

Manuale dell'utente

50BFL2114/12
58BFL2114/12
65BFL2114/12
70BFL2114/12
75BFL2114/12

PHILIPS

Contenuti

1	Panoramica TV	3
1.1	Professional mode	3
2	Configurazione	4
2.1	Istruzioni di sicurezza	4
2.2	Montaggio a parete	4
2.3	Suggerimenti sul posizionamento	4
2.4	Cavo di alimentazione	4
2.5	Cavo dell'antenna	5
3	Telecomando	6
3.1	Panoramica dei tasti	6
3.2	Sensore IR	7
3.3	Pulizia	7
4	Accensione e spegnimento	8
4.1	Accensione o standby	8
4.2	Tasti sul TV	8
5	Specifiche	9
5.1	Informazioni ambientali	9
5.2	Assorbimento	9
5.3	Sistema operativo	10
5.4	Ricezione	10
5.5	Tipo di schermo	10
5.6	Risoluzione video in ingresso	10
5.7	Connettività (2114)	10
5.8	Dimensioni e peso	10
5.9	Suono	11
6	Connetti dispositivi	12
6.1	Connetti dispositivi	12
6.2	CAM con Smart Card - CI+	13
6.3	Ricevitore - Decoder	14
6.4	Sistema Home Theatre (HTS)	14
6.5	Lettore dischi Blu-ray	15
6.6	Cuffie	15
6.7	Console di gioco	15
6.8	Unità flash USB	15
6.9	Computer	15
7	Video, foto e musica	17
7.1	Da un collegamento USB	17
7.2	Riproduzione dei video personali	17
7.3	Visualizzazione delle foto personali	17
7.4	Riproduzione dei brani musicali personali	18
8	Guida TV	20
8.1	Utilizzo della guida TV	20
9	Giochi	21
9.1	Riproduzione di un gioco	21
10	Applicazione Professional Menu	22
10.1	Informazioni sull'applicazione Professional Menu	22
10.2	Apertura dell'applicazione Professional Menu	22
10.3	Consigliato	22
10.4	Canali TV	22
10.5	Canali TV	23
10.6	Google Cast	24
10.7	Giochi	24
10.8	Più	24
10.9	Impostazioni professionali	25
10.10	Account Google	26
11	Schermata Home Android TV	27
11.1	Info sulla schermata Home Android TV	27
11.2	Apertura della schermata Home Android TV	27
11.3	Impostazioni Android TV	27
11.4	Collegamento del TV Android	31
11.5	Canali	33
11.6	Installazione canale	35
11.7	Internet	36
11.8	Smartphone e tablet	36
11.9	Software	37
12	Software open source	38
12.1	Licenza open source	38
13	Guida e supporto	185
13.1	Risoluzione dei problemi	185
13.2	Guida online	187
13.3	Assistenza e riparazione	187
14	Sicurezza e protezione	188
14.1	Sicurezza	188
14.2	Protezione dello schermo	189
14.3	Dichiarazione di esposizione alle radiazioni (solo per Wi-Fi integrato)	189
15	Termini di utilizzo	191
15.1	Termini di utilizzo - Televisore	191
16	Copyright	192
16.1	HDMI	192
16.2	Dolby Audio	192
16.3	DTS-HD Premium Sound™	192
16.4	Wi-Fi Alliance	192
16.5	Kensington	192
16.6	Altri marchi	192
17	Declinazione di responsabilità in relazione a servizi e/o software offerti da terzi	193
	Indice	194

Panoramica TV

Professional mode

Operazioni effettuabili

In Professional mode ON, è possibile accedere a un gran numero di impostazioni avanzate che consentono il controllo avanzato dello stato del televisore o l'aggiunta di funzioni aggiuntive.

Questa modalità è destinata all'installazione di TV in luoghi come hotel, navi da crociera, stadi o qualsiasi altra area commerciale in cui sia richiesto tale controllo.

Se si utilizza il televisore in ambiente domestico, si consiglia di selezionare l'opzione Professional mode OFF.

Per ulteriori dettagli, consultare il manuale di installazione Professional.

Configurazione

2.1

Istruzioni di sicurezza

Leggere le istruzioni di sicurezza prima di utilizzare il TV.

2.2

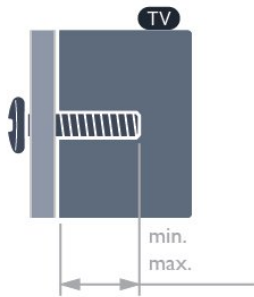
Montaggio a parete

Le istruzioni di montaggio del supporto TV sono disponibili nella guida rapida fornita con il TV. In caso di smarrimento della guida, è possibile scaricarla dal sito Web www.philips.com.

Per cercare la **guida rapida** da scaricare, immettere il codice del TV.

Il televisore è predisposto per il montaggio a parete secondo gli standard VESA con staffa (venduta a parte).

Utilizzare il seguente codice VESA per l'acquisto del supporto per il montaggio a parete. . .



- 50BFL2114
VESA MIS-F 200x200, M6 (min.: 12 mm, max.:14mm)
- 58BFL2114
VESA MIS-F 3 00x200, M6 (min.: 18mm, max.:22mm)
- 65BFL2114
VESA MIS-F 400x300, M6 (min.: 12mm, max.:18mm)
- 70BFL2114
VESA MIS-F 400x200, M8 (min.: 18mm, max.:23mm)
- 75BFL2114
VESA MIS-F 600x400, M8 (min.: 18 mm, max.: 28m m)

Preparazione

Rimuovere prima i 2 cappucci a vite di plastica dai fori con boccole filettate sul retro del TV (per 50" e 65"). Assicurarsi che le viti in metallo, per montare il TV sulla staffa conforme VESA, penetrino per circa 10 mm nei fori con boccole filettate sul retro del TV.

Attenzione

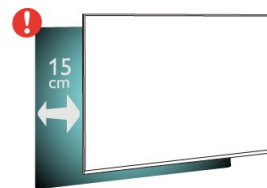
Il montaggio a parete del TV richiede competenze specifiche e deve essere eseguito esclusivamente da personale qualificato. Il montaggio a parete del TV deve rispettare gli standard di sicurezza in base al peso del TV. Prima di installare il TV, leggere le precauzioni per la sicurezza.

TP Vision Europe B.V. non si assume alcuna responsabilità per un montaggio errato o che provochi ferite o lesioni personali.

2.3

Suggerimenti sul posizionamento

- Collocare il TV in modo che la luce non si rifletta direttamente sullo schermo.
- La distanza ottimale per guardare il TV è pari a tre volte la dimensione diagonale dello schermo. Da seduti, gli occhi dovrebbero essere al livello del centro dello schermo.
- Quando è fissato alla parete, posizionare il TV a una distanza massima di 15 cm dalla parete.



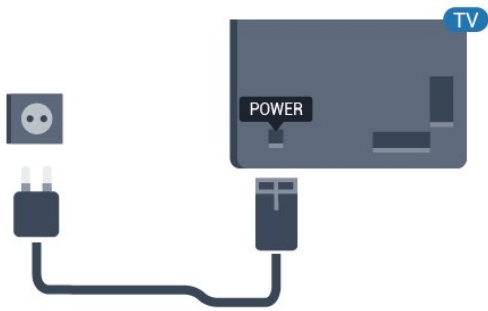
Nota:

Tenere il TV lontano da fonti di polvere come stufe. Si consiglia di rimuovere regolarmente la polvere per evitare che penetri nel TV.

2.4

Cavo di alimentazione

- Inserire il cavo di alimentazione nel connettore **POWER** sul retro del TV.
- Assicurarsi che il cavo di alimentazione sia inserito saldamente nel connettore.
- Assicurarsi che la presa di alimentazione a muro sia accessibile in qualsiasi momento.
- Scollegare sempre il cavo di alimentazione afferrando la spina e non il cavo.



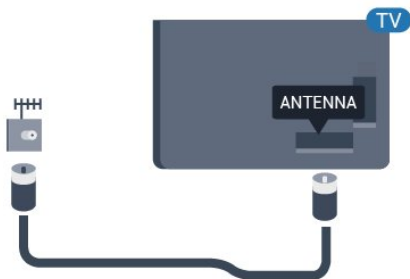
2.5

Cavo dell'antenna

Inserire saldamente la spina dell' antenna nella relativa presa sul retro del TV.

È possibile collegare la propria antenna oppure collegarsi a un segnale dell'antenna da un sistema di distribuzione dell'antenna. Utilizzare un cavo coassiale per antenna con connettore IEC (RF) da 75 Ohm.

Utilizzare questo collegamento per antenna per i segnali di ingresso DVB-T e DVB-C.

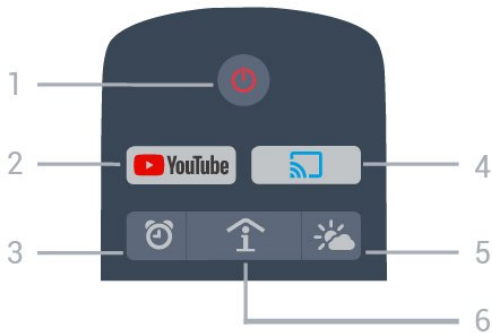


Telecomando

3.1

Panoramica dei tasti

Superiore



- 1 - Standby / On
Consente di accendere il TV o di attivare la modalità standby.
- 2 - Youtube
Per aprire Youtube.
- 3 - Sveglia (Solo con Professional mode ON)
Per impostare la sveglia.
- 4 - Google Cast (solo con Professional mode ON)
Per eseguire il mirroring dei contenuti presenti sullo schermo del dispositivo mobile sul televisore.
- 5 - Meteo (sono con Professional mode ON)
per visualizzare le previsioni del tempo nella propria località.
- 6 - SMART INFO (solo con Professional mode ON)
Per mostrare le informazioni fornite dall'hotel.

Parte centrale



- 1 - SETTINGS
Consente di aprire il menu delle impostazioni.
- 2 - TV GUIDE
Per visualizzare un elenco dei programmi TV attuali e nel palinsesto.
- 3 - BACK
• Consente di tornare al canale precedentemente selezionato.
• Consente di tornare al menu precedente.
- 4 - OPZIONI
Per aprire o chiudere il menu delle opzioni.
- 5 - pulsante OK
Consente di confermare una selezione o un'impostazione.
- 6 - Pulsanti freccia/di navigazione
Per spostarsi in alto , in basso , a sinistra o a destra .
- 7 - Canali
Consente di passare al canale successivo o precedente nell'elenco canali.
- 8 - ESCI
Per tornare a guardare la TV.
- 9 - HOME
Consente di aprire il menu Home.

Inferiore



1 - Volume

Consente di regolare il livello del volume.

2 - Pulsanti colorati

Consentono di selezionare direttamente le opzioni.

3 - OROLOGIO

Per visualizzare l'orologio.

4 - Canale

Consente di passare al canale successivo o precedente nell'elenco canali.

5 - Disattivazione audio

Consente di disattivare o riattivare l'audio.

3.2

Sensore IR

Il TV può ricevere i comandi da un telecomando che utilizza raggi infrarossi (IR) per inviare i comandi. Se si utilizza un telecomando di questo tipo, accertarsi sempre di puntare il telecomando verso il sensore a infrarossi sul lato anteriore del TV.

Avviso

Non collocare alcun oggetto davanti al sensore IR del TV poiché si potrebbe bloccare il segnale IR.

3.3

Pulizia

Il telecomando è rivestito di una particolare vernice resistente ai graffi.

Per pulire il telecomando, utilizzare un panno morbido e umido. Evitare sostanze come alcol, prodotti chimici o detersivi per la pulizia della casa sul telecomando.




Accensione e spegnimento

4.1


Accensione o standby

Assicurarsi che il TV sia collegato all'alimentazione principale CA. Collegare il cavo di alimentazione in dotazione al connettore **AC IN** sul retro del TV. La spia nella parte inferiore del TV si accende.

Accensione

Premere  sul telecomando per accendere il TV. In alternativa, premere  /  Home. Per accendere il TV, è possibile anche premere il piccolo tasto joystick sul retro o sulla parte inferiore del TV, nel caso in cui il telecomando non sia reperibile o abbia le batterie scariche.

Passaggio alla modalità standby

Per attivare la modalità di standby sul TV, premere  sul telecomando. È possibile anche premere il piccolo tasto joystick sul retro o sulla parte inferiore del TV.

In modalità di standby, il TV è ancora collegato all'alimentazione principale ma consuma pochissima energia.




Per spegnere completamente il TV, scollegare la spina di alimentazione. Estrarre sempre il cavo di alimentazione afferrando la spina e non il cavo. Assicurarsi che la spina di alimentazione, il cavo e la presa elettrica siano sempre accessibili.


4.2

Tasti sul TV

Se il telecomando viene smarrito o le batterie sono scariche, è comunque possibile effettuare alcune operazioni di base sul TV.

Per aprire il menu di base...

- 1 - Con il TV acceso, premere il tasto joystick sul retro o sulla parte inferiore del TV per visualizzare il menu di base.
- 2 - Premere a sinistra o a destra per selezionare  Volume,  Canale o  Sorgenti.
- 3 - Premere le frecce verso l'alto o verso il basso per regolare il volume o sintonizzarsi sul canale successivo o precedente. Premere le frecce verso l'alto o verso il basso per scorrere l'elenco delle sorgenti, inclusa la sorgente sintonizzatore.
- 4 - Il menu scompare automaticamente.

Per attivare la modalità di standby sul TV, selezionare  e premere il tasto joystick sul retro o sulla parte inferiore del TV.

Specifiche

5.1

Informazioni ambientali

Scheda prodotto

50BFL2114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 126 cm/50"
- Consumo energetico quando acceso (W): 70 W
- Consumo energetico annuale (kWh) *: 103 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

58BFL2114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 146 cm/58"
- Consumo energetico quando acceso (W): 77 W
- Consumo energetico annuale (kWh) *: 113 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

65BFL2114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 164 cm/65"
- Consumo energetico quando acceso (W): 99 W
- Consumo energetico annuale (kWh) *: 145 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

70BFL2114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 178 cm/70"
- Consumo energetico quando acceso (W): 123 W
- Consumo energetico annuale (kWh) *: 180 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

75BFL2114

- Classe di efficienza energetica: A+
- Dimensioni schermo visibile: 189 cm/75"
- Consumo energetico quando acceso (W): 113 W
- Consumo energetico annuale (kWh) *: 165 kWh
- Consumo energetico in standby (W) **: 0,3 W
- Risoluzione display (pixel): 3840 x 2160p

* Consumo energetico in kWh per anno, basato sul consumo energetico del TV in funzione 4 ore al giorno per 365 giorni. Il consumo energetico effettivo dipende da come viene utilizzato il TV.

** Quando il TV viene spento con il telecomando e non è attiva alcuna funzione.

Numero di registrazione EPREL

50BFL2114: 341971

58BFL2114: 341994

65BFL2114: 331905

70BFL2114: 342005

75BFL2114: 342001

Smaltimento dei materiali

Smaltimento di prodotti e batterie obsolete

Il prodotto è stato progettato e assemblato con materiali e componenti di alta qualità che possono essere riciclati e riutilizzati.



Quando su un prodotto si trova il simbolo del bidone dei rifiuti con una croce, significa che tale prodotto è soggetto alla Direttiva Europea 2012/19/EU.



Informarsi sulle modalità di raccolta dei prodotti elettrici ed elettronici in vigore nella zona in cui si desidera smaltire il prodotto.

Attenersi alle normative locali per lo smaltimento dei rifiuti e non gettare i vecchi prodotti con i normali rifiuti domestici. Il corretto smaltimento dei prodotti non più utilizzabili previene potenziali conseguenze negative per l'ambiente e per la popolazione.

Il prodotto funziona con batterie che rientrano nella direttiva europea 2006/66/EC e che non possono essere smaltite con i normali rifiuti domestici.



Informarsi sulle normative locali relative alla raccolta differenziata delle batterie: un corretto smaltimento consente di evitare conseguenze negative per l'ambiente e la salute.

5.2

Assorbimento

Le specifiche del prodotto sono soggette a modifica senza preavviso. Per ulteriori informazioni sulle specifiche di questo prodotto, visitare il sito Web www.philips.com/support

Assorbimento

- Alimentazione di rete: CA 220-240V +/-10%
- Temperatura ambiente: Da 5 °C a 35 °C

- Funzionalità di risparmio energetico: Modalità Eco, disattivazione delle immagini (per la radio), timer di spegnimento automatico, menu delle impostazioni Eco.

Per informazioni sul consumo energetico, vedere il capitolo [Scheda prodotto](#).

5.3

Sistema operativo

Sistema operativo Android:

Android Pie 9

5.4

Ricezione

- Ingresso antenna: coassiale da 75 Ohm (IEC75)
- Bande del sintonizzatore: Hyperband, UHF, VHF
- DVB: DVB-T2, DVB-C (cavo) QAM
- Riproduzione video analogica: SECAM, PAL
- Riproduzione video digitale: MPEG2 SD/HD (ISO/IEC 13818-2); MPEG4 SD/HD (ISO/IEC 14496-10), HEVC*
- Riproduzione audio digitale (ISO/IEC 13818-3)
- Frequenza in ingresso: da 950 a 2150 MHz
- Livello in ingresso: da 25 a 65 dBm

* Solo per DVB-T2

5.5

Tipo di schermo

Dimensione diagonale dello schermo

- 126 cm/50"
- 146 cm/58"
- 164 cm/65"
- 178 cm/70"
- 189 cm/75"

Risoluzione display

- 3840 x 2160

5.6

Risoluzione video in ingresso

Formati video

Risoluzione - Frequenza di aggiornamento

- 480i - 60 Hz
- 480p - 60 Hz
- 576i - 50 Hz
- 576p - 50 Hz
- 720p - 50 Hz, 60 Hz
- 1080i - 50 Hz, 60 Hz

- 1080p - 24 Hz, 25 Hz, 30 Hz
- 2160p - 24 Hz, 25 Hz, 30 Hz, 50 Hz, 60 Hz

Formati per computer

Risoluzioni (tra gli altri valori)

- 640 x 480 - 60 Hz
- 800 x 600 - 60 Hz
- 1024 x 768 - 60 Hz
- 1280 x 768 - 60 Hz
- 1360 x 765 - 60 Hz
- 1360 x 768 - 60 Hz
- 1280 x 1024 - 60 Hz
- 1920 x 1080 - 60 Hz
- 3840 x 2160 - 60 Hz

5.7

Connettività (2114)

50" 58" 65" 70"

Parte laterale del TV

- Slot per interfaccia comune: CI+ CAM
- USB 1 - USB 3.0
- Cuffie: mini-jack stereo da 3,5 mm
- Ingresso HDMI 1 - ARC - Ultra HD

Base TV

- Rete LAN: RJ45
- Ingresso HDMI 2 - ARC - Ultra HD
- Antenna (75 ohm)
- USB 2 - USB 2.0
- 12 V CC in uscita
- 8 Ω Uscita audio
- DATA (RJ-48)

75"

Parte laterale del TV

- Slot per interfaccia comune: CI+ CAM
- USB 1 - USB 3.0
- Cuffie: mini-jack stereo da 3,5 mm
- Ingresso HDMI 1 - ARC - Ultra HD

Base TV

- Rete LAN: RJ45
- Ingresso HDMI 2 - ARC - Ultra HD
- Ingresso HDMI 3 - ARC - Ultra HD
- Antenna (75 ohm)
- USB 2 - USB 2.0
- 12 V CC in uscita
- 8 Ω Uscita audio
- DATA (RJ-48)

Dimensioni e peso

50BFL2114

- senza supporto TV:

Larghezza 1127,64 mm - Altezza 655,31 mm

-Profondità 89,62 mm - Peso ± 11,1 kg

58BFL2114

- senza supporto TV:

Larghezza 1302,08 mm - Altezza 762,56 mm -

Profondità 89,92 mm - Peso ± 15 kg

65BFL2114

- senza supporto TV:

Larghezza 1463,88 mm - Altezza 848,7 mm -

Profondità 90,72 mm - Peso ± 20,94 kg

70BFL2114

- senza supporto TV:

Larghezza 1583,8 mm - Altezza 895,4 mm -

Profondità 92,7 mm - Peso ±23,4 kg

75BFL2114

- senza supporto TV:

Larghezza 1683,2 mm - Altezza 974,4 mm -

Profondità 93,7 mm - Peso ±33,5 kg

Suono

- Potenza in uscita (RMS): 20 W
- Dolby Audio
- DTS HD

Connetti dispositivi

6.1

Connetti dispositivi

Guida connettività

Collegare sempre un dispositivo al TV tramite la connessione che offre la migliore qualità possibile. Inoltre, per assicurare un buon trasferimento audio e video, utilizzare cavi di buona qualità.

Quando viene collegato un dispositivo, il TV ne riconosce immediatamente il tipo e assegna al dispositivo un nome tipo corretto. È possibile modificare il nome tipo, se necessario. Se per un dispositivo è stato impostato il nome tipo corretto, il TV passerà automaticamente alle impostazioni TV ideali quando si seleziona il dispositivo in questione nel menu Sorgenti.





Porta per antenna

Se si dispone di un decoder (un ricevitore digitale) o di un registratore, collegare i cavi dell'antenna per far passare il segnale dell'antenna tramite il decoder e/o il registratore prima che raggiunga il televisore. In questo modo, l'antenna e il decoder possono inviare i possibili canali aggiuntivi al registratore per la registrazione.




Porte HDMI

Azionamento dei dispositivi

Per utilizzare un dispositivo collegato tramite HDMI e impostato con EasyLink, selezionare il dispositivo o la relativa attività nell'elenco dei collegamenti TV.


Professional mode OFF – Premere  /  Home, selezionare  Applicazioni, selezionare  SOURCES. Selezionare un dispositivo collegato tramite HDMI e premere OK.

Professional mode ON – Premere  /  Home, selezionare  Canali TV, selezionare  Sorgenti. Selezionare un dispositivo collegato tramite HDMI e premere OK.

Dopo aver selezionato il dispositivo, è possibile controllarlo tramite il telecomando del televisore. Tuttavia, i pulsanti  /  Home e  OPTIONS e altri pulsanti del televisore non comunicano con il

dispositivo.

Se il pulsante che si cerca non è presente sul telecomando del televisore, è possibile selezionare il pulsante nel Menu delle opzioni.

Premere  OPTIONS e selezionare **Comandi** nella barra menu. Sullo schermo, selezionare il tasto del dispositivo che si cerca e premere **OK**.

Alcuni tasti specifici del dispositivo potrebbero non essere disponibili nel menu Comandi.

Nota: solo i dispositivi che supportano la funzione **Telecomando EasyLink** risponderanno al telecomando del TV.

Qualità HDMI

La connessione HDMI offre la migliore qualità delle immagini e del suono. Un cavo HDMI combina i segnali video e audio. Utilizzare un cavo HDMI per il segnale TV.

Per un trasferimento ottimale della qualità del segnale, utilizzare un cavo HDMI ad alta velocità e non più lungo di 5 m.



Protezione da copia

I cavi HDMI supportano la tecnologia HDCP (High-bandwidth Digital Content Protection). HDCP è un segnale di protezione da copia che impedisce la copia dei contenuti da un disco DVD o da un disco Blu-ray. Viene anche chiamato DRM (Digital Rights Management).

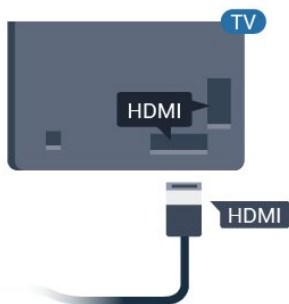
HDMI ARC

Tutte le connessioni HDMI sul TV dispongono del segnale **HDMI ARC** (Audio Return Channel).

Se anche il dispositivo, di solito un sistema Home Theater (HTS), dispone del collegamento HDMI ARC, usarlo per qualsiasi collegamento HDMI sul televisore. Con il collegamento HDMI ARC, non è necessario collegare il cavo audio aggiuntivo che invia l'audio dell'immagine TV al sistema HTS. Il collegamento HDMI ARC combina entrambi i segnali.

È possibile utilizzare qualsiasi collegamento HDMI sul televisore per collegare il sistema HTS, ma il segnale

ARC è disponibile per 1 solo dispositivo/collegamento alla volta.

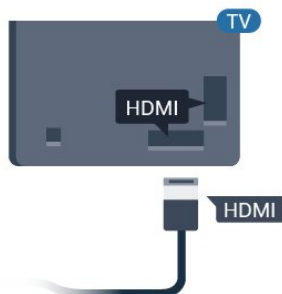


HDMI CEC - EasyLink

La connessione HDMI offre la migliore qualità delle immagini e del suono. Un cavo HDMI combina i segnali video e audio. Utilizzare un cavo HDMI per il segnale TV ad alta definizione (HD). Per un trasferimento ottimale della qualità del segnale, utilizzare un cavo HDMI ad alta velocità e non più lungo di 5 m.

Collegare i dispositivi compatibili con HDMI-CEC al TV; in questo modo è possibile controllarli con il telecomando del TV.

EasyLink HDMI-CEC deve essere attivato sul TV e sul dispositivo collegato.



Nota:

- EasyLink potrebbe non funzionare con dispositivi di altre marche.
- La funzionalità HDMI CEC può avere nomi diversi a seconda delle marche. Alcuni esempi: Anynet, Aquos Link, Bravia Theatre Sync, Kuro Link, Simplink e Viera Link. Non tutte le marche sono interamente compatibili con EasyLink. I nomi di esempio delle marche per la funzionalità HDMI CEC appartengono ai rispettivi proprietari.

Attivazione o disattivazione di EasyLink

È possibile attivare o disattivare EasyLink. Il televisore viene fornito con le impostazioni EasyLink attivate.

Per disattivare completamente EasyLink...

Professional mode OFF – Premere / Home. Premere (in basso), selezionare **Impostazioni** e premere OK.

Selezionare **Sorgenti > EasyLink** e premere OK.

Selezionare **EasyLink** e premere OK.

Selezionare **Spento** e premere OK.

Premere BACK, ripetutamente se necessario, per chiudere il menu.

Professional mode ON – Fare riferimento al manuale di installazione.

Telecomando EasyLink

Se si desidera la comunicazione dei dispositivi ma non si desidera utilizzarli tramite il telecomando del televisore, è possibile disattivare il telecomando EasyLink separatamente.

Per attivare o disattivare il telecomando EasyLink...

Professional mode OFF – Premere / Home. Premere (verso il basso), selezionare **Impostazioni** e premere OK.

Selezionare **Sorgenti > EasyLink**, e premere OK.

Selezionare **Telecomando EasyLink** e premere OK.

Selezionare **On od Off** e premere OK.

Premere BACK, ripetutamente se necessario, per chiudere il menu.

Professional mode ON – Fare riferimento al manuale di installazione.

6.2

CAM con Smart Card - CI+

CI+

Questo televisore è predisposto per l'utilizzo del modulo CAM CI+.

Il modulo CI+ consente di guardare programmi premium HD, come film ed eventi sportivi, offerti dalle emittenti televisive digitali nel Paese di residenza dell'utente. Questi programmi sono criptati dall'emittente e vengono decriptati tramite un modulo CI+ prepagato.

Le emittenti televisive digitali forniscono un modulo CI+ (CAM, Conditional Access Module) e la relativa smart card insieme all'abbonamento ai loro programmi premium. Questi programmi dispongono di un alto livello di protezione da copia.

Per ulteriori informazioni sui termini e le condizioni, contattare l'emittente televisiva digitale.



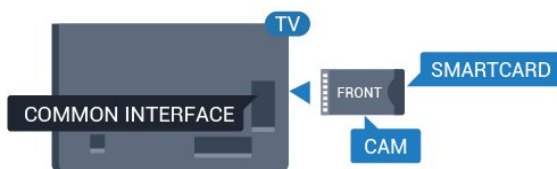
Smart Card

Le emittenti televisive digitali forniscono un modulo CI+ (CAM, Conditional Access Module) e la relativa smart card insieme all'abbonamento ai loro programmi premium.

Inserire la smart card nel modulo CAM. Consultare le istruzioni ricevute dall'emittente.

Per inserire il modulo CAM nel TV...

- 1 - Per il corretto metodo di inserzione, attenersi alle istruzioni del modulo CAM. L'inserzione non corretta potrebbe danneggiare il modulo CAM e il TV.
- 2 - Guardando il retro del TV, con la parte anteriore del modulo CAM rivolta verso di sé, inserire delicatamente il modulo CAM nello slot **COMMON INTERFACE**.
- 3 - Spingere a fondo il modulo CAM. Lasciarlo sempre all'interno dello slot.



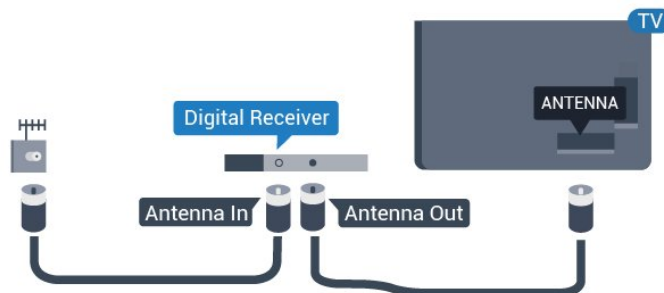
Quando si accende il TV, potrebbero essere necessari alcuni minuti prima che il modulo CAM venga attivato. Se viene inserito un modulo CAM e l'abbonamento è stato pagato (i metodi di connessione possono variare), è possibile guardare i canali criptati supportati dalla smart card CAM.

Il modulo CAM e la smart card sono esclusivi per il TV. Se si rimuove il modulo CAM, non sarà più possibile guardare i canali criptati supportati dal modulo CAM.

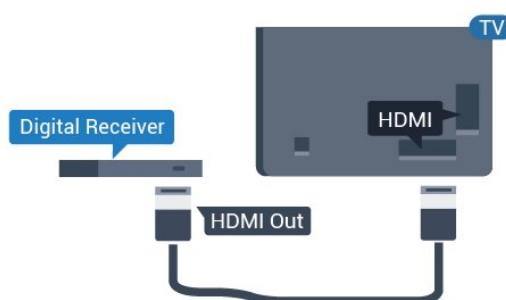
6.3

Ricevitore - Decoder

Per collegare l'antenna al decoder (un ricevitore digitale) o al televisore, utilizzare 2 cavi per antenna.



Accanto ai collegamenti dell'antenna, aggiungere un cavo HDMI per collegare il decoder al televisore.



6.4

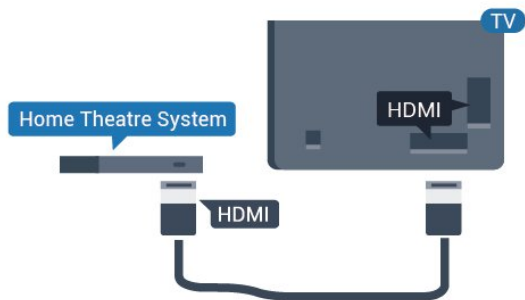
Sistema Home Theatre (HTS)

Collegamento con HDMI ARC

Utilizzare un cavo HDMI per collegare un sistema Home Theater (HTS) al televisore. È possibile collegare un sistema Philips Soundbar o HTS con un lettore disco integrato.

HDMI ARC

Se il sistema Home Theater in uso dispone di un collegamento HDMI ARC, è possibile utilizzare qualsiasi collegamento HDMI sul televisore per collegarlo. Con HDMI ARC, non è necessario collegare il cavo audio aggiuntivo. Il collegamento HDMI ARC combina entrambi i segnali. Tutti i collegamenti HDMI sul televisore possono offrire il segnale ARC (Audio Return Channel). Tuttavia, una volta collegato il sistema Home Theater, il televisore può inviare il segnale ARC solo a questo collegamento HDMI.



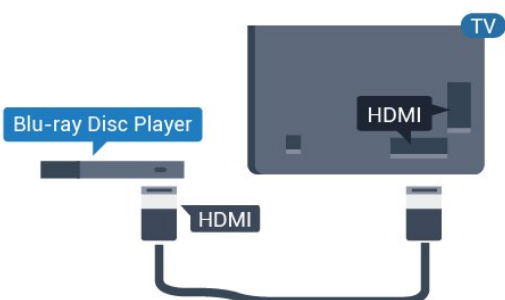
Sincronizzazione audio-video (sincronizzazione)

Se l'audio non è sincronizzato con le immagini sullo schermo, è possibile impostare un tempo di ritardo sulla maggior parte dei sistemi Home Theater con lettore disco in modo da far corrispondere l'audio alle immagini.

6.5

Lettore dischi Blu-ray


Utilizzare un cavo HDMI ad alta velocità per collegare il lettore dischi Blu-ray Disc al TV.

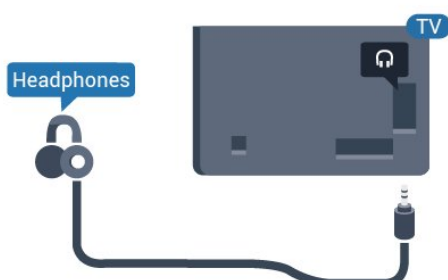


Se il lettore dischi Blu-ray dispone di EasyLink HDMI CEC, è possibile utilizzare il lettore con il telecomando del televisore.

6.6

Cuffie

È possibile collegare le cuffie alla connessione  sul retro del TV. La connessione è del tipo mini-jack da 3,5 mm. È inoltre possibile regolare il volume delle cuffie separatamente.

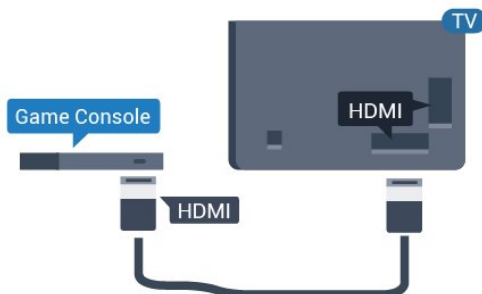


6.7

Console di gioco

HDMI

Per una qualità ottimale, utilizzare un cavo HDMI ad alta velocità per collegare la console di gioco al televisore.



6.8

Unità flash USB

È possibile visualizzare foto o riprodurre musica e video da un'unità flash USB.


Inserire un'unità flash USB in una dei collegamenti USB del TV mentre il TV è acceso.



Il televisore rileva l'unità flash e apre un elenco che ne visualizza il contenuto.



Se l'elenco dei contenuti non viene visualizzato automaticamente...

Professional mode

OFF – Premere  /  Home


, selezionare 

Applicazioni, selezionare  Sorgenti. Selezionare USB e premere OK.

Professional mode On – Premere  /  Home,

selezionare **Canali TV** 

, selezionare  SOURCES. Selezionare USB e premere OK.

Per interrompere la visualizzazione dei contenuti dell'unità flash USB, premere  o selezionare un'altra attività.

Per scollegare l'unità flash USB, è possibile estrarre l'unità flash in qualsiasi momento.

Computer

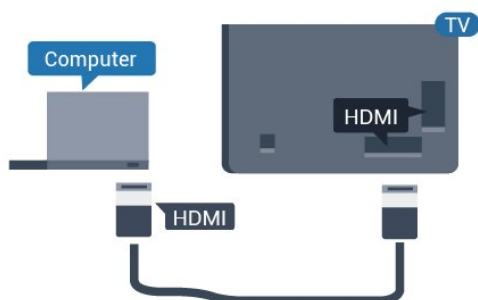
(Per informazioni sulla modalità professionale consultare il manuale di installazione)

Collega

È possibile collegare il computer al televisore e utilizzarlo come monitor del computer.

Tramite HDMI

Utilizzare un cavo HDMI per collegare il computer al televisore.



Impostazione ideale

Se si collega un computer, si consiglia di assegnare alla connessione, tramite la quale è stato collegato il computer, il nome del tipo di dispositivo corretto nel menu Sorgente. Se si passa a **Computer** nel menu Sorgente, sul televisore viene selezionata automaticamente l'impostazione ideale Computer.

Per configurare l'impostazione ottimale del televisore...

Professional mode OFF – Premere / Home.
Premere (verso il basso),
selezionare **Impostazioni** e premere **OK**.

Selezionare **Immagine** e premere (destra) per accedere al menu. Selezionare **Stile immagine** > **Computer** e premere **OK**.

Selezionare **On** oppure **Off** e premere **OK**.

Premere ripetutamente, se necessario, per chiudere il menu.

Professional mode

ON – Premere / Home >

Più > Impostazioni > Immagine. Premere **OK**.

Selezionare **Stile immagine** > **Computer** e premere **OK**.

Selezionare **On** oppure **Off** e premere **OK**.

Premere ripetutamente, se necessario, per chiudere il menu.

Video, foto e musica





7.1

Da un collegamento USB

È possibile visualizzare foto o riprodurre musica e video da un'unità flash USB o un hard disk USB collegato.

Con il TV acceso, collegare un'unità flash USB o un hard disk USB ai connettori USB. Il televisore rileva il dispositivo ed elenca i file multimediali.

Se l'elenco dei file non viene visualizzato automaticamente...





- 1 - Premere  CANALI, selezionare  Sorgenti.
- 2 - Selezionare  Supporti digitali e premere **OK**.
- 3 - È possibile scorrere i file nella struttura della cartella organizzata sull'unità.
- 4 - Per interrompere la riproduzione di video, foto e musica, premere .

7.2

Riproduzione dei video personali


Riproduzione di video

Apertura della cartella dei video

- 1 - Premere  CANALI, selezionare  Sorgenti.
- 2 - Selezionare  Supporti digitali , selezionare  Video e premere **OK**.

Per tornare alla cartella, premere .

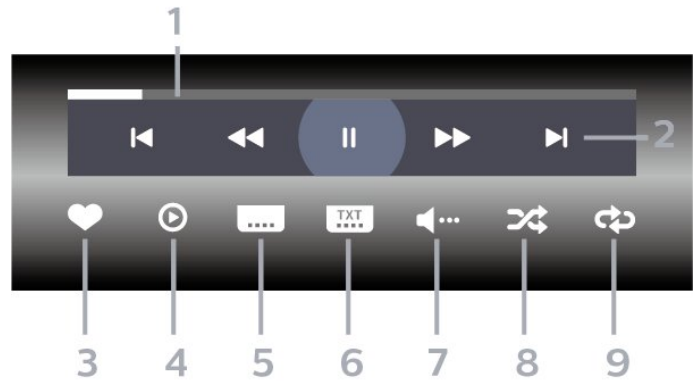
Riproduzione di un video






- 1 - Premere  CANALI, selezionare  Sorgenti.
- 2 - Selezionare  Supporti digitali , selezionare  Video e premere **OK**.
- 3 - Dopo aver selezionato uno dei video, è possibile premere  Riproduci tutti per riprodurre tutti i file nella cartella o premere  Contrassegna come preferito per aggiungere il video selezionato al menu -  Preferiti.

Per mettere in pausa il video, premere **OK**. Premere di nuovo **OK** per continuare.

Barra di controllo


Per visualizzare o nascondere la barra di controllo durante la riproduzione di un video, premere **OK**.



- 1 - Barra di avanzamento
- 2 - Barra di controllo della riproduzione
 -  : consente di passare al video precedente in una cartella
 -  : consente di passare al video successivo in una cartella
 -  : riavvolgimento
 -  : avanzamento veloce
 -  : consente di interrompere la riproduzione

- 3 - Contrassegna come preferito
- 4 - Consente di riprodurre tutti i video
- 5 - Sottotitoli: consente di attivare o disattivare i sottotitoli oppure di attivare i sottotitoli con l'audio disattivato.
- 6 - Lingua sottotitoli: consente di selezionare una Lingua sottotitoli (non disponibile con Professional mode ON.)
- 7 - Lingua audio: consente di selezionare la lingua dell'audio
- 8 - Casuale: consente di riprodurre i file in modalità casuale
- 9 - Ripeti: consente di riprodurre tutti i video nella cartella una volta o continuamente

Opzioni video

Durante la riproduzione del video, premere  **OPTIONS**, selezionare **Info** e premere **OK** per...

- **Contrassegna come preferito** – Impostazione del video selezionato come preferito.
- **Riproduci tutti** – Riproduzione di tutti i file video nella cartella.
- **Sottotitoli** – Se disponibili, è possibile selezionare le opzioni dei sottotitoli **On**, **Off** o **Acceso con audio disattivato**.
- **Lingua audio** – Se disponibile, è possibile selezionare una lingua per l'audio.
- **Casuale** – Riproduzione dei file in modalità casuale.
- **Ripeti** – Riproduzione di tutti i video nella cartella una volta o continuamente.

Visualizzazione delle foto personali

Visualizzazione di foto

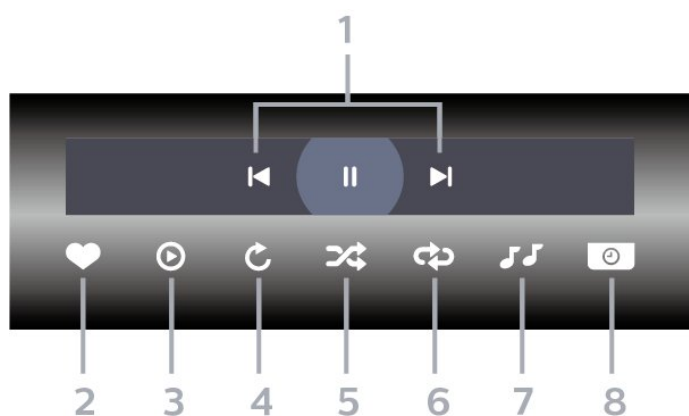
Apertura della cartella delle foto

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Foto e premere OK.

Visualizzazione di una foto

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Foto e premere OK.
- 3 - Dopo aver selezionato Foto e scelto una delle foto, è possibile premere Presentazione per riprodurre tutti i file nella cartella o premere Contrassegna come preferito per aggiungere la foto selezionata al menu - Preferiti.

Barra di controllo



- 1 - Barra di controllo della riproduzione
 - : consente di passare alla foto precedente in una cartella
 - : consente di passare alla foto successiva in una cartella
 - : consente di interrompere la presentazione
- 2 - Contrassegna come preferito
- 3 - Avvia una presentazione
- 4 - Consente di ruotare una foto
- 5 - Casuale: consente di riprodurre i file in modalità casuale
- 6 - Ripeti: consente di riprodurre tutte le foto nella cartella una volta o continuamente
- 7 - Consente di interrompere la riproduzione di musica in background (non disponibile con Professional mode ON)
- 8 - Consente di impostare la velocità della

Opzioni per le foto

Durante la riproduzione del video, premere OPTIONS, selezionare Info e premere OK per...

- Contrassegna come preferito
- Avvia una presentazione
- Consente di ruotare una foto
- Casuale: consente di riprodurre i file in modalità casuale
- Ripeti: consente di riprodurre tutte le foto nella cartella una volta o continuamente
- Consente di interrompere la riproduzione di musica in background (non disponibile con Professional mode ON)
- Consente di impostare la velocità della presentazione

Riproduzione dei brani musicali personali

Riproduzione dei brani musicali

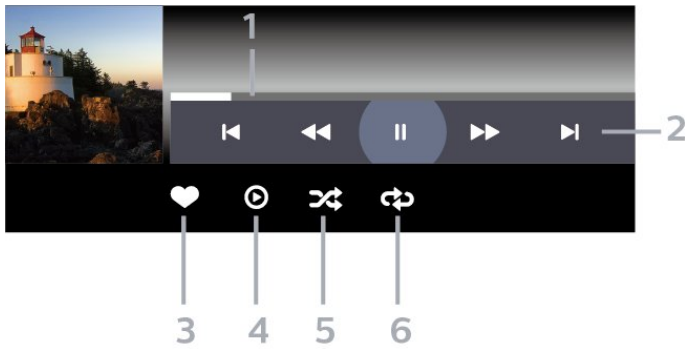
Apertura della cartella Musica

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Musica e premere OK.

Riproduzione di brani musicali

- 1 - Premere CANALI, selezionare Sorgenti.
- 2 - Selezionare Supporti digitali, selezionare Musica e premere OK.
- 3 - Dopo avere selezionato Contrassegna come preferito per aggiungere la cartella dei brani musicali al menu - Preferiti.
- 4 - È possibile trovare rapidamente un brano musicale utilizzando la classificazione **Generi**, **Artisti**, **Album**, **Brani**.

Barra di controllo



- 1 - Barra di avanzamento
- 2 - Barra di controllo della riproduzione
 - ◀: consente di passare alla canzone precedente in una cartella
 - ▶: consente di passare alla canzone successiva in una cartella
 - ◀◀: riavvolgimento
 - ▶▶: avanzamento veloce
 - ||: consente di interrompere la riproduzione

- 3 - Contrassegna come preferito
- 4 - Consente di riprodurre tutta la musica
- 5 - Casuale: consente di riprodurre i file in modalità casuale
- 6 - Ripeti: consente di riprodurre tutta la musica nella cartella una volta o continuamente

Opzioni per la musica


Durante la riproduzione della musica, premere **+** **OPTIONS**, selezionare **Info** e premere **OK** per...

- Contrassegna come preferito
- Consente di riprodurre tutta la musica
- Casuale: consente di riprodurre i file in modalità casuale
- Ripeti: consente di riprodurre tutta la musica nella cartella una volta o continuamente

Guida TV

Utilizzo della guida TV

Apertura della guida TV

Per aprire la guida TV, premere  TV GUIDE . La guida TV mostra i canali del sintonizzatore selezionato.

Premere di nuovo  TV GUIDE per chiudere.

La prima volta che si apre la guida TV, il TV scorre tutti i canali televisivi alla ricerca delle informazioni sui programmi. Questa procedura potrebbe richiedere alcuni minuti. I dati della guida TV vengono memorizzati sul televisore.

Giochi

Riproduzione di un gioco



Da una console di gioco


Per avviare un gioco da una console di gioco...


Accendere la console di gioco.

Professional mode OFF – Premere  /  Home, selezionare  App. Scegliere Sorgenti e premere OK.



Avviare il gioco.


Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Per ulteriori informazioni sul collegamento di una console di gioco, in **Guida**, premere il tasto colorato  **Parole chiave** e cercare **Console di gioco, collegamento**.

Professional mode ON – Premere  SOURCES e selezionare una console di gioco o il nome della connessione.




Avviare il gioco.

Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.



Per ulteriori informazioni sul collegamento di una console di gioco, in **Guida**, premere il tasto colorato  **Parole chiave** e cercare **Console di gioco, collegamento**.




Da applicazioni

Per avviare un gioco da un'applicazione di giochi...

Professional mode Off – Premere  /  Home, selezionare  App, quindi selezionare Google Play Games.

Registra l'account Google personale e avvia un gioco.

Premere ripetutamente  BACK oppure premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Professional mode ON – Premere  /  Home. Selezionare  Giochi.

Registra l'account Google personale e avvia un gioco.

Premere ripetutamente  BACK oppure

premere  EXIT o ancora interrompere l'applicazione con il pulsante dedicato Esci/Stop.

Applicazione Professional Menu




Informazioni sull'applicazione Professional Menu

Dall'applicazione Professional Menu, è possibile avviare tutte le attività possibili relative al televisore.

La parte sinistra dell'applicazione Professional Menu è organizzata in righe...

- Consigliato 
- Canali TV 
- Cast 
- Applicazioni 
- Giochi 
- Più 



La parte superiore destra dell'applicazione Professional Menu è organizzata in righe...

- Gestisci account
- Imposta sveglia 
- Meteo 
- Lingua menu 
- Ora corrente


Apertura dell'applicazione Professional Menu

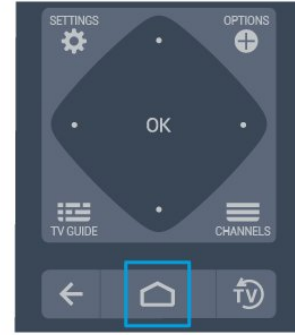
Professional mode OFF - Fare riferimento al capitolo "Schermata home Android TV".

Professional mode ON - Consente di aprire l'applicazione Professional Menu e aprire un elemento...

1 - Aprire l'applicazione Professional Menu premendo Home  / .

2 - Selezionare un'attività utilizzando i pulsanti freccia e premere **OK** per iniziare l'attività.

3 - Per chiudere l'applicazione Professional Menu senza modificare l'attività corrente, premere .




All'apertura dell'applicazione Professional Menu, l'applicazione in esecuzione in background/riproduzione dei contenuti sarà interrotta. È necessario selezionare l'applicazione o i contenuti dall'applicazione menu Professional per riprendere.

Consigliato

Per aprire l'applicazione Professional Menu e aprire Consigliato...

1 - Aprire l'applicazione Professional Menu.

2 - Selezionare **Consigliato**  e premere **OK** per aprirla o avviarla.

3 - Selezionare  Canali TV consigliati. Scegliere un canale e premere OK.





4 - Selezionare  Applicazioni. Selezionare un'applicazione dall'elenco e premere OK.

Canali TV

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.

Con un elenco di canali selezionato, premere la freccia  (su) o  (giù) per selezionare un canale, quindi premere **OK** per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto  o .

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.

Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere **TV**, per passare a TV.
2. Premere **≡ CANALI** per aprire l'elenco canali corrente. Selezionare **≡ Tutti i canali** per visualizzare sia i canali TV sia i canali radio. Selezionare **TV** per visualizzare solo i canali TV. Selezionare **➔** per visualizzare solo i canali radio.
3. Premere nuovamente **≡ CANALI** per chiudere l'elenco canali.

Visione dei canali

Sintonizzarsi su un canale

Per guardare i canali TV, premere **TV**. Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere **≡ + o ≡ -**.

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere **← BACK**.

Elenco canali

Mentre si sta guardando un canale TV, premere **≡** per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Durante la visione di un canale, è possibile impostare alcune opzioni.

In base al tipo di canale che si sta guardando (analogico o digitale) o alle impostazioni TV eseguite, sono disponibili alcune opzioni.

Per aprire il menu delle opzioni...

- 1 - Mentre si sta guardando un canale, premere **⊕ OPTIONS**.
- 2 - Premere di nuovo **⊕ OPTIONS** per chiudere.

10.5

Canali TV

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.

Con un elenco di canali selezionato, premere la freccia **▲** (su) o **▼** (giù) per selezionare un canale, quindi premere **OK** per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto **≡ + o ≡ -**.

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.

Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere **TV**, per passare a TV.
2. Premere **≡ CANALI** per aprire l'elenco canali corrente. Selezionare **≡ Tutti i canali** per visualizzare sia i canali TV sia i canali radio. Selezionare **TV** per visualizzare solo i canali TV. Selezionare **➔** per visualizzare solo i canali radio.
3. Premere nuovamente **≡ CANALI** per chiudere l'elenco canali.

Visione dei canali

Sintonizzarsi su un canale

Per guardare i canali TV, premere **TV**. Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere **≡ + o ≡ -**.

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere **← BACK**.

Elenco canali

Mentre si sta guardando un canale TV, premere **≡** per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Durante la visione di un canale, è possibile impostare alcune opzioni.

In base al tipo di canale che si sta guardando (analogico o digitale) o alle impostazioni TV eseguite, sono disponibili alcune opzioni.

Per aprire il menu delle opzioni...

- 1 - Mentre si sta guardando un canale, premere **+** **OPTIONS**.
- 2 - Premere di nuovo **+** **OPTIONS** per chiudere.

10.6

Google Cast

Cosa serve?

Se un'applicazione sul dispositivo mobile dispone di Google Cast, è possibile proiettare l'applicazione sul TV. Nell'applicazione mobile, cercare l'icona di Google Cast. È possibile utilizzare il dispositivo mobile per controllare ciò che viene proiettato sul TV. Google Cast funziona su Android e iOS.

Il dispositivo mobile deve essere collegato alla stessa rete domestica Wi-Fi del TV.

Applicazioni con Google Cast

Ogni giorno, vengono rese disponibili nuove applicazioni Google Cast. È già possibile provarle con YouTube, Chrome, Netflix, Photowall... o Big Web Quiz for Chromecast. Vedere anche google.com/cast

Alcuni prodotti e funzioni di Google Play non sono disponibili in tutti i Paesi.


Ulteriori informazioni

su support.google.com/androidtv

Proiezione sul TV

Per proiettare un'applicazione sullo schermo del TV...

Apertura dell'applicazione Professional Menu e aprire Cast...

- 1 - Aprire l'applicazione Professional Menu.
- 2 - Selezionare **Cast**  e premere **OK** per aprirla o avviarla.
- 3 - Connettere lo smartphone alla TV utilizzando Wi-Fi Direct (eseguire la scansione del codice QR o utilizzare l'SSID WiFi e la password). Aprire un'applicazione che supporta Google Cast.
- 4 - Individuare l'icona di Google Cast.
- 5 - Selezionare il TV su cui si desidera effettuare la

proiezione.

6 - Premere Riproduci sullo smartphone o sul tablet. Sul TV, dovrebbe venire avviata la riproduzione dei contenuti selezionati.

10.7

Giochi

Per aprire l'applicazione Professional Menu e Giochi...

1 - Premere  /  Home per aprire l'applicazione Professional Menu.

2 - Selezionare **Giochi**  e premere **OK**.

Impostazione di gioco ideale

Per alcuni giochi che richiedono velocità e precisione, impostare il televisore sull'impostazione **Gioco** ideale prima di iniziare a giocare.

Se la console di gioco viene aggiunta come tipo di dispositivo **Gioco** nel menu Sorgenti (elenco dei collegamenti), il televisore viene impostato automaticamente sull'opzione di gioco.

Se il tipo di console di gioco in uso viene impostato come **Letto** e utilizzato nella maggior parte dei casi come lettore di dischi, lasciare impostato il tipo di dispositivo su **Letto**.

Per impostare manualmente il televisore sull'opzione ideale. . .

1 - Selezionare  /  Home > **•••** Più >  Impostazioni >  Immagine > Stile immagine.

2 - Selezionare **Gioco** e premere **OK**.

3 - Premere ripetutamente **←**, se necessario, per chiudere il menu. Ricordarsi di reimpostare l'opzione **Gioco** o computer su Off quando si smette di giocare.

10.8

Più

Apertura dell'applicazione Professional Menu e apertura di Più...

1 - Aprire l'applicazione Professional Menu.

2 - Selezionare **•••** Più e premere **OK** per aprirla o avviarla.

3 - Selezionare  Impostazioni.


• Immagine  :

Alternare l'uso degli stili immagine preimpostati. Sono disponibili stili ottimizzati per la visione di film o foto, ecc.

• Suono  :

Alternare l'uso degli stili audio preimpostati. Sono disponibili stili ottimizzati per guardare film, ascoltare

musica o giocare.

• Formato immagine 


Selezionare un formato immagine adatto allo schermo.

• Lingua menu 

Selezionare la lingua e premere OK.

4 - Selezionare  Caratteristiche, e premere OK.


• Imposta sveglia 

consente di impostare una sveglia sul televisore. Il TV può attivarsi in un orario della sveglia definito. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

• Sleep Timer 

La barra di scorrimento consente di impostare il tempo massimo fino a 180 minuti in incrementi di 5 minuti. Se l'impostazione è su 0 minuti, la funzione Sleep timer viene disattivata. È comunque possibile spegnere il televisore prima o reimpostare il tempo durante il conto alla rovescia.

• Meteo 

Visualizza la temperatura osservata, contiene 5 giorni di previsioni meteo per la località attuale. In alternativa, l'ora della sveglia può essere impostata premendo il pulsante  sul telecomando.

• Guida TV:

Impostare il televisore per la ricezione dei dati della guida TV dall'emittente o da Internet.

• TalkBack 

TalkBack consente agli utenti con difficoltà visive di utilizzare il TV attraverso una guida vocale che descrive cosa c'è sullo schermo.

5 - Selezionare Personale  e premere OK.

10.9


Impostazioni professionali

Stile immagine

Selezione di uno stile

Premere  /  Home >  Più >  Impostazioni >  Immagine > Stile immagine.

Per facilitare la regolazione delle immagini, è possibile selezionare un'impostazione predefinita con Stile immagine.

- Personale: le preferenze per le immagini impostate durante la prima accensione.
- Vivace: ideale per la visione di giorno.
- Naturale: impostazioni naturali delle immagini.
-  Standard: l'impostazione migliore per il risparmio energetico (impostazione predefinita)
- Film: ideale per guardare i film.
- Gioco: ideale per giocare
- Computer: ideale per connettere lo schermo di un computer

Formato immagine

Scelta del formato delle immagini

Se l'immagine non riempie tutto lo schermo o se si vedono delle bande nere in alto, in basso o ai lati, è possibile regolare l'immagine affinché riempia completamente lo schermo.

Per selezionare una delle impostazioni di base per riempire lo schermo...

Premere  /  Home >  Più

>  Impostazioni >  Formato immagine.



A seconda dell'immagine sullo schermo, sono disponibili i formati seguenti.

- Schermo largo
- Riempi schermo
- Adatta a schermo
- Non in scala

Stile audio

Selezione di uno stile

Premere  /  Home >  Più






>  Impostazioni >  Suono > Stile audio.

Per facilitare la regolazione del suono, è possibile selezionare un'impostazione predefinita con Stile audio.

- Personale - Le scelte effettuate in Personalizza immagine e audio
- Originale: le impostazioni audio più neutre.
- Film: ideale per guardare i film.
- Musica: ideale per ascoltare la musica.
- Gioco: ideale per giocare.
- Notizie: ideale per la lettura di informazioni.

Lingua

Modifica della lingua dei menu e dei messaggi del TV


Premere  /  Home >  Più >  Impostazioni >  Lingua menu.

Selezionare la lingua e premere OK.

Consumo energetico, controllo

Impostazione dello spegnimento schermo per risparmi sul consumo energetico

Premere  /  Home >  Più > 






Caratteristiche >  Sleep Timer > Spegnim. schermo.



Se si ascolta solo musica sul TV, è possibile disattivare lo schermo TV.

In questo caso, si spegnerà solo lo schermo. Per riaccendere lo schermo, premere un tasto qualsiasi sul telecomando.

destra della schermata dell'applicazione del Professional Menu e premere **OK** . Con la tastiera su schermo, immettere l'indirizzo e-mail e la password, quindi premere lo stesso tasto **OK** per registrarsi.

Impostazione del timer di spegnimento del TV

Premere  /  Home >  Più
>  Caratteristiche >  Sleep Timer > Sleep Timer.

Premere le frecce  (su) o  (giù) per regolare il valore. Il valore 0 (Off) disattiva la funzione di spegnimento automatico.

Selezionare Timer di spegnimento e il TV si spegne automaticamente per risparmiare energia.

* Il TV si spegne se, pur ricevendo un segnale televisivo, non viene premuto un tasto sul telecomando per un periodo di 4 ore.

* Il TV si spegne se non riceve un segnale televisivo né un input dal telecomando per 10 minuti.

* Se si utilizza il televisore come monitor o si utilizza un ricevitore digitale (decoder - STB) per guardare la TV e non si utilizza il telecomando, disattivare la funzione di spegnimento automatico, per impostare il valore su 0.

10.10

Account Google

Accedi

Per sfruttare appieno le funzionalità del TV Philips Android, è possibile accedere a Google con il proprio account Google.

Effettuando l'accesso, sarà possibile giocare ai videogiochi preferiti sul telefono, sul tablet e sul TV. Si riceveranno anche suggerimenti personalizzati su video e musica nella schermata principale del TV e si otterrà l'accesso a YouTube, Google Play e altre applicazioni.

Utilizzare il proprio account Google esistente per accedere a Google sul TV. L'account Google è costituito da un indirizzo e-mail e da una password. Se non si dispone ancora di un account Google, utilizzare il computer o il tablet per crearne uno (accounts.google.com). Se non è stato effettuato l'accesso durante la prima installazione del TV, è possibile sempre effettuarlo in un momento successivo.

Accedi

Premere  /  > Aprire l'app Professional Menu.

Scegliere Gestisci account nella parte superiore

Schermata Home Android TV

11.1

Info sulla schermata Home Android TV

Per sfruttare appieno i vantaggi del TV Android, collegarlo a Internet.

Come su uno smartphone o tablet Android, la schermata Home è il centro di questo televisore. Dalla schermata Home è possibile decidere cosa guardare, sfogliando tra le opzioni di intrattenimento nell'app e nella Live TV. La home page contiene canali per scoprire i fantastici contenuti delle proprie app preferite. È possibile aggiungere anche ulteriori canali o trovare nuove app per visualizzare più contenuti.

11.2

Apertura della schermata Home Android TV

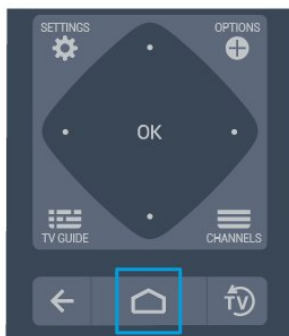
Professional mode ON - Fare riferimento al manuale di installazione.

Professional mode OFF - Per aprire la schermata iniziale della Android TV e aprire un elemento...

1 - Premere Menu e accedere a "Collezione Philips", quindi premere OK.

2 - Selezionare un'attività utilizzando i pulsanti freccia e premere OK per iniziare l'attività.

3 - Per chiudere il menu Home senza modificare l'attività corrente, premere ←.



All'apertura della schermata Home Android TV, l'applicazione in esecuzione in

background/riproduzione dei contenuti sarà interrotta. È necessario selezionare l'applicazione o i contenuti dalla schermata Home Android TV per riprenderne la visione.

11.3

Impostazioni Android TV

Immagine

Impostazioni delle immagini

Stile immagine

Selezione di uno stile

Premere / > Impostazioni > Immagine > Stile immagine.

Per facilitare la regolazione delle immagini, è possibile selezionare un'impostazione predefinita con Stile immagine.

- Personale: le preferenze per le immagini impostate durante la prima accensione.
- Vivace: ideale per la visione di giorno.
- Naturale: impostazioni naturali delle immagini.
- Standard: l'impostazione migliore per il risparmio energetico (impostazione predefinita)
- Film: ideale per guardare i film.
- Gioco: ideale per giocare
- Computer: ideale per connettere lo schermo di un computer

Colore, Contrasto, Nitidezza, Luminosità

Regolazione del colore dell'immagine

Premere / Home > Impostazioni > Immagine > Colore.

Premere le frecce (in alto) o (in basso) per regolare il valore della saturazione del colore dell'immagine.

Regolazione del contrasto dell'immagine

Premere / Home > Impostazioni > Immagine > Contrasto. Premere le frecce (in alto) o (in basso) per regolare il valore del contrasto dell'immagine.

È possibile ridurre il valore del contrasto per diminuire il consumo energetico.



Regolazione della nitidezza dell'immagine

Premere / Home > Impostazioni > Immagine > Nitidezza.

Premere le frecce

Regolazione della luminosità

Premere  /  Home >  Impostazioni > Immagine > Luminosità.

Premere i tasti freccia  (su) o  (giù) per impostare il livello di luminosità del segnale dell'immagine.




Nota: Se si imposta un valore di luminosità molto lontano dal valore di riferimento (50), il contrasto potrebbe essere inferiore.

Impostazioni avanzate dell'immagine

Impostazioni del colore




Impostazioni colore avanzate

Regolazione dell'ottimizzazione dei colori

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Ottimizzazione dei colori.




Selezionare **Massimo**, **Media**, o **Minimo** per configurare il livello di intensità del colore e i dettagli in colori luminosi.



Selezione dell'impostazione predefinita per la temperatura del colore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Temperatura del colore.

Selezionare **Normale**, **Caldo** o **Freddo** per impostare la temperatura del colore che si preferisce.




Personalizzazione della temperatura del colore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Colore > Temperatura colore personalizzata.

Selezionare **Personalizza** nel menu **Temperatura del colore**, per personalizzare una temperatura del colore di preferenza. Premere le frecce  (su) o  (giù) per regolare il valore. WP è il punto di bianco e BL il livello di nero. È anche possibile selezionare una delle impostazioni predefinite in questo menu.

Impostazioni di contrasto avanzate




Modalità di contrasto

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Modalità contrasto.

Selezionare **Normale**, **Ottimizzato per le immagini** oppure **Ottimizzato per il risparmio energetico** per configurare il TV in modo che riduca automaticamente il contrasto, migliori al massimo il consumo energetico o l'esperienza di visualizzazione

dell'immagine. Altrimenti scegliere **Off** per sospendere la regolazione.




Contrasto dinamico



Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Contrasto dinamico.

Selezionare **Massimo**, **Media** o **Minimo** per impostare il livello in cui il TV migliora automaticamente i dettagli nelle aree scure, mediamente illuminate e illuminate dell'immagine.




Contrasto video, Gamma



Contrasto video

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Contrasto video.

Premere i tasti freccia  (su) o  (giù) per regolare il livello di contrasto video.




Gamma

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Contrasto > Gamma.

Premere i tasti freccia  (su) o  (giù) per configurare un'impostazione non lineare per la luminanza e il contrasto dell'immagine.

Impostazioni di nitidezza avanzate




Risoluzione Ultra

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Nitidezza > Risoluzione Ultra.

Selezionare **On** per una nitidezza superiore delle linee e dei dettagli.

Cancellazione immagine




Riduz. rumore

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Cancellazione immagine > Riduz. rumore.

Selezionare **Massimo**, **Media** o **Minimo** per configurare il livello di rimozione del rumore nei contenuti video.

Il rumore è visibile principalmente come puntini in movimento nell'immagine sullo schermo.

Nitidezza, Riduzione artefatti MPEG

Premere  /  Home >  Impostazioni > Immagine > Avanzate > Cancellazione immagine > Riduzione artefatti MPEG.





Selezionare Massimo, Media o Minimo per ottenere vari gradi di fluidità degli artefatti nei contenuti video digitali.

Gli artefatti MPEG sono per lo più visibili come piccoli blocchi o bordi frastagliati nelle immagini sullo schermo.

Formato immagine

Se l'immagine non riempie tutto lo schermo o se si vedono delle bande nere in alto, in basso o ai lati, è possibile regolare l'immagine affinché riempia completamente lo schermo.

Per selezionare una delle impostazioni di base per riempire lo schermo...

- 1 - Mentre si guarda un canale TV, premere  /  Home >  Impostazioni > Immagine > Formato immagine.
- 2 - Selezionare un formato dall'elenco e premere OK.
- 3 - Premere  BACK, ripetutamente se necessario, per chiudere il menu.




A seconda dell'immagine sullo schermo, sono disponibili i seguenti formati. . .

- Schermo largo
- Riempi schermo
- Adatta a schermo
- Non in scala

Suono

Stile audio

Selezione di uno stile

Premere  /  Home >  Impostazioni > Suono > Stile audio.

Per facilitare la regolazione del suono, è possibile selezionare un'impostazione predefinita con Stile audio.

- Personale - Le scelte effettuate in Personalizza immagine e audio
- Originale: le impostazioni audio più neutre.
- Film: ideale per guardare i film.
- Musica: ideale per ascoltare la musica.
- Gioco: ideale per giocare.
- Notizie: ideale per la lettura di informazioni.

Gestione del suono




Selezionare un dispositivo.

Premere  /  Home >  Impostazioni > Suono > Gestione del suono.

Configurazione dei dispositivi di uscita audio.

- Altoparlanti TV - Imposta il TV per riprodurre l'audio sul TV o sul sistema audio collegato.
- Altoparlanti Headphone/Bathroom - On/Off.
- Cuffie/bagno vol altop. fisso - Se è abilitata, il livello del volume di cuffie/bagno sarà fisso sulle impostazioni di accensione.
- Rilevamento cuffie - On/Off.

Posizione TV




Premere  /  Home >  Impostazioni > Suono > Posizione TV.

Selezionare Su supporto TV o Sulla parete per una riproduzione migliore dell'audio, a seconda dell'impostazione.



All'avanguardia

Consumo energetico, controllo

Sleptimer

Premere  /  Home >  Impostazioni > Impostazioni Eco > Sleep Timer.

Imposta il TV per passare automaticamente in standby dopo un periodo di tempo specificato. Per disabilitare questa funzione, impostare l'orario su zero.

Premere le frecce  (su) o  (giù) per regolare il valore. Il valore 0 (Off) disattiva la funzione di spegnimento automatico.



Selezionare Timer di spegnimento e il TV si spegne automaticamente per risparmiare energia.

* Il TV si spegne se, pur ricevendo un segnale televisivo, non viene premuto un tasto sul telecomando per un periodo di 4 ore.

* Il TV si spegne se non riceve un segnale televisivo né un input dal telecomando per 10 minuti.

* Se si utilizza il televisore come monitor o si utilizza un ricevitore digitale (decoder - STB) per guardare la TV e non si utilizza il telecomando, disattivare la funzione di spegnimento automatico, per impostare il valore su 0.

Spegnimento schermo




Premere  /  Home >  Impostazioni > Impostazioni Eco > Spegnimento schermo.

Se si ascolta solo musica sul TV, è possibile disattivare lo schermo TV.

In questo caso, si spegnerà solo lo schermo. Per riaccendere lo schermo, premere un tasto qualsiasi sul telecomando.

Regione, e lingua




lingue

Premere  /  Home >  Impostazioni > Regione, e Lingua > Lingue.

Configura le impostazioni della regione o delle lingue.

- Lingua menu/sistema Android - Modifica la lingua di menu e messaggi.
- Lingua audio principale - Imposta la preferenza principale per la lingua audio nelle trasmissioni.
- Lingua audio secondaria - Imposta la preferenza successiva per la lingua audio nelle trasmissioni.
- Lingua sottotitoli principale - Imposta la preferenza principale per la lingua dei sottotitoli nelle trasmissioni.
- Lingua sottotitoli secondaria - Imposta la preferenza successiva per la lingua dei sottotitoli nelle trasmissioni.
- Lingua televideo principale - Imposta la preferenza principale per la lingua del televideo nelle trasmissioni.
- Lingua televideo secondario - Imposta la preferenza successiva per la lingua del televideo nelle trasmissioni.

Impostazioni di accesso universale

Premere    Accessibilità > Accesso universale.

Se si attiva Accesso universale, il televisore viene predisposto per l'uso da parte di persone con problemi di udito o di vista.

Accensione delle impostazioni di accesso universale

Premere    Accessibilità > Accesso universale > On.

Accesso universale per non udenti

Premere    Accessibilità > Accesso universale > Non udenti > On.

- Alcuni canali televisivi digitali trasmettono audio e sottotitoli speciali adatti a persone con handicap uditivi.



- Se l'opzione è attiva, il TV passa automaticamente all'audio e ai sottotitoli speciali, se disponibili.

Accesso universale per non vedenti o ipovedenti

Premere    Accessibilità > Accesso universale > Descrizione audio > Descrizione audio > On.

I canali TV digitali possono trasmettere commenti audio speciali che descrivono ciò che accade sullo schermo.

 Impostazioni > Accessibilità > Accesso universale > Descrizione audio > Volume misto, Effetti audio, Voce.

- Selezionare Volume misto, così è possibile combinare il volume dell'audio normale con i commenti audio. Premere le frecce  (su) o  (giù) per regolare il valore.
- Impostare Effetti audio su On per ottenere effetti audio aggiuntivi nell'audio del commento, come stereo o dissolvenza.
- Selezionare Voce per impostare la preferenza vocale, Descrittivo o Sottotitoli.

Blocco contenuti

Livello di classificazione

Premere   

Per evitare che i bambini guardino un programma non adatto alla loro età, è possibile impostare una fascia d'età. I canali digitali possono avere programmi classificati per fascia d'età. Quando la fascia d'età indicata da un programma è uguale o superiore a quella dell'età impostata, il programma viene bloccato. Per guardare un programma bloccato, è necessario immettere il codice.

Per impostare una fascia d'età

Premere   

Selezionare l'età e premere OK. Per disattivare il blocco per fascia d'età, selezionare Nessuno. Tuttavia, in alcuni paesi è necessario impostare una fascia di età.

Imposta codice e Modifica codice

Premere  /  Home >  Impostazioni > Classificazione contenuti.

Il codice per Blocco bambini viene utilizzato per

bloccare o sbloccare canali o programmi.

Impostare il nuovo codice o ripristinare il codice modificato.

Premere  /  Home >  Impostazioni > Classificazione contenuti > Modifica codice.

Nota:

se si dimentica il codice PIN, è possibile sovrascrivere il codice attuale **8888** e inserirne uno nuovo.

11.4

Collegamento del TV Android

Rete e Internet

Rete domestica

Per sfruttare appieno le funzionalità del TV Philips Android, è necessario connetterlo a Internet.

Collegare il TV a una rete domestica con connessione a Internet ad alta velocità. È possibile collegare il TV al router di rete sia in modalità wireless che cablata.

Connetti a rete

Connessione wireless

Cosa serve?





Per collegare il TV a Internet in modalità wireless, è necessario un router Wi-Fi con connessione a Internet.

Utilizzare una connessione Internet ad alta velocità (banda larga).



Connessione

Connessione - WIRELESS

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WIRELESS.

1 - Nell'elenco delle reti rilevate, selezionare la propria rete wireless. Se la rete non è presente

nell'elenco, perché il nome della rete è nascosto (trasmissione SSID del router disattivata), selezionare Aggiungi nuova rete per immettere manualmente il nome.

2 - A seconda del tipo di router, immettere la chiave di crittografia (WEP, WPA o WPA2). Se la chiave di crittografia per questa rete è già stata inserita, selezionare OK per eseguire immediatamente la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Connessione - WPS

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WPS.





Se il router è dotato di WPS, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

1 - Premere il pulsante WPS sul router e tornare al TV entro 2 minuti.

2 - Selezionare Connetti per eseguire la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Connessione - WPS con codice PIN

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WPS con codice PIN.

Se il router è dotato di WPS con codice PIN, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

1 - Scrivere il codice PIN a 8 cifre che viene mostrato sullo schermo e inserirlo nel software del router sul PC. Per sapere dove inserire il codice PIN nel software del router, consultare il manuale del router.

2 - Selezionare Connetti per eseguire la connessione.

3 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Problemi

Rete wireless non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.

• Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

• Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

• Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.

• Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

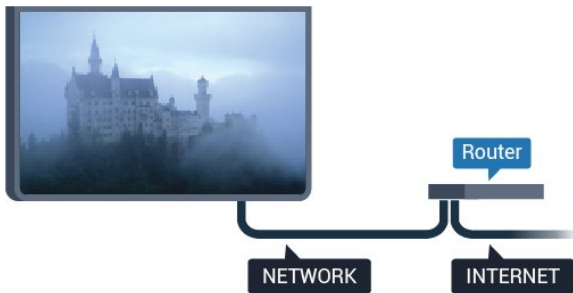
DHCP

• Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Connessione cablata





Cosa serve?

Per collegare il TV a Internet, è necessario un router di rete con connessione a Internet. Utilizzare una connessione Internet ad alta velocità (banda larga).



Connessione

Connessione - CABLATA

Premere  /  Home >  Impostazioni >  Wireless e reti > Connetti a rete > WIRED.

1 - Collegare il router al TV mediante un cavo di rete (cavo Ethernet**).

2 - Assicurarsi che il router sia acceso.

3 - Il TV ricerca costantemente la connessione di rete.





4 - Una volta eseguita la connessione, viene visualizzato un messaggio.

Se la connessione non riesce, verificare l'impostazione DHCP del router. DHCP deve essere attivato.

**Per la conformità alle normative EMC, utilizzare un cavo Ethernet FTP Cat. 5E schermato.





Impostazioni

Visualizza impostazioni di rete

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Visualizza impostazioni di rete.





In questo campo, vengono visualizzate tutte le impostazioni di rete correnti. Gli indirizzi IP e MAC, la potenza del segnale, la velocità, il metodo di codifica, ecc.

Configurazione di rete - DHCP/IP statico

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Configurazione di rete > DHCP/IP statico.

Seleziona DHCP. In alternativa, gli utenti esperti possono configurare la rete tramite indirizzo IP statico.





Configurazione di rete - Configurazione IP statico

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Configurazione IP statico.

1 - Selezionare Configurazione IP statica e configurare la connessione.





2 - È possibile impostare il numero per le opzioni Indirizzo IP, Netmask, Gateway, DNS 1 o DNS 2.

Wake on LAN (WoL)

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Wake on LAN (WoL).



Disattiva/attiva Wake on LAN (WoL). È possibile riattivare il TV utilizzando un dispositivo esterno sulla stessa rete LAN.

Wake on Wi-Fi (WoWLAN)

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Wake on Wi-Fi (WoWLAN).

Disattiva/attiva Wake on Wi-Fi (WoWLAN). È possibile riattivare il TV utilizzando un dispositivo esterno sulla stessa rete Wi-Fi.

Tipo di rete

Premere  /  Home >  Impostazioni >  Wireless e reti > Impostazioni > Tipo di rete.

- Cablato - Connessione a una rete cablata.
- Wireless - Nell'elenco delle reti rilevate, selezionare la propria rete wireless. Se la rete non è presente nell'elenco, perché il nome della rete è nascosto (trasmissione SSID del router disattivata), selezionare Aggiungi nuova rete per immettere manualmente il nome.
- WPS - Se il router è dotato di WPS, è possibile

connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

- WPS con codice PIN - Se il router è dotato di WPS con codice PIN, è possibile connettersi direttamente al router senza eseguire la ricerca delle reti. Se nella rete wireless sono presenti dispositivi che utilizzano il sistema di codifica di protezione WEP, non è possibile utilizzare il WPS.

Account Google

Accedi

Per sfruttare appieno le funzionalità del TV Philips Android, è possibile accedere a Google con il proprio account Google.

Effettuando l'accesso, sarà possibile giocare ai videogiochi preferiti sul telefono, sul tablet e sul TV. Si riceveranno anche suggerimenti personalizzati su video e musica nella schermata principale del TV e si otterrà l'accesso a YouTube, Google Play e altre applicazioni.

Utilizzare il proprio **account Google** esistente per accedere a Google sul TV. L'account Google è costituito da un indirizzo e-mail e da una password. Se non si dispone ancora di un account Google, utilizzare il computer o il tablet per crearne uno (accounts.google.com). Per giocare ai videogiochi con Google Play, è necessario un profilo Google+. Se non è stato effettuato l'accesso durante la prima installazione del TV, è possibile sempre effettuarlo in un momento successivo.

Accedi


Premere  Home >  Applicazioni > Google Play.

Con la tastiera su schermo, immettere l'indirizzo e-mail e la password, quindi premere lo stesso tasto **OK** per registrarsi.

Impostazioni Android

È possibile configurare o visualizzare diverse informazioni o impostazioni specifiche di Android. È possibile individuare l'elenco delle applicazioni installate sul TV e lo spazio di archiviazione necessario. È possibile impostare la lingua che si desidera utilizzare per la ricerca vocale. È possibile configurare la tastiera su schermo o consentire alle applicazioni di utilizzare la propria posizione. Esplorare le diverse impostazioni di Android. Per ulteriori informazioni su queste impostazioni, è possibile accedere al sito Web www.support.google.com/androidtv.

Per aprire queste impostazioni

Premere  /  Home >  Impostazioni > Impostazioni > Impostazioni Android.






11.5

Canali

Elenchi di canali

Info sugli elenchi di canali

Dopo l'installazione di un canale, tutti i canali vengono visualizzati nell'elenco dei canali. I canali vengono mostrati con il loro nome e logo se tali informazioni sono disponibili.




Con un elenco di canali selezionato, premere la freccia  (su) o  (giù) per selezionare un canale, quindi premere **OK** per guardare il canale selezionato. È possibile sintonizzarsi solo sui canali inclusi in tale elenco utilizzando il tasto  +  o  -.

Stazioni radio

Se sono disponibili trasmissioni digitali, le stazioni radio digitali vengono sintonizzate durante l'installazione. Selezionare un canale radio esattamente come per un canale TV.


Apertura di un elenco di canali

Per aprire l'elenco dei canali corrente...

1. Premere , per passare a TV.
2. Premere  per aprire l'elenco canali attuale.
3. Premere nuovamente  per chiudere l'elenco canali.

Visione dei canali


Sintonizzarsi su un canale

Per guardare i canali TV, premere . Il televisore si sintonizza sull'ultimo canale guardato.

Cambio del canale

- Per cambiare canale, premere  +  o  -.

Canale precedente

- Per tornare al canale sintonizzato in precedenza, premere  **BACK**.

Elenco canali

Mentre si sta guardando un canale TV,

premere **≡** per aprire le liste canali.

Opzioni per i canali

Apertura delle opzioni

Interfaccia standard

Se è stato installato un modulo CAM in uno degli alloggiamenti di interfaccia comune, è possibile visualizzare il modulo CAM e le informazioni sull'operatore oppure configurare alcune informazioni relative al modulo CAM.

Per visualizzare le informazioni relative al modulo CAM...

- 1 - Sintonizzarsi sul canale, premere **+** **OPTIONS**.
- 2 - Selezionare **Interfaccia comune**.
- 3 - Selezionare l'alloggiamento di interfaccia comune appropriato e premere **➤** (destra).
- 4 - Selezionare l'operatore TV del modulo CAM e premere **OK**. Le schermate che seguiranno provengono dall'emittente televisiva.

Sottotitoli

Lingua sottotitoli

Lingue sottotitoli preferite

Una trasmissione digitale può offrire diverse lingue di sottotitoli per un programma. È possibile impostare una lingua principale e secondaria per i sottotitoli. Il TV mostrerà i sottotitoli in una delle lingue impostate, se disponibili.

Per impostare la lingua principale e secondaria dei sottotitoli...

- 1 - Premere **⌂** / **🏠** Home. Premere **▼** (verso il basso), selezionare **Impostazioni** e premere **OK**.
- 2 - Selezionare Regione e lingua > Lingue > Lingua sottotitoli principale o Lingua sottotitoli secondaria.

- 3 - Selezionare la lingua desiderata e premere **OK**.
- 4 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Selezione della lingua per i sottotitoli

Se nessuna delle lingue preferite per i sottotitoli è disponibile, è possibile selezionare un'altra lingua dei sottotitoli se disponibile. Se nessuna lingua dei sottotitoli è disponibile, non è possibile selezionare questa opzione.

Per selezionare una lingua dei sottotitoli quando

nessuna delle lingue preferite è disponibile...

- 1 - Premere **+** **OPTIONS**.
- 2 - Selezionare **Lingua sottotitoli** e selezionare una delle lingue da utilizzare temporaneamente per i sottotitoli.

Lingua audio

Lingua audio preferita

Una trasmissione digitale può offrire diverse lingue audio (lingue parlate) per un programma. È possibile impostare una lingua audio principale e secondaria preferita. Il televisore attiverà l'audio in una di queste lingue, se disponibile.

Per impostare la lingua audio principale e secondaria...

- 1 - Premere **⌂** / **🏠** Home. Premere **▼** (in basso), selezionare **Impostazioni** e premere **OK**.
- 2 - Selezionare Regione e lingua, quindi selezionare Lingue > Lingua audio principale o Lingua audio secondaria.

- 3 - Selezionare la lingua desiderata e premere **OK**.
- 4 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Selezione di una lingua audio

Se nessuna delle lingue audio preferite è disponibile, è possibile selezionare un'altra lingua audio tra quelle disponibili. Se nessuna lingua audio è disponibile, non è possibile selezionare questa opzione.

Per selezionare una lingua audio quando nessuna delle lingue preferite è disponibile...

- 1 - Premere **+** **OPTIONS**.
- 2 - Selezionare **Lingua audio** e selezionare una delle lingue da utilizzare temporaneamente per l'audio.

Info canale

Visualizzazione dei dettagli del canale

Per richiamare i dettagli del canale selezionato...

- 1 - Sintonizzarsi sul canale.
- 2 - Premere **+** **OPTIONS**, selezionare **Info canale** e premere **OK**.
- 3 - Per chiudere questa schermata, premere **OK**.

Mono/Stereo

È possibile far passare l'audio di un canale analogico da Mono a Stereo e viceversa.

Per impostare l'audio in modalità Mono o Stereo...

- 1 - Sintonizzarsi su un canale analogico.
- 2 - Premere **+** **OPTIONS**, selezionare **Mono/Stereo** e premere **➤** (destra).
- 3 - Selezionare **Mono** o **Stereo** e premere **OK**.
- 4 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Info sui programmi

Visualizzazione dei dettagli del programma

Per richiamare i dettagli del programma selezionato...

- 1 - Sintonizzarsi sul canale.
- 2 - Premere **+** **OPTIONS**, selezionare **Info sui programmi** e premere **OK**.
- 3 - Per chiudere questa schermata, premere **OK**.

11.6

Installazione canale

Installazione dei canali

Installazione via antenna/cavo

Cerca canali

È possibile reinstallare tutti i canali lasciando invariate tutte le altre impostazioni del televisore.

Se è stato impostato un codice PIN, è necessario immettere tale codice prima di eseguire la reinstallazione dei canali.

Per cercare canali...

- 1 - Premere **🏠 / 🏠 Home** > **⚙️ Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario. Selezionare **Cerca canali** e premere **OK**. Selezionare **Avvia** e premere **OK**. Selezionare il Paese in cui ci si trova in quel momento e premere **OK**. Selezionare **Avvia** e premere **OK**. Selezionare il tipo di installazione desiderato, ossia **Antenna (DVB-T)** o **Cavo (DVB-C)**, e premere **OK**. Selezionare **Avanti** e premere **OK**. Selezionare il tipo di canali desiderato, ossia **Canali digitali e analogici** o **Solo canali digitali**, e

Selezionare **OK** **Avanti** e premere **OK** per aggiornare i canali digitali. L'operazione può richiedere alcuni minuti.

Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Aggiornamento automatico canali

Se si ricevono canali digitali, è possibile impostare il televisore in modo da aggiornare automaticamente l'elenco.

Una volta al giorno, alle ore 6, il TV aggiorna i canali e salva quelli nuovi. I nuovi canali vengono memorizzati nell'elenco canali e sono contrassegnati con il simbolo **★**. I canali senza un segnale vengono rimossi. Per l'aggiornamento automatico dei canali, il TV deve trovarsi in modalità standby. È possibile disattivare l'aggiornamento automatico canali.

Per disattivare l'aggiornamento automatico...

- 1 - Premere **🏠 / 🏠 Home** > **⚙️ Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario.
- 4 - Selezionare **Aggiornamento automatico canali** e premere **OK**.
- 5 - Selezionare **Off** e premere **OK**.
- 6 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

Canale, Aggiornamento automatico canali

Se vengono rilevati nuovi canali o se i canali vengono aggiornati o rimossi, viene visualizzato un messaggio all'avvio del TV. Per evitare che questo messaggio compaia dopo ogni aggiornamento dei canali, è possibile disattivarlo.

Per disattivare il messaggio...





- 1 - Premere **🏠 / 🏠 Home** > **⚙️ Impostazioni** > **Installa canali** e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Immettere il codice PIN, se necessario.
- 4 - Selezionare **Aggiornamento automatico canali** e premere **OK**.
- 5 - Selezionare **Off** e premere **OK**.
- 6 - Premere **◀** (sinistra) per tornare indietro di un passaggio o premere **←** **BACK** per chiudere il menu.

In alcuni Paesi, l'aggiornamento automatico dei canali viene eseguito durante la visione di un programma o quando il televisore si trova in modalità standby.

Digitale: Installazione manuale

I canali televisivi digitali possono essere installati manualmente uno alla volta.




Per installare manualmente i canali digitali...

- 1 - Premere  /  Home >  Impostazioni > Installa canali e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Selezionare **Digitale: installazione manuale** e premere **OK**.
- 4 - Selezionare **Ricerca** e premere **OK**. È possibile immettere personalmente una frequenza per trovare un canale o attivare la ricerca automatica di un canale sul TV. Premere  (destra) per selezionare **Ricerca**, quindi premere **OK** per attivare la ricerca automatica di un canale. Il canale trovato viene visualizzato sullo schermo; se la ricezione non è ottimale, premere nuovamente **Ricerca**. Se si desidera memorizzare il canale, selezionare **Compiuto** e premere **OK**.

Analogico: Installazione manuale

I canali televisivi analogici possono essere installati manualmente uno alla volta.


Per installare manualmente i canali analogici...

- 1 - Premere  /  Home >  Impostazioni > Installa canali e premere **OK**.
- 2 - Selezionare **RF Installazione canale** e premere **OK**.
- 3 - Selezionare **Analogico: installazione manuale** e premere **OK**.

• Sistema

Per impostare il sistema TV, selezionare **Sistema**. Selezionare il proprio paese o la parte del mondo in cui ci si trova e premere **OK**.

• Cerca canale

Per trovare un canale, selezionare **Cerca canale** e premere **OK**. È possibile immettere personalmente una frequenza per trovare un canale o attivare la ricerca automatica di un canale sul TV. Premere  (destra) per selezionare **Ricerca**, quindi premere **OK** per attivare la ricerca automatica di un canale. Il canale trovato viene visualizzato sullo schermo; se la ricezione non è ottimale, premere nuovamente **Ricerca**. Se si desidera memorizzare il canale, selezionare **Compiuto** e premere **OK**.

• Memorizza

Un canale può essere salvato nella posizione corrente o in corrispondenza di un nuovo numero di canale. Selezionare **Memorizza canale attivo** o **Memorizza come nuovo canale** e premere **OK**. Viene visualizzato brevemente il nuovo numero di canale.

È possibile effettuare nuovamente questi passaggi finché non sono stati trovati tutti i canali televisivi

analogici disponibili.

11.7









Internet

Avvio di Internet

È possibile navigare in Internet sul TV. È possibile visualizzare qualsiasi sito Internet, anche se la maggior parte non è adatta per la visualizzazione su schermo TV.

- Alcuni plug-in (per la visualizzazione delle pagine o dei video) non sono disponibili sul TV.
- Non è possibile inviare o scaricare file.
- Le pagine Internet vengono visualizzate una alla volta e a schermo intero.


Per avviare il browser per Internet...

- 1 - Premere  /  HOME.
- 2 - Scorrere giù e selezionare  Applicazioni >  Internet e premere **OK**.
- 3 - Immettere un indirizzo Internet e selezionare , quindi premere **OK**.
- 4 - Per chiudere Internet, premere  /  HOME o .

Opzioni su Internet

Sono disponibili alcuni extra per Internet.

Per aprire gli extra...

- 1 - Con il sito Web aperto, premere  **OPTIONS**.
 - 2 - Selezionare uno degli elementi e premere **OK**.
- Aggiungi a composizione rapida: Consente di immettere un nuovo indirizzo Internet.
 - Aggiungi a segnalibri: aggiunge la pagina come segnalibro
 - Protezione pagina: Consente di visualizzare il livello di sicurezza della pagina corrente.
 - Nuova scheda in privato: consente l'apertura di una nuova scheda per avviare la navigazione in privato
 - Impostazioni: le impostazioni per Zoom, Dimensioni testo, modalità Accessibilità, Mostra sempre barra dei menu e cancellazione della cronologia (navigazione)
 - Guida: informazioni sul browser Internet
 - Esci da browser Internet: permette di chiudere il browser Internet




Smartphone e tablet

Software

Aggiorna software

Versione software

Per controllare la versione software del TV...

- 1 - Premere  / , selezionare **Impostazioni**  e premere **OK**.
- 2 - Selezionare **Aggiorna software** > **Firmware attuale** e premere **OK**.
- 3 - Vengono visualizzate la versione, le note di rilascio e la data di creazione.
- 4 - Premere **◀** (sinistra) più volte, se necessario, per chiudere il menu.

Aggiornamento dal sito Web

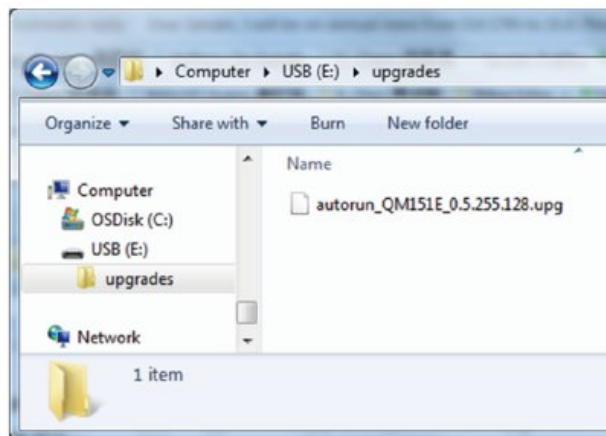
È possibile trovare la versione del firmware attuale della TV nel menu delle impostazioni in "Aggiorna software" > "Firmware attuale".

Visitare regolarmente il sito www.philips.com/support per i nuovi aggiornamenti del firmware.

Seguire le istruzioni riportate di seguito per aggiornare il firmware del TV.

Per scaricare il software più recente...

- 1 - Avviare Internet Explorer.
- 2 - Accedere al sito Philips di assistenza all'indirizzo <http://www.philips.com/support>.
- 3 - Inserire il numero di modello. (Il numero di modello è riportato sull'etichetta sulla parte posteriore del TV.)
- 4 - Una volta sulla pagina prodotto del proprio TV, selezionare Assistenza.
- 5 - Selezionare "Aggiornamenti software", e fare clic su "Scarica file" per scaricare il software. (Il software è disponibile sotto forma di file zip.)
- 6 - Se la versione del software è successiva a quella installata nel televisore, fare clic sul link per il download del software.
- 7 - Accettare il contratto di licenza/i Termini e condizioni, selezionare "Accetto", quindi il file zip sarà scaricato automaticamente.
- 8 - Decomprimere il file zip in una qualsiasi directory utilizzando l'utilità di archiviazione.
- 9 - Creare una cartella denominata "aggiornamenti" nella directory principale dell'unità flash USB.
- 10 - Copiare il file upg estratto in precedenza nella cartella degli aggiornamenti, come mostrato nell'immagine sottostante.
- 11 - Scollegare l'unità flash USB dal computer.



Per aggiornare il software...

- 1 - Collegare l'unità flash USB (contenente l'aggiornamento del software) al connettore USB del televisore. Attendere 30 secondi o finché l'unità USB non viene riconosciuta dal televisore.
- 2 - Il televisore inizierà automaticamente a caricare il software.
- 3 - Al termine del caricamento del software, premere "Avvia" per avviare l'aggiornamento del televisore.

Software open source

Licenza open source

Info sulla licenza open source

File README per il codice sorgente delle parti del software televisivo TP Vision Netherlands B.V. concesse su licenze di tipo open source.

Questo documento descrive la distribuzione del codice sorgente utilizzato sul software televisivo TP Vision Netherlands B.V., che rientra nella Licenza pubblica generica GNU (GPL) o nella Licenza pubblica generica attenuata GNU (LGPL) o in qualsiasi altra licenza open source. Le istruzioni per ottenere copie del software possono essere reperite nelle istruzioni per l'uso.

TP Vision Netherlands B.V. NON OFFRE ALCUNA GARANZIA, ESPRESSA O IMPLICITA, INCLUSE GARANZIE DI COMMERCIALIZZABILITÀ O IDONEITÀ A UN PARTICOLARE SCOPO, PER CIÒ CHE CONCERNE IL SOFTWARE. TP Vision Netherlands B.V. non offre assistenza per il software. Quanto appena espresso non riguarda le garanzie e i diritti statuari derivanti dall'acquisto dei prodotti TP Vision Netherlands B.V. È applicabile solo al codice sorgente messo a disposizione.

Open Source

Android (9.0.0)

This tv contains the Android Pie Software. Android is a Linux-based operating system designed primarily for touchscreen mobile devices such as smartphones and tablet computers. This software will also be reused in TPVision Android based TV's. The original download site for this software is : <https://android.googlesource.com/> This piece of software is made available under the terms and conditions of the Apache license version 2, which can be found below. Android APACHE License Version 2 (<http://source.android.com/source/licenses.html>) This includes all external sources used by official Android AOSP.

linux kernel (4.9)

This tv contains the Linux Kernel. The original download site for this software is : <http://www.kernel.org/>. This piece of software is made available under the terms and conditions of the GPL v2 license, which can be found below. Additionally,

following exception applies : "NOTE! This copyright does *not* cover user programs that use kernel services by normal system calls - this is merely considered normal use of the kernel, and does *not* fall under the heading of "derived work". Also note that the GPL below is copyrighted by the Free Software Foundation, but the instance of code that it refers to (the linux kernel) is copyrighted by me and others who actually wrote it. Also note that the only valid version of the GPL as far as the kernel is concerned is `_this_` particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless explicitly otherwise stated. Linus Torvalds"

MBED TLS (2.6.0)

Cryptographic and SSL/TLS capabilities used in Hue Streaming feature. The original download site for this software is : <https://tls.mbed.org/> . This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

aacenc (3.3.3)

Encoder AAC Bitstream. The original download site for this software is : <http://c-ares.haxx.se/> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

alsa (1.0.24.1)

Advanced Linux Sound Architecture (ALSA). The original download site for this software is : <http://www.alsa-project.org> . This piece of software is made available under the terms and conditions of the LGPL 2.0.1, which can be found below.

appweb (4.3.5)

The original download site for this software is : <http://www.appwebserver.org/> . This piece of software is made available under the terms and conditions of the GPL 2.0, which can be found below.

atf (1.3)

Arm-Trusted-Firmware. The original download site for this software is : <https://github.com/ARM-software/arm-trusted-firmware> . This piece of software is made available under the terms and conditions of the BSD, which can be found below.

bash (3.2.48)

The shell, or command language interpreter. The original download site for this software is : <http://www.gnu.org/software/bash/> . This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

bluetooth_mw (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/syste>

m/bt .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

bluetooth_stack (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/system/bt> .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

bluetooth_tool (1.0)

BT Stack. The original download site for this software is : <https://android.googlesource.com/platform/system/bt> .This piece of software is made available under the terms and conditions of the Apache 2.0 license, which can be found below.

boost (1.15.0)

Mainly use for encfs. The original download site for this software is : <http://www.boost.org/> .This piece of software is made available under the terms and conditions of the Boost Software License - Version 1.0, which can be found below.

busybox (1.15.3)

BusyBox combines tiny versions of many common UNIX utilities into a single small executable. The original download site for this software is : <http://www.busybox.net/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

c-ares (1.12.0)

c-ares is a C library that performs DNS requests and name resolves asynchronously. The original download site for this software is : <http://c-ares.haxx.se/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

cJSON (1.7.7)

The original download site for this software is : <http://sourceforge.net/projects/cjson> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

coreutils (6.9)

Command like cp dd cat chroot. The original download site for this software is : <http://www.gnu.org/software/coreutils/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libcurl (7.59.0)

libcurl is a free and easy-to-use client-side URL transfer library, supporting DICT, FILE, FTP, FTPS, Gopher, HTTP, HTTPS, IMAP, IMAPS, LDAP, LDAPS,

POP3, POP3S, RTMP, RTSP, SCP, SFTP, SMTP, SMTPS, Telnet and TFTP. libcurl supports SSL certificates, HTTP POST, HTTP PUT, FTP uploading, HTTP form based upload, proxies, cookies, user+password authentication (Basic, Digest, NTLM, Negotiate, Kerberos), file transfer resume, http proxy tunneling and more!The original download site for this software is : <http://curl.haxx.se/libcurl/COPYRIGHT> AND PERMISSION NOTICECopyright (c) 1996 - 2010, Daniel Stenberg, daniel@haxx.se.All rights reserved.Permission to use, copy, modify, and distribute this software for any purposewith or without fee is hereby granted, provided that the above copyrightnotice and this permission notice appear in all copies.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. INNO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.Except as contained in this notice, the name of a copyright holder shall notbe used in advertising or otherwise to promote the sale, use or other dealingsin this Software without prior written authorization of the copyright holder.

dfb (1.5.3)

The original download site for this software is : <http://www.directfb.org> .This piece of software is made available under the terms and conditions of the LGPL 2.0 license, which can be found below.

dibbler (1.0.1)

Dibbler is for implement dhcpv6 client. The original download site for this software is : <http://klub.com.pl/dhcpv6/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

dosfstools (2.9)

Create an MS-DOS file system under Linux. The original download site for this software is : <http://daniel-baumann.ch/files/software/dosfstools> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

e2fsprogs (1.41.14)

The original download site for this software is : <http://e2fsprogs.sourceforge.net> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

electric-fence (2.1.13)

Used for memory corruption detection. The original download site for this software is : http://perens.com/FreeSoftware/ElectricFence/electric-fence_2.1.13-0.1.tar.gz .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

encfs (1.3.2)

Use to encrypt file or dir. The original download site for this software is : <http://www.arg0.net/encfs> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

expat (2.1.0)

Xml paser; Expat is an XML parser library written in C. It is a stream-oriented parser in which an application registers handlers for things the parser might find in the XML document (like start tags). An introductory article on using .The original download site for this software is : <http://expat.sourceforge.net/> .

findutils (4.2.31)

The original download site for this software is : <http://www.gnu.org/software/findutils/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

freetype (2.7.1)

FreeType 2 is a software font engine that is designed to be small, efficient, highly customizable, and portable while capable of producing high-quality output (glyph images). The original download site for this software is : <http://freetype.sourceforge.net> .

fuse (2.8.4)

Fuse is a simple interface for userspace programs to export a virtual filesystem to the linux kernel. The original download site for this software is : <http://sourceforge.net/projects/fuse> .This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2 license, which can be found below.

fusion (8.7.0)

The original download site for this software is : <https://www.openhub.net/p/linuxfusion> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gawk (3.1.5)

The original download site for this software is : <http://www.gnu.org/software/gawk/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gdisk (0.8.1)

The original download site for this software is : <http://www.rodsbooks.com/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

glibc (2.18)

The original download site for this software is : <http://www.gnu.org/software/libc> .This piece of software is made available under the terms and conditions of the LGPL 2.0.1 license, which can be found below.

googletest (1.7.0)

The original download site for this software is : <https://github.com/google/googletest> .This piece of software is made available under the terms and conditions of the BSD-3 license, which can be found below.

grep (2.5.1a)

The original download site for this software is : <http://www.gnu.org/software/grep/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

gzip (1.3.12)

The original download site for this software is : <http://www.gnu.org/software/gzip/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

harfbuzz (1.4.2)

Libpng, a text shaping library. The original download site for this software is : <http://harfbuzz.org/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

icu (51.1)

ICU is a mature, widely used set of C/C++ and Java libraries providing Unicode and Globalization support for software applications. The original download site for this software is : <http://site.icu-project.org> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

inetutils (1.4.2)

The original download site for this software is : <http://www.gnu.org/software/inetutils/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

iptables (1.4.15)

Iptables is a user space application program that allows a system administrator to configure the tables

provided by the Linux kernel firewall (implemented as different Netfilter modules) and the chains and rules it stores. Different kernel modules and programs are currently used for different protocols; iptables applies to IPv4. The original download site for this software is : <https://android.googlesource.com/> . This piece of software is made available under the terms and conditions of the GPL 2.0.

iputils (s20101006)

Set of small useful utilities for Linux networking. The original download site for this software is : <http://www.skbuff.net/iputils/> . This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

jansson (2.4)

set of small useful utilities for Linux networking. The original download site for this software is : <http://www.digip.org/jansson/> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

jpeg (6b)

The 'libjpeg' library used for jpeg image decode. The original download site for this software is : <http://www.ijg.org/> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

jsonrpc (2.0)

Jsonrpc implements the parsing and validation of the jsonrpc/2.0 request before handing it over to user-defined methods. The original download site for this software is : <https://github.com/pijyoi/jsonrpc> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libdwarf

Libdwarf is a library and a set of command-line tools for reading and writing DWARF2 and later debugging information. Libdwarf handles the details of the actual format so coders can focus on the content. The original download site for this software is : <https://sourceforge.net/projects/libdwarf/> . This piece of software is made available under the terms and conditions of the LGPL v2.1 license, which can be found below.

libelf (0.8.1.3)

The original download site for this software is : <http://www.mr511.de/software/> . This piece of software is made available under the terms and conditions of the LGPL v2 license, which can be found below.

libiconv (1.11.1)

GNU libiconv is a conversion library. To convert between a given text encoding and the users

encoding, or to convert between internal string representation (Unicode) and external string representation (a traditional encoding). The original download site for this software is : <http://www.gnu.org/software/libiconv> . This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

libnl (v3.2.29)

The original download site for this software is : <http://www.infradead.org/~tgr/libnl/> . This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

libusb (1.0.9)

The original download site for this software is : <http://libusb.sourceforge.net/> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

libuv (libuv-v1.20.3)

The original download site for this software is : <https://libuv.org> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

libwebsockets (3.0)

The original download site for this software is : <https://libwebsockets.org/> . This piece of software is made available under the terms and conditions of the LGPL 2.1 license, which can be found below.

libxml2 (2.7.8)

Libxml2 is the XML C parser and toolkit developed for the Gnome project. The original download site for this software is : <http://www.xmlsoft.org/> . This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

lighttpd (1.4.35)

The original download site for this software is : <http://www.lighttpd.net/download/> . This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

liveMedia (2011.06.12)

The original download site for this software is : <http://www.live555.com> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

lvm2 (2.02.89)

The original download site for this software is : <ftp://sources.redhat.com/pub/lvm2/releases/> . This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2.1 license,

which can be found below.

lz4 (1.8.1.2)

The original download site for this software is : lz4.github.io/lz4/ .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

lzma (4.65)

The original download site for this software is : <http://www.7-zip.org/sdk.html/> .

mng (1.0.10)

Libmng -THE reference library for reading, displaying, writing and examining Multiple-Image Network Graphics.MNG is the animation extension to the popular PNG image-format. The original download site for this software is : <http://sourceforge.net/projects/libmng/files/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

module-init-tools (3.12)

Linux userspace module loading utilities. The original download site for this software is : https://modules.wiki.kernel.org/index.php/Main_Page .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

mtp (1.1.6)

The original download site for this software is : <http://libmtp.sourceforge.net/> .This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

ncurses (5.7)

Provide character terminal processing library. The original download site for this software is : <http://www.gnu.org/software/ncurses/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

net-tools (1.60)

A program contains network command. The original download site for this software is : <http://www.linuxfromscratch.org/blfs/view/6.3/basicnet/net-tools.html> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

nghttp2 (1.21.1)

nghttp2 is an implementation of Hypertext Transfer Protocol version 2 in C. The original download site for this software is : <http://nghttp2.org> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

ntfs-3g (2010.5.22)

ntfs-3g-1.5012.tgz/ntfs-3g-1.5012/libntfs-3g/attrib.c. The original download site for this software is : <http://www.tuxera.com/community/ntfs-3g-download/> .This piece of software is made available under the terms and conditions of the GPL 2.0/LGPLv2 license, which can be found below.

ntfsprogs (2.0.0)

C runtime library. The original download site for this software is : <http://sourceforge.net/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

ogg (1.3.2)

Libogg: a library for audiomixer, that can provide audio mixer. The original download site for this software is : <http://www.vorbis.com> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openh264 (1.7.0)

Openh264 is a codec library which supports H.264 encoding and decoding. It is suitable for use in real time applications such as WebRTC. The original download site for this software is :<http://www.openh264.org> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openssh (6.3p1)

Openssh is secure shell protocol version. The original download site for this software is : <ftp://ftp.openbsd.org/pub/OpenBSD/OpenSSH/portable/openssh-6.3p1.tar.gz> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

openssl (1.0.2g)

The original download site for this software is : <http://www.openssl.org/> .This piece of software is made available under the terms and conditions of the Apache License 1.0 / BSD License, which can be found below.

png (1.2.43)

libpng -THE reference library for reading, displaying, writing and examining png Image Network Graphics. The original download site for this software is : <http://sourceforge.net/projects/libpng/files/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

popt (1.16)

The original download site for this software is : <http://packages.debian.org/> .This piece of software is made available under the terms and conditions of the

Red Hat Software.

procmem (2.0)

The original download site for this software is : https://github.com/babuneelam/procmem_linux_x86_port .This piece of software is made available under the terms and conditions of the Apple Public Source License.

procps (3.2.8)

Command for watch system process. The original download site for this software is : <http://procps.sourceforge.net/index.html> .This piece of software is made available under the terms and conditions of the LGPLv2 license, which can be found below.

procrank (2.0)

The original download site for this software is : https://github.com/csimmonds/procrank_linux .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

psmisc (22.13)

The original download site for this software is : <http://psmisc.sourceforge.net/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

pugixml (1.8)

The original download site for this software is : <http://pugixml.org/> .This piece of software is made available under the terms and conditions of the MIT license, which can be found below.

python (2.7.9)

The original download site for this software is : <http://www.python.org/> .

qrencode (3.4.2)

The original download site for this software is : <https://fukuchi.org/works/qrencode/> .This piece of software is made available under the terms and conditions of the LGPLv2 license, which can be found below.

rlog (1.4)

The original download site for this software is : <http://www.arg0.net/rlog> .This piece of software is made available under the terms and conditions of the GPL 2.1 license, which can be found below.

rng-tools (5)

The original download site for this software is : <http://sourceforge.net/projects/gkernel/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

samba (3.0.37)

Samba is the standard Windows interoperability suite of programs for Linux and Unix. The original download site for this software is : <http://www.samba.org/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

sawman (1.5.3)

The original download site for this software is : <http://www.directfb.org> .This piece of software is made available under the terms and conditions of the LGPLv2 license, which can be found below.

sed (4.1.5)

The original download site for this software is : <http://www.gnu.org/software/sed/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

simple-mtpfs (0.2)

The original download site for this software is : <http://freecode.com/projects/simple-mtpfs> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

sqlite (3.8.4.3)

Implements a self-contained, serverless, zero-configuration, transactional SQL database engine. The original download site for this software is : <http://www.sqlite.org/> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

sqlite3 (3.7.2)

Implements a self-contained, serverless, zero-configuration, transactional SQL database engine. The original download site for this software is : <http://www.sqlite.org/> . This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

tar (1.17)

The original download site for this software is : <http://www.gnu.org/software/tar/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

tftpd (2.25b)

The original download site for this software is : <http://acme.com/software/tftpd/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

toybox (0.4.0)

The original download site for this software is : <http://>

www.landley.net/toybox/downloads/toybox-0.4.0.tar.bz2 .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

ttxfont (1.0)

The original download site for this software is :
<http://linux.bytesex.org/xawtv/tvfonts/html>
[Http://zapping.sourceforge.net/ZVBI/index.html](http://zapping.sourceforge.net/ZVBI/index.html) .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

uboot (2011.12)

The uboot will load the linux kernel to dram, and jump to run . The original download site for this software is :
<http://www.denx.de> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

udhcp (0.9.9-pre)

Terminal device as a DHCP client. The original download site for this software is : <http://udhcp.sourceforge.com/downloads/0.9.8cvs20050303-3/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

unicode (3.2)

The original download site for this software is :
<http://www.icu-project.org/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

uriparser (0.7.7)

The original download site for this software is :
<http://uriparser.sourceforge.net/> .This piece of software is made available under the terms and conditions of the BSD license, which can be found below.

util-linux-ng (2.18)

util-linux is a random collection of Linux utilities. The original download site for this software is :
<http://userweb.kernel.org/~kzak/util-linux-ng/> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

webp (0.2.1)

libwebp: a library for browser, that can improve the performance of downloading image webp.txt's directory http://teams.mediatek.com/dtv/SSD/SS3/Task%20Forces/Forms/AllItems.aspx?RootFolder=%2fdtv%2fSSD%2fSS3%2fTask%20Forces%2f3rd%20party%20list%2fLicense_Texts&FolderCTID=&View=%7b4DF37793-E07B-481C-BBFC-CD139C18D384%7d .The original download site for this software is :
<http://code.google.com/p/webp/> .This piece of software is made available under the terms and

conditions of the BSD license, which can be found below.

wget (1.10.2)

Check network for http/https .The original download site for this software is :
<http://ftp.gnu.org/gnu/wget/wget-1.10.2.tar.gz> .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

wireless_tools (v29)

The original download site for this software is : http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html .This piece of software is made available under the terms and conditions of the GPL 2.0 license, which can be found below.

wpa_supplicant (v0.8(wext)/v2.3(cfg80211))

Library used by legacy HAL to talk to wpa_supplicant daemon. The original download site for this software is : https://w1.fi/wpa_supplicant/ .This piece of software is made available under the terms and conditions of the LGPLv2.1 license, which can be found below.

xerces (3.1.1)

C runtime library. The original download site for this software is : <http://xerces.apache.org/> .This piece of software is made available under the terms and conditions of the Apache License Version 2.0, which can be found below.

zlib(1.2.3)

The 'zlib' compression library provides in-memory compression and decompression functions, including integrity checks of the uncompressed data. The original download site for this software is :
<http://www.zlib.net/> .

Hue SDK (1.8.1)

TV ambihue app uses Philips SDK to find the hue bridge name. The original download site for this software is : <https://developers.meethue.com/documentation/java-multi-platform-and-android-sdk>

Opera Web Browser (SDK 4.8.0)

This TV contains Opera Browser Software.
Third-party licenses

WebKit

name License
WebKit
URL: <http://webkit.org/>

(WebKit doesn't distribute an explicit license. This LICENSE is derived from license text in the source.)

Copyright (c) 1997, 1998, 1999, 2000, 2001, 2002,

2003, 2004, 2005,
2006, 2007 Alexander Kellett, Alexey Proskuryakov,
Alex Mathews, Allan
Sandfeld Jensen, Alp Toker, Anders Carlsson, Andrew
Wellington, Antti
Koivisto, Apple Inc., Arthur Langereis, Baron Schwartz,
Bjoern Graf,
Brent Fulgham, Cameron Zwarich, Charles Samuels,
Christian Dywan,
Collabora Ltd., Cyrus Patel, Daniel Molkentin, Dave
Maclachlan, David
Smith, Dawit Alemayehu, Dirk Mueller, Dirk Schulze,
Don Gibson, Enrico
Ros, Eric Seidel, Frederik Holljen, Frerich Raabe,
Friedmann Kleint,
George Staikos, Google Inc., Graham Dennis, Harri
Porten, Henry Mason,
Hiroyuki Ikezoe, Holger Hans Peter Freyther, IBM,
James G. Speth, Jan
Alonzo, Jean-Loup Gailly, John Reis, Jonas Witt, Jon
Shier, Jonas
Witt, Julien Chaffraix, Justin Haygood, Kevin Ollivier,
Kevin Watters,
Kimmo Kinnunen, Kouhei Sutou, Krzysztof
Kowalczyk, Lars Knoll, Luca
Bruno, Maks Orlovich, Malte Starostik, Mark Adler,
Martin Jones,
Marvin Decker, Matt Lilek, Michael Emmel, Mitz Pettel,
mozilla.org,
Netscape Communications Corporation, Nicholas
Shanks, Nikolas
Zimmermann, Nokia, Oliver Hunt, Opened Hand, Paul
Johnston, Peter
Kelly, Pioneer Research Center USA, Rich Moore, Rob
Buis, Robin Dunn,
Ronald Tschalär, Samuel Weinig, Simon Hausmann,
Staikos Computing
Services Inc., Stefan Schimanski, Symantec
Corporation, The Dojo
Foundation, The Karbon Developers, Thomas Boyer,
Tim Copperfield,
Tobias Anton, Torben Weis, Trolltech, University of
Cambridge, Vaclav
Slavik, Waldo Bastian, Xan Lopez, Zack Rusin

The terms and conditions vary from file to file, but are
one of:

Redistribution and use in source and binary forms,
with or without
modification, are permitted provided that the
following conditions are
met:

1. Redistributions of source code must retain the
above copyright
notice, this list of conditions and the following
disclaimer.
2. Redistributions in binary form must reproduce the

above copyright
notice, this list of conditions and the following
disclaimer in the
documentation and/or other materials provided
with the
distribution.

OR

Redistribution and use in source and binary forms,
with or without
modification, are permitted provided that the
following conditions are
met:

1. Redistributions of source code must retain the
above copyright
notice, this list of conditions and the following
disclaimer.
2. Redistributions in binary form must reproduce the
above copyright
notice, this list of conditions and the following
disclaimer in the
documentation and/or other materials provided
with the
distribution.
3. Neither the name of Apple Computer, Inc. ("Apple")
nor the names of
its contributors may be used to endorse or
promote products derived
from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY APPLE
COMPUTER, INC. "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
APPLE COMPUTER, INC. OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY

OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

GNU LIBRARY GENERAL
PUBLIC LICENSE

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA
02110-1301 USA

Everyone is permitted to copy and distribute
verbatim copies
of this license document, but changing it is not
allowed.

[This is the first released version of the library GPL. It
is
numbered 2 because it goes with version 2 of the
ordinary GPL.]

Preamble

The licenses for most software are designed to take
away your
freedom to share and change it. By contrast, the
GNU General Public
Licenses are intended to guarantee your freedom to
share and change
free software--to make sure the software is free for
all its users.

This license, the Library General Public License,
applies to some
specially designated Free Software Foundation
software, and to any
other libraries whose authors decide to use it. You
can use it for
your libraries, too.

When we speak of free software, we are referring to
freedom, not
price. Our General Public Licenses are designed to
make sure that you
have the freedom to distribute copies of free software
(and charge for
this service if you wish), that you receive source code
or can get it
if you want it, that you can change the software or
use pieces of it
in new free programs; and that you know you can do
these things.

To protect your rights, we need to make restrictions
that forbid
anyone to deny you these rights or to ask you to
surrender the rights.
These restrictions translate to certain responsibilities
for you if
you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library,
whether gratis
or for a fee, you must give the recipients all the rights
that we gave
you. You must make sure that they, too, receive or

can get the source
code. If you link a program with the library, you must
provide
complete object files to the recipients so that they
can relink them
with the library, after making changes to the library
and recompiling
it. And you must show them these terms so they
know their rights.

Our method of protecting your rights has two steps:
(1) copyright
the library, and (2) offer you this license which gives
you legal
permission to copy, distribute and/or modify the
library.

Also, for each distributor's protection, we want to
make certain
that everyone understands that there is no warranty
for this free
library. If the library is modified by someone else
and passed on, we
want its recipients to know that what they have is not
the original
version, so that any problems introduced by others
will not reflect on
the original authors' reputations.

Finally, any free program is threatened constantly
by software
patents. We wish to avoid the danger that
companies distributing free
software will individually obtain patent licenses, thus
in effect
transforming the program into proprietary software.
To prevent this,
we have made it clear that any patent must be
licensed for everyone's
free use or not licensed at all.

Most GNU software, including some libraries, is
covered by the ordinary
GNU General Public License, which was designed for
utility programs. This
license, the GNU Library General Public License,
applies to certain
designated libraries. This license is quite different
from the ordinary
one; be sure to read it in full, and don't assume that
anything in it is
the same as in the ordinary license.

The reason we have a separate public license for
some libraries is that
they blur the distinction we usually make between
modifying or adding to a
program and simply using it. Linking a program with
a library, without
changing the library, is in some sense simply using the

library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized

party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the

absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a

whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of

the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical

parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified

executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the

work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights

granted herein.
You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING

THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND
CONDITIONS

GNU LESSER GENERAL
PUBLIC LICENSE

Version 2.1, February
1999

Copyright (C) 1991, 1999 Free Software Foundation,
Inc.

51 Franklin Street, Fifth Floor, Boston, MA
02110-1301 USA

Everyone is permitted to copy and distribute
verbatim copies
of this license document, but changing it is not
allowed.

[This is the first released version of the Lesser GPL. It
also counts
as the successor of the GNU Library Public License,
version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take

away your
freedom to share and change it. By contrast, the
GNU General Public
Licenses are intended to guarantee your freedom to
share and change
free software--to make sure the software is free for
all its users.

This license, the Lesser General Public License,
applies to some
specially designated software packages--typically
libraries--of the
Free Software Foundation and other authors who
decide to use it. You
can use it too, but we suggest you first think carefully
about whether
this license or the ordinary General Public License is
the better
strategy to use in any particular case, based on the
explanations below.

When we speak of free software, we are referring to
freedom of use,
not price. Our General Public Licenses are designed
to make sure that
you have the freedom to distribute copies of free
software (and charge
for this service if you wish); that you receive source
code or can get
it if you want it; that you can change the software and
use pieces of
it in new free programs; and that you are informed
that you can do
these things.

To protect your rights, we need to make restrictions
that forbid
distributors to deny you these rights or to ask you to
surrender these
rights. These restrictions translate to certain
responsibilities for
you if you distribute copies of the library or if you
modify it.

For example, if you distribute copies of the library,
whether gratis
or for a fee, you must give the recipients all the rights
that we gave
you. You must make sure that they, too, receive or
can get the source
code. If you link other code with the library, you
must provide
complete object files to the recipients, so that they
can relink them
with the library after making changes to the library
and recompiling
it. And you must show them these terms so they
know their rights.

We protect your rights with a two-step method: (1)

we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the

ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL
PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING,
DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each

copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it,

the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from

that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The

threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that

uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies

the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are

prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of

protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these,

write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Other
name License
Chromium

URL: <http://www.chromium.org>

Copyright (c) 2013 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--

The following files are distributed under the MPL 1.1/GPL 2.0/LGPL 2.1 tri-license:
canonical_cookie.cc
parsed_cookie.cc
cookie_monster.cc
http_chunked_decoder.cc
md4.cc

md4.h
http_chunked_decoder.h
ssl_client_socket_nss.cc
proxy_resolver_script.h
chromium-nss.h
chromium-blapi.h
chromium-blapit.h
chromium-sha256.h
chromium-prtypes.h
pk11akey.cc
secsign.cc
sha512.cc

The following files contain portions distributed under the MPL 1.1/GPL 2.0/LGPL 2.1 tri-license:
http_auth_handler_ntlm_portable.cc
des.cc
registry_controlled_domains/registry_controlled_domain.cc
registry_controlled_domains/registry_controlled_domain.h
multipart_response_delegate.h
content_strings.grd

The following files are distributed under the MPL 2.0 license:
rsawrapr.c

Fontconfig
URL: <http://www.fontconfig.org>

Copyright © 2000,2001,2002,2003,2004,2006,2007 Keith Packard
Copyright © 2005 Patrick Lam
Copyright © 2009 Roozbeh Pournader
Copyright © 2008,2009 Red Hat, Inc.
Copyright © 2008 Danilo Šegan

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the author(s) not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The authors make no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THE AUTHOR(S) DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,

INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Arphic fonts

URL: <http://www.freedesktop.org/wiki/Software/CJKUnifonts/Download>

ARPHIC PUBLIC LICENSE

Copyright (C) 1999 Arphic Technology Co., Ltd.
11Fl. No.168, Yung Chi Rd., Taipei, 110 Taiwan
All rights reserved except as specified below.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is forbidden.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the ARPHIC PUBLIC LICENSE specifically permits and encourages you to use this software, provided that you give the recipients all the rights that we gave you and make sure they can get the modifications of this software.

Legal Terms

0. Definitions:

Throughout this License, "Font" means the TrueType fonts "AR PL Mingti2L Big5", "AR PL KaitiM Big5" (BIG-5 character set) and "AR PL SungtiL GB", "AR PL KaitiM GB" (GB character set) which are originally distributed by Arphic, and the derivatives of those fonts created through any modification including modifying glyph, reordering glyph, converting format, changing font name, or adding/deleting some characters in/from glyph table.

"PL" means "Public License".

"Copyright Holder" means whoever is named in the copyright or copyrights for the Font.

"You" means the licensee, or person copying, redistributing or modifying the Font.

"Freely Available" means that you have the freedom to copy or modify the Font as well as redistribute copies of the Font under the same

conditions you received, not price. If you wish, you can charge for this service.

1. Copying & Distribution

You may copy and distribute verbatim copies of this Font in any medium, without restriction, provided that you retain this license file (ARPHICPL.TXT) unaltered in all copies.

2. Modification

You may otherwise modify your copy of this Font in any way, including modifying glyph, reordering glyph, converting format, changing font name, or adding/deleting some characters in/from glyph table, and copy and distribute such modifications under the terms of Section 1 above, provided that the following conditions are met:

a) You must insert a prominent notice in each modified file stating how and when you changed that file.

b) You must make such modifications Freely Available as a whole to all third parties under the terms of this License, such as by offering access to copy the modifications from a designated place, or distributing the modifications on a medium customarily used for software interchange.

c) If the modified fonts normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the Font under these conditions, and telling the user how to view a copy of this License.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Font, and can be reasonably considered independent and separate works in themselves, then this License and its terms, do not apply to those sections when you distribute them as separate works. Therefore, mere aggregation of another work not based on the Font with the Font on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. Condition Subsequent

You may not copy, modify, sublicense, or distribute the Font except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Font will automatically retroactively void your rights under this License. However, parties who have received copies or rights from you under this License will keep their licenses valid so long as such parties remain in full

compliance.

4. Acceptance

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to copy, modify, sublicense or distribute the Font. These actions are prohibited by law if you do not accept this License. Therefore, by copying, modifying, sublicensing or distributing the Font, you indicate your acceptance of this License and all its terms and conditions.

5. Automatic Receipt

Each time you redistribute the Font, the recipient automatically receives a license from the original licensor to copy, distribute or modify the Font subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

6. Contradiction

If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Font at all. For example, if a patent license would not permit royalty-free redistribution of the Font by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Font.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

7. NO WARRANTY

BECAUSE THE FONT IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE FONT, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS OR OTHER PARTIES PROVIDE THE FONT "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE FONT IS WITH YOU. SHOULD THE FONT PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

8. DAMAGES WAIVER

UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING, IN NO EVENT WILL ANY COPYRIGHT HOLDERS, OR OTHER PARTIES WHO MAY COPY, MODIFY OR REDISTRIBUTE THE FONT AS PERMITTED ABOVE, BE LIABLE TO YOU FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR EXEMPLARY DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE FONT (INCLUDING BUT NOT LIMITED TO PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA OR PROFITS; OR BUSINESS INTERRUPTION), EVEN IF SUCH HOLDERS OR OTHER PARTIES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Bitstream Vera fonts

URL: http://www.gnome.org/fonts/#Final_Bitstream_Vera_Fonts

Bitstream Vera Fonts Copyright

The fonts have a generous copyright, allowing derivative works (as long as "Bitstream" or "Vera" are not in the names), and full redistribution (so long as they are not *sold* by themselves). They can be bundled, redistributed and sold with any software.

The fonts are distributed under the following copyright:

Copyright
=====

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot org.

Copyright FAQ
=====

1. I don't understand the resale restriction... What gives?

Bitstream is giving away these fonts, but

wishes to ensure its competitors can't just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can't make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of any software package, however.

2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

3. Are derivative works allowed?
Yes!

4. Can I change or add to the font(s)?
Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

You must change the name(s) of the fonts. This is to ensure the quality of the fonts, both to protect Bitstream and Gnome. We want to ensure that if an application has opened a font specifically of these names, it gets what it expects (though of course, using fontconfig, substitutions could still could have occurred during font opening). You must include the Bitstream copyright. Additional copyrights can be added, as per copyright law. Happy Font Hacking!

6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep

both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration, selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

Open Sans fonts
URL:
<http://www.google.com/fonts/specimen/Open+Sans>

License for Open Sans Font Family

Apache License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within

the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to

your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License.

VL Gothic fonts
URL: <http://dicey.org/vlgothic/index.html>

License for VL Gothic Font Family

This font includes glyphs derived from M+ FONTS which is created by M+ FONTS PROJECT. License for M+ FONTS part is described in M+ FONTS PROJECT's license. See attached 'LICENSE_E.mplus'.

This font also includes glyphs derived from Sazanami Gothic font which is created by Electronic Font Open Laboratory (/efont/). License for Sazanami Gothic part is described in it's license. See attached 'README.sazanami' for original Sazanami Gothic font license.

This font also includes original glyphs which is created by Daisuke SUZUKI and Project Vine based on M+ FONTS. License for VL Gothic original glyphs is same as M+ FONTS PROJECT's license.

There is no limitation and the below description is not applied as for in order not to reuse as font (ex: font is embedded to documents).

Copyright (c) 1990-2003 Wada Laboratory, the University of Tokyo.
Copyright (c) 2003-2004 Electronic Font Open Laboratory (/efont/).
Copyright (C) 2003-2009 M+ FONTS PROJECT
Copyright (C) 2006-2009 Daisuke SUZUKI <daisuke@vinelinux.org>.
Copyright (C) 2006-2009 Project Vine <Vine@vinelinux.org>.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Wada Laboratory, the University of Tokyo nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY WADA LABORATORY, THE UNIVERSITY OF TOKYO AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LABORATORY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,

WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Nanum fonts

URL: <http://hangeul.naver.com/>

Copyright (c) 2010, NAVER Corporation
(<http://www.nhncorp.com>),

with Reserved Font Name Nanum, Naver Nanum, NanumGothic, Naver NanumGothic, NanumMyeongjo, Naver NanumMyeongjo, NanumBrush, Naver NanumBrush, NanumPen, Naver NanumPen, Naver NanumGothicEco, NanumGothicEco, Naver NanumMyeongjoEco, NanumMyeongjoEco, Naver NanumGothicLight, NanumGothicLight, NanumBarunGothic, Naver NanumBarunGothic,

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at: <http://scripts.sil.org/OFL>

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:

<http://scripts.sil.org/OFL>

SIL OPEN FONT LICENSE Version 1.1 - 26 February 2007

PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The

requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting -- in part or in whole -- any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use

the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.

4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.

5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

TERMINATION

This license becomes null and void if any of the above conditions are not met.

DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Mini-XML

URL: <http://www.msweet.org/projects.php?Z3>

Mini-XML License

The Mini-XML library and included programs are provided under the terms of the GNU Library General Public License version 2 (LGPL2) with the following exceptions:

1. Static linking of applications to the Mini-XML library does not constitute a derivative work and does not require the author to provide source code for the application, use the shared Mini-XML libraries, or link their applications against a user-supplied version of Mini-XML.

If you link the application to a modified version of Mini-XML, then the changes to Mini-XML must be provided under the terms of the LGPL2 in sections 1, 2, and 4.

2. You do not have to provide a copy of the Mini-XML license with programs that are linked to the Mini-XML library, nor do you have to identify the Mini-XML license in your program or documentation as required by section 6 of the LGPL2.

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library,

whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs

would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a

work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on

the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that

the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have

received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE

LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.

Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a

"copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990 Ty Coon, President of Vice

That's all there is to it!

Boost
URL: <http://www.boost.org/>

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

libcurl
URL: <http://curl.haxx.se/>

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2014, Daniel Stenberg,
<daniel@haxx.se>.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

libcurl - lib/krb5.c
URL: <https://github.com/bagder/curl/blob/master/lib/krb5.c>

/* GSSAPI/krb5 support for FTP - loosely based on old krb4.c

*
* Copyright (c) 1995, 1996, 1997, 1998, 1999, 2013 Kungliga Tekniska Högskolan
* (Royal Institute of Technology, Stockholm, Sweden).
* Copyright (c) 2004 - 2012 Daniel Stenberg
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright

* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
*

* 3. Neither the name of the Institute nor the names of its contributors

* may be used to endorse or promote products derived from this software
* without specific prior written permission.
*

* THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS "AS IS" AND

* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE. */

libcurl - lib/security.c
URL: <https://github.com/bagder/curl/blob/master/lib/security.c>

/* This source code was modified by Martin Hedenfalk <mhe@stacken.kth.se> for
* use in Curl. His latest changes were done 2000-09-18.

*
* It has since been patched and modified a lot by Daniel Stenberg
* <daniel@haxx.se> to make it better applied to curl conditions, and to make
* it not use globals, pollute name space and more. This source code awaits a
* rewrite to work around the paragraph 2 in the BSD licenses as explained
* below.
*
* Copyright (c) 1998, 1999, 2013 Kungliga Tekniska Högskolan
* (Royal Institute of Technology, Stockholm, Sweden).
*
* Copyright (C) 2001 - 2013, Daniel Stenberg, <daniel@haxx.se>, et al.
*

```

* All rights reserved.
*
* Redistribution and use in source and binary forms,
with or without
* modification, are permitted provided that the
following conditions
* are met:
*
* 1. Redistributions of source code must retain the
above copyright
* notice, this list of conditions and the following
disclaimer.
*
* 2. Redistributions in binary form must reproduce
the above copyright
* notice, this list of conditions and the following
disclaimer in the
* documentation and/or other materials
provided with the distribution.
*
* 3. Neither the name of the Institute nor the names
of its contributors
* may be used to endorse or promote products
derived from this software
* without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE INSTITUTE
AND CONTRIBUTORS "AS IS" AND
* ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE
INSTITUTE OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE. */

```

David M. Gay's floating point routines
URL: <http://www.netlib.org/fp/>

```

/*****
*****
*
* The author of this software is David M. Gay.
*
* Copyright (c) 1991, 2000, 2001 by Lucent
Technologies.
*
* Permission to use, copy, modify, and distribute this

```

```

software for any
* purpose without fee is hereby granted, provided
that this entire notice
* is included in all copies of any software which is or
includes a copy
* or modification of this software and in all copies of
the supporting
* documentation for such software.
*

```

```

* THIS SOFTWARE IS BEING PROVIDED "AS IS",
WITHOUT ANY EXPRESS OR IMPLIED
* WARRANTY. IN PARTICULAR, NEITHER THE
AUTHOR NOR LUCENT MAKES ANY
* REPRESENTATION OR WARRANTY OF ANY KIND
CONCERNING THE MERCHANTABILITY
* OF THIS SOFTWARE OR ITS FITNESS FOR ANY
PARTICULAR PURPOSE.
*

```

```

*****
*****/

```

dynamic annotations
URL: <http://code.google.com/p/data-race-test/wiki/DynamicAnnotations>

```

/* Copyright (c) 2008-2009, Google Inc.
* All rights reserved.
*
* Redistribution and use in source and binary forms,
with or without
* modification, are permitted provided that the
following conditions are
* met:
*
* * Redistributions of source code must retain
the above copyright
* notice, this list of conditions and the following
disclaimer.
* * Neither the name of Google Inc. nor the
names of its
* contributors may be used to endorse or promote
products derived from
* this software without specific prior written
permission.
*
* THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
* A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE COPYRIGHT
* OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS

```

INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE
* OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

*
* ---
* Author: Kostya Serebryany
*/

libevent
URL: <http://libevent.org/>

Libevent is available for use under the following
license, commonly known
as the 3-clause (or "modified") BSD license:

```
-----  
Copyright (c) 2000-2007 Niels Provos  
<provos@citi.umich.edu>  
Copyright (c) 2007-2010 Niels Provos and Nick  
Mathewson
```

Redistribution and use in source and binary forms,
with or without
modification, are permitted provided that the
following conditions
are met:

1. Redistributions of source code must retain the
above copyright
notice, this list of conditions and the following
disclaimer.
2. Redistributions in binary form must reproduce the
above copyright
notice, this list of conditions and the following
disclaimer in the
documentation and/or other materials provided
with the distribution.
3. The name of the author may not be used to
endorse or promote products
derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS
IS" AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

=====

Portions of Libevent are based on works by others,
also made available by
them under the three-clause BSD license above.
The copyright notices are
available in the corresponding source files; the license
is as above. Here's
a list:

log.c:
Copyright (c) 2000 Dug Song
<dugsong@monkey.org>
Copyright (c) 1993 The Regents of the University of
California.

strlcpy.c:
Copyright (c) 1998 Todd C. Miller
<Todd.Miller@courtesan.com>

win32.c:
Copyright (c) 2003 Michael A. Davis
<mike@datanerds.net>

evport.c:
Copyright (c) 2007 Sun Microsystems

min_heap.h:
Copyright (c) 2006 Maxim Yegorushkin
<maxim.yegorushkin@gmail.com>

tree.h:
Copyright 2002 Niels Provos
<provos@citi.umich.edu>

Netscape Portable Runtime (NSPR)
URL: <http://www.mozilla.org/projects/nspr/>

```
/* ***** BEGIN LICENSE BLOCK *****  
 * Version: MPL 1.1/GPL 2.0/LGPL 2.1  
 *  
 * The contents of this file are subject to the Mozilla  
Public License Version  
 * 1.1 (the "License"); you may not use this file except  
in compliance with  
 * the License. You may obtain a copy of the License  
at  
 * http://www.mozilla.org/MPL/  
 *  
 * Software distributed under the License is  
distributed on an "AS IS" basis,  
 * WITHOUT WARRANTY OF ANY KIND, either  
express or implied. See the License  
 * for the specific language governing rights and  
limitations under the
```

* License.
 *
 * The Original Code is the Netscape Portable Runtime (NSPR).
 *
 * The Initial Developer of the Original Code is
 * Netscape Communications Corporation.
 * Portions created by the Initial Developer are
 Copyright (C) 1998-2000
 * the Initial Developer. All Rights Reserved.
 *
 * Contributor(s):
 *
 * Alternatively, the contents of this file may be used
 under the terms of
 * either the GNU General Public License Version 2 or
 later (the "GPL"), or
 * the GNU Lesser General Public License Version 2.1
 or later (the "LGPL"),
 * in which case the provisions of the GPL or the
 LGPL are applicable instead
 * of those above. If you wish to allow use of your
 version of this file only
 * under the terms of either the GPL or the LGPL, and
 not to allow others to
 * use your version of this file under the terms of the
 MPL, indicate your
 * decision by deleting the provisions above and
 replace them with the notice
 * and other provisions required by the GPL or the
 LGPL. If you do not delete
 * the provisions above, a recipient may use your
 version of this file under
 * the terms of any one of the MPL, the GPL or the
 LGPL.
 *
 * ***** END LICENSE BLOCK ***** */

Paul Hsieh's SuperFastHash
 URL:
<http://www.azillionmonkeys.com/qed/hash.html>

Paul Hsieh OLD BSD license

Copyright (c) 2010, Paul Hsieh
 All rights reserved.

Redistribution and use in source and binary forms,
 with or without modification,
 are permitted provided that the following conditions
 are met:

- * Redistributions of source code must retain the
 above copyright notice, this
 list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the
 above copyright notice, this
 list of conditions and the following disclaimer in the
 documentation and/or
 other materials provided with the distribution.

* Neither my name, Paul Hsieh, nor the names of any
 other contributors to the
 code use may not be used to endorse or promote
 products derived from this
 software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
 HOLDERS AND CONTRIBUTORS "AS IS" AND
 ANY EXPRESS OR IMPLIED WARRANTIES,
 INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
 WARRANTIES OF MERCHANTABILITY AND FITNESS
 FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
 OWNER OR CONTRIBUTORS BE LIABLE FOR
 ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES
 (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
 OF SUBSTITUTE GOODS OR SERVICES;
 LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
 INTERRUPTION) HOWEVER CAUSED AND ON
 ANY THEORY OF LIABILITY, WHETHER IN
 CONTRACT, STRICT LIABILITY, OR TORT
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
 IN ANY WAY OUT OF THE USE OF THIS
 SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
 OF SUCH DAMAGE.

google-glog's symbolization library
 URL: <https://github.com/google/glog>

```
// Copyright (c) 2006, Google Inc.
// All rights reserved.
//
// Redistribution and use in source and binary forms,
// with or without
// modification, are permitted provided that the
// following conditions are
// met:
//
// * Redistributions of source code must retain
// the above copyright
// notice, this list of conditions and the following
// disclaimer.
//
// * Redistributions in binary form must
// reproduce the above
// copyright notice, this list of conditions and the
// following disclaimer
// in the documentation and/or other materials
// provided with the
// distribution.
//
// * Neither the name of Google Inc. nor the
// names of its
// contributors may be used to endorse or promote
// products derived from
// this software without specific prior written
// permission.
//
// THIS SOFTWARE IS PROVIDED BY THE
// COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED
```

```
WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

valgrind
URL: <http://valgrind.org>

Notice that the following BSD-style license applies to the Valgrind header files used by Chromium (valgrind.h and memcheck.h). However, the rest of Valgrind is licensed under the terms of the GNU General Public License, version 2, unless otherwise indicated.

Copyright (C) 2000-2008 Julian Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original

software.

4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE AUTHOR
"AS IS" AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE
AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

Mozilla Personal Security Manager
URL: <http://mxr.mozilla.org/mozilla-central/source/security/manager/>

```
/* ***** BEGIN LICENSE BLOCK *****
* Version: MPL 1.1/GPL 2.0/LGPL 2.1
*
* The contents of this file are subject to the Mozilla
Public License Version
* 1.1 (the "License"); you may not use this file except
in compliance with
* the License. You may obtain a copy of the License
at
* http://www.mozilla.org/MPL/
*
* Software distributed under the License is
distributed on an "AS IS" basis,
* WITHOUT WARRANTY OF ANY KIND, either
express or implied. See the License
* for the specific language governing rights and
limitations under the
* License.
*
* The Original Code is the Netscape security libraries.
*
* The Initial Developer of the Original Code is
* Netscape Communications Corporation.
* Portions created by the Initial Developer are
Copyright (C) 2000
```

* the Initial Developer. All Rights Reserved.
 *
 * Contributor(s):
 *
 * Alternatively, the contents of this file may be used under the terms of
 * either the GNU General Public License Version 2 or later (the "GPL"), or
 * the GNU Lesser General Public License Version 2.1 or later (the "LGPL"),
 * in which case the provisions of the GPL or the LGPL are applicable instead
 * of those above. If you wish to allow use of your version of this file only
 * under the terms of either the GPL or the LGPL, and not to allow others to
 * use your version of this file under the terms of the MPL, indicate your
 * decision by deleting the provisions above and replace them with the notice
 * and other provisions required by the GPL or the LGPL. If you do not delete
 * the provisions above, a recipient may use your version of this file under
 * the terms of any one of the MPL, the GPL or the LGPL.
 *
 * ***** END LICENSE BLOCK ***** */

Network Security Services (NSS)

URL:
<http://www.mozilla.org/projects/security/pki/nss/>

/* ***** BEGIN LICENSE BLOCK *****
 * Version: MPL 1.1/GPL 2.0/LGPL 2.1
 *
 * The contents of this file are subject to the Mozilla Public License Version
 * 1.1 (the "License"); you may not use this file except in compliance with
 * the License. You may obtain a copy of the License at
 * <http://www.mozilla.org/MPL/>
 *
 * Software distributed under the License is distributed on an "AS IS" basis,
 * WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License
 * for the specific language governing rights and limitations under the
 * License.
 *
 * The Original Code is the Netscape security libraries.
 *
 * The Initial Developer of the Original Code is
 * Netscape Communications Corporation.
 * Portions created by the Initial Developer are
 * Copyright (C) 1994-2000
 * the Initial Developer. All Rights Reserved.
 *
 *

* Contributor(s):
 *
 * Alternatively, the contents of this file may be used under the terms of
 * either the GNU General Public License Version 2 or later (the "GPL"), or
 * the GNU Lesser General Public License Version 2.1 or later (the "LGPL"),
 * in which case the provisions of the GPL or the LGPL are applicable instead
 * of those above. If you wish to allow use of your version of this file only
 * under the terms of either the GPL or the LGPL, and not to allow others to
 * use your version of this file under the terms of the MPL, indicate your
 * decision by deleting the provisions above and replace them with the notice
 * and other provisions required by the GPL or the LGPL. If you do not delete
 * the provisions above, a recipient may use your version of this file under
 * the terms of any one of the MPL, the GPL or the LGPL.
 *
 * ***** END LICENSE BLOCK ***** */

open-vcdiff
 URL: <https://github.com/google/open-vcdiff>

Apache
 License
 Version 2.0,
 January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
 REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices

cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence),

contract, or otherwise,
unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright 2008 The open-vcdiff Authors. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Almost Native Graphics Layer Engine

URL: <http://code.google.com/p/angleproject/>

// Copyright (C) 2002-2013 The ANGLE Project Authors.

// All rights reserved.

//

// Redistribution and use in source and binary forms, with or without

// modification, are permitted provided that the following conditions

// are met:

//

// Redistributions of source code must retain the above copyright

// notice, this list of conditions and the following disclaimer.

//

// Redistributions in binary form must reproduce the above

// copyright notice, this list of conditions and the following

// disclaimer in the documentation and/or other materials provided

// with the distribution.

//

// Neither the name of TransGaming Inc., Google Inc., 3DLabs Inc.

// Ltd., nor the names of their contributors may be used to endorse

// or promote products derived from this software without specific

// prior written permission.

//

// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

```
// "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS
// FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE
// COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT,
// INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING,
// BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES;
// LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER
// CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT
// LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN
// ANY WAY OUT OF THE USE OF THIS SOFTWARE,
EVEN IF ADVISED OF THE
// POSSIBILITY OF SUCH DAMAGE.
```

boringsssl
URL: <https://boringsssl.googleusercontent.com/boringsssl>

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

```
/* =====
=====
* Copyright (c) 1998-2011 The OpenSSL Project. All
rights reserved.
*
* Redistribution and use in source and binary forms,
with or without
* modification, are permitted provided that the
following conditions
* are met:
*
* 1. Redistributions of source code must retain the
above copyright
* notice, this list of conditions and the following
disclaimer.
*
* 2. Redistributions in binary form must reproduce
the above copyright
* notice, this list of conditions and the following
```

```
disclaimer in
* the documentation and/or other materials
provided with the
* distribution.
*
* 3. All advertising materials mentioning features or
use of this
* software must display the following
acknowledgment:
* "This product includes software developed by
the OpenSSL Project
* for use in the OpenSSL Toolkit.
(http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL
Project" must not be used to
* endorse or promote products derived from this
software without
* prior written permission. For written
permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be
called "OpenSSL"
* nor may "OpenSSL" appear in their names
without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must
retain the following
* acknowledgment:
* "This product includes software developed by
the OpenSSL Project
* for use in the OpenSSL Toolkit
(http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL
PROJECT "AS IS" AND ANY
* EXPRESSED OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT
SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
```

=====

*
* This product includes cryptographic software
written by Eric Young
* (eay@cryptsoft.com). This product includes
software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

Original SSLeay License

```
/* Copyright (C) 1995-1998 Eric Young
(eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform
with Netscapes SSL.
*
* This library is free for commercial and non-
commercial use as long as
* the following conditions are aheared to. The
following conditions
* apply to all code found in this distribution, be it the
RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The
SSL documentation
* included with this distribution is covered by the
same copyright terms
* except that the holder is Tim Hudson
(tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any
Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young
should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at
program startup or
* in documentation (online or textual) provided with
the package.
*
* Redistribution and use in source and binary forms,
with or without
* modification, are permitted provided that the
following conditions
* are met:
* 1. Redistributions of source code must retain the
copyright
* notice, this list of conditions and the following
disclaimer.
* 2. Redistributions in binary form must reproduce
the above copyright
* notice, this list of conditions and the following
disclaimer in the
* documentation and/or other materials
```

provided with the distribution.

```
* 3. All advertising materials mentioning features or
use of this software
* must display the following acknowledgement:
* "This product includes cryptographic software
written by
* Eric Young (eay@cryptsoft.com)"
* The word 'cryptographic' can be left out if the
rouines from the library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a
derivative thereof) from
* the apps directory (application code) you must
include an acknowledgement:
* "This product includes software written by Tim
Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG
"AS IS" AND
* ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE
AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any
publically available version or
* derivative of this code cannot be changed. i.e. this
code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

Brotli
URL: <https://github.com/google/brotli>

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative

Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Google Cache Invalidation API

URL: https://chromium.googlesource.com/chromium/src/+master/third_party/cacheinvalidation/README.chromium

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions

for use, reproduction,
and distribution as defined by Sections 1
through 9 of this document.

"Licensor" shall mean the copyright owner or
entity authorized by
the copyright owner that is granting the
License.

"Legal Entity" shall mean the union of the
acting entity and all
other entities that control, are controlled by, or
are under common
control with that entity. For the purposes of
this definition,

"control" means (i) the power, direct or
indirect, to cause the
direction or management of such entity,
whether by contract or
otherwise, or (ii) ownership of fifty percent
(50%) or more of the
outstanding shares, or (iii) beneficial
ownership of such entity.

"You" (or "Your") shall mean an individual or
Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form
for making modifications,
including but not limited to software source
code, documentation
source, and configuration files.

"Object" form shall mean any form resulting
from mechanical
transformation or translation of a Source form,
including but
not limited to compiled object code,
generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship,
whether in Source or
Object form, made available under the
License, as indicated by a
copyright notice that is included in or attached
to the work
(an example is provided in the Appendix
below).

"Derivative Works" shall mean any work,
whether in Source or Object
form, that is based on (or derived from) the
Work and for which the
editorial revisions, annotations, elaborations,
or other modifications
represent, as a whole, an original work of
authorship. For the purposes
of this License, Derivative Works shall not

include works that remain
separable from, or merely link (or bind by
name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of
authorship, including
the original version of the Work and any
modifications or additions
to that Work or Derivative Works thereof, that
is intentionally
submitted to Licensor for inclusion in the Work
by the copyright owner
or by an individual or Legal Entity authorized
to submit on behalf of
the copyright owner. For the purposes of this
definition, "submitted"
means any form of electronic, verbal, or
written communication sent
to the Licensor or its representatives, including
but not limited to
communication on electronic mailing lists,
source code control systems,
and issue tracking systems that are managed
by, or on behalf of, the
Licensor for the purpose of discussing and
improving the Work, but
excluding communication that is
conspicuously marked or otherwise
designated in writing by the copyright owner
as "Not a Contribution."

"Contributor" shall mean Licensor and any
individual or Legal Entity
on behalf of whom a Contribution has been
received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms
and conditions of
this License, each Contributor hereby grants to
You a perpetual,
worldwide, non-exclusive, no-charge, royalty-
free, irrevocable
copyright license to reproduce, prepare
Derivative Works of,
publicly display, publicly perform, sublicense,
and distribute the
Work and such Derivative Works in Source or
Object form.

3. Grant of Patent License. Subject to the terms
and conditions of
this License, each Contributor hereby grants to
You a perpetual,
worldwide, non-exclusive, no-charge, royalty-
free, irrevocable
(except as stated in this section) patent license
to make, have made,
use, offer to sell, sell, import, and otherwise

transfer the Work,
where such license applies only to those
patent claims licensable
by such Contributor that are necessarily
infringed by their
Contribution(s) alone or by combination of
their Contribution(s)
with the Work to which such Contribution(s)
was submitted. If You
institute patent litigation against any entity
(including a
cross-claim or counterclaim in a lawsuit)
alleging that the Work
or a Contribution incorporated within the Work
constitutes direct
or contributory patent infringement, then any
patent licenses
granted to You under this License for that
Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and
distribute copies of the
Work or Derivative Works thereof in any
medium, with or without
modifications, and in Source or Object form,
provided that You
meet the following conditions:

(a) You must give any other recipients of the
Work or
Derivative Works a copy of this License;
and

(b) You must cause any modified files to carry
prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any
Derivative Works
that You distribute, all copyright, patent,
trademark, and
attribution notices from the Source form
of the Work,
excluding those notices that do not
pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as
part of its
distribution, then any Derivative Works
that You distribute must
include a readable copy of the
attribution notices contained
within such NOTICE file, excluding those
notices that do not
pertain to any part of the Derivative
Works, in at least one
of the following places: within a NOTICE
text file distributed

as part of the Derivative Works; within
the Source form or
documentation, if provided along with
the Derivative Works; or,
within a display generated by the
Derivative Works, if and
wherever such third-party notices
normally appear. The contents
of the NOTICE file are for informational
purposes only and
do not modify the License. You may add
Your own attribution
notices within Derivative Works that You
distribute, alongside
or as an addendum to the NOTICE text
from the Work, provided
that such additional attribution notices
cannot be construed
as modifying the License.

You may add Your own copyright statement to
Your modifications and
may provide additional or different license
terms and conditions
for use, reproduction, or distribution of Your
modifications, or
for any such Derivative Works as a whole,
provided Your use,
reproduction, and distribution of the Work
otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You
explicitly state otherwise,
any Contribution intentionally submitted for
inclusion in the Work
by You to the Licensor shall be under the
terms and conditions of
this License, without any additional terms or
conditions.

Notwithstanding the above, nothing herein
shall supersede or modify
the terms of any separate license agreement
you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant
permission to use the trade
names, trademarks, service marks, or product
names of the Licensor,
except as required for reasonable and
customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by
applicable law or
agreed to in writing, Licensor provides the
Work (and each
Contributor provides its Contributions) on an

"AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Crashpad
URL: <https://crashpad.chromium.org/>

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the

Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

drawElements Quality Program

URL: <https://source.android.com/devices/graphics/te sting.html>

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions

to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational

purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2014 The Android Open Source Project

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

dom-distiller-js

URL: <https://github.com/chromium/dom-distiller>

Copyright 2014 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Parts of the following directories are available under Apache v2.0

src/de
Copyright (c) 2009-2011 Christian Kohlschütter

third_party/gwt_exporter
Copyright 2007 Timepedia.org

third_party/gwt-2.5.1
Copyright 2008 Google

java/org/chromium/distiller/dev
Copyright 2008 Google

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting

entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has

been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and You must cause any modified files to carry prominent notices stating that You changed the files; and You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own

attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While

redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Expat XML Parser

URL: <http://sourceforge.net/projects/expat/>

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd
and Clark

Cooper

Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006
Expat maintainers.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

fips181

URL: <http://www.adel.nursat.kz/apg/>

Copyright (c) 1999, 2000, 2001, 2002
Adel I. Mirzazhanov. All rights reserved

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1.Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2.Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3.The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

flac

URL: <http://sourceforge.net/projects/flac/files/flac-src/flac-1.2.1-src/flac-1.2.1.tar.gz/download>

Copyright (C)

2000,2001,2002,2003,2004,2005,2006,2007 Josh
Coalson

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

harfbuzz-ng
URL: <http://harfbuzz.org>

HarfBuzz is licensed under the so-called "Old MIT" license. Details follow. For parts of HarfBuzz that are licensed under different licenses see individual files names COPYING in subdirectories where applicable.

Copyright © 2010,2011,2012 Google, Inc.
Copyright © 2012 Mozilla Foundation
Copyright © 2011 Codethink Limited
Copyright © 2008,2010 Nokia Corporation and/or its subsidiary(-ies)
Copyright © 2009 Keith Stribley
Copyright © 2009 Martin Hosken and SIL

International
Copyright © 2007 Chris Wilson
Copyright © 2006 Behdad Esfahbod
Copyright © 2005 David Turner
Copyright © 2004,2007,2008,2009,2010 Red Hat, Inc.
Copyright © 1998-2004 David Turner and Werner Lemberg

For full copyright notices consult the individual files in the package.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

iccjpeg
URL: <http://www.ijg.org>

LICENSE extracted from IJG's jpeg distribution:

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in

your documentation that
you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.

All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

- (1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.
- (2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
- (3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are

assumed by the product vendor.

icu

URL: <http://site.icu-project.org/>

ICU License - ICU 1.8.1 and later

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2014 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. Unicode Data Files and Software

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2014 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) this copyright and permission notice appear with all copies of the Data Files or Software, (b) this copyright and permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR

HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

The Google Chrome software developed by Google is licensed under the BSD license. Other software included in this distribution is provided under other licenses, as set forth below.

The BSD License
<http://opensource.org/licenses/bsd-license.php>
Copyright (C) 2006-2008, Google Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The word list in cjdict.txt are generated by combining three word lists listed

below with further processing for compound word breaking. The frequency lists generated with an iterative training against Google web corpora.

* Libtabe (Chinese)
-
https://sourceforge.net/project/?group_id=1519
- Its license terms and conditions are shown below.

* IPADIC (Japanese)
- <http://chasen.aist-nara.ac.jp/chasen/distribution.html>
- Its license terms and conditions are shown below.

-----COPYING.libtabe -----
BEGIN-----

/*
* Copyright (c) 1999 TaBE Project.
* Copyright (c) 1999 Pai-Hsiang Hsiao.
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
*
* . Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* . Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other

materials provided with the
* distribution.
* . Neither the name of the TaBE Project nor the names of its
* contributors may be used to endorse or promote products derived
* from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*
* Copyright (c) 1999 Computer Systems and Communication Lab,
* Institute of Information Science, Academia Sinica.
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* . Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* . Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
* . Neither the name of the Computer

Systems and Communication Lab
* nor the names of its contributors may
be used to endorse or
* promote products derived from this
software without specific
* prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS
* FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE
* REGENTS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES
* (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR
* SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH
DAMAGE.
*/

Copyright 1996 Chih-Hao Tsai @ Beckman
Institute, University of Illinois
c-tsai4@uiuc.edu
<http://casper.beckman.uiuc.edu/~c-tsai4>

-----COPYING.libtabe-----END

-

-----COPYING.ipadic-----BEGI
N-----
--

Copyright 2000, 2001, 2002, 2003 Nara
Institute of Science
and Technology. All Rights Reserved.

Use, reproduction, and distribution of this
software is permitted.
Any copy of this software, whether in its
original form or modified,
must include both the above copyright
notice and the following
paragraphs.

Nara Institute of Science and Technology

(NAIST),
the copyright holders, disclaims all
warranties with regard to this
software, including all implied warranties of
merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential
damages or any damages
whatsoever resulting from loss of use, data
or profits, whether in an
action of contract, negligence or other
tortuous action, arising out
of or in connection with the use or
performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The
following conditions for ICOT
Free Software applies to the current
dictionary as well.

Each User may also freely distribute the
Program, whether in its
original form or modified, to any third party
or parties, PROVIDED
that the provisions of Section 3 ("NO
WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is
distributed substantially
in the same form as set out herein and that
such intended
distribution, if actually made, will neither
violate or otherwise
contravene any of the laws and regulations
of the countries having
jurisdiction over the User or the intended
distribution itself.

NO WARRANTY

The program was produced on an
experimental basis in the course of the
research and development conducted
during the project and is provided
to users as so produced on an
experimental basis. Accordingly, the
program is provided without any warranty
whatsoever, whether express,
implied, statutory or otherwise. The term
"warranty" used herein
includes, but is not limited to, any warranty
of the quality,
performance, merchantability and fitness
for a particular purpose of
the program and the nonexistence of any
infringement or violation of
any right of any third party.

Each user of the program will agree and
understand, and be deemed to


```

# have agreed and understood, that there is
no warranty whatsoever for
# the program and, accordingly, the entire
risk arising from or
# otherwise connected with the program is
assumed by the user.
#
# Therefore, neither ICOT, the copyright
holder, or any other
# organization that participated in or was
otherwise related to the
# development of the program and their
respective officials, directors,
# officers and other employees shall be held
liable for any and all
# damages, including, without limitation,
general, special, incidental
# and consequential damages, arising out of
or otherwise in connection
# with the use or inability to use the program
or any product, material
# or result produced or otherwise obtained
by using the program,
# regardless of whether they have been
advised of, or otherwise had
# knowledge of, the possibility of such
damages at any time during the
# project or thereafter. Each user will be
deemed to have agreed to the
# foregoing by his or her commencement of
use of the program. The term
# "use" as used herein includes, but is not
limited to, the use,
# modification, copying and distribution of
the program and the
# production of secondary products from the
program.
#
# In the case where the program, whether in
its original form or
# modified, was distributed or delivered to or
received by a user from
# any person, organization or entity other
than ICOT, unless it makes or
# grants independently of ICOT any specific
warranty to the user in
# writing, such person, organization or entity,
will also be exempted
# from and not be held liable to the user for
any such damages as noted
# above as far as the program is concerned.
#
# -----COPYING.ipadic-----END-
-----

```

3. Lao Word Break Dictionary Data (laodict.txt)

```

# Copyright (c) 2013 International Business
Machines Corporation
# and others. All Rights Reserved.

```

```

#
# Project: http://code.google.com/p/lao-dictionary/
# Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt
# License: http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt
# (copied below)
#
# This file is derived from the above
dictionary, with slight modifications
.
# -----
-----
# Copyright (C) 2013 Brian Eugene Wilson,
Robert Martin Campbell.
# All rights reserved.
#
# Redistribution and use in source and binary
forms, with or without modifi
cation,
# are permitted provided that the following
conditions are met:
#
# Redistributions of source code
must retain the above copyright no
tice, this
# list of conditions and the
following disclaimer. Redistributions
in binary
# form must reproduce the above
copyright notice, this list of cond
itions and
# the following disclaimer in the
documentation and/or other materi
als
# provided with the distribution.
#
# THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS "AS I
S" AND
# ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMP
LIED
# WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT HOLDER OR CONTRIBUTORS BE LIA
BLE FOR
# ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DA
MAGES
# (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVIC
ES;
# LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED A
ND ON

```

```
# ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT
# (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF
THIS
# SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

```
# -----
-----
-----
```

4. Burmese Word Break Dictionary Data (burmesedict.txt)

```
# Copyright (c) 2014 International Business
Machines Corporation
# and others. All Rights Reserved.
```

```
#
# This list is part of a project hosted at:
# github.com/kanyawtech/myanmar-
karen-word-lists
```

```
#
# -----
-----
```

```
# Copyright (c) 2013, LeRoy Benjamin Sharon
# All rights reserved.
```

```
#
# Redistribution and use in source and binary
forms, with or without modifi
cation,
# are permitted provided that the following
conditions are met:
```

```
#
# Redistributions of source code must
retain the above copyright notice,
this
# list of conditions and the following
disclaimer.
```

```
#
# Redistributions in binary form must
reproduce the above copyright notic
e, this
# list of conditions and the following
disclaimer in the documentation an
d/or
# other materials provided with the
distribution.
```

```
#
# Neither the name Myanmar Karen Word
Lists, nor the names of its
# contributors may be used to endorse or
promote products derived from
# this software without specific prior
written permission.
```

```
#
# THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS "AS I
S" AND
```

```
# ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMP
LIED
# WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT HOLDER OR CONTRIBUTORS BE LIA
BLE FOR
```

```
# ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DA
MAGES
```

```
# (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVIC
ES;
```

```
# LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED A
ND ON
```

```
# ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT
# (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF
```

```
THIS
# SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

```
# -----
-----
-----
```

5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

7. Database Ownership

The TZ database itself is not an IETF Contribution or an IETF document. Rather it is a pre-existing and regularly updated work that is in the public domain, and is intended to remain in the public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do not apply to the TZ Database or contributions that individuals make to it. Should any claims be made and substantiated against the TZ Database, the organization that is providing the IANA Considerations defined in this RFC, under the memorandum of understanding with the IETF, currently ICANN, may act in accordance with all competent court orders. No ownership claims will be made by ICANN or the IETF Trust

on the database or the code. Any person making a contribution to the database or code waives all rights to future claims in that contribution or in the TZ Database.

google-jstemplate
URL: <http://code.google.com/p/google-jstemplate/>

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While

redistributing

the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and

limitations under the License.

Khronos header files

URL: <http://www.khronos.org/registry>

Copyright (c) 2007-2010 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

SGI FREE SOFTWARE LICENSE B (Version 2.0, Sept. 18, 2008)

Copyright (C) 1992 Silicon Graphics, Inc. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice including the dates of first

publication and either this permission notice or a reference to <http://oss.sgi.com/projects/FreeB/> shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL SILICON GRAPHICS, INC. BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Silicon Graphics, Inc. shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from Silicon Graphics, Inc.

LevelDB: A Fast Persistent Key-Value Store
URL: <https://github.com/google/leveldb.git>

Copyright (c) 2011 The LevelDB Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The library to input, validate, and display addresses.
URL: <https://github.com/googlei18n/libaddressinput>

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed

by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any

medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance

with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

libjingle

URL: <http://www.webrtc.org>

Copyright (c) 2013, Google Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

* The name of the author may not be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY

WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

libjpeg

URL: <http://www.ijg.org/>

(Copied from the README.)

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.

All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files

must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the

Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the

resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

jconfig.h is distributed under the MPL 1.1/GPL 2.0/LGPL 2.1 tri-license.

jmorecfg.h contains modifications, which are distributed under the Netscape Public License.

libjpeg-turbo
URL: <http://sourceforge.net/projects/libjpeg-turbo/>

libjpeg-turbo is licensed under a non-restrictive, BSD-style license (see README.) The TurboJPEG/OSS wrapper (both C and Java versions) and associated test programs bear a similar license, which is reproduced below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

International Phone Number Library
URL:
<http://libphonenumber.googlecode.com/svn/trunk/>

Copyright (C) 2011 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

libpng
URL: <http://libpng.org/>

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

pngusr.h is distributed under the MPL 1.1/GPL 2.0/LGPL 2.1 tri-license.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000, through 1.2.54, November 12, 2015, are

Copyright (c) 2000–2002, 2004, 2006–2015 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Cosmin Truta
Gilles Vollant

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998–2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996–1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are

Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

A "png_get_copyright" function is available, for convenient use in "about"

boxes and the like:

```
printf("%s", png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png.jpg" and "pngbar.jpg (88x31) and "pngnow.png.jpg" (98x31).

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative. OSI has not addressed the additional disclaimers inserted at version 1.0.7.

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
November 12, 2015

libsrtsp
URL: <https://github.com/cisco/libsrtsp>

```
/*  
 *  
 * Copyright (c) 2001-2006 Cisco Systems, Inc.  
 * All rights reserved.  
 *  
 * Redistribution and use in source and binary forms,  
 with or without  
 * modification, are permitted provided that the  
 following conditions  
 * are met:  
 *  
 * Redistributions of source code must retain the  
 above copyright  
 * notice, this list of conditions and the following  
 disclaimer.  
 *  
 * Redistributions in binary form must reproduce  
 the above  
 * copyright notice, this list of conditions and the  
 following  
 * disclaimer in the documentation and/or other  
 materials provided  
 * with the distribution.  
 *  
 * Neither the name of the Cisco Systems, Inc. nor  
 the names of its  
 * contributors may be used to endorse or  
 promote products derived  
 * from this software without specific prior written  
 permission.  
 *  
 * THIS SOFTWARE IS PROVIDED BY THE  
 COPYRIGHT HOLDERS AND CONTRIBUTORS  
 * "AS IS" AND ANY EXPRESS OR IMPLIED  
 WARRANTIES, INCLUDING, BUT NOT  
 * LIMITED TO, THE IMPLIED WARRANTIES OF  
 MERCHANTABILITY AND FITNESS  
 * FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
```

IN NO EVENT SHALL THE
* COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT,
* INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
OR CONSEQUENTIAL DAMAGES
* (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR
* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
*
*/

libusbx
URL: <http://libusb.org>

GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation,
Inc.

51 Franklin Street, Fifth Floor, Boston, MA
02110-1301 USA

Everyone is permitted to copy and distribute
verbatim copies
of this license document, but changing it is not
allowed.

[This is the first released version of the Lesser GPL. It
also counts
as the successor of the GNU Library Public License,
version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take
away your
freedom to share and change it. By contrast, the
GNU General Public
Licenses are intended to guarantee your freedom to
share and change
free software--to make sure the software is free for
all its users.

This license, the Lesser General Public License,
applies to some
specially designated software packages--typically
libraries--of the
Free Software Foundation and other authors who
decide to use it. You
can use it too, but we suggest you first think carefully
about whether
this license or the ordinary General Public License is

the better
strategy to use in any particular case, based on the
explanations below.

When we speak of free software, we are referring to
freedom of use,
not price. Our General Public Licenses are designed
to make sure that
you have the freedom to distribute copies of free
software (and charge
for this service if you wish); that you receive source
code or can get
it if you want it; that you can change the software and
use pieces of
it in new free programs; and that you are informed
that you can do
these things.

To protect your rights, we need to make restrictions
that forbid
distributors to deny you these rights or to ask you to
surrender these
rights. These restrictions translate to certain
responsibilities for
you if you distribute copies of the library or if you
modify it.

For example, if you distribute copies of the library,
whether gratis
or for a fee, you must give the recipients all the rights
that we gave
you. You must make sure that they, too, receive or
can get the source
code. If you link other code with the library, you
must provide
complete object files to the recipients, so that they
can relink them
with the library after making changes to the library
and recompiling
it. And you must show them these terms so they
know their rights.

We protect your rights with a two-step method: (1)
we copyright the
library, and (2) we offer you this license, which gives
you legal
permission to copy, distribute and/or modify the
library.

To protect each distributor, we want to make it very
clear that
there is no warranty for the free library. Also, if the
library is
modified by someone else and passed on, the
recipients should know
that what they have is not the original version, so that
the original
author's reputation will not be affected by problems
that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is

that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software

library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and

copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees

extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the

terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined

library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further

restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING

THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

libvpx
URL: <http://www.webmproject.org>

Copyright (c) 2010, The WebM Project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the

above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google, nor the WebM Project, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

WebP image encoder/decoder
URL: <http://developers.google.com/speed/webp>

Copyright (c) 2010, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Additional IP Rights Grant (Patents) -----

"These implementations" means the copyrightable works that implement the WebM codecs distributed by Google as part of the WebM Project.

Google hereby grants to you a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer, and otherwise run, modify and propagate the contents of these implementations of WebM, where such license applies only to those patent claims, both currently owned by Google and acquired in the future, licensable by Google that are necessarily infringed by these implementations of WebM. This grant does not include claims that would be infringed only as a consequence of

further modification of these implementations. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation or any other patent enforcement activity against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that any of these implementations of WebM or any code incorporated within any of these implementations of WebM constitute direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for these implementations of WebM shall terminate as of the date such litigation is filed.

libxml
URL: <http://xmlsoft.org>

Except where otherwise noted in the source code (e.g. the files hash.c, list.c and the trio files, which are covered by a similar licence but with different Copyright notices) all the files are:

Copyright (C) 1998-2012 Daniel Veillard. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

libxslt
URL: <http://xmlsoft.org/XSLT>

Licence for libxslt except libexslt

Copyright (C) 2001-2002 Daniel Veillard. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE DANIEL VEILLARD BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

Licence for libexslt

Copyright (C) 2001-2002 Thomas Broyer, Charlie Bozeman and Daniel Veillard.
All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without

limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the authors shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

libyuv
URL: <http://code.google.com/p/libyuv/>

Copyright 2011 The LibYuv Project Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Google nor the names of its contributors may

be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

linux-syscall-support
URL: <http://code.google.com/p/linux-syscall-support/>

```
// Copyright 2015 The Chromium Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
```

```
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

LZ4 - Extremely fast compression
URL: <https://code.google.com/p/lz4/>

LZ4 Library
Copyright (c) 2011-2014, Yann Collet
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING

IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

LZMA SDK

URL: <http://www.7-zip.org/sdk.html>

LZMA SDK is placed in the public domain.

mesa

URL: <http://www.mesa3d.org/>

The default Mesa license is as follows:

Copyright (C) 1999-2007 Brian Paul All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL BRIAN PAUL BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Some parts of Mesa are copyrighted under the GNU LGPL. See the Mesa/docs/COPYRIGHT file for details.

The following is the standard GNU copyright file.

GNU LIBRARY GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
675 Mass Ave, Cambridge,
MA 02139, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must

provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application

program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License").

Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the

Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library,

and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a

portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of

definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise

permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to

this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted

interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY

KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute

it and/or

modify it under the terms of the GNU Library
General Public
License as published by the Free Software
Foundation; either
version 2 of the License, or (at your option) any
later version.

This library is distributed in the hope that it will
be useful,
but WITHOUT ANY WARRANTY; without even the
implied warranty of
MERCHANTABILITY or FITNESS FOR A
PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU
Library General Public
License along with this library; if not, write to the
Free
Software Foundation, Inc., 675 Mass Ave,
Cambridge, MA 02139, USA.

Also add information on how to contact you by
electronic and paper mail.

You should also get your employer (if you work as a
programmer) or your
school, if any, to sign a "copyright disclaimer" for the
library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the
library 'Frob' (a library for tweaking knobs) written
by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

modp base64 decoder
URL: <https://github.com/client9/stringencoders>

```
* MODP_B64 - High performance base64
encoder/decoder
* Version 1.3 -- 17-Mar-2006
* http://modp.com/release/base64
*
* Copyright (c) 2005, 2006 Nick Galbreath -- nickg
[at] modp [dot] com
* All rights reserved.
*
* Redistribution and use in source and binary forms,
with or without
* modification, are permitted provided that the
following conditions are
* met:
```

```
*
* Redistributions of source code must retain the
above copyright
* notice, this list of conditions and the following
disclaimer.
*
* Redistributions in binary form must reproduce
the above copyright
* notice, this list of conditions and the following
disclaimer in the
* documentation and/or other materials provided
with the distribution.
*
* Neither the name of the modp.com nor the
names of its
* contributors may be used to endorse or
promote products derived from
* this software without specific prior written
permission.
*
* THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
* A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE COPYRIGHT
* OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE
* OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

Mojo
URL: <https://github.com/domokit/mojo>

```
// Copyright 2014 The Chromium Authors. All rights
reserved.
//
// Redistribution and use in source and binary forms,
with or without
// modification, are permitted provided that the
following conditions are
// met:
//
// * Redistributions of source code must retain
the above copyright
// notice, this list of conditions and the following
disclaimer.
// * Redistributions in binary form must reproduce
```



```

the above
// copyright notice, this list of conditions and the
following disclaimer
// in the documentation and/or other materials
provided with the
// distribution.
// * Neither the name of Google Inc. nor the
names of its
// contributors may be used to endorse or promote
products derived from
// this software without specific prior written
permission.
//
// THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

```

mt19937ar
URL: <http://www.math.sci.hiroshima-u.ac.jp/m-mat/MT/MT2002/emt19937ar.html>

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using
init_genrand(seed)
or init_by_array(init_key, key_length).

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

```

THIS SOFTWARE IS PROVIDED BY THE
COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

```

Netscape Plugin Application Programming Interface (NPAPI)

URL: <http://mxr.mozilla.org/mozilla-central/source/modules/plugin/base/public/>

Version: MPL 1.1/GPL 2.0/LGPL 2.1

The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and

limitations under the License.

The Original Code is mozilla.org code.

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by the Initial Developer are Copyright (C) 1998 the Initial Developer. All Rights Reserved.

Contributor(s):

Alternatively, the contents of this file may be used under the terms of either the GNU General Public License Version 2 or later (the "GPL"), or the GNU Lesser General Public License Version 2.1 or later (the "LGPL"), in which case the provisions of the GPL or the LGPL are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of either the GPL or the LGPL, and not to allow others to use your version of this file under the terms of the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL or the LGPL. If you do not delete the provisions above, a recipient may use your version of this file under the terms of any one of the MPL, the GPL or the LGPL.

OpenMAX DL

URL: <https://silver.arm.com/download/Software/Graphics/OX000-BU-00010-r1p0-00bet0/OX000-BU-00010-r1p0-00bet0.tgz>

Use of this source code is governed by a BSD-style license that can be found in the LICENSE file in the root of the source tree. All contributing project authors may be found in the AUTHORS file in the root of the source tree.

The files were originally licensed by ARM Limited.

The following files:

- * dl/api/omxtypes.h
- * dl/sp/api/omxSP.h

are licensed by Khronos:

Copyright © 2005-2008 The Khronos Group Inc. All Rights Reserved.

These materials are protected by copyright laws and contain material proprietary to the Khronos Group, Inc. You may use these materials for implementing Khronos specifications, without altering or removing any trademark, copyright or other notice from the specification.

Khronos Group makes no, and expressly disclaims any, representations or warranties, express or implied, regarding these materials, including, without limitation, any implied warranties of merchantability or fitness for a particular purpose or non-infringement of any intellectual property. Khronos Group makes no, and expressly disclaims any, warranties, express or implied, regarding the correctness, accuracy, completeness, timeliness, and reliability of these materials.

Under no circumstances will the Khronos Group, or any of its Promoters, Contributors or Members or their respective partners, officers, directors, employees, agents or representatives be liable for any damages, whether direct, indirect, special or consequential damages for lost revenues, lost profits, or otherwise, arising from or in connection with these materials.

Khronos and OpenMAX are trademarks of the Khronos Group Inc.

opus

URL: <http://git.xiph.org/?p=opus.git>

Copyright 2001-2011 Xiph.Org, Skype Limited, Octasic, Jean-Marc Valin, Timothy B. Terriberry, CSIRO, Gregory Maxwell, Mark Borgerding, Erik de Castro Lopo

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the

above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Opus is subject to the royalty-free patent licenses which are specified at:

Xiph.Org Foundation:
<https://datatracker.ietf.org/ipr/1524/>

Microsoft Corporation:
<https://datatracker.ietf.org/ipr/1914/>

Broadcom Corporation:
<https://datatracker.ietf.org/ipr/1526/>

OTS (OpenType Sanitizer)
URL: <https://github.com/khaledhosny/ots.git>

// Copyright (c) 2009 The Chromium Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are

// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

PLY (Python Lex-Yacc)
URL: <http://www.dabeaz.com/ply/ply-3.4.tar.gz>

PLY (Python Lex-Yacc)
Version 3.4

Copyright (C) 2001-2011,
David M. Beazley (Dabeaz LLC)
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the

above copyright notice,
this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the
above copyright notice,
this list of conditions and the following disclaimer in
the documentation
and/or other materials provided with the
distribution.
* Neither the name of the David Beazley or Dabeaz
LLC may be used to
endorse or promote products derived from this
software without
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

Protocol Buffers
URL: <http://protobuf.googlecode.com/svn/trunk>

Copyright 2008, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms,
with or without
modification, are permitted provided that the
following conditions are
met:

* Redistributions of source code must retain the
above copyright
notice, this list of conditions and the following
disclaimer.
* Redistributions in binary form must reproduce
the above
copyright notice, this list of conditions and the
following disclaimer
in the documentation and/or other materials provided
with the
distribution.

* Neither the name of Google Inc. nor the names
of its
contributors may be used to endorse or promote
products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is
owned by the owner
of the input file used when generating it. This code is
not
standalone and requires a support library to be linked
with it. This
support library is itself covered by the above license.

Quick Color Management System
URL: <https://github.com/jrmuizel/qcms/tree/v4>

qcms
Copyright (C) 2009 Mozilla Corporation
Copyright (C) 1998–2007 Marti Maria

Permission is hereby granted, free of charge, to any
person obtaining
a copy of this software and associated
documentation files (the "Software"),
to deal in the Software without restriction, including
without limitation
the rights to use, copy, modify, merge, publish,
distribute, sublicense,
and/or sell copies of the Software, and to permit
persons to whom the Software
is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission
notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

re2 - an efficient, principled regular expression library
URL: <https://github.com/google/re2>

```
// Copyright (c) 2009 The RE2 Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
```

```
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

sfntly
URL: <https://github.com/googlei18n/sfntly>

Apache
License
Version 2.0,
January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting

from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been

received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry

prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any
Derivative Works
that You distribute, all copyright, patent,
trademark, and
attribution notices from the Source form
of the Work,
excluding those notices that do not
pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as
part of its
distribution, then any Derivative Works
that You distribute must
include a readable copy of the
attribution notices contained
within such NOTICE file, excluding those
notices that do not
pertain to any part of the Derivative
Works, in at least one
of the following places: within a NOTICE
text file distributed
as part of the Derivative Works; within
the Source form or
documentation, if provided along with
the Derivative Works; or,
within a display generated by the
Derivative Works, if and
wherever such third-party notices
normally appear. The contents
of the NOTICE file are for informational
purposes only and
do not modify the License. You may add
Your own attribution
notices within Derivative Works that You
distribute, alongside
or as an addendum to the NOTICE text
from the Work, provided
that such additional attribution notices
cannot be construed
as modifying the License.

You may add Your own copyright statement to
Your modifications and
may provide additional or different license
terms and conditions
for use, reproduction, or distribution of Your
modifications, or
for any such Derivative Works as a whole,
provided Your use,
reproduction, and distribution of the Work
otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You
explicitly state otherwise,
any Contribution intentionally submitted for

inclusion in the Work
by You to the Licensor shall be under the
terms and conditions of
this License, without any additional terms or
conditions.

Notwithstanding the above, nothing herein
shall supersede or modify
the terms of any separate license agreement
you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant
permission to use the trade
names, trademarks, service marks, or product
names of the Licensor,
except as required for reasonable and
customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by
applicable law or
agreed to in writing, Licensor provides the
Work (and each
Contributor provides its Contributions) on an
"AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF
ANY KIND, either express or
implied, including, without limitation, any
warranties or conditions
of TITLE, NON-INFRINGEMENT,
MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely
responsible for determining the
appropriateness of using or redistributing the
Work and assume any
risks associated with Your exercise of
permissions under this License.

8. Limitation of Liability. In no event and under no
legal theory,
whether in tort (including negligence),
contract, or otherwise,
unless required by applicable law (such as
deliberate and grossly
negligent acts) or agreed to in writing, shall
any Contributor be
liable to You for damages, including any
direct, indirect, special,
incidental, or consequential damages of any
character arising as a
result of this License or out of the use or
inability to use the
Work (including but not limited to damages for
loss of goodwill,
work stoppage, computer failure or
malfunction, or any and all
other commercial damages or losses), even if
such Contributor
has been advised of the possibility of such

damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2011 Google Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY

KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Skia

URL: <https://skia.org/>

```
// Copyright (c) 2011 Google Inc. All rights reserved.
//
// Redistribution and use in source and binary forms,
// with or without
// modification, are permitted provided that the
// following conditions are
// met:
//
// * Redistributions of source code must retain
// the above copyright
// notice, this list of conditions and the following
// disclaimer.
// * Redistributions in binary form must reproduce
// the above
// copyright notice, this list of conditions and the
// following disclaimer
// in the documentation and/or other materials
// provided with the
// distribution.
// * Neither the name of Google Inc. nor the
// names of its
// contributors may be used to endorse or promote
// products derived from
// this software without specific prior written
// permission.
//
// THIS SOFTWARE IS PROVIDED BY THE
// COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED
// WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF
// MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
// EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY
// DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
// DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE
// GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS
// INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT,
// STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE)
// ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE
// POSSIBILITY OF SUCH DAMAGE.
```


third_party/etc1 is under the following license:

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

copyright license to reproduce, prepare
Derivative Works of,
publicly display, publicly perform, sublicense,
and distribute the
Work and such Derivative Works in Source or
Object form.

3. Grant of Patent License. Subject to the terms
and conditions of
this License, each Contributor hereby grants to
You a perpetual,
worldwide, non-exclusive, no-charge, royalty-
free, irrevocable
(except as stated in this section) patent license
to make, have made,
use, offer to sell, sell, import, and otherwise
transfer the Work,
where such license applies only to those
patent claims licensable
by such Contributor that are necessarily
infringed by their
Contribution(s) alone or by combination of
their Contribution(s)
with the Work to which such Contribution(s)
was submitted. If You
institute patent litigation against any entity
(including a
cross-claim or counterclaim in a lawsuit)
alleging that the Work
or a Contribution incorporated within the Work
constitutes direct
or contributory patent infringement, then any
patent licenses
granted to You under this License for that
Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and
distribute copies of the
Work or Derivative Works thereof in any
medium, with or without
modifications, and in Source or Object form,
provided that You
meet the following conditions:

(a) You must give any other recipients of the
Work or
Derivative Works a copy of this License;
and

(b) You must cause any modified files to carry
prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any
Derivative Works
that You distribute, all copyright, patent,
trademark, and
attribution notices from the Source form
of the Work,

excluding those notices that do not
pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as
part of its
distribution, then any Derivative Works
that You distribute must
include a readable copy of the
attribution notices contained
within such NOTICE file, excluding those
notices that do not
pertain to any part of the Derivative
Works, in at least one
of the following places: within a NOTICE
text file distributed
as part of the Derivative Works; within
the Source form or
documentation, if provided along with
the Derivative Works; or,
within a display generated by the
Derivative Works, if and
wherever such third-party notices
normally appear. The contents
of the NOTICE file are for informational
purposes only and
do not modify the License. You may add
Your own attribution
notices within Derivative Works that You
distribute, alongside
or as an addendum to the NOTICE text
from the Work, provided
that such additional attribution notices
cannot be construed
as modifying the License.

You may add Your own copyright statement to
Your modifications and
may provide additional or different license
terms and conditions
for use, reproduction, or distribution of Your
modifications, or
for any such Derivative Works as a whole,
provided Your use,
reproduction, and distribution of the Work
otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You
explicitly state otherwise,
any Contribution intentionally submitted for
inclusion in the Work
by You to the Licensor shall be under the
terms and conditions of
this License, without any additional terms or
conditions.

Notwithstanding the above, nothing herein
shall supersede or modify
the terms of any separate license agreement
you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights

consistent with this

License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Some files under resources are under the following license:

Unlimited Commercial Use

We try to make it clear that you may use all clipart from Openclipart even for unlimited commercial use. We believe that giving away our images is a great way to share with the world our talents and that will come back around in a better form.

May I Use Openclipart for?

We put together a small chart of as many possibilities and questions we have heard from people asking how they may use Openclipart. If you have an additional question, please email love@openclipart.org.

All Clipart are Released into the Public Domain.

Each artist at Openclipart releases all rights to the images they share at Openclipart. The reason is so that there is no friction in using and sharing images authors make available at this website so that each artist might also receive the same benefit in using other artists clipart totally for any possible reason.

SMHasher

URL: <http://code.google.com/p/smhasher/>

All MurmurHash source files are placed in the public domain.

The license below applies to all other code in SMHasher:

Copyright (c) 2011 Google, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Snappy: A fast compressor/decompressor

URL: <http://google.github.io/snappy/>

Copyright 2011, Google Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

sqlite

URL: <http://sqlite.org/>

The author disclaims copyright to this source code.

In place of
a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive
others.
May you share freely, never taking more than you
give.

tcmmalloc
URL: <http://gperftools.googlecode.com/>

```
// Copyright (c) 2005, Google Inc.  
// All rights reserved.  
//  
// Redistribution and use in source and binary forms,  
// with or without  
// modification, are permitted provided that the  
// following conditions are  
// met:  
//  
// * Redistributions of source code must retain  
// the above copyright  
// notice, this list of conditions and the following  
// disclaimer.  
// * Redistributions in binary form must  
// reproduce the above  
// copyright notice, this list of conditions and the  
// following disclaimer  
// in the documentation and/or other materials  
// provided with the  
// distribution.  
// * Neither the name of Google Inc. nor the  
// names of its  
// contributors may be used to endorse or promote  
// products derived from  
// this software without specific prior written  
// permission.  
//  
// THIS SOFTWARE IS PROVIDED BY THE  
// COPYRIGHT HOLDERS AND CONTRIBUTORS  
// "AS IS" AND ANY EXPRESS OR IMPLIED  
// WARRANTIES, INCLUDING, BUT NOT  
// LIMITED TO, THE IMPLIED WARRANTIES OF  
// MERCHANTABILITY AND FITNESS FOR  
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO  
// EVENT SHALL THE COPYRIGHT  
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY  
// DIRECT, INDIRECT, INCIDENTAL,  
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
// DAMAGES (INCLUDING, BUT NOT  
// LIMITED TO, PROCUREMENT OF SUBSTITUTE  
// GOODS OR SERVICES; LOSS OF USE,  
// DATA, OR PROFITS; OR BUSINESS  
// INTERRUPTION) HOWEVER CAUSED AND ON ANY  
// THEORY OF LIABILITY, WHETHER IN CONTRACT,  
// STRICT LIABILITY, OR TORT  
// (INCLUDING NEGLIGENCE OR OTHERWISE)  
// ARISING IN ANY WAY OUT OF THE USE  
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE
```

POSSIBILITY OF SUCH DAMAGE.

The USB ID Repository
URL: <http://www.linux-usb.org/usb-ids.html>

Copyright (c) 2012, Linux USB Project
All rights reserved.

Redistribution and use in source and binary forms,
with or without modification, are permitted provided
that the following conditions are met:

- o Redistributions of source code must retain the
above copyright notice,
this list of conditions and the following disclaimer.
- o Redistributions in binary form must reproduce the
above copyright
notice, this list of conditions and the following
disclaimer in the
documentation and/or other materials provided
with the distribution.
- o Neither the name of the Linux USB Project nor the
names of its
contributors may be used to endorse or promote
products derived from
this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT SHALL THE COPYRIGHT HOLDER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGE.

usrstcp
URL: <http://github.com/sctplab/usrstcp>

(Copied from the COPYRIGHT file of
<https://code.google.com/p/sctp-refimpl/source/browse/trunk/COPYRIGHT>)

Copyright (c) 2001, 2002 Cisco Systems, Inc.

Copyright (c) 2002–12 Randall R. Stewart
Copyright (c) 2002–12 Michael Tuexen
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

wayland
URL: <http://wayland.freedesktop.org/>

Copyright © 2008–2012 Kristian Høgsberg
Copyright © 2010–2012 Intel Corporation
Copyright © 2011 Benjamin Franzke
Copyright © 2012 Collabora, Ltd.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit

persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The above is the version of the MIT "Expat" License used by X.org:

<http://cgit.freedesktop.org/xorg/xserver/tree/COPYING>

wayland-protocols
URL: <http://wayland.freedesktop.org/>

Copyright © 2008–2013 Kristian Høgsberg
Copyright © 2010–2013 Intel Corporation
Copyright © 2013 Rafael Antognolli
Copyright © 2013 Jasper St. Pierre
Copyright © 2014 Jonas Ådahl
Copyright © 2014 Jason Ekstrand
Copyright © 2014–2015 Collabora, Ltd.
Copyright © 2015 Red Hat Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or

substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The above is the version of the MIT "Expat" License used by X.org:

<http://cgit.freedesktop.org/xorg/xserver/tree/COPYING>

Web Animations JS

URL: <https://github.com/web-animations/web-animations-js>

Apache

License

Version 2.0,

January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity,

whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or

written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that

Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed

as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

WebRTC
URL: <http://www.webrtc.org>

Copyright (c) 2011, The WebRTC project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

x86inc
URL: <http://git.videolan.org/?p=x264.git;a=blob;f=common/x86/x86inc.asm>

```

*****
;
*****
;
.* x86inc.asm
;
*****
;
*****
;
.* Copyright (C) 2005-2011 x264 project
;
.*
;
.* Authors: Loren Merritt <lorenm@u.washington.edu>
;
.* Anton Mitrofanov
;
.* <BugMaster@narod.ru>
;
.* Jason Garrett-Glaser
;
.* <darkshikari@gmail.com>
;
.*
;
.* Permission to use, copy, modify, and/or distribute
;
.* this software for any
;
.* purpose with or without fee is hereby granted,
;
.* provided that the above
;
.* copyright notice and this permission notice appear
;
.* in all copies.
;
.*
;
.* THE SOFTWARE IS PROVIDED "AS IS" AND THE
;
.* AUTHOR DISCLAIMS ALL WARRANTIES
;
.* WITH REGARD TO THIS SOFTWARE INCLUDING
;
.* ALL IMPLIED WARRANTIES OF
;
.* MERCHANTABILITY AND FITNESS. IN NO EVENT
;
.* SHALL THE AUTHOR BE LIABLE FOR
;
.* ANY SPECIAL, DIRECT, INDIRECT, OR
;
.* CONSEQUENTIAL DAMAGES OR ANY DAMAGES
;
.* WHATSOEVER RESULTING FROM LOSS OF USE,
;
.* DATA OR PROFITS, WHETHER IN AN
;
.* ACTION OF CONTRACT, NEGLIGENCE OR OTHER
;
.* TORTIOUS ACTION, ARISING OUT OF
;
.* OR IN CONNECTION WITH THE USE OR
;
.* PERFORMANCE OF THIS SOFTWARE.
;
*****
;
*****

```

; This is a header file for the x264ASM assembly language, which uses ; NASM/YASM syntax combined with a large number of macros to provide easy

; abstraction between different calling conventions (x86_32, win64, linux64).
; It also has various other useful features to simplify writing the kind of
; DSP functions that are most often used in x264.

; Unlike the rest of x264, this file is available under an ISC license, as it
; has significant usefulness outside of x264 and we want it to be available
; to the largest audience possible. Of course, if you modify it for your own
; purposes to add a new feature, we strongly encourage contributing a patch
; as this feature might be useful for others as well. Send patches or ideas
; to x264-devel@videolan.org .

zlib
URL: <http://zlib.net/>

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.4, March 14th, 2010

Copyright (C) 1995-2010 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly
Mark Adler

*/
mozzconf.h is distributed under the MPL 1.1/GPL 2.0/LGPL 2.1 tri-license.

url_parse
URL: <http://mxr.mozilla.org/comm-central/source/mozilla/network/base/src/nsURLParsers.cpp>

Copyright 2007, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The file url_parse.cc is based on nsURLParsers.cc from Mozilla. This file is licensed separately as follows:

The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is mozilla.org code.

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by the Initial Developer are Copyright (C) 1998 the Initial Developer. All Rights Reserved.

Contributor(s):
Darin Fisher (original author)

Alternatively, the contents of this file may be used under the terms of either the GNU General Public License Version 2 or later (the "GPL"), or the GNU Lesser General Public License Version 2.1 or later (the "LGPL"), in which case the provisions of the GPL or the LGPL are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of either the GPL or the LGPL, and not to allow others to use your version of this file under the terms of the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL or the LGPL. If you do not delete the provisions above, a recipient may use your version of this file under the terms of any one of the MPL, the GPL or the LGPL.

V8 JavaScript Engine
URL: <http://code.google.com/p/v8>

This license applies to all parts of V8 that are not externally maintained libraries. The externally maintained libraries used by V8 are:

- PCRE test suite, located in `test/mjsunit/third_party/regexp-pcre/regexp-`

`pcre.js`. This is based on the test suite from PCRE-7.3, which is copyrighted by the University of Cambridge and Google, Inc. The copyright notice and license are embedded in `regexp-pcre.js`.

- Layout tests, located in `test/mjsunit/third_party/object-keys`. These are based on layout tests from `webkit.org` which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files `assembler-arm-inl.h`, `assembler-arm.cc`, `assembler-arm.h`, `assembler-ia32-inl.h`, `assembler-ia32.cc`, `assembler-ia32.h`, `assembler-x64-inl.h`, `assembler-x64.cc`, `assembler-x64.h`, `assembler-mips-inl.h`, `assembler-mips.cc`, `assembler-mips.h`, `assembler.cc` and `assembler.h`. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.

- Valgrind client API header, located at `third_party/valgrind/valgrind.h`. This is release under the BSD license.

These libraries have their own licenses; we recommend you read them, as their terms may differ from the terms below.

Further license information can be found in LICENSE files located in sub-directories.

Copyright 2014, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google Inc. nor the names

of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

fdlibm
URL: <http://www.netlib.org/fdlibm/>

Copyright (C) 1993-2004 by Sun Microsystems, Inc.
All rights reserved.

Developed at SunSoft, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

Strongtalk
URL: <http://www.strongtalk.org/>

Copyright (c) 1994-2006 Sun Microsystems Inc.
All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of Sun Microsystems or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Extra bundled binaries

name License
libcap
URL: <https://sites.google.com/site/fullycapable/>

Unless otherwise *explicitly* stated, the following text describes the licensed conditions under which the contents of this libcap release may be used and distributed:

Redistribution and use in source and binary forms of libcap, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain any existing copyright notice, and this entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce all

prior and current copyright notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of any author may not be used to endorse or promote products derived from this software without their specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License (v2.0 - see below), in which case the provisions of the GNU GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential conflict between the GNU GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Full text of gpl-2.0.txt:

GNU GENERAL PUBLIC
LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301

USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal

permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program

is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under

these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three

years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights,

from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or

unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published

by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it

under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program
'Gnomovision' (which makes passes at compilers)
written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

libnsspem

URL: <https://git.fedorahosted.org/cgit/nss-pem.git>

```
/* ***** BEGIN LICENSE BLOCK *****
 * Version: MPL 1.1/GPL 2.0/LGPL 2.1
 *
 * The contents of this file are subject to the Mozilla
Public License Version
 * 1.1 (the "License"); you may not use this file except
in compliance with
 * the License. You may obtain a copy of the License
at
 * http://www.mozilla.org/MPL/
 *
 * Software distributed under the License is
distributed on an "AS IS" basis,
 * WITHOUT WARRANTY OF ANY KIND, either
express or implied. See the License
 * for the specific language governing rights and
limitations under the
 * License.
 *

```

```
* The Original Code is the Netscape security libraries.
*
* The Initial Developer of the Original Code is
* Netscape Communications Corporation.
* Portions created by the Initial Developer are
Copyright (C) 1994-2000
* the Initial Developer. All Rights Reserved.
*
* Contributor(s):
* Rob Crittenden (rcritten@redhat.com)
*
* Alternatively, the contents of this file may be used
under the terms of
* either the GNU General Public License Version 2 or
later (the "GPL"), or
* the GNU Lesser General Public License Version 2.1
or later (the "LGPL"),
* in which case the provisions of the GPL or the
LGPL are applicable instead
* of those above. If you wish to allow use of your
version of this file only
* under the terms of either the GPL or the LGPL, and
not to allow others to
* use your version of this file under the terms of the
MPL, indicate your
* decision by deleting the provisions above and
replace them with the notice
* and other provisions required by the GPL or the
LGPL. If you do not delete
* the provisions above, a recipient may use your
version of this file under
* the terms of any one of the MPL, the GPL or the
LGPL.
* ***** END LICENSE BLOCK ***** */
```

Return to Documentation index.

© Opera TV AS 2015. Confidential information of Opera TV.

TPVision is grateful to the groups and individuals above for their contributions.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA
02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended

to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term

"modification".) Each licensee is addressed as "you". Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their

licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder

who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER

PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we

copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library.

Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs. When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that

the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or

work under the terms of Section 1 above, provided that you also meet all of these conditions:

☒a) The modified work must itself be a software library.

☒b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

☒c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

☒d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.) These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU

General Public License applies to all subsequent copies and derivative works made from that copy. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.) Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such

modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

☒a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

☒b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

☒c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

☒d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

☒e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

☒a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

☒b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY

"AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

BSD LICENSE

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT LICENSE

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Apache
License
Version 2.0,
January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1

through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by

name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those

patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF

ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.2.6, August 15, 2004, through 1.4.1, February 25, 2010, are Copyright (c) 2004, 2006-2007 Glenn Randers-Pehrson, and are

distributed according to the same disclaimer and license as libpng-1.2.5 with the following individual added to the list of Contributing Authors

Cosmin Truta

libpng versions 1.0.7, July 1, 2000, through 1.2.5 - October 3, 2002, are Copyright (c) 2000-2002 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors

Simon-Pierre Cadieux
Eric S. Raymond
Gilles Vollant

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998, 1999 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996, 1997 Andreas Dilger Distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs

Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

- Andreas Dilger
- Dave Martindale
- Guy Eric Schalnat
- Paul Schmidt
- Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

A "png_get_copyright" function is available, for convenient use in "about" boxes and the like:

```
printf("%s",png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png.jpg" and "pngbar.jpg (88x31) and "pngnow.png.jpg" (98x31).

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative.

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
February 25, 2010

This software is based in part on the work of the FreeType Team.

The FreeType Project
LICENSE

2006-Jan-27

Copyright 1996-2002,
2006 by
David Turner, Robert Wilhelm, and
Werner Lemberg

Introduction
=====

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD,

Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

- o We don't promise that this software works. However, we will be interested in any kind of bug reports. ('as is' distribution)

- o You can use this software for whatever you want, in parts or full form, without having to pay us. ('royalty-free' usage)

- o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. ('credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

```
""
Portions of this software are copyright <year>
The FreeType
Project (www.freetype.org). All rights reserved.
""
```

Please replace <year> with the value from the FreeType version you actually use.

Legal Terms =====

0. Definitions -----

Throughout this license, the terms 'package', 'FreeType Project', and 'FreeType archive' refer to the set of

files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

'You' refers to the licensee, or person using the project, where 'using' is a generic term including compiling the project's source code as well as linking it to form a 'program' or 'executable'. This program is referred to as 'a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty -----

THE FREETYPE PROJECT IS PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution -----

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source

and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

- o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising -----

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the

authors, grants you the right to use, distribute, and modify it.

Therefore, by using, distributing, or modifying the FreeType

Project, you indicate that you understand and accept all the terms of this license.

4. Contacts -----

There are two mailing lists related to FreeType:

- o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

- o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<http://www.freetype.org>

--- end of FTL.TXT ---

----- MOZILLA PUBLIC LICENSE Version 1.1 -----

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications

made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:
A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this

License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.
The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:
(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce,

modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that

Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the

terms of this License

either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an

Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six

(6) months after a subsequent version of that particular Modification has been made available to such recipients.

You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original

Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims.

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2,

Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2,

Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing

lists or newsgroups)

reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs.

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely

to look for such a notice. If You created one or more Modification(s)

You may add your name as a Contributor to the notice described in

Exhibit A. You must also duplicate this License in any documentation

for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may

choose to offer, and to charge a fee for, warranty, support, indemnity or liability

obligations to one or more recipients of Covered Code. However, You

may do so only on Your own behalf, and not on behalf of the Initial

Developer or any Contributor. You must make it absolutely clear that

any such warranty, support, indemnity or liability obligation is

offered by You alone, and You hereby agree to indemnify the Initial

Developer and every Contributor for any liability incurred by the

Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of

the terms of this

License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions.

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions.

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works.

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs

from this License)
and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers)

which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License

shall be governed by

California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions.

With respect to disputes in which at least one party is a citizen of,

or an entity chartered or registered to do business in the United

States of America, any litigation relating to this License shall be

subject to the jurisdiction of the Federal Courts of the Northern

District of California, with venue lying in Santa Clara County,

California, with the losing party responsible for costs, including

without limitation, court costs and reasonable attorneys' fees and

expenses. The application of the United Nations Convention on

Contracts for the International Sale of Goods is expressly excluded.

Any law or regulation which provides that the language of a contract

shall be construed against the drafter shall not apply to this

License.

12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is

responsible for claims and damages arising, directly or indirectly,

out of its utilization of rights under this License and You agree to

work with Initial Developer and Contributors to distribute such

responsibility on an equitable basis. Nothing herein is intended or

shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as

"Multiple-Licensed". "Multiple-Licensed" means that the Initial

Developer permits you to utilize portions of the Covered Code under

Your choice of the NPL or the alternative licenses, if any, specified

by the Initial Developer in the file described in Exhibit A.

EXHIBIT A -Mozilla Public License.

"The contents of this file are subject to the

Mozilla Public License

Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is

The Initial Developer of the Original Code is

Portions created by _____ are Copyright (C) _____

_____. All Rights Reserved.

Contributor(s):

Alternatively, the contents of this file may be used under the terms of the _____ license (the "[_____] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [_____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [_____] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [_____] License."

[NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

Guida e supporto

13.1

Risoluzione dei problemi

Accensione e telecomando

Il TV non si accende

- Scollegare il cavo di alimentazione dalla presa. Attendere un minuto e ricollegarlo.
- Controllare che il cavo di alimentazione sia collegato saldamente.

Scricchiolio all'avvio o allo spegnimento

Quando il televisore viene acceso, spento o messo in standby, si sente uno scricchiolio proveniente dallo chassis del televisore. Lo scricchiolio che si avverte è provocato da una normale espansione e contrazione dello chassis del TV man mano che si raffredda e si riscalda. Ciò non influisce sulle prestazioni.

Il TV non risponde al telecomando

Il TV richiede del tempo per l'accensione. In questo lasso di tempo, il TV non risponde ai comandi del telecomando o a quelli del TV. Si tratta di un comportamento normale.

Se il televisore continua a non rispondere al telecomando, verificare se il telecomando funziona tramite la fotocamera di un telefono cellulare. Attivare la modalità fotocamera del telefono e puntare il telecomando verso la lente della fotocamera. Se si preme qualsiasi pulsante del telecomando e si nota uno sfarfallio rosso del sensore nella fotocamera, il telecomando funziona. In tal caso, occorre controllare il televisore.

Se non si nota alcuno sfarfallio, il telecomando potrebbe essere rotto o le batterie esaurite. Questo metodo di verifica del telecomando non è possibile con i telecomandi associati in modalità wireless al televisore.

Il TV torna in standby dopo aver visualizzato la schermata di avvio Philips

Quando il TV è in standby, viene visualizzata una schermata di avvio Philips, quindi il TV torna alla modalità standby. Si tratta di un comportamento normale. Quando si scollega e si ricollega l'alimentazione del TV, la schermata di avvio viene visualizzata alla successiva accensione. Per accendere il televisore quando si trova in modalità standby, premere **⏻** sul telecomando o sul televisore.

La spia di standby continua a lampeggiare

Scollegare il cavo di alimentazione dalla presa. Attendere 5 minuti prima di ricollegare il cavo di

alimentazione. Se il lampeggiamento si ripete, rivolgersi al centro di assistenza clienti TV Philips.

Canali

Durante l'installazione non sono stati rilevati canali digitali

Per accertarsi che il televisore supporti DVB-T o DVB-C nel Paese di residenza, vedere le specifiche tecniche.

Accertarsi che tutti i cavi siano adeguatamente collegati e che sia selezionata la rete corretta.

I canali precedentemente sintonizzati non sono visualizzati nell'elenco canali

Controllare che sia stato selezionato l'elenco dei canali corretto.

Immagine

Nessuna immagine/immagine distorta

- Assicurarsi che l'antenna sia correttamente collegata al televisore.
- Assicurarsi di avere selezionato il dispositivo corretto come sorgente di visualizzazione.
- Verificare che il dispositivo esterno o la sorgente siano collegati correttamente.

Audio senza immagini

- Verificare di avere selezionato correttamente le impostazioni delle immagini.

Ricezione dell'antenna scarsa

- Assicurarsi che l'antenna sia correttamente collegata al televisore.
- Altoparlanti, dispositivi audio non collegati a terra, lampade al neon, edifici alti e altri oggetti di grandi dimensioni possono compromettere la qualità della ricezione. Se possibile, provare a migliorare la qualità della ricezione cambiando l'orientamento dell'antenna o allontanando gli apparecchi dal televisore.
- Se la ricezione su un solo canale è di scarsa qualità, sintonizzarlo meglio mediante la sintonia fine.

Scarsa qualità dell'immagine da un dispositivo

- Verificare che il dispositivo sia collegato correttamente.
- Verificare di avere selezionato correttamente le impostazioni delle immagini.

Immagine non adatta allo schermo

Utilizzare un formato immagine diverso.

Posizione dell'immagine non corretta

I segnali delle immagini di alcuni dispositivi non si adattano correttamente allo schermo. Controllare l'uscita del segnale del dispositivo.

Immagine del computer non stabile

Verificare che sul computer siano selezionate una risoluzione e una frequenza di aggiornamento supportate.

Suono

Assenza di audio o audio scarso

Se non viene rilevato alcun segnale audio, il televisore disattiva automaticamente l'uscita audio; ciò non indica un malfunzionamento.

- Controllare di avere selezionato le corrette impostazioni audio.
- Assicurarsi che tutti i cavi siano correttamente collegati.
- Assicurarsi di non avere disattivato l'audio né di avere impostato il volume su zero.
- Assicurarsi che l'uscita audio TV sia collegata all'ingresso audio del sistema Home Theater. L'audio dovrebbe essere emesso dagli altoparlanti HTS.
- Per alcuni dispositivi può essere necessario dover abilitare manualmente l'uscita audio HDMI. Se l'audio HDMI è già abilitato, tuttavia non si sente, provare a cambiare il formato dell'audio digitale del dispositivo in PCM (Pulse Code Modulation). Per le istruzioni, fare riferimento alla documentazione in dotazione con il dispositivo.

Collegamenti

HDMI

- Il supporto dello standard HDCP (High-bandwidth Digital Content Protection) può ritardare il tempo impiegato dal televisore per visualizzare i contenuti trasmessi da un dispositivo HDMI.
- Se il televisore non riconosce il dispositivo HDMI e non viene visualizzata alcuna immagine, provare a selezionare un altro dispositivo, quindi tornare sul dispositivo desiderato.
- Se vi sono interferenze audio intermittenti, assicurarsi che le impostazioni di uscita nel dispositivo HDMI siano corrette.
- Se si utilizza un adattatore HDMI-DVI o un cavo HDMI-DVI, assicurarsi di aver collegato un cavo audio aggiuntivo ad AUDIO IN (solo mini-jack), se disponibile.

EasyLink non funziona

- Assicurarsi che i dispositivi HDMI siano compatibili con lo standard HDMI-CEC. Le funzioni EasyLink si possono utilizzare solo con dispositivi compatibili con HDMI-CEC.

Nessuna icona del volume visualizzata

- Quando si collega un dispositivo audio HDMI-CEC tale comportamento è normale.

Le foto, i video e i file musicali di un dispositivo USB non vengono visualizzati

- Assicurarsi che il dispositivo di memorizzazione USB sia impostato come conforme alla classe della memoria di massa, come descritto nella documentazione del dispositivo stesso.
- Assicurarsi che il dispositivo di memorizzazione USB sia compatibile con il televisore.
- Assicurarsi che i formati dei file audio e delle immagini siano supportati dal televisore.

Riproduzione discontinua dei file USB

- Le prestazioni di trasmissione del dispositivo di memorizzazione USB possono limitare la velocità di trasferimento dei dati sul televisore, causando una riproduzione insoddisfacente.

Wi-Fi, Internet e Bluetooth

Rete Wi-Fi non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.
- Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

- Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

- Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.
- Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

DHCP

- Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Perdita della connessione Bluetooth

- Luoghi con elevata attività wireless (ad esempio appartamenti con molti router wireless) possono compromettere la qualità del collegamento wireless.

Rete

Rete Wi-Fi non trovata o distorta

- Eventuali forni a microonde, telefoni DECT o altri dispositivi Wi-Fi 802.11b/g/n/ac nelle vicinanze potrebbero disturbare la rete wireless.
- Verificare che i firewall della rete consentano l'accesso alla connessione wireless del televisore.
- Se la rete wireless non funziona correttamente, provare l'installazione mediante rete cablata.

Internet non funziona

- Se il collegamento al router è corretto, verificare la connessione ad Internet del router stesso.

Il PC e il collegamento a Internet sono lenti

- Per informazioni sulla copertura interna, sulla velocità di trasferimento e altri fattori che influiscono sulla qualità del segnale, consultare il manuale d'uso del router wireless.
- Il router deve disporre di una connessione Internet ad alta velocità (banda larga).

DHCP

- Se la connessione non riesce, verificare l'impostazione DHCP (Dynamic Host Configuration Protocol) del router. DHCP deve essere attivato.

Numero di modello e numero di serie del TV

All'utente, verrà chiesto di fornire il numero di modello e di serie del TV. Questi numeri sono riportati sull'etichetta dell'imballo o sulla targhetta sul retro/fondo del TV.

⚠ Avviso

Non tentare di riparare da soli il TV. Ciò potrebbe causare gravi lesioni e danni irreparabili al TV o rendere nulla la garanzia.

13.2

Guida online

Per risolvere eventuali problemi relativi ai televisori Philips, consultare l'assistenza online. È possibile selezionare la lingua desiderata e immettere il numero di modello del prodotto.

Visitare il sito Web www.philips.com/support

Sul sito dell'assistenza è possibile trovare il numero di telefono del servizio di assistenza del proprio Paese, nonché le risposte alle domande più frequenti (FAQ). In alcuni Paesi, è possibile parlare direttamente con uno dei nostri collaboratori o inviare le proprie domande tramite e-mail.

È possibile scaricare il nuovo software o manuale del TV da consultare sul proprio computer.

13.3

Assistenza e riparazione

Per le richieste di assistenza e riparazione, contattare il numero gratuito dell'assistenza clienti del proprio Paese. I nostri tecnici dell'assistenza eseguiranno le necessarie riparazioni.

Il numero di telefono è riportato nella documentazione cartacea in dotazione con il TV. In alternativa, consultare il nostro sito Web www.philips.com/support e selezionare il proprio Paese, se necessario.

Sicurezza e protezione

14.1

Sicurezza

Importante

Prima di utilizzare il TV, leggere attentamente tutte le istruzioni di sicurezza. La garanzia non è valida in caso di danni causati da un utilizzo del TV non conforme alle istruzioni.

Non modificare questa apparecchiatura senza l'autorizzazione del produttore.

Rischio di scosse elettriche o di incendio

- Non esporre il TV a pioggia o acqua. Non posizionare oggetti contenenti liquidi, come i vasi, vicino al TV.
- Nel caso di versamento di liquidi sul o nel TV, staccare immediatamente la presa di corrente.
- Per un controllo del TV prima dell'uso, contattare il centro di assistenza clienti TV Philips.
- Non esporre il TV, il telecomando o le batterie a calore eccessivo. Non collocarli vicino a candele accese, fiamme vive o altre fonti di calore, inclusa la luce diretta del sole.
- Non inserire oggetti nelle fessure di ventilazione o in altre aperture del TV.
- Non collocare oggetti pesanti sul cavo di alimentazione.
- Evitare di esercitare eccessiva pressione sulle spine di alimentazione. Le spine di alimentazione non inserite correttamente possono causare archi elettrici o incendi. Il cavo di alimentazione non deve essere teso quando si gira lo schermo TV.
- Per scollegare il TV dall'alimentazione, staccare la spina del TV. Estrarre sempre il cavo di alimentazione afferrando la spina e non il cavo. Assicurarsi che la spina di alimentazione, il cavo e la presa elettrica siano sempre accessibili.

Rischio di lesioni personali o danni al TV

- Per sollevare e trasportare un TV che pesa più di 25 kg, sono necessarie due persone.
- Se si desidera montare il TV su un supporto, utilizzare solo il supporto fornito. Fissare con cura il supporto al TV.
- Collocare il TV su una superficie piana e liscia in grado di sostenere il peso del TV e del supporto.
- Se il TV viene montato su una parete, assicurarsi che il supporto a parete sia in grado di sostenere il peso.
- TP Vision non si assume alcun tipo di responsabilità per un montaggio errato o che provochi ferite, lesioni personali o danni.
- Alcune parti di questo prodotto sono di vetro. Maneggiare con cura per evitare ferite o danni.

Rischio di danni al TV

Prima di collegare il TV alla presa elettrica, assicurarsi che la tensione corrisponda al valore riportato sul retro del TV. Non collegare mai il TV alla presa elettrica se la tensione è diversa.

Rischi per la stabilità

Una televisione può cadere, causando gravi lesioni personali o morte. Molte lesioni, in particolare ai bambini, possono essere evitate adottando semplici precauzioni, come:

- Assicurarsi SEMPRE che il TV non sporga dal bordo del mobile di supporto.
- Utilizzare SEMPRE armadietti, supporti o metodi di montaggio raccomandati dal produttore della televisione.
- Utilizzare SEMPRE mobili in grado di sostenere in sicurezza la televisione.
- Istruire SEMPRE i bambini sui pericoli dell'arrampicarsi sul mobile per raggiungere la televisione o i suoi comandi.
- Instradare SEMPRE i cavi collegati alla televisione in modo che non possano essere tirati, afferrati o che non ci si possa inciampare.
- NON posizionare mai una televisione in un luogo instabile.
- Non posizionare MAI la televisione su mobili alti (ad esempio, armadi o librerie) senza fissare sia il mobile sia la televisione a un supporto adeguato.
- Non posizionare MAI la televisione su un panno o su altri materiali che possono essere collocati tra la televisione e i mobili di supporto.
- Non posizionare MAI oggetti, come giocattoli e telecomandi, che possano indurre i bambini ad arrampicarsi sulla parte superiore della televisione o dei mobili su cui questa è collocata.

Se la televisione esistente viene conservata e trasferita, si devono applicare le stesse considerazioni

di cui sopra.

Rischi legati alle batterie

- Non ingerire la batteria. Pericolo di ustioni.
- Il telecomando potrebbe contenere una batteria a bottone. Se la batteria a bottone viene ingoiata, può causare gravi ustioni interne in sole 2 ore e portare alla morte.
- Tenere le batterie, nuove e usate, lontano dalla portata dei bambini.
- Se il vano batterie non si chiude, interrompere l'utilizzo del prodotto e tenerlo lontano dalla portata dei bambini.
- Se le batterie vengono ingerite o inserite in qualsiasi parte del corpo, rivolgersi subito a un medico.
- La sostituzione della batteria con una di tipo errato può comportare il rischio di incendio o esplosione.
- Sostituzione di una batteria con una di tipo errato che può annullare gli effetti di un dispositivo di protezione (come nel caso, per esempio, di alcuni tipi di batterie al litio).
- Gettare una batteria nel fuoco o in un forno, comprimerla meccanicamente o tagliarla può comportare il rischio di esplosione.
- Lasciare una batteria in ambienti con temperature estremamente elevate può comportare l'esplosione della stessa o la perdita di liquidi o gas infiammabili.
- Una batteria soggetta a pressione atmosferica estremamente bassa può esplodere o perdere liquidi o gas infiammabili.

Rischio di surriscaldamento

Non installare il TV in uno spazio ristretto. Lasciare uno spazio di almeno 10 cm intorno al TV per consentirne la ventilazione. Assicurarsi che le prese d'aria del TV non siano coperte da tende o altri oggetti.

Temporali

Scollegare il TV dalla presa e dall'antenna quando si avvicina un temporale. Durante il temporale, non toccare le parti del TV, il cavo di alimentazione o dell'antenna.

Rischio di danni all'udito

Non utilizzare le cuffie a un volume elevato o per intervalli di tempo prolungati.

Basse temperature

Se il TV viene trasportato a temperature inferiori a 5 °C, estrarlo dalla confezione e attendere che raggiunga la temperatura ambiente prima di collegarlo alla presa elettrica.

Umidità

In rare occasioni, a seconda dell'umidità e della temperatura, si può creare una piccola quantità di condensa all'interno della parte anteriore del TV in vetro. Per evitare una situazione di questo tipo, non esporre il TV alla luce diretta del sole, a calore o umidità elevata. L'eventuale condensa scompare spontaneamente dopo alcune ore di funzionamento.

La condensa non provoca alcun danno né causa malfunzionamenti del TV.

14.2

Protezione dello schermo

- Non toccare, spingere, strofinare o colpire lo schermo con oggetti di qualsiasi tipo.
- Prima di pulire lo schermo, scollegare il TV.
- Pulire delicatamente il TV e la struttura con un panno morbido e umido. Non usare sostanze come alcol, prodotti chimici o detersivi sul TV.
- Per evitare deformazioni e scolorimenti, asciugare tempestivamente eventuali gocce d'acqua.
- Evitare di visualizzare immagini fisse per molto tempo, poiché possono creare una persistenza e rimanere visibili anche quando si guarda un'altra immagine. Le immagini fisse includono menu a video, bande nere, visualizzazioni dell'orario e così via. Se è necessario utilizzare immagini fisse, ridurre il contrasto e la luminosità per evitare danni allo schermo.

14.3

Dichiarazione di esposizione alle radiazioni (solo per Wi-Fi integrato)

Questo apparecchio è conforme ai limiti di esposizione alle radiazioni stabiliti dalle norme CE per

gli ambienti non controllati. Questo apparecchio deve essere installato e utilizzato a una distanza minima di 20 cm tra il radiatore e il corpo.

La frequenza, la modalità e la potenza massima trasmessa nell'UE sono elencate di seguito:

- 2400 - 2483,5 MHz: < 20 dBm (EIRP) solo per prodotto 2,4G.
- 5150 - 5250 MHz: < 23 dBm (EIRP)
- 5250 - 5350 MHz: < 23 dBm (EIRP)
- 5470 - 5725 MHz: < 27 dBm (EIRP)
- 5725 - 5825 MHz: < 13,98 dBm (EIRP)

Termini di utilizzo

15.1

Termini di utilizzo – Televisore

2020 © TP Vision Europe B.V. Tutti i diritti riservati.

Questo prodotto è stato immesso sul mercato da TP Vision Europe B.V. o da una delle relative società affiliate, denominate d'ora in poi come TP Vision, il produttore del prodotto. TP Vision è il garante del TV cui è allegata la presente documentazione. Philips e il logo Philips sono marchi registrati di Koninklijke Philips N.V.

Le specifiche sono soggette a modifica senza preavviso. I marchi sono di proprietà di Koninklijke Philips N.V o dei rispettivi proprietari. TP Vision si riserva il diritto di modificare i prodotti in qualsiasi momento, senza l'obbligo di adattare di conseguenza le scorte precedenti.

La documentazione scritta allegata al televisore e il manuale disponibile nella memoria del televisore o scaricato dal sito Web

Philips www.philips.com/support sono da ritenersi adeguati per l'utilizzo previsto del sistema.

Le informazioni contenute nel presente manuale sono da ritenersi adeguate per l'utilizzo consentito del sistema. Se il prodotto, o singoli moduli o procedure, vengono utilizzati per scopi diversi da quelli specificati in questo manuale, è necessario richiedere conferma della validità e adeguatezza delle informazioni qui riportate. TP Vision garantisce che il materiale stesso non viola alcun brevetto statunitense. Non sono previste ulteriori garanzie, espresse o implicite. TP Vision non può essere ritenuta responsabile di eventuali errori nel contenuto del presente documento, né di possibili problemi derivanti da tale contenuto. Gli errori segnalati a Philips verranno corretti e pubblicati sul sito Web di assistenza Philips il prima possibile.

Condizioni della garanzia: rischio di lesioni, danni al televisore o annullamento di garanzia!

Non tentare mai di riparare il televisore da soli.

Utilizzare esclusivamente il TV e gli accessori consigliati dal produttore. Il simbolo di attenzione posto sul retro del TV indica il rischio di scosse elettriche. Non rimuovere mai la copertura del TV. Contattare sempre l'Assistenza Clienti Philips per manutenzione o riparazione. Il numero di telefono è riportato nella documentazione cartacea in dotazione con il TV. In alternativa, consultare il nostro sito Web www.philips.com/support e selezionare il proprio Paese, se necessario. Eventuali operazioni espressamente vietate in questo manuale e

procedure di regolazione o montaggio non consigliate o autorizzate nel presente manuale invalidano la garanzia.

Caratteristiche dei pixel

Questo prodotto LCD/LED è costituito da un numero elevato di pixel a colori. Sebbene sia dotato di una percentuale di pixel attivi al 99,999% (o in quantità superiore), sullo schermo possono comparire costantemente punti neri o più chiari di luce (di colore rosso, verde o blu). Si tratta di una funzione strutturale del display (entro determinati standard comuni di settore) e non di un malfunzionamento.

Conformità CE

Con la presente, TP Vision Europe B.V. dichiara che questo televisore è conforme ai requisiti essenziali e ad altre disposizioni correlate delle Direttive 2014/53/UE RED), 2009/125/CE (Eco Design) e 2011/65/CE (RoHS).

Conformemente a EMF

TP Vision Europe B.V. produce e commercializza numerosi prodotti per il mercato consumer che, come tutti gli apparecchi elettronici, possono emettere e ricevere segnali elettromagnetici. Uno dei più importanti principi aziendali applicati da TP Vision prevede l'adozione di tutte le misure sanitarie e di sicurezza volte a rendere i propri prodotti conformi a tutte le regolamentazioni e a tutti gli standard EMF (Electro Magnetic Field) applicabili alla data di produzione dell'apparecchio.

In base a tale principio, TP Vision sviluppa, produce e commercializza prodotti che non hanno effetti negativi sulla salute. TP Vision conferma che i propri prodotti, se utilizzati nelle modalità previste, sono da ritenersi sicuri in base ai dati scientifici attualmente disponibili. TP Vision collabora attivamente all'elaborazione degli standard internazionali EMF e di sicurezza ed è in grado di anticipare evoluzioni future degli stessi e di implementarle nei propri prodotti.

Copyright

HDMI

HDMI

I termini HDMI e HDMI High-Definition Multimedia Interface e il logo HDMI sono marchi o marchi registrati di HDMI Licensing Administrator, Inc. negli Stati Uniti e in altri Paesi.



Dolby Audio

Realizzato su licenza di Dolby Laboratories. Dolby, Dolby Audio e il simbolo con la doppia D sono marchi di Dolby Laboratories. Opere inedite riservate. Copyright 1992-2020 Dolby Laboratories. Tutti i diritti riservati.



DTS-HD Premium Sound™

DTS-HD Premium Sound™

Per i brevetti DTS, visitare il sito <http://patents.dts.com>. Realizzato su licenza di DTS Licensing Limited. DTS, il simbolo, DTS e il simbolo insieme, DTS-HD e il logo DTS-HD sono marchi e/o marchi registrati di DTS, Inc. negli Stati Uniti e/o in altri paesi. © DTS, Inc. Tutti i diritti riservati.



Wi-Fi Alliance

Wi-Fi

Il logo Wi-Fi CERTIFIED™ è un marchio registrato di Wi-Fi Alliance®



Kensington

Kensington

(se applicabile)

Kensington e MicroSaver sono marchi registrati di ACCO World Corporation, la cui registrazione è stata accettata negli Stati Uniti e richiesta in altri Paesi del mondo.



Altri marchi

Tutti gli altri marchi registrati e non registrati sono di proprietà dei rispettivi detentori.

Declinazione di responsabilità in relazione a servizi e/o software offerti da terzi

I servizi e/o software offerti da terzi possono essere modificati, sospesi o terminati senza preavviso. TP Vision non si assume alcuna responsabilità in tali casi.

Indice

A

Accensione 8
Accesso universale 30
Assistenza clienti 187
Assistenza online 187
Assistenza, online 187

B

Blocco contenuti 30

C

CAM, Conditional Access Module 13
Canale 33
Canale, Installazione 35
Canale, Installazione via antenna 35
Canale, opzioni 34
Canale, passaggio a altro canale 33
Canale, Reinstallazione 35
Cavo di alimentazione 4
Chiave elettronica 30
CI+ 13
Colore, Gamma di colori 28
Computer, collegamento 16
Console di gioco, collegamento 15
Consumo energetico, controllo 29
Contatta Philips 187
Contrasto, Contrasto dinamico 28
Contrasto, modalità di contrasto 28

D

Distanza ottimale 4

E

Elenco canali 33
Elenco canali, apertura 33
Elenco canali, informazioni 33

F

File multimediali, da un'unità USB 17
Foto, video e musica 17

G

Guida connettività 12

H

Home 22

I

Immagine, formato immagine 29
Impostazioni Android 33
Impostazioni Eco 29
Installazione di rete 31
Ipodenti 30
Ipovedenti 30
Istruzioni di sicurezza 188

L

Lettore dischi Blu-ray, collegamento 15
Lingua audio 34
Lingua audio, principale 34
Lingua audio, secondaria 34
Lingua sottotitoli 34
Lingua sottotitoli, principale 34
Lingua sottotitoli, secondaria 34

M

Memoria Internet, cancellazione 32

N

Nitidezza, Riduzione artefatti MPEG 28
Nome rete TV 32

O

Opzioni su un canale 34

P

Posizione TV 4
Problemi, canali 185
Problemi, collegamento HDMI 186
Problemi, collegamento USB 186
Problemi, connessione, Internet 187
Problemi, connessione, Wi-Fi 187
Problemi, immagine 185
Problemi, suono 186
Problemi, telecomando 185
Protezione dello schermo 189

R

Rete cablata 32
Rete wireless 31
Rete, connessione 31
Rete, impostazioni 32
Rete, WPS con codice PIN 31
Riduzione artefatti MPEG 28
Riparazione 187
Risoluzione dei problemi 185

S

Scheda prodotto 9
Slot per interfaccia standard CI 13
Smaltimento dei materiali 9
Smaltimento del televisore o delle batterie 9
Smart Card, CAM 13
Software open source 38
Software, Aggiornamento 37
Sottotitolo 34
Standby 8
Stazioni radio 33
Stile immagine 27
Suono, stili 29
Supporti 17

T

Termini di utilizzo 191

V

Visione dei programmi TV 33

W

Wi-Fi 31



Contact information

Albania/Shqipërisë
+355 44806061

Andorra
+34 915 909 335

Armenia
0-800-01-004

Austria/Österreich
0150 2842133

Belarus/Беларусь
8 10 800 2000 00 04

Belgium/België/Belgique
02 7007360

Bulgaria/България
0 0800 1154426
+359 2 4916273

Croatia/Hrvatska
0800 222 782

Czech Republic/Česká republika
800 142100

Denmark/Danmark
352 587 61

Estonia/Eesti Vabariik
800 0044 307

Finland/Suomi
09 229 019 08

France
01 57324070

Georgia/ საქართველო
800 00 00 80

Germany
0696 640 4383

Greece/Ελλάδα
0 0800 4414 4670

Greece Cyprus
800 92 256

Hungary/Magyarország
068 001 85 44
(06 1) 700 8151

Republic of Ireland/Poblacht na hÉireann
1 601 1161

Northern Ireland/Tuaisceart Éireann
1 601 1161

Italy/Italia
02 4528 7030

Kazakhstan/Қазақстан
8 10 800 2000 0004

Kosovo/Kosovës
+355 44806061

Latvia/Latvija
800 03 448

Lithuania/Lietuva
880 030 049

Luxembourg/Luxemburg
26 84 3000

Montenegro
+ 382 20 240 644

Netherlands/Nederlands
010 4289533

Norway/Norge
22 70 82 50

Poland/Polska
022 203 0327

Portugal
0800 780 902

Romania/România
03 727 66905
031 6300042

Russia/Россия
8 (800) 220 0004

Serbia/Srbija
+ 381 11 40 30 100

Slovakia/Slovensko
0800 0045 51

Slovenia
0800 80 255

Spain/España
915 909 335

Sweden/Sverige
08 6320 016

Switzerland/Schweiz/Suisse
223 102 116

Turkey/Türkiye
0 850 222 44 66

Ukraine/Україна
0 800 500 480

United Kingdom
020 7949 0069

This information is correct at the time of print. For updated information, see www.philips.com/support.



Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V. or their respective owners.
2020 © TP Vision Europe B.V. All rights reserved.
www.philips.com

