



VOSS



**VOSS Automate
Open Source License Usage**

Release 21.4

Nov 29, 2023

Legal Information

- Copyright © 2023 VisionOSS Limited.
All rights reserved.
- This information is confidential. If received in error, it must be returned to VisionOSS ("VOSS"). Copyright in all documents originated by VOSS rests in VOSS. No portion may be reproduced by any process without prior written permission. VOSS does not guarantee that this document is technically correct or complete. VOSS accepts no liability for any loss (however caused) sustained as a result of any error or omission in the document.

DOCUMENT ID: 20231129171626

Contents

- 1 Introduction** **1**
 - 1.1 Components used by VOSS Solutions in the VOSS Automate application 1

- 2 License Usage by VOSS Automate Component** **2**
 - 2.1 Core Application (Python) 2
 - 2.2 Platform (Python) 5
 - 2.3 Portal (JavaScript) 6
 - 2.4 Self-service & Phone Based Registration (JavaScript) 9
 - 2.5 Licenses for Code in Binary Files 17

- 3 Ubuntu OS Licenses** **18**
 - 3.1 Open Source Licenses for Release 21.4 18

1. Introduction

1.1. Components used by VOSS Solutions in the VOSS Automate application

This document lists all open-source components used by VOSS Solutions in the VOSS Automate application.

LGPL implements the principle of weak copy left licensing. The LGPL license compels the disclosure and publishing of changes made to the original software. VOSS has not modified or customized any of the open source modules and is therefore has not compelled to disclose any source code.

2. License Usage by VOSS Automate Component

2.1. Core Application (Python)

Name	Version	License
Django	1.11.12	BSD License
Fuzzy	1.2.2	MIT License, Artistic License
Jinja2	2.10.1	BSD License
Markdown	2.6.11	BSD License
MarkupSafe	1.0	BSD License
Paste	2.0.3	MIT License
PyNaCl	1.4.0	Apache License 2.0
PyYAML	3.12	MIT License
Pygments	2.3.1	BSD License
amqp	2.2.2	BSD License
anyjson	0.3.3	BSD License
asn1crypto	1.4.0	MIT License
astroid	1.6.3	LGPL
backports.functools-lru-cache	1.6.1	MIT License
bcrypt	3.1.7	Apache Software License
billiard	3.5.0.3	BSD License
boltons	18.0.0	BSD License
certifi	2021.5.30	Mozilla Public License 2.0 (MPL 2.0)
cff	1.14.4	MIT License
chardet	3.0.4	GNU Library or Lesser General Public License (LGPL)
click	6.7	BSD License
cliff	2.11.0	Apache Software License
cmd2	0.8.4	MIT License
colorama	0.3.9	BSD License
colour	0.1.5	BSD License
configparser	4.0.2	MIT License

continues on next page

Table 1 – continued from previous page

Name	Version	License
contextlib2	0.6.0.post1	Python Software Foundation License
coverage	4.5.1	Apache Software License
cryptography	2.5	Apache Software License, BSD License
cssutils	1.0.2	GNU Library or Lesser General Public License (LGPL)
decorator	4.2.1	BSD License
django-cookies-samesite	0.9.0	BSD 3-Clause License
django-nose	1.4.5	BSD License
django-passwords	0.3.12	BSD License
django-ratelimit-backend	1.2	BSD License
djangoestframework	3.8.2	BSD License
docutils	0.14	Public Domain, Python Software Foundation License, BSD License, GNU General Public License (GPL)
dpath	1.4.2	MIT License
ecdsa	0.13	MIT
editdistance	0.4	MIT License
enum34	1.1.10	BSD License
et-xmlfile	1.0.1	MIT License
funcsigs	1.0.2	Apache Software License
functools32	3.2.3.post2	PSF license
generateDS	2.29.11	http://www.opensource.org/licenses/mit-license.php
gevent	1.2.2	MIT License
greenlet	0.4.13	MIT License
gunicorn	19.7.1	MIT License
httplib2	0.11.3	MIT License
idna	2.10	BSD License
importlib-metadata	2.1.1	Apache Software License
importlib-resources	3.3.1	Apache Software License
ipaddr	2.2.0	Apache Software License
ipaddress	1.0.23	Python Software Foundation License
jaraco.classes	2.0	MIT License
jaraco.collections	2.1	MIT License
jaraco.functools	2.0	MIT License
jaraco.text	3.2.0	MIT License
jdcal	1.4.1	BSD License
json-tools	0.4.1	MIT License
jsonpatch	1.23	BSD License
jsonpointer	2.0	BSD License
jsonschema	2.6.0	MIT License

continues on next page

Table 1 – continued from previous page

Name	Version	License
lazy-object-proxy	1.5.2	BSD License
logilab-common	1.4.1	LGPL
lxml	4.2.1	BSD License
mock	2.0.0	BSD License
more-itertools	5.0.0	MIT License
networkx	2.1	BSD License
nose	1.3.7	GNU Library or Lesser General Public License (LGPL)
nose-testconfig	0.10	Apache Software License
nosehtmloutput	0.0.5	Apache Software License
ntlm-auth	1.5.0	MIT License
openpack	2.1.1	MIT License
openpyxl	2.5.2	MIT License
paramiko	2.6.0	GNU Library or Lesser General Public License (LGPL)
pathlib2	2.3.5	MIT License
pbr	5.5.1	Apache Software License
polib	1.1.0	MIT License
prettytable	0.7.2	BSD License
pycparser	2.20	BSD License
pycrypto	2.6.1	Public Domain
pyelliptic	1.5.8	BSD
pyparsing	2.2.0	MIT License
pyperclip	1.8.1	BSD License
pytz	2018.4	MIT License
requests	2.26.0	Apache Software License
requests-ntlm	1.1.0	ISC License (ISCL)
requests-toolbelt	0.9.1	Apache Software License
scandir	1.10.0	BSD License
singledispatch	3.4.0.3	MIT License
six	1.15.0	MIT License
snowballstemmer	2.1.0	BSD License
sphinxcontrib-serializinghtml	1.1.3	BSD License
sphinxcontrib-websupport	1.1.2	BSD License
stevedore	1.31.0	Apache Software License
subprocess32	3.5.4	Python Software Foundation License
typing	3.7.4.3	Python Software Foundation License
ua-parser	0.10.0	Apache Software License
unicodcsv	0.14.1	BSD License

continues on next page

Table 1 – continued from previous page

Name	Version	License
urllib3	1.22	MIT License
vine	1.3.0	BSD License
wcwidth	0.2.5	MIT License
wrapt	1.12.1	BSD License
zipp	1.2.0	MIT License
zope.interface	5.2.0	Zope Public License

2.2. Platform (Python)

Name	Version	License
CherryPy	4.0.0	BSD
Click	7.0	BSD
Jinja2	2.10.1	BSD
MarkupSafe	1.0	BSD
Naked	0.1.31	MIT
PyNaCl	1.2.1	Apache License 2.0
PyYAML	3.12	MIT
asn1crypto	1.3.0	MIT
backports.ssl-match-hostname	3.7.0.1	Python Software Foundation License
bcrypt	3.1.4	Apache License, Version 2.0
certifi	2018.1.18	MPL-2.0
cffi	1.11.5	MIT
chardet	3.0.4	LGPL
cryptography	2.2.2	BSD or Apache License, Version 2.0
docker	3.7.0	Apache License 2.0
docker-pycreds	0.4.0	Apache License 2.0
duplicity	0.7.14	GPLv2
enum34	1.1.2	BSD License
envoy	0.0.3	MIT
fasteners	0.14.1	ASL 2.0
gevent	1.2.2	MIT
greenlet	0.4.13	MIT License
grequests	0.3.0	BSD
idna	2.6	BSD-like
ipaddress	1.0.19	Python Software Foundation License

continues on next page

Table 2 – continued from previous page

Name	Version	License
keyring	3.8	PSF and MIT
lockfile	0.12.2	MIT License
lvm2py	1.0	GPL-3.0 License
monotonic	1.5	Apache
paramiko	2.4.1	LGPL
pexpect	4.8.0	ISC license
prettytable	0.7.2	BSD (3 clause)
ptyprocess	0.7.0	ISC license
pyOpenSSL	17.5.0	Apache License, Version 2.0
pyasn1	0.1.9	BSD
pycparser	2.14	BSD
pycrypto	2.6.1	Public domain
pyelliptic	1.5.8	BSD
pymongo	3.12.0	Apache License, Version 2.0
python-iptables	0.14.0	Apache License, Version 2.0
pytz	2018.4	MIT
requests	2.18.4	Apache 2.0
shellescape	3.4.1	MIT license
simplejson	3.13.2	MIT License
six	1.11.0	MIT
urllib3	1.22	MIT
websocket-client	0.55.0	BSD

2.3. Portal (JavaScript)

Name	Version	License
@angular/animations	13.2.2	MIT
@angular/cdk	13.2.2	MIT
@angular/common	13.2.2	MIT
@angular/compiler	13.2.2	MIT
@angular/core	13.2.2	MIT
@angular/forms	13.2.2	MIT
@angular/platform-browser-dynamic	13.2.2	MIT
@angular/platform-browser	13.2.2	MIT
@angular/router	13.2.2	MIT
@babel/runtime-corejs3	7.17.2	MIT

continues on next page

Table 3 – continued from previous page

Name	Version	License
@fullcalendar/core	4.4.2	MIT
@fullcalendar/daygrid	4.4.2	MIT
@fullcalendar/interaction	4.4.2	MIT
@fullcalendar/timegrid	4.4.2	MIT
@ngrx/effects	13.0.2	MIT
@ngrx/entity	13.0.2	MIT
@ngrx/router-store	13.0.2	MIT
@ngrx/store	13.0.2	MIT
adler-32	1.2.0	Apache-2.0
adler-32	1.3.0	Apache-2.0
call-bind	1.0.2	MIT
cfb	1.2.1	Apache-2.0
chart.js	3.7.1	MIT
clone	2.1.2	MIT
codepage	1.14.0	Apache-2.0
commander	2.14.1	MIT
commander	2.17.1	MIT
core-js-pure	3.21.0	MIT
core-js	3.12.0	MIT
crc-32	1.2.1	Apache-2.0
cross-conf-env	1.2.1	MIT
cross-spawn	7.0.3	MIT
deep-equal	1.1.1	MIT
define-properties	1.1.3	MIT
eventemitter3	2.0.3	MIT
exit-on-epipe	1.0.1	Apache-2.0
extend	3.0.2	MIT
fast-diff	1.1.2	Apache-2.0
fflate	0.3.11	MIT
frac	1.1.2	Apache-2.0
function-bind	1.1.1	MIT
get-intrinsic	1.1.1	MIT
has-symbols	1.0.2	MIT
has-tostringtag	1.0.0	MIT
has	1.0.3	MIT
hex-to-hsl	1.0.2	ISC
hex-to-rgb	1.0.1	MIT
is-arguments	1.1.1	MIT

continues on next page

Table 3 – continued from previous page

Name	Version	License
is-date-object	1.0.5	MIT
is-regex	1.1.4	MIT
isexe	2.0.0	ISC
moment	2.29.1	MIT
monaco-editor	0.24.0	MIT
ngx-monaco-editor	12.0.0	MIT
object-hash	2.2.0	MIT
object-is	1.1.5	MIT
object-keys	1.1.1	MIT
parchment	1.1.4	BSD-3-Clause
parse5	5.1.1	MIT
path-key	3.1.1	MIT
primeflex	3.1.2	MIT
primeicons	5.0.0	MIT
primeng	13.2.0	MIT
printj	1.1.2	Apache-2.0
printj	1.2.3	Apache-2.0
printj	1.3.1	Apache-2.0
quill-delta	3.6.3	MIT
quill	1.3.7	BSD-3-Clause
regenerator-runtime	0.13.9	MIT
regexp.prototype.flags	1.4.1	MIT
rgb-to-hsl	0.0.2	MIT
rxjs	7.5.4	Apache-2.0
shebang-command	2.0.0	MIT
shebang-regex	3.0.0	MIT
ssf	0.11.2	Apache-2.0
tslib	2.3.1	0BSD
voss4uc	22.1.0	UNLICENSED
web-animations-js	2.3.2	Apache-2.0
which	2.0.2	ISC
wmf	1.0.2	Apache-2.0
word	0.3.0	Apache-2.0
xlsx	0.16.9	Apache-2.0
xregexp	4.4.1	MIT
zone.js	0.11.4	MIT

2.4. Self-service & Phone Based Registration (JavaScript)

Name	Version	License
bower	1.8.4	MIT License (MIT)
bower-npm-resolver	0.11.0	MIT License (MIT)
cacache	15.0.5	ISC License (ISC)
@npmcli/move-file	1.1.2	MIT License (MIT)
mkdirp	1.0.4	MIT License (MIT)
rimraf	3.0.2	ISC License (ISC)
chownr	2.0.0	ISC License (ISC)
fs-minipass	2.1.0	ISC License (ISC)
glob	7.1.6	ISC License (ISC)
fs.realpath	1.0.0	ISC License (ISC)
inflight	1.0.6	ISC License (ISC)
minimatch	3.0.4	ISC License (ISC)
brace-expansion	1.1.11	MIT License (MIT)
balanced-match	1.0.0	MIT License (MIT)
concat-map	0.0.1	MIT License (MIT)
path-is-absolute	1.0.1	MIT License (MIT)
infer-owner	1.0.4	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
minipass	3.1.3	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
minipass-collect	1.0.2	ISC License (ISC)
minipass-flush	1.0.5	ISC License (ISC)
minipass-pipeline	1.2.4	ISC License (ISC)
mkdirp	1.0.4	MIT License (MIT)
p-map	4.0.0	MIT License (MIT)
aggregate-error	3.1.0	MIT License (MIT)
clean-stack	2.2.0	MIT License (MIT)
indent-string	4.0.0	MIT License (MIT)
promise-inflight	1.0.1	ISC License (ISC)
rimraf	3.0.2	ISC License (ISC)
ssri	8.0.1	ISC License (ISC)
tar	6.1.0	ISC License (ISC)
minizlib	2.1.2	MIT License (MIT)
yallist	4.0.0	ISC License (ISC)
mkdirp	1.0.4	MIT License (MIT)

continues on next page

Table 4 – continued from previous page

Name	Version	License
yallist	4.0.0	ISC License (ISC)
unique-filename	1.1.1	ISC License (ISC)
unique-slug	2.0.2	ISC License (ISC)
escape-string-regexp	4.0.0	MIT License (MIT)
fs-write-stream-atomic	1.0.10	ISC License (ISC)
graceful-fs	4.1.11	ISC License (ISC)
iferr	0.1.5	MIT License (MIT)
imurmurhash	0.1.4	MIT License (MIT)
readable-stream	2.3.6	MIT License (MIT)
core-util-is	1.0.2	MIT License (MIT)
isarray	1.0.0	MIT License (MIT)
process-nextick-args	2.0.0	MIT License (MIT)
string_decoder	1.1.1	MIT License (MIT)
util-deprecate	1.0.2	MIT License (MIT)
lodash	4.17.20	MIT License (MIT)
mkdirp	0.5.1	MIT License (MIT)
minimist	0.0.8	MIT License (MIT)
packument	1.0.0	MIT License (MIT)
registry-auth-token	3.3.2	MIT License (MIT)
registry-url	3.1.0	MIT License (MIT)
simple-get	3.0.3	MIT License (MIT)
decompress-response	3.3.0	MIT License (MIT)
mimic-response	1.0.1	MIT License (MIT)
simple-concat	1.0.0	MIT License (MIT)
pacote	11.1.11	ISC License (ISC)
@npmcli/git	2.0.6	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
mkdirp	1.0.4	MIT License (MIT)
promise-retry	2.0.1	MIT License (MIT)
err-code	2.0.3	MIT License (MIT)
retry	0.12.0	MIT License (MIT)
semver	7.3.4	ISC License (ISC)
which	2.0.2	ISC License (ISC)
isexe	2.0.0	ISC License (ISC)
@npmcli/installed-package-contents	1.0.7	ISC License (ISC)
npm-bundled	1.1.1	ISC License (ISC)

continues on next page

Table 4 – continued from previous page

Name	Version	License
npm-normalize-package-bin	1.0.1	ISC License (ISC)
@npmcli/promise-spawn	1.3.2	ISC License (ISC)
@npmcli/run-script	1.8.4	ISC License (ISC)
@npmcli/node-gyp	1.0.2	ISC License (ISC)
node-gyp	7.1.2	MIT License (MIT)
env-paths	2.2.1	MIT License (MIT)
glob	7.1.6	ISC License (ISC)
graceful-fs	4.2.6	ISC License (ISC)
nopt	5.0.0	ISC License (ISC)
abbrev	1.1.1	ISC License (ISC)
npmlog	4.1.2	ISC License (ISC)
are-we-there-yet	1.1.5	ISC License (ISC)
delegates	1.0.0	MIT License (MIT)
console-control-strings	1.1.0	ISC License (ISC)
gauge	2.7.4	ISC License (ISC)
aproba	1.2.0	ISC License (ISC)
has-unicode	2.0.1	ISC License (ISC)
object-assign	4.1.1	MIT License (MIT)
signal-exit	3.0.2	ISC License (ISC)
string-width	1.0.2	MIT License (MIT)
code-point-at	1.1.0	MIT License (MIT)
is-fullwidth-code-point	1.0.0	MIT License (MIT)
number-is-nan	1.0.1	MIT License (MIT)
strip-ansi	3.0.1	MIT License (MIT)
ansi-regex	2.1.1	MIT License (MIT)
wide-align	1.1.3	ISC License (ISC)
set-blocking	2.0.0	ISC License (ISC)
request	2.88.2	Apache License 2.0 (Apache-2.0)
har-validator	5.1.5	MIT License (MIT)
ajv	6.12.6	MIT License (MIT)
fast-deep-equal	3.1.3	MIT License (MIT)
json-schema-traverse	0.4.1	MIT License (MIT)
uri-js	4.4.1	BSD 2-Clause "Simplified" License (BSD-2-Clause)
punycode	2.1.1	MIT License (MIT)
tough-cookie	2.5.0	BSD 3-Clause "New" or "Revised" License (BSD-3-Clause)
punycode	2.1.1	MIT License (MIT)
rimraf	3.0.2	ISC License (ISC)

continues on next page

Table 4 – continued from previous page

Name	Version	License
semver	7.3.4	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
which	2.0.2	ISC License (ISC)
read-package-json-fast	2.0.2	ISC License (ISC)
mkdirp	1.0.4	MIT License (MIT)
npm-package-arg	8.1.1	ISC License (ISC)
hosted-git-info	3.0.8	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
semver	7.3.4	ISC License (ISC)
npm-packlist	2.1.4	ISC License (ISC)
glob	7.1.6	ISC License (ISC)
ignore-walk	3.0.3	ISC License (ISC)
npm-pick-manifest	6.1.0	ISC License (ISC)
npm-install-checks	4.0.0	BSD 2-Clause "Simplified" License (BSD-2-Clause)
semver	7.3.4	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
semver	7.3.4	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
npm-registry-fetch	8.1.5	ISC License (ISC)
@npmcli/ci-detect	1.3.0	ISC License (ISC)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
make-fetch-happen	8.0.14	ISC License (ISC)
agentkeepalive	4.1.4	MIT License (MIT)
debug	4.3.1	MIT License (MIT)
ms	2.1.2	MIT License (MIT)
humanize-ms	1.2.1	MIT License (MIT)
http-cache-semantics	4.1.0	BSD 2-Clause "Simplified" License (BSD-2-Clause)
http-proxy-agent	4.0.1	MIT License (MIT)
@tootallnate/once	1.1.2	MIT License (MIT)
agent-base	6.0.2	MIT License (MIT)
debug	4.3.1	MIT License (MIT)
ms	2.1.2	MIT License (MIT)
https-proxy-agent	5.0.0	MIT License (MIT)

continues on next page

Table 4 – continued from previous page

Name	Version	License
is-lambda	1.0.1	MIT License (MIT)
lru-cache	6.0.0	ISC License (ISC)
yallist	4.0.0	ISC License (ISC)
promise-retry	2.0.1	MIT License (MIT)
retry	0.12.0	MIT License (MIT)
socks-proxy-agent	5.0.0	MIT License (MIT)
socks	2.5.1	MIT License (MIT)
ip	1.1.5	MIT License (MIT)
smart-buffer	4.1.0	MIT License (MIT)
minipass-fetch	1.3.3	MIT License (MIT)
encoding	0.1.13	MIT License (MIT)
iconv-lite	0.6.2	MIT License (MIT)
minipass-sized	1.0.3	ISC License (ISC)
minipass-json-stream	1.0.1	MIT License (MIT)
jsonparse	1.3.1	MIT License (MIT)
promise-retry	1.1.1	MIT License (MIT)
err-code	1.1.2	MIT License (MIT)
retry	0.10.1	MIT License (MIT)
read-package-json-fast	1.2.2	ISC License (ISC)
json-parse-even-better-errors	2.3.1	MIT License (MIT)
rimraf	3.0.2	ISC License (ISC)
glob	7.1.3	ISC License (ISC)
requireg	0.2.2	MIT License (MIT)
nested-error-stacks	2.0.1	MIT License (MIT)
rc	1.2.8	BSD 2-Clause "Simplified" License or MIT License or Apache License 2.0 ((BSD-2-Clause OR MIT OR Apache-2.0))
deep-extend	0.6.0	MIT License (MIT)
ini	1.3.5	ISC License (ISC)
strip-json-comments	2.0.1	MIT License (MIT)
resolve	1.7.1	MIT License (MIT)
path-parse	1.0.6	MIT License (MIT)
semver	7.3.2	ISC License (ISC)
tar-fs	2.1.0	MIT License (MIT)
chownr	1.1.4	ISC License (ISC)
mkdirp-classic	0.5.3	MIT License (MIT)
pump	3.0.0	MIT License (MIT)
end-of-stream	1.4.4	MIT License (MIT)

continues on next page

Table 4 – continued from previous page

Name	Version	License
once	1.4.0	ISC License (ISC)
wrappy	1.0.2	ISC License (ISC)
tar-stream	2.2.0	MIT License (MIT)
bl	4.1.0	MIT License (MIT)
buffer	5.7.1	MIT License (MIT)
base64-js	1.5.1	MIT License (MIT)
ieee754	1.2.1	BSD 3-Clause “New” or “Revised” License (BSD-3-Clause)
inherits	2.0.4	ISC License (ISC)
fs-constants	1.0.0	MIT License (MIT)
inherits	2.0.3	ISC License (ISC)
readable-stream	3.6.0	MIT License (MIT)
validate-npm-package-name	3.0.0	ISC License (ISC)
builtins	1.0.3	MIT License (MIT)
cookie-parser	1.4.3	MIT License (MIT)
cookie	0.3.1	MIT License (MIT)
cookie-signature	1.0.6	MIT License (MIT)
cuid	2.1.4	MIT License (MIT)
ejs	2.6.1	Apache License 2.0 (Apache-2.0)
express	4.16.4	MIT License (MIT)
accepts	1.3.5	MIT License (MIT)
negotiator	0.6.1	MIT License (MIT)
array-flatten	1.1.1	MIT License (MIT)
body-parser	1.18.3	MIT License (MIT)
bytes	3.0.0	MIT License (MIT)
http-errors	1.6.3	MIT License (MIT)
iconv-lite	0.4.23	MIT License (MIT)
safer-buffer	2.1.2	MIT License (MIT)
raw-body	2.3.3	MIT License (MIT)
content-disposition	0.5.2	MIT License (MIT)
content-type	1.0.4	MIT License (MIT)
debug	2.6.9	MIT License (MIT)
ms	2.0.0	MIT License (MIT)
depd	1.1.2	MIT License (MIT)
encodeurl	1.0.2	MIT License (MIT)
escape-html	1.0.3	MIT License (MIT)
etag	1.8.1	MIT License (MIT)
finalhandler	1.1.1	MIT License (MIT)

continues on next page

Table 4 – continued from previous page

Name	Version	License
unpipe	1.0.0	MIT License (MIT)
fresh	0.5.2	MIT License (MIT)
merge-descriptors	1.0.1	MIT License (MIT)
methods	1.1.2	MIT License (MIT)
on-finished	2.3.0	MIT License (MIT)
ee-first	1.1.1	MIT License (MIT)
parseurl	1.3.2	MIT License (MIT)
path-to-regexp	0.1.7	MIT License (MIT)
proxy-addr	2.0.4	MIT License (MIT)
forwarded	0.1.2	MIT License (MIT)
ipaddr.js	1.8.0	MIT License (MIT)
qs	6.5.2	BSD 3-Clause "New" or "Revised" License (BSD-3-Clause)
range-parser	1.2.0	MIT License (MIT)
safe-buffer	5.1.2	MIT License (MIT)
send	0.16.2	MIT License (MIT)
destroy	1.0.4	MIT License (MIT)
mime	1.4.1	MIT License (MIT)
serve-static	1.13.2	MIT License (MIT)
setprototypeof	1.1.0	ISC License (ISC)
statuses	1.4.0	MIT License (MIT)
type-is	1.6.16	MIT License (MIT)
media-typer	0.3.0	MIT License (MIT)
utils-merge	1.0.1	MIT License (MIT)
vary	1.1.2	MIT License (MIT)
lodash	4.17.11	MIT License (MIT)
minimist	1.2.0	MIT License (MIT)
q	1.5.1	MIT License (MIT)
request	2.88.0	Apache License 2.0 (Apache-2.0)
aws-sign2	0.7.0	Apache License 2.0 (Apache-2.0)
aws4	1.8.0	MIT License (MIT)
caseless	0.12.0	Apache License 2.0 (Apache-2.0)
combined-stream	1.0.7	MIT License (MIT)
delayed-stream	1.0.0	MIT License (MIT)
extend	3.0.2	MIT License (MIT)
forever-agent	0.6.1	Apache License 2.0 (Apache-2.0)
form-data	2.3.3	MIT License (MIT)
asynckit	0.4.0	MIT License (MIT)
har-validator	5.1.0	ISC License (ISC)

continues on next page

Table 4 – continued from previous page

Name	Version	License
ajv	5.5.2	MIT License (MIT)
co	4.6.0	MIT License (MIT)
fast-deep-equal	1.1.0	MIT License (MIT)
fast-json-stable-stringify	2.0.0	MIT License (MIT)
json-schema-traverse	0.3.1	MIT License (MIT)
har-schema	2.0.0	ISC License (ISC)
http-signature	1.2.0	MIT License (MIT)
assert-plus	1.0.0	MIT License (MIT)
jsprim	1.4.1	MIT License (MIT)
extsprintf	1.3.0	MIT License (MIT)
json-schema	0.2.3	AFLv2.1 AND BSD
verror	1.10.0	MIT License (MIT)
sshpk	1.15.2	MIT License (MIT)
asn1	0.2.4	MIT License (MIT)
bcrypt-pbkdf	1.0.2	BSD 3-Clause “New” or “Revised” License (BSD-3-Clause)
dashdash	1.14.1	MIT License (MIT)
ecc-jsbn	0.1.2	MIT License (MIT)
getpass	0.1.7	MIT License (MIT)
jsbn	0.1.1	MIT License (MIT)
tweetnacl	0.14.5	The Unlicense (Unlicense)
is-typedarray	1.0.0	MIT License (MIT)
isstream	0.1.2	MIT License (MIT)
json-stringify-safe	5.0.1	ISC License (ISC)
mime-types	2.1.21	MIT License (MIT)
mime-db	1.37.0	MIT License (MIT)
oauth-sign	0.9.0	Apache License 2.0 (Apache-2.0)
performance-now	2.1.0	MIT License (MIT)
tough-cookie	2.4.3	BSD 3-Clause “New” or “Revised” License (BSD-3-Clause)
psl	1.1.29	MIT License (MIT)
punycode	1.4.1	MIT License (MIT)
tunnel-agent	0.6.0	Apache License 2.0 (Apache-2.0)
uuid	3.3.2	MIT License (MIT)
winston	2.4.4	MIT License (MIT)
async	1.0.0	MIT License (MIT)
colors	1.0.3	MIT License (MIT)
cycle	1.0.3	Public-Domain
eyes	0.1.8	MIT License (MIT)
stack-trace	0.0.10	MIT License (MIT)

continues on next page

Table 4 – continued from previous page

Name	Version	License
winston-syslog	1.2.6	MIT License (MIT)
glossy	0.1.7	MIT License (MIT)

2.5. Licenses for Code in Binary Files

Code from the following applications is used in VOSS Automate binaries. The application licenses are therefore included in full.

2.5.1. django-mongodb-cache

Copyright (c) <2011>, Jonas Haag <jonas@lophus.org>

<https://github.com/django-mongodb-engine/mongodb-cache>

All rights reserved.

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

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

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

3. Ubuntu OS Licenses

3.1. Open Source Licenses for Release 21.4

Table 1: Automate Ubuntu Open Source Licenses

Name	Version	Licenses
accountsservice	0.6.45-1ubuntu1	GPL-2+ GPL-3+
adduser	3.116ubuntu1	GPL-2
amd64-microcode	3.20191021.1+re-ally3.20181128.1~ubuntu0.	upstream: AMD
apparmor	2.12-4ubuntu5.1	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
apt	1.6.12	GPL-2
apt-utils	1.6.12	GPL-2
aptitude	0.8.10-6ubuntu1	GPL-2+
aptitude-common	0.8.10-6ubuntu1	GPL-2+
base-files	10.1ubuntu2.8	GPL
base-passwd	3.5.44	GPL-2
bash	4.4.18-2ubuntu1.2	GPL-3
bind9-host	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
binutils	2.30-21ubuntu1~18.04.2	GFDL GPL LGPL
binutils-common:amd64	2.30-21ubuntu1~18.04.2	GFDL GPL LGPL
binutils-x86-64-linux-gnu	2.30-21ubuntu1~18.04.2	GFDL GPL LGPL
bsdmainutils	11.1.2ubuntu1	BSD-Lite
bsdutils	1:2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
btrfs-progs	4.15.1-1build1	GPL-2 GPL-2+ TLP-4
btrfs-tools	4.15.1-1build1	GPL-2 GPL-2+ TLP-4
build-essential	12.4ubuntu1	GPL
busybox-initramfs	1:1.27.2-2ubuntu3.2	GPL-2
busybox-static	1:1.27.2-2ubuntu3.2	GPL-2

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
bzip2	1.0.6-8.1ubuntu0.2	GPL-2
ca-certificates	20180409	GPL-2+ MPL-2.0
console-setup	1.178ubuntu2.9	GPL-2
console-setup-linux	1.178ubuntu2.9	GPL-2
coreutils	8.28-1ubuntu1	GPL-3
cpio	2.12+dfsg-6ubuntu0.18.04.1	GPL-3
cpp	4:7.4.0-1ubuntu2.3	GPL
cpp-7	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
cracklib-runtime	2.9.2-5build1	LGPL-2.1
crda	3.18-1build1	ISC copyleft-next-0.3.0
cron	3.0pl1-128.1ubuntu1	Artistic GPL-2+ ISC Paul-Vixie's-license
cryptsetup	2:2.0.2-1ubuntu1.1	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ LGPL-2.1+ public-domain
cryptsetup-bin	2:2.0.2-1ubuntu1.1	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ LGPL-2.1+ public-domain
curl	7.58.0-2ubuntu3.8	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
dash	0.5.8-2.10	GPL
dbus	1.12.2-1ubuntu1.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1, Tcl-BSDish g10-permissive
dbus-x11	1.12.2-1ubuntu1.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1, Tcl-BSDish g10-permissive
debconf	1.5.66ubuntu1	BSD-2-clause
debconf-i18n	1.5.66ubuntu1	BSD-2-clause
debianutils	4.8.4	GPL
debootstrap	1.0.95ubuntu0.5	MIT
dh-python	3.20180325ubuntu2	Expat
dhcpc3-client	4.1.ESV-R4-0ubuntu5.9	GPL
dialog	1.3-20171209-1	LGPL-2.1
diffutils	1:3.6-1	GFDL GPL
dirmngr	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
distro-info-data	0.37ubuntu0.6	ISC
dmsetup	2:1.02.145-4.1ubuntu3.18.04.2	GPL-2 LGPL-2.1

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
dnsutils	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
dpkg	1.19.0.5ubuntu2.3	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
dpkg-dev	1.19.0.5ubuntu2.3	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
e2fslibs:amd64	1.44.1-1ubuntu1.3	GPL-2 LGPL-2
e2fsprogs	1.44.1-1ubuntu1.3	GPL-2 LGPL-2
e2fsprogs-l10n	1.44.1-1ubuntu1.3	GPL-2
ecryptfs-utils	1:1-0ubuntu5	GPL-2
eject	2.1.5+deb1+cvs20081104-13.2	GPL-2
fakechroot	2.19-3	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+
fakeroot	1.22-2ubuntu1	Artistic GPL-3
fdisk	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
file	1:5.32-2ubuntu0.3	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with-legal-disclaimer-2 public-domain
findutils	4.6.0+git+20170828-2	GFDL-1.3 GPL-3
fontconfig-config	2.12.6-0ubuntu2	LGPL
fonts-dejavu-core	2.37-1	GPL-2+ bitstream-vera
fonts-lato	2.0-2	GPL-2+ OFL-1.1
g++	4:7.4.0-1ubuntu2.3	GPL
g++-7	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
gcc	4:7.4.0-1ubuntu2.3	GPL
gcc-4.6-base:amd64	4.6.4-6ubuntu2	Artistic GFDL-1.2 GPL GPL-2 GPL-3
gcc-4.8-base:amd64	4.8.5-4ubuntu8	Artistic GFDL-1.2 GPL GPL-2 GPL-3
gcc-5-base:amd64	5.5.0-12ubuntu1	Artistic GFDL-1.2 GPL GPL-2 GPL-3
gcc-6-base:amd64	6.5.0-2ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3
gcc-7	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
gcc-7-base:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
gcc-8-base:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
gettext-base	0.19.8.1-6ubuntu0.3	GFDL GPL LGPL
gir1.2-glib-2.0:amd64	1.56.1-1	BSD-2-clause GPL-2+ LGPL-2+ MIT

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
gnupg	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gnupg-l10n	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gnupg-utils	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-agent	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-wks-client	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-wks-server	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgconf	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgsm	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgv	2.2.4-1ubuntu1.2	BSD-3-clause Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
grep	3.1-2build1	GPL-3+
groff-base	1.22.3-10	GFDL-1.3 GPL-3
grub-common	2.02-2ubuntu8.15	GPL-3
grub-gfxpayload-lists	0.7	GPL-3
grub-pc	2.02-2ubuntu8.15	GPL-3
grub-pc-bin	2.02-2ubuntu8.15	GPL-3
grub2	2.02-2ubuntu8.15	GPL-3
grub2-common	2.02-2ubuntu8.15	GPL-3
gzip	1.6-5ubuntu1	GPL
hostname	3.20	GPL-2
ieee-data	20180204.1	GPL-2+ WTFPL-2 other
ifupdown	0.8.17ubuntu1.1	GPL-2+
init	1.51	BSD-3-clause GPL-2+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
init-system-helpers	1.51	BSD-3-clause GPL-2+
initramfs-tools	0.130ubuntu3.9	GPL-2
initramfs-tools-bin	0.130ubuntu3.9	GPL-2
initramfs-tools-core	0.130ubuntu3.9	GPL-2
inotify-tools	3.14-2	GPL-2 LGPL-2.1
intel-microcode	3.20191115.1ubuntu0.18.04	GPL-2
iproute2	4.15.0-2ubuntu1	GPL-2
iptables	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
iputils-ping	3:20161105-1ubuntu3	GPL
iputils-tracepath	3:20161105-1ubuntu3	GPL
irqbalance	1.3.0-0.1ubuntu0.18.04.1	GPL
isc-dhcp-client	4.3.5-3ubuntu7.1	GPL-2 ISC
isc-dhcp-common	4.3.5-3ubuntu7.1	GPL-2 ISC
iso-codes	3.79-1	LGPL-2.1+
iucode-tool	2.3.1-1	Expat~X Expat~X with X exception GAP~INSTALL GAP~Makefile GAP~configure GAP~m4reqdef GPL-2.0+ GPL-2.0+ with Autoconf exception GPL-3.0+ GPL-3.0+ with Autoconf macro archive exception GPL3.0+ with Autoconf exception
iw	4.14-0.1	ISC
javascript-common	11	GPL-2+
kbd	2.0.4-2ubuntu1	GPL-2+ GPL-2-with-exceptions GPL-any
keyboard-configuration	1.178ubuntu2.9	GPL-2
keyutils	1.5.9-9.2ubuntu2	GPL-2+ LGPL-2+
klibc-utils	2.0.4-9ubuntu2	GPL-2
kmod	24-1ubuntu3.2	GPL-2
krb5-locales	1.16-2ubuntu0.1	GPL-2
language-selector-common	0.188.3	GPL-2
less	487-0.1	GPL-3
libaccountsservice0:amd64	0.6.45-1ubuntu1	GPL-2+ GPL-3+
libacl1:amd64	2.2.52-3build1	GPL LGPL-2.1
libalgorithm-diff-perl	1.19.03-1	Artistic Artistic or GPL-1+ GPL-1+
libalgorithm-diff-xs-perl	0.04-5	Artistic Artistic or GPL-1+ GPL-1+
libalgorithm-merge-perl	0.08-3	Artistic Artistic or GPL-1+ GPL-1+
libapparmor-perl	2.12-4ubuntu5.1	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libapparmor1:amd64	2.12-4ubuntu5.1	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
libapr1:amd64	1.6.3-2	Apache-2.0
libaprutil1:amd64	1.6.1-2	Apache-2.0
libapt-inst2.0:amd64	1.6.12	GPL-2
libapt-pkg4.12:amd64	1.0.1ubuntu2.14	GPL-2
libapt-pkg5.0:amd64	1.6.12	GPL-2
libargon2-0:amd64	0~20161029-1.1	Apache-2.0 CC0 CC0 or Apache-2.0
libasan4:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libasn1-8-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libasprintf0v5:amd64	0.19.8.1-6ubuntu0.3	GFDL GPL LGPL
libassuan0:amd64	2.5.1-2	GAP GAP~FSF GPL-2+ GPL-2+ with libtool exception GPL-3+ LGPL-2.1+ LGPL-3+
libatm1:amd64	1:2.5.1-2build1	GPL-2
libatomic1:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libattr1:amd64	1:2.4.47-2build1	GPL-2 LGPL-2.1
libaudit-common	1:2.8.2-1ubuntu1	GPL-2 LGPL-2.1
libaudit1:amd64	1:2.8.2-1ubuntu1	GPL-2 LGPL-2.1
libbind9-160:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libbinutils:amd64	2.30-21ubuntu1~18.04.2	GFDL GPL LGPL
libblkid1:amd64	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
libboost-filesystem1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libboost-iostreams1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libboost-program-options1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libboost-system1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libbsd0:amd64	0.8.7-1ubuntu0.1	BSD-2-clause BSD-2-clause-NetBSD BSD-2-clause-author BSD-2-clause-verbatim BSD-3-clause BSD-3-clause-John-Birrell BSD-3-clause-Peter-Wemm BSD-3-clause-Regents BSD-4-clause-Christopher-G-Demetriou BSD-4-clause-Niels-Provos BSD-5-clause-Peter-Wemm Beerware Expat ISC ISC-Original public-domain public-domain-Colin-Plumb

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libbz2-1.0:amd64	1.0.6-8.1ubuntu0.2	GPL-2
libc-bin	2.27-3ubuntu1	GPL-2 LGPL-2.1
libc-dev-bin	2.27-3ubuntu1	GPL-2 LGPL-2.1
libc6:amd64	2.27-3ubuntu1	GPL-2 LGPL-2.1
libc6-dev:amd64	2.27-3ubuntu1	GPL-2 LGPL-2.1
libcairo-gobject2:amd64	1.15.10-2ubuntu0.1	LGPL-2.1
libcairo2:amd64	1.15.10-2ubuntu0.1	LGPL-2.1
libcap-ng0:amd64	0.7.7-3.1	GPL-2 GPL-3 LGPL-2.1
libcap2:amd64	1:2.25-1.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libcap2-bin	1:2.25-1.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libcc1-0:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libcgi-fast-perl	1:2.13-1	Artistic Artistic or GPL-1+ GPL-1+
libcgi-pm-perl	4.38-1	Artistic Artistic or GPL-1+ Artistic-2.0 Artistic-2.0 or Artistic or GPL-1+ Artistic-2.0 or GPL-1+ GPL-1+
libcgmanager0:amd64	0.39-2ubuntu5	GPL-2 LGPL-2.1+
libcilkrts5:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libclass-accessor-perl	0.51-1	Artistic Artistic or GPL-1+ GPL-1+
libcom-err2:amd64	1.44.1-1ubuntu1.3	MIT
libcomerr2:amd64	1.44.1-1ubuntu1.3	GPL-2 LGPL-2
libcrack2:amd64	2.9.2-5build1	LGPL-2.1
libcryptsetup12:amd64	2:2.0.2-1ubuntu1.1	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ LGPL-2.1+ public-domain
libcurl3-gnutls:amd64	7.58.0-2ubuntu3.8	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libcurl4:amd64	7.58.0-2ubuntu3.8	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libcwidget3v5:amd64	0.5.17-7	GPL-2+
libdb5.1:amd64	5.1.29-7ubuntu1	Oracle Berkeley DB
libdb5.3:amd64	5.3.28-13.1ubuntu1.1	Oracle Berkeley DB
libdbus-1-3:amd64	1.12.2-1ubuntu1.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1, Tcl-BSDish g10-permissive
libdbus-1-dev:amd64	1.12.2-1ubuntu1.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1, Tcl-BSDish g10-permissive

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libdbus-glib-1-2:amd64	0.110-2	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1 or Expat
libdebconfclient0:amd64	0.213ubuntu1	public domain
libdevmap-per1.02.1:amd64	2:1.02.145-4.1ubuntu3.18.04.2	GPL-2 LGPL-2.1
libdns-export1100	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libdns1100:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libdpkg-perl	1.19.0.5ubuntu2.3	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
libdrm-common	2.4.99-1ubuntu1~18.04.2	LGPL
libdrm-intel1:amd64	2.4.99-1ubuntu1~18.04.2	LGPL
libdrm-radeon1:amd64	2.4.99-1ubuntu1~18.04.2	LGPL
libdrm2:amd64	2.4.99-1ubuntu1~18.04.2	LGPL
libcryptfs1	111-0ubuntu5	GPL-2
libedit2:amd64	3.1-20170329-1	BSD-release-5-0
libelf1:amd64	0.170-0.4ubuntu0.1	GPL-2 GPL-3 LGPL-
libencode-locale-perl	1.05-1	Artistic Artistic or GPL-1+ GPL-1+
libept1.4.12:amd64	1.0.12	GPL
libestr0:amd64	0.1.10-2.1	LGPL-2.1
libevent-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-core-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-dev	2.1.8-stable-4build1	BSD license
libevent-extra-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-openssl-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-pthreads-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libexpat1:amd64	2.2.5-3ubuntu0.2	MIT
libext2fs2:amd64	1.44.1-1ubuntu1.3	GPL-2 LGPL-2
libfakechroot:amd64	2.19-3	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+
libfakeroot:amd64	1.22-2ubuntu1	Artistic GPL-3
libfastjson4:amd64	0.99.8-2	Apache-2.0 Expat
libfcgi-perl	0.78-2build1	PD other
libfdisk1:amd64	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libffi6:amd64	3.2.1-8	GPL
libfile-fcntllock-perl	0.22-3build2	Artistic Artistic or GPL-1+ GPL-1+
libfontconfig1:amd64	2.12.6-0ubuntu2	LGPL
libfreetype6:amd64	2.8.1-2ubuntu2	BSD-2-Clause BSD-3-Clause Catharon-OSL FTL GPL-2+ GPL-2+ or FTL GZip OpenGroup- BSD-like
libfribidi0:amd64	0.19.7-2	LGPL-2.1+
libfuse2:amd64	2.9.7-1ubuntu1	GPL-2 GPL-2+ LGPL-2
libgcc-7-dev:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libgcc1:amd64	1:8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libgcrypt11:amd64	1.5.3-2ubuntu4.3	GPL-2 LGPL
libgcrypt20:amd64	1.8.1-4ubuntu1.2	GPL-2 LGPL
libgdbm-compat4:amd64	1.14.1-6	GFDL-1.3+ GPL-3+
libgdbm3:amd64	1.8.3-13.1	GPL-2
libgdbm5:amd64	1.14.1-6	GFDL-1.3+ GPL-3+
libgeoip1:amd64	1.6.12-1	ISC LGPL-2.1+
libgirepository-1.0-1:amd64	1.56.1-1	BSD-2-clause GPL-2+ LGPL-2+ MIT
libglib2.0-0:amd64	2.56.4-0ubuntu0.18.04.6	LGPL
libgmp10:amd64	2:6.1.2+dfsg-2	GPL-2 GPL-3 GPL LGPL-3
libgnutls-openssl27:amd64	3.5.18-1ubuntu1.3	GFDL-1.3 GPL GPL-3) LGPL LGPL-3
libgnutls30:amd64	3.5.18-1ubuntu1.3	GFDL-1.3 GPL GPL-3) LGPL LGPL-3
libgomp1:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libgpg-error0:amd64	1.27-6	BSD-3-clause GPL-3+ LGPL-2.1+ LGPL-2.1+ or BSD-3-clause g10-permissive
libgpm2:amd64	1.20.7-5	GPL-2.0+ GPL-3.0+
libgssapi-krb5-2:amd64	1.16-2ubuntu0.1	GPL-2
libgssapi3-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libhcrypto4-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libheimbase1-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libheimntlm0-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libhogweed4:amd64	3.4-1	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public-domain
libhtml-parser-perl	3.72-3build1	Artistic Artistic or GPL-1+ GPL-1+
libhtml-tagset-perl	3.20-3	Artistic Artistic or GPL-1+ GPL-1+
libhttp-date-perl	6.02-1	Artistic Artistic or GPL-1+ GPL-1+
libhttp-message-perl	6.14-1	Artistic Artistic or GPL-1+ GPL-1+
libhx509-5-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libc60:amd64	60.2-3ubuntu3.1	UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE
libidn11:amd64	1.33-2.1ubuntu1.2	GAP GFDL-1.3+ GPL-3+ LGPL-2.1+ LGPL-3+ or GPL-2+
libidn2-0:amd64	2.0.4-1.1ubuntu0.2	GPL-2+ GPL-3+ LGPL-3+ LGPL-3+ or GPL-2+ Unicode
libinotifytools0	3.14-2	GPL-2 LGPL-2.1
libio-html-perl	1.001-1	Artistic Artistic or GPL-1+ GPL-1+ GPL-3+
libio-string-perl	1.08-3	Artistic GPL-1
libip4tc0:amd64	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
libip6tc0:amd64	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
libiptc0:amd64	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
libirs160:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisc-export169:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisc169:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisc83	1:9.8.1.dfsg.P1-4ubuntu0.12	ISC and BSD-2-clause and BSD-3-clause and BSD-4-clause
libisccc160:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libiscfg160:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisl19:amd64	0.19-1	BSD-2-clause LGPL-2.1+ MIT
libitm1:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libjs-jquery	3.2.1-1	BSD-3-clause GPL-2 GPL-2 or MIT MIT MIT or BSD-3-clause or GPL-2
libjs-sphinxdoc	1.6.7-1ubuntu1	BSD-2-clause BSD-3-clause Expat PSF-2 etree13 public-domain
libjs-underscore	1.8.3~dfsg-1	BSD-3-clause Expat GPL-3+
libjson-c3:amd64	0.12.1-1.3	MIT

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libk5crypto3:amd64	1.16-2ubuntu0.1	GPL-2
libkeyutils1:amd64	1.5.9-9.2ubuntu2	GPL-2+ LGPL-2+
libklibc	2.0.4-9ubuntu2	GPL-2
libkmod2:amd64	24-1ubuntu3.2	GPL-2
libkrb5-26-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libkrb5-3:amd64	1.16-2ubuntu0.1	GPL-2
libkrb5support0:amd64	1.16-2ubuntu0.1	GPL-2
libksba8:amd64	1.3.5-2	GPL-3
libldap-2.4-2:amd64	2.4.45+dfsg-1ubuntu1.4	OpenLDAP Public License
libldap-common	2.4.45+dfsg-1ubuntu1.4	OpenLDAP Public License
liblocale-gettext-perl	1.07-3build2	Artistic Artistic or GPL-1+ GPL-1+
liblockfile-bin	1.14-1.1	GPL-2+ LGPL-2+
liblockfile1:amd64	1.14-1.1	GPL-2+ LGPL-2+
liblsan0:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
liblwp-mediatypes-perl	6.02-1	Artistic GPL-1
liblwres160:amd64	1:9.11.3+dfsg-1ubuntu1.11	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
liblz4-1:amd64	0.0~r131-2ubuntu3	BSD-2-clause GPL-2+
liblzma5:amd64	5.2.2-1.3	Autoconf GPL-2 GPL-2+ LGPL-2.1+ PD PD-debian config-h noderivs none permissive-fsf permissive-nowarranty probably-PD
liblzo2-2:amd64	2.08-1.2	GPL-2
libmagic-mgc	1:5.32-2ubuntu0.3	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with-legal-disclaimer-2 public-domain
libmagic1:amd64	1:5.32-2ubuntu0.3	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with-legal-disclaimer-2 public-domain
libmnl0:amd64	1.0.4-2	GPL-2+ LGPL-2.1
libmount1:amd64	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
libmpc3:amd64	1.1.0-1	LGPL-2.1
libmpdec2:amd64	2.4.2-1ubuntu1	BSD GPL-2+
libmpfr6:amd64	4.0.1-1	LGPL-3
libmpx2:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libncurses5:amd64	6.1-1ubuntu1.18.04	https://invisible-island.net/ncurses/ncurses-license.html

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libncursesw5:amd64	6.1-1ubuntu1.18.04	https://invisible-island.net/ncurses/ncurses-license.html
libnetfilter-contrack3:amd64	1.0.6-2	GPL-2+
libnettle6:amd64	3.4-1	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public-domain
libnewt0.52:amd64	0.52.20-1ubuntu1	LGPL-2
libnfnetwork0:amd64	1.0.1-3	GPL
libnghttp2-14:amd64	1.30.0-1ubuntu1	BSD-2-clause Expat GPL-3+ with autoconf exception MIT SIL-OFL-1.1 all-permissive
libnih-dbus1:amd64	1.0.3-6ubuntu2	GPL-2'
libnih1:amd64	1.0.3-6ubuntu2	GPL-2'
libnl-3-200:amd64	3.2.29-0ubuntu3	GPL-2 LGPL-2.1
libnl-genl-3-200:amd64	3.2.29-0ubuntu3	GPL-2 LGPL-2.1
libnptl0:amd64	1.5-3	LGPL-2.1+
libnspr4:amd64	2:4.18-1ubuntu1	Mozilla Public License
libnss-systemd:amd64	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
libnss3:amd64	2:3.35-2ubuntu2.7	Mozilla Public License
libnuma1:amd64	2.0.11-2.1ubuntu0.1	GPL LGPL
libopts25:amd64	1:5.18.12-4	GPL-2+ GPL-2+ or LGPL-3+ or Modified_BSD GPL-3+ GPL-3+ LGPL-2.1+ LGPL-3+ LGPL-3+ or Modified_BSD Modified_BSD
libp11-kit0:amd64	0.23.9-2	BSD-3-Clause ISC ISC+IBM permissive-like-automake-output same-as-rest-of-p11kit
libpam-cap:amd64	1:2.25-1.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libpam-cracklib:amd64	1.1.8-3.6ubuntu2.18.04.1	GPL
libpam-modules:amd64	1.1.8-3.6ubuntu2.18.04.1	GPL
libpam-modules-bin	1.1.8-3.6ubuntu2.18.04.1	GPL
libpam-runtime	1.1.8-3.6ubuntu2.18.04.1	GPL
libpam-systemd:amd64	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
libpam0g:amd64	1.1.8-3.6ubuntu2.18.04.1	GPL
libparse-debianchangelog-perl	1.2.0-12	GPL-2+
libparted0debian1:amd64	2.3-19ubuntu1.14.04.2	GPL-3
libparted2:amd64	3.2-20ubuntu0.2	GPL-3
libpcap0.8:amd64	1.8.1-6ubuntu1.18.04.1	BSD license
libpci3:amd64	1:3.5.2-1ubuntu1.1	GPLv3

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libpciaccess0:amd64	0.14-1	GPL
libpcre3:amd64	2:8.39-9	BSD licence
libperl5.26:amd64	5.26.1-6ubuntu0.3	Artistic Artistic or GPL-1+ or Artistic-dist Artistic-2 Artistic-dist BSD-3-clause BSD-3-clause-GENERIC BSD-3-clause-with-weird-numbering BSD-4-clause-POWERDOG BZIP CC0-1.0 DONT-CHANGE-THE-GPL Expat Expat or GPL-1+ or Artistic GPL-1+ GPL-1+ or Artistic GPL-1+ or Artistic or Artistic-dist GPL-1+ or Artistic, GPL-2+ GPL-2+ or Artistic GPL-3+-WITH-BISON-EXCEPTION HSIEH-BSD HSIEH-DERIVATIVE LGPL-2.1 REGCOMP REGCOMP, RRA-KEEP-THIS-NOTICE S2P SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
libpipeline1:amd64	1.5.0-1	GPL-2+ GPL-3+
libpixmap-1-0:amd64	0.34.0-2	MIT license
libplymouth4:amd64	0.9.3-1ubuntu7.18.04.2	GPL-2+ other
libpng12-0:amd64	1.2.54-1ubuntu1	GPL-2
libpng16-16:amd64	1.6.34-1ubuntu0.18.04.2	Apache-2.0 BSD-3-clause BSD-like-with-advertising-clause GPL-2+ GPL-2+ or BSD-like-with-advertising-clause expat libpng libpng OR Apache-2.0 OR BSD-3-clause
libpolkit-gobject-1-0:amd64	0.105-20ubuntu0.18.04.5	Apache-2.0 LGPL-2.0+
libpopt0:amd64	1.16-11	GPL-2+ X-Consortium
libprocps3:amd64	1:3.3.9-1ubuntu2.2	GPL-2 LGPL-2
libprocps6:amd64	2:3.3.12-3ubuntu1.2	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
libpsl5:amd64	0.19.1-5build1	Chromium MIT
libpython-stdlib:amd64	2.7.15~rc1-1	GPL-compatible GPL-compatible licenses
libpython2.7-minimal:amd64	2.7.17-1~18.04	Apache-2.0 Apache-2.0 GPL-2
libpython2.7-stdlib:amd64	2.7.17-1~18.04	Apache-2.0 Apache-2.0 GPL-2
libpython3-stdlib:amd64	3.6.7-1~18.04	GPL-compatible GPL-compatible licenses
libpython3.6:amd64	3.6.9-1~18.04	GPL-2
libpython3.6-minimal:amd64	3.6.9-1~18.04	GPL-2
libpython3.6-stdlib:amd64	3.6.9-1~18.04	GPL-2
libquadmath0:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libreadline5:amd64	5.2+dfsg-3build1	GPL-2 GPL-2
libreadline6:amd64	6.3-8ubuntu2	GPL-3

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libreadline7:amd64	7.0-3	GFDL GPL-3
libroken18-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
librsync1:amd64	0.9.7-10build1	LGPL-2.1+
librtmp1:amd64	2.4+20151223.gitfa8646d.1 1	GPL-2 LGPL-2.1
libruby1.9.1	1.9.3.484-2ubuntu1.2	Public Domain
libruby2.5:amd64	2.5.1-1ubuntu1.6	3C-BSD AllPermissions Artistic BSD-2-clause BSD-2-clause or Ruby BSD-3-clause CC-BY-3.0-famfamfam CC0 Expat Expat or Ruby GPL-1+ GPL-1+ or Artistic GPL-3+ Partial-GplArtisticAndRuby Permissive PreserveNotice PublicDomain Ruby SIL-1.1 Unicode zlib/libpng
libsasl2-2:amd64	2.1.27~101-g0780600+dfsg-3ubuntu2.1	BSD-4-clause GPL-3+
libsasl2-modules:amd64	2.1.27~101-g0780600+dfsg-3ubuntu2.1	BSD-4-clause GPL-3+
libsasl2-modules-db:amd64	2.1.27~101-g0780600+dfsg-3ubuntu2.1	BSD-4-clause GPL-3+
libseccomp2:amd64	2.4.1-0ubuntu0.18.04.2	LGPL-2.0+
libselinux1:amd64	2.7-2build2	GPL-2 LGPL-2.1
libsemanage-common	2.7-2build2	GPL LGPL
libsemanage1:amd64	2.7-2build2	GPL LGPL
libsensors4:amd64	1:3.4.0-4	GPL-2 GPL;
libsepol1:amd64	2.7-1	GPL LGPL
libserf-1-1:amd64	1.3.9-6	Apache Zlib
libsigc++-2.0-0v5:amd64	2.10.0-2	LGPL-2.1
libslang2:amd64	2.3.1a-3ubuntu1	GPL-2+
libsmartcols1:amd64	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
libsnmp-base	5.7.3+dfsg-1.8ubuntu3.3	BSD license
libsnmp30:amd64	5.7.3+dfsg-1.8ubuntu3.3	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2+ GPL-2.0+
libsqlite3-0:amd64	3.22.0-1ubuntu0.3	GPL-2+ public-domain
libss2:amd64	1.44.1-1ubuntu1.3	MIT
libssl1.0.0:amd64	1.0.2n-1ubuntu5.3	BSD-style

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libssl1.1:amd64	1.1.1-1ubuntu2.1~18.04.5	BSD-style
libstdc++-7-dev:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libstdc++6:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libsub-name-perl	0.21-1build1	Artistic Artistic or GPL-1+ GPL-1+
libsvn1:amd64	1.9.7-4ubuntu1	Apache-2.0, GPL-2
libsystemd0:amd64	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
libtasn1-6:amd64	4.13-2	GFDL-1.3 GPL-3 LGPL LGPL-2.1
libtext-charwidth-perl	0.04-7.1	Artistic GPL-2
libtext-iconv-perl	1.7-5build6	Artistic GPL-2
libtext-wrapi18n-perl	0.06-7.1	Artistic GPL
libtimedate-perl	2.3000-2	Artistic Artistic or GPL-1+ GPL-1+
libtinfo5:amd64	6.1-1ubuntu1.18.04	MIT/X11
libtirpc1:amd64	0.2.5-1.2ubuntu0.1	GPL-2
libtsan0:amd64	8.4.0-1ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libubsan0:amd64	7.5.0-3ubuntu1~18.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libudev1:amd64	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
libunistring2:amd64	0.9.9-0ubuntu2	FreeSoftware GFDL-1.2+ GPL-2+ GPL-2+ with distribution exception GPL-3+ GPL-3+ or GFDL-1.2+ LGPL-3+ LGPL-3+ or GPL-2+ MIT
libunwind8:amd64	1.2.1-8	Expat GPL-2+
liburi-perl	1.73-1	Artistic Artistic or GPL-1+ GPL-1+
libusb-0.1-4:amd64	2:0.1.12-31	LGPL-2
libusb-1.0-0:amd64	2:1.0.21-2	GPL-2 LGPL-2.1
libustr-1.0-1:amd64	1.0.4-6	BSD-2-clause GPL-2+ LGPL-2+ LGPL-2+ or BSD-2-clause or MIT MIT
libuuid1:amd64	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
libwind0-heimdal:amd64	7.5.0+dfsg-1	BSD-3-clause GPL-2+ custom none
libwrap0:amd64	7.6.q-27	https://metadata.ftp-master.debian.org/changelogs/main/t/tcp-wrappers/tcp-wrappers_7.6.q-28_copyright
libx11-6:amd64	2:1.6.4-3ubuntu0.2	MIT license
libx11-data	2:1.6.4-3ubuntu0.2	MIT license

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libxapian30:amd64	1.4.5-1ubuntu0.1	GPL-2
libxau6:amd64	1:1.0.8-1ubuntu1	https://metadata.ftp-master.debian.org/changelogs/main/libx/libxau/libxau_1.0.9-1_copyright
libxcb-render0:amd64	1.13-2~ubuntu18.04	https://developer.puri.sm/licenses/Librem5/Birch/libxcb-render0/copyright
libxcb-shm0:amd64	1.13-2~ubuntu18.04	https://developer.puri.sm/licenses/Librem5/Birch/libxcb-render0/copyright
libxcb1:amd64	1.13-2~ubuntu18.04	https://developer.puri.sm/licenses/Librem5/Birch/libxcb-render0/copyright
libxdmcp6:amd64	1:1.1.2-3	https://metadata.ftp-master.debian.org/changelogs/main/libx/libxdmcp/libxdmcp_1.1.2-3_copyright
libxext6:amd64	2:1.3.3-1	https://metadata.ftp-master.debian.org/changelogs/main/libx/libxext/libxext_1.3.4-1_copyright
libxml2:amd64	2.9.4+dfsg1-6.1ubuntu1.3	ISC MIT-1
libxmu1:amd64	2:1.1.2-2	https://metadata.ftp-master.debian.org/changelogs/main/libx/libxmu/libxmu_1.1.2-2_copyright
libxrender1:amd64	1:0.9.10-1	https://metadata.ftp-master.debian.org/changelogs/main/libx/libxrender/libxrender_0.9.10-1.1_copyright
libxtables12:amd64	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
libyaml-0-2:amd64	0.1.7-2ubuntu3	Expat permissive
libzstd1:amd64	1.3.3+dfsg-2ubuntu1.1	BSD-3-clause-with-patent-grant Expat GPL-2 GPL-2+ zlib
linux-base	4.5ubuntu1.1	GPL-2
linux-firmware	1.173.17	https://launchpad.net/ubuntu/trusty/+source/linux-firmware/+copyright
linux-generic	4.15.0.96.87	GPL
linux-headers-4.15.0-96	4.15.0-96.97	GPL-2
linux-headers-4.15.0-96-generic	4.15.0-96.97	GPL-2
linux-headers-generic	4.15.0.96.87	GPL
linux-image-4.15.0-96-generic	4.15.0-96.97	GPL-2
linux-image-generic	4.15.0.96.87	GPL
linux-libc-dev:amd64	4.15.0-96.97	GPL-2
linux-modules-4.15.0-96-generic	4.15.0-96.97	GPL-2

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
linux-modules-extra-4.15.0-96-generic	4.15.0-96.97	GPL-2
locales	2.27-3ubuntu1	GPL-2 LGPL-2.1
lockfile-progs	0.1.17build1	GPL
login	1:4.5-1ubuntu2	GPL-2
logrotate	3.11.0-0.1ubuntu1	GPL-2
lsb-base	9.20170808ubuntu1	BSD-3-clause GPL-2
lsb-release	9.20170808ubuntu1	BSD-3-clause GPL-2
lshw	02.18-0.1ubuntu6.18.04.1	GPL
lsuf	4.89+dfsg-0.1	BSD-4-clause GPL-2+ LGPL-2+ Purdue send-mail
ltrace	0.7.3-6ubuntu1	GPL
make	4.1-9.1ubuntu1	GPL-3+
makedev	2.3.1-93ubuntu2	GPL
man-db	2.8.3-2ubuntu0.1	GPL-2+ GPL-3+
manpages	4.15-1	BSD-3-clause BSD-4-clause Expat GPL-2 GPL-2+ LDPv1 freely-redistributable henry-spencer-regex public-domain verbatim
manpages-dev	4.15-1	BSD-3-clause BSD-4-clause Expat GPL-2 GPL-2+ LDPv1 freely-redistributable henry-spencer-regex public-domain verbatim
mawk	1.3.3-17ubuntu3	GPL-2
mime-support	3.60ubuntu1	Bellcore ad-hoc
mlocate	0.26-2ubuntu3.1	GPL-2
module-init-tools	24-1ubuntu3.2	GPL-2
mount	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL-2.1+ LGPL-3+ MIT public-domain
multiarch-support	2.27-3ubuntu1	GPL-2 LGPL-2.1
mysql-common	5.8+1.0.4	GPL-2+
ncftp	2:3.2.5-2	Public Domain
ncurses-base	6.1-1ubuntu1.18.04	https://invisible-island.net/ncurses/ncurses-license.html
ncurses-bin	6.1-1ubuntu1.18.04	https://invisible-island.net/ncurses/ncurses-license.html
ncurses-term	6.1-1ubuntu1.18.04	https://invisible-island.net/ncurses/ncurses-license.html
net-tools	1.60+git20161116.90da8a01ubuntu1	GPL-2
netbase	5.4	GPL-2

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
netcat-openbsd	1.187-1ubuntu0.1	BSD-2-Clause BSD-3-Clause
networkd-dispatcher	1.7-0ubuntu3.3	GPL-3+
ntp	1:4.2.8p10+dfsg-5ubuntu7.1	MIT
ntpdate	1:4.2.8p10+dfsg-5ubuntu7.1	MIT
openssh-client	1:7.6p1-4ubuntu0.3	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-server	1:7.6p1-4ubuntu0.3	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-sftp-server	1:7.6p1-4ubuntu0.3	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssl	1.1.1-1ubuntu2.1~18.04.5	BSD-style
os-prober	1.74ubuntu1	GPL-2
parted	3.2-20ubuntu0.2	GPL-3
passwd	1:4.5-1ubuntu2	GPL-2
patch	2.7.6-2ubuntu1.1	GPL
pciutils	1:3.5.2-1ubuntu1.1	unknown
perl	5.26.1-6ubuntu0.3	Artistic Artistic or GPL-1+ or Artistic-dist Artistic-2 Artistic-dist BSD-3-clause BSD-3-clause-GENERIC BSD-3-clause-with-weird-numbering BSD-4-clause-POWERDOG BZIP CC0-1.0 DONT-CHANGE-THE-GPL Expat Expat or GPL-1+ or Artistic GPL-1+ GPL-1+ or Artistic GPL-1+ or Artistic or Artistic-dist GPL-1+ or Artistic, GPL-2+ GPL-2+ or Artistic GPL-3+-WITH-BISON-EXCEPTION HSIEH-BSD HSIEH-DERIVATIVE LGPL-2.1 REGCOMP REGCOMP, RRA-KEEP-THIS-NOTICE S2P SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
perl-base	5.26.1-6ubuntu0.3	Artistic Artistic or GPL-1+ or Artistic-dist Artistic-2 Artistic-dist BSD-3-clause BSD-3-clause-GENERIC BSD-3-clause-with-weird-numbering BSD-4-clause-POWERDOG BZIP CC0-1.0 DONT-CHANGE-THE-GPL Expat Expat or GPL-1+ or Artistic GPL-1+ GPL-1+ or Artistic GPL-1+ or Artistic or Artistic-dist GPL-1+ or Artistic, GPL-2+ GPL-2+ or Artistic GPL-3+-WITH-BISON-EXCEPTION HSIEH-BSD HSIEH-DERIVATIVE LGPL-2.1 REGCOMP REGCOMP, RRA-KEEP-THIS-NOTICE S2P SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
perl-modules-5.26	5.26.1-6ubuntu0.3	Artistic Artistic or GPL-1+ or Artistic-dist Artistic-2 Artistic-dist BSD-3-clause BSD-3-clause-GENERIC BSD-3-clause-with-weird-numbering BSD-4-clause-POWERDOG BZIP CC0-1.0 DONT-CHANGE-THE-GPL Expat Expat or GPL-1+ or Artistic GPL-1+ GPL-1+ or Artistic GPL-1+ or Artistic or Artistic-dist GPL-1+ or Artistic, GPL-2+ GPL-2+ or Artistic GPL-3+-WITH-BISON-EXCEPTION HSIEH-BSD HSIEH-DERIVATIVE LGPL-2.1 REGCOMP REGCOMP, RRA-KEEP-THIS-NOTICE S2P SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
pgppgpg	0.13-9.1build1	GPL
pinentry-curses	1.1.0-1	GPL-2 GPL-2+ LGPL-3+ LGPL-3+ or GPL-2+ X11
pkg-config	0.29.1-0ubuntu2	GPL
plymouth	0.9.3-1ubuntu7.18.04.2	GPL-2+ other
plymouth-theme-ubuntu-text	0.9.3-1ubuntu7.18.04.2	GPL-2+ other
powermgmt-base	1.33	GPL-2+
procps	2:3.3.12-3ubuntu1.2	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
psmisc	23.1-1ubuntu0.1	GPL-2+
publicsuffix	20180223.1310-1	CC0 MPL-2.0
python	2.7.15~rc1-1	GPL-compatible GPL-compatible licenses
python-apt	1.6.5ubuntu0.2	GPL-2+ Permissive
python-apt-common	1.6.5ubuntu0.2	GPL-2+ Permissive
python-asn1crypto	0.24.0-1	Expat
python-cairo:amd64	1.16.2-1	LGPL-2.1
python-certifi	2018.1.18-2	GPL-2 MPL-2
python-cffi-backend	1.11.5-1	Expat

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
python-chardet	3.0.4-1	LGPL-2.1+
python-cherrypy3	8.9.1-2	BSD-3-clause
python-cryptography	2.1.4-1ubuntu1.3	Apache Expat
python-dbus	1.2.6-1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python-dbus-dev	1.2.6-1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python-enum34	1.1.6-2	GPL-3
python-gdbm	2.7.17-1~18.04	GPL-compatible GPL-compatible licenses
python-gevent	1.2.2-2	Apache-2.0 GPL-3
python-gi	3.26.1-2ubuntu1	Expat LGPL-2.1+
python-gi-cairo	3.26.1-2ubuntu1	Expat LGPL-2.1+
python-gnupginterface	0.3.2-9.1ubuntu3	LGPL-2.1
python-greenlet	0.4.12-2	GPL-3 MIT PSFL-2
python-html5lib	0.999999999-1	MIT
python-idna	2.6-1	BSD-3-clause PSF-2 Unicode
python-ipaddress	1.0.17-1	Expat PSF-2
python-jinja2	2.10-1ubuntu0.18.04.1	GPL
python-markdown	2.6.9-1	BSD license
python-markupsafe	1.0-1build1	BSD License (BSD-3-Clause)
python-minimal	2.7.15~rc1-1	GPL-compatible GPL-compatible licenses
python-ndg-httpsclient	0.4.4-1	BSD-3-clause
python-netaddr	0.7.19-1	BSD license
python-openssl	17.5.0-1ubuntu1	Apache 2.0 This code is in the public domain
python-pkg-resources	39.0.1-2	GPL-compatible GPL-compatible licenses
python-pyasn1	0.4.2-3	BSD-2-clause GPL-2+
python-pygments	2.2.0+dfsg-1	Apache-2.0`
python-repoze.lru	0.7-1	GPL-3
python-requests	2.18.4-2ubuntu0.1	Apache
python-routes	2.4.1-1	MIT
python-simplejson	3.13.2-1	MIT
python-six	1.11.0-2	Expat
python-support	1.0.15	LGPL-2.1
python-svn	1.9.5-1	Apache-1.1 BSD-4-clause
python-textile	1:3.0.0-1	BSD-3-clause
python-urllib3	1.22-1ubuntu0.18.04.1	Expat PSF-2
python-webencodings	0.5-2	BSD-3-clause Expat
python-webob	1:1.7.3-2fakesync1	Expat
python2.7	2.7.17-1~18.04	Apache-2.0 Apache-2.0 GPL-2
python2.7-minimal	2.7.17-1~18.04	Apache-2.0 Apache-2.0 GPL-2

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
python3	3.6.7-1~18.04	GPL-compatible GPL-compatible licenses
python3-apt	1.6.5ubuntu0.2	GPL-2+ Permissive
python3-certifi	2018.1.18-2	GPL-2 MPL-2
python3-chardet	3.0.4-1	LGPL-2.1+
python3-dbus	1.2.6-1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python3-distro-info	0.18ubuntu0.18.04.1	ISC
python3-distupgrade	1:18.04.37	Expat GPL-2+
python3-distutils	3.6.9-1~18.04	GPL-compatible GPL-compatible licenses
python3-gi	3.26.1-2ubuntu1	Expat LGPL-2.1+
python3-idna	2.6-1	BSD-3-clause PSF-2 Unicode
python3-lib2to3	3.6.9-1~18.04	GPL-compatible GPL-compatible licenses
python3-minimal	3.6.7-1~18.04	GPL-compatible GPL-compatible licenses
python3-pkg-resources	39.0.1-2	GPL-compatible GPL-compatible licenses
python3-requests	2.18.4-2ubuntu0.1	Apache
python3-six	1.11.0-2	Expat
python3-update-manager	1:18.04.11.10	GPL LGPL
python3-urllib3	1.22-1ubuntu0.18.04.1	Expat PSF-2
python3.6	3.6.9-1~18.04	GPL-2
python3.6-minimal	3.6.9-1~18.04	GPL-2
quota	4.04-2ubuntu0.1	GPL
rake	12.3.1-1ubuntu0.1	Expat
readline-common	7.0-3	GFDL GPL-3
rename	0.20-7	Artistic Artistic or GPL-1+ GPL-1+
resolvconf	1.79ubuntu10.18.04.3	GPL-2+
rsync	3.1.2-2.1ubuntu1.1	GPL-3
rsyslog	8.32.0-1ubuntu4	Apache-2.0 BSD-3-clause GPL-3.0+ LGPL-3.0+
ruby	1:2.5.1	RubyLicense
ruby-did-you-mean	1.2.0-2	Expat
ruby-minitest	5.10.3-1	Expat
ruby-net-telnet	0.1.1-2	Ruby
ruby-power-assert	0.3.0-1	BSD-2-clause BSD-2-clause or Ruby Ruby
ruby-test-unit	3.2.5-1	BSD-2-clause BSD-2-clause or Ruby BSD-2-clause or Ruby or LGPL-2.1 BSD-2-clause or Ruby, LGPL-2.1 PSF Ruby
ruby1.9.1	1.9.3.484-2ubuntu1.2	Public Domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
ruby2.5	2.5.1-1ubuntu1.6	3C-BSD AllPermissions Artistic BSD-2-clause BSD-2-clause or Ruby BSD-3-clause CC-BY-3.0-famfamfam CC0 Expat Expat or Ruby GPL-1+ GPL-1+ or Artistic GPL-3+ Partial-GplArtisticAndRuby Permissive PreserveNotice PublicDomain Ruby SIL-1.1 Unicode zlib/libpng
rubygems-integration	1.11	Expat
schroot	1.6.10-4build1	GPL
schroot-common	1.6.10-4build1	GPL
sed	4.4-2	GPL-3
sensible-utils	0.0.12	All-permissive GPL-2+ configure installsh
sgml-base	1.29	GPL-2+
shared-mime-info	1.9-2	GPL
sharutils	1:4.15.2-3	GFDL GPL
snmp	5.7.3+dfsg-1.8ubuntu3.3	BSD
snmpd	5.7.3+dfsg-1.8ubuntu3.3	BSD
sntp	1:4.2.8p10+dfsg-5ubuntu7.1	Apache
ssh-import-id	5.7-0ubuntu1.1	GPL-3
strace	4.21-1ubuntu1	GPL
sudo	1.8.21p2-3ubuntu1.2	MIT
systemd	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
systemd-sysv	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain
sysvinit-utils	2.88dsf-59.10ubuntu1	GPL-2
tar	1.29b-2ubuntu0.1	GPL-2 GPL-3
tasksel	3.34ubuntu11	GPL-2
tasksel-data	3.34ubuntu11	GPL-2
tcpd	7.6.q-27	MIT
tcpdump	4.9.3-0ubuntu0.18.04.1	4-clause BSD license BSD license
thermald	1.7.0-5ubuntu5	GPL-2 GPL-2+
time	1.7-25.1build1	GPL-2+ freely redistributable
tzdata	2019c-0ubuntu0.18.04	public domain
ubuntu-keyring	2018.09.18.1~18.04.0	GPL
ubuntu-release-upgrader-core	1:18.04.37	Expat GPL-2+
ucf	3.0038	GPL-2
udev	237-3ubuntu10.39	CC0-1.0 Expat GPL-2 GPL-2+ LGPL-2.1+ public-domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
ufw	0.36-0ubuntu0.18.04.1	BSD-3-clause GPL-3
unzip	6.0-21ubuntu1	MIT
update-manager-core	1:18.04.11.10	GPL LGPL
ureadahead	0.100.0-21	GPL-2'
util-linux	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL- 2.1+ LGPL-3+ MIT public-domain
uuid-runtime	2.31.1-0.4ubuntu3.6	BSD-2-clause BSD-3-clause BSD-4-clause GPL-2 GPL-2+ GPL-3+ LGPL LGPL-2+ LGPL- 2.1+ LGPL-3+ MIT public-domain
vim	2:8.0.1453-1ubuntu1.3	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-addon-manager	0.5.7	GPL-3+
vim-common	2:8.0.1453-1ubuntu1.3	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-runtime	2:8.0.1453-1ubuntu1.3	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-scripts	20130814ubuntu1	GPL GPL-2 LGPL-2
wamerican	2017.08.24-1	Public Domain public domain
wget	1.19.4-1ubuntu2.2	GFDL-1.2 GPL-3
whiptail	0.52.20-1ubuntu1	LGPL-2
wireless-regdb	2018.05.09- 0ubuntu1~18.04.1	ISC
xfspgrog	4.9.0+nmu1ubuntu2	GPL LGPL-2.1
xkb-data	2.23.1-1ubuntu1.18.04.1	https://metadata.ftp-master.debian.org/ changelogs//main/x/xkeyboard-config/ xkeyboard-config_2.35.1-1_copyright
xml-core	0.18	GPL-2+
xxd	2:8.0.1453-1ubuntu1.3	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
xz-utils	5.2.2-1.3	Autoconf GPL-2 GPL-2+ LGPL-2.1+ PD PD-debian config-h noderivs none permissive-fsf permissive-nowarranty probably-PD
zip	3.0-11build1	MIT
zlib1g:amd64	1:1.2.11.dfsg-0ubuntu2	Zlib