



VOSS Automate Open Source License Usage

Release 25.1

June 05, 2025

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1. Introduction

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

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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	3.1.6	BSD License
MarkupSafe	3.0.2	BSD License
PyJWT	1.7.1	MIT License
PyNaCl	1.5.0	Apache License 2.0
PySocks	1.7.1	BSD
PyYAML	6.0.2	MIT License
Pygments	2.19.1	BSD License
SQLAlchemy	2.0.40	MIT License
WebOb	1.8.9	MIT License
aiofiles	24.1.0	Apache Software License
aiohappyeyeballs	2.6.1	Python Software Foundation License
aiohttp	3.11.16	Apache Software License
aiosignal	1.3.2	Apache Software License
annotated-types	0.7.0	MIT License
anyio	4.9.0	MIT License
asgiref	3.8.1	BSD License
asttokens	3.0.0	Apache 2.0
async-timeout	4.0.3	Apache Software License
attrs	25.3.0	MIT License
autopage	0.5.2	Apache Software License
azure-common	1.1.28	MIT License
azure-core	1.33.0	MIT License
azure-identity	1.21.0	MIT License
azure-search-documents	11.5.2	MIT License

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Table 1 – continued from previous page

Name	Version	License
bcrypt	3.2.2	Apache Software License
billiard	3.6.4.0	BSD License
certifi	2025.1.31	Mozilla Public License 2.0 (MPL 2.0)
cffi	1.17.1	MIT License
chardet	4.0.0	GNU Library or Lesser General Public License (LGPL)
charset-normalizer	3.4.1	MIT License
click	8.1.8	BSD License
cliff	3.10.1	Apache Software License
cmd2	2.5.11	MIT License
colorama	0.4.6	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	6.5.0	Apache Software License
cryptography	44.0.2	Apache Software License; BSD License
cssutils	2.11.1	GNU Library or Lesser General Public License (LGPL)
dataclasses-json	0.6.7	MIT License
dateparser	1.2.0	BSD License
decorator	5.2.1	BSD License
deepmerge	1.1.1	MIT License
defusedxml	0.7.1	Python Software Foundation License
deviceapi	25.2.0	Unlicensed
distro	1.9.0	Apache Software License
django-cookies-samesite	0.9.0	BSD 3
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	3.15.1	BSD License
docutils	0.20.1	BSD License; GNU General Public License (GPL); Public Domain; Python Software Foundation License
dpath	2.2.0	MIT License
editdistance	0.6.2	MIT License
elementpath	4.8.0	MIT License
et_xmlfile	2.0.0	MIT License
exceptiongroup	1.2.2	MIT License
executing	2.2.0	MIT License
frozenset	1.5.0	Apache Software License

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Name	Version	License
gevent	24.11.1	MIT License
greenlet	3.2.0	MIT License
gunicorn	20.1.0	MIT License
h11	0.14.0	MIT License
httpcore	1.0.8	BSD License
httpx	0.28.1	BSD License
idna	3.10	BSD License
ipaddr	2.2.0	Apache Software License
ipdb	0.13.13	BSD License
ipython	8.35.0	BSD License
isodate	0.7.2	BSD License
itypes	1.2.0	BSD License
jedi	0.19.2	MIT License
jiter	0.9.0	MIT License
json_tools	0.4.1	MIT License
jsonpatch	1.33	BSD License
jsonpointer	3.0.0	BSD License
jsonschema	4.23.0	MIT License
jsonschema-specifications	2024.10.1	MIT License
langchain	0.2.17	MIT License
langchain-community	0.2.19	MIT License
langchain-core	0.2.43	MIT License
langchain-openai	0.1.25	MIT License
langchain-text-splitters	0.2.4	MIT License
langsmith	0.1.147	MIT License
lark	1.1.9	MIT License
libnfs	1.0.post4	LGPLv2.1
line_profiler	4.2.0	BSD License
lxml	4.9.4	BSD License
marshmallow	3.26.1	MIT License
matplotlib-inline	0.1.7	BSD 3-Clause
memory-profiler	0.61.0	BSD License
more-itertools	10.6.0	MIT License
msal	1.32.0	MIT License
msal-extensions	1.3.1	MIT License
multidict	6.4.3	Apache Software License
mypy-extensions	1.0.0	MIT License

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Name	Version	License
networkx	2.8.8	BSD License
nose	1.3.7	GNU Library or Lesser General Public License (LGPL)
nose-testconfig	0.10	Apache Software License
nose2	0.10.0	BSD License
nosehtmloutput	0.0.7	Apache Software License
numpy	1.26.4	BSD License
openai	1.74.0	Apache Software License
openapi-codec	1.3.2	BSD License
openpyxl	3.1.5	MIT License
orjson	3.10.16	Apache Software License; MIT License
outcome	1.3.0.post0	Apache Software License; MIT License
packaging	23.2	Apache Software License; BSD License
paramiko	2.12.0	GNU Library or Lesser General Public License (LGPL)
parso	0.8.4	MIT License
pbr	6.1.1	Apache Software License
pexpect	4.9.0	ISC License (ISCL)
platformdirs	4.3.7	MIT License
polib	1.2.0	MIT License
prompt_toolkit	3.0.51	BSD License
propcache	0.3.1	Apache Software License
psutil	5.9.8	BSD License
ptyprocess	0.7.0	ISC License (ISCL)
pudb	2022.1.3	MIT License
pure_eval	0.2.3	MIT License
py-spy	0.3.14	MIT License
pyOpenSSL	25.0.0	Apache Software License
pyasn1	0.6.1	BSD License
pyasn1_modules	0.4.2	BSD License
pycparser	2.22	BSD License
pycryptodome	3.22.0	Apache Software License; BSD License; Public Domain
pydantic	2.11.3	MIT License
pydantic_core	2.33.1	MIT License
pygraphviz	1.14	BSD License
pymongo	3.12.0	Apache Software License
pyparsing	3.2.3	MIT License
pyperclip	1.9.0	BSD License
pysaml2	7.5.0	Apache Software License
pyspnego	0.11.2	MIT License

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Name	Version	License
python-dateutil	2.9.0.post0	Apache Software License; BSD License
python-decouple	3.8	MIT License
python-dotenv	1.1.0	BSD License
python-ldap	3.4.4	Python Software Foundation License
pytz	2021.3	MIT License
pywinrm	0.5.0	MIT License
referencing	0.36.2	custom
regex	2024.11.6	Apache Software License
repoze.who	2.4.1	BSD-derived (http://www.repoze.org/LICENSE.txt)
requests	2.32.3	Apache Software License
requests-file	2.1.0	Apache Software License
requests-toolbelt	1.0.0	Apache Software License
requests_ntlm	1.3.0	ISC License (ISCL)
rich	13.1.0	MIT License
rpds-py	0.24.0	MIT
selenium	4.30.0	Apache Software License
six	1.17.0	MIT License
sniffio	1.3.1	Apache Software License; MIT License
sortedcontainers	2.4.0	Apache Software License
sqlparse	0.5.3	BSD License
stack-data	0.6.3	MIT License
stevedore	5.4.1	Apache Software License
tenacity	8.5.0	Apache Software License
text-unidecode	1.3	Artistic License; GNU General Public License (GPL); GNU General Public License v2 or later (GPLv2+)
tiktoken	0.9.0	MIT License
tqdm	4.67.1	MIT License; Mozilla Public License 2.0 (MPL 2.0)
traitlets	5.14.3	BSD License
trio	0.29.0	Apache Software License; MIT License
trio-websocket	0.12.2	MIT License
typing-inspect	0.9.0	MIT License
typing-inspection	0.4.0	MIT License
typing_extensions	4.13.2	Python Software Foundation License
tzlocal	5.3.1	MIT License
ua-parser	0.10.0	Apache Software License
ujson	5.10.0	BSD License
uritemplate	4.1.1	Apache Software License; BSD License
urllib3	1.26.20	MIT License

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Name	Version	License
urwid	2.6.16	GNU Library or Lesser General Public License (LGPL)
urwid_readline	0.15.1	MIT License
vcrpy	4.4.0	MIT License
voss-tools	0.1.0	UNKNOWN
websocket-client	1.8.0	Apache Software License
wrapt	1.17.2	BSD License
wsproto	1.2.0	MIT License
xmlschema	2.5.1	MIT License
xmldict	0.12.0	MIT License
yaml	1.19.0	Apache Software License
zeep	4.3.1	MIT License
zope.event	5.0	Zope Public License
zope.interface	7.2	Zope Public License

2.2. Platform (Python)

Name	Version	License
Jinja2	3.1.4	BSD License
MarkupSafe	3.0.2	BSD License
PyNaCl	1.5.0	Apache License 2.0
bcrypt	4.3.0	Apache Software License
certifi	2025.4.26	Mozilla Public License 2.0 (MPL 2.0)
ffi	1.17.1	MIT License
charset-normalizer	3.4.2	MIT License
click	8.1.7	BSD License
cryptography	44.0.3	Apache Software License; BSD License
dnspython	2.7.0	ISC License (ISCL)
docker	7.1.0	Apache Software License
envoy	0.0.3	MIT License
et_xmlfile	2.0.0	MIT License
gevent	24.11.1	MIT License
greenlet	3.2.1	MIT AND Python-2.0
idna	3.10	BSD License
openpyxl	3.1.5	MIT License
paramiko	3.5.0	GNU Library or Lesser General Public License (LGPL)
pyOpenSSL	24.3.0	Apache Software License

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Table 2 – continued from previous page

Name	Version	License
pycparser	2.22	BSD License
pycryptodome	3.21.0	BSD License; Public Domain
pyelliptic	1.5.8	BSD
pymongo	4.10.1	Apache Software License
python-iptables	1.0.1	Apache Software License
requests	2.32.3	Apache Software License
simplejson	3.19.3	Academic Free License (AFL); MIT License
six	1.16.0	MIT License
urllib3	2.4.0	MIT License
zope.event	5.0	Zope Public License
zope.interface	7.2	Zope Public License

2.3. Portal (JavaScript)

Table 3: Portal JavaScript Licenses

Module Name	Name	Version	Licenses
@angular/animations@17.3.12	@angular/animations	17.3.12	MIT
@angular/cdk@17.3.10	@angular/cdk	17.3.10	MIT
@angular/common@17.3.12	@angular/common	17.3.12	MIT
@angular/compiler@17.3.12	@angular/compiler	17.3.12	MIT
@angular/core@17.3.12	@angular/core	17.3.12	MIT
@angular/forms@17.3.12	@angular/forms	17.3.12	MIT
@angular/platform-browser-dynamic@17.3.12	@angular/platform-browser-dynamic	17.3.12	MIT
@angular/platform-browser@17.3.12	@angular/platform-browser	17.3.12	MIT
@angular/router@17.3.12	@angular/router	17.3.12	MIT
@babel/runtime-corejs3@7.26.9	@babel/runtime-corejs3	7.26.9	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

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Table 3 – continued from previous page

Module Name	Name	Version	Licenses
@microsoft/applicationinsights-analytics-js@3.3.5	@microsoft/applicationinsights-analytics-js	3.3.5	MIT
@microsoft/applicationinsights-angularplugin-js@15.3.5	@microsoft/applicationinsights-angularplugin-js	15.3.5	MIT
@microsoft/applicationinsights-cfgsync-js@3.3.5	@microsoft/applicationinsights-cfgsync-js	3.3.5	MIT
@microsoft/applicationinsights-channel-js@3.3.5	@microsoft/applicationinsights-channel-js	3.3.5	MIT
@microsoft/applicationinsights-common@3.3.5	@microsoft/applicationinsights-common	3.3.5	MIT
@microsoft/applicationinsights-core-js@3.3.5	@microsoft/applicationinsights-core-js	3.3.5	MIT
@microsoft/applicationinsights-dependencies-js@3.3.5	@microsoft/applicationinsights-dependencies-js	3.3.5	MIT
@microsoft/applicationinsights-properties-js@3.3.5	@microsoft/applicationinsights-properties-js	3.3.5	MIT
@microsoft/applicationinsights-shims@3.0.1	@microsoft/applicationinsights-shims	3.0.1	MIT
@microsoft/applicationinsights-web@3.3.5	@microsoft/applicationinsights-web	3.3.5	MIT
@microsoft/dynamicproto-js@2.0.3	@microsoft/dynamicproto-js	2.0.3	MIT
@mixmark-io/domino@2.2.0	@mixmark-io/domino	2.2.0	BSD-2-Clause
@newware21/ts-async@0.5.4	@newware21/ts-async	0.5.4	MIT
@newware21/ts-utils@0.11.8	@newware21/ts-utils	0.11.8	MIT
@ngrx/effects@17.2.0	@ngrx/effects	17.2.0	MIT
@ngrx/entity@17.2.0	@ngrx/entity	17.2.0	MIT
@ngrx/operators@17.0.0-beta.0	@ngrx/operators	17.0.0-beta.0	MIT
@ngrx/router-store@17.2.0	@ngrx/router-store	17.2.0	MIT
@ngrx/store@17.2.0	@ngrx/store	17.2.0	MIT
angular-gridster2@17.0.0	angular-gridster2	17.0.0	MIT
chart.js@3.9.1	chart.js	3.9.1	MIT
clipboard@2.0.11	clipboard	2.0.11	MIT
commander@8.3.0	commander	8.3.0	MIT
core-js-pure@3.40.0	core-js-pure	3.40.0	MIT
cross-conf-env@1.3.0	cross-conf-env	1.3.0	MIT
cross-spawn@7.0.6	cross-spawn	7.0.6	MIT
crypto-hash@3.1.0	crypto-hash	3.1.0	MIT

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Table 3 – continued from previous page

Module Name	Name	Version	Licenses
crypto-js@4.2.0	crypto-js	4.2.0	MIT
delegate@3.2.0	delegate	3.2.0	MIT
emoji-toolkit@8.0.0	emoji-toolkit	8.0.0	MIT
entities@4.5.0	entities	4.5.0	BSD-2-Clause
eventemitter3@5.0.1	eventemitter3	5.0.1	MIT
fast-diff@1.3.0	fast-diff	1.3.0	Apache-2.0
good-listener@1.2.2	good-listener	1.2.2	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
isexe@2.0.0	isexe	2.0.0	ISC
katex@0.16.21	katex	0.16.21	MIT
lodash-es@4.17.21	lodash-es	4.17.21	MIT
lodash.clonedeep@4.5.0	lodash.clonedeep	4.5.0	MIT
lodash.isequal@4.5.0	lodash.isequal	4.5.0	MIT
marked@12.0.2	marked	12.0.2	MIT
moment-timezone@0.5.47	moment-timezone	0.5.47	MIT
moment@2.30.1	moment	2.30.1	MIT
monaco-editor@0.44.0	monaco-editor	0.44.0	MIT
ngx-markdown@17.2.1	ngx-markdown	17.2.1	MIT
ngx-monaco-editor-v2@17.0.1	ngx-monaco-editor-v2	17.0.1	MIT
ngx-quill@25.3.3	ngx-quill	25.3.3	MIT
object-hash@2.2.0	object-hash	2.2.0	MIT
parchment@3.0.0	parchment	3.0.0	BSD-3-Clause
parse5@7.2.1	parse5	7.2.1	MIT
path-key@3.1.1	path-key	3.1.1	MIT
primeflex@3.3.1	primeflex	3.3.1	MIT
primeicons@7.0.0	primeicons	7.0.0	MIT
primeng@17.18.15	primeng	17.18.15	MIT
prismjs@1.29.0	prismjs	1.29.0	MIT
quill-delta@5.1.0	quill-delta	5.1.0	MIT
quill@2.0.3	quill	2.0.3	BSD-3-Clause
regenerator-runtime@0.14.1	regenerator-runtime	0.14.1	MIT
rgb-hex@4.1.0	rgb-hex	4.1.0	MIT

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Table 3 – continued from previous page

Module Name	Name	Version	Licenses
rgb-to-hsl@0.0.2	rgb-to-hsl	0.0.2	MIT
rxjs@7.8.1	rxjs	7.8.1	Apache-2.0
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
tabulator-tables@5.6.1	tabulator-tables	5.6.1	MIT
tiny-emitter@2.1.0	tiny-emitter	2.1.0	MIT
tslib@2.8.1	tslib	2.8.1	0BSD
turndown@7.2.0	turndown	7.2.0	MIT
voss4uc@25.1.0	voss4uc	25.1.0	UNLICENSED
web-animations-js@2.3.2	web-animations-js	2.3.2	Apache-2.0
which@2.0.2	which	2.0.2	ISC
xlsx@0.20.2	xlsx	0.20.2	Apache-2.0
xregexp@4.4.1	xregexp	4.4.1	MIT
zone.js@0.14.10	zone.js	0.14.10	MIT

2.4. Self-service (JavaScript)

Table 4: Self-service JavaScript Licenses

Module Name	License	Repository
abbrev@1.1.1	ISC	https://github.com/isaacs/abbrev-js
ansi-styles@3.2.1	MIT	https://github.com/chalk/ansi-styles
array-find-index@1.0.2	MIT	https://github.com/sindresorhus/array-find-index
asap@2.0.6	MIT	https://github.com/krisKowal/asap
balanced-match@1.0.2	MIT	https://github.com/juliangruber/balanced-match
brace-expansion@1.1.11	MIT	https://github.com/juliangruber/brace-expansion
chalk@2.4.2	MIT	https://github.com/chalk/chalk
color-convert@1.9.3	MIT	https://github.com/Qix-/color-convert
color-name@1.1.3	MIT	https://github.com/dfcreative/color-name
concat-map@0.0.1	MIT	https://github.com/substack/node-concat-map
debug@3.2.7	MIT	https://github.com/visionmedia/debug

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Table 4 – continued from previous page

Module Name	License	Repository
debuglog@1.0.1	MIT	https://github.com/sam-github/node-debuglog
dezalgo@1.0.4	ISC	https://github.com/npm/dezalgo
escape-string-regexp@1.0.5	MIT	https://github.com/sindresorhus/escape-string-regexp
fs.realpath@1.0.0	ISC	https://github.com/isaacs/fs.realpath
function-bind@1.1.2	MIT	https://github.com/Raynos/function-bind
glob@7.2.3	ISC	https://github.com/isaacs/node-glob
graceful-fs@4.2.11	ISC	https://github.com/isaacs/node-graceful-fs
has-flag@3.0.0	MIT	https://github.com/sindresorhus/has-flag
hasown@2.0.2	MIT	https://github.com/inspect-js/hasOwn
hosted-git-info@2.8.9	ISC	https://github.com/npm/hosted-git-info
inflight@1.0.6	ISC	https://github.com/npm/inflight
inherits@2.0.4	ISC	https://github.com/isaacs/inherits
is-core-module@2.16.1	MIT	https://github.com/inspect-js/is-core-module
json-parse-even-better-errors@2.3.1	MIT	https://github.com/npm/json-parse-even-better-errors
license-checker@25.0.1	BSD-3-Clause	https://github.com/davglass/license-checker
minimatch@3.1.2	ISC	https://github.com/isaacs/minimatch
minimist@1.2.8	MIT	https://github.com/minimistjs/minimist
mkdirp@0.5.6	MIT	https://github.com/substack/node-mkdirp
ms@2.1.3	MIT	https://github.com/vercel/ms
nopt@4.0.3	ISC	https://github.com/npm/nopt
normalize-package-data@2.5.0	BSD-2-Clause	https://github.com/npm/normalize-package-data
npm-normalize-package-bin@1.0.1	ISC	https://github.com/npm/npm-normalize-package-bin
once@1.4.0	ISC	https://github.com/isaacs/once
os-homedir@1.0.2	MIT	https://github.com/sindresorhus/os-homedir
os-tmpdir@1.0.2	MIT	https://github.com/sindresorhus/os-tmpdir
osenv@0.1.5	ISC	https://github.com/npm/osenv
path-is-absolute@1.0.1	MIT	https://github.com/sindresorhus/path-is-absolute
path-parse@1.0.7	MIT	https://github.com/jbgutierrez/path-parse
read-installed@4.0.3	ISC	https://github.com/isaacs/read-installed
read-package-json@2.1.2	ISC	https://github.com/npm/read-package-json
readdir-scoped-modules@1.1.0	ISC	https://github.com/npm/readdir-scoped-modules
resolve@1.22.10	MIT	https://github.com/browserify/resolve
semver@5.7.2	ISC	https://github.com/npm/node-semver

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Module Name	License	Repository
slide@1.1.6	ISC	https://github.com/isaacs/slide-flow-control
spdx-compare@1.0.0	MIT	https://github.com/kemitchell/spdx-compare.js
spdx-correct@3.2.0	Apache-2.0	https://github.com/jslicense/spdx-correct.js
spdx-exceptions@2.5.0	CC-BY-3.0	https://github.com/kemitchell/spdx-exceptions.json
spdx-expression-parse@3.0.1	MIT	https://github.com/jslicense/spdx-expression-parse.js
spdx-license-ids@3.0.21	CC0-1.0	https://github.com/jslicense/spdx-license-ids
spdx-ranges@2.1.1	(MIT AND CC-BY-3.0)	https://github.com/kemitchell/spdx-ranges.js
spdx-satisfies@4.0.1	MIT	https://github.com/kemitchell/spdx-satisfies.js
supports-color@5.5.0	MIT	https://github.com/chalk/supports-color
supports-preserve-symlinks-flag@1.0.0	MIT	https://github.com/inspect-js/node-supports-preserve-symlinks-flag
treeify@1.1.0	MIT	https://github.com/notatestuser/treeify
util-extend@1.0.3	MIT	https://github.com/isaacs/util-extend
validate-npm-package-license@3.0.4	Apache-2.0	https://github.com/kemitchell/validate-npm-package-license.js
wrappy@1.0.2	ISC	https://github.com/npm/wrappy

2.5. Insights API (JavaScript)

Table 5: Insights API 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
@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/cache-manager@2.2.2	@nestjs/cache-manager	2.2.2	MIT
@nestjs/common@10.3.8	@nestjs/common	10.3.8	MIT

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
@nestjs/config@3.2.2	@nestjs/config	3.2.2	MIT
@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/triple-beam@1.3.5	@types/triple-beam	1.3.5	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@2.1.1	ansi-regex	2.1.1	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@2.2.1	ansi-styles	2.2.1	MIT

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
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
archiver@5.3.2	archiver	5.3.2	MIT
array-flatten@1.1.1	array-flatten	1.1.1	MIT
asn1@0.2.6	asn1	0.2.6	MIT
assert-plus@0.2.0	assert-plus	0.2.0	MIT
assert-plus@1.0.0	assert-plus	1.0.0	MIT
async@0.2.10	async	0.2.10	MIT
async@3.2.5	async	3.2.5	MIT
asynckit@0.4.0	asynckit	0.4.0	MIT
aws-sign2@0.6.0	aws-sign2	0.6.0	Apache-2.0
aws4@1.13.1	aws4	1.13.1	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
bcrypt-pbkdf@1.0.2	bcrypt-pbkdf	1.0.2	BSD-3-Clause
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
boom@2.10.1	boom	2.10.1	BSD-3-Clause
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

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
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
cache-manager@5.5.3	cache-manager	5.5.3	MIT
call-bind@1.0.7	call-bind	1.0.7	MIT
caseless@0.11.0	caseless	0.11.0	Apache-2.0
chainsaw@0.1.0	chainsaw	0.1.0	MIT*
chalk@1.1.3	chalk	1.1.3	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
cliui@8.0.1	cliui	8.0.1	ISC
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
combined-stream@1.0.8	combined-stream	1.0.8	MIT
commander@2.20.3	commander	2.20.3	MIT
compress-commons@4.1.2	compress-commons	4.1.2	MIT
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@1.0.2	core-util-is	1.0.2	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
cryptiles@2.0.5	cryptiles	2.0.5	BSD-3-Clause

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
custom-error-generator@7.0.0	custom-error-generator	7.0.0	ISC
dashdash@1.14.1	dashdash	1.14.1	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
druid-query@2.2.1	druid-query	2.2.1	MIT
duplexer2@0.1.4	duplexer2	0.1.4	BSD-3-Clause
eastasianwidth@0.2.0	eastasianwidth	0.2.0	MIT
ecc-jsbn@0.1.2	ecc-jsbn	0.1.2	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
enabled@2.0.0	enabled	2.0.0	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
escalade@3.1.2	escalade	3.1.2	MIT
escape-html@1.0.3	escape-html	1.0.3	MIT
escape-string-regexp@1.0.5	escape-string-regexp	1.0.5	MIT
etag@1.8.1	etag	1.8.1	MIT
eventemitter3@5.0.1	eventemitter3	5.0.1	MIT
exceljs@4.4.0	exceljs	4.4.0	MIT
express@4.19.2	express	4.19.2	MIT
extend@3.0.2	extend	3.0.2	MIT
extsprintf@1.3.0	extsprintf	1.3.0	MIT

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Module Name	Name	Version	Licenses
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
fecha@4.2.3	fecha	4.2.3	MIT
finalhandler@1.2.0	finalhandler	1.2.0	MIT
fn.name@1.1.0	fn.name	1.1.0	MIT
follow-redirects@1.15.6	follow-redirects	1.15.6	MIT
foreground-child@3.1.1	foreground-child	3.1.1	ISC
forever-agent@0.6.1	forever-agent	0.6.1	Apache-2.0
form-data@2.1.4	form-data	2.1.4	MIT
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
generate-function@2.3.1	generate-function	2.3.1	MIT
generate-object-property@1.2.0	generate-object-property	1.2.0	MIT
get-caller-file@2.0.5	get-caller-file	2.0.5	ISC
get-intrinsic@1.2.4	get-intrinsic	1.2.4	MIT
getpass@0.1.7	getpass	0.1.7	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
har-validator@2.0.6	har-validator	2.0.6	ISC
has-ansi@2.0.0	has-ansi	2.0.0	MIT
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
hawk@3.1.3	hawk	3.1.3	BSD-3-Clause
hoek@2.16.3	hoek	2.16.3	BSD-3-Clause
http-errors@2.0.0	http-errors	2.0.0	MIT
http-signature@1.1.1	http-signature	1.1.1	MIT

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Module Name	Name	Version	Licenses
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@0.0.2	insights-api	0.0.2	UNLICENSED
ipaddr.js@1.9.1	ipaddr.js	1.9.1	MIT
is-arrayish@0.3.2	is-arrayish	0.3.2	MIT
is-fullwidth-code-point@3.0.0	is-fullwidth-code-point	3.0.0	MIT
is-my-ip-valid@1.0.1	is-my-ip-valid	1.0.1	MIT
is-my-json-valid@2.20.6	is-my-json-valid	2.20.6	MIT
is-property@1.0.2	is-property	1.0.2	MIT
is-retry-allowed@2.2.0	is-retry-allowed	2.2.0	MIT
is-stream@2.0.1	is-stream	2.0.1	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
iterare@1.2.1	iterare	1.2.1	ISC
jackspeak@2.3.6	jackspeak	2.3.6	BlueOak-1.0.0
jsbn@0.1.1	jsbn	0.1.1	MIT
json-schema@0.4.0	json-schema	0.4.0	(AFL-2.1 OR BSD-3-Clause)
json-stringify-safe@5.0.1	json-stringify-safe	5.0.1	ISC
jsonpointer@5.0.1	jsonpointer	5.0.1	MIT
jsonwebtoken@9.0.2	jsonwebtoken	9.0.2	MIT
jsprim@1.4.2	jsprim	1.4.2	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
kuler@2.0.0	kuler	2.0.0	MIT
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.assign@4.2.0	lodash.assign	4.2.0	MIT

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Module Name	Name	Version	Licenses
lodash.clonedeep@4.5.0	lodash.clonedeep	4.5.0	MIT
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.foreach@4.5.0	lodash.foreach	4.5.0	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.values@4.3.0	lodash.values	4.3.0	MIT
lodash@4.17.21	lodash	4.17.21	MIT
logform@2.6.1	logform	2.6.1	MIT
lru-cache@10.2.2	lru-cache	10.2.2	ISC
lru-cache@10.4.3	lru-cache	10.4.3	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
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

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Module Name	Name	Version	Licenses
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
node-uuid@1.4.8	node-uuid	1.4.8	MIT
node-zookeeper-client@0.2.3	node-zookeeper-client	0.2.3	MIT
normalize-path@3.0.0	normalize-path	3.0.0	MIT
oauth-sign@0.8.2	oauth-sign	0.8.2	Apache-2.0
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
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
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
pinkie-promise@2.0.1	pinkie-promise	2.0.1	MIT
pinkie@2.0.4	pinkie	2.0.4	MIT
process-nextick-args@2.0.1	process-nextick-args	2.0.1	MIT
promise-coalesce@1.1.2	promise-coalesce	1.1.2	BSD-3-Clause

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Module Name	Name	Version	Licenses
proxy-addr@2.0.7	proxy-addr	2.0.7	MIT
proxy-from-env@1.1.0	proxy-from-env	1.1.0	MIT
punycode@1.4.1	punycode	1.4.1	MIT
qs@6.11.0	qs	6.11.0	BSD-3-Clause
qs@6.3.3	qs	6.3.3	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
request@2.76.0	request	2.76.0	Apache-2.0
require-at@1.0.6	require-at	1.0.6	Apache-2.0
require-directory@2.1.1	require-directory	2.1.1	MIT
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
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
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
simple-swizzle@0.2.2	simple-swizzle	0.2.2	MIT
sliced@1.0.1	sliced	1.0.1	MIT

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
sntp@1.0.9	sntp	1.0.9	BSD
sparse-bitfield@3.0.3	sparse-bitfield	3.0.3	MIT
sshp@1.18.0	sshp	1.18.0	MIT
stack-trace@0.0.10	stack-trace	0.0.10	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
stringstream@0.0.6	stringstream	0.0.6	MIT
strip-ansi@3.0.1	strip-ansi	3.0.1	MIT
strip-ansi@6.0.1	strip-ansi	6.0.1	MIT
strip-ansi@7.1.0	strip-ansi	7.1.0	MIT
supports-color@2.0.0	supports-color	2.0.0	MIT
supports-color@7.2.0	supports-color	7.2.0	MIT
tar-stream@2.2.0	tar-stream	2.2.0	MIT
text-hex@1.0.0	text-hex	1.0.0	MIT
tmp@0.2.3	tmp	0.2.3	MIT
toidentifier@1.0.1	toidentifier	1.0.1	MIT
tough-cookie@2.3.4	tough-cookie	2.3.4	BSD-3-Clause
tr46@0.0.3	tr46	0.0.3	MIT
traverse@0.3.9	traverse	0.3.9	MIT*
triple-beam@1.4.1	triple-beam	1.4.1	MIT
tslib@2.6.2	tslib	2.6.2	0BSD
tunnel-agent@0.4.3	tunnel-agent	0.4.3	Apache-2.0
tweetnacl@0.14.5	tweetnacl	0.14.5	Unlicense
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
underscore@1.4.4	underscore	1.4.4	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

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Table 5 – continued from previous page

Module Name	Name	Version	Licenses
validator@13.11.0	validator	13.11.0	MIT
vary@1.1.2	vary	1.1.2	MIT
verror@1.10.0	verror	1.10.0	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
winston-transport@4.7.1	winston-transport	4.7.1	MIT
winston@3.14.1	winston	3.14.1	MIT
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
y18n@5.0.8	y18n	5.0.8	ISC
yargs-parser@21.1.1	yargs-parser	21.1.1	ISC
yargs@17.7.2	yargs	17.7.2	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
@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

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Table 6 – continued from previous page

Module Name	Name	Version	Licenses
@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@22.15.17	@types/node	22.15.17	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@7.1.3	agent-base	7.1.3	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@0.8.2	assert-options	0.8.2	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
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

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Table 6 – continued from previous page

Module Name	Name	Version	Licenses
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@12.1.0	commander	12.1.0	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@4.3.7	debug	4.3.7	MIT
debug@4.4.0	debug	4.4.0	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
estraverse@5.3.0	estraverse	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

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Module Name	Name	Version	Licenses
follow-redirects@1.15.9	follow-redirects	1.15.9	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@6.0.4	get-uri	6.0.4	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
has-flag@4.0.0	has-flag	4.0.0	MIT
hasown@2.0.2	hasown	2.0.2	MIT
http-cache-semantics@4.2.0	http-cache-semantics	4.2.0	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@7.0.6	https-proxy-agent	7.0.6	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@2.16.1	is-core-module	2.16.1	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
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
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@2.7.0	logform	2.7.0	MIT

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Module Name	Name	Version	Licenses
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@1.0.4	module-details-from-path	1.0.4	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@5.13.23	mongoose	5.13.23	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
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
nssocket@0.6.0	nssocket	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@7.2.0	pac-proxy-agent	7.2.0	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@1.2.5	pg-cloudflare	1.2.5	MIT
pg-connection-string@2.8.5	pg-connection-string	2.8.5	MIT

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Table 6 – continued from previous page

Module Name	Name	Version	Licenses
pg-cursor@2.14.6	pg-cursor	2.14.6	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@1.7.0	pg-minify	1.7.0	MIT
pg-pool@3.9.6	pg-pool	3.9.6	MIT
pg-promise@11.13.0	pg-promise	11.13.0	MIT
pg-protocol@1.9.5	pg-protocol	1.9.5	MIT
pg-query-stream@4.8.1	pg-query-stream	4.8.1	MIT
pg-types@2.2.0	pg-types	2.2.0	MIT
pg@8.14.1	pg	8.14.1	MIT
pg@8.15.6	pg	8.15.6	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@5.4.3	pm2	5.4.3	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
proxy-from-env@1.1.0	proxy-from-env	1.1.0	MIT
pump@3.0.2	pump	3.0.2	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

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Module Name	Name	Version	Licenses
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@1.22.10	resolve	1.22.10	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@2.5.0	safe-stable-stringify	2.5.0	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@7.7.1	semver	7.7.1	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@8.0.5	socks-proxy-agent	8.0.5	MIT
socks@2.8.4	socks	2.8.4	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@3.4.0	spex	3.4.0	MIT
split2@4.2.0	split2	4.2.0	ISC
sprintf-js@1.1.2	sprintf-js	1.1.2	BSD-3-Clause
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@5.25.11	systeminformation	5.25.11	MIT
text-hex@1.0.0	text-hex	1.0.0	MIT
through2@3.0.2	through2	3.0.2	MIT

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Module Name	Name	Version	Licenses
to-regex-range@5.0.1	to-regex-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@2.8.1	tslib	2.8.1	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@6.21.0	undici-types	6.21.0	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@4.9.0	winston-transport	4.9.0	MIT
winston@3.17.0	winston	3.17.0	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)
cff	1.15.1	MIT License
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
gunicorn	20.1.0	MIT License
idna	3.4	BSD License
jwtcrypto	1.4.2	LGPLv3+

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Table 7 – continued from previous page

Name	Version	License
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

3. MongoDB

MongoDB license details: mongo, v8.0.4, MongoDB Inc. Server Side Public License

3.1. 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.

- `django-mongodb-cache`

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

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

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4. Ubuntu OS Licenses

4.1. Open Source Licenses for Release 25.1

- Distributor ID: Ubuntu
- Description: Ubuntu 22.04.5 LTS
- Release: 22.04
- Codename: jammy

Table 1: Automate Ubuntu Open Source Licenses

Name	Version	Licenses
adduser	3.118ubuntu5	GPL-2
aide	0.17.4-1ubuntu0.1	BSD-3-clause-like GPL-2+ other
aide-common	0.17.4-1ubuntu0.1	BSD-3-clause-like GPL-2+ other
apparmor	3.0.4-2ubuntu2.4	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
apport	2.20.11-0ubuntu82.6	GPL-2+
apport-symptoms	0.24	GPL-2+
apt	2.4.13	GPL-2
apt-utils	2.4.13	GPL-2
auditd	1:3.0.7-1build1	GPL-2 LGPL-2.1
base-files	12ubuntu4.7	GPL
base-passwd	3.5.52build1	GPL-2 public-domain
bash	5.1-6ubuntu1.1	GPL-3
bc	1.07.1-3build1	GPL-2.0+ GPL-2.0+ with Texinfo exception X11 permissive permissive public-domain
bcache-tools	1.0.8-4ubuntu3	GPL-2 GPL-2+ PostgreSQL
bind9-dnsutils	1:9.18.30-0ubuntu0.22.04.2	BSD-2-clause BSD-3-clause CC0-1.0 ISC ISC or MPL-2.0 MPL-2.0 public-domain
bind9-host	1:9.18.30-0ubuntu0.22.04.2	BSD-2-clause BSD-3-clause CC0-1.0 ISC ISC or MPL-2.0 MPL-2.0 public-domain
bind9-libs:amd64	1:9.18.30-0ubuntu0.22.04.2	BSD-2-clause BSD-3-clause CC0-1.0 ISC ISC or MPL-2.0 MPL-2.0 public-domain

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Table 1 – continued from previous page

Name	Version	Licenses
binutils	2.38-4ubuntu2.8	GFDL GPL LGPL
binutils-common:amd64	2.38-4ubuntu2.8	GFDL GPL LGPL
binutils-x86-64-linux-gnu	2.38-4ubuntu2.8	GFDL GPL LGPL
bolt	0.9.2-1	LGPL-2.1+
bsd-mailx	8.1.2-0.20180807cvs-2build2	GNU AGPLv3+
bsdextrautils	2.37.2-4ubuntu3.4	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
bsdutils	1:2.37.2-4ubuntu3.4	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	5.16.2-1	GPL-2 GPL-2+ LGPL-2.1+
busybox-initramfs	1:1.30.1-7ubuntu3.1	GPL-2
busybox-static	1:1.30.1-7ubuntu3.1	GPL-2
byobu	5.133-1	GPL-3
bzip2	1.0.8-5build1	BSD-variant GPL-2
ca-certificates	20240203~22.04.1	GPL-2+ MPL-2.0
cloud-guest-utils	0.32-22-g45fe84a5-0ubuntu1	GPL-3
cloud-init	24.4.1-0ubuntu0~22.04.2	Apache-2.0 GPL-3 GPL-3 or Apache-2.0
cloud-initramfs-copymods	0.47ubuntu1	GPL-3.0+
cloud-initramfs-dyn-netconf	0.47ubuntu1	GPL-3.0+
command-not-found	22.04.0	GPL GPL-3
console-setup	1.205ubuntu3	GPL-2
console-setup-linux	1.205ubuntu3	GPL-2
containerd	1.7.24-0ubuntu1~22.04.2	Apache-2.0
coreutils	8.32-4.1ubuntu1.2	GPL-3
cpio	2.13+dfsg-7ubuntu0.1	GPL-3
cracklib-runtime	2.9.6-3.4build4	LGPL-2.1
cron	3.0pl1-137ubuntu3	Artistic GPL-2+ ISC Paul-Vixies-license
cryptsetup	2:2.4.3-1ubuntu1.3	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	2:2.4.3-1ubuntu1.3	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

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Table 1 – continued from previous page

Name	Version	Licenses
cryptsetup-initramfs	2:2.4.3-1ubuntu1.3	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
curl	7.81.0-1ubuntu1.20	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
dash	0.5.11+git20210903+057cd3build1	BSD-3-Clause BSD-3-clause Expat FSFUL FSFULLR GPL-2+ GPL-2+ or BSD-3-clause public-domain
dbus	1.12.20-2ubuntu4.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1 Tcl-BSDish g10-permissive
dbus-user-session	1.12.20-2ubuntu4.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1 Tcl-BSDish g10-permissive
debconf	1.5.79ubuntu1	BSD-2-clause
debconf-i18n	1.5.79ubuntu1	BSD-2-clause
debianutils	5.5-1ubuntu2	GPL-2
diffutils	1:3.8-0ubuntu2	GFDL GPL
dirmngr	2.2.27-3ubuntu2.3	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	1.1ubuntu0.2	ISC
distro-info-data	0.52ubuntu0.9	ISC
dmeventd	2:1.02.175-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
dmidecode	3.3-3ubuntu0.2	GPL-2+
dmsetup	2:1.02.175-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
docker.io	26.1.3-0ubuntu1~22.04.1	Apache-2.0 BSD-2-clause BSD-2-clause~freebsd BSD-3-clause-Generic BSD-3-clause-Google BSD-3-clause-GRPC-Opentracing Expat GPL-2 ISC
dosfstools	4.2-1build3	GPL-3+ public-domain
dpkg	1.21.1ubuntu2.3	BSD-2-clause GPL-2 GPL-2+ public-domain-md5 public-domain-s-s-d
e2fsprogs	1.46.5-2ubuntu1.2	GPL-2 LGPL-2
eatmydata	130-2build1	GPL-3+
ecryptfs-utils	111-5ubuntu1	GPL-2
ed	1.18-1	BSD-2-Clause FCONF FDOC FLOG GFDL-NIV-1.3+ GPL-2+ GPL-3+
efibootmgr	17-1ubuntu2	GPL-2.0+

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Table 1 – continued from previous page

Name	Version	Licenses
eject	2.37.2-4ubuntu3.4	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
ethtool	1:5.16-1ubuntu0.2	GPL-2
fakechroot	2.20.1+ds-2	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+
fakeroot	1.28-1ubuntu1	Artistic GPL-3
fdisk	2.37.2-4ubuntu3.4	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	1:5.41-3ubuntu0.1	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with- legal-disclaimer-2 public-domain
finalrd	9build1	GPL-3
findutils	4.8.0-1ubuntu3	GFDL-1.3 GPL-3
fonts-ubuntu-console	0.83-6ubuntu1	CC-BY-SA-3.0 GPL-3 Ubuntu-Font-Licence- 1.0
friendly-recovery	0.2.42	GPL-2+
ftp	20210827-4build1	BSD-2-Clause BSD-2-clause BSD-3-Clause BSD-3-clause BSD-4-Clause Expat FSFAP FSFULLR GPL-2+ GPL-2+ with Autoconf-data exception GPL-2+ with libtool exception GPL- 3+ with Autoconf-data exception ISC Unli- cense
fuse3	3.10.5-1build1	GPL-2 GPL-2+ LGPL-2.1
fwupd-signed	1.51.1~22.04.1+1.4- 0ubuntu0.1	GPL-2.0+ GPL-3+
gawk	1:5.1.0-1ubuntu0.1	GPL-3+
gcc-12-base:amd64	12.3.0-1ubuntu1~22.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
gdisk	1.0.8-4build1	LGPL-2.0+
gettext-base	0.21-4ubuntu4	GFDL GPL LGPL
gir1.2-glib-2.0:amd64	1.72.0-1	BSD-2-clause GPL-2+ LGPL-2+ MIT
gir1.2-packagekitglib-1.0	1.2.5-2ubuntu3	GPL-2+ LGPL-2.1+
git	1:2.34.1-1ubuntu1.12	Apache-2.0 Boost EDL-1.0 Expat GPL-1+ or Artistic-1 GPL-2 GPL-2+ ISC LGPL-2+ LGPL- 2.1+ dlmalloc mingw-runtime
git-man	1:2.34.1-1ubuntu1.12	Apache-2.0 Boost EDL-1.0 Expat GPL-1+ or Artistic-1 GPL-2 GPL-2+ ISC LGPL-2+ LGPL- 2.1+ dlmalloc mingw-runtime
gnupg	2.2.27-3ubuntu2.3	BSD-3-clause CC0-1.0 Expat GPL-3+ GPL-3+ or BSD-3-clause LGPL-2.1+ LGPL-3+ RFC- Reference TinySCHEME permissive

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Table 1 – continued from previous page

Name	Version	Licenses
gnupg-l10n	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	2.2.27-3ubuntu2.3	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	3.7-1build1	GPL-3+
groff-base	1.22.4-8build1	GFDL-1.3 GPL-3
grub-common	2.06-2ubuntu7.2	CC-BY-SA-3.0 Expat GPL-3+
grub-efi-amd64-bin	2.06-2ubuntu14.8	CC-BY-SA-3.0 Expat GPL-3+
grub-efi-amd64-signed	1.187.12+2.06-2ubuntu14.8	GPL-3+
grub-gfxpayload-lists	0.7	GPL-3
grub-pc	2.06-2ubuntu7.2	CC-BY-SA-3.0 Expat GPL-3+
grub-pc-bin	2.06-2ubuntu7.2	CC-BY-SA-3.0 Expat GPL-3+
grub2-common	2.06-2ubuntu7.2	CC-BY-SA-3.0 Expat GPL-3+
gsasl-common	1.10.0-5	LGPL
guile-3.0-libs:amd64	3.0.7-1	LGPL-3
gzip	1.10-4ubuntu4.1	FSF-manpages GFDL-1.3+-no-invariant GPL-3+
hdparm	9.60+ds-1build3	BSD-2-clause GPL-2+ GPL-2+ or BSD-2-clause hdparm

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Table 1 – continued from previous page

Name	Version	Licenses
hostname	3.23ubuntu2	GPL-2
htop	3.0.5-7build2	GPL-2+
info	6.8-4build1	GFDL-1.3 GPL-3
init	1.62	BSD-3-clause GPL-2+
init-system-helpers	1.62	BSD-3-clause GPL-2+
initramfs-tools	0.140ubuntu13.4	GPL-2
initramfs-tools-bin	0.140ubuntu13.4	GPL-2
initramfs-tools-core	0.140ubuntu13.4	GPL-2
inotify-tools	3.22.1.0-2	GPL-2.1+ LGPL-2.1+
install-info	6.8-4build1	GFDL-1.3 GPL-3
iproute2	5.15.0-1ubuntu2	GPL-2
iptables	1.8.7-1ubuntu5.2	Artistic GPL-2 GPL-2+ custom
iputils-ping	3:20211215-1	GPL
iputils-tracepath	3:20211215-1	GPL
irqbalance	1.8.0-1ubuntu0.2	GPL-2
isc-dhcp-client	4.4.1-2.3ubuntu2.4	GPL-2 MPL-2.0
isc-dhcp-common	4.4.1-2.3ubuntu2.4	GPL-2 MPL-2.0
iso-codes	4.9.0-1	LGPL-2.1+
jq	1.6-2.1ubuntu3	CC-BY-3.0 Expat GPL-2.0+ MIT
kbd	2.3.0-3ubuntu4.22.04	GPL-2+ GPL-2-with-exceptions GPL-any
keyboard-configuration	1.205ubuntu3	GPL-2
keyutils	1.6.1-2ubuntu3	GPL-2+ LGPL-2+
klibc-utils	2.0.10-4ubuntu0.1	GPL-2
kmod	29-1ubuntu1	GPL-2
kpartx	0.8.8-1ubuntu1.22.04.4	GPL-2
landscape-common	23.02-0ubuntu1~22.04.4	GPL-2
lbzip2	2.5-2.3	GPL-3+
less	590-1ubuntu0.22.04.3	GPL-3
libacl1:amd64	2.3.1-1	GPL-2+ LGPL-2+
libaio1:amd64	0.3.112-13build1	LGPL-2.1+
libapparmor1:amd64	3.0.4-2ubuntu2.4	BSD-3-clause BSD-3-clause or GPL-2+ GPL-2 GPL-2+ LGPL-2.1+
libappstream4:amd64	0.15.2-2	FSFAP GPL-2+ LGPL-2.1+ SIL-1.1
libapt-pkg6.0:amd64	2.4.13	GPL-2
libarchive13:amd64	3.6.0-1ubuntu1.4	Apache-2.0 BSD-1-clause-UCB BSD-124-clause-UCB BSD-2-clause BSD-3-clause-UCB BSD-4-clause-UCB Expat PD
libargon2-1:amd64	0~20171227-0.3	Apache-2.0 CC0 CC0 or Apache-2.0

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Table 1 – continued from previous page

Name	Version	Licenses
libassuan0:amd64	2.5.5-1build1	GAP GAP~FSF GPL-2+ GPL-2+ with libtool exception GPL-3+ LGPL-2.1+ LGPL-3+
libatasmart4:amd64	0.19-5build2	GPL-3 LGPL-2.1
libatm1:amd64	1:2.5.1-4build2	GPL-2
libattr1:amd64	1:2.5.1-1build1	GPL-2+ LGPL-2+
libaudit-common	1:3.0.7-1build1	GPL-2 LGPL-2.1
libaudit1:amd64	1:3.0.7-1build1	GPL-2 LGPL-2.1
libauparse0:amd64	1:3.0.7-1build1	GPL-2 LGPL-2.1
libbinutils:amd64	2.38-4ubuntu2.8	GFDL GPL LGPL
libblkid1:amd64	2.37.2-4ubuntu3.4	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
libblockdev-crypto2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-fs2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-loop2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-part-err2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-part2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-swap2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev-utils2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libblockdev2:amd64	2.26-1	GPL-2+ LGPL-2.1+
libbpf0:amd64	1:0.5.0-1ubuntu22.04.1	BSD-2-Clause GPL-2 with Linux-syscall-note exception GPL-2+ GPL-2.0 LGPL-2.1 LGPL-2.1 or BSD-2-Clause
libbrotli1:amd64	1.0.9-2build6	MIT
libbsd0:amd64	0.11.5-1	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
libbz2-1.0:amd64	1.0.8-5build1	BSD-variant GPL-2
libc-bin	2.35-0ubuntu3.9	GFDL-1.3 GPL-2 LGPL-2.1
libc6:amd64	2.35-0ubuntu3.9	GFDL-1.3 GPL-2 LGPL-2.1
libcap-ng0:amd64	0.7.9-2.2build3	GPL-2 GPL-3 LGPL-2.1
libcap2:amd64	1:2.44-1ubuntu0.22.04.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libcap2-bin	1:2.44-1ubuntu0.22.04.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+

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Table 1 – continued from previous page

Name	Version	Licenses
libcbor0.8:amd64	0.8.0-2ubuntu1	Apache-2.0 Expat
libcom-err2:amd64	1.46.5-2ubuntu1.2	MIT
libcrack2:amd64	2.9.6-3.4build4	LGPL-2.1
libcrypt1:amd64	1:4.4.27-1	Public domain
libcryptsetup12:amd64	2:2.4.3-1ubuntu1.3	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	2.38-4ubuntu2.8	GFDL GPL LGPL
libctf0:amd64	2.38-4ubuntu2.8	GFDL GPL LGPL
libcurl3-gnutls:amd64	7.81.0-1ubuntu1.20	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libcurl4:amd64	7.81.0-1ubuntu1.20	BSD-3-Clause BSD-4-Clause ISC curl other public-domain
libdb5.3:amd64	5.3.28+dfsg1-0.8ubuntu3	Oracle Berkeley DB
libdbus-1-3:amd64	1.12.20-2ubuntu4.1	AFL-2.1 BSD-3-clause BSD-3-clause-generic Expat GPL-2+ GPL-2+ or AFL-2.1 GPL-2+ or AFL-2.1 Tcl-BSDish g10-permissive
libdebconfclient0:amd64	0.261ubuntu1	public domain
libdevmapper-event1.02.1:amd64	2:1.02.175-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
libdevmapper1.02.1:amd64	2:1.02.175-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
libdns-export1110	1:9.11.19+dfsg-2.1ubuntu3	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
libdrm-common	2.4.113-2~ubuntu0.22.04.1	LGPL
libdrm2:amd64	2.4.113-2~ubuntu0.22.04.1	LGPL
libdw1:amd64	0.186-1ubuntu0.1	GPL-2 GPL-3 LGPL-3
libeatmydata1:amd64	130-2build1	GPL-3+
libecryptfs1	111-5ubuntu1	GPL-2
libedit2:amd64	3.1-20210910-1build1	BSD-3-clause
libefiboot1:amd64	37-6ubuntu2	GPL-2.0+ LGPL-2.0+
libefivar1:amd64	37-6ubuntu2	GPL-2.0+ LGPL-2.0+
libelf1:amd64	0.186-1ubuntu0.1	GPL-2 GPL-3 LGPL-3
liberror-perl	0.17029-1	Artistic Artistic or GPL-1+ GPL-1+ MIT/X11
libestr0	0.1.11-0adiscon1jammy1	LGPL-2.1
libevent-core-2.1-7:amd64	2.1.12-stable-1build3	BSD-2-clause BSD-3-Clause~Kitware BSD-3-clause BSL Expat FSFUL FSFULLR FSFULLR-No-Warranty GPL-2+ GPL-3+ ISC curl

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Name	Version	Licenses
libevent-pthreads-2.1-7:amd64	2.1.12-stable-1build3	BSD
libexpat1:amd64	2.4.7-1ubuntu0.6	MIT
libext2fs2:amd64	1.46.5-2ubuntu1.2	GPL-2 LGPL-2
libfakechroot:amd64	2.20.1+ds-2	BSD-1-clause BSD-2-clause BSD-3-clause GPL-2+ LGPL-2.1 LGPL-2.1+ LGPL-3+
libfakeroot:amd64	1.28-1ubuntu1	Artistic GPL-3
libfastjson4	1.2304.0-0adiscon1jammy1	Apache-2.0 Expat
libfdisk1:amd64	2.37.2-4ubuntu3.4	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
libffi7:amd64	3.3-5ubuntu1	GPL
libffi8:amd64	3.4.2-4	GPL
libfido2-1:amd64	1.10.0-1	BSD-2-clause ISC public-domain
libflashrom1:amd64	1.2-5build1	GPL-2
libfreetype6:amd64	2.11.1+dfsg-1ubuntu0.3	BSD-3-Clause BSL-1.0 FSFAP FTL GPL-2+ GPL-3+ MIT OpenGroup-BSD-like Public-Domain Zlib
libfribidi0:amd64	1.0.8-2ubuntu3.1	LGPL-2.1+
libftdi1-2:amd64	1.5-5build3	GPL-2 LGPL-2
libfuse3-3:amd64	3.10.5-1build1	GPL-2 GPL-2+ LGPL-2.1
libfwupd2:amd64	1.7.9-1~22.04.3	CC0-1.0 LGPL-2.1+ LGPL-2.1+ OR MIT MIT
libfwupdplugin5:amd64	1.7.9-1~22.04.3	CC0-1.0 LGPL-2.1+ LGPL-2.1+ OR MIT MIT
libgc1:amd64	1:8.0.6-1.1build1	custom:MIT style
libgcab-1.0-0:amd64	1.4-3build2	LGPL-2.0+ LGPL-2.1+
libgcc-s1:amd64	12.3.0-1ubuntu1~22.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libgcrypt20:amd64	1.9.4-3ubuntu3	GPL-2 LGPL
libgdbm-compat4:amd64	1.23-1	GFDL-NIV-1.3+ GPL-2+ GPL-3+
libgdbm6:amd64	1.23-1	GFDL-NIV-1.3+ GPL-2+ GPL-3+
libgirepository-1.0-1:amd64	1.72.0-1	BSD-2-clause GPL-2+ LGPL-2+ MIT
libglib2.0-0:amd64	2.72.4-0ubuntu2.4	LGPL
libglib2.0-bin	2.72.4-0ubuntu2.4	LGPL
libglib2.0-data	2.72.4-0ubuntu2.4	LGPL
libgmp10:amd64	2:6.2.1+dfsg-3ubuntu1	GPL-2 GPL-3 GPL LGPL-3
libgnutls30:amd64	3.7.3-4ubuntu1.6	Apache-2.0 GFDL-1.3 GPL GPL-3) LGPL LGPL-3
libgpg-error0:amd64	1.43-3	BSD-3-clause GPL-3+ LGPL-2.1+ LGPL-2.1+ or BSD-3-clause g10-permissive

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Name	Version	Licenses
libgpgme11:amd64	1.16.0-1.2ubuntu4.2	GPL-2+ GPL-3+ LGPL-2+ LGPL-2.1+ LGPL-3+ LGPL-3+ or GPL-2+
libgpm2:amd64	1.20.7-10build1	GPL-2.0+ GPL-3.0+
libgsasl7:amd64	1.10.0-5	GFDL-1.3+ GPL-3+ LGPL-2+ other
libgssapi-krb5-2:amd64	1.19.2-2ubuntu0.6	GPL-2
libgstreamer1.0-0:amd64	1.20.3-0ubuntu1.1	GPL-2+ GPL-3+ LGPL-2+ LGPL-2.1+
libgudev-1.0-0:amd64	1:237-2build1	LGPL-2+
libgusb2:amd64	0.3.10-1	GPL-2.0+ LGPL-2.1+
libhogweed6:amd64	3.7.3-1build2	Expat GAP GPL-2 GPL-2+ GPL-3+ GPL-3+ with Autoconf exception LGPL-2+ LGPL-3+ LGPL-3+ or GPL-2+ public-domain
libicu70:amd64	70.1-2	GPL-3 MIT
libidn12:amd64	1.38-4ubuntu1	GPL-2+
libidn2-0:amd64	2.3.2-2build1	GPL-2+ GPL-3+ LGPL-3+ LGPL-3+ or GPL-2+ Unicode
libinih1:amd64	53-1ubuntu3	BSD-3-Clause
libinotifytools0:amd64	3.22.1.0-2	GPLv2
libintl-perl	1.26-3build2	Artistic GPL-1+ GPL-3+ GPL-3+ or Artistic or GPL-1+
libintl-xs-perl	1.26-3build2	Artistic GPL-1+ GPL-3+ GPL-3+ or Artistic or GPL-1+
libip4tc2:amd64	1.8.7-1ubuntu5.2	Artistic GPL-2 GPL-2+ custom
libip6tc2:amd64	1.8.7-1ubuntu5.2	Artistic GPL-2 GPL-2+ custom
libisc-export1105:amd64	1:9.11.19+dfsg-2.1ubuntu3	BSD-2-clause BSD-3-clause ISC ISC or MPL-2.0 MPL-2.0
libisns0:amd64	0.101-0ubuntu2	Expat LGPL-2.1+
libjansson4:amd64	2.13.1-1.1build3	Expat
libjcat1:amd64	0.1.9-1	LGPL-2.1+
libjq1:amd64	1.6-2.1ubuntu3	Apache-2.0
libjson-c5:amd64	0.15-3~ubuntu1.22.04.2	Expat
libjson-glib-1.0-0:amd64	1.6.6-1build1	LGPL-2.1+
libjson-glib-1.0-common	1.6.6-1build1	LGPL-2.1+
libk5crypto3:amd64	1.19.2-2ubuntu0.6	GPL-2
libkeyutils1:amd64	1.6.1-2ubuntu3	GPL-2+ LGPL-2+
libklibc:amd64	2.0.10-4ubuntu0.1	GPL-2
libkmod2:amd64	29-1ubuntu1	GPL-2
libkrb5-3:amd64	1.19.2-2ubuntu0.6	GPL-2
libkrb5support0:amd64	1.19.2-2ubuntu0.6	GPL-2
libksba8:amd64	1.6.0-2ubuntu0.2	GPL-3

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Name	Version	Licenses
libldap-2.5-0:amd64	2.5.18+dfsg-0ubuntu0.22.04.3	OpenLDAP Public License
libldap-common	2.5.18+dfsg-0ubuntu0.22.04.3	OpenLDAP Public License
liblmb0:amd64	0.9.24-1build2	OpenLDAP-2.8
liblocale-gettext-perl	1.07-4build3	Artistic Artistic or GPL-1+ GPL-1+
liblockfile-bin	1.17-1build2	LGPL-2.0-or-later AND GPL-2.0-or-later
liblockfile1:amd64	1.17-1build2	LGPL-2.0-or-later AND GPL-2.0-or-later
liblognorm5	2.0.6-0adiscon1jammy1	LGPL-2.1 Apache-2.0
libltdl7:amd64	2.4.6-15build2	LGPL
liblvm2cmd2.03:amd64	2.03.11-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
liblz4-1:amd64	1.9.3-2build2	BSD-2-clause GPL-2 GPL-2+
liblzma5:amd64	5.2.5-2ubuntu1	Autoconf GPL-2 GPL-2+ LGPL-2.1+ PD PD-debian config-h noderivs none permissive-fsf permissive-nowarranty probably-PD
liblzo2-2:amd64	2.10-2build3	GPL-2+
libmagic-mgc	1:5.41-3ubuntu0.1	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with-legal-disclaimer-2 public-domain
libmagic1:amd64	1:5.41-3ubuntu0.1	BSD-2-Clause-alike BSD-2-Clause-netbsd BSD-2-Clause-regents MIT-Old-Style-with-legal-disclaimer-2 public-domain
libmailutils8:amd64	1:3.14-1	GPL LGPL
libmaxminddb0:amd64	1.5.2-1build2	Apache-2.0 BSD-2-clause BSD-3-clause BSD-4-clause CC-BY-SA-3.0 GPL-2+
libmbim-glib4:amd64	1.28.0-1~ubuntu20.04.2	GFDL-NIV-1.3+ GPL-2+ LGPL-2+
libmbim-proxy	1.28.0-1~ubuntu20.04.2	GFDL-NIV-1.3+ GPL-2+ LGPL-2+
libmd0:amd64	1.0.4-1build1	BSD-2-clause BSD-2-clause-NetBSD BSD-3-clause BSD-3-clause-Aaron-D-Gifford Beerware ISC public-domain-md4 public-domain-md5 public-domain-sha1
libmhash2:amd64	0.9.9.9-9build2	LGPLv2
libmm-glib0:amd64	1.20.0-1~ubuntu22.04.4	GPL-2.0 GPL-2.0+ GPL-3.0+ LGPL-2.0+
libmn10:amd64	1.0.4-3build2	GPL-2+ LGPL-2.1
libmodule-find-perl	0.15-1	Artistic Artistic or GPL-1+ GPL-1+
libmodule-scandeps-perl	1.31-1ubuntu0.1	Artistic Artistic or GPL-1+ GPL-1+
libmount1:amd64	2.37.2-4ubuntu3.4	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
libmpdec3:amd64	2.5.1-2build2	BSD GPL-2+
libmpfr6:amd64	4.1.0-3build3	LGPL-3

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Name	Version	Licenses
libmspack0:amd64	0.10.1-2build2	LGPL-2.1
libmysqlclient21:amd64	8.0.42-0ubuntu0.22.04.1	GPL
libncurses6:amd64	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
libncursesw6:amd64	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
libnetfilter-conntrack3:amd64	1.0.9-1	GPL-2+
libnetplan0:amd64	0.106.1-7ubuntu0.22.04.4	GPL-3
libnetsn-mptrapd40:amd64	5.9.1+dfsg-1ubuntu2.8	BSD
libnettle8:amd64	3.7.3-1build2	Expat GAP GPL-2 GPL-2+ GPL-3+ GPL-3+ with Autoconf exception LGPL-2+ LGPL-3+ LGPL-3+ or GPL-2+ public-domain
libnewt0.52:amd64	0.52.21-5ubuntu2	LGPL-2
libnfnetwork0:amd64	1.0.1-3build3	GPL
libnftables1:amd64	1.0.2-1ubuntu3	CC-BY-SA-4.0 GPL-2 GPL-2+
libnftnl11:amd64	1.2.1-1build1	GPL-2 GPL-2+
libnghttp2-14:amd64	1.43.0-1ubuntu0.2	BSD-2-clause Expat GPL-3+ with autoconf exception MIT SIL-OFL-1.1 all-permissive
libnl-3-200:amd64	3.5.0-0.1	GPL-2 LGPL-2.1
libnl-genl-3-200:amd64	3.5.0-0.1	GPL-2 LGPL-2.1
libnph0:amd64	1.6-3build2	LGPL-2.1+
libnsl2:amd64	1.3.0-2build2	BSD-3-clause GPL-2+-autoconf-exception GPL-2+-libtool-exception GPL-3+-autoconf-exception LGPL-2.1 LGPL-2.1+ MIT permissive-autoconf-m4 permissive-autoconf-m4-no-warranty permissive-configure permissive-fsf permissive-makefile-in
libnspr4:amd64	2:4.35-0ubuntu0.22.04.1	MPL-2.0
libnss-systemd:amd64	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libnss3:amd64	2:3.98-0ubuntu0.22.04.2	BSD-3 MIT MPL-2.0 Zlib public-domain
libntfs-3g89	1:2021.8.22-3ubuntu1.2	GPL-2+ LGPL-2+
libntlm0:amd64	1.6-4	LGPL-2+
libnuma1:amd64	2.0.14-3ubuntu2	GPL LGPL
libonig5:amd64	6.9.7.1-2build1	BSD-2-clause GPL-2+
libopeniscsiusr	2.1.5-1ubuntu1.1	BSD-3-clause BSD-4-clause GPL GPL-2 GPL-2+ GPL-3+ GPL-3+ with Bison exception public-domain

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Name	Version	Licenses
libopts25:amd64	1:5.18.16-4	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-kit0:amd64	0.24.0-6build1	Apache-2.0 BSD-3-Clause ISC ISC+IBM LGPL-2.1+ permissive-like-automake-output same-as-rest-of-p11kit
libpackagekit-glib2-18:amd64	1.2.5-2ubuntu3	GPL-2+ LGPL-2.1+
libpam-cap:amd64	1:2.44-1ubuntu0.22.04.2	BSD-3-clause BSD-3-clause or GPL-2 BSD-3-clause or GPL-2+ GPL-2 GPL-2+
libpam-cracklib:amd64	1.4.0-11ubuntu2.5	LGPL-2.1
libpam-modules:amd64	1.4.0-11ubuntu2.5	GPL
libpam-modules-bin	1.4.0-11ubuntu2.5	GPL
libpam-runtime	1.4.0-11ubuntu2.5	GPL
libpam-systemd:amd64	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libpam0g:amd64	1.4.0-11ubuntu2.5	GPL
libparted-fs-resize0:amd64	3.4-2build1	GPL-3
libparted2:amd64	3.4-2build1	GPL-3
libpcap0.8:amd64	1.10.1-4ubuntu1.22.04.1	BSD license
libpci3:amd64	1:3.7.0-6	GPL-2+
libpcre2-8-0:amd64	10.39-3ubuntu0.1	BSD LICENCE BSD licence public domain
libpcre3:amd64	2:8.39-13ubuntu0.22.04.1	BSD LICENCE BSD licence
libperl5.34:amd64	5.34.0-3ubuntu1.4	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	1.5.5-1	GPL-2+ GPL-3+

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Name	Version	Licenses
libplymouth5:amd64	0.9.5+git20211018-1ubuntu3	GPL-2+ other
libpng16-16:amd64	1.6.37-3build5	Apache-2.0 BSD-3-clause BSD-like-with-advertising-clause GPL-2+ GPL-2+ or BSD-like-with-advertising-clause expat libpng libpng OR Apache-2.0 OR BSD-3-clause
libpolkit-agent-1-0:amd64	0.105-33	Apache-2.0 LGPL-2.0+
libpolkit-gobject-1-0:amd64	0.105-33	Apache-2.0 LGPL-2.0+
libpopt0:amd64	1.18-3build1	GPL-2+ X-Consortium
libpq5:amd64	14.17-0ubuntu0.22.04.1	PostgreSQL
libproc-processtable-perl:amd64	0.634-1build1	Artistic Artistic or GPL-1+ GPL-1+ GPL-2 LGPL-2.1+ other
libprocps8:amd64	2:3.3.17-6ubuntu2.1	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
libpsl5:amd64	0.21.0-1.2build2	Chromium MIT
libpython3-stdlib:amd64	3.10.6-1~22.04.1	GPL-compatible GPL-compatible licenses
libpython3.10:amd64	3.10.12-1~22.04.9	GPL-2
libpython3.10-minimal:amd64	3.10.12-1~22.04.9	GPL-2
libpython3.10-stdlib:amd64	3.10.12-1~22.04.9	GPL-2
libqmi-glib5:amd64	1.32.0-1ubuntu0.22.04.1	GFDL-NIV-1.3+ GPL-2+ LGPL-2.0+
libqmi-proxy	1.32.0-1ubuntu0.22.04.1	GFDL-NIV-1.3+ GPL-2+ LGPL-2.0+
libreadline8:amd64	8.1.2-1	GFDL GPL-3
librsync2:amd64	2.3.2-1ubuntu1	LGPL-2.1+
librtmp1:amd64	2.4+20151223.gitfa8646d.1 2build4	GPL-2 LGPL-2.1
libsasl2-2:amd64	2.1.27+dfsg2-3ubuntu1.2	BSD-2-clause BSD-2.2-clause BSD-3-clause BSD-3-clause-JANET BSD-3-clause-PADL BSD-4-clause BSD-4-clause-UC FSFULLR GPL-3+ IBM-as-is MIT-CMU MIT-Export MIT-OpenVision OpenLDAP OpenSSL RSA-MD SSLeay
libsasl2-modules:amd64	2.1.27+dfsg2-3ubuntu1.2	BSD-2-clause BSD-2.2-clause BSD-3-clause BSD-3-clause-JANET BSD-3-clause-PADL BSD-4-clause BSD-4-clause-UC FSFULLR GPL-3+ IBM-as-is MIT-CMU MIT-Export MIT-OpenVision OpenLDAP OpenSSL RSA-MD SSLeay

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Name	Version	Licenses
libsasl2-modules-db:amd64	2.1.27+dfsg2-3ubuntu1.2	BSD-2-clause BSD-2.2-clause BSD-3-clause BSD-3-clause-JANET BSD-3-clause-PADL BSD-4-clause BSD-4-clause-UC FSFULLR GPL-3+ IBM-as-is MIT-CMU MIT-Export MIT-OpenVision OpenLDAP OpenSSL RSA-MD SSLeay
libseccomp2:amd64	2.5.3-2ubuntu3~22.04.1	LGPL-2.1
libselinux1:amd64	3.3-1build2	GPL-2 LGPL-2.1
libsemanage-common	3.3-1build2	GPL LGPL
libsemanage2:amd64	3.3-1build2	GPL LGPL
libsensors-config	1:3.6.0-7ubuntu1	GPL-2. LGPL-2.1.
libsensors5:amd64	1:3.6.0-7ubuntu1	GPL-2. LGPL-2.1.
libsepol2:amd64	3.3-1build1	GPL LGPL
libsgutils2-2:amd64	1.46-1ubuntu0.22.04.1	GPL
libsigsegv2:amd64	2.13-1ubuntu3	GPL-2+ GPL-2+ with Autoconf exception permissive-fsf permissive-other
libslang2:amd64	2.3.2-5build4	GPL-2+
libsmartcols1:amd64	2.37.2-4ubuntu3.4	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
libsmbios-c2	2.4.3-1build1	GPL
libsnmp-base	5.9.1+dfsg-1ubuntu2.8	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
libsnmp40:amd64	5.9.1+dfsg-1ubuntu2.8	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
libsodium23:amd64	1.0.18-1build2	BSD-2-clause CC0 GPL-2+ ISC MIT public-domain
libsort-naturally-perl	1.03-2	Artistic Artistic or GPL-1+ GPL-1+
libsqlite3-0:amd64	3.37.2-2ubuntu0.3	GPL-2+ public-domain
libss2:amd64	1.46.5-2ubuntu1.2	MIT
libssh-4:amd64	0.9.6-2ubuntu0.22.04.3	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-dev:amd64	3.0.2-0ubuntu1.19	Apache License 2.0
libssl3:amd64	3.0.2-0ubuntu1.19	Apache-2.0 Artistic Artistic or GPL-1+ GPL-1+
libstdc++6:amd64	12.3.0-1ubuntu1~22.04	Artistic GFDL-1.2 GPL GPL-2 GPL-3 GPL LGPL
libstemmer0d:amd64	2.2.0-1build1	BSD-3-snowball
libsystemd0:amd64	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libtasn1-6:amd64	4.18.0-4ubuntu0.1	GFDL-1.3 GPL-3 LGPL LGPL-2.1

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Name	Version	Licenses
libtcl8.6:amd64	8.6.12+dfsg-1build1	custom
libterm-readkey-perl	2.38-1build4	Artistic Artistic or GPL-1+ GPL-1+ termreadkey termreadkey or Artistic or GPL-1+
libtext-charwidth-perl	0.04-10build3	Artistic Artistic or GPL-1+ GPL-1+
libtext-iconv-perl	1.7-7build3	Artistic Artistic or GPL-1+ GPL-1+
libtext-wrapi18n-perl	0.06-9	Artistic Artistic or GPL-1+ GPL-1+
libtinfo6:amd64	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
libtirpc-common	1.3.2-2ubuntu0.1	BSD-2-Clause BSD-3-Clause BSD-4-Clause GPL-2 LGPL-2.1+ PERMISSIVE __AUTO_PERMISSIVE__
libtirpc3:amd64	1.3.2-2ubuntu0.1	BSD-2-Clause BSD-3-Clause BSD-4-Clause GPL-2 LGPL-2.1+ PERMISSIVE __AUTO_PERMISSIVE__
libtspi1	0.3.15-0.2	custom
libtss2-esys-3.0.2-0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-mu0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-sys1:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-tcti-cmd0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-tcti-device0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-tcti-mssim0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libtss2-tcti-swtpm0:amd64	3.2.0-1ubuntu1.1	BSD-2-clause GPL-3 TCG
libuchardet0:amd64	0.0.7-1build2	GPL-2+ LGPL-2.1+ MPL-1.1 MPL-1.1 or GPL-2+ or LGPL-2.1+
libudev1:amd64	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
libudisks2-0:amd64	2.9.4-1ubuntu2	GPL-2+ LGPL-2+
libunistring2:amd64	1.0-1	FreeSoftware GFDL-1.2+ GPL-2+ GPL-2+ with distribution exception GPL-3+ GPL-3+ or GFDL-1.2+ LGPL-3+ LGPL-3+ or GPL-2+ MIT
libunwind8:amd64	1.3.2-2build2.1	Expat GPL-2+
liburcu8:amd64	0.13.1-1	BSD-2-clause Expat FSFUL GPL-2 GPL-2+ GPL-3+ LGPL-2.1 LGPL-2.1+ MIT-MINIMAL
libusb-1.0-0:amd64	2:1.0.25-1ubuntu2	GPL-2 LGPL-2.1
libutempter0:amd64	1.2.1-2build2	LGPL-2.1
libuuid1:amd64	2.37.2-4ubuntu3.4	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

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Name	Version	Licenses
libuv1:amd64	1.43.0-1ubuntu0.1	Apache-2.0 BSD-1-clause BSD-2-clause BSD-3-clause CC-BY-4.0 Expat GPL3+ with auto-conf exception ISC
libvolume-key1	0.3.12-3.1build3	GPL-2 GPL-2+ MPL-1.1 or GPL-2+ or LGPL-2.1+
libwrap0:amd64	7.6.q-31build2	BSD
libx11-6:amd64	2:1.7.5-1ubuntu0.3	MIT license
libx11-data	2:1.7.5-1ubuntu0.3	MIT license
libxau6:amd64	1:1.0.9-1build5	The Open Group
libxcb1:amd64	1.14-3ubuntu3	custom
libxdmcp6:amd64	1:1.1.3-0ubuntu5	The Open Group
libxext6:amd64	2:1.3.4-1build1	The Open Group
libxml2:amd64	2.9.13+dfsg-1ubuntu0.7	ISC MIT-1
libxmlb2:amd64	0.3.6-2build1	CC0-1.0 LGPL-2.1+
libxmlsec1:amd64	1.2.33-1build2	custom
libxmlsec1-openssl:amd64	1.2.33-1build2	custom
libxmuu1:amd64	2:1.1.3-3	The Open Group
libxslt1.1:amd64	1.1.34-4ubuntu0.22.04.3	custom
libxtables12:amd64	1.8.7-1ubuntu5.2	Artistic GPL-2 GPL-2+ custom
libxxhash0:amd64	0.8.1-1	BSD-2-clause GPL-2
libyaml-0-2:amd64	0.2.2-1build2	Expat permissive
libzstd1:amd64	1.4.8+dfsg-3build1	BSD-3-clause Expat GPL-2 zlib
linux-base	4.5ubuntu9+22.04.1	GPL-2
linux-headers-5.15.0-138	5.15.0-138.148	GPL-2
linux-headers-5.15.0-138-generic	5.15.0-138.148	GPL-2
linux-headers-5.15.0-139	5.15.0-139.149	GPL-2
linux-headers-5.15.0-139-generic	5.15.0-139.149	GPL-2
linux-headers-generic	5.15.0.139.135	GPL-2
linux-headers-virtual	5.15.0.139.135	GPL-2
linux-image-5.15.0-138-generic	5.15.0-138.148	GPL-2
linux-image-5.15.0-139-generic	5.15.0-139.149	GPL-2
linux-image-virtual	5.15.0.139.135	GPL-2
linux-modules-5.15.0-138-generic	5.15.0-138.148	GPL-2

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Name	Version	Licenses
linux-modules-5.15.0-139-generic	5.15.0-139.149	GPL-2
linux-virtual	5.15.0.139.135	GPL-2
locales	2.35-0ubuntu3.9	GFDL-1.3 GPL-2 LGPL-2.1
login	1:4.8.1-2ubuntu2.2	GPL-2
logrotate	3.19.0-1ubuntu1.1	BSD-3-Clause GPL-2 GPL-3+
logsave	1.46.5-2ubuntu1.2	GPL-2 LGPL-2
lsb-base	11.1.0ubuntu4	BSD-3-clause GPL-2
lsb-release	11.1.0ubuntu4	BSD-3-clause GPL-2
lshw	02.19.git.2021.06.19.996aa2build1	GPL
lsuf	4.93.2+dfsg-1.1build2	BSD-4-clause GPL-2+ LGPL-2+ Purdue send-mail
lvm2	2.03.11-2.1ubuntu5	BSD-2-Clause GPL-2.0 GPL-2.0+ LGPL-2.1
lxd-agent-loader	0.5	Apache-2
mailutils	1:3.14-1	GFDL-NIV+ GPL-3+ LGPL-3+
mailutils-common	1:3.14-1	GFDL-NIV+ GPL-3+ LGPL-3+
man-db	2.10.2-1	GPL-2+ GPL-3+
manpages	5.10-1ubuntu1	BSD-3-clause BSD-4-clause Expat GPL-2 GPL-2+ LDPv1 freely-redistributable henry-spencer-regex public-domain verbatim
mawk	1.3.4.20200120-3	GPL-2
mdadm	4.2-0ubuntu2	GPL-2+
media-types	7.0.0	ad-hoc
mokutil	0.6.0-2~22.04.2	GPL-3+ with OpenSSL exception
motd-news-config	12ubuntu4.7	GPL
mount	2.37.2-4ubuntu3.4	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
mtr-tiny	0.95-1	GPL-2+
multipath-tools	0.8.8-1ubuntu1.22.04.4	GPL-2
mysql-common	5.8+1.0.8	GPL-2+
nano	6.2-1ubuntu0.1	GFDL-NIV+ GFDL-NIV+ or GPL-3+ GPL-3+
ncurses-base	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
ncurses-bin	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
ncurses-term	6.3-2ubuntu0.1	BSD-3-clause MIT/X11 X11
needrestart	3.5-5ubuntu2.4	GPL-2
net-tools	1.60+git20181103.0eebece1ubuntu5	GPL-2+
netbase	6.3	GPL-2

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Name	Version	Licenses
netcat-openbsd	1.218-4ubuntu1	BSD-2-Clause BSD-3-Clause
netplan.io	0.106.1-7ubuntu0.22.04.4	GPL-3
networkd-dispatcher	2.1-2ubuntu0.22.04.2	GPL-3+
nftables	1.0.2-1ubuntu3	CC-BY-SA-4.0 GPL-2 GPL-2+
nicstat	1.95-1build3	Artistic GPL-3
ntfs-3g	1:2021.8.22-3ubuntu1.2	GPL-2+ LGPL-2+
open-iscsi	2.1.5-1ubuntu1.1	BSD-3-clause BSD-4-clause GPL GPL-2 GPL-2+ GPL-3+ GPL-3+ with Bison exception public-domain
open-vm-tools	2:12.3.5-3~ubuntu0.22.04.1	BSD-3 GPL-2 GPL-2+ ISC-ibm-and-ibm-dhcp LGPL-2.1 xfree86-1.0
openssh-client	1:8.9p1-3ubuntu0.13	BSD-2-clause BSD-3-clause Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-server	1:8.9p1-3ubuntu0.13	BSD-2-clause BSD-3-clause Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssh-sftp-server	1:8.9p1-3ubuntu0.13	BSD-2-clause BSD-3-clause Expat-with-advertising-restriction Mazieres-BSD-style OpenSSH Powell-BSD-style public-domain
openssl	3.0.2-0ubuntu1.19	Apache-2.0 Artistic Artistic or GPL-1+ GPL-1+
os-prober	1.79ubuntu2	GPL-2
overlayroot	0.47ubuntu1	GPL-3.0+
packagekit	1.2.5-2ubuntu3	GPL-2+ LGPL-2.1+
packagekit-tools	1.2.5-2ubuntu3	GPL-2+ LGPL-2.1+
parted	3.4-2build1	GPL-3
passwd	1:4.8.1-2ubuntu2.2	GPL-2
pastebinit	1.5.1-1ubuntu1	GPL-2+
patch	2.7.6-7build2	GPL
pci.ids	0.0~2022.01.22-1ubuntu0.1	BSD-3-clause GPL-2+ GPL-2+ or BSD-3-clause
pciutils	1:3.7.0-6	GPL-2+

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Name	Version	Licenses
perl	5.34.0-3ubuntu1.4	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-base	5.34.0-3ubuntu1.4	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-5.34	5.34.0-3ubuntu1.4	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
pinentry-curses	1.1.1-1build2	GPL-2 GPL-2+ LGPL-3+ LGPL-3+ or GPL-2+ X11
pkexec	0.105-33	Apache-2.0 LGPL-2.0+
plymouth	0.9.5+git20211018- 1ubuntu3	GPL-2+ other
plymouth-theme-ubuntu- text	0.9.5+git20211018- 1ubuntu3	GPL-2+ other
policykit-1	0.105-33	Apache-2.0 LGPL-2.0+

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Name	Version	Licenses
polkitd	0.105-33	Apache-2.0 LGPL-2.0+
pollinate	4.33-3ubuntu2.1	GPL-3
postfix	3.6.4-1ubuntu1.3	BSD-4-Clause-UC EPL-2.0 OR IPL-1.0
powermgmt-base	1.36	GPL-2+
procps	2:3.3.17-6ubuntu2.1	GPL-2.0+ LGPL-2.0+ LGPL-2.1+
psmisc	23.4-2build3	GPL-2+
publicsuffix	20211207.1025-1	CC0 MPL-2.0
pv	1.6.6-1build2	MIT
python-apt-common	2.4.0ubuntu4	GPL-2+ Permissive
python-babel-localedata	2.8.0+dfsg.1-7	BSD-3-clause GPL-2+ Unicode
python-is-python3	3.9.2-2	GPL-3.0
python3	3.10.6-1~22.04.1	GPL-compatible GPL-compatible licenses
python3-apport	2.20.11-0ubuntu82.6	GPL-2+
python3-apt	2.4.0ubuntu4	GPL-2+ Permissive
python3-attr	21.2.0-1	Expat
python3-automat	20.2.0-1	Expat
python3-babel	2.8.0+dfsg.1-7	BSD-3-clause GPL-2+ Unicode
python3-bcrypt	3.2.0-1build1	Apache-2.0 BSD-3-Clause BSD-4-Clause GPL-3+ ISC public-domain
python3-blinker	1.4+dfsg1-0.4	BSD-2-clause BSD-3-clause Expat
python3-certifi	2020.6.20-1	GPL-2 MPL-2
python3-cffi-backend:amd64	1.15.0-1build2	Expat
python3-chardet	4.0.0-1	LGPL-2.1+
python3-click	8.0.3-1	BSD-3-clause
python3-colorama	0.4.4-1	BSD-3 GPL-2+
python3-commandnotfound	22.04.0	GPL GPL-3
python3-configobj	5.0.6-5ubuntu0.1	BSD-3-clause
python3-constantly	15.1.0-2	CC0 MIT
python3-cryptography	3.4.8-1ubuntu2.2	Apache Expat
python3-dbus	1.2.18-3build1	AFL-2.1 Expat GPL-2+ GPL-2+ or AFL-2.1
python3-debconf	1.5.79ubuntu1	BSD-2-clause
python3-debian	0.1.43ubuntu1.1	GPL-2+ GPL-3+
python3-distro	1.7.0-1	Apache-2.0
python3-distro-info	1.1ubuntu0.2	ISC
python3-distupgrade	1:22.04.20	Expat GPL-2+
python3-distutils	3.10.8-1~22.04	GPL-compatible GPL-compatible licenses
python3-gdbm:amd64	3.10.8-1~22.04	GPL-compatible GPL-compatible licenses

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Name	Version	Licenses
python3-gi	3.42.1-0ubuntu1	Expat LGPL-2.1+
python3-hamcrest	2.0.2-2	BSD-3-clause GPL-3
python3-httplib2	0.20.2-2	BSD-3 Expat GPL-2+ GPL-3+ LGPL-2.1+ MPL-1.1 MPL-1.1 or GPL-2+ or LGPL-2.1+
python3-hyperlink	21.0.0-3	Expat
python3-idna	3.3-1ubuntu0.1	BSD-3-clause PSF-2 Unicode
python3-importlib-metadata	4.6.4-1	Apache-2
python3-incremental	21.3.0-1	MIT
python3-jeepney	0.7.1-3	Expat
python3-jinja2	3.0.3-1ubuntu0.4	GPL
python3-json-pointer	2.0-0ubuntu1	BSD-3-clauses
python3-jsonpatch	1.32-2	BSD-3-clauses
python3-jsonschema	3.2.0-0ubuntu2	GPL-2+ MIT
python3-jwt	2.3.0-1ubuntu0.2	Expat
python3-keyring	23.5.0-1	Expat GPL-3 PSF-2 PSF-2 or Expat
python3-launchpadlib	1.10.16-1	LGPL-3.0 LGPL-3.0+
python3-lazr.restfulclient	0.14.4-1	LGPL-3.0 LGPL-3.0+
python3-lazr.uri	1.0.6-2	LGPL-3.0
python3-lib2to3	3.10.8-1~22.04	GPL-compatible GPL-compatible licenses
python3-magic	2:0.4.24-2	BSD-2-Clause-alike MIT
python3-markupsafe	2.0.1-2build1	BSD
python3-minimal	3.10.6-1~22.04.1	GPL-compatible GPL-compatible licenses
python3-more-itertools	8.10.0-2	MIT-style
python3-netifaces:amd64	0.11.0-1build2	MIT-style
python3-newt:amd64	0.52.21-5ubuntu2	LGPL-2
python3-oauthlib	3.2.0-1ubuntu0.1	BSD-3-clause
python3-openssl	21.0.0-1	Apache-2.0 public-domain
python3-packaging	21.3-1	Apache-2.0 BSD-3-clause
python3-pexpect	4.8.0-2ubuntu1	ISC
python3-pip	22.0.2+dfsg-1ubuntu0.5	custom
python3-pip-whl	22.0.2+dfsg-1ubuntu0.5	custom
python3-pkg-resources	59.6.0-1.2ubuntu0.22.04.2	Apache-2.0
python3-problem-report	2.20.11-0ubuntu82.6	GPL-2+
python3-ptyprocess	0.7.0-3	ISC
python3-pyasn1	0.4.8-1	BSD-2-clause GPL-2+
python3-pyasn1-modules	0.2.1-1	BSD-2-Clause BSD-3-Clause

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Name	Version	Licenses
python3-pyparsing	2.4.7-1	BSD-2-clause BSD-3-clause Expat GPL-2 GPL-3 ellis-and-grant salvolainen
python3-pyrsistent:amd64	0.18.1-1build1	BSD-3-clause MIT
python3-requests	2.25.1+dfsg-2ubuntu0.1	Apache other
python3-secretstorage	3.3.1-1	BSD-3-clause
python3-serial	3.5-1	custom
python3-service-identity	18.1.0-6	Expat
python3-setuptools	59.6.0-1.2ubuntu0.22.04.2	Apache-2.0
python3-setuptools-whl	59.6.0-1.2ubuntu0.22.04.2	custom
python3-six	1.16.0-3ubuntu1	Expat
python3-software-properties	0.99.22.9	GPL-2+ GPL-3 LGPL-3
python3-systemd	234-3ubuntu2	LGPL-2.1+
python3-twisted	22.1.0-2ubuntu2.6	Expat
python3-tz	2022.1-1ubuntu0.22.04.1	Expat
python3-update-manager	1:22.04.21	GPL LGPL
python3-urllib3	1.26.5-1~exp1ubuntu0.2	Expat PSF-2
python3-venv	3.10.6-1~22.04.1	custom
python3-wadllib	1.3.6-1	LGPL-3.0
python3-wheel	0.37.1-2ubuntu0.22.04.1	GPL-3
python3-yaml	5.4.1-1ubuntu1	MIT
python3-zipp	1.0.0-3ubuntu0.1	Expat
python3-zope.interface	5.4.0-1build1	BSD-2-Clause Zope-2.1
python3.10	3.10.12-1~22.04.9	GPL-2
python3.10-minimal	3.10.12-1~22.04.9	GPL-2
python3.10-venv	3.10.12-1~22.04.9	custom
readline-common	8.1.2-1	GFDL GPL-3
rsync	3.2.7-0ubuntu0.22.04.4	GPL-3
rsyslog	8.2504.0-0adiscon1jammy1	GPL
rsyslog-gnutls	8.2504.0-0adiscon1jammy1	GPL
rsyslog-mmnormalize	8.2504.0-0adiscon1jammy1	GPL
run-one	1.17-0ubuntu1	GPL-3
runc	1.1.12-0ubuntu2~22.04.1	Apache-2.0

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Name	Version	Licenses
sbsigntool	0.9.4-2ubuntu2	CC0 GPL-3+ GPL-3+ with OpenSSL exception LGPL-2+ LGPL-2.1+ LGPL-3+ MIT
screen	4.9.0-1	GPL-3+
secureboot-db	1.8	GPL-3+
sed	4.8-1ubuntu2	GPL-3
sensible-utils	0.0.17	All-permissive GPL-2+ configure installsh
sg3-utils	1.46-1ubuntu0.22.04.1	GPL
sg3-utils-udev	1.46-1ubuntu0.22.04.1	GPL
shared-mime-info	2.1-2	GPL
sharutils	1:4.15.2-5build1	GPL
shim-signed	1.51.4+15.8-0ubuntu1	BSD-2-Clause
snaped	2.67.1+22.04	GPL-3
snmp	5.9.1+dfsg-1ubuntu2.8	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
snmpd	5.9.1+dfsg-1ubuntu2.8	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
snmpttrapd	5.9.1+dfsg-1ubuntu2.8	Artistic-1.0 BSD-3-clause BSD-LIKE GPL-2.0+ GPL-2.0+ or Artistic-1.0
sntp	1:4.2.8p15+dfsg-1ubuntu2	custom
software-properties-common	0.99.22.9	GPL-2+ GPL-3 LGPL-3
sosreport	4.8.2-0ubuntu0~22.04.1	GPL-2 GPL-2+
squashfs-tools	1:4.5-3build1	GPL-2+
ssh-import-id	5.11-0ubuntu1	GPL-3
ssl-cert	1.1.2	BSD-3-clause
strace	5.16-0ubuntu3	LGPL-2.1-or-later
stunnel4	3:5.63-1build1	GPL-2+ GPL-2+-openssl
sudo	1.9.9-1ubuntu2.4	BSD-2-Clause BSD-3-Clause ISC Zlib other
sysstat	12.5.2-2ubuntu0.2	GPL-2+
systemd	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
systemd-hwe-hwdb	249.11.5	GPL-2.0+
systemd-sysv	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
systemd-timesyncd	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
sysvinit-utils	3.01-1ubuntu1	GPL-2+

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Name	Version	Licenses
tar	1.34+dfsg-1ubuntu0.1.22.04.2	GPL-2 GPL-3
tcl	8.6.11+1build2	GPL
tcl8.6	8.6.12+dfsg-1build1	GPL
tcpdump	4.99.1-3ubuntu0.2	4-clause BSD license BSD license
telnet	0.17-44build1	BSD-4-clause
thin-provisioning-tools	0.9.0-2ubuntu1	GPL-2+ GPL-3+
time	1.9-0.1build2	GPL-2+ GPL-3+ freely-redistributable
tmux	3.2a-4ubuntu0.2	BSD-2 BSD-2 BSD-3 bsd-poll.c bsd-poll.h
tnftp	20210827-4build1	BSD-2-Clause BSD-2-clause BSD-3-Clause BSD-3-clause BSD-4-Clause Expat FSFAP FSFULLR GPL-2+ GPL-2+ with Autoconf-data exception GPL-2+ with libtool exception GPL-3+ with Autoconf-data exception ISC Unlicense
tpm-udev	0.6	BSD-2-clause
tzdata	2025b-0ubuntu0.22.04	public domain
ubuntu-advantage-tools	35.1ubuntu0~22.04	GPL-3.0
ubuntu-keyring	2021.03.26	GPL
ubuntu-minimal	1.481.4	GPL-2
ubuntu-pro-client	35.1ubuntu0~22.04	GPL-3.0
ubuntu-pro-client-l10n	35.1ubuntu0~22.04	GPL-3.0
ubuntu-release-upgrader-core	1:22.04.20	Expat GPL-2+
ubuntu-server	1.481.4	GPL-2
ubuntu-standard	1.481.4	GPL-2
ucf	3.0043	GPL-2
udev	249.11-0ubuntu3.15	CC0-1.0 Expat GPL-2 GPL-2 with Linux-syscall-note exception GPL-2+ LGPL-2.1+ public-domain
ufw	0.36.1-4ubuntu0.1	BSD-3-clause GPL-3
unattended-upgrades	2.8ubuntu1	GPL-2+
update-manager-core	1:22.04.21	GPL LGPL
update-notifier-common	3.192.54.8	custom
usb-modeswitch	2.6.1-3ubuntu2	BSD-2-clause GPL-2+
usb-modeswitch-data	20191128-4	GPL-2
usb.ids	2022.04.02-1	GPL-2
usbutils	1:014-1build1	GPL-2
usrmerge	25ubuntu2	GPL-2

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Name	Version	Licenses
util-linux	2.37.2-4ubuntu3.4	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	2.37.2-4ubuntu3.4	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	2:8.2.3995-1ubuntu2.24	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+ GPL-3+ LGPL- 2.1+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-common	2:8.2.3995-1ubuntu2.24	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+ GPL-3+ LGPL- 2.1+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-runtime	2:8.2.3995-1ubuntu2.24	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+ GPL-3+ LGPL- 2.1+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
vim-tiny	2:8.2.3995-1ubuntu2.24	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+ GPL-3+ LGPL- 2.1+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain
walinuxagent	2.2.46-0ubuntu5.1	Apache 2.0
wamerican	2020.12.07-2	Public Domain
wget	1.21.2-2ubuntu1.1	GFDL-1.2 GPL-3
whiptail	0.52.21-5ubuntu2	LGPL-2
xauth	1:1.1-1build2	Apache 2.0
xdg-user-dirs	0.17-2ubuntu4	GPL-2
xfspgrog	5.13.0-1ubuntu2.1	GPL-2 GPL-3+ with autoconf exception LGPL- 2.1
xkb-data	2.33-1	Mozilla Public License Version 2.0
xxd	2:8.2.3995-1ubuntu2.24	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+ GPL-3+ LGPL- 2.1+ OPL-1+ SRA UC Vim Vim-Regexp X11 XPM public-domain

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Table 1 – continued from previous page

Name	Version	Licenses
xz-utils	5.2.5-2ubuntu1	Autoconf GPL-2 GPL-2+ LGPL-2.1+ PD PD-debian config-h noderivs none permissive-fsf permissive-nowarranty probably-PD
zerofree	1.1.1-1build3	GPL-2
zlib1g:amd64	1:1.2.11.dfsg-2ubuntu9.2	Zlib
zstd	1.4.8+dfsg-3build1	BSD-3-clause Expat GPL-2 zlib