



VOSS



**VOSS Automate
Open Source License Usage**

Release 24.1-PB1

August 28, 2024

Legal Information

- Copyright © 2024 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: 20240828160245

Contents

- 1 Introduction** **1**

- 2 License Usage by VOSS Automate Component** **2**
 - 2.1 Core Application (Python) 2
 - 2.2 Platform (Python) 6
 - 2.3 Portal (JavaScript) 11
 - 2.4 Self-service (JavaScript) 15
 - 2.5 Insights API (JavaScript) 23
 - 2.6 Insights - VOSS Sync (JavaScript) 31
 - 2.7 VOSS Automate Licensing Service 38
 - 2.8 Licenses for Code in Binary Files 39

- 3 Ubuntu OS Licenses** **41**
 - 3.1 Open Source Licenses for Release 24.1-PB1 41

1. Introduction

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	4.0.1	BSD License
Fabric	1.15.0	BSD License
Fuzzy	1.2.2	Artistic License; MIT License
Jinja2	3.0.3	BSD License
MarkupSafe	2.0.1	BSD License
PyJWT	1.7.1	MIT License
PyNaCl	1.5.0	Apache License 2.0
PyYAML	6.0	MIT License
Pygments	2.11.2	BSD License
SQLAlchemy	2.0.28	MIT License
WebOb	1.8.7	MIT License
aiohttp	3.9.3	Apache Software License
aiosignal	1.3.1	Apache Software License
annotated-types	0.6.0	MIT License
anyio	4.3.0	MIT License
asgiref	3.4.1	BSD License
async-generator	1.10	Apache Software License; MIT License
async-timeout	4.0.3	Apache Software License
attrs	21.4.0	MIT License
autopage	0.4.0	Apache Software License
azure-common	1.1.28	MIT License
azure-core	1.30.1	MIT License
azure-identity	1.15.0	MIT License
azure-search-documents	11.4.0	MIT License
bcrypt	3.2.0	Apache Software License
billiard	3.6.4.0	BSD License
cached-property	1.5.2	BSD License

continues on next page

Table 1 – continued from previous page

Name	Version	License
certifi	2021.10.8	Mozilla Public License 2.0 (MPL 2.0)
cff	1.15.0	MIT License
chardet	4.0.0	GNU Library or Lesser General Public License (LGPL)
charset-normalizer	2.0.10	MIT License
click	8.0.3	BSD License
cliff	3.10.0	Apache Software License
cmd2	2.3.3	MIT License
colorama	0.4.4	BSD License
colour	0.1.5	BSD License
commonmark	0.9.1	BSD License
coreapi	2.3.3	BSD License
coreschema	0.0.4	BSD License
coverage	6.2	Apache Software License
cryptography	36.0.1	Apache Software License; BSD License
cssutils	2.3.0	GNU Library or Lesser General Public License (LGPL)
dataclasses-json	0.6.4	MIT License
dateparser	1.1.6	BSD License
deepmerge	1.1.0	MIT License
defusedxml	0.7.1	Python Software Foundation License
distro	1.9.0	Apache Software License
django-cookies-samesite	0.9.0	UNKNOWN
django-lrucache-backend	4.0.0	MIT License
django-nose	1.4.7	BSD License
django-ratelimit-backend	2.0	BSD License
django-rest-framework	3.13.1	BSD License
docutils	0.20.1	BSD License; GNU General Public License (GPL); Public Domain; Python Software Foundation License
dpath	2.1.4	MIT License
editdistance	0.6.0	MIT License
elementpath	2.4.0	MIT License
et-xmlfile	1.1.0	MIT License
exceptiongroup	1.2.0	MIT License
frozenset	1.4.1	Apache Software License
gevent	21.12.0	MIT License
greenlet	1.1.2	MIT License
gunicorn	20.1.0	MIT License
h11	0.14.0	MIT License
httpcore	1.0.4	BSD License

continues on next page

Table 1 – continued from previous page

Name	Version	License
httplib	0.25.1	BSD License
idna	3.3	BSD License
ipaddr	2.2.0	Apache Software License
isodate	0.6.1	BSD License
itypes	1.2.0	BSD License
json_tools	0.4.1	MIT License
jsonpatch	1.33	BSD License
jsonpointer	2.2	BSD License
jsonschema	4.4.0	MIT License
langchain	0.1.11	MIT License
langchain-community	0.0.27	MIT License
langchain-core	0.1.30	MIT License
langchain-openai	0.0.5	MIT License
langchain-text-splitters	0.0.1	MIT License
langsmith	0.1.23	MIT License
lark	0.12.0	MIT License
libnfs	1.0.post4	LGPLv2.1
lxml	4.7.1	BSD License
marshmallow	3.21.1	MIT License
msal	1.27.0	MIT License
msal-extensions	1.1.0	MIT License
multidict	6.0.4	Apache Software License
mypy-extensions	1.0.0	MIT License
networkx	2.6.3	BSD License
nose	1.3.7	GNU Library or Lesser General Public License (LGPL)
nose-testconfig	0.10	Apache Software License
nosehtmloutput	0.0.7	Apache Software License
ntlm-auth	1.5.0	MIT License
numpy	1.26.4	BSD License
openai	1.13.3	Apache Software License
openapi-codec	1.3.2	BSD License
openpyxl	3.0.9	MIT License
orjson	3.9.15	Apache Software License; MIT License
outcome	1.1.0	Apache Software License; MIT License
packaging	23.2	Apache Software License; BSD License
paramiko	2.9.2	GNU Library or Lesser General Public License (LGPL)
pbr	5.8.0	Apache Software License
platformdirs	2.4.1	MIT License

continues on next page

Table 1 – continued from previous page

Name	Version	License
polib	1.1.1	MIT License
portalocker	2.8.2	BSD License
pyOpenSSL	21.0.0	Apache Software License
pyasn1	0.4.8	BSD License
pyasn1-modules	0.2.8	BSD License
pycparser	2.21	BSD License
pycryptodome	3.15.0	Apache Software License; BSD License; Public Domain
pydantic	2.6.3	MIT License
pydantic_core	2.16.3	MIT License
pyelliptic	1.5.8	BSD
pygraphviz	1.7	BSD License
pymongo	3.12.0	Apache Software License
pyparsing	3.0.6	MIT License
pyperclip	1.8.2	BSD License
pyrsistent	0.18.0	MIT License
pysaml2	7.1.0	Apache Software License
python-dateutil	2.8.2	Apache Software License; BSD License
python-decouple	3.8	MIT License
python-dotenv	1.0.1	BSD License
python-ldap	3.4.0	Python Software Foundation License
pytz	2021.3	MIT License
pytz-deprecation-shim	0.1.0.post0	Apache Software License
pywinrm	0.4.2	MIT License
regex	2022.10.31	Apache Software License
repoze.who	2.4	BSD-derived (http://www.repoze.org/LICENSE.txt)
requests	2.27.1	Apache Software License
requests-file	1.5.1	Apache Software License
requests-ntlm	1.1.0	ISC License (ISCL)
requests-toolbelt	0.9.1	Apache Software License
rich	13.1.0	MIT License
selenium	4.1.0	Apache Software License
service-identity	21.1.0	MIT License
six	1.16.0	MIT License
sniffio	1.2.0	Apache Software License; MIT License
sortedcontainers	2.4.0	Apache Software License
sqlparse	0.4.2	BSD License
stevedore	3.5.0	Apache Software License
tenacity	8.2.3	Apache Software License

continues on next page

Table 1 – continued from previous page

Name	Version	License
text-unidecode	1.3	Artistic License; GNU General Public License (GPL); GNU General Public License v2 or later (GPLv2+)
tiktoken	0.5.2	MIT License
tqdm	4.62.3	MIT License; Mozilla Public License 2.0 (MPL 2.0)
trio	0.19.0	Apache Software License; MIT License
trio-websocket	0.9.2	MIT License
typing-inspect	0.9.0	MIT License
typing_extensions	4.10.0	Python Software Foundation License
tzdata	2021.5	Apache Software License
tzlocal	4.2	MIT License
ua-parser	0.10.0	Apache Software License
ujson	5.1.0	BSD License
uritemplate	4.1.1	Apache Software License; BSD License
urllib3	1.26.8	MIT License
voss-tools	0.1.0	UNKNOWN
wspROTO	1.0.0	MIT License
xmlschema	1.9.2	MIT License
xmldict	0.12.0	MIT License
yarl	1.8.2	Apache Software License
zeep	4.1.0	MIT License
zope.event	4.5.0	Zope Public License
zope.interface	5.4.0	Zope Public License

2.2. Platform (Python)

Name	Version	License
CacheControl	0.12.11	Apache Software License
CherryPy	18.8.0	BSD License; Freely Distributable
Jinja2	3.1.2	BSD License
MarkupSafe	2.1.2	BSD License
Naked	0.1.32	MIT License
PyNaCl	1.5.0	Apache License 2.0
PyYAML	6.0	MIT License
Pygments	2.14.0	BSD License
SecretStorage	3.3.3	BSD License
attrs	22.2.0	MIT License

continues on next page

Table 2 – continued from previous page

Name	Version	License
autocommand	2.2.2	GNU Lesser General Public License v3 (LGPLv3)
banal	1.0.6	MIT License
bcrypt	4.0.1	Apache Software License
beautifulsoup4	4.11.2	MIT License
binaryornot	0.4.4	BSD License
boolean.py	4.0	BSD-2-Clause
bson	0.5.10	BSD
build	0.10.0	MIT License
cachy	0.3.0	MIT License
certifi	2022.12.7	Mozilla Public License 2.0 (MPL 2.0)
cff	1.15.1	MIT License
chardet	5.1.0	GNU Lesser General Public License v2 or later (LGPLv2+)
charset-normalizer	3.0.1	MIT License
cheroot	9.0.0	BSD License
cleo	1.0.0a5	MIT License
click	8.0.4	BSD License
colorama	0.4.6	BSD License
commoncode	31.0.2	Apache-2.0
container-inspector	32.0.1	Apache-2.0
crashtest	0.3.1	MIT License
cryptography	39.0.1	Apache Software License; BSD License
debian-inspector	31.0.0	Apache-2.0 AND BSD-3-Clause AND MIT
distlib	0.3.6	Python Software Foundation License
dnspython	2.3.0	ISC
docker	6.0.1	Apache Software License
docker-pycreds	0.4.0	Apache Software License
dockerfile-parse	2.0.0	BSD License
dparse2	0.7.0	MIT License
dulwich	0.20.50	Apache Software License
duplicity	2.2.3	GNU General Public License v2 (GPLv2)
envoy	0.0.3	MIT License
et-xmlfile	1.1.0	MIT License
extractcode	31.0.0	Apache-2.0
extractcode-7z	16.5.210531	apache-2.0 AND lgpl-2.1 and unrar and brian-gladman-3-clause
extractcode-libarchive	3.5.1.210531	apache-2.0 AND bsd-simplified
fasteners	0.18	Apache Software License
filelock	3.9.0	The Unlicense (Unlicense)

continues on next page

Table 2 – continued from previous page

Name	Version	License
fingerprints	1.1.0	MIT License
ftfy	6.1.1	MIT License
future	0.18.3	MIT License
gemfileparser2	0.9.3	GPL-3.0-or-later OR MIT
gevent	22.10.2	MIT License
greenlet	2.0.2	MIT License
grequests	0.6.0	BSD License
html5lib	1.1	MIT License
idna	3.4	BSD License
importlib-metadata	4.13.0	Apache Software License
inflect	6.0.2	MIT License
install	1.3.5	MIT License
installer	0.7.0	MIT License
intbitset	3.0.2	GNU Lesser General Public License v3 or later (LGPLv3+)
ipaddr	2.2.0	Apache Software License
ipaddress	1.0.23	Python Software Foundation License
isodate	0.6.1	BSD License
jaraco.classes	3.2.3	MIT License
jaraco.collections	3.8.0	MIT License
jaraco.context	4.3.0	MIT License
jaraco.functools	3.6.0	MIT License
jaraco.text	3.11.1	MIT License
javaproperties	0.8.1	MIT License
jdcal	1.4.1	BSD License
jeepney	0.8.0	MIT License
jsonschema	4.17.3	MIT License
jsonstreams	0.6.0	MIT License
keyring	23.13.1	MIT License
license-expression	30.1.0	Apache-2.0
lockfile	0.12.2	MIT License
lxml	4.9.2	BSD License
monotonic	1.6	Apache Software License
more-itertools	9.1.0	MIT License
msgpack	1.0.5	Apache Software License
normality	2.4.0	MIT License
numpy	1.24.2	BSD License
openpyxl	3.1.2	MIT License
packageurl-python	0.10.4	MIT License

continues on next page

Table 2 – continued from previous page

Name	Version	License
packaging	23.0	Apache Software License; BSD License
packvers	21.5	Apache Software License; BSD License
parameter-expansion-patched	0.3.1	Apache Software License
paramiko	3.1.0	GNU Library or Lesser General Public License (LGPL)
pdfminer.six	20221105	MIT License
pefile	2023.2.7	MIT
pexpect	4.8.0	ISC License (ISCL)
pip-requirements-parser	32.0.1	MIT
pkginfo	1.9.6	MIT License
pkginfo2	30.0.0	MIT License
platformdirs	2.6.2	MIT License
pluggy	1.0.0	MIT License
plugincode	31.0.0	Apache-2.0
ply	3.11	BSD
poetry	1.2.0	MIT License
poetry-core	1.1.0	MIT License
poetry-plugin-export	1.1.2	MIT License
portend	3.1.0	MIT License
ptyprocess	0.7.0	ISC License (ISCL)
publicsuffix2	2.20191221	MIT License; Mozilla Public License 2.0 (MPL 2.0)
pyOpenSSL	23.0.0	Apache Software License
pySLALIB	1.0.4	UNKNOWN
pyahocorasick	2.0.0	BSD License
pyasn1	0.4.8	BSD License
pycparser	2.21	BSD License
pycryptodome	3.17	Apache Software License; BSD License; Public Domain
pydantic	1.10.6	MIT License
pyelliptic	1.5.8	BSD
pygmars	0.8.0	Apache-2.0
pylev	1.4.0	BSD License
pymaven-patch	0.3.0	Apache-2
pymongo	3.12.0	Apache Software License
pyparsing	3.0.9	MIT License
pyproject_hooks	1.0.0	MIT License
pyrsistent	0.19.3	MIT License
python-dateutil	2.8.2	Apache Software License; BSD License
python-iptables	1.0.1	Apache Software License

continues on next page

Table 2 – continued from previous page

Name	Version	License
pytz	2022.7.1	MIT License
rapidfuzz	2.13.7	MIT License
rdflib	6.2.0	BSD License
requests	2.28.2	Apache Software License
requests-toolbelt	0.9.1	Apache Software License
saneyaml	0.6.0	Apache-2.0
scancode-toolkit	31.2.4	Apache-2.0 AND CC-BY-4.0 AND LicenseRef-scancode-other-permissive AND LicenseRef-scancode-other-copyleft
setuptools-scm	7.1.0	MIT License
shellescape	3.8.1	MIT License
shellingham	1.5.0.post1	ISC License (ISCL)
simplejson	3.18.3	Academic Free License (AFL); MIT License
six	1.16.0	MIT License
soupsieve	2.4	MIT License
spdx-tools	0.7.0a3	Apache Software License
tempora	5.2.1	MIT License
text-unidecode	1.3	Artistic License; GNU General Public License (GPL); GNU General Public License v2 or later (GPLv2+)
toml	0.10.2	MIT License
tomli	2.0.1	MIT License
tomlkit	0.11.6	MIT License
trove-classifiers	2023.2.8	Apache Software License
typecode	30.0.0	Apache-2.0
typecode-libmagic	5.39.210531	apache-2.0 AND bsd-simplified-darwin AND (bsd-simplified AND public-domain AND bsd-new AND isc AND (bsd-new OR gpl-1.0-plus) AND bsd-original)
typing_extensions	4.5.0	Python Software Foundation License
urllib3	1.26.14	MIT License
urlpy	0.5	MIT License
virtualenv	20.19.0	MIT License
virtualenv-clone	0.5.7	MIT License
webencodings	0.5.1	BSD License
websocket-client	1.5.1	Apache Software License
xlrd	2.0.1	BSD License
xlwt	1.3.0	BSD License
xmldict	0.13.0	MIT License
zc.lockfile	3.0.post1	Zope Public License
zipp	3.14.0	MIT License
zope.event	4.6	Zope Public License

continues on next page

Table 2 – continued from previous page

Name	Version	License
zope.interface	5.5.2	Zope Public License

2.3. Portal (JavaScript)

Table 3: Portal JavaScript Licenses

module name	name	version	licenses
@angular/animations@15.2.2	@angular/animations	15.2.2	MIT
@angular/cdk@15.2.2	@angular/cdk	15.2.2	MIT
@angular/common@15.2.2	@angular/common	15.2.2	MIT
@angular/compiler@15.2.2	@angular/compiler	15.2.2	MIT
@angular/core@15.2.2	@angular/core	15.2.2	MIT
@angular/forms@15.2.2	@angular/forms	15.2.2	MIT
@angular/platform-browser-dynamic@15.2.2	@angular/platform-browser-dynamic	15.2.2	MIT
@angular/platform-browser@15.2.2	@angular/platform-browser	15.2.2	MIT
@angular/router@15.2.2	@angular/router	15.2.2	MIT
@babel/runtime-corejs3@7.21.0	@babel/runtime-corejs3	7.21.0	MIT
@braintree/sanitize-url@6.0.4	@braintree/sanitize-url	6.0.4	MIT
@fullcalendar/core@4.4.2	@fullcalendar/core	4.4.2	MIT
@fullcalendar/daygrid@4.4.2	@fullcalendar/daygrid	4.4.2	MIT
@fullcalendar/interaction@4.4.2	@fullcalendar/interaction	4.4.2	MIT
@fullcalendar/timegrid@4.4.2	@fullcalendar/timegrid	4.4.2	MIT
@ngrx/effects@15.3.0	@ngrx/effects	15.3.0	MIT
@ngrx/entity@15.3.0	@ngrx/entity	15.3.0	MIT
@ngrx/router-store@15.3.0	@ngrx/router-store	15.3.0	MIT
@ngrx/store@15.3.0	@ngrx/store	15.3.0	MIT
@types/marked@4.3.1	@types/marked	4.3.1	MIT
angular-gridster2@15.0.4	angular-gridster2	15.0.4	MIT
call-bind@1.0.2	call-bind	1.0.2	MIT
chart.js@3.9.1	chart.js	3.9.1	MIT
clipboard@2.0.11	clipboard	2.0.11	MIT

continues on next page

Table 3 – continued from previous page

module name	name	version	licenses
clone@2.1.2	clone	2.1.2	MIT
commander@7.2.0	commander	7.2.0	MIT
commander@8.3.0	commander	8.3.0	MIT
core-js-pure@3.29.0	core-js-pure	3.29.0	MIT
core-js@3.12.0	core-js	3.12.0	MIT
cose-base@1.0.3	cose-base	1.0.3	MIT
cose-base@2.2.0	cose-base	2.2.0	MIT
cross-conf-env@1.3.0	cross-conf-env	1.3.0	MIT
cross-spawn@7.0.3	cross-spawn	7.0.3	MIT
crypto-js@4.1.1	crypto-js	4.1.1	MIT
cytoscape-cose-bilkent@4.1.0	cytoscape-cose-bilkent	4.1.0	MIT
cytoscape-fcose@2.2.0	cytoscape-fcose	2.2.0	MIT
cytoscape@3.26.0	cytoscape	3.26.0	MIT
d3-array@3.2.4	d3-array	3.2.4	ISC
d3-axis@3.0.0	d3-axis	3.0.0	ISC
d3-brush@3.0.0	d3-brush	3.0.0	ISC
d3-chord@3.0.1	d3-chord	3.0.1	ISC
d3-color@3.1.0	d3-color	3.1.0	ISC
d3-contour@4.0.2	d3-contour	4.0.2	ISC
d3-delaunay@6.0.4	d3-delaunay	6.0.4	ISC
d3-dispatch@3.0.1	d3-dispatch	3.0.1	ISC
d3-drag@3.0.0	d3-drag	3.0.0	ISC
d3-dsv@3.0.1	d3-dsv	3.0.1	ISC
d3-ease@3.0.1	d3-ease	3.0.1	BSD-3-Clause
d3-fetch@3.0.1	d3-fetch	3.0.1	ISC
d3-force@3.0.0	d3-force	3.0.0	ISC
d3-format@3.1.0	d3-format	3.1.0	ISC
d3-geo@3.1.0	d3-geo	3.1.0	ISC
d3-hierarchy@3.1.2	d3-hierarchy	3.1.2	ISC
d3-interpolate@3.0.1	d3-interpolate	3.0.1	ISC
d3-path@3.1.0	d3-path	3.1.0	ISC
d3-polygon@3.0.1	d3-polygon	3.0.1	ISC
d3-quadtree@3.0.1	d3-quadtree	3.0.1	ISC
d3-random@3.0.1	d3-random	3.0.1	ISC
d3-scale-chromatic@3.0.0	d3-scale-chromatic	3.0.0	ISC
d3-scale@4.0.2	d3-scale	4.0.2	ISC
d3-selection@3.0.0	d3-selection	3.0.0	ISC

continues on next page

Table 3 – continued from previous page

module name	name	version	licenses
d3-shape@3.2.0	d3-shape	3.2.0	ISC
d3-time-format@4.1.0	d3-time-format	4.1.0	ISC
d3-time@3.1.0	d3-time	3.1.0	ISC
d3-timer@3.0.1	d3-timer	3.0.1	ISC
d3-transition@3.0.1	d3-transition	3.0.1	ISC
d3-zoom@3.0.0	d3-zoom	3.0.0	ISC
d3@7.8.5	d3	7.8.5	ISC
dagre-d3-es@7.0.9	dagre-d3-es	7.0.9	MIT
dayjs@1.11.7	dayjs	1.11.7	MIT
deep-equal@1.1.1	deep-equal	1.1.1	MIT
define-properties@1.2.0	define-properties	1.2.0	MIT
delaunator@5.0.0	delaunator	5.0.0	ISC
delegate@3.2.0	delegate	3.2.0	MIT
dompurify@2.4.3	dompurify	2.4.3	(MPL-2.0 OR Apache-2.0)
elkjs@0.8.2	elkjs	0.8.2	EPL-2.0
emoji-toolkit@7.0.1	emoji-toolkit	7.0.1	MIT
entities@4.4.0	entities	4.4.0	BSD-2-Clause
eventemitter3@2.0.3	eventemitter3	2.0.3	MIT
extend@3.0.2	extend	3.0.2	MIT
fast-diff@1.1.2	fast-diff	1.1.2	Apache-2.0
function-bind@1.1.1	function-bind	1.1.1	MIT
functions-have-names@1.2.3	functions-have-names	1.2.3	MIT
get-intrinsic@1.2.0	get-intrinsic	1.2.0	MIT
good-listener@1.2.2	good-listener	1.2.2	MIT
has-property-descriptors@1.0.0	has-property-descriptors	1.0.0	MIT
has-symbols@1.0.3	has-symbols	1.0.3	MIT
has-tostringtag@1.0.0	has-tostringtag	1.0.0	MIT
has@1.0.3	has	1.0.3	MIT
heap@0.2.7	heap	0.2.7	MIT
hex-to-hsl@1.0.2	hex-to-hsl	1.0.2	ISC
hex-to-rgb@1.0.1	hex-to-rgb	1.0.1	MIT
highcharts-angular@3.1.2	highcharts-angular	3.1.2	MIT*
highcharts@10.3.3	highcharts	10.3.3	Custom: https://www.npmjs.com/package/highcharts-export-server
iconv-lite@0.6.3	iconv-lite	0.6.3	MIT
internmap@2.0.3	internmap	2.0.3	ISC

continues on next page

Table 3 – continued from previous page

module name	name	version	licenses
is-arguments@1.1.1	is-arguments	1.1.1	MIT
is-date-object@1.0.5	is-date-object	1.0.5	MIT
is-regex@1.1.4	is-regex	1.1.4	MIT
isexe@2.0.0	isexe	2.0.0	ISC
katex@0.16.8	katex	0.16.8	MIT
khroma@2.0.0	khroma	2.0.0	MIT*
layout-base@1.0.2	layout-base	1.0.2	MIT
layout-base@2.0.1	layout-base	2.0.1	MIT
lodash-es@4.17.21	lodash-es	4.17.21	MIT
lodash@4.17.21	lodash	4.17.21	MIT
marked@4.3.0	marked	4.3.0	MIT
mermaid@9.4.3	mermaid	9.4.3	MIT
moment-timezone@0.5.43	moment-timezone	0.5.43	MIT
moment@2.29.4	moment	2.29.4	MIT
monaco-editor@0.34.1	monaco-editor	0.34.1	MIT
ngx-markdown@15.1.2	ngx-markdown	15.1.2	MIT
ngx-monaco-editor-v2@15.0.1	ngx-monaco-editor-v2	15.0.1	MIT
non-layered-tidy-tree-layout@2.0.2	non-layered-tidy-tree-layout	2.0.2	MIT
object-hash@2.2.0	object-hash	2.2.0	MIT
object-is@1.1.5	object-is	1.1.5	MIT
object-keys@1.1.1	object-keys	1.1.1	MIT
parchment@1.1.4	parchment	1.1.4	BSD-3-Clause
parse5@7.1.2	parse5	7.1.2	MIT
path-key@3.1.1	path-key	3.1.1	MIT
primeflex@3.3.0	primeflex	3.3.0	MIT
primeicons@6.0.1	primeicons	6.0.1	MIT
primeng@15.2.0	primeng	15.2.0	MIT
prismjs@1.29.0	prismjs	1.29.0	MIT
quill-delta@3.6.3	quill-delta	3.6.3	MIT
quill@1.3.7	quill	1.3.7	BSD-3-Clause
regenerator-runtime@0.13.11	regenerator-runtime	0.13.11	MIT
regexp.prototype.flags@1.4.3	reg-exp.prototype.flags	1.4.3	MIT
rgb-to-hsl@0.0.2	rgb-to-hsl	0.0.2	MIT
robust-predicates@3.0.2	robust-predicates	3.0.2	Unlicense
rw@1.3.3	rw	1.3.3	BSD-3-Clause

continues on next page

Table 3 – continued from previous page

module name	name	version	licenses
rxjs@7.8.0	rxjs	7.8.0	Apache-2.0
safer-buffer@2.1.2	safer-buffer	2.1.2	MIT
select@1.1.2	select	1.1.2	MIT
shebang-command@2.0.0	shebang-command	2.0.0	MIT
shebang-regex@3.0.0	shebang-regex	3.0.0	MIT
stylis@4.3.0	stylis	4.3.0	MIT
tabulator-tables@5.5.1	tabulator-tables	5.5.1	MIT
tiny-emitter@2.1.0	tiny-emitter	2.1.0	MIT
ts-dedent@2.2.0	ts-dedent	2.2.0	MIT
tslib@2.4.0	tslib	2.4.0	0BSD
uuid@9.0.0	uuid	9.0.0	MIT
voss4uc@24.1.1	voss4uc	24.1.1	UNLICENSED
web-animations-js@2.3.2	web-animations-js	2.3.2	Apache-2.0
web-worker@1.2.0	web-worker	1.2.0	Apache-2.0
which@2.0.2	which	2.0.2	ISC
xlsx@0.20.0	xlsx	0.20.0	Apache-2.0
xregexp@4.4.1	xregexp	4.4.1	MIT
zone.js@0.11.8	zone.js	0.11.8	MIT

2.4. Self-service (JavaScript)

Table 4: Self-service JavaScript Licenses

module name	name	version	licenses
@npmcli/ci-detect@1.4.0	@npmcli/ci-detect	1.4.0	ISC
@npmcli/git@2.1.0	@npmcli/git	2.1.0	ISC
@npmcli/installed-package-contents@1.0.7	@npmcli/installed-package-contents	1.0.7	ISC
@npmcli/move-file@1.1.2	@npmcli/move-file	1.1.2	MIT
@npmcli/node-gyp@1.0.3	@npmcli/node-gyp	1.0.3	ISC
@npmcli/promise-spawn@1.3.2	@npmcli/promise-spawn	1.3.2	ISC
@npmcli/run-script@1.8.6	@npmcli/run-script	1.8.6	ISC
@tootallnate/once@1.1.2	@tootallnate/once	1.1.2	MIT
abbrev@1.1.1	abbrev	1.1.1	ISC
accepts@1.3.5	accepts	1.3.5	MIT
agent-base@6.0.2	agent-base	6.0.2	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
agentkeepalive@4.2.1	agentkeepalive	4.2.1	MIT
aggregate-error@3.1.0	aggregate-error	3.1.0	MIT
ajv@5.5.2	ajv	5.5.2	MIT
ajv@6.12.6	ajv	6.12.6	MIT
ansi-regex@2.1.1	ansi-regex	2.1.1	MIT
aproba@1.2.0	aproba	1.2.0	ISC
are-we-there-yet@1.1.7	are-we-there-yet	1.1.7	ISC
array-flatten@1.1.1	array-flatten	1.1.1	MIT
asn1@0.2.4	asn1	0.2.4	MIT
assert-plus@1.0.0	assert-plus	1.0.0	MIT
async@1.0.0	async	1.0.0	MIT
asynckit@0.4.0	asynckit	0.4.0	MIT
aws-sign2@0.7.0	aws-sign2	0.7.0	Apache-2.0
aws4@1.8.0	aws4	1.8.0	MIT
balanced-match@1.0.0	balanced-match	1.0.0	MIT
base64-js@1.5.1	base64-js	1.5.1	MIT
bcrypt-pbkdf@1.0.2	bcrypt-pbkdf	1.0.2	BSD-3-Clause
bindings@1.1.1	bindings	1.1.1	MIT*
bl@4.1.0	bl	4.1.0	MIT
body-parser@1.18.3	body-parser	1.18.3	MIT
bower-npm-resolver@0.11.0	bower-npm-resolver	0.11.0	MIT
bower@1.8.14	bower	1.8.14	MIT
brace-expansion@1.1.11	brace-expansion	1.1.11	MIT
buffer@5.7.1	buffer	5.7.1	MIT
builtins@1.0.3	builtins	1.0.3	MIT
bytes@3.0.0	bytes	3.0.0	MIT
cacache@15.0.5	cacache	15.0.5	ISC
caseless@0.12.0	caseless	0.12.0	Apache-2.0
chownr@1.1.4	chownr	1.1.4	ISC
chownr@2.0.0	chownr	2.0.0	ISC
clean-stack@2.2.0	clean-stack	2.2.0	MIT
co@4.6.0	co	4.6.0	MIT
code-point-at@1.1.0	code-point-at	1.1.0	MIT
colors@1.0.3	colors	1.0.3	MIT
combined-stream@1.0.7	combined-stream	1.0.7	MIT
concat-map@0.0.1	concat-map	0.0.1	MIT
console-control-strings@1.1.0	console-control-strings	1.1.0	ISC

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
content-disposition@0.5.2	content-disposition	0.5.2	MIT
content-type@1.0.4	content-type	1.0.4	MIT
cookie-parser@1.4.3	cookie-parser	1.4.3	MIT
cookie-signature@1.0.6	cookie-signature	1.0.6	MIT
cookie@0.3.1	cookie	0.3.1	MIT
cookie@0.4.0	cookie	0.4.0	MIT
core-util-is@1.0.2	core-util-is	1.0.2	MIT
csp-header@5.1.0	csp-header	5.1.0	WTFPL
csrf@3.1.0	csrf	3.1.0	MIT
csurf@1.11.0	csurf	1.11.0	MIT
cuid@2.1.4	cuid	2.1.4	MIT
cycle@1.0.3	cycle	1.0.3	Custom: https://github.com/douglascrockford/JSON-js
dashdash@1.14.1	dashdash	1.14.1	MIT
debug@2.6.9	debug	2.6.9	MIT
debug@4.3.4	debug	4.3.4	MIT
decompress-response@3.3.0	decompress-response	3.3.0	MIT
deep-extend@0.6.0	deep-extend	0.6.0	MIT
delayed-stream@1.0.0	delayed-stream	1.0.0	MIT
delegates@1.0.0	delegates	1.0.0	MIT
depd@1.1.2	depd	1.1.2	MIT
destroy@1.0.4	destroy	1.0.4	MIT
ecc-jsbn@0.1.2	ecc-jsbn	0.1.2	MIT
ee-first@1.1.1	ee-first	1.1.1	MIT
ejs@2.6.1	ejs	2.6.1	Apache-2.0
encodeurl@1.0.2	encodeurl	1.0.2	MIT
encoding@0.1.13	encoding	0.1.13	MIT
end-of-stream@1.4.4	end-of-stream	1.4.4	MIT
env-paths@2.2.1	env-paths	2.2.1	MIT
err-code@1.1.2	err-code	1.1.2	MIT
err-code@2.0.3	err-code	2.0.3	MIT
escape-html@1.0.3	escape-html	1.0.3	MIT
escape-string-regexp@4.0.0	escape-string-regexp	4.0.0	MIT
etag@1.8.1	etag	1.8.1	MIT
express-csp-header@5.1.0	express-csp-header	5.1.0	WTFPL
express@4.16.4	express	4.16.4	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
extend@3.0.2	extend	3.0.2	MIT
extsprintf@1.3.0	extsprintf	1.3.0	MIT
eyes@0.1.8	eyes	0.1.8	MIT
fast-deep-equal@1.1.0	fast-deep-equal	1.1.0	MIT
fast-deep-equal@3.1.3	fast-deep-equal	3.1.3	MIT
fast-json-stable-stringify@2.0.0	fast-json-stable-stringify	2.0.0	MIT
finalhandler@1.1.1	finalhandler	1.1.1	MIT
forever-agent@0.6.1	forever-agent	0.6.1	Apache-2.0
form-data@2.3.3	form-data	2.3.3	MIT
forwarded@0.1.2	forwarded	0.1.2	MIT
fresh@0.5.2	fresh	0.5.2	MIT
fs-constants@1.0.0	fs-constants	1.0.0	MIT
fs-minipass@2.1.0	fs-minipass	2.1.0	ISC
fs-write-stream-atomic@1.0.10	fs-write-stream-atomic	1.0.10	ISC
fs.realpath@1.0.0	fs.realpath	1.0.0	ISC
gauge@2.7.4	gauge	2.7.4	ISC
getpass@0.1.7	getpass	0.1.7	MIT
glob@7.1.3	glob	7.1.3	ISC
glob@7.2.3	glob	7.2.3	ISC
glossy@0.1.7	glossy	0.1.7	MIT
graceful-fs@4.1.11	graceful-fs	4.1.11	ISC
graceful-fs@4.2.10	graceful-fs	4.2.10	ISC
har-schema@2.0.0	har-schema	2.0.0	ISC
har-validator@5.1.0	har-validator	5.1.0	ISC
har-validator@5.1.5	har-validator	5.1.5	MIT
has-unicode@2.0.1	has-unicode	2.0.1	ISC
hosted-git-info@4.1.0	hosted-git-info	4.1.0	ISC
http-cache-semantics@4.1.0	http-cache-semantics	4.1.0	BSD-2-Clause
http-errors@1.6.3	http-errors	1.6.3	MIT
http-errors@1.7.3	http-errors	1.7.3	MIT
http-proxy-agent@4.0.1	http-proxy-agent	4.0.1	MIT
http-signature@1.2.0	http-signature	1.2.0	MIT
https-proxy-agent@5.0.1	https-proxy-agent	5.0.1	MIT
humanize-ms@1.2.1	humanize-ms	1.2.1	MIT
iconv-lite@0.4.23	iconv-lite	0.4.23	MIT
iconv-lite@0.6.3	iconv-lite	0.6.3	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
ieee754@1.2.1	ieee754	1.2.1	BSD-3-Clause
iferr@0.1.5	iferr	0.1.5	MIT
ignore-walk@3.0.4	ignore-walk	3.0.4	ISC
imurmurhash@0.1.4	imurmurhash	0.1.4	MIT
indent-string@4.0.0	indent-string	4.0.0	MIT
infer-owner@1.0.4	infer-owner	1.0.4	ISC
inflight@1.0.6	inflight	1.0.6	ISC
inherits@2.0.3	inherits	2.0.3	ISC
inherits@2.0.4	inherits	2.0.4	ISC
ini@1.3.5	ini	1.3.5	ISC
ip@2.0.0	ip	2.0.0	MIT
ipaddr.js@1.8.0	ipaddr.js	1.8.0	MIT
is-fullwidth-code-point@1.0.0	is-fullwidth-code-point	1.0.0	MIT
is-lambda@1.0.1	is-lambda	1.0.1	MIT
is-typedarray@1.0.0	is-typedarray	1.0.0	MIT
isarray@1.0.0	isarray	1.0.0	MIT
isexe@2.0.0	isexe	2.0.0	ISC
isstream@0.1.2	isstream	0.1.2	MIT
jsbn@0.1.1	jsbn	0.1.1	MIT
json-parse-even-better-errors@2.3.1	json-parse-even-better-errors	2.3.1	MIT
json-schema-traverse@0.3.1	json-schema-traverse	0.3.1	MIT
json-schema-traverse@0.4.1	json-schema-traverse	0.4.1	MIT
json-schema@0.2.3	json-schema	0.2.3	AFLv2.1,BSD
json-stringify-safe@5.0.1	json-stringify-safe	5.0.1	ISC
jsonparse@1.3.1	jsonparse	1.3.1	MIT
jsprim@1.4.1	jsprim	1.4.1	MIT
lodash@4.17.20	lodash	4.17.20	MIT
lodash@4.17.21	lodash	4.17.21	MIT
lru-cache@6.0.0	lru-cache	6.0.0	ISC
make-fetch-happen@8.0.14	make-fetch-happen	8.0.14	ISC
media-typer@0.3.0	media-typer	0.3.0	MIT
merge-descriptors@1.0.1	merge-descriptors	1.0.1	MIT
methods@1.1.2	methods	1.1.2	MIT
mime-db@1.37.0	mime-db	1.37.0	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
mime-types@2.1.21	mime-types	2.1.21	MIT
mime@1.4.1	mime	1.4.1	MIT
mimic-response@1.0.1	mimic-response	1.0.1	MIT
minimatch@3.0.4	minimatch	3.0.4	ISC
minimatch@3.1.2	minimatch	3.1.2	ISC
minimist@0.0.8	minimist	0.0.8	MIT
minimist@1.2.0	minimist	1.2.0	MIT
minipass-collect@1.0.2	minipass-collect	1.0.2	ISC
minipass-fetch@1.4.1	minipass-fetch	1.4.1	MIT
minipass-flush@1.0.5	minipass-flush	1.0.5	ISC
minipass-json-stream@1.0.1	minipass-json-stream	1.0.1	MIT
minipass-pipeline@1.2.4	minipass-pipeline	1.2.4	ISC
minipass-sized@1.0.3	minipass-sized	1.0.3	ISC
minipass@3.3.4	minipass	3.3.4	ISC
minizlib@2.1.2	minizlib	2.1.2	MIT
mkdirp-classic@0.5.3	mkdirp-classic	0.5.3	MIT
mkdirp@0.5.1	mkdirp	0.5.1	MIT
mkdirp@1.0.4	mkdirp	1.0.4	MIT
ms@2.0.0	ms	2.0.0	MIT
ms@2.1.2	ms	2.1.2	MIT
nan@2.3.5	nan	2.3.5	MIT
negotiator@0.6.1	negotiator	0.6.1	MIT
nested-error-stacks@2.0.1	nested-error-stacks	2.0.1	MIT
node-gyp@7.1.2	node-gyp	7.1.2	MIT
nopt@5.0.0	nopt	5.0.0	ISC
npm-bundled@1.1.2	npm-bundled	1.1.2	ISC
npm-install-checks@4.0.0	npm-install-checks	4.0.0	BSD-2-Clause
npm-normalize-package-bin@1.0.1	npm-normalize-package-bin	1.0.1	ISC
npm-package-arg@8.1.5	npm-package-arg	8.1.5	ISC
npm-packlist@2.2.2	npm-packlist	2.2.2	ISC
npm-pick-manifest@6.1.1	npm-pick-manifest	6.1.1	ISC
npm-registry-fetch@8.1.5	npm-registry-fetch	8.1.5	ISC
npmlog@4.1.2	npmlog	4.1.2	ISC
number-is-nan@1.0.1	number-is-nan	1.0.1	MIT
oauth-sign@0.9.0	oauth-sign	0.9.0	Apache-2.0
object-assign@4.1.1	object-assign	4.1.1	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
on-finished@2.3.0	on-finished	2.3.0	MIT
once@1.4.0	once	1.4.0	ISC
p-map@4.0.0	p-map	4.0.0	MIT
packument@1.0.0	packument	1.0.0	MIT
pacote@11.1.11	pacote	11.1.11	ISC
parseurl@1.3.2	parseurl	1.3.2	MIT
path-is-absolute@1.0.1	path-is-absolute	1.0.1	MIT
path-parse@1.0.6	path-parse	1.0.6	MIT
path-to-regexp@0.1.7	path-to-regexp	0.1.7	MIT
performance-now@2.1.0	performance-now	2.1.0	MIT
process-nextick-args@2.0.0	process-nextick-args	2.0.0	MIT
promise-inflight@1.0.1	promise-inflight	1.0.1	ISC
promise-retry@1.1.1	promise-retry	1.1.1	MIT
promise-retry@2.0.1	promise-retry	2.0.1	MIT
proxy-addr@2.0.4	proxy-addr	2.0.4	MIT
psl@1.1.29	psl	1.1.29	MIT
psl@1.8.0	psl	1.8.0	MIT
pump@3.0.0	pump	3.0.0	MIT
punycode@1.4.1	punycode	1.4.1	MIT
punycode@2.1.1	punycode	2.1.1	MIT
q@1.5.1	q	1.5.1	MIT
qs@6.5.2	qs	6.5.2	BSD-3-Clause
random-bytes@1.0.0	random-bytes	1.0.0	MIT
range-parser@1.2.0	range-parser	1.2.0	MIT
raw-body@2.3.3	raw-body	2.3.3	MIT
rc@1.2.8	rc	1.2.8	(BSD-2-Clause OR MIT OR Apache-2.0)
read-package-json-fast@1.2.2	read-package-json-fast	1.2.2	ISC
read-package-json-fast@2.0.3	read-package-json-fast	2.0.3	ISC
readable-stream@2.3.6	readable-stream	2.3.6	MIT
readable-stream@3.6.0	readable-stream	3.6.0	MIT
registry-auth-token@3.3.2	registry-auth-token	3.3.2	MIT
registry-url@3.1.0	registry-url	3.1.0	MIT
request@2.88.0	request	2.88.0	Apache-2.0
request@2.88.2	request	2.88.2	Apache-2.0
requireg@0.2.2	requireg	0.2.2	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
resolve@1.7.1	resolve	1.7.1	MIT
retry@0.10.1	retry	0.10.1	MIT
retry@0.12.0	retry	0.12.0	MIT
rimraf@3.0.2	rimraf	3.0.2	ISC
rndm@1.2.0	rndm	1.2.0	MIT
safe-buffer@5.1.2	safe-buffer	5.1.2	MIT
safer-buffer@2.1.2	safer-buffer	2.1.2	MIT
selfservice@24.1.0	selfservice	24.1.0	UNLICENSED
semver@7.3.2	semver	7.3.2	ISC
semver@7.3.7	semver	7.3.7	ISC
send@0.16.2	send	0.16.2	MIT
serve-static@1.13.2	serve-static	1.13.2	MIT
set-blocking@2.0.0	set-blocking	2.0.0	ISC
setprototypeof@1.1.0	setprototypeof	1.1.0	ISC
setprototypeof@1.1.1	setprototypeof	1.1.1	ISC
signal-exit@3.0.2	signal-exit	3.0.2	ISC
simple-concat@1.0.0	simple-concat	1.0.0	MIT
simple-get@3.0.3	simple-get	3.0.3	MIT
smart-buffer@4.2.0	smart-buffer	4.2.0	MIT
socks-proxy-agent@5.0.1	socks-proxy-agent	5.0.1	MIT
socks@2.7.1	socks	2.7.1	MIT
sshpk@1.15.2	sshpk	1.15.2	MIT
ssri@8.0.1	ssri	8.0.1	ISC
stack-trace@0.0.10	stack-trace	0.0.10	MIT
statuses@1.4.0	statuses	1.4.0	MIT
statuses@1.5.0	statuses	1.5.0	MIT
string-width@1.0.2	string-width	1.0.2	MIT
string_decoder@1.1.1	string_decoder	1.1.1	MIT
strip-ansi@3.0.1	strip-ansi	3.0.1	MIT
strip-json-comments@2.0.1	strip-json-comments	2.0.1	MIT
tar-fs@2.1.0	tar-fs	2.1.0	MIT
tar-stream@2.2.0	tar-stream	2.2.0	MIT
tar@6.1.11	tar	6.1.11	ISC
toidentifier@1.0.0	toidentifier	1.0.0	MIT
tough-cookie@2.4.3	tough-cookie	2.4.3	BSD-3-Clause
tough-cookie@2.5.0	tough-cookie	2.5.0	BSD-3-Clause
tsscmp@1.0.6	tsscmp	1.0.6	MIT

continues on next page

Table 4 – continued from previous page

module name	name	version	licenses
tunnel-agent@0.6.0	tunnel-agent	0.6.0	Apache-2.0
tweetnacl@0.14.5	tweetnacl	0.14.5	Unlicense
type-is@1.6.16	type-is	1.6.16	MIT
uid-safe@2.1.5	uid-safe	2.1.5	MIT
unique-filename@1.1.1	unique-filename	1.1.1	ISC
unique-slug@2.0.2	unique-slug	2.0.2	ISC
unix-dgram@0.2.3	unix-dgram	0.2.3	ISC
unpipe@1.0.0	unpipe	1.0.0	MIT
uri-js@4.4.1	uri-js	4.4.1	BSD-2-Clause
util-deprecate@1.0.2	util-deprecate	1.0.2	MIT
utils-merge@1.0.1	utils-merge	1.0.1	MIT
uuid@3.3.2	uuid	3.3.2	MIT
validate-npm-package-name@3.0.0	validate-npm-package-name	3.0.0	ISC
vary@1.1.2	vary	1.1.2	MIT
verror@1.10.0	verror	1.10.0	MIT
which@2.0.2	which	2.0.2	ISC
wide-align@1.1.5	wide-align	1.1.5	ISC
winston-syslog@1.2.6	winston-syslog	1.2.6	MIT
winston@2.4.4	winston	2.4.4	MIT
wrappy@1.0.2	wrappy	1.0.2	ISC
yallist@4.0.0	yallist	4.0.0	ISC

2.5. Insights API (JavaScript)

Table 5: Insights API JavaScript Licenses

module name	name	version	licenses
@fast-csv/format@4.3.5	@fast-csv/format	4.3.5	MIT
@fast-csv/format@5.0.0	@fast-csv/format	5.0.0	MIT
@fast-csv/parse@4.3.6	@fast-csv/parse	4.3.6	MIT
@fast-csv/parse@5.0.0	@fast-csv/parse	5.0.0	MIT
@isaacs/cliui@8.0.2	@isaacs/cliui	8.0.2	ISC
@lukeed/csprng@1.1.0	@lukeed/csprng	1.1.0	MIT
@nestjs/axios@3.0.2	@nestjs/axios	3.0.2	MIT
@nestjs/common@10.3.8	@nestjs/common	10.3.8	MIT
@nestjs/config@3.2.2	@nestjs/config	3.2.2	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
@nestjs/core@10.3.8	@nestjs/core	10.3.8	MIT
@nestjs/jwt@10.2.0	@nestjs/jwt	10.2.0	MIT
@nestjs/platform-express@10.3.8	@nestjs/platform-express	10.3.8	MIT
@nestjs/schedule@4.0.2	@nestjs/schedule	4.0.2	MIT
@nuxtjs/opencollective@0.3.2	@nuxtjs/opencollective	0.3.2	MIT
@pkgjs/parseargs@0.11.0	@pkgjs/parseargs	0.11.0	MIT
@types/body-parser@1.19.5	@types/body-parser	1.19.5	MIT
@types/bson@4.0.5	@types/bson	4.0.5	MIT
@types/connect@3.4.38	@types/connect	3.4.38	MIT
@types/express-serve-static-core@4.19.0	@types/express-serve-static-core	4.19.0	MIT
@types/express@4.17.21	@types/express	4.17.21	MIT
@types/http-errors@2.0.4	@types/http-errors	2.0.4	MIT
@types/jsonwebtoken@9.0.5	@types/jsonwebtoken	9.0.5	MIT
@types/luxon@3.4.2	@types/luxon	3.4.2	MIT
@types/mime@1.3.5	@types/mime	1.3.5	MIT
@types/mongodb@3.6.20	@types/mongodb	3.6.20	MIT
@types/node@14.18.63	@types/node	14.18.63	MIT
@types/node@20.12.11	@types/node	20.12.11	MIT
@types/qs@6.9.15	@types/qs	6.9.15	MIT
@types/range-parser@1.2.7	@types/range-parser	1.2.7	MIT
@types/send@0.17.4	@types/send	0.17.4	MIT
@types/serve-static@1.15.7	@types/serve-static	1.15.7	MIT
@types/validator@13.11.9	@types/validator	13.11.9	MIT
@voss/automate-session-jwt-middleware@2.7.1	@voss/automate-session-jwt-middleware	2.7.1	ISC
accepts@1.3.8	accepts	1.3.8	MIT
ansi-regex@5.0.1	ansi-regex	5.0.1	MIT
ansi-regex@6.0.1	ansi-regex	6.0.1	MIT
ansi-styles@4.3.0	ansi-styles	4.3.0	MIT
ansi-styles@6.2.1	ansi-styles	6.2.1	MIT
append-field@1.0.0	append-field	1.0.0	MIT
archiver-utils@2.1.0	archiver-utils	2.1.0	MIT
archiver-utils@3.0.4	archiver-utils	3.0.4	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
archiver@5.3.2	archiver	5.3.2	MIT
array-flatten@1.1.1	array-flatten	1.1.1	MIT
async@3.2.5	async	3.2.5	MIT
asynckit@0.4.0	asynckit	0.4.0	MIT
axios-retry@4.1.0	axios-retry	4.1.0	Apache-2.0
axios@1.6.8	axios	1.6.8	MIT
balanced-match@1.0.2	balanced-match	1.0.2	MIT
base64-js@1.5.1	base64-js	1.5.1	MIT
big-integer@1.6.52	big-integer	1.6.52	Unlicense
binary@0.3.0	binary	0.3.0	MIT
bl@2.2.1	bl	2.2.1	MIT
bl@4.1.0	bl	4.1.0	MIT
bluebird@3.4.7	bluebird	3.4.7	MIT
bluebird@3.5.1	bluebird	3.5.1	MIT
body-parser@1.20.2	body-parser	1.20.2	MIT
brace-expansion@1.1.11	brace-expansion	1.1.11	MIT
brace-expansion@2.0.1	brace-expansion	2.0.1	MIT
bson@1.1.6	bson	1.1.6	Apache-2.0
buffer-crc32@0.2.13	buffer-crc32	0.2.13	MIT
buffer-equal-constant-time@1.0.1	buffer-equal-constant-time	1.0.1	BSD-3-Clause
buffer-from@1.1.2	buffer-from	1.1.2	MIT
buffer-indexof-polyfill@1.0.2	buffer-indexof-polyfill	1.0.2	MIT
buffer@5.7.1	buffer	5.7.1	MIT
buffers@0.1.1	buffers	0.1.1	Custom: http://github.com/substack/node-bufferlist
busboy@1.6.0	busboy	1.6.0	MIT
bytes@3.1.2	bytes	3.1.2	MIT
call-bind@1.0.7	call-bind	1.0.7	MIT
chainsaw@0.1.0	chainsaw	0.1.0	MIT*
chalk@4.1.2	chalk	4.1.2	MIT
class-transformer@0.5.1	class-transformer	0.5.1	MIT
class-validator@0.14.1	class-validator	0.14.1	MIT
color-convert@2.0.1	color-convert	2.0.1	MIT
color-name@1.1.4	color-name	1.1.4	MIT
combined-stream@1.0.8	combined-stream	1.0.8	MIT
compress-commons@4.1.2	compress-commons	4.1.2	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
concat-map@0.0.1	concat-map	0.0.1	MIT
concat-stream@1.6.2	concat-stream	1.6.2	MIT
consola@2.15.3	consola	2.15.3	MIT
content-disposition@0.5.4	content-disposition	0.5.4	MIT
content-type@1.0.5	content-type	1.0.5	MIT
cookie-signature@1.0.6	cookie-signature	1.0.6	MIT
cookie@0.6.0	cookie	0.6.0	MIT
core-util-is@1.0.3	core-util-is	1.0.3	MIT
cors@2.8.5	cors	2.8.5	MIT
crc-32@1.2.2	crc-32	1.2.2	Apache-2.0
crc32-stream@4.0.3	crc32-stream	4.0.3	MIT
cron@3.1.7	cron	3.1.7	MIT
cross-spawn@7.0.3	cross-spawn	7.0.3	MIT
dayjs@1.11.11	dayjs	1.11.11	MIT
debug@2.6.9	debug	2.6.9	MIT
debug@3.1.0	debug	3.1.0	MIT
define-data-property@1.1.4	define-data-property	1.1.4	MIT
delayed-stream@1.0.0	delayed-stream	1.0.0	MIT
denque@1.5.1	denque	1.5.1	Apache-2.0
depd@2.0.0	depd	2.0.0	MIT
destroy@1.2.0	destroy	1.2.0	MIT
dotenv-expand@10.0.0	dotenv-expand	10.0.0	BSD-2-Clause
dotenv@16.4.5	dotenv	16.4.5	BSD-2-Clause
duplexer2@0.1.4	duplexer2	0.1.4	BSD-3-Clause
eastasianwidth@0.2.0	eastasianwidth	0.2.0	MIT
ecdsa-sig-formatter@1.0.11	ecdsa-sig-formatter	1.0.11	Apache-2.0
ee-first@1.1.1	ee-first	1.1.1	MIT
emoji-regex@8.0.0	emoji-regex	8.0.0	MIT
emoji-regex@9.2.2	emoji-regex	9.2.2	MIT
encodeurl@1.0.2	encodeurl	1.0.2	MIT
encoding@0.1.13	encoding	0.1.13	MIT
end-of-stream@1.4.4	end-of-stream	1.4.4	MIT
es-define-property@1.0.0	es-define-property	1.0.0	MIT
es-errors@1.3.0	es-errors	1.3.0	MIT
escape-html@1.0.3	escape-html	1.0.3	MIT
etag@1.8.1	etag	1.8.1	MIT
exceljs@4.4.0	exceljs	4.4.0	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
express@4.19.2	express	4.19.2	MIT
fast-csv@4.3.6	fast-csv	4.3.6	MIT
fast-csv@5.0.1	fast-csv	5.0.1	MIT
fast-safe-stringify@2.1.1	fast-safe-stringify	2.1.1	MIT
finalhandler@1.2.0	finalhandler	1.2.0	MIT
follow-redirects@1.15.6	follow-redirects	1.15.6	MIT
foreground-child@3.1.1	foreground-child	3.1.1	ISC
form-data@4.0.0	form-data	4.0.0	MIT
forwarded@0.2.0	forwarded	0.2.0	MIT
fresh@0.5.2	fresh	0.5.2	MIT
fs-constants@1.0.0	fs-constants	1.0.0	MIT
fs.realpath@1.0.0	fs.realpath	1.0.0	ISC
fstream@1.0.12	fstream	1.0.12	ISC
function-bind@1.1.2	function-bind	1.1.2	MIT
get-intrinsic@1.2.4	get-intrinsic	1.2.4	MIT
glob@10.3.10	glob	10.3.10	ISC
glob@7.2.3	glob	7.2.3	ISC
gopd@1.0.1	gopd	1.0.1	MIT
graceful-fs@4.2.11	graceful-fs	4.2.11	ISC
has-flag@4.0.0	has-flag	4.0.0	MIT
has-property-descriptors@1.0.2	has-property-descriptors	1.0.2	MIT
has-proto@1.0.3	has-proto	1.0.3	MIT
has-symbols@1.0.3	has-symbols	1.0.3	MIT
hasown@2.0.2	hasown	2.0.2	MIT
http-errors@2.0.0	http-errors	2.0.0	MIT
iconv-lite@0.4.24	iconv-lite	0.4.24	MIT
iconv-lite@0.6.3	iconv-lite	0.6.3	MIT
ieee754@1.2.1	ieee754	1.2.1	BSD-3-Clause
immediate@3.0.6	immediate	3.0.6	MIT
inflight@1.0.6	inflight	1.0.6	ISC
inherits@2.0.4	inherits	2.0.4	ISC
insights-api@0.0.1	insights-api	0.0.1	UNLICENSED
ipaddr.js@1.9.1	ipaddr.js	1.9.1	MIT
is-fullwidth-code-point@3.0.0	is-fullwidth-code-point	3.0.0	MIT
is-retry-allowed@2.2.0	is-retry-allowed	2.2.0	MIT
isarray@1.0.0	isarray	1.0.0	MIT
isexe@2.0.0	isexe	2.0.0	ISC

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
iterare@1.2.1	iterare	1.2.1	ISC
jackspeak@2.3.6	jackspeak	2.3.6	BlueOak-1.0.0
jsonwebtoken@9.0.2	jsonwebtoken	9.0.2	MIT
jszip@3.10.1	jszip	3.10.1	(MIT OR GPL-3.0-or-later)
jwa@1.4.1	jwa	1.4.1	MIT
jws@3.2.2	jws	3.2.2	MIT
kareem@2.3.2	kareem	2.3.2	Apache-2.0
lazystream@1.0.1	lazystream	1.0.1	MIT
libphonenumber-js@1.11.1	libphonenumber-js	1.11.1	MIT
lie@3.3.0	lie	3.3.0	MIT
listenercount@1.0.1	listenercount	1.0.1	ISC
lodash.defaults@4.2.0	lodash.defaults	4.2.0	MIT
lodash.difference@4.5.0	lodash.difference	4.5.0	MIT
lodash.escaperegexp@4.1.2	lo- dash.escaperegexp	4.1.2	MIT
lodash.flatten@4.4.0	lodash.flatten	4.4.0	MIT
lodash.groupby@4.6.0	lodash.groupby	4.6.0	MIT
lodash.includes@4.3.0	lodash.includes	4.3.0	MIT
lodash.isboolean@3.0.3	lodash.isboolean	3.0.3	MIT
lodash.isequal@4.5.0	lodash.isequal	4.5.0	MIT
lodash.isfunction@3.0.9	lodash.isfunction	3.0.9	MIT
lodash.isinteger@4.0.4	lodash.isinteger	4.0.4	MIT
lodash.isnil@4.0.0	lodash.isnil	4.0.0	MIT
lodash.isnumber@3.0.3	lodash.isnumber	3.0.3	MIT
lodash.isplainobject@4.0.6	lo- dash.isplainobject	4.0.6	MIT
lodash.isstring@4.0.1	lodash.isstring	4.0.1	MIT
lodash.isundefined@3.0.1	lodash.isundefined	3.0.1	MIT
lodash.once@4.1.1	lodash.once	4.1.1	MIT
lodash.union@4.6.0	lodash.union	4.6.0	MIT
lodash.uniq@4.5.0	lodash.uniq	4.5.0	MIT
lodash@4.17.21	lodash	4.17.21	MIT
lru-cache@10.2.2	lru-cache	10.2.2	ISC
luxon@3.4.4	luxon	3.4.4	MIT
media-typer@0.3.0	media-typer	0.3.0	MIT
memory-pager@1.5.0	memory-pager	1.5.0	MIT
merge-descriptors@1.0.1	merge-descriptors	1.0.1	MIT
methods@1.1.2	methods	1.1.2	MIT
mime-db@1.52.0	mime-db	1.52.0	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
mime-types@2.1.35	mime-types	2.1.35	MIT
mime@1.6.0	mime	1.6.0	MIT
minimatch@3.1.2	minimatch	3.1.2	ISC
minimatch@5.1.6	minimatch	5.1.6	ISC
minimatch@9.0.3	minimatch	9.0.3	ISC
minimist@1.2.8	minimist	1.2.8	MIT
minipass@7.1.0	minipass	7.1.0	ISC
mkdirp@0.5.6	mkdirp	0.5.6	MIT
moment@2.30.1	moment	2.30.1	MIT
mongodb@3.7.4	mongodb	3.7.4	Apache-2.0
mongoose-legacy-pluralize@1.0.2	mongoose-legacy-pluralize	1.0.2	Apache-2.0
mongoose@5.13.22	mongoose	5.13.22	MIT
mpath@0.8.4	mpath	0.8.4	MIT
mquery@3.2.5	mquery	3.2.5	MIT
ms@2.0.0	ms	2.0.0	MIT
ms@2.1.2	ms	2.1.2	MIT
ms@2.1.3	ms	2.1.3	MIT
multer@1.4.4-lts.1	multer	1.4.4-lts.1	MIT
negotiator@0.6.3	negotiator	0.6.3	MIT
node-fetch@2.7.0	node-fetch	2.7.0	MIT
normalize-path@3.0.0	normalize-path	3.0.0	MIT
object-assign@4.1.1	object-assign	4.1.1	MIT
object-inspect@1.13.1	object-inspect	1.13.1	MIT
on-finished@2.4.1	on-finished	2.4.1	MIT
once@1.4.0	once	1.4.0	ISC
optional-require@1.0.3	optional-require	1.0.3	Apache-2.0
optional-require@1.1.8	optional-require	1.1.8	Apache-2.0
pako@1.0.11	pako	1.0.11	(MIT AND Zlib)
parseurl@1.3.3	parseurl	1.3.3	MIT
path-is-absolute@1.0.1	path-is-absolute	1.0.1	MIT
path-key@3.1.1	path-key	3.1.1	MIT
path-scurry@1.10.2	path-scurry	1.10.2	BlueOak-1.0.0
path-to-regexp@0.1.7	path-to-regexp	0.1.7	MIT
path-to-regexp@3.2.0	path-to-regexp	3.2.0	MIT
process-nextick-args@2.0.1	process-nextick-args	2.0.1	MIT
proxy-addr@2.0.7	proxy-addr	2.0.7	MIT
proxy-from-env@1.1.0	proxy-from-env	1.1.0	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
qs@6.11.0	qs	6.11.0	BSD-3-Clause
range-parser@1.2.1	range-parser	1.2.1	MIT
raw-body@2.5.2	raw-body	2.5.2	MIT
readable-stream@2.3.8	readable-stream	2.3.8	MIT
readable-stream@3.6.2	readable-stream	3.6.2	MIT
readdir-glob@1.1.3	readdir-glob	1.1.3	Apache-2.0
reflect-metadata@0.1.14	reflect-metadata	0.1.14	Apache-2.0
regexp-clone@1.0.0	regexp-clone	1.0.0	MIT
require-at@1.0.6	require-at	1.0.6	Apache-2.0
rimraf@2.7.1	rimraf	2.7.1	ISC
rimraf@5.0.5	rimraf	5.0.5	ISC
rxjs@7.8.1	rxjs	7.8.1	Apache-2.0
safe-buffer@5.1.2	safe-buffer	5.1.2	MIT
safe-buffer@5.2.1	safe-buffer	5.2.1	MIT
safer-buffer@2.1.2	safer-buffer	2.1.2	MIT
saslprep@1.0.3	saslprep	1.0.3	MIT
saxes@5.0.1	saxes	5.0.1	ISC
semver@7.6.1	semver	7.6.1	ISC
send@0.18.0	send	0.18.0	MIT
serve-static@1.15.0	serve-static	1.15.0	MIT
set-function-length@1.2.2	set-function-length	1.2.2	MIT
setimmediate@1.0.5	setimmediate	1.0.5	MIT
setprototypeof@1.2.0	setprototypeof	1.2.0	ISC
shebang-command@2.0.0	shebang-command	2.0.0	MIT
shebang-regex@3.0.0	shebang-regex	3.0.0	MIT
side-channel@1.0.6	side-channel	1.0.6	MIT
sift@13.5.2	sift	13.5.2	MIT
signal-exit@4.1.0	signal-exit	4.1.0	ISC
sliced@1.0.1	sliced	1.0.1	MIT
sparse-bitfield@3.0.3	sparse-bitfield	3.0.3	MIT
statuses@2.0.1	statuses	2.0.1	MIT
streamsearch@1.1.0	streamsearch	1.1.0	MIT
string-width@4.2.3	string-width	4.2.3	MIT
string-width@5.1.2	string-width	5.1.2	MIT
string_decoder@1.1.1	string_decoder	1.1.1	MIT
string_decoder@1.3.0	string_decoder	1.3.0	MIT
strip-ansi@6.0.1	strip-ansi	6.0.1	MIT

continues on next page

Table 5 – continued from previous page

module name	name	version	licenses
strip-ansi@7.1.0	strip-ansi	7.1.0	MIT
supports-color@7.2.0	supports-color	7.2.0	MIT
tar-stream@2.2.0	tar-stream	2.2.0	MIT
tmp@0.2.3	tmp	0.2.3	MIT
toidentifier@1.0.1	toidentifier	1.0.1	MIT
tr46@0.0.3	tr46	0.0.3	MIT
traverse@0.3.9	traverse	0.3.9	MIT*
tslib@2.6.2	tslib	2.6.2	0BSD
type-is@1.6.18	type-is	1.6.18	MIT
typedarray@0.0.6	typedarray	0.0.6	MIT
uid@2.0.2	uid	2.0.2	MIT
undici-types@5.26.5	undici-types	5.26.5	MIT
unpipe@1.0.0	unpipe	1.0.0	MIT
unzipper@0.10.14	unzipper	0.10.14	MIT
util-deprecate@1.0.2	util-deprecate	1.0.2	MIT
utils-merge@1.0.1	utils-merge	1.0.1	MIT
uuid@8.3.2	uuid	8.3.2	MIT
uuid@9.0.1	uuid	9.0.1	MIT
validator@13.11.0	validator	13.11.0	MIT
vary@1.1.2	vary	1.1.2	MIT
webidl-conversions@3.0.1	webidl-conversions	3.0.1	BSD-2-Clause
whatwg-url@5.0.0	whatwg-url	5.0.0	MIT
which@2.0.2	which	2.0.2	ISC
wrap-ansi@7.0.0	wrap-ansi	7.0.0	MIT
wrap-ansi@8.1.0	wrap-ansi	8.1.0	MIT
wrappy@1.0.2	wrappy	1.0.2	ISC
xmlchars@2.2.0	xmlchars	2.2.0	MIT
xtend@4.0.2	xtend	4.0.2	MIT
zip-stream@4.1.1	zip-stream	4.1.1	MIT

2.6. Insights - VOSS Sync (JavaScript)

Table 6: Insights - VOSS Sync JavaScript Licenses

module name	name	version	licenses
@colors/colors@1.6.0	@colors/colors	1.6.0	MIT
@dabh/diagnostics@2.0.3	@dabh/diagnostics	2.0.3	MIT

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
@pm2/agent@2.0.4	@pm2/agent	2.0.4	AGPL-3.0
@pm2/io@6.0.1	@pm2/io	6.0.1	Apache*
@pm2/js-api@0.8.0	@pm2/js-api	0.8.0	Apache*
@pm2/pm2-version-check@1.0.4	@pm2/pm2-version-check	1.0.4	MIT
@sindresorhus/is@4.6.0	@sindresorhus/is	4.6.0	MIT
@szmarczak/http-timer@4.0.6	@szmarczak/http-timer	4.0.6	MIT
@tootallnate/quickjs-emscripten@0.23.0	@tootallnate/quickjs-emscripten	0.23.0	MIT
@types/bson@4.0.5	@types/bson	4.0.5	MIT
@types/cacheable-request@6.0.3	@types/cacheable-request	6.0.3	MIT
@types/http-cache-semantics@4.0.4	@types/http-cache-semantics	4.0.4	MIT
@types/keyv@3.1.4	@types/keyv	3.1.4	MIT
@types/mongodb@3.6.20	@types/mongodb	3.6.20	MIT
@types/node@22.4.2	@types/node	22.4.2	MIT
@types/responselike@1.0.3	@types/responselike	1.0.3	MIT
@types/triple-beam@1.3.5	@types/triple-beam	1.3.5	MIT
agent-base@7.1.1	agent-base	7.1.1	MIT
amp-message@0.1.2	amp-message	0.1.2	MIT
amp@0.3.1	amp	0.3.1	MIT
ansi-colors@4.1.3	ansi-colors	4.1.3	MIT
ansi-styles@4.3.0	ansi-styles	4.3.0	MIT
anymatch@3.1.3	anymatch	3.1.3	ISC
argparse@2.0.1	argparse	2.0.1	Python-2.0
assert-options@0.8.1	assert-options	0.8.1	MIT
ast-types@0.13.4	ast-types	0.13.4	MIT
async@2.6.4	async	2.6.4	MIT
async@3.2.6	async	3.2.6	MIT
basic-ftp@5.0.5	basic-ftp	5.0.5	MIT
binary-extensions@2.3.0	binary-extensions	2.3.0	MIT
bl@2.2.1	bl	2.2.1	MIT
blessed@0.1.81	blessed	0.1.81	MIT
bluebird@3.5.1	bluebird	3.5.1	MIT
bodec@0.1.0	bodec	0.1.0	MIT
braces@3.0.3	braces	3.0.3	MIT

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
bson@1.1.6	bson	1.1.6	Apache-2.0
buffer-from@1.1.2	buffer-from	1.1.2	MIT
cacheable-lookup@5.0.4	cacheable-lookup	5.0.4	MIT
cacheable-request@7.0.4	cacheable-request	7.0.4	MIT
chalk@3.0.0	chalk	3.0.0	MIT
charm@0.1.2	charm	0.1.2	MIT*
chokidar@3.6.0	chokidar	3.6.0	MIT
cli-tableau@2.0.1	cli-tableau	2.0.1	MIT*
clone-response@1.0.3	clone-response	1.0.3	MIT
color-convert@1.9.3	color-convert	1.9.3	MIT
color-convert@2.0.1	color-convert	2.0.1	MIT
color-name@1.1.3	color-name	1.1.3	MIT
color-name@1.1.4	color-name	1.1.4	MIT
color-string@1.9.1	color-string	1.9.1	MIT
color@3.2.1	color	3.2.1	MIT
colorspace@1.1.4	colorspace	1.1.4	MIT
commander@2.15.1	commander	2.15.1	MIT
core-util-is@1.0.3	core-util-is	1.0.3	MIT
croner@4.1.97	croner	4.1.97	MIT
csv-parser@2.3.5	csv-parser	2.3.5	MIT
culvert@0.1.2	culvert	0.1.2	MIT
data-uri-to-buffer@6.0.2	data-uri-to-buffer	6.0.2	MIT
dayjs@1.11.13	dayjs	1.11.13	MIT
dayjs@1.8.36	dayjs	1.8.36	MIT
debug@3.1.0	debug	3.1.0	MIT
debug@3.2.7	debug	3.2.7	MIT
debug@4.3.6	debug	4.3.6	MIT
decompress-response@6.0.0	decompress-response	6.0.0	MIT
defer-to-connect@2.0.1	defer-to-connect	2.0.1	MIT
degenerator@5.0.1	degenerator	5.0.1	MIT
denque@1.5.1	denque	1.5.1	Apache-2.0
enabled@2.0.0	enabled	2.0.0	MIT
end-of-stream@1.4.4	end-of-stream	1.4.4	MIT
enquirer@2.3.6	enquirer	2.3.6	MIT
escape-string-regexp@4.0.0	escape-string-regexp	4.0.0	MIT
escodegen@2.1.0	escodegen	2.1.0	BSD-2-Clause
esprima@4.0.1	esprima	4.0.1	BSD-2-Clause

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
estaverse@5.3.0	estaverse	5.3.0	BSD-2-Clause
esutils@2.0.3	esutils	2.0.3	BSD-2-Clause
eventemitter2@0.4.14	eventemitter2	0.4.14	MIT
eventemitter2@5.0.1	eventemitter2	5.0.1	MIT
eventemitter2@6.4.9	eventemitter2	6.4.9	MIT
extrareqp2@1.0.0	extrareqp2	1.0.0	MIT
fast-json-patch@3.1.1	fast-json-patch	3.1.1	MIT
fclone@1.0.11	fclone	1.0.11	MIT
fecha@4.2.3	fecha	4.2.3	MIT
fill-range@7.1.1	fill-range	7.1.1	MIT
fn.name@1.1.0	fn.name	1.1.0	MIT
follow-redirects@1.15.6	follow-redirects	1.15.6	MIT
fs-extra@11.2.0	fs-extra	11.2.0	MIT
function-bind@1.1.2	function-bind	1.1.2	MIT
get-stream@5.2.0	get-stream	5.2.0	MIT
get-uri@6.0.3	get-uri	6.0.3	MIT
git-node-fs@1.0.0	git-node-fs	1.0.0	MIT
git-sha1@0.1.2	git-sha1	0.1.2	MIT
glob-parent@5.1.2	glob-parent	5.1.2	ISC
got@11.8.6	got	11.8.6	MIT
graceful-fs@4.2.11	graceful-fs	4.2.11	ISC
has-flag@4.0.0	has-flag	4.0.0	MIT
hasown@2.0.2	hasown	2.0.2	MIT
http-cache-semantics@4.1.1	http-cache-semantics	4.1.1	BSD-2-Clause
http-proxy-agent@7.0.2	http-proxy-agent	7.0.2	MIT
http2-wrapper@1.0.3	http2-wrapper	1.0.3	MIT
https-proxy-agent@7.0.5	https-proxy-agent	7.0.5	MIT
iconv-lite@0.4.24	iconv-lite	0.4.24	MIT
inherits@2.0.4	inherits	2.0.4	ISC
ini@1.3.8	ini	1.3.8	ISC
ip-address@9.0.5	ip-address	9.0.5	MIT
is-arrayish@0.3.2	is-arrayish	0.3.2	MIT
is-binary-path@2.1.0	is-binary-path	2.1.0	MIT
is-core-module@2.15.0	is-core-module	2.15.0	MIT
is-extglob@2.1.1	is-extglob	2.1.1	MIT
is-glob@4.0.3	is-glob	4.0.3	MIT
is-number@7.0.0	is-number	7.0.0	MIT

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
is-stream@2.0.1	is-stream	2.0.1	MIT
isarray@1.0.0	isarray	1.0.0	MIT
js-git@0.7.8	js-git	0.7.8	MIT
js-yaml@4.1.0	js-yaml	4.1.0	MIT
jsbn@1.1.0	jsbn	1.1.0	MIT
json-buffer@3.0.1	json-buffer	3.0.1	MIT
json-stringify-safe@5.0.1	json-stringify-safe	5.0.1	ISC
jsonfile@6.1.0	jsonfile	6.1.0	MIT
kareem@2.3.2	kareem	2.3.2	Apache-2.0
keyv@4.5.4	keyv	4.5.4	MIT
kuler@2.0.0	kuler	2.0.0	MIT
lazy@1.0.11	lazy	1.0.11	MIT
lodash@4.17.21	lodash	4.17.21	MIT
logform@2.6.1	logform	2.6.1	MIT
lowercase-keys@2.0.0	lowercase-keys	2.0.0	MIT
lru-cache@6.0.0	lru-cache	6.0.0	ISC
lru-cache@7.18.3	lru-cache	7.18.3	ISC
memory-pager@1.5.0	memory-pager	1.5.0	MIT
mimic-response@1.0.1	mimic-response	1.0.1	MIT
mimic-response@3.1.0	mimic-response	3.1.0	MIT
minimist@1.2.8	minimist	1.2.8	MIT
mkdirp@1.0.4	mkdirp	1.0.4	MIT
module-details-from-path@1.0.3	module-details-from-path	1.0.3	MIT
moment@2.30.1	moment	2.30.1	MIT
mongoose@3.7.4	mongoose	3.7.4	Apache-2.0
mongoose-legacy-pluralize@1.0.2	mongoose-legacy-pluralize	1.0.2	Apache-2.0
mongoose@5.13.22	mongoose	5.13.22	MIT
mpath@0.8.4	mpath	0.8.4	MIT
mquery@3.2.5	mquery	3.2.5	MIT
ms@2.0.0	ms	2.0.0	MIT
ms@2.1.2	ms	2.1.2	MIT
mute-stream@0.0.8	mute-stream	0.0.8	ISC
needle@2.4.0	needle	2.4.0	MIT
netmask@2.0.2	netmask	2.0.2	MIT
node-mongoose@1.0.0	node-mongoose	1.0.0	ISC
normalize-path@3.0.0	normalize-path	3.0.0	MIT
normalize-url@6.1.0	normalize-url	6.1.0	MIT

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
nsocket@0.6.0	nsocket	0.6.0	MIT
once@1.4.0	once	1.4.0	ISC
one-time@1.0.0	one-time	1.0.0	MIT
optional-require@1.0.3	optional-require	1.0.3	Apache-2.0
optional-require@1.1.8	optional-require	1.1.8	Apache-2.0
p-cancelable@2.1.1	p-cancelable	2.1.1	MIT
pac-proxy-agent@7.0.2	pac-proxy-agent	7.0.2	MIT
pac-resolver@7.0.1	pac-resolver	7.0.1	MIT
pako@0.2.9	pako	0.2.9	MIT
path-parse@1.0.7	path-parse	1.0.7	MIT
pg-cloudflare@1.1.1	pg-cloudflare	1.1.1	MIT
pg-connection-string@2.6.4	pg-connection-string	2.6.4	MIT
pg-hstore@2.3.4	pg-hstore	2.3.4	MIT
pg-int8@1.0.1	pg-int8	1.0.1	ISC
pg-minify@1.6.5	pg-minify	1.6.5	MIT
pg-pool@3.6.2	pg-pool	3.6.2	MIT
pg-promise@11.9.1	pg-promise	11.9.1	MIT
pg-protocol@1.6.1	pg-protocol	1.6.1	MIT
pg-types@2.2.0	pg-types	2.2.0	MIT
pg@8.12.0	pg	8.12.0	MIT
pgpass@1.0.5	pgpass	1.0.5	MIT
picomatch@2.3.1	picomatch	2.3.1	MIT
pidusage@2.0.21	pidusage	2.0.21	MIT
pidusage@3.0.2	pidusage	3.0.2	MIT
pm2-axon-rpc@0.7.1	pm2-axon-rpc	0.7.1	MIT
pm2-axon@4.0.1	pm2-axon	4.0.1	MIT
pm2-deploy@1.0.2	pm2-deploy	1.0.2	MIT
pm2-multimeter@0.1.2	pm2-multimeter	0.1.2	MIT*
pm2-sysmonit@1.2.8	pm2-sysmonit	1.2.8	Apache*
pm2@5.4.2	pm2	5.4.2	AGPL-3.0
postgres-array@2.0.0	postgres-array	2.0.0	MIT
postgres-bytea@1.0.0	postgres-bytea	1.0.0	MIT
postgres-date@1.0.7	postgres-date	1.0.7	MIT
postgres-interval@1.2.0	postgres-interval	1.2.0	MIT
process-nextick-args@2.0.1	process-nextick-args	2.0.1	MIT
promptly@2.2.0	promptly	2.2.0	MIT
proxy-agent@6.3.1	proxy-agent	6.3.1	MIT

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
proxy-from-env@1.1.0	proxy-from-env	1.1.0	MIT
pump@3.0.0	pump	3.0.0	MIT
quick-lru@5.1.1	quick-lru	5.1.1	MIT
read@1.0.7	read	1.0.7	ISC
readable-stream@2.3.8	readable-stream	2.3.8	MIT
readable-stream@3.6.2	readable-stream	3.6.2	MIT
readdirp@3.6.0	readdirp	3.6.0	MIT
regexp-clone@1.0.0	regexp-clone	1.0.0	MIT
require-at@1.0.6	require-at	1.0.6	Apache-2.0
require-in-the-middle@5.2.0	require-in-the-middle	5.2.0	MIT
resolve-alpn@1.2.1	resolve-alpn	1.2.1	MIT
resolve@1.22.8	resolve	1.22.8	MIT
responselike@2.0.1	responselike	2.0.1	MIT
run-series@1.1.9	run-series	1.1.9	MIT
safe-buffer@5.1.2	safe-buffer	5.1.2	MIT
safe-buffer@5.2.1	safe-buffer	5.2.1	MIT
safe-stable-stringify@2.4.3	safe-stable-stringify	2.4.3	MIT
safer-buffer@2.1.2	safer-buffer	2.1.2	MIT
saslprep@1.0.3	saslprep	1.0.3	MIT
sax@1.4.1	sax	1.4.1	ISC
semver@7.5.4	semver	7.5.4	ISC
semver@7.6.3	semver	7.6.3	ISC
shimmer@1.2.1	shimmer	1.2.1	BSD-2-Clause
sift@13.5.2	sift	13.5.2	MIT
signal-exit@3.0.7	signal-exit	3.0.7	ISC
simple-swizzle@0.2.2	simple-swizzle	0.2.2	MIT
sliced@1.0.1	sliced	1.0.1	MIT
smart-buffer@4.2.0	smart-buffer	4.2.0	MIT
socks-proxy-agent@8.0.4	socks-proxy-agent	8.0.4	MIT
socks@2.8.3	socks	2.8.3	MIT
source-map-support@0.5.21	source-map-support	0.5.21	MIT
source-map@0.6.1	source-map	0.6.1	BSD-3-Clause
sparse-bitfield@3.0.3	sparse-bitfield	3.0.3	MIT
spex@3.3.0	spex	3.3.0	MIT
split2@4.2.0	split2	4.2.0	ISC
sprintf-js@1.1.2	sprintf-js	1.1.2	BSD-3-Clause

continues on next page

Table 6 – continued from previous page

module name	name	version	licenses
sprintf-js@1.1.3	sprintf-js	1.1.3	BSD-3-Clause
stack-trace@0.0.10	stack-trace	0.0.10	MIT
string_decoder@1.1.1	string_decoder	1.1.1	MIT
supports-color@7.2.0	supports-color	7.2.0	MIT
supports-preserve-symlinks-flag@1.0.0	supports-preserve-symlinks-flag	1.0.0	MIT
systeminformation@5.23.4	systeminformation	5.23.4	MIT
text-hex@1.0.0	text-hex	1.0.0	MIT
through2@3.0.2	through2	3.0.2	MIT
to-regexp-range@5.0.1	to-regexp-range	5.0.1	MIT
triple-beam@1.4.1	triple-beam	1.4.1	MIT
tslib@1.9.3	tslib	1.9.3	Apache-2.0
tslib@2.6.3	tslib	2.6.3	0BSD
tv4@1.3.0	tv4	1.3.0	Public Domain,MIT
tx2@1.0.5	tx2	1.0.5	MIT
underscore@1.13.7	underscore	1.13.7	MIT
undici-types@6.19.8	undici-types	6.19.8	MIT
universalify@2.0.1	universalify	2.0.1	MIT
util-deprecate@1.0.2	util-deprecate	1.0.2	MIT
vizion@2.2.1	vizion	2.2.1	Apache-2.0
winston-transport@4.7.1	winston-transport	4.7.1	MIT
winston@3.14.2	winston	3.14.2	MIT
wrappy@1.0.2	wrappy	1.0.2	ISC
ws@7.5.10	ws	7.5.10	MIT
xtend@4.0.2	xtend	4.0.2	MIT
yallist@4.0.0	yallist	4.0.0	ISC

2.7. VOSS Automate Licensing Service

Name	Version	License
Deprecated	1.2.13	MIT License
Django	4.0.6	BSD License
PyYAML	6.0	MIT License
asgiref	3.5.2	BSD License
attrs	22.1.0	MIT License
certifi	2022.9.24	Mozilla Public License 2.0 (MPL 2.0)
cffi	1.15.1	MIT License

continues on next page

Table 7 – continued from previous page

charset-normalizer	2.1.1	MIT License
cryptography	38.0.1	Apache Software License; BSD License
dataclasses	0.6	Apache Software License
django-filter	22.1	BSD License
django-rest-framework	3.14.0	BSD License
django	1.3.6	BSD License
unicorn	20.1.0	MIT License
idna	3.4	BSD License
jwtcrypto	1.4.2	LGPLv3+
pyOpenSSL	22.0.0	Apache Software License
pyasn1	0.4.8	BSD License
pyasn1-modules	0.2.8	BSD License
pycparser	2.21	BSD License
pymongo	3.12.3	Apache Software License
pytz	2022.2.1	MIT License
requests	2.28.1	Apache Software License
service-identity	21.1.0	MIT License
six	1.16.0	MIT License
sqlparse	0.2.4	BSD License
toml	0.10.2	MIT License
uritemplate	4.1.1	Apache Software License; BSD License
urllib3	1.26.12	MIT License
wrapt	1.14.1	BSD License

2.8. 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.

2.8.1. 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 24.1-PB1

Table 1: Automate Ubuntu Open Source Licenses

Name	Version	Licenses
accountsservice	0.6.55-0ubuntu12~20.04.7	GPL-2+ GPL-3+
adduser	3.118ubuntu2	GPL-2.
aide	0.16.1-1ubuntu0.1	BSD-3-clause-like GPL-2+ other
aide-common	0.16.1-1ubuntu0.1	BSD-3-clause-like GPL-2+ other
alsa-topology-conf	1.2.2-1	BSD-3-clause
alsa-ucm-conf	1.2.2-1ubuntu0.13	BSD-3-clause
apparmor	2.13.3-7ubuntu5.3	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
apt	2.0.10	GPL-2
apt-utils	2.0.10	GPL-2
aptitude	0.8.12-1ubuntu4	GPL-2+
aptitude-common	0.8.12-1ubuntu4	GPL-2+
at	3.1.20-3.1ubuntu2	GPL-2+ GPL-3+ ISC
auditd	1:2.8.5-2ubuntu6	GPL-2 LGPL-2.1
base-files	11ubuntu5.8	GPL.
base-passwd	3.5.47	GPL-2 PD
bash	5.0-6ubuntu1.2	GPL-3.
bind9-dnsutils	1:9.16.48-0ubuntu0.20.04.1	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
bind9-host	1:9.16.48-0ubuntu0.20.04.1	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
bind9-libs:amd64	1:9.16.48-0ubuntu0.20.04.1	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
binutils	2.34-6ubuntu1.9	GFDL. GPL LGPL.
binutils-common:amd64	2.34-6ubuntu1.9	GFDL. GPL LGPL.
binutils-x86-64-linux-gnu	2.34-6ubuntu1.9	GFDL. GPL LGPL.

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
bsdmainutils	11.1.2ubuntu3	BSD-Lite
bsdutils	1:2.34-0.1ubuntu9.6	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	5.4.1-2	GPL-2 GPL-2+ TLP-4
btrfs-tools	4.15.1-1build1	GPL-2 GPL-2+ TLP-4
build-essential	12.8ubuntu1.1	GPL.
busybox-initramfs	1:1.30.1-4ubuntu6.4	GPL-2.
busybox-static	1:1.30.1-4ubuntu6.4	GPL-2.
bzip2	1.0.8-2	BSD-variant GPL-2
ca-certificates	20230311ubuntu0.20.04.1	GPL-2+ MPL-2.0
console-setup	1.194ubuntu3	GPL-2.
console-setup-linux	1.194ubuntu3	GPL-2.
containerd.io	1.6.9-1	Apache-2.0
coreutils	8.30-3ubuntu2	GPL-3.
cpio	2.13+dfsg-2ubuntu0.4	GPL-3
cpp	4:9.3.0-1ubuntu2	GPL.
cpp-5	5.5.0-12ubuntu1	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
cpp-7	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
cpp-9	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
cracklib-runtime	2.9.6-3.2	LGPL-2.1
crda	3.18-1build1	ISC copyleft-next-0.3.0
cron	3.0pl1-136ubuntu1	Artistic GPL-2+ ISC Paul-Vixie s-license
cryptsetup	2:2.2.2-3ubuntu2.4	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ GPL-2+ with OpenSSL exception LGPL-2.1+ LGPL-2.1+ with OpenSSL exception public- domain
cryptsetup-bin	2:2.2.2-3ubuntu2.4	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ GPL-2+ with OpenSSL exception LGPL-2.1+ LGPL-2.1+ with OpenSSL exception public- domain
cryptsetup-initramfs	2:2.2.2-3ubuntu2.4	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ GPL-2+ with OpenSSL exception LGPL-2.1+ LGPL-2.1+ with OpenSSL exception public- domain
cryptsetup-run	2:2.2.2-3ubuntu2.4	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ GPL-2+ with OpenSSL exception LGPL-2.1+ LGPL-2.1+ with OpenSSL exception public- domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
curl	7.68.0-1ubuntu2.22	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
dash	0.5.10.2-6	GPL
dbus	1.12.16-2ubuntu2.3	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	1.12.16-2ubuntu2.3	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	1.5.73	BSD-2-clause
debconf-i18n	1.5.73	BSD-2-clause
debianutils	4.9.1	GPL.
debootstrap	1.0.95ubuntu0.11	MIT
dhcpc3-client	4.1.ESV-R4-0ubuntu5.9	GPL.
dialog	1.3-20190808-1	LGPL-2.1.
diffutils	1:3.7-3	GFDL. GPL.
dirmngr	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
distro-info	0.23ubuntu1.1	ISC
distro-info-data	0.43ubuntu1.16	ISC
dmeventd	2:1.02.175-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
dmidecode	3.2-3	GPL-2+
dmsetup	2:1.02.175-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
docker-ce	5:24.0.2-1~ubuntu.18.04~bionic	Apache License 2.0
docker-ce-cli	5:24.0.2-1~ubuntu.18.04~bionic	Apache License 2.0
dpkg	1.19.7ubuntu3.2	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
dpkg-dev	1.19.7ubuntu3.2	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
e2fslibs:amd64	1.45.5-2ubuntu1.1	GPL-2. LGPL-2.
e2fsprogs	1.45.5-2ubuntu1.1	GPL-2. LGPL-2.
e2fsprogs-l10n	1.45.5-2ubuntu1.1	GPL-2.
ecryptfs-utils	1:11-0ubuntu7	GPL-2
eject	2.1.5+deb1+cvs20081104-14	GPL-2.
fakechroot	2.19-3.2	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
fakeroot	1.24-1	Artistic GPL-3
fdisk	2.34-0.1ubuntu9.6	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	1:5.38-4	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with- legal-disclaimer-2 public-domain
findutils	4.7.0-1ubuntu1	GFDL-1.3. GPL-3.
fontconfig-config	2.13.1-2ubuntu3	LGPL
fonts-dejavu-core	2.37-1	GPL-2+ bitstream-vera
fonts-lato	2.0-2	GPL-2+ OFL-1.1
fuse	2.9.9-3	GPL-2 GPL-2+ LGPL-2
g++	4:9.3.0-1ubuntu2	GPL.
g++-7	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
g++-9	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc	4:9.3.0-1ubuntu2	GPL.
gcc-10-base:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc-4.6-base:amd64	4.6.4-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
gcc-4.9-base:amd64	4.9.3-13ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
gcc-5	5.5.0-12ubuntu1	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-7	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc-7-base:amd64	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc-8-base:amd64	8.4.0-3ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc-9	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gcc-9-base:amd64	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
gettext-base	0.19.8.1-10build1	GFDL GPL LGPL
gir1.2-glib-2.0:amd64	1.64.1-1~ubuntu20.04.1	BSD-2-clause GPL-2+ LGPL-2+ MIT
git	1:2.25.1-1ubuntu3.13	Apache-2.0 BSD-2-clause Boost EDL-1.0 Ex- pat GPL-1+ or Artistic-1 GPL-2 GPL-2+ ISC LGPL-2+ LGPL-2.1+ dlmalloc mingw-runtime
git-man	1:2.25.1-1ubuntu3.13	Apache-2.0 BSD-2-clause Boost EDL-1.0 Ex- pat GPL-1+ or Artistic-1 GPL-2 GPL-2+ ISC LGPL-2+ LGPL-2.1+ dlmalloc mingw-runtime

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
gnome-keyring-pkcs11:amd64	3.36.0-1ubuntu1	BSD-3-clause Expat FSFAP FSFUL FSFULLR FSFULLR or GPL-2+ with AutoConf exception FSFULLR or GPL-2+ with LibTool exception GPL-2+ GPL-2+ or LGPL-3+ GPL-2+ with AutoConf exception GPL-2+ with LibTool exception GPL-3+ with AutoConf exception LGPL-2+ LGPL-2.1+ LGPL-3+ MPL-1.1 MPL-1.1 or GPL-2+ or LGPL-2.1+ custom-license
gnupg	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gnupg-l10n	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gnupg-utils	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-agent	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-wks-client	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpg-wks-server	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgconf	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgsm	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
gpgv	2.2.19-3ubuntu2.2	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC-Reference TinySCHEME permissive
grep	3.4-1	GPL-3+
groff-base	1.22.4-4build1	GFDL-1.3 GPL-3
grub-common	2.04-1ubuntu26.17	CC-BY-SA-3.0 Expat GPL-3+
grub-gfxpayload-lists	0.7	GPL-3
grub-pc	2.04-1ubuntu26.17	CC-BY-SA-3.0 Expat GPL-3+
grub-pc-bin	2.04-1ubuntu26.17	CC-BY-SA-3.0 Expat GPL-3+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
grub2	2.04-1ubuntu26.17	CC-BY-SA-3.0 Expat GPL-3+
grub2-common	2.04-1ubuntu26.17	CC-BY-SA-3.0 Expat GPL-3+
guile-2.0-libs:amd64	2.0.13+1-5.4	LGPL.
guile-2.2-libs:amd64	2.2.7+1-4	LGPL. LGPL:
gzip	1.10-0ubuntu4.1	GPL.
hostname	3.23	GPL-2
ieee-data	20180805.1	GPL-2+ WTFPL-2 other
ifupdown	0.8.35ubuntu1	GPL-2+
init	1.57	BSD-3-clause GPL-2+
init-system-helpers	1.57	BSD-3-clause GPL-2+
initramfs-tools	0.136ubuntu6.7	GPL-2.
initramfs-tools-bin	0.136ubuntu6.7	GPL-2.
initramfs-tools-core	0.136ubuntu6.7	GPL-2.
initscripts	2.88dsf-59.3ubuntu2	GPL-2.
inotify-tools	3.14-8	GPL-2.1+ LGPL-2.1+
insserv	1.14.0-5ubuntu3	GPL-2.
iotop	0.6-24-g733f3f8-1ubuntu0.1	GPL-2+
iproute2	5.5.0-1ubuntu1	GPL-2
iptables	1.8.4-3ubuntu2.1	Artistic GPL-2 GPL-2+ custom
iputils-ping	3:20190709-3ubuntu1	GPL.
iputils-tracepath	3:20190709-3ubuntu1	GPL.
irqbalance	1.6.0-3ubuntu1	GPL-2
isc-dhcp-client	4.4.1-2.1ubuntu5.20.04.5	GPL-2 MPL-2.0
isc-dhcp-common	4.4.1-2.1ubuntu5.20.04.5	GPL-2 MPL-2.0
iso-codes	4.4-1	LGPL-2.1+
iw	5.4-1	ISC
javascript-common	11	GPL-2+
jq	1.6-1ubuntu0.20.04.1	CC-BY-3.0 Expat GPL-2.0+ MIT
kbd	2.0.4-4ubuntu2	GPL-2+ GPL-2-with-exceptions GPL-any
keyboard-configuration	1.194ubuntu3	GPL-2.
keyutils	1.6-6ubuntu1.1	GPL-2+ LGPL-2+
klibc-utils	2.0.7-1ubuntu5.2	GPL-2.
kmod	27-1ubuntu2.1	GPL-2
krb5-locales	1.17-6ubuntu4.4	GPL-2.
language-selector-common	0.204.2	GPL-2.
less	551-1ubuntu0.3	GPL-3

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libaccountsservice0:amd64	0.6.55-0ubuntu12~20.04.7	GPL-2+ GPL-3+
libacl1:amd64	2.2.53-6	GPL-2+ LGPL-2+
libaio1:amd64	0.3.112-5	LGPL-2.1+
libalgorithm-diff-perl	1.19.03-2	Artistic Artistic or GPL-1+ GPL-1+
libalgorithm-diff-xs-perl	0.04-6	Artistic Artistic or GPL-1+ GPL-1+
libalgorithm-merge-perl	0.08-3	Artistic Artistic or GPL-1+ GPL-1+
libapparmor1:amd64	2.13.3-7ubuntu5.3	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
libapr1:amd64	1.6.5-1ubuntu1	Apache-2.0
libaprutil1:amd64	1.6.1-4ubuntu2.2	Apache-2.0
libapt-pkg4.12:amd64	1.0.1ubuntu2.14	GPL-2
libapt-pkg6.0:amd64	2.0.10	GPL-2
libargon2-0	0~20171227-0.2	Apache-2.0 CC0 CC0 or Apache-2.0
libargon2-1:amd64	0~20171227-0.2	Apache-2.0 CC0 CC0 or Apache-2.0
libasan2:amd64	5.5.0-12ubuntu1	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
libasan4:amd64	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libasan5:amd64	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libasn1-8-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libasound2:amd64	1.2.2-2.1ubuntu2.5	LPGL-2.1+
libasound2-data	1.2.2-2.1ubuntu2.5	LPGL-2.1+
libassuan0:amd64	2.5.3-7ubuntu2	GAP GAP~FSF GPL-2+ GPL-2+ with libtool exception GPL-3+ LGPL-2.1+ LGPL-3+
libatm1:amd64	1:2.5.1-4	GPL-2
libatomic1:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libattr1:amd64	1:2.4.48-5	GPL-2+ LGPL-2+
libaudit-common	1:2.8.5-2ubuntu6	GPL-2 LGPL-2.1
libaudit1:amd64	1:2.8.5-2ubuntu6	GPL-2 LGPL-2.1
libauparse0:amd64	1:2.8.5-2ubuntu6	GPL-2 LGPL-2.1
libbind9-160:amd64	1:9.11.3+dfsg-1ubuntu1.17	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	2.34-6ubuntu1.9	GFDL. GPL LGPL.
libblkid1:amd64	2.34-0.1ubuntu9.6	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

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libboost-filesystem1.71.0:amd64	1.71.0-6ubuntu6	Apache-2.0 BSD2 BSD3_DEShaw BSD3_Google BSL-1.0 Caramel Cryst- talClear HP Jam Kempf MIT NIST OldBoost1 OldBoost2 OldBoost3 Python SGI Spencer Zlib
libboost-iostreams1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libboost-iostreams1.71.0:amd64	1.71.0-6ubuntu6	Apache-2.0 BSD2 BSD3_DEShaw BSD3_Google BSL-1.0 Caramel Cryst- talClear HP Jam Kempf MIT NIST OldBoost1 OldBoost2 OldBoost3 Python SGI Spencer Zlib
libboost-program-options1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libboost-program-options1.71.0:amd64	1.71.0-6ubuntu6	Apache-2.0 BSD2 BSD3_DEShaw BSD3_Google BSL-1.0 Caramel Cryst- talClear HP Jam Kempf MIT NIST OldBoost1 OldBoost2 OldBoost3 Python SGI Spencer Zlib
libboost-system1.65.1:amd64	1.65.1+dfsg-0ubuntu5	Boost bjam boostbook
libbrotli1:amd64	1.0.7-6ubuntu0.1	MIT
libbsd0:amd64	0.10.0-1	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-Regents BSD-3-clause-author 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
libbz2-1.0:amd64	1.0.8-2	BSD-variant GPL-2
libc-bin	2.31-0ubuntu9.16	GPL-2. LGPL-2.1.
libc-dev-bin	2.31-0ubuntu9.16	GPL-2. LGPL-2.1.
libc6:amd64	2.31-0ubuntu9.16	GPL-2. LGPL-2.1.
libc6-dev:amd64	2.31-0ubuntu9.16	GPL-2. LGPL-2.1.
libcairo-gobject2:amd64	1.16.0-4ubuntu1	LGPL-2.1
libcairo2:amd64	1.16.0-4ubuntu1	LGPL-2.1
libcanberra0:amd64	0.30-7ubuntu1	LGPL-2 LGPL-2.1
libcap-ng0:amd64	0.7.9-2.1build1	GPL-2. GPL-3. LGPL-2.1.
libcap2:amd64	1:2.32-1ubuntu0.1	BSD-3-clause BSD-3-clause or GPL-2 BSD-3- clause or GPL-2+ GPL-2 GPL-2+
libcap2-bin	1:2.32-1ubuntu0.1	BSD-3-clause BSD-3-clause or GPL-2 BSD-3- clause or GPL-2+ GPL-2 GPL-2+
libcbor0.6:amd64	0.6.0-0ubuntu1	Apache-2.0 Expat

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libcc1-0:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libcgi-fast-perl	1:2.15-1	Artistic Artistic or GPL-1+ GPL-1+
libcgi-pm-perl	4.46-1	Artistic Artistic or GPL-1+ Artistic-2.0 Artistic-2.0 or Artistic or GPL-1+ GPL-1+
libcilkrts5:amd64	7.5.0-6ubuntu2	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	1.45.5-2ubuntu1.1	MIT
libcomerr2:amd64	1.45.5-2ubuntu1.1	GPL-2. LGPL-2.
libcrack2:amd64	2.9.6-3.2	LGPL-2.1
libcrypt-dev:amd64	1:4.4.10-10ubuntu4	Public domain
libcrypt1:amd64	1:4.4.10-10ubuntu4	Public domain
libcryptsetup12:amd64	2:2.2.2-3ubuntu2.4	Apache-2.0 CC0 CC0 or Apache-2.0 GPL-2+ GPL-2+ with OpenSSL exception LGPL-2.1+ LGPL-2.1+ with OpenSSL exception public-domain
libctf-nobfd0:amd64	2.34-6ubuntu1.9	GFDL. GPL LGPL.
libctf0:amd64	2.34-6ubuntu1.9	GFDL. GPL LGPL.
libcurl3-gnutls:amd64	7.68.0-1ubuntu2.22	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libcurl4:amd64	7.68.0-1ubuntu2.22	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libcwidget3v5:amd64	0.5.17-7	GPL-2+
libcwidget4:amd64	0.5.18-5build1	GPL-2+
libdb5.1:amd64	5.1.29-7ubuntu1	Oracle Berkeley DB
libdb5.3:amd64	5.3.28+dfsg1-0.6ubuntu2	Oracle Berkeley DB
libdbus-1-3:amd64	1.12.16-2ubuntu2.3	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	1.12.16-2ubuntu2.3	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-glib-1-2:amd64	0.110-5fakssync1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1 or Expat
libdebconfclient0:amd64	0.251ubuntu1	public domain
libdevmapper-event1.02.1:amd64	2:1.02.175-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
libdevmapper1.02.1:amd64	2:1.02.175-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
libdns-export1100	1:9.11.3+dfsg-1ubuntu1.17	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libdns-export1109	1:9.11.16+dfsg-3~ubuntu1	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
libdns1100:amd64	1:9.11.3+dfsg-1ubuntu1.17	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	1.19.7ubuntu3.2	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
libdrm-common	2.4.101-2~18.04.1	LGPL
libdrm-intel1:amd64	2.4.101-2~18.04.1	LGPL
libdrm-radeon1:amd64	2.4.101-2~18.04.1	LGPL
libdrm2:amd64	2.4.101-2~18.04.1	LGPL
libdumbnet1:amd64	1.12-9build1	4-clause BSD license BSD license
libdw1:amd64	0.176-1.1ubuntu0.1	GPL-2 GPL-3 LGPL-.
libecryptfs1	111-0ubuntu7	GPL-2
libedit2:amd64	3.1-20191231-1	BSD-3-clause
libefiboot1:amd64	37-2ubuntu2.2	GPL-2.0+ LGPL-2.0+
libefivar1:amd64	37-2ubuntu2.2	GPL-2.0+ LGPL-2.0+
libelf1:amd64	0.176-1.1ubuntu0.1	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.
liberror-perl	0.17029-1	Artistic Artistic or GPL-1+ GPL-1+ MIT/X11
libestr0	0.1.11-0adiscon2bionic1	LGPL-2.1.
libevent-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-2.1-7:amd64	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl
libevent-core-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-core-2.1-7:amd64	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl
libevent-dev	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl
libevent-extra-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-extra-2.1-7:amd64	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libevent-openssl-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-openssl-2.1-7:amd64	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl
libevent-pthreads-2.1-6:amd64	2.1.8-stable-4build1	BSD license
libevent-pthreads-2.1-7:amd64	2.1.11-stable-1	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl
libexpat1:amd64	2.2.9-1ubuntu0.6	MIT
libext2fs2:amd64	1.45.5-2ubuntu1.1	GPL-2. LGPL-2.
libfakechroot:amd64	2.19-3.2	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+
libfakeroot:amd64	1.24-1	Artistic GPL-3
libfastjson4:amd64	0.99.8-2	Apache-2.0 Expat
libfcgi-perl	0.79-1	PD other
libfdisk1:amd64	2.34-0.1ubuntu9.6	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
libffi6:amd64	3.2.1-8	GPL.
libffi7:amd64	3.3-4	GPL.
libfido2-1:amd64	1.3.1-1ubuntu2	BSD-2-clause ISC public-domain
libfile-fcntllock-perl	0.22-3build4	Artistic Artistic or GPL-1+ GPL-1+
libfile-find-rule-perl	0.34-1	Artistic Artistic or GPL-1+ GPL-1+
libfontconfig1:amd64	2.13.1-2ubuntu3	LGPL
libfreetype6:amd64	2.10.1-2ubuntu0.3	Apache-2.0 BSD-3-Clause FSFUL FSFULLR FTL GPL-2+ GPL-2+ or FTL GPL-3+ MIT MIT or GPL-2+ MPL-1.1 OFL-1.1 OpenGroup-BSD-like Permissive Public-Domain Zlib
libfribidi0:amd64	1.0.8-2ubuntu0.1	LGPL-2.1+
libfuse2:amd64	2.9.9-3	GPL-2 GPL-2+ LGPL-2
libgc1c2:amd64	1:7.6.4-0.4ubuntu1	custom:MIT style
libgcc-5-dev:amd64	5.5.0-12ubuntu1	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
libgcc-7-dev:amd64	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libgcc-9-dev:amd64	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libgcc-s1:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libgcc1	1:10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libgcrypt11:amd64	1.5.3-2ubuntu4.3	GPL-2. LGPL
libgcrypt20:amd64	1.8.5-5ubuntu1.1	GPL-2. LGPL
libgdbm-compat4:amd64	1.18.1-5	GFDL-NIV-1.3+ GPL-2+ GPL-3+
libgdbm3:amd64	1.8.3-13.1	GPL-2
libgdbm5:amd64	1.14.1-6	GFDL-1.3+ GPL-3+
libgdbm6:amd64	1.18.1-5	GFDL-NIV-1.3+ GPL-2+ GPL-3+
libgeoip1:amd64	1.6.12-6build1	ISC LGPL-2.1+
libgirepository-1.0-1:amd64	1.64.1-1~ubuntu20.04.1	BSD-2-clause GPL-2+ LGPL-2+ MIT
libglib2.0-0:amd64	2.64.6-1~ubuntu20.04.7	LGPL.
libgmp10:amd64	2:6.2.0+dfsg-4ubuntu0.1	GPL-2. GPL-3. GPL. LGPL-3.
libgnutls26:amd64	2.12.23-12ubuntu2.5	GFDL-1.3. GPL. LGPL LGPL-2.1
libgnutls30:amd64	3.6.13-2ubuntu1.11	Apache-2.0 GFDL-1.3. GPL GPL-3) LGPL LGPL-3
libgomp1:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libgpg-error-l10n	1.37-1	BSD-3-clause GPL-3+ LGPL-2.1+ LGPL-2.1+ or BSD-3-clause g10-permissive
libgpg-error0:amd64	1.37-1	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+
libgsasl7:amd64	1.8.1-1	GFDL-1.3+ GPL-3+ LGPL-2+ other
libgssapi-krb5-2:amd64	1.17-6ubuntu4.4	GPL-2.
libgssapi3-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libhcrypto4-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libheimbase1-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libheimntlm0-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libhogweed4:amd64	3.4.1-0ubuntu0.18.04.1	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public-domain
libhogweed5:amd64	3.5.1+really3.5.1-2ubuntu0.2	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public-domain
libhtml-parser-perl	3.72-5	Artistic Artistic or GPL-1+ GPL-1+
libhtml-tagset-perl	3.20-4	Artistic Artistic or GPL-1+ GPL-1+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libhttp-date-perl	6.05-1	Artistic Artistic or GPL-1+ GPL-1+
libhttp-message-perl	6.22-1	Artistic Artistic or GPL-1+ GPL-1+
libhx509-5-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libicu60:amd64	60.2-3ubuntu3.1	UNICODE INC. LICENSE AGREEMENT
libicu66:amd64	66.1-2ubuntu2.1	UNICODE INC. LICENSE AGREEMENT
libidn11:amd64	1.33-2.2ubuntu2	GAP GFDL-1.3+ GPL-3+ LGPL-2.1+ LGPL-3+ or GPL-2+
libidn2-0:amd64	2.2.0-2	GPL-2+ GPL-3+ LGPL-3+ LGPL-3+ or GPL-2+ Unicode
libinotifytools0:amd64	3.14-8	GPL-2.1+ 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
libip4tc2:amd64	1.8.4-3ubuntu2.1	Artistic GPL-2 GPL-2+ custom
libip6tc0:amd64	1.6.1-2ubuntu2	Artistic-2 GPL-2 GPL-2+ custom
libip6tc2:amd64	1.8.4-3ubuntu2.1	Artistic GPL-2 GPL-2+ custom
libiptc0:amd64	1.8.4-3ubuntu2.1	Artistic GPL-2 GPL-2+ custom
libirs160:amd64	1:9.11.3+dfsg-1ubuntu1.17	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisc-export1105:amd64	1:9.11.16+dfsg-3~ubuntu1	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
libisc-export169:amd64	1:9.11.3+dfsg-1ubuntu1.17	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-1ubuntu1.17	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-1ubuntu1.17	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisccfg160:amd64	1:9.11.3+dfsg-1ubuntu1.17	BSD-2-clause BSD-3-clause BSD-4-clause ISC ISC or MPL-2.0 MPL-2.0 MPL-2.0 or ISC
libisl15:amd64	0.18-4	BSD-2-clause LGPL-2.1+ MIT
libisl19:amd64	0.19-1	BSD-2-clause LGPL-2.1+ MIT
libisl22:amd64	0.22.1-1	BSD-2-clause LGPL-2.1+ MIT
libitm1:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libjq1:amd64	1.6-1ubuntu0.20.04.1	CC-BY-3.0 Expat GPL-2.0+ MIT
libjs-jquery	3.3.1~dfsg-3	BSD-3-clause GPL-2 GPL-2 or MIT MIT MIT or BSD-3-clause or GPL-2

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libjs-sphinxdoc	1.8.5-7ubuntu3	BSD-2-clause BSD-3-clause Expat public-domain
libjs-underscore	1.9.1~dfsg-1ubuntu0.20.04.1	BSD-3-clause Expat GPL-3+
libjson-c3:amd64	0.12.1-1.3ubuntu0.3	MIT
libjson-c4:amd64	0.13.1+dfsg-7ubuntu0.3	Expat
libk5crypto3:amd64	1.17-6ubuntu4.4	GPL-2.
libkeyutils1:amd64	1.6-6ubuntu1.1	GPL-2+ LGPL-2+
libklibc:amd64	2.0.7-1ubuntu5.2	GPL-2.
libkmod2:amd64	27-1ubuntu2.1	GPL-2
libkrb5-26-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libkrb5-3:amd64	1.17-6ubuntu4.4	GPL-2.
libkrb5support0:amd64	1.17-6ubuntu4.4	GPL-2.
libksba8:amd64	1.3.5-2ubuntu0.20.04.2	GPL-3.
libkyotocabinet16v5:amd64	1.2.76-4.2build1	FOSS Exception GPL-3+ GPL-3+ or FOSS Exception or Link Exception Link Exception
libldap-2.4-2:amd64	2.4.49+dfsg-2ubuntu1.10	OpenLDAP Public License
libldap-common	2.4.49+dfsg-2ubuntu1.10	OpenLDAP Public License
liblmb0:amd64	0.9.24-1	OpenLDAP-2.8
liblocale-gettext-perl	1.07-4	Artistic Artistic or GPL-1+ GPL-1+
liblockfile-bin	1.16-1.1	GPL-2+ LGPL-2+
liblockfile1:amd64	1.16-1.1	GPL-2+ LGPL-2+
liblognorm5	2.0.6-0adiscon1bionic1	LGPL-2.1.
liblsan0:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libltdl7:amd64	2.4.6-14	GFDL. GPL.
liblvm2app2.2:amd64	2.02.176-4.1ubuntu3.18.04.3	GPL-2. LGPL-2.1.
liblvm2cmd2.02:amd64	2.02.176-4.1ubuntu3.18.04.3	GPL-2. LGPL-2.1.
liblvm2cmd2.03:amd64	2.03.11-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
liblwp-mediatypes-perl	6.04-1	Artistic Artistic or GPL-1+ GPL-1+
liblwres160:amd64	1:9.11.3+dfsg-1ubuntu1.17	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	1.9.2-2ubuntu0.20.04.1	BSD-2-clause GPL-2 GPL-2+
liblzma5:amd64	5.2.4-1ubuntu1.1	Autoconf GPL-2 GPL-2+ LGPL-2.1+ PD PD-debian config-h noderivs none permissive-fsf permissive-nowarranty probably-PD
liblzo2-2:amd64	2.10-2	GPL-2+

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libmagic-mgc	1:5.38-4	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with- legal-disclaimer-2 public-domain
libmagic1:amd64	1:5.38-4	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with- legal-disclaimer-2 public-domain
libmailutils6:amd64	1:3.7-2.1	GFDL-NIV+ GPL-3+ LGPL-3+
libmaxminddb0:amd64	1.4.2-0ubuntu1.20.04.1	Apache-2.0 BSD-2-clause BSD-3-clause BSD- 4-clause CC-BY-SA GPL-2+
libmnl0:amd64	1.0.4-2	GPL-2+ LGPL-2.1
libmount1:amd64	2.34-0.1ubuntu9.6	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	2.4.2-3	BSD GPL-2+
libmpfr6:amd64	4.0.2-1	LGPL-3
libmpx0:amd64	5.5.0-12ubuntu1	Artistic. GFDL-1.2. GPL GPL-2. GPL-3.
libmpx2:amd64	8.4.0-3ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libmspack0:amd64	0.10.1-2	LGPL-2.1
libmysqlclient20:amd64	5.7.38-0ubuntu0.18.04.1	Artistic Artistic or GPL-2 BSD-2-clause BSD- 3-clause BSD-like Boost-1.0 GPL-2 GPL-2+ ISC LGPL SWsoft public-domain zlib/libpng
libmysqlclient21:amd64	8.0.37-0ubuntu0.20.04.3	Artistic Artistic or GPL-2 BSD-2-clause BSD- 3-clause BSD-like Boost-1.0 GPL-2 GPL-2+ ISC LGPL public-domain zlib/libpng
libncurses5:amd64	6.2-0ubuntu2.1	https://invisible-island.net/ncurses/ ncurses-license.html
libncurses6:amd64	6.2-0ubuntu2.1	https://invisible-island.net/ncurses/ ncurses-license.html
libncursesw5:amd64	6.2-0ubuntu2.1	https://invisible-island.net/ncurses/ ncurses-license.html
libncursesw6:amd64	6.2-0ubuntu2.1	https://invisible-island.net/ncurses/ ncurses-license.html
libnetfilter- conntrack3:amd64	1.0.7-2	GPL-2+
libnetplan0:amd64	0.104-0ubuntu2~20.04.6	GPL-3
libnettle6:amd64	3.4.1-0ubuntu0.18.04.1	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public- domain
libnettle7:amd64	3.5.1+really3.5.1- 2ubuntu0.2	GAP GPL-2 GPL-2+ GPL-2+ with Autoconf exception LGPL-2+ LGPL-2.1+ other public- domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libnewt0.52:amd64	0.52.21-4ubuntu2	LGPL-2.
libnfnetwork0:amd64	1.0.1-3build1	GPL.
libnftnl11:amd64	1.1.5-1	GPL-2 GPL-2+
libnghttp2-14:amd64	1.40.0-1ubuntu0.3	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	3.4.0-1ubuntu0.1	GPL-2 LGPL-2.1
libnl-genl-3-200:amd64	3.4.0-1ubuntu0.1	GPL-2 LGPL-2.1
libnptl0:amd64	1.6-1	LGPL-2.1+
libnspr4:amd64	2:4.35-0ubuntu0.20.04.1	MPL-2.0
libnss-systemd:amd64	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libnss3:amd64	2:3.98-0ubuntu0.20.04.2	BSD-3 MIT MPL-2.0 Zlib public-domain
libntlm0:amd64	1.5-2ubuntu0.1	LGPL-2+
libnuma1:amd64	2.0.12-1	GPL. LGPL.
libnumber-compare-perl	0.03-1	Artistic. GPL-1.
libogg0:amd64	1.3.4-0ubuntu1	BSD-license implementation of the public domain Ogg
libonig4:amd64	6.7.0-1	BSD-2-clause GPL-2+
libonig5:amd64	6.9.4-1	BSD-2-clause GPL-2+
libopts25:amd64	1:5.18.16-3	BSD-3-clause BSD-3-clause with libopts exception GPL-2+ GPL-2+ or LGPL-3+ with libopts exception or BSD-3-clause with libopts exception GPL-3+ LGPL-2.1+ LGPL-3+ LGPL-3+ or BSD-3-clause LGPL-3+ with libopts exception
libp11-kit-gnome-keyring:amd64	3.28.0.2-1ubuntu1.18.04.1	GPL-2) LGPL-2) LGPL-2.1)
libp11-kit0:amd64	0.23.20-1ubuntu0.1	BSD-3-Clause ISC ISC+IBM permissive-like-automake-output same-as-rest-of-p11kit
libpam-cap:amd64	1:2.32-1ubuntu0.1	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libpam-cracklib:amd64	1.3.1-5ubuntu4.7	GPL.
libpam-modules:amd64	1.3.1-5ubuntu4.7	GPL.
libpam-modules-bin	1.3.1-5ubuntu4.7	GPL.
libpam-runtime	1.3.1-5ubuntu4.7	GPL.
libpam-systemd:amd64	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libpam0g:amd64	1.3.1-5ubuntu4.7	GPL.
libparse-debianchangelog-perl	1.2.0-13	GPL-2+
libparted0debian1:amd64	2.3-19ubuntu1.14.04.2	GPL-3.
libparted2:amd64	3.3-4ubuntu0.20.04.1	GPL-3.
libpcap0.8:amd64	1.9.1-3	BSD license
libpci3:amd64	1:3.6.4-1ubuntu0.20.04.1	GPL-2+
libpciaccess0:amd64	0.16-0ubuntu1	GPL.
libpcre2-8-0:amd64	10.34-7ubuntu0.1	BSD LICENCE BSD licence public domain
libpcre3:amd64	2:8.39-12ubuntu0.1	BSD LICENCE BSD licence
libperl5.26:amd64	5.26.1-6ubuntu0.5	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
libperl5.30:amd64	5.30.0-9ubuntu0.5	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 SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
libpipeline1:amd64	1.5.2-2build1	GPL-2+ GPL-3+
libpixman-1-0:amd64	0.38.4-0ubuntu2.1	MIT license
libplymouth4:amd64	0.9.3-1ubuntu7.18.04.2	GPL-2+ other
libplymouth5:amd64	0.9.4git20200323-0ubuntu6.2	GPL-2+ other
libpng16-16:amd64	1.6.37-2	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

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libpolkit-gobject-1-0:amd64	0.105-26ubuntu1.3	Apache-2.0 LGPL-2.0+
libpopt0:amd64	1.16-14	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+
libprocps8:amd64	2:3.3.16-1ubuntu2.4	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
libpsl5:amd64	0.21.0-1ubuntu1	Chromium MIT
libpython2-stdlib:amd64	2.7.17-2ubuntu4	GPL-compatible GPL-compatible licenses
libpython2.7:amd64	2.7.18-1~20.04.4	Apache-2.0 Apache-2.0. GPL-2.
libpython2.7-minimal:amd64	2.7.18-1~20.04.4	Apache-2.0 Apache-2.0. GPL-2.
libpython2.7-stdlib:amd64	2.7.18-1~20.04.4	Apache-2.0 Apache-2.0. GPL-2.
libpython3-stdlib:amd64	3.8.2-0ubuntu2	GPL-compatible GPL-compatible licenses
libpython3.6:amd64	3.6.9-1~18.04ubuntu1.7	GPL-2.
libpython3.6-minimal:amd64	3.6.9-1~18.04ubuntu1.7	GPL-2.
libpython3.6-stdlib:amd64	3.6.9-1~18.04ubuntu1.7	GPL-2.
libpython3.8:amd64	3.8.10-0ubuntu1~20.04.9	GPL-2.
libpython3.8-minimal:amd64	3.8.10-0ubuntu1~20.04.9	GPL-2.
libpython3.8-stdlib:amd64	3.8.10-0ubuntu1~20.04.9	GPL-2.
libquadmath0:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libreadline5:amd64	5.2+dfsg-3build3	GPL-2. GPL-2
libreadline6:amd64	6.3-8ubuntu2	GPL-3.
libreadline7:amd64	7.0-3	GFDL. GPL-3.
libreadline8:amd64	8.0-4	GFDL. GPL-3.
libroken18-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
librsync1:amd64	0.9.7-10build1	LGPL-2.1+
librtmp0:amd64	2.4+20121230.gitdf6c518-1	GPL-2 LGPL-2.1.
librtmp1:amd64	2.4+20151223.gitfa8646d.1 2build1	GPL-2 LGPL-2.1.
libruby1.9.1	1.9.3.484-2ubuntu1.2	Public Domain

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libruby2.5:amd64	2.5.1-1ubuntu1.12	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
libruby2.7:amd64	2.7.0-5ubuntu1.14	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 PartialGplArtisticAndRuby Permissive PreserveNotice Public-Domain Ruby SIL-1.1 Unicode zlib/libpng
libsasl2-2:amd64	2.1.27+dfsg-2ubuntu0.1	BSD-4-clause GPL-3+
libsasl2-modules:amd64	2.1.27+dfsg-2ubuntu0.1	BSD-4-clause GPL-3+
libsasl2-modules-db:amd64	2.1.27+dfsg-2ubuntu0.1	BSD-4-clause GPL-3+
libseccomp2:amd64	2.5.1-1ubuntu1~20.04.2	LGPL-2.1
libselinux1:amd64	3.0-1build2	GPL-2. LGPL-2.1.
libsemanage-common	3.0-1build2	GPL. LGPL.
libsemanage1:amd64	3.0-1build2	GPL. LGPL.
libsensors-config	1:3.6.0-2ubuntu1.1	GPL-2. LGPL-2.1.
libsensors5:amd64	1:3.6.0-2ubuntu1.1	GPL-2. LGPL-2.1.
libsepol1:amd64	3.0-1ubuntu0.1	GPL. LGPL.
libserf-1-1:amd64	1.3.9-8build1	Apache Zlib
libsigc++-2.0-0v5:amd64	2.10.2-1build1	GPL-2+ LGPL-2.1+ Public-Domain
libslang2:amd64	2.3.2-4	GPL-2+
libsmartcols1:amd64	2.34-0.1ubuntu9.6	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	5.8+dfsg-2ubuntu2.9	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
libsnmp35:amd64	5.8+dfsg-2ubuntu2.9	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
libsqlite3-0:amd64	3.31.1-4ubuntu0.6	GPL-2+ public-domain
libss2:amd64	1.45.5-2ubuntu1.1	BSD
libssh-4:amd64	0.9.3-2ubuntu2.5	BSD-2-clause BSD-3-clause LGPL-2.1 LGPL-2.1+~OpenSSL LGPL-2.1+~OpenSSL or BSD-2-clause or BSD-3-clause public-domain
libssl-doc	1.1.1f-1ubuntu2.22	BSD-style
libssl1.0.0:amd64	1.0.2n-1ubuntu5.9	BSD-style
libssl1.1:amd64	1.1.1f-1ubuntu2.22	BSD-style

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libstdc++-7-dev:amd64	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libstdc++-9-dev:amd64	9.4.0-1ubuntu1~20.04.2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libstdc++6:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libsub-name-perl	0.26-1	Artistic Artistic or GPL-1+ GPL-1+
libsvn1:amd64	1.13.0-3ubuntu0.2	AFL-3 Apache-2.0 BSD-2-clause BSD-3-clause BSD-3-clause or Apache-2.0 Expat GPL-2+ GPL-3+ Svnwrap Unicode Utfwidth
libsystemd0:amd64	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libtasn1-6:amd64	4.16.0-2	GFDL-1.3. GPL-3. LGPL LGPL-2.1.
libtdb1:amd64	1.4.5-0ubuntu0.20.04.1	BSD-3 GPL-3.0+ ISC LGPL-3.0+ PostgreSQL
libtext-charwidth-perl	0.04-10	Artistic Artistic or GPL-1+ GPL-1+
libtext-glob-perl	0.10-1	Artistic Artistic or GPL-1+ GPL-1+
libtext-iconv-perl	1.7-7	Artistic Artistic or GPL-1+ GPL-1+
libtext-wrapi18n-perl	0.06-9	Artistic Artistic or GPL-1+ GPL-1+
libtimedate-perl	2.3200-1	Artistic Artistic or GPL-1+ GPL-1+
libtinfo5:amd64	6.2-0ubuntu2.1	Free Software Foundation
libtinfo6:amd64	6.2-0ubuntu2.1	Free Software Foundation
libtirpc-common	1.2.5-1ubuntu0.1	BSD-2-Clause BSD-3-Clause BSD-4-Clause GPL-2 LGPL-2.1+ PERMISSIVE __AUTO_PERMISSIVE__
libtirpc3:amd64	1.2.5-1ubuntu0.1	BSD-2-Clause BSD-3-Clause BSD-4-Clause GPL-2 LGPL-2.1+ PERMISSIVE __AUTO_PERMISSIVE__
libtsan0:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libubsan0:amd64	7.5.0-6ubuntu2	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libubsan1:amd64	10.5.0-1ubuntu1~20.04	Artistic. GFDL-1.2. GPL GPL-2. GPL-3. GPL. LGPL.
libuchardet0:amd64	0.0.6-3build1	GPL-2+ LGPL-2.1+ MPL-1.1 MPL-1.1 or GPL-2+ or LGPL-2.1+
libudev1:amd64	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libunistring2:amd64	0.9.10-2	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

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
libunwind8:amd64	1.2.1-9ubuntu0.1	Expat GPL-2+
liburi-perl	1.76-2	Artistic Artistic or GPL-1+ GPL-1+
libusb-0.1-4:amd64	2:0.1.12-32	LGPL-2
libusb-1.0-0:amd64	2:1.0.23-2build1	GPL-2 LGPL-2.1
libutempter0:amd64	1.1.6-4	LGPL-2.1
libutf8proc2:amd64	2.5.0-1	Expat Unicode
libuuid1:amd64	2.34-0.1ubuntu9.6	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
libuv1:amd64	1.34.2-1ubuntu1.5	BSD-1-clause BSD-2-clause BSD-3-clause CC-BY-4.0 Expat GPL-3+ ISC
libvorbis0a:amd64	1.3.6-2ubuntu1	BSD-3-Clause RFC-special
libvorbisfile3:amd64	1.3.6-2ubuntu1	BSD-3-Clause RFC-special
libwind0-heimdal:amd64	7.7.0+dfsg-1ubuntu1.4	BSD-3-clause GPL-2+ custom none
libwrap0:amd64	7.6.q-30	BSD
libx11-6:amd64	2:1.6.9-2ubuntu1.6	MIT license
libx11-data	2:1.6.9-2ubuntu1.6	MIT license
libxapian30:amd64	1.4.14-2	GPL-2
libxau6:amd64	1:1.0.9-0ubuntu1	public domain
libxcb-render0:amd64	1.14-2	MIT license
libxcb-shm0:amd64	1.14-2	MIT license
libxcb1:amd64	1.14-2	MIT license
libxdmcp6:amd64	1:1.1.3-0ubuntu1	MIT
libxext6:amd64	2:1.3.4-0ubuntu1	LicenseRef-libxext
libxml2:amd64	2.9.10+dfsg- 5ubuntu0.20.04.7	ISC MIT-1
libxmlsec1:amd64	1.2.28-2	MIT
libxmlsec1- openssl:amd64	1.2.28-2	MIT
libxmuu1:amd64	2:1.1.3-0ubuntu1	MIT-open-group AND SMLNJ AND X11 AND ISC
libxrender1:amd64	1:0.9.10-1	custom
libxslt1.1:amd64	1.1.34-4ubuntu0.20.04.1	custom:MIT
libxtables12:amd64	1.8.4-3ubuntu2.1	Artistic GPL-2 GPL-2+ custom
libyaml-0-2:amd64	0.2.2-1	Expat permissive
libzstd1:amd64	1.4.4+dfsg-3ubuntu0.1	BSD-3-clause Expat GPL-2 GPL-2+ zlib
linux-base	4.5ubuntu3.7	GPL-2.
linux-firmware	1.187.39	GPL2 GPL3 custom
linux-headers-5.4.0-99	5.4.0-99.112	GPL-2.

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
linux-headers-5.4.0-99-generic	5.4.0-99.112	GPL-2.
linux-hwe-5.4-headers-5.4.0-99	5.4.0-99.112~18.04.1	GPL-2.
linux-image-4.4.0-186-generic	4.4.0-186.216	GPL-2.
linux-image-5.4.0-99-generic	5.4.0-99.112	GPL-2.
linux-libc-dev:amd64	5.4.0-166.183	GPL-2.
linux-modules-4.4.0-151-generic	4.4.0-151.178	GPL-2.
linux-modules-4.4.0-186-generic	4.4.0-186.216	GPL-2.
linux-modules-5.4.0-99-generic	5.4.0-99.112	GPL-2.
linux-modules-extra-4.4.0-186-generic	4.4.0-186.216	GPL-2.
linux-modules-extra-5.4.0-99-generic	5.4.0-99.112	GPL-2.
linux-tools	3.2.0.38.46	GPL.
linux-tools-3.2.0-38	3.2.0-38.61	GPL-2.
linux-tools-4.15.0-169	4.15.0-169.177	GPL-2.
linux-tools-4.15.0-169-generic	4.15.0-169.177	GPL-2.
linux-tools-4.15.0-184	4.15.0-184.194	GPL-2.
linux-tools-4.15.0-184-generic	4.15.0-184.194	GPL-2.
linux-tools-5.4.0-166	5.4.0-166.183	GPL-2.
linux-tools-5.4.0-166-generic	5.4.0-166.183	GPL-2.
linux-tools-common	5.4.0-166.183	GPL-2.
linux-tools-generic	5.4.0.166.163	GPL.
locales	2.31-0ubuntu9.16	GPL-2. LGPL-2.1.
lockfile-progs	0.1.18	GPL
login	1:4.8.1-1ubuntu5.20.04.5	GPL-2
logrotate	3.14.0-4ubuntu3	GPL-2
logsave	1.45.5-2ubuntu1.1	GPL-2. LGPL-2.
lsb-base	11.1.0ubuntu2	BSD-3-clause GPL-2
lsb-release	11.1.0ubuntu2	BSD-3-clause GPL-2
lshw	02.18.85-0.3ubuntu2.20.04.1	GPL

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
lsf	4.93.2+dfsg-1ubuntu0.20.04.1	BSD-4-clause GPL-2+ LGPL-2+ Purdue send-mail
ltrace	0.7.3-6.1ubuntu1.1	GPL
lvm2	2.03.11-2ubuntu4~ubuntu20.04.1	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
lz4	1.9.2-2ubuntu0.20.04.1	BSD-2-clause GPL-2 GPL-2+
mailutils	1:3.7-2.1	GFDL-NIV+ GPL-3+ LGPL-3+
mailutils-common	1:3.7-2.1	GFDL-NIV+ GPL-3+ LGPL-3+
make	4.2.1-1.2	GPL-3+
makedev	2.3.1-94	GPL.
man-db	2.9.1-1	GPL-2+ GPL-3+
manpages	5.05-1	BSD-3-clause BSD-4-clause Expat GPL-2 GPL-2+ LDPv1 freely-redistributable henry-spencer-regex public-domain verbatim
manpages-dev	5.05-1	BSD-3-clause BSD-4-clause Expat GPL-2 GPL-2+ LDPv1 freely-redistributable henry-spencer-regex public-domain verbatim
mawk	1.3.4.20200120-2	GPL-2
mime-support	3.64ubuntu1	Bellcore ad-hoc
mlocate	0.26-3ubuntu3	GPL-2.
module-init-tools	24-1ubuntu3.5	GPL-2
mount	2.34-0.1ubuntu9.6	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
mountall	2.54ubuntu1	GPL-2 LGPL-2+
multiarch-support	2.27-3ubuntu1.6	GPL-2. LGPL-2.1.
mysql-common	5.8+1.0.5ubuntu2	GPL-2+
ncftp	2:3.2.5-2.1	Public Domain
ncurses-base	6.2-0ubuntu2.1	MIT-open-group
ncurses-bin	6.2-0ubuntu2.1	MIT-open-group
ncurses-term	6.2-0ubuntu2.1	MIT-open-group
net-tools	1.60+git20180626.aebd88e1ubuntu1	GPL-2+
netbase	6.1	GPL-2.
netcat-openbsd	1.206-1ubuntu1	BSD-2-Clause BSD-3-Clause
netplan.io	0.104-0ubuntu2~20.04.6	GPL-3
networkd-dispatcher	2.1-2~ubuntu20.04.3	GPL-3+
nicstat	1.95-1build1	Artistic GPL-3
ntp	1:4.2.8p12+dfsg-3ubuntu4.20.04.1	custom

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
ntpdate	1:4.2.8p12+dfsg-3ubuntu4.20.04.1	custom
open-vm-tools	2:11.3.0-2ubuntu0~ubuntu20.04.7	BSD-3 GPL-2 GPL-2+ ISC-ibm-and-ibm-dhcp LGPL-2.1 xfree86-1.0
openssh-client	1:8.2p1-4ubuntu0.11	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-server	1:8.2p1-4ubuntu0.11	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-sftp-server	1:8.2p1-4ubuntu0.11	BSD-2-clause BSD-3-clause Beer-ware Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssl	1.1.1f-1ubuntu2.22	BSD-style
os-prober	1.74ubuntu2	GPL-2.
parted	3.3-4ubuntu0.20.04.1	GPL-3.
passwd	1:4.8.1-1ubuntu5.20.04.5	GPL-2
patch	2.7.6-6	GPL.
pci.ids	0.0~2020.03.20-1	BSD-3-clause GPL-2+ GPL-2+ or BSD-3-clause
pciutils	1:3.6.4-1ubuntu0.20.04.1	GPL-2+
perl	5.30.0-9ubuntu0.5	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 SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
perl-base	5.30.0-9ubuntu0.5	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 SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
perl-modules-5.26	5.26.1-6ubuntu0.5	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-5.30	5.30.0-9ubuntu0.5	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 SDBM-PUBLIC-DOMAIN TEXT-TABS Unicode ZLIB
pgpgpg	0.13-9.1build1	GPL
pinentry-curses	1.1.0-3build1	GPL-2 GPL-2+ LGPL-3+ LGPL-3+ or GPL-2+ X11
pkg-config	0.29.1-0ubuntu4	GPL.
plymouth	0.9.4git20200323-0ubuntu6.2	GPL-2+ other
plymouth-theme-ubuntu-text	0.9.4git20200323-0ubuntu6.2	GPL-2+ other

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
postfix	3.4.13-0ubuntu1.4	BSD-4-Clause-UC EPL-2.0 OR IPL-1.0
powermgmt-base	1.36	GPL-2+
procps	2:3.3.16-1ubuntu2.4	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
psmisc	23.3-1	GPL-2+
publicsuffix	20200303.0012-1	CC0 MPL-2.0
python-apt	2.0.1ubuntu0.20.04.1	GPL-2+ Permissive
python-apt-common	2.0.1ubuntu0.20.04.1	GPL-2+ Permissive
python-asn1crypto	0.24.0-1build1	Expat
python-cairo:amd64	1.16.2-2ubuntu2	LGPL-2.1
python-certifi	2019.11.28-1	GPL-2 MPL-2
python-cffi-backend	1.14.0-1build1	Expat
python-chardet	3.0.4-4build1	LGPL-2.1+
python-crypto	2.6.1-13ubuntu2	BSD-3-clause public-domain
python-cryptography	2.8-3ubuntu0.3	Apache Expat
python-dbus	1.2.16-1build1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python-dbus-dev	1.2.16-1build1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python-enum34	1.1.6-2ubuntu1	GPL-3.
python-gdbm	2.7.18-1	GPL-compatible GPL-compatible licenses
python-gi	3.36.0-1	Expat LGPL-2.1+
python-gi-cairo	3.36.0-1	Expat LGPL-2.1+
python-greenlet	0.4.15-4.1	GPL-3 MIT PSFL-2
python-idna	2.8-1ubuntu0.1	BSD-3-clause PSF-2 Unicode
python-ipaddress	1.0.17-1build1	Expat PSF-2
python-is-python3	3.8.2-4	GPL-3.0
python-jinja2	2.10.1-2ubuntu0.3	GPL.
python-markupsafe	1.1.0-1build2	BSD-3-Clause
python-netaddr	0.7.19-3ubuntu1	BSD license
python-openssl	19.0.0-1build1	Apache-2.0 public-domain
python-pkg-resources	44.0.0-2ubuntu0.1	GPL-compatible GPL-compatible licenses
python-simplejson	3.16.0-2ubuntu2	MIT
python-six	1.14.0-2	Expat
python-yaml	5.3.1-1ubuntu0.1	MIT
python2	2.7.17-2ubuntu4	GPL-compatible GPL-compatible licenses
python2-minimal	2.7.17-2ubuntu4	GPL-compatible GPL-compatible licenses
python2.7	2.7.18-1~20.04.4	Apache-2.0 Apache-2.0. GPL-2.
python2.7-minimal	2.7.18-1~20.04.4	Apache-2.0 Apache-2.0. GPL-2.
python3	3.8.2-0ubuntu2	GPL-compatible GPL-compatible licenses
python3-apt	2.0.1ubuntu0.20.04.1	GPL-2+ Permissive

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
python3-certifi	2019.11.28-1	GPL-2 MPL-2
python3-chardet	3.0.4-4build1	LGPL-2.1+
python3-dbus	1.2.16-1build1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python3-distro	1.4.0-1	Apache-2.0
python3-distro-info	0.23ubuntu1.1	ISC
python3-distupgrade	1:20.04.41	Expat GPL-2+
python3-distutils	3.8.10-0ubuntu1~20.04	GPL-compatible GPL-compatible licenses
python3-gi	3.36.0-1	Expat LGPL-2.1+
python3-idna	2.8-1ubuntu0.1	BSD-3-clause PSF-2 Unicode
python3-lib2to3	3.8.10-0ubuntu1~20.04	GPL-compatible GPL-compatible licenses
python3-minimal	3.8.2-0ubuntu2	GPL-compatible GPL-compatible licenses
python3-netifaces	0.10.4-1ubuntu4	MIT-style
python3-pkg-resources	45.2.0-1ubuntu0.1	GPL-compatible GPL-compatible licenses
python3-pycurl	7.43.0.2-1ubuntu6	LGPL-2.1 MIT
python3-requests	2.22.0-2ubuntu1.1	Apache
python3-six	1.14.0-2	Expat
python3-update-manager	1:20.04.10.21	GPL LGPL
python3-urllib3	1.25.8-2ubuntu0.3	Expat PSF-2
python3-yaml	5.3.1-1ubuntu0.1	MIT
python3.6	3.6.9-1~18.04ubuntu1.7	GPL-2.
python3.6-minimal	3.6.9-1~18.04ubuntu1.7	GPL-2.
python3.8	3.8.10-0ubuntu1~20.04.9	GPL-2.
python3.8-minimal	3.8.10-0ubuntu1~20.04.9	GPL-2.
quota	4.05-1	GPL.
rake	13.0.1-4	Expat
readline-common	8.0-4	GFDL. GPL-3.
resolvconf	1.82	GPL-2+
rsync	3.1.3-8ubuntu0.7	GPL-3
rsyslog	8.2006.0-0adiscon2bionic1	GPL.
rsyslog-gnutls	8.2006.0-0adiscon2bionic1	GPL.
rsyslog-mmnormalize	8.2006.0-0adiscon2bionic1	GPL.
ruby	1:2.7+1	RubyLicense
ruby-did-you-mean	1.2.1-1	Expat
ruby-minitest	5.13.0-1	Expat
ruby-net-telnet	0.1.1-2	Ruby
ruby-power-assert	1.1.7-1	BSD-2-clause BSD-2-clause or Ruby Ruby

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
ruby-test-unit	3.3.5-1	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
ruby-xmlrpc 0.3.0-2 Ruby		
ruby1.9.1	1.9.3.484-2ubuntu1.2	Public Domain
ruby2.5	2.5.1-1ubuntu1.12	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
ruby2.7	2.7.0-5ubuntu1.14	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 PartialGplArtisticAndRuby Permissive PreserveNotice PublicDomain Ruby SIL-1.1 Unicode zlib/libpng
rubygems-integration	1.16	Expat
schroot	1.6.10-9ubuntu0.1	GPL.
schroot-common	1.6.10-9ubuntu0.1	GPL.
screen	4.8.0-1ubuntu0.1	GPL-3+
sed	4.7-1	GPL-3
sensible-utils	0.0.12+nmu1	All-permissive GPL-2+ configure installsh
sgml-base	1.29.1	GPL-2+
shared-mime-info	1.15-1	GPL.
sharutils	1:4.15.2-4build1	GFDL. GPL.
snmp	5.8+dfsg-2ubuntu2.9	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
snmpd	5.8+dfsg-2ubuntu2.9	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
snmptrapd	5.8+dfsg-2ubuntu2.9	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
sntp	1:4.2.8p12+dfsg-3ubuntu4.20.04.1	custom
sound-theme-freedesktop	0.8-2ubuntu1	CC-BY-3.0 CC-BY-SA-3.0 GPL-2 GPL-2+
ssh-import-id	5.10-0ubuntu1	GPL-3
sshfs	3.6.0+repack+really2.10-0ubuntu1	GPL-2 GPL-2+
ssl-cert	1.0.39	BSD-3-clause
strace	5.5-3ubuntu1	LGPL-2.1-or-later

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
stunnel4	3:5.56-1	GPL-2+ GPL-2+-openssl
sudo	1.8.31-1ubuntu1.5	custom
sysstat	12.2.0-2ubuntu0.3	GPL-2+
systemd	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
systemd-sysv	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
sysv-rc	2.88dsf-59.3ubuntu2	GPL-2.
sysvinit-utils	2.96-2.1ubuntu1	GPL-2+
tar	1.30+dfsg-7ubuntu0.20.04.4	GPL-2. GPL-3.
tasksel	3.34ubuntu16	GPL-2
tasksel-data	3.34ubuntu16	GPL-2
tcpd	7.6.q-30	BSD
tcpdump	4.9.3-4ubuntu0.3	4-clause BSD license BSD license
thin-provisioning-tools	0.8.5-4build1	GPL-2+ GPL-3+
time	1.7-25.1build1	GPL-2+ freely redistributable
tmux	3.0a-2ubuntu0.4	BSD-2 BSD-2. BSD-3 bsd-poll.c bsd-poll.h
tzdata	2024a-0ubuntu0.20.04	public domain
ubuntu-advantage-pro	32.3~20.04	GPL-3.0
ubuntu-advantage-tools	32.3~20.04	GPL-3.0
ubuntu-keyring	2020.02.11.4	GPL
ubuntu-pro-auto-attach	32.3~20.04	GPL-3.0
ubuntu-pro-client	32.3~20.04	GPL-3.0
ubuntu-pro-client-l10n	32.3~20.04	GPL-3.0
ubuntu-release-upgrader-core	1:20.04.41	Expat GPL-2+
ucf	3.0038+nmu1	GPL-2
udev	245.4-4ubuntu3.23	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
ufw	0.36-6ubuntu1.1	BSD-3-clause GPL-3
unzip	6.0-25ubuntu1.2	custom
update-manager-core	1:20.04.10.21	GPL LGPL
update-motd	3.6-0ubuntu6.1	GPL-3.
ureadahead	0.100.0-21	GPL-2.
usrmerge	23	GPL-2).

continues on next page

Table 1 – continued from previous page

Name	Version	Licenses
util-linux	2.34-0.1ubuntu9.6	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	2.34-0.1ubuntu9.6	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	2:8.1.2269-1ubuntu5.23	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq EDL-1 Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ LGPL-2.1+ OPL- 1+ SRA UC Vim Vim-Regexp X11 XPM public- domain
vim-addon-manager	0.5.10	GPL-3+
vim-common	2:8.1.2269-1ubuntu5.23	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq EDL-1 Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ LGPL-2.1+ OPL- 1+ SRA UC Vim Vim-Regexp X11 XPM public- domain
vim-runtime	2:8.1.2269-1ubuntu5.23	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq EDL-1 Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ LGPL-2.1+ OPL- 1+ SRA UC Vim Vim-Regexp X11 XPM public- domain
vim-scripts	20180807ubuntu1	GPL GPL-2 LGPL-2
wamerican	2018.04.16-1	Public Domain public domain
wget	1.20.3-1ubuntu2.1	GFDL-1.2 GPL-3.
whiptail	0.52.21-4ubuntu2	LGPL-2.
wireless-crda	1.16	custom
wireless-regdb	2022.06.06- 0ubuntu1~20.04.1	ISC
xdg-user-dirs	0.17-2ubuntu1	GPL-2.
xfspgrog	5.3.0-1ubuntu2	GPL LGPL-2.1
xkb-data	2.29-2	custom
xml-core	0.18+nmu1	GPL-2+
xxd	2:8.1.2269-1ubuntu5.23	Apache Apache or Expat Artistic-1 BSD-2- clause BSD-3-clause Compaq EDL-1 Expat Expat or GPL-2 Expat or Vim GPL-1+ GPL-1+ or Artistic-1 GPL-2 GPL-2+ LGPL-2.1+ 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	5.2.4-1ubuntu1.1	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	custom
zlib1g:amd64	1:1.2.11.dfsg-2ubuntu1.5	Zlib