

Dell Wyse ThinOS 9.1.6108

Third Party Licenses



Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Third Party Licenses

The table provides the details about third party licenses for Wyse ThinOS 9.1.6108

Table 1. License details

Component name	License type
gst-plugins-bad 1.16.3	LGPL 2.0
file-type 17.1.1	MIT
wayland-protocols 1.17	MIT
linux-4.19.131/drivers/net/wireless/ath 4.19.131	3-clause BSD license
iwlwifi-7265D-27.ucode 27	3-clause BSD license
iwlwifi-7265D-29.ucode 29	3-clause BSD license
linux-firmware- 20201218/ath10k/QCA6174/hw3.0 3.0	3-clause BSD license
linux-firmware- 20201218/ath10k/QCA9377/hw1.0 1.0	3-clause BSD license
agent-base 6.0.2	MIT
degenerator 3.0.1	MIT
http-proxy-agent 4.0.1	MIT
https-proxy-agent 5.0.0	MIT
boost 1.74.0	Boost Software License v- 1.0
openct 0.6.20	LGPL v2.1
libasyncns 0.8	LGPL v2.1
wpa_supplicant 2.10	3-clause BSD license
argparse 1.2.1	Python License
@tootallnate/once 1.1.2	MIT
@types/debug 4.1.7	MIT
utf-8-validate 5.0.7	MIT
@types/chai 4.3.0	MIT
adblockparser 0.7	MIT
PolymerElements-iron-ajax 2.0.5	3-clause BSD license
PolymerElements / paper-listbox 2.0.0	3-clause BSD license
PolymerElements / paper-material 1.0.0	3-clause BSD license
PolymerElements / paper-material 1.0.5	3-clause BSD license
iron-resizable-behavior 1.0.5	3-clause BSD license
googlearchive / paper-menu 1.0.0	3-clause BSD license
PolymerElements / paper-menu- button 1.3.0	3-clause BSD license
polymerelements-iron-autogrow-textarea 2.1.1	3-clause BSD license
PolymerElements / paper-progress 1.0.0	3-clause BSD license

Table 1. License details (continued)

Component name	License type
PolymerElements / paper-progress 2.0.1	3-clause BSD license
PolymerElements / paper-progress 1.0.0	3-clause BSD license
iron-resizable-behavior 1.0.0	3-clause BSD license
asn1 0.2.6	MIT
inotify_simple 1.1.1	2-clause BSD license
PolymerElements / paper-radio- button 1.0.0	3-clause BSD license
PolymerElements / paper-radio- button 2.0.0	3-clause BSD license
PolymerElements / paper-radio- button 1.0.0	3-clause BSD license
polymerelements-iron-behaviors 1.0.17	3-clause BSD license
PolymerElements / paper-radio- group 1.0.0	3-clause BSD license
polymerelements-iron-behaviors 1.0.18	3-clause BSD license
iron-scroll-threshold 2.0.0	3-clause BSD license
PolymerElements / paper-radio- group 2.1.0	3-clause BSD license
PolymerElements / paper-slider 2.0.2	3-clause BSD license
polymerelements-iron-collapse 1.3.0	3-clause BSD license
PolymerElements / paper-spinner 1.0.0	3-clause BSD license
PolymerElements / paper-spinner 2.0.0	3-clause BSD license
iron-selector 1.0.0	3-clause BSD license
PolymerElements / paper-styles 1.3.1	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-flex-layout 1.0.0	3-clause BSD license
iron-selector 2.0.1	3-clause BSD license
iron-form 2.0.0	3-clause BSD license
iron-icon 1.0.0	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
polymerelements-iron-collapse 2.1.0	3-clause BSD license
iron-iconset-svg 1.0.0	3-clause BSD license
iron-image 1.2.0	3-clause BSD license
iron-test-helpers 2.0.0	3-clause BSD license
iron-jsonp-library 1.0.0	3-clause BSD license
iron-list 1.4.6	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-media-query 2.0.0	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-menu-behavior 2.0.1	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
PolymerElements / paper-styles 1.1.4	3-clause BSD license

Table 1. License details (continued)

Component name	License type
iron-meta 1.1.2	3-clause BSD license
PolymerElements / paper-styles 1.1.4	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-overlay-behavior 1.0.0	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-pages 1.0.8	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
iron-a11y-announcer 1.0.5	3-clause BSD license
iron-a11y-keys 1.0.7	3-clause BSD license
iron-a11y-keys-behavior 1.1.9	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
polymerelements-iron-dropdown 1.5.6	3-clause BSD license
PolymerElements / paper-styles 1.0.0	3-clause BSD license
polymerelements-iron-dropdown 2.1.0	3-clause BSD license
iron-autogrow-textarea 2.1.1	3-clause BSD license
iron-behaviors 1.0.17	3-clause BSD license
iron-dropdown 2.1.0	3-clause BSD license
iron-fit-behavior 2.1.0	3-clause BSD license
polymerelements-iron-fit-behavior 1.2.7	3-clause BSD license
polymerelements-iron-fit-behavior 2.1.0	3-clause BSD license
polymerelements-iron-flex-layout 1.3.1	3-clause BSD license
polymerelements-iron-flex-layout 1.3.7	3-clause BSD license
polymerelements-iron-form 2.0.1	3-clause BSD license
mock 2.0.0 2.0.0	2-clause BSD license
enum34 1.1.6	3-clause BSD license
mod_pywebsocket 0.7.9 0.7.9	3-clause BSD license
fp 9f5c14a385bb08a77922e3982	MITL
mootools-more-yui-compressed 6bf24b86134a1d0702a57c49	MIT
funcsigs 1.0.2	Apache License, Version 2.0
future 0.15.2	MIT
futures 3.0.5	2-clause BSD license
grpc-google-logging-v2 0.8.1	Apache License, Version 2.0
gax-google-logging-v2 0.8.1	Apache License, Version 2.0
gax-google-pubsub-v1 0.8.1	Apache License, Version 2.0
gitdb2 2.0.0	3-clause BSD license
google-api-python-client 1.5.0	Apache License, Version 2.0
google-api-python-client 2.34.0	Apache License, Version 2.0

Table 1. License details (continued)

Component name	License type
google-gax 0.12.5	3-clause BSD license
googleapis-common-protos 1.3.3	Apache License, Version 2.0
GoogleAppEngineCloudStorageClient 1.9.22.1	Apache License, Version 2.0
GoogleWebComponents/google-apis 2.0.0	Apache License, Version 2.0
graceful-fs 4.2.9	ISC
grpc-google-pubsub-v1 0.8.1	Apache License, Version 2.0
httplib2 0.10.3	MIT
httplib2 0.9.2	MIT
PolymerElements / paper-tabs 1.0.0	3-clause BSD license
PolymerElements / paper-toast 1.0.0	3-clause BSD license
PolymerElements / paper-tooltip 1.0.0	3-clause BSD license
PolymerElements / paper-toggle- button 2.0.0	3-clause BSD license
PolymerElements / paper-tooltip 2.0.0	3-clause BSD license
openstack / pbr 1.10.0	Apache License, Version 2.0
polymerelements-iron-icon 1.0.10	3-clause BSD license
polymerelements-iron-icon 1.0.13	3-clause BSD license
polymerelements-iron-icons 1.2.1	3-clause BSD license
paramiko / paramiko 2.9.1	LGPL v2.1
polymerelements-iron-icons 2.0.1	3-clause BSD license
mallikarjunece / pep8 1.4.5	MIT
polymerelements-iron-iconset-svg 1.1.2	3-clause BSD license
polymerelements-iron-iconset-svg 2.1.1	3-clause BSD license
polymerelements-iron-image 1.2.3	3-clause BSD license
polymerelements-iron-input 1.0.10	3-clause BSD license
polymerelements-iron-input 1.0.11	3-clause BSD license
ply 3.8	3-clause BSD license
polymerelements-iron-jsonp-library 2.0.0	3-clause BSD license
PolymerElements-paper-progress 2.0.1	3-clause BSD license
polymerelements-iron-a11y-announcer 1.0.5	3-clause BSD license
polymerelements-iron-a11y-announcer 1.0.6	3-clause BSD license
polymerelements-iron-list 1.4.6	3-clause BSD license
PolymerElements-paper-radio-button 1.4.0	3-clause BSD license
tweetnacl-util-js v0.15.1 v0.15.1	public domain
polymerelements-iron-location 0.8.11	3-clause BSD license
PolymerElements / iron-a11y-keys 1.0.7	3-clause BSD license
PolymerElements-paper-radio-button 2.0.0	3-clause BSD license
polymerelements-iron-location 2.0.3	3-clause BSD license

Table 1. License details (continued)

Component name	License type
polymerelements-iron-a11y-keys-behavior 1.1.9	3-clause BSD license
polymerelements-iron-media-query 2.0.0	3-clause BSD license
polymerelements-iron-menu-behavior 1.3.1	3-clause BSD license
PolymerElements-paper-radio-group 2.1.0	3-clause BSD license
PolymerElements-paper-slider 2.0.2	3-clause BSD license
PolymerElements-paper-spinner 1.2.1	3-clause BSD license
PolymerElements-paper-spinner 2.0.0	3-clause BSD license
PolymerElements-paper-styles 1.3.1	3-clause BSD license
PolymerElements-paper-tabs 1.8.0	3-clause BSD license
PolymerElements-paper-tabs 2.0.0	3-clause BSD license
PolymerElements-paper-toast 1.3.1	3-clause BSD license
PolymerElements-paper-toggle-button 2.0.0	3-clause BSD license
PolymerElements-paper-tooltip 1.1.4	3-clause BSD license
PolymerElements-paper-tooltip 2.0.0	3-clause BSD license
pyelftools 0.22	Public Domain
pylint 2.12.2	GPL v2
resolve 1.21.0	MIT
setuptools 60.3.1	MIT
shelljs 0.8.5	3-clause BSD license
polymerelements-iron-menu-behavior 2.0.1	3-clause BSD license
nunit 3.6.1 3.6.1	MIT
polymerelements-iron-meta 1.1.2	3-clause BSD license
sphinx 4.3.2	MIT
polymerelements-iron-meta 1.1.3	3-clause BSD license
polymerelements-iron-overlay-behavior 1.10.4	3-clause BSD license
toji-gl-matrix 2.3.1	MIT
polymerelements-iron-overlay-behavior 2.3.2	3-clause BSD license
tox 3.24.5	MIT
polymerelements-iron-pages 1.0.9	3-clause BSD license
polymerelements-iron-pages 2.0.1	3-clause BSD license
twgl-full.min.js 8f77a9ad8d32fc912db9b29bb	MIT
nunitlite 3.6.1 3.6.1	MIT
polymerelements-iron-resizable-behavior 1.0.5	3-clause BSD license
polymerelements-iron-resizable-behavior 2.0.1	3-clause BSD license
polymerelements-iron-resizable-behavior 1.0.6	3-clause BSD license
typ 0.11.0	Apache License, Version 2.0
unittest2py3k 0.5.1	BSD

Table 1. License details (continued)

Component name	License type
polymerelements-iron-selector 1.5.3	3-clause BSD license
web-animations- js 99beee40e2efb100d4f950db6	Apache License, Version 2.0
webpack.config.min.js c7f91092d1b7333ed6ff8d54b	MIT
polymerelements-iron-selector 2.0.1	3-clause BSD license
websocket-client 0.41.0	LGPL v3
polymerelements-iron-test-helpers 2.0.0	3-clause BSD license
zloirock-core-js 2.4.1	MIT
polymerelements-neon-animation 1.2.5	3-clause BSD license
polymerelements-neon-animation 2.1.0	3-clause BSD license
unittest2 1.1.0	2-clause BSD license
polymerelements-paper-behaviors 1.0.12	3-clause BSD license
sqlalchemy 1.0.15	MIT
polymerelements-paper-behaviors 1.0.13	3-clause BSD license
pyOpenSSL 21.0.0	Apache License, Version 2.0
paper-checkbox 1.0.0 1.0.0	3-clause BSD license
polymerelements-paper-button 2.0.0	3-clause BSD license
perf f286466585fed4ae96930ec7b	3-clause BSD license
paper-checkbox 2.0.2 2.0.2	3-clause BSD license
polymerelements-paper-card 1.1.1	3-clause BSD license
polymerelements-paper-checkbox 1.4.2	3-clause BSD license
paper-dialog 1.0.0 1.0.0	3-clause BSD license
polymerelements-paper-checkbox 2.0.2	3-clause BSD license
polymerelements-paper-dialog-behavior 1.2.9	3-clause BSD license
paper-dialog-behavior 1.0.0 1.0.0	3-clause BSD license
PolymerElements-paper-styles 3.0.1	3-clause BSD license
polymerelements-paper-dialog 1.1.0	3-clause BSD license
PolymerElements-paper-listbox 1.1.2	3-clause BSD license
paper-dropdown-menu 1.0.0 1.0.0	3-clause BSD license
polymerelements-paper-dropdown- menu 1.5.1	3-clause BSD license
PolymerElements-paper-item 1.0.0	3-clause BSD license
polymerelements-paper-fab 1.2.2	3-clause BSD license
PolymerElements-paper-item 2.0.0	3-clause BSD license
polymerelements-paper-fab 2.0.0	3-clause BSD license
paper-fab 1.0.0 1.0.0	3-clause BSD license
PolymerElements-paper-input 2.1.0	3-clause BSD license
polymerelements-paper-icon-button 1.1.6	3-clause BSD license
PolymerElements-paper-input 1.0.0	3-clause BSD license

Table 1. License details (continued)

Component name	License type
polymerelements-paper-input 1.1.24	3-clause BSD license
paper-fab 3.0.1 3.0.1	3-clause BSD license
PolymerElements-paper-input 1.0.9	3-clause BSD license
polymerelements-paper-item 1.2.2	3-clause BSD license
polymerelements-paper-listbox 1.1.3	3-clause BSD license
polymerelements-paper-listbox 2.0.0	3-clause BSD license
PolymerElements-paper-icon-button 1.0.0	3-clause BSD license
PolymerElements-paper-icon-button 2.0.0	3-clause BSD license
polymerelements-paper-material 1.0.7	3-clause BSD license
paper-fab 2.0.0 2.0.0	3-clause BSD license
polymerelements-paper-menu 1.3.0	3-clause BSD license
polymerelements-iron-autogrow-textarea 1.0.15	3-clause BSD license
PolymerElements-paper-menu-button 1.5.2	3-clause BSD license
PolymerElements-paper-progress 1.0.12	3-clause BSD license
node_modules/escope 2.0.0- dev	2-clause BSD license
atkbdc 11.1	FreeBSD
netlink 0.0.1	BSD-2-Clause
inotify 0.0.1	MIT
VisualUEFI - https://github.com/ionescu007/VisualUefi	BSD, GPLv2 in the debugger
pulseaudio: module-device-restore.so, module-stream-restore.so 1.1	LGPL- v2.1
zlib 1.2.11	Zlib License
element-ui 2.7.2	MIT
@panter/vue-i18next 0.15.1	MIT
i18next 11.10.2	MIT
jquery 3.4.1	MIT
stream-browserify 2.0.2	MIT
vue 2.6.10	MIT
vue-date-pick 1.1.0	MIT
vue-router 3.0.5	MIT
vuex 3.1.0	MIT
mqtt 2.18.8	MIT
url 0.11.0	MIT
winston 3.2.1	MIT
winston-daily-rotate-file 3.9.0	MIT
multi-ini 2.0.4	MIT
node-uuid 1.4.8	MIT
set-cookie-parser 2.3.5	MIT

Table 1. License details (continued)

Component name	License type
uuid 3.3.2	MIT
xml2js-xpath 0.9.0	Apache License, Version 2.0
xml2js 0.4.19	MIT
fake-indexeddb 2.0.6	Apache License, Version 2.0
ncups 0.7.7	MIT
node-forge 0.7.6	MIT
node-lp 1.0.2	MIT
spawn-sync 2.0.0	MIT
xorg-server 1.20.5	MIT
libgcc 8.2	LGPL v2.1
gcc-runtime 8.2	LGPL v2.1
adwaita-icon-theme 3.28.0	LGPL- v3.0
at-spi2-atk 2.26.2	LGPLv2
at-spi2-core 2.28.0	LGPLv2
atk 2.28.1	LGPLv2
avahi 0.7	LGPLv2.1
bzip2 1.0.8	bzip2 license
cairo 1.16.0	LGPLv2.1
ccid 1.4.24	LGPLv2.1
cups 2.2.10	LGPLv2
curl 7.61.0	MIT
dash 0.5.9.1	BSD
dbus 1.13.12	GPLv2
dbus-glib 0.110	GPLv2
elfutils 0.177	GPLv3
expat 2.2.9	MIT
flac 1.3.3	BSD
fluent-bit 1.0.4	Apache- 2.0
fontconfig 2.12.6	MIT
freetype 2.10.1	GPLv2
fribidi 1.0.7	LGPLv2.1
gdk-pixbuf 2.36.11	LGPLv2
glib 2.58.0	LGPLv2
glib-networking 2.54.1	LPGL
glibc-locale 2.28	LGPLv2.1
glibc 2.28	GPLv2 LGPLv2.1
gmp 6.1.2	LGPLv3

Table 1. License details (continued)

Component name	License type
gnome-themes-standard 3.22.3	LGPL- 2.1
gnutls 3.6.10	LGPLv2.1
gstreamer 1.14.4	LGPLv2
gstreamer1.0-plugins-base 1.14.4	LGPLv2
gst-plugins-good 1.14.4	LGPLv2
gtk+ 2.24.32	LGPLv2
gtk+ 3.22.30	LGPLv2
harfbuzz 1.8.8	MIT
intel-vaapi-driver 2.2.0	MIT
json-glib 1.4.2	LGPLv2.1
krb5 1.16.1	MIT
lame 3.100	LGPLv2
libcap 2.25	BSD
libdrm 2.4.94	MIT
libepoxy 1.5.3	MIT
liberation-fonts-ttf 2.00.1	SIL Open Font License Version 1.1.
libevdev 1.5.9	MIT
libffi 3.2.1	MIT
libgcrypt 1.8.5	LGPLv2.1
libgnome-keyring 3.12.0	LGPLv2.1
libgpg-error 1.32	LGPLv2.1
libgudev 232	LGPLv2.1
libICE 1.0.9	MIT
libidn2 2.0.5	LGPLv3
libjpeg-turbo 2.0.0	3-clause BSD License Zlib license
libjpeg-turbo8 2.0.0	BSD Clause- 3
libnl 3.4.0	LGPLv2.1
Linux-PAM 1.3.0	BSD Clause- 3
libsndfile 1.0.28- 4	LGPLv2.1
libva 2.4.0	MIT
libvdpau 1.1.1	MIT
libvorbis 1.3.5	BSD Clause- 3
libX11 1.6.6	BSD MIT
libXau 1.0.8	MIT
libxcb 1.13	MIT
libXcomposite 0.4.4	MIT
libxcrypt v4.1.1	LGPLv2.1

Table 1. License details (continued)

Component name	License type
libXcursor 1.1.15	MIT
libXdamage 1.1.4	MIT
libXdmcpr 1.1.2	MIT
libXext 1.3.3	MIT
libXfont2 2.0.3	MIT BSD
libXft 2.3.2	MIT
libxkbcommon 0.8.2	MIT
libxkbfile 1.0.9	MIT
libXrandr 1.5.1	MIT
libXrender 0.9.10	MIT
libXScrnSaver 1.2.3	MIT
libxshmfence 1.3	MIT
libXtst 1.2.3	MIT
libXv 1.0.11	MIT
libXxf86vm 1.1.4	MIT
mesa 18.1.9	MIT
mpg123 1.25.10	LGPLv2.1
nspr 4.19	Mozilla Public License Version 2.0
openssl 1.1.1a	OpenSSL
pango 1.42.4	LGPLv2
pulseaudio 12.2	LGPLv2 BSD
attr 2.4.47	LGPLv2
curl 7.66.0	MIT
libcroco 0.6.13	LGPLv2.1
libfontenc 1.1.3	MIT
libnotify 0.7.7	LGPLv2.1
libogg 1.3.3	3-clause BSD licence
libp11 0.4.7	LGPL
libpciaccess 0.14	MIT
pcre 8.42	3-clause BSD licence
libpng 1.6.37	Libpng LICENSE
libsvg 2.40.20	LGPLv2
libSM 1.2.2	MIT
libsoup 2.62.3	LGPLv2
libtheora 1.1.1	3-clause BSD licence
libunistring 0.9.10	LGPLv3
libusb 1.0.22	LGPLv2.1

Table 1. License details (continued)

Component name	License type
libwebp 1.0.0	BSD Clause- 3
libXaw 1.0.13	MIT
libXfixes 5.0.3	MIT
libXi 1.7.9	MIT
libXinerama 1.1.4	MIT
libxml2 2.9.8	MIT
libXmu 1.1.2	MIT
libXpm 3.5.12	MIT
gtk+2 2.24.32	LGPLv2
gtk+3 3.22.30	LGPLv2
atk 2.28.1	LGPLv2
libXt 1.1.5	MIT
libXxf86vm 1.1.4	MIT
llvm 6.0.0	MIT
mesa 18.1.9	MIT
mpg123 1.25.10	LGPLv2
mtdev 1.1.5	MIT
ncurses 6.1	MIT
nettle 3.4	LGPLv3
nss 3.39	MPL
orc 0.4.28	BSD-3-Clause
pango 1.42.4	LGPLv2.0
pcsc-lite 1.8.22	MIT
pixman 0.34.0	MIT
procps-ng 3.3.15	LGPLv2
pulseaudio 12.2	LGPLv2 BSD MIT
rgb 1.0.6	MIT
shadow 4.6	3-clause BSD licence
speex 1.2.0	3-clause BSD licence
speexdsp 1.2rc3	3-clause BSD licence
sqlite-autoconf 3230100	Public Domain
taglib 1.11.1	LGPLv2.1 MPL
Vulkan-LoaderAndValidationLayers 1.1.73	Apache 2.0 license
wayland 1.17.0	MIT
weston 5.0.0	MIT
xf86-input-libinput 0.28.0	MIT
xkbcomp 1.4.2	MIT

Table 1. License details (continued)

Component name	License type
xkeyboard-config 2.24	MIT
wpa_supplicant 2.9	BSD
atk 2.28.1	GPLv2 LGPLv2
mesa 18.1.9	MIT
pango 1.42.4	LGPLv2
abstract-socket 2.1.0	MIT
node-libs-browser 2.2.1	MIT
bindings 1.5.0	MIT
timers-browserify 2.0.10	MIT
ajv 5.5.2	MIT
fast-json-stable-stringify 2.0.0	MIT
fast-deep-equal 1.1.0	MIT
uri-js 4.2.2	2-clause BSD license
json-schema-traverse 0.3.1	MIT
asn1.js 4.10.1	MIT
bn.js 4.11.8	MIT
inherits 1.0.2	ISC
vm-browserify 1.1.0	MIT
buffer 4.9.1	MIT
minimalistic-assert 1.0.1	ISC
assert 1.5.0	MIT
safer-buffer 2.1.2	MIT
assert-plus 1.0.0	MIT
process 0.11.10	MIT
webpack 3.12.0	MIT
aws-sign2 0.7.0	Apache License, Version 2.0
crypto-browserify 3.12.0	MIT
url 0.11.0	MIT
aws4 1.8.0	MIT
querystring-es3 0.2.1	MIT
underscore 1.9.1	MIT
debug 2.6.9	MIT
request 2.88.0	Apache License, Version 2.0
bcrypt-pbkdf 1.0.2	BSD-3-Clause
browserify-aes 1.2.0	MIT
cipher-base 1.0.4	MIT
buffer-xor 1.0.3	MIT

Table 1. License details (continued)

Component name	License type
evp_bytestokey 1.0.3	MIT
browserify-cipher 1.0.1	MIT
browserify-des 1.0.2	MIT
browserify-aes 1.2.0	MIT
des.js 1.0.0	MIT
browserify-rsa 4.0.1	MIT
randombytes 2.1.0	MIT
browserify-sign 4.0.4	ISC
create-hmac 1.1.7	MIT
elliptic 6.5.0	MIT
parse-asn1 5.1.4	ISC
browserify-zlib 0.2.0	MIT
pako 1.0.10	MIT
ieee754 1.1.13	3-clause BSD licence
caseless 0.12.0	Apache License, Version 2.0
request 2.88.0	Apache License, Version 2.0
iconv-lite 0.4.24	MIT
base64-js 1.3.0	MIT
bcrypt-pbkdf 1.0.2	BSD-3-Clause
tweetnacl 0.14.5	public domain.
brorand 1.1.0	MIT
safe-buffer 5.1.2	MIT
cipher-base 1.0.4	MIT
buffer-xor 1.0.3	MIT
evp_bytestokey 1.0.3	MIT
browserify-cipher 1.0.1	MIT
browserify-des 1.0.2	MIT
randombytes 2.1.0	MIT
create-hash 1.2.0	MIT
create-hmac 1.1.7	MIT
parse-asn1 5.1.4	ISC
ieee754 1.1.13	3-Clause BSD License
builtin-status-codes 3.0.0	MIT
caseless 0.12.0	Apache License, Version 2.0
combined-stream 1.0.8	MIT
delayed-stream 1.0.0	MIT
core-util-is 1.0.2	MIT

Table 1. License details (continued)

Component name	License type
create-ecdh 4.0.3	MIT
md5.js 1.3.5	MIT
ripemd160 2.0.2	MIT
sha.js 2.4.11	MIT AND BSD-3-Clause licenses.
pbkdf2 3.0.17	MIT
diffie-hellman 5.0.3	MIT
public-encrypt 4.0.3	MIT
randomfill 1.0.4	MIT
dbus-native 0.4.0	MIT
events 3.0.0	MIT
event-stream 4.0.1	MIT
long 4.0.0	Apache License, Version 2.0
path-browserify 0.0.1	MIT
xml2js 0.4.19	MIT
put 0.0.6	MIT
ms 2.0.0	MIT
miller-rabin 4.0.1	MIT
duplexer 0.1.1	MIT
ecc-jsbn 0.1.2	MIT
jsbn 0.1.1	MIT
hash.js 1.1.7	MIT
hmac-drbg 1.0.1	MIT
minimalistic-crypto-utils 1.0.1	MIT
through 2.3.8	MIT
from 0.1.7	MIT Apache2
map-stream 0.0.7	MIT
pause-stream 0.0.11	MIT Apache 2
split 1.0.1	MIT
stream-combiner 0.2.2	MIT
extend 3.0.2	MIT
extsprintf 1.3.0	MIT
forever-agent 0.6.1	Apache License, Version 2.0
stream-http 2.8.3	MIT
https-browserify 1.0.0	MIT
form-data 2.3.3	MIT
har-validator 5.1.3	MIT
hash-base 3.0.4	MIT

Table 1. License details (continued)

Component name	License type
http-signature 1.2.0	MIT
sshpk 1.16.1	MIT
jsprim 1.4.1	MIT
is-typedarray 1.0.0	MIT
isstream 0.1.2	MIT
json-schema 0.2.3	MIT
json-stringify-safe 5.0.1	ISC
verror 1.10.0	MIT
mime-db 1.40.0	MIT
mime-types 2.1.24	MIT
oauth-sign 0.9.0	Apache License, Version 2.0
performance-now 2.1.0	MIT
process-nextick-args 2.0.1	MIT
psl 1.1.33	MIT
qs 6.5.2	3-clause BSD licence
uuid 3.3.2	MIT
tough-cookie 2.4.3	3-clause BSD licence
tunnel-agent 0.6.0	Apache License, Version 2.0
sax 1.2.4	ISC
setimmediate 1.0.5	MIT
util-deprecate 1.0.2	MIT
to-arraybuffer 1.0.1	MIT
file-uri-to-path 1.0.0	MIT
bl 1.2.2	MIT
readable-stream 1.1.14	MIT
d 1.0.1	ISC
type 1.0.1	ISC
to-arraybuffer 1.0.1	MIT
file-uri-to-path 1.0.0	MIT
bl 1.2.2	MIT
readable-stream 1.1.14	MIT
d 1.0.1	ISC
type 1.0.1	ISC
es5-ext 0.10.50	ISC
duplexify 3.7.1	MIT
end-of-stream 1.4.1	MIT
stream-shift 1.0.0	MIT

Table 1. License details (continued)

Component name	License type
once 1.3.3	ISC
es6-symbol 3.1.1	MIT
es6-iterator 2.0.3	MIT
es6-map 0.1.5	MIT
event-emitter 0.3.5	MIT
isarray 0.0.1	MIT
mqtt-packet 5.6.1	MIT
mqtt 2.18.8	MIT
reinterval 1.1.0	MIT
xtend 2.1.2	MIT
websocket-stream 5.5.0	2-clause BSD license
wrappy 1.0.2	ISC
is 3.3.0	MIT
node.extend 2.0.2	MIT
node.flow 1.2.3	MIT
rmdir 1.2.3 invalid	MIT License
xml2js-xpath 0.9.0	Apache License, Version 2.0
xmlbuilder 9.0.7	MIT
node-forge 0.8.5	BSD-3-Clause
mkdirp 0.5.1	MIT
rmdir 1.2.3 invalid	MIT License
object-assign 4.1.1	MIT
electron 3.1.11	MIT
os-browserify 0.3.0	MIT
Window system 6.0.1	MIT
Window system 1.20.5	MIT
FreeBSD OS 12.0	BSD license
Bluetooth audio system N/A	2-clause BSD license
Bluetooth audio system N/A	2-clause BSD license
TPM 2.0	BSD 3- Clause
Manjari 1.1	MIT
source-han-sans 2.001	MIT
noto-fonts v2017-10- 24	MIT
dejavu-fonts 2.37	MIT
libjpeg 6b	The Independent JPEG Group's JPEG software
libdrm 2.4.27	MIT
gpu driver drm 3.11	MIT

Table 1. License details (continued)

Component name	License type
gpu driver drm 3.6	MIT
gpu driver drm 2.6.38	MIT
math_private.h 1.3	BSD
pxe_call.S 1.3	2-clause BSD license
cJSON.h 1.0.0	MIT
cJSON v1.7.12	MIT
scardManager 0.18.0	LGPLv2.1
tpm2-tools 4	BSD Clause 3
alsa-plugins 1.1.6	LGPLv2.1
i915_pciids.h and drm_vma_manager.h 4.4	MIT
tpm2-tss 2.3.1	BSD Clause 3
openconnect 8	LGPL License
indexinfo 0.3.1	BSD Clause 3
jquery 3.3.1	MIT
jquery i18n 1.0.1	MIT
xorgproto 2018.4	MIT
util-macros 1.19.2	MIT
Electron 3.1.11	LGPLv2.1
libchromiumcontent 3.1.11	LGPLv2.1
freetype 9.0	FTL
depot_tools 3.1.11	3-clause BSD license
crashpad master	Apache License, Version 2.0
requests master	Apache License, Version 2.0
pdf_viewer master	BSD
gyp master	3-clause BSD license
breakpad master	3-clause BSD license
chromium master	3-clause BSD license
buildtools master	3-clause BSD license
SPIRV-Tools master	Apache License, Version 2.0
angle master	3-clause BSD license
bidichacker master	3-clause BSD license
breakpad(for Libchromium) master	3-clause BSD license
catapult master	3-clause BSD license
ced master	Apache License, Version 2.0
chromite master	3-clause BSD license
cld_3 master	Apache License
colorama master	3-clause BSD license

Table 1. License details (continued)

Component name	License type
ffmpeg 44f90ded0cc16a55a7be327470867abaa284c16	COPYING.GPLv2 COPYING.GPLv3 COPYING.LGPLv2.1 COPYING.LGPLv3
libdrm 2.4.85	MIT
libevdev master	MIT
libjpeg_turbo 1.4.90	3-clause BSD license
liblouis 2.6.0	GPLv3
libphonenumber master	Apache 2.0
libprotobuf-mutator 0	Apache 2.0
libsrt master	3-clause BSD license
libsync master	3-clause BSD license
libwebm master	3-clause BSD license
libyuv 1698	3-clause BSD license
lss master	3-clause BSD license
mesa 9.0.3	MIT
minigbm 0	3-clause BSD license
minizip 0	zlib License
openh264 master	3-clause BSD license
pdfium master	Apache License
perpetto master	Apache License
pyelftools 0	Public Domain
pyftplib 0.7.0	ISC
pywebsocket 0	3-clause BSD license
re2 master	3-clause BSD license
sfntly master	Apache License, Version 2.0
shaderc master	Apache License, Version 2.0
skia master	3-clause BSD license
smhasher 0	MIT, Public Domain
snappy 1.1.7.git.ca37ab7fb9b718e056009babb4fea 591626e5882	3-clause BSD license
swiftshader master	Apache License
usrctp Version: 0	3-clause BSD license
visualmetrics Version: 0	3-clause BSD license
wayland-protocols master	MIT
wayland 1.13.0	MIT
wds 1.0.0	LGPLv2.1
webdriver 5fd78261a75fe08d27ca4835fb6c5ce4b42275b d	Apache License, Version 2.0
webgl 1.0	MIT
webrtc 90	BSD 3- clause

Table 1. License details (continued)

Component name	License type
xdg-utils 1.0.2	MIT
yasm 1.3.0	GPLv2
gyp master	3-clause BSD license
page_cycler/acid3 master	Public domain
swarming_client master	Apache License
v8 master	3-clause BSD license
clang_format 0653eee0c81ea04715c635dd0885e8096ff6ba6d	Apache License, Version 2.0
libc++ 1.0	Apache License
libc++abi 1.0	Apache License
libunwind 1.0	Apache License
spirv-headers master	MIT
spirv-tools master	Apache License, Version 2.0
vulkan-validation-layers N/A	Apache License
deqp 1.0	Apache License
boto 2.49.0	MIT
kernel- modules/wireless/include/interrupt- ext.h 12.0	3-clause BSD license
kernel-modules/wireless/drivers/iwlwifi 2018	3-clause BSD license
simple-mtpfs 0.3.0	GPLv2
b64.c 0.00.00B	MIT
wpa_supplicant 2.6	3-clause BSD license
pywebsocket 0	BSD
re2 master	3-clause BSD license
sfntly master	Apache License, Version 2.0
shaderc master	Apache License, Version 2.0
skia 0.5.1	3-clause BSD license
smhasher 0	MIT, Public Domain
snappy 1.1.7	BSD
swiftshader master	Apache License
usrctp 0	BSD
visualmetrics 0	BSD
wayland 1.13.0	MIT
wds 1.0.0	MIT
webdriver 5fd78261a75fe08d27ca4835fb6c5ce4b42275b d	Apache License, Version 2.0
webgl 1.0	MIT
webrtc 90	BSD
xdg-utils 1.0.2	MIT
yasm 1.3.0	GPL

Table 1. License details (continued)

Component name	License type
gyp master	BSD
page_cycler/acid3 master	Public domain
swarming_client master	Apache License
v8 master	BSD
clang_format 0653eee0c81ea04715c635dd0885e8096ff6ba6d	Apache License, Version 2.0
libc++ 1.0	Apache License
libc++abi 1.0	Apache License
libunwind 1.0	Apache License
spirv-headers master	MIT
spirv-tools master	Apache License, Version 2.0
vulkan-validation-layers N/A	Apache License
deqp 1.0	Apache License
boto 2.49.0	MIT
kernel- modules/wireless/include/interrupt- ext.h 12.0	BSD License.
kernel-modules/wireless/drivers/iwlwifi 2018	3-clause BSD license
simple-mtpfs 0.3.0	GPL
b64.c 0.00.00B	MIT
wpa_supplicant 2.6	BSD
freebsd/sys/compat/linuxkpi/common/include/linux/interrupt.h 12.0	3-clause BSD license
gettext-runtime 0.19.8.1	GPLv3
readline 7.0	GPLv3
util-linux 2.34	GPLv2
openssl 1.1.1	the OpenSSL License and the original SSLeay license
libmtp 1.1.16	LGPL
libtasn1 4.15.0	GPLv3
font N/A	Apache License, Version 2.0
Roboto font N/A	Apache License, Version 2.0
font-awesome master	SIL Open Font License (OFL)
libvpx-dev 1.7.0	3-clause BSD license
openssl-1.0.2t 1.02t	OpenSSL License
canisters-fips-master master	OpenSSL
openembedded-core thud	MIT and GPLv2
meta-clang thud	MIT
bitbake 1.40	GPLv2
meta-openembedded thud	MIT
meta-qt4 thud	MIT

Table 1. License details (continued)

Component name	License type
SA-18:15/bootpd.patch N/a	FreeBSD License
SA-19:01/syscall.patch N/a	FreeBSD License
SA-19:02/fd.patch N/a	FreeBSD License
SA-19:05/pf.patch N/a	FreeBSD License
SA-19:06/pf.patch N/a	FreeBSD License
SA-19:08/rack.patch N/a	FreeBSD License
SA-19:09/iconv.patch N/a	FreeBSD License
SA-19:10/ufs.12.patch N/a	FreeBSD License
SA-19:11/cd_ioctl.12.patch N/a	FreeBSD License
mqueueufs.patch N/a	FreeBSD License
SA-19:16/bhyve.patch N/a	FreeBSD License
SA-19:13/pts.patch N/a	FreeBSD License
SA-19:17/fd.12.patch N/a	FreeBSD License
SA-19:19/mldv2.12.patch N/a	FreeBSD License
SA-19:21/bhyve.patch N/a	FreeBSD License
SA-19:20/bsnmp.patch N/a	FreeBSD License
SA-19:22/mbuf.patch N/a	FreeBSD License
SA-19:23/midi.patch N/a	FreeBSD License
SA-19:04/ntp.patch N/a	FreeBSD License
libevent/commit/96f64a022014a208105ead6c8a7066018449d86d.patch N/a	3-clause BSD license
libevent/commit/329acc18a0768c21ba22522f01a5c7f46cacc4d5.patch N/a	3-clause BSD license
libevent/commit/ec65c42052d95d2c23d1d837136d1cf1d9ecef9e.patch N/a	3-clause BSD license
SA-19:18/bzip2.patch N/a	FreeBSD License
file/commit/46a8443f76cec4b41ec736eca396984c74664f84.patch N/a	3-clause BSD license
https://www.sqlite.org/src/vpatch?from=4f5b2d938194fab7&to=98357d8c1263920b N/a	FreeBSD License
FFmpeg/commit/3a2d21bc5f97aa0161db3ae731fc2732be6108b8.patch N/a	FreeBSD License
FFmpeg/commit/fa19fbcf712a6a6cc5a5cfdc3254a97b9bce6582.patch N/a	FreeBSD License
FFmpeg/commit/cced03dd667a5df6df8fd40d8de0bff477ee02e8.patch N/a	FreeBSD License
form-data 2.5.1	MIT
lodash 4.17.15	MIT
jszip 3.2.2	GPLv3
https-proxy-agent 2.2.4	MIT

Table 1. License details (continued)

Component name	License type
http-proxy-agent 2.1.0	MIT
socks-proxy-agent 4.0.2	MIT
supports-color 7.1.0	MIT
samba 4.10.11	GPLv3
vpnc-scripts a64e23b1b6602095f73c4ff7fdb34cccf7149fd 5	GPLv2
eudev 3.2.7	GPLv2
pstree 2	GPL
hcidump 1.5.1	GPL
popt 1.16_2	MIT
htop 2.2.0_1	GPL
vim-console 8.1.0985	MIT
Isof 4.93.2	Open Source License
mpfr 4.0.2	GPLv3
pkg 1.10.5	3-clause BSD license
powerdxx 0.4.1	MIT
iperf3 3.7	3-clause BSD license
libiconv 1.14	GPLv3
perl5 5.28.1	GPL
python27 2.7.16	PSF License
powerdxx 0.4.1	MIT
iperf3 3.7	3-clause BSD license
libiconv 1.14	GPLv3
perl5 5.28.1	GPL
python27 2.7.16	PSF License
pv 1.6.6	Artistic License 2.0
rsync 3.1.3	GPL
lodash 4.17.11	MIT
zlib 1.2.11	Zlib license
libpgpg-error 1.36	generic_GPLv2 generic_LGPLv2.1
i18next-xhr-backend 3.2.2	MIT
i18next 17.0.16	MIT
openembedded-core/tree/meta?h=pyro pyro	MIT
fs-vacuum: 1.2.10	ISC
fs-write-stream-atomic: 1.0.10	ISC
gauge: 2.7.4	ISC
generate-function: 2.0.0	MIT
generate-object-property: 1.2.0	MIT

Table 1. License details (continued)

Component name	License type
genfun: 4.0.1	MIT
get-caller-file: 1.0.2	ISC
getpass: 0.1.7	MIT
get-stream: 3.0.0	MIT
glob: 7.1.2	ISC
globals: 9.18.0	MIT
globby: 5.0.0	MIT
got: 6.7.1	MIT
graceful-fs: 4.1.11	ISC
graceful-readlink: 1.0.1	MIT
har-validator: 5.0.3	ISC
has-ansi: 2.0.0	MIT
has-unicode: 2.0.1	ISC
hawk: 6.0.2	3-clause BSD license
hoek: 4.2.0	3-clause BSD license
hosted-git-info: 2.5.0	ISC
http-cache-semantics: 3.7.3	2-clause BSD license
http-proxy-agent: 2.0.0	MIT
https-proxy-agent: 2.1.0	MIT
humanize-ms: 1.2.1	MIT
hydrolysis: 1.25.0	3-clause BSD license
iconv-lite: 0.4.18	MIT
iconv-lite: 0.4.19	MIT
iferr: 0.1.5	MIT
ignore: 3.3.3	MIT
ignore-walk: 3.0.0	ISC
import-lazy: 2.1.0	MIT
imurmurhash: 0.1.4	MIT
inflight: 1.0.6	ISC
inherits: 2.0.3	ISC
ini: 1.3.4	ISC
init-package-json: 1.10.1	ISC
inquirer: 0.12.0	MIT
interpret: 1.0.3	MIT
invert-kv: 1.0.0	MIT
ip: 1.1.5	MIT
isarray: 1.0.0	MIT

Table 1. License details (continued)

Component name	License type
is-arrayish: 0.2.1	MIT
is-builtin-module: 1.0.0	MIT
is-cidr: 1.0.0	2-clause BSD license
isexe: 2.0.0	ISC
is-fullwidth-code-point: 1.0.0	MIT
is-fullwidth-code-point: 2.0.0	MIT
is-my-json-valid: 2.16.0	MIT
is-npm: 1.0.0	MIT
is-obj: 1.0.1	MIT
is-path-cwd: 1.0.0	MIT
is-path-in-cwd: 1.0.0	MIT
is-path-inside: 1.0.0	MIT
is-property: 1.0.2	MIT
is-redirect: 1.0.0	MIT
is-resolvable: 1.0.0	MIT
is-retry-allowed: 1.1.0	MIT
is-stream: 1.1.0	MIT
jsonify: 0.0.0	Public Domain
jsonparse: 1.3.1	MIT
json-parse-better-errors: 1.0.1	MIT
jsonpointer: 4.0.1	MIT
jsonschema: 1.1.1	MIT
json-stable-stringify: 1.0.1	MIT
JSONStream: 1.3.1	MIT
js-tokens: 3.0.2	MIT
js-yaml: 3.9.0	MIT
latest-version: 3.1.0	MIT
lazy-property: 1.0.0	MIT
lcid: 1.0.0	MIT
levn: 0.3.0	MIT
libnpx: 9.6.0	CC0- 1.0
load-json-file: 2.0.0	MIT
locate-path: 2.0.0	MIT
lockfile: 1.0.3	ISC
lodash: 3.10.1	MIT
lodash: 4.17.4	MIT
lodash._baseindexof: 3.1.0	MIT

Table 1. License details (continued)

Component name	License type
lodash._baseuniq: 4.6.0	MIT
configstore: 3.1.0	2-clause BSD license
console-control-strings: 1.1.0	ISC
copy-concurrently: 1.0.3	ISC
core-js: 2.4.1	MIT
create-error-class: 3.0.2	MIT
crisper: 2.0.2	BSD
cross-spawn: 5.1.0	MIT
cross-spawn-async: 2.2.5	MIT
cryptiles: 3.1.2	BSD
crypto-random-string: 1.0.0	MIT
cssbeautify: 0.3.1	MIT
cyclist: 0.2.2	MIT
d: 1.0.0	MIT
dashdash: 1.14.1	MIT
debug: 2.6.8	MIT
debuglog: 1.0.1	MIT
decamelize: 1.2.0	MIT
decode-uri-component: 0.2.0	MIT
deep-extend: 0.4.2	MIT
deep-is: 0.1.3	MIT
defaults: 1.0.3	MIT
del: 2.2.2	MIT
delegates: 1.0.0	MIT
detect-indent: 5.0.0	MIT
dezalgo: 1.0.3	ISC
doctrine: 0.7.2	BSD
doctrine: 2.0.0	Apache- 2.0
dom5: 1.1.0	BSD
dom5: 1.3.6	BSD
dom5: 2.3.0	BSD
dotenv: 4.0.0	BSD
dot-prop: 4.1.1	MIT
duplexer3: 0.1.4	BSD
duplexify: 3.5.0	MIT
ecc-jsbn: 0.1.1	MIT
editor: 1.0.0	MIT

Table 1. License details (continued)

Component name	License type
encoding: 0.1.12	MIT
end-of-stream: 1.0.0	MIT
end-of-stream: 1.4.0	MIT
err-code: 1.1.2	MIT
errno: 0.1.4	MIT
error-ex: 1.3.1	MIT
es5-ext: 0.10.24	MIT
es6-iterator: 2.0.1	MIT
es6-promise: 4.1.1	MIT
es6-promisify: 5.0.0	MIT
es6-set: 0.1.5	MIT
es6-weak-map: 2.0.2	MIT
escape-string-regexp: 1.0.5	MIT
escodegen: 1.8.1	BSD
escope: 3.6.0	BSD
eslint: 3.19.0	MIT
esprez: 3.4.3	BSD
esprima: 2.7.3	BSD
esprima: 4.0.0	BSD
esquery: 1.0.0	BSD
esrecurse: 4.2.0	2-clause BSD license
estaverse: 1.9.3	2-clause BSD license
estaverse: 3.1.0	2-clause BSD license
estaverse: 4.2.0	2-clause BSD license
esutils: 1.1.6	2-clause BSD license
esutils: 2.0.2	2-clause BSD license
execa: 0.4.0	MIT
execa: 0.7.0	MIT
exit-hook: 1.1.1	MIT
extend: 3.0.1	MIT
fast-deep-equal: 1.0.0	MIT
fast-levenshtein: 2.0.6	MIT
feature-detect-es6: 1.3.1	MIT
figures: 1.7.0	MIT
file-entry-cache: 2.0.0	MIT
find-replace: 1.0.3	MIT
find-up: 2.1.0	MIT

Table 1. License details (continued)

Component name	License type
flat-cache: 1.2.2	MIT
flush-write-stream: 1.0.2	MIT
form-data: 2.3.1	MIT
from2: 1.3.0	MIT
from2: 2.3.0	MIT
fs.realpath: 1.0.0	ISC
fstream: 1.0.11	ISC
stream-each: 1.2.0	MIT
stream-iterate: 1.2.0	MIT
stream-via: 0.1.1	MIT
stream-via: 1.0.4	MIT
strict-uri-encode: 1.1.0	MIT
string_decoder: 0.10.31	MIT
string_decoder: 1.0.3	MIT
stringstream: 0.0.5	MIT
string-width: 1.0.2	MIT
string-width: 2.1.0	MIT
string-width: 2.1.1	MIT
strip-ansi: 3.0.1	MIT
strip-ansi: 4.0.0	MIT
strip-bom: 3.0.0	MIT
strip-eof: 1.0.0	MIT
strip-indent: 2.0.0	MIT
strip-json-comments: 2.0.1	MIT
supports-color: 2.0.0	MIT
table: 3.8.3	3-clause BSD license
table-layout: 0.3.0	MIT
lodash._bindcallback: 3.0.1	MIT
lodash._cacheindexof: 3.0.2	MIT
lodash.clonedeep: 4.5.0	MIT
lodash._createcache: 3.1.2	MIT
lodash._createset: 4.0.3	MIT
lodash._getnative: 3.9.1	MIT
lodash.restparam: 3.6.1	MIT
lodash._root: 3.0.1	MIT
lodash.union: 4.6.0	MIT
lodash.uniq: 4.5.0	MIT

Table 1. License details (continued)

Component name	License type
lodash.without: 4.4.0	MIT
lowercase-keys: 1.0.0	MIT
lru-cache: 4.1.1	ISC
make-dir: 1.0.0	MIT
make-fetch-happen: 2.5.0	CC0- 1.0
meant: 1.0.1	MIT
mem: 1.1.0	MIT
mime-db: 1.30.0	MIT
mime-types: 2.1.17	MIT
mimic-fn: 1.1.0	MIT
minimatch: 3.0.4	ISC
minimist: 0.0.8	MIT
minimist: 1.2.0	MIT
minipass: 2.2.1	ISC
minizlib: 1.0.3	MIT
mississippi: 1.3.0	2-clause BSD license
mute-stream: 0.0.5	ISC
mute-stream: 0.0.7	ISC
natural-compare: 1.4.0	MIT
node-fetch-npm: 2.0.2	MIT
node-gyp: 3.6.2	MIT
nopt: 3.0.6	ISC
nopt: 4.0.1	ISC
normalize-package-data: 2.4.0	2-clause BSD license
npm-bundled: 1.0.3	ISC
npm-cache-filename: 1.0.2	ISC
npm-install-checks: 3.0.0	BSD-2-Clause
npm-lifecycle: 1.0.3	Artistic- 2.0
npmlog: 4.1.2	ISC
npm-package-arg: 5.1.2	ISC
npm-packlist: 1.1.9	ISC
npm-pick-manifest: 1.0.4	CC0- 1.0
npm-profile: 2.0.4	ISC
npm-registry-client: 8.5.0	ISC
npm-run-path: 1.0.0	MIT
npm-run-path: 2.0.2	MIT
npm-user-validate: 1.0.0	BSD-2-Clause

Table 1. License details (continued)

Component name	License type
number-is-nan: 1.0.1	MIT
oauth-sign: 0.8.2	Apache License, Version 2.0
object-get: 2.1.0	MIT
object-tools: 2.0.6	MIT
once: 1.4.0	ISC
onetime: 1.1.0	MIT
opener: 1.4.3	WTFPL and MIT
optionator: 0.8.2	MIT
osenv: 0.1.4	ISC
os-homedir: 1.0.2	MIT
os-locale: 2.1.0	MIT
os-tmpdir: 1.0.2	MIT
package-json: 4.0.1	MIT
pacote: 6.0.2	CC0- 1.0
parallel-transform: 1.1.0	MIT
parse5: 1.5.1	MIT
parse5: 2.2.3	MIT
parse-json: 2.2.0	MIT
path-exists: 3.0.0	MIT
path-is-absolute: 1.0.1	MIT
path-is-inside: 1.0.2	MIT
path-key: 1.0.0	MIT
path-key: 2.0.1	MIT
path-parse: 1.0.5	MIT
path-type: 2.0.0	MIT
p-finally: 1.0.0	MIT
pify: 2.3.0	MIT
pinkie: 2.0.4	MIT
pinkie-promise: 2.0.1	MIT
p-limit: 1.1.0	MIT
p-locate: 2.0.0	MIT
pluralize: 1.2.1	MIT
flac 1.3.2	COPYING.FDL COPYING.GPL COPYING.LGPL COPYING.Xiph generic_BSD generic_GFDL- 1.2 generic_GPLv2 generic_LGPLv2.1
node-v8.9.1-linux-x64.tar.xz v8.9.1	BSD, MIT
abbrev: 1.1.1 1.1.1	MIT or ISC
acorn: 3.3.0 3.3.0	MIT

Table 1. License details (continued)

Component name	License type
acorn: 5.1.1 5.1.1	MIT
acorn-jsx: 3.0.1	MIT
agent-base: 4.1.1	MIT
agentkeepalive: 3.3.0	MIT
ajv: 4.11.8	MIT
ajv: 5.2.3	MIT
ajv-keywords: 1.5.1	MIT
amdefine: 1.0.1	BSD and MIT
ansi-align: 2.0.0	MIT
ansicolors: 0.3.2	MIT
ansi-escapes: 1.4.0	MIT
array-back: 1.0.4	MIT
array-union: 1.0.2	MIT
array-uniq: 1.0.3	MIT
arrify: 1.0.1	MIT
asap: 2.0.5	MIT
asn1: 0.2.3	MIT
asynckit: 0.4.0	MIT
aws4: 1.6.0	MIT
babel-code-frame: 6.22.0	MIT
babel-polyfill: 6.23.0	MIT
babel-runtime: 6.23.0	MIT
balanced-match: 1.0.0	MIT
bcrypt-pbkdf: 1.0.1	BSD-3-Clause
block-stream: 0.0.9	BSD 2-clause, ISC
bluebird: 3.5.0	MIT
boom: 4.3.1	MIT, BSD 3- Clause
boom: 5.2.0	MIT
boxen: 1.1.0	MIT
brace-expansion: 1.1.8	MIT
builtin-modules: 1.1.1	MIT
builtins: 1.0.3	MIT
cacache: 9.2.9	CC0- 1.0
caller-path: 0.1.0	MIT
call-limit: 1.1.0	ISC
callsites: 0.2.0	MIT
camelcase: 4.1.0	MIT

Table 1. License details (continued)

Component name	License type
capture-stack-trace: 1.0.0	MIT
chalk: 1.1.3	MIT
chownr: 1.0.1	ISC
cidr-regex: 1.0.6	MIT
circular-json: 0.3.1	MIT
cli-boxes: 1.0.0	MIT
cli-cursor: 1.0.2	MIT
cli-table2: 0.2.0	MIT
cliui: 3.2.0	ISC
cli-width: 2.1.0	MIT
clone: 1.0.2	MIT
clone: 2.1.1	MIT
cmd-shim: 2.0.2	2-clause BSD license
co: 4.6.0	MIT
code-point-at: 1.1.0	MIT
collect-all: 0.2.1	MIT
collect-all: 1.0.3	MIT
collect-json: 1.0.8	MIT
colors: 1.1.2	MIT
columnify: 1.5.4	MIT
column-layout: 2.1.4	MIT
combined-stream: 1.0.5	MIT
commander: 2.9.0	MIT
command-line-args: 2.1.6	MIT
command-line-args: 3.0.5	MIT
command-line-usage: 2.0.5	MIT
command-line-usage: 3.0.8	MIT
concat-map: 0.0.1	MIT
concat-stream: 1.6.0	MIT
config-chain: 1.1.11	MIT
tar: 2.2.1	ISC
tar: 4.0.1	ISC
term-size: 0.1.1	MIT
test-value: 1.1.0	MIT
test-value: 2.1.0	MIT
text-table: 0.2.0	MIT
through2: 2.0.3	MIT

Table 1. License details (continued)

Component name	License type
timed-out: 4.0.1	MIT
tough-cookie: 2.3.3	3-clause BSD license
tryit: 1.0.3	MIT
type-check: 0.3.2	MIT
typedarray: 0.0.6	MIT
@types/chai: 4.0.1	MIT
@types/chai-subset: 1.3.0	MIT
@types/chalk: 0.4.31	MIT
@types/clone: 0.1.30	MIT
@types/cssbeautify: 0.3.1	Apache License, Version 2.0
@types/doctrine: 0.0.1	Apache License, Version 2.0
@types/escapegen: 0.0.2	3-clause BSD license
@types/estree: 0.0.34	MIT
@types/node: 4.2.15	MIT
@types/parse5: 0.0.31	MIT
typical: 2.6.1	MIT
uglify-es: 3.0.15	2-clause BSD license
uid-number: 0.0.6	ISC
umask: 1.1.0	MIT
unique-filename: 1.1.0	ISC
unique-slug: 2.0.0	ISC
unique-string: 1.0.0	MIT
unpipe: 1.0.0	MIT
unzip-response: 2.0.1	MIT
update-notifier: 2.2.0	2-clause BSD license
url-parse-lax: 1.0.0	MIT
user-home: 2.0.0	MIT
util-extend: 1.0.3	MIT
uuid: 3.1.0	MIT
validate-npm-package-license: 3.0.1	Apache License, Version 2.0
validate-npm-package-name: 3.0.0	ISC
wcwidth: 1.0.1	3-clause BSD license
which: 1.3.0	MIT
which-module: 2.0.0	MIT
wide-align: 1.1.2 1.1.2	ISC
widest-line: 1.0.0 1.0.0	MIT
wordwrap: 1.0.0 1.0.0	MIT

Table 1. License details (continued)

Component name	License type
wordwrapjs: 1.2.1 1.2.1	MIT
wordwrapjs: 2.0.0 2.0.0	MIT
worker-farm: 1.5.0 1.5.0	MIT
wrap-ansi: 2.1.0 2.1.0	MIT
write: 0.2.1 0.2.1	MIT
write-file-atomic: 2.1.0 2.1.0	ISC
xdg-basedir: 3.0.0 3.0.0	MIT
xtend: 4.0.1 4.0.1	MIT
y18n: 3.2.1 3.2.1	ISC
yallist: 2.1.2 2.1.2	ISC
yallist: 3.0.2 3.0.2	ISC
yargs: 8.0.2 8.0.2	MIT
yargs-parser: 7.0.0 7.0.0	MIT
polymer-analyzer 2.2.1 2.2.1	3-clause BSD license
polymer-bundler: 3.0.1 3.0.1	3-clause BSD license
polymer-css-build: 0.1.2 0.1.2	3-clause BSD license
prelude-ls: 1.1.2 1.1.2	MIT
prepend-http: 1.0.4 1.0.4	MIT
process-nextick-args: 1.0.7 1.0.7	MIT
progress: 1.1.8 1.1.8	MIT
promise-inflight: 1.0.1 1.0.1	ISC
promise-retry: 1.1.1 1.1.1	MIT
promzard: 0.3.0 0.3.0	ISC
protoduck: 4.0.0 4.0.0	MIT 、 CC0- 1.0
proto-list: 1.2.4 1.2.4	ISC
prrr: 0.0.0 0.0.0	MIT
pseudomap: 1.0.2 1.0.2	ISC
pump: 1.0.2 1.0.2	MIT
pumpify: 1.3.5 1.3.5	MIT
punycode: 1.4.1 1.4.1	MIT
qrcode-terminal: 0.11.0 0.11.0	Apache License , Version 2.0 、 MIT
qs: 6.5.1 6.5.1	3-clause BSD license
query-string: 5.0.0 5.0.0	MIT
qw: 1.0.1 1.0.1	ISC 、 MIT
rc: 1.2.1 1.2.1	MIT 、 2-clause BSD license 、 Apache License, version 2.0
read: 1.0.7 1.0.7	ISC
readable-stream: 2.3.3 2.3.3	MIT

Table 1. License details (continued)

Component name	License type
read-cmd-shim: 1.0.1 1.0.1	ISC
readdir-scoped-modules: 1.0.2 1.0.2	ISC
read-installed: 4.0.3 4.0.3	ISC
readline2: 1.0.1 1.0.1	MIT
read-package-json: 2.0.12 2.0.12	ISC
read-package-tree: 5.1.6 5.1.6	ISC
readline2: 1.0.1 1.0.1	MIT
read-package-json: 2.0.12 2.0.12	ISC
read-package-tree: 5.1.6 5.1.6	ISC
read-pkg: 2.0.0 2.0.0	MIT
read-pkg-up: 2.0.0 2.0.0	MIT
rechoir: 0.6.2 0.6.2	MIT
reduce-flatten: 1.0.1 1.0.1	MIT
regenerator-runtime: 0.10.5 0.10.5	MIT
registry-auth-token: 3.3.1 3.3.1	MIT
registry-url: 3.1.0 3.1.0	MIT
request: 2.83.0 2.83.0	Apache License, version 2.0
require-directory: 2.1.1 2.1.1	MIT
require-main-filename: 1.0.1 1.0.1	ISC
require-uncached: 1.0.3 1.0.3	MIT
resolve: 1.3.3 1.3.3	MIT
resolve-from: 1.0.1 1.0.1	MIT
restore-cursor: 1.0.1 1.0.1	MIT
retry: 0.10.1 0.10.1	MIT
rimraf: 2.6.1 2.6.1	ISC
rimraf: 2.6.2 2.6.2	ISC
run-async: 0.1.0 0.1.0	MIT
run-queue: 1.0.3 1.0.3	ISC
rx-lite: 3.1.2 3.1.2	Apache License, version 2.0
safe-buffer: 5.1.1 5.1.1	MIT
semver: 5.3.0 5.3.0	ISC
semver: 5.4.1 5.4.1	ISC
semver-diff: 2.1.0 2.1.0	MIT
set-blocking: 2.0.0 2.0.0	ISC
sha: 2.0.1 2.0.1	MIT
shady-css-parser: 0.0.8 0.0.8	3-clause BSD license
shebang-command: 1.2.0 1.2.0	MIT

Table 1. License details (continued)

Component name	License type
shebang-regex: 1.0.0 1.0.0	MIT
shelljs: 0.7.8 0.7.8	3-clause BSD license
signal-exit: 3.0.2 3.0.2	ISC
slash: 1.0.0 1.0.0	MIT
slice-ansi: 0.0.4 0.0.4	MIT
slide: 1.1.6 1.1.6	ISC
smart-buffer: 1.1.15 1.1.15	MIT
sntp: 2.0.2 2.0.2	3-clause BSD license
socks: 1.1.10 1.1.10	MIT
socks-proxy-agent: 3.0.0 3.0.0	MIT
socks-proxy-agent: 3.0.1 3.0.1	MIT
sorted-object: 2.0.1 2.0.1	MIT
sorted-union-stream: 2.1.3 2.1.3	MIT
source-map: 0.2.0 0.2.0	3-clause BSD license
source-map: 0.5.6 0.5.6	3-clause BSD license
spdx-correct: 1.0.2 1.0.2	Apache License, version 2.0
spdx-correct: 1.0.2 1.0.2	MIT
spdx-expression-parse: 1.0.4 1.0.4	MIT
sprintf-js: 1.0.3 1.0.3	3-clause BSD license
sshpk: 1.13.1 1.13.1	MIT
ssri: 4.1.6 4.1.6	CC0- 1.0
stream-connect: 1.0.2 1.0.2	MIT
flac(Libchromium lib) 1.3.1	LGPL v2.1 、 GPL v2.0 、 Xiph 、 FDL
move-concurrently: 1.0.1 1.0.1	ISC
gnutls 3.5.18	LGPL v2.1
Openconnect 8.02	LGPL v2.1
gettext-runtime 0.20.1	LGPL v2.1
Expat 2.2.6	MIT
readline-7.0-patches/readline70-005 70- 005	LGPL v2.1
alsa-lib 1.1.6	LGPL v2.1
Libinput 1.11.3	MIT
Libtool 2.4.6	LGPL v2.1
gst-plugins-bad 1.14.4	LGPL v2.1
libxml2 2.9.10	MIT
flatbuffers 1.6.0 1.6.0	Apache License, version 2.0
flush-write-stream 1.1.1 1.1.1	MIT
fstream 1.0.12 1.0.12	ISC

Table 1. License details (continued)

Component name	License type
functional-red-black-tree 1.0.1 1.0.1	MIT
generate-function 2.3.1 2.3.1	MIT
generators 1.0.0 1.0.0	MIT
gentle-fs 2.3.0 2.3.0	Apache License, version 2.0
get-caller-file 1.0.3 1.0.3	ISC
glob 7.1.6 7.1.6	ISC
globals 11.1.0 11.1.0	MIT
globals 11.12.0 11.12.0	MIT
graceful-fs 4.1.15 4.1.15	ISC
graceful-fs 4.2.3 4.2.3	ISC
has-flag 2.0.0 2.0.0	MIT
hosted-git-info 2.8.8 2.8.8	ISC
HTML5-Game-Benchmarks 0.0.0 0.0.0	MIT
http-cache-semantics 3.8.1 3.8.1	2-clause BSD license
http-https 1.0.0 1.0.0	ISC
ignore 3.3.10 3.3.10	MIT
ignore 3.3.7 3.3.7	MIT
ignore-walk 3.0.3 3.0.3	ISC
inherits 2.0.4 2.0.4	ISC
ini 1.3.5 1.3.5	ISC
init-package-json 1.10.3 1.10.3	ISC
inquirer 3.3.0 3.3.0	MIT
interpret 1.2.0 1.2.0	MIT
is-my-json-valid 2.20.0 2.20.0	MIT
is-path-in-cwd 1.0.1 1.0.1	MIT
is-path-inside 1.0.1 1.0.1	MIT
is-promise 2.1.0 2.1.0	MIT
is-resolvable 1.0.1 1.0.1	MIT
is-resolvable 1.1.0 1.1.0	ISC
is-retry-allowed 1.2.0 1.2.0	MIT
jquery 2.2.4 2.2.4	MIT
js-yaml 3.10.0 3.10.0	MIT
js-yaml 3.13.1 3.13.1	MIT
json-parse-better-errors 1.0.2 1.0.2	MIT
json-stable-stringify-without-jsonify 1.0.1 1.0.1	MIT
jsonschema 1.2.5 1.2.5	MIT
jsonstream 1.3.1 1.3.1	MIT

Table 1. License details (continued)

Component name	License type
layout-test-tidy 0.0.6 0.0.6	3-clause BSD license
libnpx 9.7.1 9.7.1	CC0- 1.0
lockfile 1.0.4 1.0.4	ISC
lowercase-keys 1.0.1 1.0.1	MIT
lru-cache 4.1.5 4.1.5	ISC
make-dir 1.3.0 1.3.0	MIT
make-fetch-happen 2.6.0 2.6.0	CC0- 1.0
markdown-extensions 1.1.1 1.1.1	MIT
flat-cache 1.3.4 1.3.4	MIT
marked 0.3.19 0.3.19	MIT
@types/chai 4.2.10 4.2.10	MIT
@types/chai-subset 1.3.3 1.3.3	MIT
@types/node 4.9.4 4.9.4	MIT
@types/node 6.0.118 6.0.118	MIT
@types/node 6.14.9 6.14.9	MIT
@types/parse5 2.2.34 2.2.34	MIT
0-dns 1.0.0	MIT
acorn 5.2.1 5.2.1	MIT
acorn 5.3.0 5.3.0	MIT
acorn 5.7.4 5.7.4	MIT
agent-base 4.1.1 4.3.0	MIT
agentkeepalive 3.3.0 3.5.2	MIT
ajv-keywords 1.5.1 2.1.1	MIT
ansi-escapes 3.0.0 3.0.0	MIT
ansi-escapes 3.2.0 3.2.0	MIT
ansi-styles 3.2.0 3.2.0	MIT
ansi-styles 2.2.1 3.2.1	MIT
are-we-there-yet 1.1.4 1.1.5	MIT
argparse 1.0.9 1.0.10	MIT
flot 0.8.3 0.8.3	MIT
font-roboto 1.0.1 1.0.1	3-clause BSD license
font-roboto 1.0.3 1.0.3	2-clause BSD license
geocoder 2.38-SNAPSHOT 2.38- SNAPSHOT	Apache License, Version 2.0
google-protobuf 3.3.2 3.3.2	3-clause BSD license
googlewebcomponents-google-apis N/A	Apache License, Version 2.0
gson 2.7 2.7	Apache License, Version 2.0
HTMLImports 0.7.24	3-clause BSD license

Table 1. License details (continued)

Component name	License type
lcu 60.1	ICU 、 BSD
jashkenas-backbone 1.3.3 1.3.3	MIT
jashkenas-underscore 1.3.1 1.3.1	MIT
jashkenas-underscore 1.8.3 1.8.3	MIT
jasmine-jasmine 2.0.0	MIT
java-build 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
jedwatson-classnames 2.2.5	MIT
jimhigson-oboe.js 2.1.3 2.1.3	2-clause BSD license
Jquery 1.2.1	MIT
jQuery 1.10.2 1.10.2	MIT
jquery 1.11.1 1.11.1	MIT
jQuery 1.2.3 1.2.3	MIT
jQuery 1.2.6 1.2.6	MIT
jquery 1.3.2 1.3.2	MIT
jQuery 1.4.2 1.4.2	MIT
jQuery 1.4.3 1.4.3	MIT
jQuery 1.5.1 1.5.1	MIT
jquery 1.6.1 1.6.1	MIT
jquery 1.6.4 1.6.4	MIT
jquery 1.7.1 1.7.1	MIT
jquery 1.8.3 1.8.3	MIT
jquery 1.9.0 1.9.0	MIT
jquery 2.0.3 2.0.3	MIT
jquery 2.1.4 2.1.4	MIT
jquery 3.1.1 3.1.1	MIT
jQuery 3.2.1 3.2.1	MIT
jquery-hashchange 1.3.0 1.3.0	MIT
jquery.colorhelpers 0.8.3	MIT
jquery.debounce 1.1	MIT
jquery.flot 0.7	MIT
jquery.json 1.9.22.0	Apache License, Version 2.0
jquery.tablesorter 3.7	BSD
jquery.treeview 1.4	MIT
jQuery1 1.11.3 1.11.3	MIT
jqueryui 1.8.2 1.8.2	MIT
jrburke-requirejs 2.1.2 2.1.2	BSD 、 MIT
jrburke-requirejs 2.1.9 2.1.9	BSD 、 MIT

Table 1. License details (continued)

Component name	License type
jrburke-requirejs 2.3.3 2.3.3	MIT
json2 2	Public domain
libevent-libevent 1.4.15	3-clause BSD license
asap 2.0.5 2.0.6	MIT
asn1.js-rfc5280 1.2.2 1.2.2	MIT
aws4 1.6.0 1.9.1	MIT
babel-code-frame 6.26.0 6.26.0	MIT
babel-polyfill 6.23.0 6.26.0	MIT
babel-runtime 6.23.0 6.26.0	MIT
benchmark 1.0.0 1.0.0	MIT
bin-links 1.1.7 1.1.7	MIT
bluebird 3.5.0 3.5.5	MIT
bluebird 3.7.2 3.7.2	MIT
boom 5.2.0 5.x.x	3-clause BSD license
boxen 1.1.0 1.3.0	MIT
brace-expansion 1.1.8 1.1.11	MIT
cacache 10.0.4 10.0.4	MIT
cacache 9.2.9 9.3.0	MIT
call-limit 1.1.0 1.1.1	MIT
capture-stack-trace 1.0.0 1.0.1	MIT
catapult_base 1.0.0 1.0.0	3-clause BSD license
chalk 2.3.0 2.3.0	MIT
chalk 2.4.2 2.4.2	MIT
chardet 0.4.2 0.4.2	MIT
chownr 1.0.1 1.1.4	MIT
chrome-debug-launcher 0.1.0	3-clause BSD License
chrome-devtools-frontend eb375f3b31a67df908c93a827dd9e78d3212be6 0	3-clause BSD License
chrome-devtools-frontend-npm N/A	MIT
circular-json 0.3.3 0.3.3	MIT
cli-cursor 2.1.0 2.1.0	MIT
cli-width 2.2.0 2.2.0	MIT
clone 1.0.2 1.0.4	MIT
clone 2.1.1 2.1.2	MIT
acorn 5.2.1 5.2.1	MIT
acorn 5.3.0 5.3.0	MIT
acorn 5.7.4 5.7.4	MIT
agent-base 4.1.1 4.3.0	MIT

Table 1. License details (continued)

Component name	License type
agentkeepalive 3.3.0 3.5.2	MIT
ajv-keywords 1.5.1 2.1.1	MIT
ansi-escapes 3.0.0 3.0.0	MIT
ansi-escapes 3.2.0 3.2.0	MIT
ansi-styles 3.2.0 3.2.0	MIT
ansi-styles 2.2.1 3.2.1	MIT
are-we-there-yet 1.1.4 1.1.5	MIT
argparse 1.0.9 1.0.10	ISC
asap 2.0.5 2.0.6	MIT
aws4 1.6.0 1.9.1	MIT
benchmark 1.0.0 1.0.0	MIT
bin-links 1.1.7 1.1.7	MIT
bluebird 3.5.0 3.5.5	Artistic License 2.0
bluebird 3.7.2 3.7.2	MIT
boxen 1.1.0 1.3.0	MIT
brace-expansion 1.1.8 1.1.11	MIT
cacache 10.0.4 10.0.4	MIT
cacache 9.2.9 9.3.0	ISC
call-limit 1.1.0 1.1.1	CC0- 1.0
capture-stack-trace 1.0.0 1.0.1	ISC
chalk 2.3.0 2.3.0	2-clause BSD license
chalk 2.4.2 2.4.2	MIT
chardet 0.4.2 0.4.2	MIT
chownr 1.0.1 1.1.4	MIT
circular-json 0.3.3 0.3.3	3-Clause BSD license
cli-cursor 2.1.0 2.1.0	MIT
cli-width 2.2.0 2.2.0	MIT
clone 1.0.2 1.0.4	ISC
clone 2.1.1 2.1.2	MIT
acorn 5.2.1 5.2.1	MIT
acorn 5.3.0 5.3.0	MIT
acorn 5.7.4 5.7.4	MIT
agent-base 4.1.1 4.3.0	MIT
agentkeepalive 3.3.0 3.5.2	MIT
ajv-keywords 1.5.1 2.1.1	MIT
ansi-escapes 3.0.0 3.0.0	MIT
ansi-escapes 3.2.0 3.2.0	MIT

Table 1. License details (continued)

Component name	License type
ansi-styles 3.2.0 3.2.0	MIT
ansi-styles 2.2.1 3.2.1	MIT
are-we-there-yet 1.1.4 1.1.5	MIT
argparse 1.0.9 1.0.10	ISC
asap 2.0.5 2.0.6	MIT
aws4 1.6.0 1.9.1	MIT
benchmark 1.0.0 1.0.0	MIT
bin-links 1.1.7 1.1.7	ISC
bluebird 3.5.0 3.5.5	MIT
bluebird 3.7.2 3.7.2	MIT
boxen 1.1.0 1.3.0	MIT
brace-expansion 1.1.8 1.1.11	MIT
cacache 10.0.4 10.0.4	ISC
cacache 9.2.9 9.3.0	CC0 1.0
call-limit 1.1.0 1.1.1	ISC
capture-stack-trace 1.0.0 1.0.1	MIT
chalk 2.3.0 2.3.0	MIT
chalk 2.4.2 2.4.2	MIT
chardet 0.4.2 0.4.2	MIT
chownr 1.0.1 1.1.4	ISC
circular-json 0.3.3 0.3.3	MIT
cli-cursor 2.1.0 2.1.0	MIT
cli-width 2.2.0 2.2.0	MIT
clone 1.0.2 1.0.4	MIT
clone 2.1.1 2.1.2	MIT
libevent-libevent 1.4.15	3-clause BSD license
libjpeg 8d 6b	The Independent JPEG Group's JPEG software
libphonenumber 7.2.8-SNAPSHOT 7.2.8- SNAPSHOT	Apache License, Version 2.0
libphonenumber-build-parent 1.0- SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
libphonenumber-parent 7.2.8- SNAPSHOT 7.2.8-SNAPSHOT	Apache License, Version 2.0
Lodash 4.17.4	MIT
marcj-css-element-queries 0.2.1	MIT
materialize 0.100.0 0.100.0	MIT
minizip 1.2.0 1.2.0	MIT
mochajs-mocha N/A	MIT
MutationObserver 0.7.24	3-clause BSD license
neon-animation PolymerElements/neon- animation#1 - 2 1.25	3-clause BSD license

Table 1. License details (continued)

Component name	License type
neon-animation PolymerElements/neon- animation#2.1.0 2.1.0	3-clause BSD license
nodent 5. 3.0.17	MIT
Npm 3.5.2 3.5.2	Artistic License 2.0
npm-test-gitignore 2.0.0 2.0.0	MIT
openssl 1.0.2m 1.0.2m	4-clause BSD license
paper-behaviors PolymerElements/paper- behaviors#1 - 2 1.0.13	3-clause BSD license
paper-behaviors PolymerElements/paper- behaviors#1.0.12 1.0.12	3-clause BSD license
php >=5.4 >=5.4	The PHP License, version 3.01
php >=5.5.0 >=5.5.0	The PHP License, version 3.01
prefixmapper 2.38-SNAPSHOT 2.38- SNAPSHOT	Apache License, Version 2.0
Promise 1.0.1	MIT
protobuf 3.3.2 3.3.2	3-clause BSD license
protobuf-java 2.5.0 2.5.0	3-clause BSD license
protobuf-java 2.6.1 2.6.1	3-clause BSD license
protobuf-java-util 3.3.2 3.3.2	3-clause BSD license
protobuf-javanano 3.2.0 3.2.0	3-clause BSD license
protobuf-jruby 1.0-SNAPSHOT 1.0- SNAPSHOT	3-clause BSD license
protobuf-lite 3.0.0 3.0.0	3-clause BSD license
protobuf-parent 3.3.2 3.3.2	3-clause BSD license
protoc 3.3.2 3.3.2	3-Clause BSD License
Prototype 1.7 1	MIT
qunitjs-qunit 1.17.1 1.17.1	MIT
react ~0.4.0 0.4.0	Apache License, Version 2.0
react 15.5.4 15.5.4	BSD 、 Attribution 4.0 International
react-dom 15.5.4 15.5.4	3-Clause BSD License
react-with-addons 15.5.4 15.5.4	3-Clause BSD License
requirejs-text 2.0.15 2.0.15	MIT
rx.lite 3.1.2	Apache License, Version 2.0
rx.lite.aggregates 4.0.8	Apache License, Version 2.0
scoped-underscore N/A	MIT
semantic 7.0.3 7.0.3	3-clause BSD License
ShadowDOM 0.7.24	3-clause BSD License
Shim 2.4.1	MIT
Sizzle 1.5.1 1.5.1	3-clause BSD License
Prototype 1.7 1.7	MIT
mime-types 2.1.26 2.1.26	MIT

Table 1. License details (continued)

Component name	License type
mimic-fn 1.2.0 1.2.0	MIT
minimist 1.2.4 1.2.4	MIT
minipass 2.9.0 2.9.0	ISC
minizlib 1.3.3 1.3.3	MIT
mississippi 1.3.1 1.3.1	2-clause BSD license
module-stub 1.1.12 1.1.12	MIT
ms 2.1.2 2.1.2	MIT
mute-stream 0.0.8 0.0.8	ISC
node-doc-generator 0.0.0 0.0.0	MIT
node-fetch-npm 2.0.3 2.0.3	MIT
node-gyp 3.6.3 3.6.3	MIT
node-inspect 1.11.3 1.11.3	MIT
nopt 4.0.3 4.0.3	ISC
normalize-package-data 2.4.2 2.4.2	2-clause BSD license
normalize-package-data 2.5.0 2.5.0	2-clause BSD license
npm 5.5.1 5.5.1	Apache License, Version 2.0
npm 5.6.0 5.6.0	Apache License, Version 2.0
npm-bundled 1.1.1 1.1.1	ISC
npm-init 0.0.0 0.0.0	MIT
npm-install-checks 3.0.2 3.0.2	2-clause BSD license
npm-lifecycle 2.0.3 2.0.3	Apache License, Version 2.0
npm-package-arg 6.0.0 6.0.0	ISC
npm-packlist 1.1.12 1.1.12	ISC
npm-packlist 1.4.8 1.4.8	ISC
npm-profile 2.0.5 2.0.5	ISC
npm-registry-client 8.5.1 8.5.1	ISC
object-get 2.1.1 2.1.1	MIT
oboe 2.1.3 2.1.3	BSD
onetime 2.0.1 2.0.1	MIT
optimist 0.3.7 0.3.7	MIT
optionator 0.8.3 0.8.3	MIT
osenv 0.1.5 0.1.5	ISC
p-limit 1.3.0 1.3.0	MIT
package-name 1.2.3 1.2.3	MIT
pacote 6.0.4 6.0.4	CC0- 1.0
pacote 7.6.1 7.6.1	MIT
parallel-transform 1.2.0 1.2.0	MIT

Table 1. License details (continued)

Component name	License type
parse5 1.5.0 1.5.0	MIT
parse5 5.1.1 5.1.1	MIT
path-parse 1.0.6 1.0.6	MIT
pluralize 7.0.0 7.0.0	MIT
polymer-analyzer 2.7.0 2.7.0	3-clause BSD license
progress 2.0.0 2.0.0	MIT
progress 2.0.3 2.0.3	MIT
pty.js 0.3.1 0.3.1	MIT
pump 1.0.3 1.0.3	MIT
pumpify 1.5.1 1.5.1	MIT
query-string 5.0.1 5.0.1	MIT
rc 1.2.8 1.2.8	MIT
run-async 2.4.0 2.4.0	MIT
rx-lite 4.0.8 4.0.8	Apache License, Version 2.0
rx-lite-aggregates 4.0.8 4.0.8	Apache License, Version 2.0
safe-buffer 5.2.0 5.2.0	MIT
semver 2.3.2 2.3.2	BSD
semver 5.7.1 5.7.1	ISC
shelljs 0.8.3 0.8.3	3-clause BSD license
slice-ansi 1.0.0 1.0.0	MIT
source-map 0.5.7 0.5.7	3-clause BSD license
ssri 5.0.0 5.0.0	ISC
stream-each 1.2.3 1.2.3	MIT
stream-shift 1.0.1 1.0.1	MIT
stringstream 0.0.6 0.0.6	MIT
supports-color 4.5.0 4.5.0	MIT
table 4.0.2 4.0.2	3-clause BSD license
table 4.0.3 4.0.3	3-clause BSD license
tar 2.2.2 2.2.2	ISC
tar 4.0.2 4.0.2	ISC
tar 4.4.13 4.4.13	ISC
tar.gz 0.1.1 0.1.1	MIT
through2 2.0.5 2.0.5	MIT
tmp 0.0.33 0.0.33	MIT
todomvc-common 1.0.4 1.0.4	MIT
tough-cookie 2.3.4 2.3.4	3-clause BSD license
unified-args 4.0.0 4.0.0	MIT

Table 1. License details (continued)

Component name	License type
@scoped/underscore 1.3.1 1.3.1	MIT
google-signin 2.0.0 2.0.0	Apache License, Version 2.0
alex-seville-blanket 1.1.5 1.1.5	MIT
alexei-sprintf.js 1.0.3 1.0.3	3-clause BSD license
angular-angular.js 1.6.5 1.6.5	MIT
App N/A	3-clause BSD license
app-route 1.0.1 1.0.1	3-clause BSD license
appcompat-v7 26.1.0 26.1.0	3-clause BSD license
axe 3.0.0 3.0.0	Mozilla Public License 2.0
bluebird.core 3.5.0 3.5.0	MIT
bootstrap 2.2.2 2.2.2	Apache License, Version 2.0
bootstrap-responsive 2.2.2 2.2.2	Apache License, Version 2.0
carrier 1.28-SNAPSHOT 1.28- SNAPSHOT	Apache License, Version 2.0
catapult-project-catapult NA	3-clause BSD license
Chromium 66.0.3359.181	3-clause BSD license
codemirror-codemirror 5.31.1	MIT
common-build 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
commons-fileupload 1.2 1.2	Apache License, Version 2.0
commons-io 1.3.2 1.3.2	Apache License, Version 2.0
commons-lang 2.6 2.6	Apache License, Version 2.0
rc 1.2.8 1.2.8	MIT
read-cmd-shim 1.0.5 1.0.5	ISC
read-package-json 2.0.13 2.0.13	ISC
read-package-json 2.1.1 2.1.1	ISC
readable-stream 2.3.7 2.3.7	MIT
readdir-scoped-modules 1.1.0 1.1.0	ISC
registry-auth-token 3.4.0 3.4.0	MIT
remark 8.0.0 8.0.0	MIT
remark-cli 4.0.0 4.0.0	MIT
remark-lint 6.0.5 6.0.5	MIT
remark-lint-blockquote-indentation 1.0.3 1.0.3	MIT
remark-lint-checkbox-character-style 1.0.3 1.0.3	MIT
remark-lint-checkbox-content-indent 1.0.3 1.0.3	MIT
remark-lint-code-block-style 1.0.3 1.0.3	MIT
remark-lint-definition-spacing 1.0.4 1.0.4	MIT
remark-lint-fenced-code-flag 1.0.3 1.0.3	MIT
remark-lint-fenced-code-marker 1.0.3 1.0.3	MIT

Table 1. License details (continued)

Component name	License type
remark-lint-file-extension 1.0.3 1.0.3	MIT
remark-lint-final-definition 1.0.3 1.0.3	MIT
remark-lint-final-newline 1.0.3 1.0.3	MIT
remark-lint-first-heading-level 1.1.4 1.1.4	MIT
remark-lint-hard-break-spaces 1.0.4 1.0.4	MIT
remark-lint-heading-style 1.0.3 1.0.3	MIT
remark-lint-maximum-line-length 1.2.1 1.2.1	MIT
remark-lint-no-auto-link-without- protocol 1.0.3 1.0.3	MIT
remark-lint-no-blockquote-without-caret 1.0.0 1.0.0	MIT
remark-lint-no-duplicate-definitions 1.0.5 1.0.5	MIT
remark-lint-no-file-name-articles 1.0.3 1.0.3	MIT
remark-lint-no-file-name-consecutive- dashes 1.0.3 1.0.3	MIT
remark-lint-no-file-name-outer-dashes 1.0.4 1.0.4	MIT
remark-lint-no-heading-content-indent 1.0.3 1.0.3	MIT
remark-lint-no-heading-indent 1.0.3 1.0.3	MIT
remark-lint-no-inline-padding 1.0.4 1.0.4	MIT
remark-lint-no-multiple-toplevel- headings 1.0.4 1.0.4	MIT
remark-lint-no-shell-dollars 1.0.3 1.0.3	MIT
remark-lint-no-shortcut-reference-image 1.0.3 1.0.3	MIT
remark-lint-no-table-indentation 1.0.4 1.0.4	MIT
remark-lint-no-tabs 1.0.3 1.0.3	MIT
promise-polyfill 1.0.1	Apache License, Version 2.0
python-gflags 2.0	3-clause BSD license
python-paste 2.0.2	MIT
python-rsa 2.0	Apache License, Version 2.0
python-rsa 1.3.3	Apache License, Version 2.0
python27-python-six 1.9.0	MIT
Resolve 1.18.1	MIT
socksipy-branch 1.02	3-clause BSD license
tomerrliba-tlsite 0.4.8	3-clause BSD license
vbabiy-pymox 0.5.1	Apache License, Version 2.0
webapp2 2.5.1	Apache License, Version 2.0
webcomponentsjs webcomponents/webcomponentsjs 0.7.24	3-clause BSD license
remark-lint-no-unused-definitions 1.0.5 1.0.5	MIT
remark-lint-prohibited-strings 1.2.1 1.2.1	MIT
remark-lint-rule-style 1.0.3 1.0.3	MIT
remark-lint-strong-marker 1.0.3 1.0.3	MIT

Table 1. License details (continued)

Component name	License type
remark-lint-table-cell-padding 1.0.4 1.0.4	MIT
remark-lint-table-pipes 1.0.3 1.0.3	MIT
remark-preset-lint-node 1.0.2 1.0.2	MIT
request 2.88.2 2.88.2	Apache License, Version 2.0
resolve 1.15.1 1.15.1	MIT
restore-cursor 2.0.0 2.0.0	MIT
rimraf 2.6.3 2.6.3	ISC
rimraf 2.7.1 2.7.1	ISC
unique-filename 1.1.1 1.1.1	ISC
unique-slug 2.0.2 2.0.2	ISC
update-notifier 2.3.0 2.3.0	2-clause BSD license
update-notifier 2.5.0 2.5.0	2-clause BSD license
uuid 3.4.0 3.4.0	MIT
validate-npm-package-license 3.0.4 3.0.4	Apache License, Version 2.0
webgl-conformance-test-runner master	MIT
webidl2 8.1.0 8.1.0	MIT
webtrtc-testing-tools 1.0.0 1.0.0	MIT
webui-node-modules master	MIT
which 1.3.1 1.3.1	ISC
wide-align 1.1.3 1.1.3	ISC
worker-farm 1.5.4 1.5.4	MIT
write-file-atomic 2.4.3 2.4.3	ISC
ws 1.1.5 1.1.5	MIT
xtend 4.0.2 4.0.2	MIT
xterm.fit master	MIT
yallist 3.1.1 3.1.1	ISC
color-convert 1.9.1 1.9.1	MIT
color-convert 1.9.3 1.9.3	MIT
color-name 1.1.3 1.1.3	MIT
color-name 1.1.4 1.1.4	MIT
colors 1.4.0 1.4.0	MIT
concat-stream 1.6.0 1.6.0	MIT
config-chain 1.1.11 1.1.11	MIT
configstore 3.1.0 3.1.0	MIT
copy-concurrently 1.0.3 1.0.3	ISC
core-js 2.4.1 2.4.1	MIT
debug 3.1.0 3.1.0	MIT

Table 1. License details (continued)

Component name	License type
debug 3.2.6 3.2.6	MIT
depot 0.1.6 0.1.6	MIT
devtools-backend 1.0.0 1.0.0	3-clause BSD license
devtools-run 0.1.0	3-clause BSD license
doctrine 2.0.2 2.0.2	2-clause BSD license, Apache License, Version 2.0
doctrine 2.1.0 2.1.0	2-clause BSD license, Apache License, Version 2.0
dot-prop 4.1.1 4.1.1	MIT
Electron v3.1.1	MIT
electron-test 0.1.0 0.1.0	MIT
end-of-stream 1.4.0 1.4.0	MIT
errno 0.1.7 0.1.7	MIT
error-ex 1.3.1 1.3.1	MIT
es5-ext 0.10.24 0.10.24	MIT
es5-shim 2.0.0 2.0.0	MIT
es6-promise 4.1.1 4.1.1	ISC
es6-symbol 3.1.1 3.1.1	ISC
escodegen 1.8.1 1.8.1	2-clause BSD license
eslint 3.19.0 3.19.0	MIT
eslint-config-google 0.6.0 0.6.0	Apache License, Version 2.0
eslint-plugin-html 2.0.3 2.0.3	MIT
eslint-scope 3.7.1 3.7.1	2-clause BSD license
eslint-scope 3.7.3 3.7.3	3-clause BSD license
esprez 3.5.2 3.5.2	2-clause BSD license
esprez 3.5.4 3.5.4	2-clause BSD license
esprima 4.0.1 4.0.1	BSD
esquery 1.1.0 1.1.0	MIT
esrecurse 4.2.1 4.2.1	MIT
estraverse 4.3.0 4.3.0	2-clause BSD license
esutils 2.0.3 2.0.3	3-clause BSD license
express 2.5.11 2.5.11	MIT
express 3.21.2 3.21.2	MIT
external-editor 2.1.0 2.1.0	MIT
external-editor 2.2.0 2.2.0	MIT
extsprintf 1.4.0 1.4.0	MIT
fast-json-stable-stringify 2.1.0	MIT
feature-detect-es6 1.5.0 1.5.0	MIT
figures 2.0.0 2.0.0	MIT

Table 1. License details (continued)

Component name	License type
find-npm-prefix 1.0.2 1.0.2	ISC
flat-cache 1.3.0 1.3.0	MIT
compatibility-more-protos 2.5.0 2.5.0	3-clause BSD license
compatibility-protos 2.5.0 2.5.0	3-clause BSD license
compatibility-tests 2.5.0 2.5.0	3-clause BSD license
conformance-suites 1.0.0	MIT
conformance-suites 1.0.1	MIT
conformance-suites 1.0.2	MIT
conformance-suites 1.0.3	MIT
conformance-suites 2.0.0 2.0.0	MIT
core-tooltip 0.5.5	3-clause BSD license
cpp-build 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
d3 3.4.3 3.4.3	3-clause BSD license
d3 3.4.4 3.4.4	3-clause BSD license
d3 4.11.0 4.11.0	3-clause BSD license
data-tools 1.0-SNAPSHOT 1.0- SNAPSHOT	3-clause BSD license
demo 7.2.8-SNAPSHOT 7.2.8- SNAPSHOT	3-clause BSD license
easymock 2.2 2.2	MIT
easymockclassextension 2.2.1 2.2.1	MIT
ember ~2.6.0 ~2.6.0	MIT
ember 2.14.1 2.14.1	MIT
ember-cli-shims 0.1.1 0.1.1	MIT
specs 1.0.3 1.0.3	MIT
specs 2.0.0 2.0.0	MIT
spirv 1.0 1.0	LLVM Release License
spirv 1.1 1.1	LLVM Release License
spirv 1.2 1.2	LLVM Release License
sqlite 3.22.0 3.22.0	Public Domain
stuk-jszip N/A	MIT
taylorhakes-promise-polyfill 1.0.1	MIT
text-template 1.46 1.46	Artistic License,GPLv2
todomvc 0.0.0 0.0.0	MIT
todomvc-common 1.0.4	MIT
toji-gl-matrix 2.3.0	MIT
tools 1.0-SNAPSHOT 1.0- SNAPSHOT	Apache License, Version 2.0
twbs-bootstrap 3.2.0 3.2.0	MIT
twbs-bootstrap 3.3.7 3.3.7	MIT

Table 1. License details (continued)

Component name	License type
underscore 1.5.1 1.5.1	MIT
virtyaluk-paper-ripple 1.0.9	3-clause BSD license
web-animations-web-animations-js 2.3.1	Apache License, Version 2.0
webcomponents 0.7.24 0.7.24	Zero-Clause BSD
webcomponents-lite 0.7.24 0.7.24	Zero-Clause BSD
Webcomponentsjs webcomponents/ webcomponentsjs#^0.7.24 0.7.24	Zero-Clause BSD
Webrtc 90	3-clause BSD license
Wikipedia 1.0.5	MIT,BSD
Xorg 9.0.3	MIT
zlib 1.1.4 1.1.4	Zlib License
ember-cli-shims 0.1.3 0.1.3	MIT
ember-cli-test-loader 0.2.2 0.2.2	MIT
ember-qunit-notifications 0.1.0 0.1.0	MIT
es6-map ^0.1.3 ^0.1.3	MIT
es6-weak-map ^2.0.1	ISC
esrecurse ^4.1.0 ^4.1.0	2-clause BSD license
expat 2.2.3 2.2.3	MIT
ffmpeg 3.4. 3.4.	LGPLv2.1,LGPLv3,GPLv3 , GPLv2
flatbuffers-java 1.6.0-SNAPSHOT 1.6.0- SNAPSHOT	Apache License, Version 2.0
flot 0.8.1 0.8.1	MIT
Aspell 0.60.6.1	LGPL
Enchant 1.6.0	LGPLv2.1
Libidn 1.33	LGPLv2.1
Gtkglext 1.2.0	LGPLv2.1
Libsecret 0.18.6	LGPLv2.1
Libxslt 1.1.32	MIT
icu 62	ICU
heimdal 7.5.0	BSD-3-clause
webkit2gtk 2.22.7	BSD
apr 1.6.3	Apache- 2.0
apr-util 1.6.1	Apache- 2.0
qt4-x11-free 4.8.7	LGPLv2.1
Libglu 9.0.0	MIT
Libpng 1.2.57	Libpng
libtasn1 4.13	LGPLv2.1
0-dns 1.0.0 1.0.0	MIT
addyosmani-google-signin 2.0.0	Apache- 2.0

Table 1. License details (continued)

Component name	License type
agent-base 4.3.0 4.3.0	MIT
agentkeepalive 3.5.2 3.5.2	MIT
ajv-keywords 2.1.1 2.1.1	MIT
alexei-sprintf.js 1.0.2	3-clause BSD license
ansi-styles 3.2.1 3.2.1	MIT
are-we-there-yet 1.1.5 1.1.5	ISC
argparse 1.0.10 1.0.10	MIT
asap 2.0.6 2.0.6	MIT
aws4 1.9.1 1.9.1	MIT
babel-polyfill 6.26.0 6.26.0	MIT
babel-runtime 6.26.0 6.26.0	MIT
bluebird 3.5.5 3.5.5	MIT
boxen 1.3.0 1.3.0	MIT
brace-expansion 1.1.11 1.1.11	MIT
cacache 9.3.0 9.3.0	CC0- 1.0
call-limit 1.1.1 1.1.1	ISC
capture-stack-trace 1.0.1 1.0.1	MIT
chownr 1.1.4	ISC
chrome-debug-launcher 0.1.0 0.1.0	3-clause BSD license
clone 1.0.4 1.0.4	MIT
clone 2.1.2 2.1.2	MIT
compatibility-test-deps 2.5.0 2.5.0	3-clause BSD license
compatibility-test-suite 2.5.0 2.5.0	3-clause BSD license
concat-stream 1.6.2 1.6.2	MIT
config-chain 1.1.12 1.1.12	MIT
configstore 3.1.2 3.1.2	2-clause BSD license
conformance-suites 1.0.0 1.1.0	MIT
conformance-suites 1.0.1 1.0.1	MIT
conformance-suites 1.0.2 1.0.2	MIT
conformance-suites 1.0.3 1.0.3	MIT
copy-concurrently 1.0.5 1.0.5	ISC
core-js 2.6.11 2.6.11	MIT
core-tooltip 0.5.5 0.5.5	BSD
dot-prop 4.2.0 4.2.0	MIT
end-of-stream 1.4.4 1.4.4	MIT
error-ex 1.3.2 1.3.2	MIT
es5-ext 0.10.53 0.10.53	ISC

Table 1. License details (continued)

Component name	License type
es6-promise 4.2.8 4.2.8	MIT
es6-symbol 3.1.3 3.1.3	ISC
escodegen 1.14.1 1.14.1	2-clause BSD license
eslint 4.13.1 4.13.1	MIT
forked-underscore 1.5.1 1.5.1	MIT
HTMLImports 0.7.24 0.7.24	3-clause BSD license
iron-collapse PolymerElements/iron-collapse#^1.0.0 1.0.0	3-clause BSD license
jquery.debounce 1.1 1.1	GNU GENERAL PUBLIC LICENSE Version 2
jquery.json 2.2 2.2	MIT
jsonstream 1.3.5 1.3.5	MIT
MutationObserver 0.7.24 0.7.24	3-clause BSD license
scoped-underscore 1.3.1 1.3.1	MIT
ShadowDOM 0.7.24 0.7.24	3-clause BSD license
webgl-conformance-test-runner 0.1.0 0.1.0	MIT
webui-node-modules 1.0.0 1.0.0	ICU
i18next 19.3.3	MIT
Toybox 0.7.5	ISC
Libunwind 1.2.1	MIT
libusb-compat 0.1.5	LGPL,3-clause BSD license
OpenRC 0.42.1	BSD-2-clause
Mkdirp 0.5.4	MIT
Jszip 3.3.0	MIT,GPLv3
v4l-utils 1.16.0	LGPL v 2.1
libnss-nis 3.0	LGPL v 2.1
tiff 4.0.9	MIT
atkmm 2.24.2	LGPLv2.1 & GPLv2
gtkmm3 3.22.2	LGPLv2.1 & GPLv2
Cairomm 1.12.0	LGPLv2
Pangomm 2.24.0	LGPLv2.1
libsigc++-2.0 2.10.0	LGPLv2.1
gsettings-desktop-schemas 3.28.1	LGPLv2.1
util-linux 2.32.1	LGPL v2.1
Xz 5.2.4	GPLv2 GPLv3 LGPL v2.1
Jbigkit 2.1	GPLv2
sane-backends 1.0.27	GPLv2
libieee1284 0.2.11	GPLv2
Pstree 2.39	GPL

Table 1. License details (continued)

Component name	License type
libnotify-kqueue 20180201	MIT
lichid 40c6475e1a0b0c869baabe193	2-clause BSD license
jquery-i18n 1.0.1	GPL,MIT
jquery 3.3.1	MIT
llvm-project-release-9.x 9.0.1	Apache-2.0, LLVM
util-linux 2.32.1	GPLv2,LGPLv2.1,BSD
Zlib 1.04	Zlib License
Zlib 1.2.3	Zlib License
xserver-xorg-xwayland 1.20.3	MIT
libvpx 1.6.1	3-clause BSD license
vpnc-scripts 20190117	GPL
Libbsd 0.9.1	ISC,MIT,Beerware,BSD-2-clause,BSD- 3- clause,BSD-4-clause
Libtirpc 1.0.3	3-clause BSD license
Openldap 2.4.48	The OpenLDAP Public License
cairo 1.14.12	LGPL
dbus 1.12.10	Academic Free License v2.1
eudev 3.2.5	GPL
freetype2 2.9.1	BSD, GPLv2
fribidi 1.0.5	LGPL
Libcroco 0.6.12	LGPLv2
elfutils 0.175	3-Clause BSD License , MIT , BSD
libpng 1.6.36	PNG Reference Library License version 2
Libvorbis 1.3.6	3-clause BSD license
Opensc 0.18.0	LGPL
drm v5.0	MIT
freebsd/sys/compat/linuxkpi/ 12.1	2-clause BSD license
ttf-dejavu 2.37	MIT
pygobject-2.21.5.tar.gz 2.21.5	LGPL v2.1
Underscore 1.9.1	MIT
Jbigkit 2.1	GPLv2 jbigkit-2.1/COPYING
stefanpenner-es6-promise 4.2.8	MIT
xcb-util-keysyms 0.4.0	MIT
libglvnd 1.0.0	MIT, MESA, 3-clause BSD license
libbsd 0.9.1	2-clause BSD license, 3-clause BSD license, ISC , Expat, Beerware
lz4 1.8.2	2-clause BSD license
System 239	LICENSE.GPL2,LICENSE.LGPL2.1
Idapjs-client 0.1.1	MIT

Table 1. License details (continued)

Component name	License type
linux-4.19.99/drivers/net/wireless/ath 4.19.99	BSD
EDK2 stable202002	2-clause BSD license
Openssl 1.1.1d	OpenSSL,SSLeay License
dconf 0.36	LGPL- 2.1
aws4 1.10.0	MIT
bestiejs-punycode.js 1.0.0	MIT
bestiejs-punycode.js 1.4.1	MIT
bestiejs-punycode.js 1.4.1	MIT
bestiejs-punycode.js 2.0.0	MIT
bestiejs-punycode.js 2.1.1	MIT
bin-links 1.1.8	Artistic- 2.0
browserify-commonjs-assert v2.0.0	MIT
co 4.6.0	MIT
constellation-escape 3.6.0	2-clause BSD license
cowboy-jquery-hashchange 1.2	MIT
Customelements 0.7.24	3-clause BSD license
d 1.0.0	MIT
dojo 1.6.1	Academic Free License - v.2.1
err-code 1.1.1	MIT
es-shims-es5-shim v4.5.14	MIT
Encodegen 1.14.3	2-clause BSD license
esquery 1.3.1	3-clause BSD license
estaverse ^4.1.1	2-clause BSD license
estaverse 0.0.2	2-clause BSD license
expressjs-cors 1.11.3	MIT
font-roboto PolymerElements/font- roboto# ^1.0.0	3-clause BSD license
gerhobbelt-excanvas master	Apache License, Version 2.0
graceful-fs 4.2.4	ISC
iron-checked-element-behavior 1.0.6	3-clause BSD license
iron-form-element-behavior 1.0.7	3-clause BSD license
iron-location PolymerElements/iron- location# ^0.8.1	3-clause BSD license
iron-range-behavior 1.0.7	3-clause BSD license
iron-validatable-behavior 1.1.2	3-clause BSD license
joyent-node-assert-plus v1.1.0	MIT
js-yaml 3.14.0	MIT
jsonschema 1.2.6	MIT
jsonschema 1.3.1	Apache License, Version 2.0

Table 1. License details (continued)

Component name	License type
knockout-knockout 2.0.0	MIT
Minimist 1.2.5	MIT
Mkdirp 0.5.5	MIT
node-fetch-npm 2.0.4	MIT
Openssl 0.9.7l	Openssl license
Openssl 1.1.0h	Openssl License
parse5 6.0.0	MIT
polymer Polymer/polymer# ^0.5	3-clause BSD license
polymer Polymer/polymer# ^1.0.0	3-clause BSD license
polymer Polymer/polymer# ^1.1.0	3-clause BSD license
polymer Polymer/polymer# ^1.2.0	3-clause BSD license
polymer Polymer/polymer# ^1.2.1	3-clause BSD license
polymer Polymer/polymer# 1.2.4	3-clause BSD license
polymer Polymer/polymer# ^1.3.1	3-clause BSD license
polymer Polymer/polymer# 1.5.0	3-clause BSD license
polymer Polymer/polymer# ^1.6.0	3-clause BSD license
polymer Polymer/polymer# ~0.5.5	3-clause BSD license
polymer Polymer/polymer# 1.9 - 2	3-clause BSD license
regenerator 5 0.14.5	MIT
Resolve 1.17.0	MIT
signal-exit 3.0.3	ISC
sstephenson-prototype 1.5.0	MIT
stefanpenner-es6-promise 4.1.1	MIT
web-animations-js web- animations/web- animations-js ^2.2.0	Apache License, Version 2.0
web-platform-tests-wpt merge_pr_24677	3-clause BSD license
gstreamer 0.10.36	LGPL V2
gst-plugins-good 0.10.31	LGPL V2.1
gst-plugins-base 0.10.36	LGPL v2
Delete	None
Delete	None
OpenSSL 1.0.2u	OpenSSL License
pulseAudio 11.1	LGPL
libasyncns 0.3	LGPL V2.1
libdatrie 0.2.12	LGPL V2.1
libthai 0.1.28	LGPL V2.1
libgraphite2 1.3.11- 2	LGPL v2.1
bzip2 1.0.6	4-clause BSD license

Table 1. License details (continued)

Component name	License type
expat 2.2.0	MIT
file 5.34	2-clause BSD license
jquery 1.7	MIT
transformer 1.15.2	Apache License, Version 2.0
less 530	GNU
ntp master-no- authornam	NTP License
libevent 2.1.5	3-clause BSD License
libevent 2.1.8	3-clause BSD License
perl 5.28	GNU , GPL v1
lua 5.3.5	MIT
lua 5.3.4	MIT
tarfile 0.9.0	MIT
zlib 1.0.4	Zlib License
zlib 1.2.8	Zlib License
type/chai 4.2.12	MIT
types/node 6.14.10	MIT
asn1 0.2.4	MIT
bestiejs-punycode.js 1.0.2	MIT
bestiejs-punycode.js 1.5.10	MIT
bestiejs-punycode.js 4.9.4	MIT
bestiejs-punycode.js 7.0.0	MIT
core-focusable Polymer/core- focusable# 0.5	3-clause BSD license
core-icon-button Polymer/core- icon- button# 0.5	3-clause BSD license
core-resizable Polymer/core- resizable# 0.5	3-clause BSD license
cowboy-jquery-hashchange 1.2	MIT and GPL- 2.0
encoding 0.1.13	MIT
jsonpointer 4.1.0	MIT
lodash 4.17.19	MIT
meant 1.0.2	MIT
parse5 6.0.1	MIT
polymer-webcomponentsjs 0.7.24	3-clause BSD license
remark-lint 6.0.6	MIT
remark-lint-blockquote-indentation 1.0.4	MIT
remark-lint-checkbox-character-style 1.0.4	MIT
remark-lint-code-block-style 1.0.4	MIT
remark-lint-definition-spacing 1.0.5	MIT
remark-lint-fenced-code-flag 1.0.4	MIT

Table 1. License details (continued)

Component name	License type
remark-lint-fenced-code-marker 1.0.4	MIT
remark-lint-file-extension 1.0.5	MIT
remark-lint-final-definition 1.0.4	MIT
remark-lint-final-newline 1.0.5	MIT
remark-lint-first-heading-level 1.1.5	MIT
remark-lint-hard-break-spaces 1.0.5	MIT
remark-lint-heading-style 1.0.4	MIT
remark-lint-maximum-line-length 1.2.2	MIT
remark-lint-no-auto-link-without-protocol 1.0.4	MIT
remark-lint-no-duplicate-definitions 1.0.6	MIT
remark-lint-no-file-name-articles 1.0.5	MIT
remark-lint-no-file-name-consecutive-dashes 1.0.5	MIT
remark-lint-no-file-name-outer-dashes 1.0.6	MIT
remark-lint-no-heading-content-indent 1.0.4	MIT
remark-lint-no-heading-indent 1.0.4	MIT
remark-lint-no-inline-padding 1.0.5	MIT
remark-lint-no-multiple-toplevel-headings 1.0.5	MIT
remark-lint-no-shell-dollars 1.0.4	MIT
remark-lint-no-shortcut-reference-image 1.0.4	MIT
remark-lint-no-table-indentation 1.0.5	MIT
remark-lint-no-tabs 1.0.4	MIT
remark-lint-no-unused-definitions 1.0.6	MIT
remark-lint-prohibited-strings 1.5.2	MIT
remark-lint-rule-style 1.0.4	MIT
remark-lint-strong-marker 1.0.4	MIT
remark-lint-table-cell-padding 1.0.5	MIT
remark-lint-table-pipes 1.0.4	MIT
request-request 0.12.0	Apache License, Version 2.0
request-request 0.6.0	Apache License, Version 2.0
request-request 0.6.1	Apache License, Version 2.0
request-request 0.7.0	Apache License, Version 2.0
request-request 0.8.2	Apache License, Version 2.0
safe-buffer 5.2.1	MIT
netmap 13.0	2-clause BSD license
jQuery 3.5.1	MIT
popper.js 1.14.3	MIT
console-tools 0.3.2	GPL

Table 1. License details (continued)

Component name	License type
gawk 4.2.1	GPLv3
grep 3.1	GPLv3
sed 4.2.2	GPLv3
openssl 1.1.1g	OpenSSL License
glibc 2.31	LGPL V2.1
Rtmpdump e79a07c8625b56ebb182c12343518faff4902de 7	LGPL
makefs 20100306	2-clause BSD license
Openssl-1.1.1g 1.1.1g	OpenSSL License
Jquery-3.5.1 3.5.1	MIT
async-validator 1.8.5	MIT
babel-helper-vue-jsx-merge-props 2.0.3	MIT
deepmerge 1.5.2	MIT
element-ui 2.13.2	MIT
fezvrasta-popper.js NA	MIT
fezvrasta-popper.js 1.14.3	MIT
json-patch-test-suite 1.1.0	Apache License, Version 2.0
Libselinux 3	Public Domain
normalize-wheel 1.0.1	3-clause BSD license
openssl 1.0.2u	OpenSSL License
openssl 1.0.2u- fips	OpenSSL License
openssl 1.1.0-fips- dev	Apache License, Version 2.0
pcre 8.39	3-clause BSD license
pcre 8.39	3-clause BSD license
protocolbuffers-protobuf NA	3-clause BSD license
resize-observer-polyfill 1.5.1	MIT
tcp_wrappers 7.6	3-clause BSD license
throttle-debounce 1.1.0	GNU GENERAL PUBLIC LICENSE Version 2
cjson 1.7.13	MIT
wget 1.19.5	GPL
bash 4.4	GNU GENERAL PUBLIC LICENSE Version 3
glibmm 2.56.0- 1	GNU GENERAL PUBLIC LICENSE Version 2
libdatrie 0.2.10- 7	LGPL- v2.1
libthai 0.1.27- 2	LGPL- v2.1
PCRE 8.39	3-clause BSD license
util-linux 2.31.1- 0.4	GPL- 2
libselinux 3.1	Public Domain
gcc-9.3.0/libstdc++-v3 9.3.0	LGPL v2.1

Table 1. License details (continued)

Component name	License type
bufferutil 4.0.1	MIT
ldap-filter 0.3.3	MIT
supports-color 7.2.0	MIT
tommath 0.41	Public Domain
jquery 3.1.0	MIT
madler-zlib 1.2.11	Zlib License
nghttp2 1.26.0	MIT
pcre 8.39	3-clause BSD license
vpnc-scripts 20190611	GPL
tpm2-tools 4.2	3-clause BSD license
tpm2-tss 2.4.1	2-clause BSD license
e2fsprogs-libuuid 1.45.6	3-clause BSD license
libuuid 1.2	3-clause BSD license
openconnect 8.1	LGPL
mesa 20.0.8	MIT
libdrm 2.4.101	MIT
boost 1.69.0	Boost Software License v1.0
cowboy-jquery-hashchange 1.3	MIT and GPL
highlight 9.12.0	3-clause BSD license
libpsl 0.21.0	MIT
madler-zlib 1.2.11	Zlib License
graphite 1.3.14	LGPL
libedit 20191231- 3.1	3-clause BSD license
nghttp2 1.36.0- 2	MIT
jszip 3.5.0	MIT
axios 0.19.2	MIT
csv-parse 4.12.0	MIT
express 4.17.1	MIT
jest 24.9.0	MIT
lodash 4.17.20	MIT
set-cookie-parser 2.4.6	MIT
tough-cookie 3.0.1	3-clause BSD license
xml2js 0.4.23	MIT
xml2js-xpath 0.10.0	ISC
libexpat-libexpat 2.2.0	MIT
pip 18	MIT
pypa-setuptools 50.3.1	MIT

Table 1. License details (continued)

Component name	License type
vstakhov-libucl 0.8.1	2-clause BSD license
@types/chai 4.2.13	MIT
@types/node 6.14.12	MIT
altgraph 0.12	MIT
aws4 1.10.1	MIT
beautifulsoup4 4.3.2	MIT
child-process-ext 2.1.1	ISC
cli-width 2.2.1	ISC
collect-all 1.0.4	MIT
configstore 3.1.5	2-clause BSD license
2-clause BSD license 3	Apache License, Version 2.0
coverage 3.7.1	Apache License, Version 2.0
Coverage 4.0.3	Apache License, Version 2.0
craigcitro-apitools 0.5.4	Apache License, Version 2.0
Crcmod 1.7	MIT
Cryptiles 3.1.4	3-clause BSD license
dot-prop 4.2.1	MIT
Esrecurse 4.3.0	2-clause BSD license
Funcsigs 0.4	Apache License, Version 2.0
gcs-oauth2-boto-plugin 1	Apache License, Version 2.0
gentle-fs 2.3.1	Artistic License 2.0
Gmock 1.7.0	3-clause BSD license
gnome-libxml2 2.9.8	MIT
google-flatbuffers 1.12.0	Apache License, Version 2.0
google-googletest 1.6.0	3-clause BSD license
google-googletest 1.7.0	3-clause BSD license
google-googletest 1.8.0	3-clause BSD license
google-oauth2client 2.2.0	Apache License, Version 2.0
gradle 2.3.0	Apache License, Version 2.0
Gsutil 4.54	Apache License, Version 2.0
Hoek 4.2.1	3-clause BSD license
httplib2 0.18.1	MIT
httplib2-httplib2 0.18.1	MIT
Httppretty 1.0.2	MIT
Interpret 1.4.0	MIT
iron-checked-element-behavior 1.0.5	3-clause BSD license
iron-location PolymerElements/iron-location 2.0.3	3-clause BSD license

Table 1. License details (continued)

Component name	License type
iron-range-behavior 2.0.0	3-clause BSD license
iron-scroll-target-behavior 1.1.0	3-clause BSD license
iron-scroll-target-behavior PolymerElements/iron-scroll-target-behavior 1.1.1	3-clause BSD license
iron-scroll-target-behavior PolymerElements/iron-scroll-target-behavior 1.1.0	3-clause BSD license
is-my-json-valid 2.20.5	MIT
is-promise 2.2.2	MIT
jackson-core 2.4.3	Apache License, Version 2.0
Jschema 1.2.11	MIT
JUnit 4	Eclipse Public License
JUnit 4	Eclipse Public License
kennethreitz-requests 2.7.0	Apache License, Version 2.0
kislyuk-argcomplete 1.8.2	Apache License, Version 2.0
libuv-libuv 1.20.3	MIT
Lodash 4.17.20	MIT
marked 0.3.6	MIT
mime-types 2.1.27	MIT
Mock 1.0.1	2-clause BSD license
Mock 4.0.2	2-clause BSD license
Modulegraph 0.12.1	MIT
Mox 0.5.3	Apache License, Version 2.0
ndparker-rcssmin 1.0.5	Apache License, Version 2.0
ndparker-rjsmin 1.0.12	Apache License, Version 2.0
nodejs-node 15.0.1	MIT
npm-node-semver 5.3.0	ISC
npm-node-semver 5.4.1	ISC
oauth2client 4.1.3	Apache License, Version 2.0
Ordereddict 1	MIT
petkaantonov-bluebird 3.5.0	MIT
Pexpect 2.3	PEXPECT LICENSE
pnpnpn-retry-decorator 1.0.0	MIT
polymerelements-paper-button 1.0.15	3-clause BSD license
protobuf- java 3.0.0	2-clause BSD license
Py 1.4.12	MIT
pyasn1 0.0.8a	3-clause BSD license
pyasn1 0.4.8	3-clause BSD license
Pyopenssl 19.1.0	Apache License, Version 2.0

Table 1. License details (continued)

Component name	License type
Pytest 2.3.4	MIT
pytest-cov 1.8.1	MIT
Pyyaml 5.3.1	MIT
raszi-node-tmp 0.0.33	MIT
read-package-json 2.1.2	ISC
Regenerator 0.14.1	MIT
remark- lint 6.0.1	MIT
remark-lint-blockquote-indentation 1.0.1	MIT
remark-lint-checkbox-character-style 1.0.1	MIT
remark-lint-checkbox-content-indent 1.0.1	MIT
remark-lint-code-block-style 1.0.1	MIT
remark-lint-definition-spacing 1.0.1	MIT
remark-lint-fenced-code-flag 1.0.1	MIT
remark-lint-fenced-code-marker 1.0.1	MIT
remark-lint-file-extension 1.0.1	MIT
remark-lint-final-definition 1.0.1	MIT
remark-lint-final-newline 1.0.1	MIT
remark-lint-first-heading-level 1.1.1	MIT
remark-lint-hard-break-spaces 1.0.2	MIT
remark-lint-heading-style 1.0.1	MIT
remark-lint-maximum-line-length 1.0.2	MIT
remark-lint-no-auto-link-without- protocol 1.0.1	MIT
remark-lint-no-duplicate-definitions 1.0.1	MIT
remark-lint-no-file-name-articles 1.0.1	MIT
remark-lint-no-file-name-consecutive- dashes 1.0.1	MIT
remark-lint-no-file-name-outer-dashes 1.0.2	MIT
remark-lint-no-heading-content-indent 1.0.1	MIT
remark-lint-no-heading-indent 1.0.1	MIT
remark-lint-no-inline-padding 1.0.1	MIT
remark-lint-no-multiple-toplevel- headings 1.0.1	MIT
remark-lint-no-shell-dollars 1.0.1	MIT
remark-lint-no-shortcut-reference-image 1.0.1	MIT
remark-lint-no-table-indentation 1.0.1	MIT
remark-lint-no- tabs 1.0.1	MIT
remark-lint-no-unused-definitions 1.0.1	MIT
remark-lint-prohibited-strings 1.0.3	MIT
remark-lint-rule-style 1.0.1	MIT

Table 1. License details (continued)

Component name	License type
remark-lint-strong-marker 1.0.1	MIT
remark-lint-table-cell-padding 1.0.1	MIT
remark-lint-table-pipes 1.0.1	MIT
request-request 2.83.0	Apache License, Version 2.0
requirejs-requirejs 2.1.9	MIT
retry_decorator 1.1.1	MIT
Rsa 3.1.4	Apache License, Version 2.0
run-async 2.3.0	MIT
run-async 2.4.1	MIT
safe-buffer 5.0.1	MIT
servlet-api 2.5	CDDL
Shelljs 0.8.4	3-clause BSD license
Simplejson 3.5.2	MIT
Simplejson 3.6.5	MIT
Six 1.15.0	MIT
Sntp 2.1.0	3-clause BSD license
Socksipy 0751726c3832fb77beb62660b7d0bc182204abd d	3-clause BSD license
socksipy-branch 1	3-clause BSD license
Sphinx 3.2.1	MIT
tim-kos-node-retry 0.10.1	MIT
tomerfiliba-tlsite 2013532901125d1d0aa1060873da37066b6bfbb 3	3-clause BSD license
unittest2 0.5.1	3-clause BSD license
vbabiy-pymox 7e0f63eb5f3e955acc0e5d9a228ab932b4a8519 b	Apache License, Version 2.0
web-animations-js web- animations/web- animations-js 2.2.2	Apache License, Version 2.0
webapp2 2 2.5	Apache License, Version 2.0
Webcomponents 0.7.24	3-clause BSD license
Webob 1.5.0a0	MIT
Wheel 0.35.1	MIT
Paramiko 2.7.0	LGPL- 2.1
polymer Polymer/polymer 1.11.2	3-clause BSD license
Pylint 2.6.0	GPL- 2.0
Tox 3.20.1	MIT
nose 1.3.3 1.3.3	LGPL
Acpica 20180508	3-clause BSD license
angular-ui-bootstrap 0.11.0	MIT
Assimp 4.1.0	3-clause BSD license

Table 1. License details (continued)

Component name	License type
Babeltrace 1.5.6	MIT
Bind 9.11.5- P4	ISC
carhartl-jquery-cookie 1.4.0	MIT
Crda 3	ISC
dos2unix 7.4.0	2-clause BSD license
Heimdal NA	3-clause BSD license
lputils s20180629	3-clause BSD license
Jqueryui 1.11.4	MIT
json-c 0.13.1	MIT
Jsrender 0.9.78	MIT
khronosgroup-vulkan- loaderandvalidationlayers 1.1.73.0	Apache License, Version 2.0
Libepoxy 1.5.2	MIT
Libva 2.2.0	MIT
libva-utils 2.2.0	MIT
libva- utils 2.4.0	MIT
lttng-ust 2.10.3	MIT
mobile-broadband-provider- info 20170310	Public Domain
ninja-build-ninja 1.8.2	Apache License, Version 2.0
opensuse-libsolv 0.6.35	3-clause BSD license
p11-glue-p11-kit 0.23.14	3-clause BSD license
pbzip2 1.1.13	3-clause BSD license
Ppp 2.4.7	4-clause BSD license
rpcsvc-proto 1	3-clause BSD license
saschawillems-vulkan NA	MIT
tianocore-edk2 NA	2-clause BSD license
tias-xinput_calibrator 0.7.5	MIT
tmux 2	ISC
twbs-bootstrap 3.3.6	MIT
Virglrenderer 0.7.0	MIT
voidlinux-musl-fts 1	3-clause BSD license
Wayland 1.16.0	MIT
wayland-protocols 1.16	MIT
wireless-regdb 2018.05.31	ISC
xinetd-org-xinetd 2.3.15	xinetd License
xsettings-daemon 0.0.2	MIT
Vim 8.1.0347	VIM
opencore-libp11 0.4.7	LGPL- 2.1

Table 1. License details (continued)

Component name	License type
yocto-kernel-tools 4.18	GNU GENERAL PUBLIC LICENSE Version 2
vdpa-video 0.7.4	GNU GENERAL PUBLIC LICENSE Version 2
libtiff-4.1.0 4.1.0	MIT
Crda 3.18	ISC
sqlite-3.33.0 3.33.0	Public Domain
Gyp 0.1	MIT
types/chai 4.2.14	MIT
types/node 4.9.5	MIT
types/node 6.14.13	MIT
dpranke-typ 0.11.0	Apache License, Version 2.0
gl-matrix 2.3.2	MIT
iron-scroll-target-behavior PolymerElements/iron-scroll-target-behavior 2.0.0	3-clause BSD license
jQuery - NuGet 1.11.1	MIT
Jschema 1.4.0	MIT
madler-zlib 1.1.4	Zlib License
npm-user-validate 1.0.1	2-clause BSD license
polymer-polymer 1.10.1	3-clause BSD license
promise-polyfill 1.0.1	Apache License, Version 2.0
python-gflags 2.0	3-clause BSD license
python-paste 2.0.2	MIT
python-rsa 2.0	Apache License, Version 2.0
python-rsa 1.3.3	Apache License, Version 2.0
python27-python-six 1.9.0	MIT
Resolve 1.18.1	MIT
socksipy-branch 1.02	3-clause BSD license
tomerrliba-tlsite 0.4.8	3-clause BSD license
vbabiy-pymox 0.5.1	Apache License, Version 2.0
webapp2 2.5.1	Apache License, Version 2.0
webcomponentsjs webcomponents/webcomponentsjs 0.7.24	3-clause BSD license
FAMFAMFAM Silk Icons 1.3	CC Attribution 2.5
LibJPEG 6b	IJG
Nose 1.3.7	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
Paramiko 2.7.2	GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
python27-python-simplejson 2.1.0	MIT
web-platform-tests-wpt merge_pr_26312	3-clause BSD license
Wget 1.20.3	GPLv3
Expat 2.2.9	MIT

Table 1. License details (continued)

Component name	License type
json-patch-test-suite 1.1.0	Apache License, Version 2.0
Libssl 1.1	OpenSSL/SSLeay License
acl/libacl 2.2.48	LGPL and GPL
Libarchive 3.4.3	2-clause BSD license
[Modify] kernel/src/contrib/file/* BSD 12.0	2-clause BSD license
[Modify] freeBSD 12.0 12.0	4-clause BSD license and 2-clause BSD license
[Modify] kernel/src/contrib/bzip2 BSD 1.0 / bzip2 1.0.6	4-clause BSD license
[Modify] kernel/src/contrib/expat 1.2.0BSD12.0 / expat 2.2.0	MIT
[Modify] wpa_supplicant 2.6 2.6	Zero-Clause BSD
openssl/crypto 1.1.1g	OpenSS/SSLeay License
glibc/math 2.31	LGPLv2.1
Pexpect 4.6	ISC
FreeBSD 13 699a0bd892e1a014b95681b6	2-clause BSD license
[Modify] kernel/src/contrib/ntp/sntp/libevent BSD 12.0 / libevent 2.1.5	3-clause BSD license
madler- zlib 1.0.4	Zlib License
aws4 1.11.0	MIT
gcs-oauth2-boto-plugin 1.14	Apache License, Version 2.0
Ordereddict 1.1	MIT
SocksiPy-branch 1.01	3-clause BSD license
Sphinx 3.3.0	MIT
Lodash 4.17.20 4.17.20	MIT
Tumx 2.6	ISC
Mkdirp 1.0.4	MIT
pac-proxy-agent 1.0.4	MIT
boostorg-build 4.3.0	Boost Software License - Version 1.0
cyrusimap-cyrus-sasl 2.1.27	3-clause BSD license
json-perl 2.97001	Artistic License 1.0
[Modify] cyrusimap-cyrus-sasl 2.1.27	3-clause BSD license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
[Modify] cyrusimap-cyrus-sasl 2.1.27	BSD 3-clause license
Weston 9.0.0	MIT

Table 1. License details (continued)

Component name	License type
wayland-utils 1.0.0	MIT
wayland-protocols 1.20	MIT
Wayland 1.18.0	MIT
xorg-server 1.20.10	MIT
Ini 1.3.0	MIT
Ini 1.3.8	MIT
Cups 2.3.3	Apache License, Version 2.0
Libglu 9.0.1	SGI-B-1.1 AND SGI-B- 2.0
p11-kit 0.23.22	3-clause BSD license
Libopts 27.6	Lgpl- v2.1
Errno 0.1.8	MIT
Httpretty 1.0.5	MIT
js-yaml 3.14.1	MIT
mime-types 2.1.28	MIT
Pyopenssl 20.0.1	Apache License, Version 2.0
Pyyaml 5.4.1	MIT
Resolve 1.19.0	MIT
Sphinx 3.4.3	2-clause BSD license
Wheel 0.36.2	MIT
y18n 3.2.2	ISC
v8 6.6.346	3-clause BSD license
lwlwifi 5.10.4	3-clause BSD license
iwlwifi-9000-pu-b0-jf-b0-46.ucode 46	3-clause BSD license
iwlwifi-QuZ-a0-hr-b0-48.ucode 48	3-clause BSD license
iwlwifi-7265D-22.ucode 22	3-clause BSD license
firmware-6.bin 3.0	3-clause BSD license
board-2.bin 3.0	3-clause BSD license
Webkitgtk 2.30.4	2-clause BSD license
iwlwifi-9000-pu-b0-jf-b0-38.ucode 38	3-clause BSD license
OpenVPN 2.5.1	GPL- v2
wpebackend-fdo 1.8.0	2-clause BSD license
Libwpe 1.8.0	2-clause BSD license
Enchant 2.2.15	GNU LESSER GENERAL PUBLIC LICENSE- v2.1
openssl-1.1.1j 1.1.1j	The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.
Apexcharts 3.23.1	MIT
vue-apexcharts 1.5.1	MIT

Table 1. License details (continued)

Component name	License type
Xkbcommon 1.0.3	MIT
types/chai 4.2.15	MIT
core-js 2.6.12	MIT
Debug 3.2.7	MIT
Esquery 1.4.0	3-clause BSD license
graceful-fs 4.2.6	ISC
httplib2 0.19.0	MIT
Ini 1.3.8	ISC
Lodash 4.17.21	MIT
mime-types 2.1.29	MIT
Mock 4.0.3	2-clause BSD license
requiresjs-requiresjs 2.1.9	MIT
Resolve 1.20.0	MIT
Sizzle 1.11.1	MIT
zloirock-core-js 3.9.1	MIT
Tox 3.23.0	MIT
Pylint 2.7.2	GPL- v2
Pylint 1.4.1	GPL- v2
openssl-1.1.1k 1.1.1k	OpenSSL License
DBus 1.12.20	Academic Free License version 2.1
Fontconfig 2.13.92	MIT
Svgalib 1.4.3	Public Domain
Qpdf 10.0.4	Apache License, Version 2.0
openldap-client 2.4.57	OpenLDAP Public License Version 2.8
Lcms 2.11	MIT
Libtiff 4.2.0	libtiff License
cups-filters 1.28.6	gpl- 2+
ghostpdl-ghostscript 9.06	GPLV3
gutenprint-gutenprint 5.3.3	GPL- V2
jbigkit-shared 2.1	GPL- V2
Libidn 1.35	GPL and LGPL
Libpaper 1.1.24+nmu4	GPL- v2
SOF v1.6.1	3-clause BSD license
postcss-merge-rules2 0.04	MIT
pac-proxy-agent 3.0.1	MIT
pac-resolver 3.0.0	MIT
Lodash 4.17.20	MIT

Table 1. License details (continued)

Component name	License type
acpi_lpit 1.0.0.0	2-clause BSD license
acpi_spmc 1.0.0.0	2-clause BSD license
gst-plugins-bad 1.14.5	LGPL- v2
foo2zjs 20161203_1	GPLv2+
foomatic-db 20201029	GPLv2
foomatic-db-engine 4.0.13,2	GPLv2
foomatic-db-hpijs 1.4	GPLv2
foomatic-filters 4.0.17_9	GPLv2
hp2xx 3.4.4_8	GPLv2+
Hplip 3.20.6	GPLV2,GPLV3
iwlwifi-QuZ-a0-hr-b0-59.ucode 59	3-clause BSD license
iwlwifi-ty-a0-gf-a0-59.ucode 59	3-clause BSD license
iwlwifi-QuZ-a0-jf-b0-59.ucode 59	3-clause BSD license
parcel-bundler 1.12.5	MIT
i18next-sync-fs-backend 1.1.1	MIT
Keysym 0.0.6	MIT
set-cookie-parser 2.4.8	MIT
Co 4.6.0	MIT
Debug 4.3.2	MIT
Degenerator 1.0.4	MIT
Degenerator 2.2.0	MIT
Netmask 1.0.6	MIT
Netmask 2.0.2	MIT
raw-body 2.4.1	MIT
Thunkify 2.1.2	MIT
get-uri 2.0.4	MIT
get-uri 3.0.2	MIT
Lodash 4.17.21	MIT
Electron 11.4.6- 1	MIT
Electron 11.4.6- 2	MIT
@type/chai 4.2.17	MIT
@type/chai 4.2.18	MIT
Glob 7.1.7	ISC
hosted-git-info 2.8.9	ISC
Httpretty 1.1.3	MIT
ignore-walk 3.0.4	ISC
npm-bundled 1.1.2	ISC

Table 1. License details (continued)

Component name	License type
path-parse 1.0.7	MIT
Pylint 2.8.2	GPL- v2
Sphinx 4.0.2	2-clause BSD license
Tox 3.23.1	MIT
Coverage 3.7	Zero-Clause BSD
multi-ini 2.1.2	MIT
liblz4 1.9.3.1	BSD 2- Clause , GPLv2
lzo2 2.10_1	GPLv2
easy-rsa 3.0.8	GPLv2
mqtt-with-proxy 2.4.9	MIT
libxml2 2.9.11	MIT
jpeg-turbo 2.0.6	3-clause BSD license
Png 1.6.37	Libpng License
Httpntlm 1.7.7	MIT
@types/chai 4.2.19	MIT
Pylint 2.9.0- dev1	GPL- v2
Libhiredis 0.13.0	3-clause BSD license
gst-plugins-bad 1.14.5	LGPL- v2
@types/chai 2.0.2	MIT
@types/cssbeautify 0.3.2	MIT
Pylint 2.9.5	GPL- v2
Sphinx 4.1.1	2-clause BSD license
Tox 3.24.0	MIT
freebsd/pkg 1.15.10	2-clause BSD license
Xkbcommon 1.0.3	MIT / X11
Meson 0.49.2	Apache License, Version 2.0
mqtt-with-proxy 2.4.10	MIT
Ini 1.3.8	ISC
Axios 0.21.1	MIT
node-forge 0.10.0	3-clause BSD license
freetype2 2.10.4	GPLv2+
node-forge 0.10.0	3-clause BSD license
GStreamer 1.15.90	LGPL- v2
gst-plugins-base 1.15.90	LGPL- v2
gst-plugins-good 1.15.90	LGPL- v2
gst-plugins-bad 1.15.90	LGPL- v2
gnome-keyring 3.28.0.2	LGPL-v2.1,GPL- v2

Table 1. License details (continued)

Component name	License type
Gcr 3.28.0	LGPL- 2
libcap-ng 0.7.7	LGPL-v2.1,GPL- v2
p11-kit 0.23	3-clause BSD license
mqtt-with-proxy 2.5.4	MIT
Ffmpeg 4.3.2	GPL-v2,LGPL- v2
Usbutils 014	GPL-v2 and GPL- v3
Usbutils 007	GPL- v2
iproute2 4.15.0	GPL- v2
Libmnl 1.0.4	LGPL- v2.1
Axios 0.21.4	MIT
libxml2 2.9.12	MIT
Libgcrypt 1.8.8	LGPL- v2.1
gst-plugins-bad 1.14.4	GNU LIBRARY GENERAL PUBLIC LICENSE Version 2
[Modified] openssl-1.1.1k 1.1.1k	OpenSSL and Original SSLeay License
ThinOS 9.1.1 [Modified] openssl 1.0.2t 1.0.2t	OpenSSL and Original SSLeay License
openssl-1.1.1d 1.1.1d	OpenSSL and Original SSLeay License
Pylint 2.10.2	GPL- v2
@type/chai 2.0.3	MIT
are-we-there-yet 1.1.7	ISC
are-we-there-yet 2.0.0	ISC
core-util-is 1.0.3	MIT
deep-is 0.1.4	MIT
graceful-fs 4.2.8	ISC
Httpretty 1.1.4	MIT
mime-types 2.1.32	MIT
Sphinx 4.1.2	2-clause BSD license
Tox 3.24.3	MIT
Wheel 0.37.0	MIT
Lldpd v1.0.8	ISC
libnuma1 2.0.11- 2.1	LGPL- v2.1
ocl-icd-libopencl1 2.2.11- 1	2-clause BSD license
Libigc 1.0.8517- 1	MIT
libigdgmm11 21.2.1- 1	MIT
intel-opencl-icd 21.36.20889- 1	MIT
libze-intel-gpu 21.36.20889- 1	MIT
libze-loader 1.4.1- 1	MIT
glmark2 0c90dd48df43a6b0db1d9aabc	GPL- v3

Table 1. License details (continued)

Component name	License type
@types/chai 4.2.22	MIT
appcompat-v7 23.3.0	Apache License, Version 2.0
ChromeDebug 613ec9be4615f8bd9cc7e8e18	3-clause BSD license
Design 26.1.0	Apache License, Version 2.0
Freezegun 1.1.0	Apache License, Version 2.0
Glob 7.2.0	ISC
Gradle 1.1.0	Apache License, Version 2.0
Gradle 3.0.0- beta2	Apache License, Version 2.0
guava-gwt 18.0	Apache License Version 2.0
httplib2 0.19.1	MIT
httplib2 0.20.1	MIT
JSON 20090211	JSON license
Mjsunit 3.7.0	3-clause BSD license
mime-types 2.1.33	MIT
Googleblog ee040fccc6ee54984fcb472f9	MIT and GPL- v2
@babel/polyfill 7.12.1	MIT
pyasn1-modules 0.2.8	2-clause BSD license
Pylint 2.11.1	GNU GENERAL PUBLIC LICENSE Version 2
Rsa 4.7.2	Apache License, Version 2.0
Runner 0.5	Apache License, Version 2.0
Setuptools 58.2.0	MIT
Six 1.16.0	MIT
Sphinx 4.2.0	MIT
sprintf-js 1.1.2	3-clause BSD license
stats_viewer 8.0.50727	3-clause BSD license
support-v13 23.3.0	Apache License, Version 2.0
Tar 4.4.19	ISC
Tox 3.24.4	MIT
Viewer b7a283db5a2d0471402b0e85a	3-clause BSD license
Webkit 2.30.6	3-clause BSD license
Lodash 3.10.1	MIT
Lodash 4.17.4	MIT
Gstreamer 1.16.3	GNU LIBRARY GENERAL PUBLIC LICENSE Version 2
gst-plugins-base 1.16.3	LGPL- v2
gst-plugins-good 1.16.3	LGPL- v2.1
gst-plugins-bad 1.16.3	GPL- v2
gst-plugins-ugly 1.16.3	LGPL- v2

Table 1. License details (continued)

Component name	License type
x264 0.160	GNU GENERAL PUBLIC LICENSE Version 2
Xss 1.0.10	MIT
Readline 1.3.0	3-clause BSD license
openssl-wrapper 0.3.4	MIT
Webkitgtk 2.30.6	MIT
iwlwifi-ty-a0-gf-a0.pnvm 1	3-clause BSD license
Webkitgtk 2.34.1	2-clause BSD license
httplib2 0.20.2	MIT
Paramiko 2.8	LGPL- v2.1
Pyyaml 6.0	MIT
Qw 1.0.2	ISC
wide-align 1.1.5	ISC
libcrypt-1.9.4 1.9.4	LGPL- v2.1
libv4l 1.18.0	LGPL- v2.1
Tiff 4.3.0	3-clause BSD license
Llvm 9.0.1	Apache License, Version 2.0
Tmux 2.6	ISC
Jansson 2.13.1	MIT
posix-uefi 5a71f6ae11acab1711d931718	MIT
edk2 stable202111	2-clause BSD license
VM2 3.9.5	MIT
mm-common 0.9.12	GPLv2
pac-resolver 5.0.0	MIT
pac-proxy-agent 5.0.0	MIT
ans1 0.2.6	MIT
Extsprintf 1.4.1	MIT
Jsprim 1.4.2	MIT
mime-types 2.1.34	MIT
pylint 2.12.1	GPLv2
rsa 4.8	Apache License, Version 2.0
setuptools 59.4.0	MIT
signal- exit 3.0.6	ISC
sphinx 4.3.1	MIT
paramiko 2.8.1	LGPLv2.1
is-my-json-valid 2.20.6	MIT
libunwind 12.0.1	Apache License v2.0 with LLVM Exceptions
lvgl 8.1.0	MIT

Table 1. License details (continued)

Component name	License type
lv_drivers 6.1	MIT
libsqlcipher.so.0.8.6 (libsqlcipher- 1.4.1-2) 3.4.1-2	Public Domain
intel- media 21.3.5	MIT and 3-clause BSD license
gmmlib 21.3.5	MIT
libva 2.13.0	MIT
bmake 20181221	3-clause BSD license
cunit 2.1-3	LGPL- 2.0
linux- yocto 4.18	GPLv2
openembedded- core 2021- 10.1	MIT and GPL v2
libva 2.12.0	MIT
libva- utils 2.12.0	MIT
expat 2.4.3	MIT

Python License

Topics:

- [A. HISTORY OF THE SOFTWARE](#)
- [B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON](#)

A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a nonprofit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Table 2. Python Releases Table

Release	Derived From	Year	Owner	GPL-compatible?(¹)
0.9.0 through 1.2	NA	1991-1995	CWI	yes
1.3 through 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes(²)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes

Table 2. Python Releases Table (continued)

Release	Derived From	Year	Owner	GPL-compatible?⁽¹⁾
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

1. GPL-compatible does not mean that we are distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others do not.
2. According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL. Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

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Other documentation files in the distribution are:

User documentation:

Table 4. License details

Components	Descriptions
install.txt	How to configure and install the IJG software.
usage.txt	Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.

Table 4. License details (continued)

Components	Descriptions
*.1	Unix-style man pages for programs (same info as usage.txt).
wizard.txt	Advanced usage instructions for JPEG wizards only.
change.log	Version-to-version change highlights.

Programmer and internal documentation:

Table 5. License details

Components	Descriptions
libjpeg.txt	How to use the JPEG library in your own programs.
example.c	Sample code for calling the JPEG library.
structure.txt	Overview of the JPEG library's internal structure.
filelist.txt	Road map of IJG files.
coderrules.txt	Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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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.

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REFERENCES

We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.

(Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <http://www.iijg.org/files/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

IJG JPEG 8 introduces an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this document is Revision 3. And a contributed document ISO/IEC JTC1/SC29/WG1 N 5799 with title "Evolution of JPEG", June/July 2011, Berlin, Germany.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from <http://www.ecma-international.org/publications/techreports/E-TR-098.htm>. A PostScript version of the JFIF document is available at <http://www.ijg.org/files/jfif.ps.gz>. There is also a plaintext version at <http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.

IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsr8d.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr8d.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at [rtfm.mit.edu](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/): <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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ACKNOWLEDGMENTS

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

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Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (also known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

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Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

FILE FORMAT WARS

The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies.

IJJ therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

Furthermore, the ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification.

There are currently distributions in circulation containing the name "libjpeg" which claim to be a "derivative" or "fork" of the original libjpeg, but don't have the features and are incompatible with formats supported by actual IJJ libjpeg distributions. Furthermore, they violate the license conditions as described under LEGAL ISSUES above. We have no sympathy for the release of misleading and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

TO DO

Version 8 is the first release of a new generation JPEG standard to overcome the limitations of the original JPEG specification. More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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Topics:

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If I write a module to add to a Program licensed under the EPL and distribute the object code of the module along with the rest of the Program, must I make the source code to my module available in accordance with the terms of the EPL?

What are my obligations if I copy source code obtained from Eclipse.org and licensed under the Eclipse Public License and include it in my product that I then distribute?

Does the EPL offer any warranty with regard to the Program?

This document does not have the answer to my question. How can I get my question answered?

Some open source software communities specify what they mean by a "derivative work". Does the Eclipse Foundation have a position on this?

Some free software communities say that linking to their code automatically means that your program is a derivative work. Is this the position of the Eclipse Foundation?

I'm a programmer not a lawyer, can you give me a clear cut example of when something is or is not a derivative work?

I am starting my own open source software project. Does the Eclipse Foundation allow me to use the EPL for my project?

Many Eclipse tools and wizards use code templates which are included in the application that is generated. Is the code generated by these tools considered a derivative work that must be licensed under the EPL?

What licenses are acceptable for third-party code redistributed by Eclipse projects? Is an OSI-compliant license a requirement for all third-party code redistributed by Eclipse projects?

Are the Eclipse Public License (EPL) 1.0 and the General Public License (GPL) compatible?

For dual-licensed projects, which license terms apply?

Frequently Asked Questions

What is the relationship between IBM's Common Public License (CPL) and the Eclipse Public License 1.0 (EPL)?

The Eclipse SDK codebase was originally distributed under the CPL. The EPL 1.0 was derived from CPL version 1.0. As a result, much of the information provided in the Common Public License (CPL) Frequently Asked Questions document is relevant to the EPL, as well. The purpose of this FAQ is to highlight the differences.

Why was the EPL 1.0 written?

The EPL 1.0 was written specifically for the Eclipse Foundation. First, it changes the Agreement Steward, formerly IBM for the CPL, to now be the Eclipse Foundation for the EPL. Second, it addresses concerns some Eclipse Foundation members had with how the CPL deals with possible patent litigation.

Specifically how does the EPL 1.0 differ from the CPL?

Section 7 of the CPL contained the following language:

"If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any

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The first sentence was removed in the EPL 1.0. Many members and prospective members believed that the first sentence was overly broad and viewed it as an inhibitor to the continued growth of the Eclipse eco-system. The second sentence remains unchanged in the EPL 1.0.

The current Eclipse Foundation Intellectual Property Policy further clarifies the general principles under which the Eclipse Foundation shall accept contributions, license contributions, license materials owned by the Eclipse Foundation, and manage other intellectual property matters.

What is the latest version of the EPL?

Version 2.0 is the latest version of the EPL. Please see the Eclipse Public License 2.0 FAQ.

Do all Eclipse Foundation members approve of the EPL?

Yes, the Eclipse Foundation membership approved the EPL 1.0 unanimously. Future members must agree to abide by the EPL and the Intellectual Property Policy as part of joining the Eclipse Foundation and signing the Eclipse Foundation Membership Agreement.

How and when will the Eclipse Foundation transition from the CPL to the EPL 1.0?

For details, see the CPL to EPL Transition Plan (.pdf) and the CPL to EPL Transition Plan FAQ.

Is the EPL approved by the Open Source Initiative (OSI)?

Yes, the EPL has been approved. Version 1.0 was approved in May 2004. See the complete list of OSI-approved licenses.

What is required for OSI license approval?

A license qualifies for OSI approval if it conforms to the OSI's "Open Source Definition" or "OSD." The OSD covers nine topics of concern. Chief among these is the requirement that a license not restrict any party from selling or giving away the software. Further, the Program must include source code, must allow distribution in source code as well as compiled form, and must allow modifications and derived works. Find more information on the OSD at opensource.org.

What are the business advantages of the Open Source model?

An Open Source community provides a way for individuals and companies to collaborate on projects that would be difficult to achieve on their own..

What are the technical advantages of the Open Source model?

The Open Source model has the technical advantage of turning users into potential co-developers. With source code readily available, users will help you debug quickly and promote rapid code enhancements. "Given a bit of encouragement, your users will diagnose problems, suggest fixes, and help improve the code far more quickly than you could unaided." (The Cathedral and the Bazaar, Eric Steven Raymond. See <http://tuxedo.org/~esr/writings/cathedral-bazaar/>)

How are the parties defined in the EPL 1.0?

There are two types of parties to the EPL 1.0. They are "Contributors" and "Recipients." Contributors include an initial Contributor, who is the person or entity that creates the initial code distributed under the EPL 1.0, and subsequent Contributors, who originate changes or additions to the code (the combination referred to as the "Program"). Any person or entity that redistributes the Program is also a Contributor. Recipients include anyone who receives the Program under the EPL, including Contributors.

Can a Contributor remain anonymous?

No. Except for those who simply redistribute the Program, each Contributor must identify itself as the originator of its Contribution in a way that later Recipients will be able to readily see.

What rights do Contributors grant Recipients under EPL?

Contributors license Recipients under the rights that they have in their Contributions.

Does the EPL allow me to take the Source Code for a Program licensed under it and include all or part of it in another program licensed under the GNU General Public License (GPL), Berkeley Software Distribution (BSD) license or other Open Source license?

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Can I take a Program licensed under the EPL, compile it without modification, and commercially license the result?

Yes. You may compile a Program licensed under the EPL without modification and commercially license the result in accordance with the terms of the EPL.

Do I need to include the source code for such Program with the object code distribution?

No. But you do need to include a statement that the source code is available from you and information on how to obtain it.

When I incorporate a portion of a Program licensed under the EPL into my own proprietary product distributed in object code form, can I use a single license for the full product, in other words, covering the portion of the Program plus my own code?

Yes. The object code for the product may be distributed under a single license as long as it references the EPL portion and complies, for that portion, with the terms of the EPL.

The EPL states that it can be changed by the Agreement Steward. Does a Contributor have the choice of redistributing a previously distributed Program under the old or the new version of the EPL?

While Contributions are licensed under the version of the License under which they are originally distributed, the EPL provides for the ability of any Contributor to choose between that version or a later version.

If I modify a Program licensed under the EPL, but never distribute it to anyone else, do I have to make my modifications available to others?

No. If you do not distribute the modified Program, you do not have to make your modifications available to others.

If I modify a Program licensed under the EPL and distribute the object code of the modified Program for free, must I make the source code available?

Yes. By distributing the modified Program, even if it is only a free version of the object code, you are obligated to make the source code to the modified Program available to others.

If I write a module to add to a Program licensed under the EPL and distribute the object code of the module along with the rest of the Program, must I make the source code to my module available in accordance with the terms of the EPL?

No, as long as the module is not a derivative work of the Program.

What are my obligations if I copy source code obtained from Eclipse.org and licensed under the Eclipse Public License and include it in my product that I then distribute?

Source code licensed under the EPL may only be redistributed under the EPL.

Does the EPL offer any warranty with regard to the Program?

No. The Program released under the EPL is provided on an "as is" basis, without warranties or conditions of any kind.

This document does not have the answer to my question. How can I get my question answered?

You may want to check the Eclipse Foundation Legal Frequently Asked Questions document to see if your question is answered there. If not, please send a note to the Eclipse Management Office and we will do our best to get back to you.

Some open source software communities specify what they mean by a "derivative work". Does the Eclipse Foundation have a position on this?

As described in article1(b)(ii) of the Eclipse Public License, "...Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program." The definition of derivative work varies under the copyright laws of different jurisdictions. The Eclipse Public License is governed under U.S. law. Under the U.S. Copyright Act, a "derivative work" is defined as "...a work based upon one or more preexisting works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which a work may be recast, transformed, or adapted. A work consisting of editorial revisions, annotations, elaborations, or other modifications which, as a whole, represent an original work of authorship, is a "derivative work". The Eclipse Foundation interprets the term "derivative work" in a way that is consistent with the definition in the U.S. Copyright Act, as applicable to computer software.

You will need to seek the advice of your own legal counsel in deciding whether your program constitutes a derivative work.

Some free software communities say that linking to their code automatically means that your program is a derivative work. Is this the position of the Eclipse Foundation?

No, the Eclipse Foundation interprets the term "derivative work" in a way that is consistent with the definition in the U.S. Copyright Act, as applicable to computer software. Therefore, linking to Eclipse project code might or might not create a derivative work, depending on all of the other facts and circumstances.

I'm a programmer not a lawyer, can you give me a clear cut example of when something is or is not a derivative work?

If you have made a copy of existing Eclipse code and made a few minor revisions to it, that is a derivative work. If you've written your own Eclipse Platform Plug-in with 100% your own code to implement functionality not currently in Eclipse, then it is not a derivative work. Scenarios between those two extremes will require you to seek the advice of your own legal counsel in deciding whether your program constitutes a derivative work.

For clarity, merely interfacing or interoperating with Eclipse Platform Plug-in APIs (without modification) does not make an Eclipse Platform Plug-in a derivative work.

I am starting my own open source software project. Does the Eclipse Foundation allow me to use the EPL for my project?

Yes. The EPL is an OSI-approved open source license and may be used unaltered by projects regardless of where they are hosted.

Many Eclipse tools and wizards use code templates which are included in the application that is generated. Is the code generated by these tools considered a derivative work that must be licensed under the EPL?

Unfortunately, there is no clear answer to this question. To the extent that the code generated by a wizard is purely functional in nature and therefore not the proper subject matter for copyright protection, it could be argued that it is not subject to copyright protection, and therefore is not a derivative work. An example of that type of code would include calls to APIs or other technical instructions which are dictated by functional or technical requirements. Moreover, to the extent the generated code is a very small part of the final overall work, there is an argument that such use would be *de minimis*, and the final product or application should not be considered to be a derivative work. Finally, to the extent developers who use the generated code make many changes and additions to the code, there is also an argument that the resultant application is not a derivative work. Of course, these are just arguments and not "bright line" tests, and therefore each position could be subject to differing viewpoints. The Eclipse Foundation cannot take a position on this issue, as it will ultimately be a question of the facts and circumstances associated with a particular use.

What licenses are acceptable for third-party code redistributed by Eclipse projects?

The Eclipse Foundation views license compatibility through the lens of enabling successful commercial adoption of Eclipse technology in software products and services. We wish to create a commercial ecosystem based on the redistribution of Eclipse software technologies in commercially licensed software products. Determining whether a license for third-party code is acceptable often requires the input and advice of The Eclipse Foundation's legal advisors.

Please see our list of the most common licenses approved for use by third-party code redistributed by Eclipse Foundation Projects. This list is not exhaustive. If you have any questions, please contact license@eclipse.org.

Is an OSI-compliant license a requirement for all third-party code redistributed by Eclipse projects?

The Eclipse Foundation fully supports the Open Source Initiative's certification of open source licenses, and the Eclipse Public License is certified as such. However, there are licenses for software content which meet The Eclipse Foundation's requirements for compatibility with the EPL and downstream commercial re-distribution that are not OSI certified, and Eclipse projects may make use of such licenses after review and approval by the Eclipse Foundation.

The reverse is also true: there are OSI-compliant licenses are not compatible with the EPL or do not permit downstream commercial re-distribution. Such licenses are not used by Eclipse projects.

Are the Eclipse Public License (EPL) 1.0 and the General Public License (GPL) compatible?

The EPL 1.0 and the GPL are not compatible in any combination where the result would be considered either: (a) a "derivative work" (which The Eclipse Foundation interprets consistent with the definition of that term in the U.S. Copyright Act) or (b) a work "based on" the GPL code, as that phrase is used in the GPLv2, GPLv3 or the GPL FAQ as applicable. Further, you may not combine EPL 1.0 and GPL code in any scenario where source code under those licenses are both the same source code module.

Based upon the position of the Free Software Foundation, you may not combine EPL 1.0 and GPL code in any scenario where linking exists between code made available under those licenses. The above applies to both GPL version 2 and GPL version 3.

For Eclipse projects which are dual-licensed, your file headers state that the code is being made available under two licenses. For example: "This program and the accompanying materials are made available under the terms of the Eclipse Public License v1.0 and Eclipse Distribution License v. 1.0 which accompanies this distribution." What is meant by the use of the conjunction "and"?

The code is being made available under both of the licenses. The consumer of the code can select which license terms they wish to use, modify and/or further distribute the code under.

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I appreciate your maintaining the version string guidelines as specified in the copyright. But I did not mean them to last as long as they did.

So, if you want, you may use any 2.N.* (N >= 3) version string for future xinetd versions that you release. Note that I am excluding the 2.2.* line; using that would only create confusion. Naming the next release 2.3.0 would put to rest the confusion about 2.2.1 and 2.1.8.*.

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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

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