#### Johnson Controls Inc.

#### **OSS Disclosures**

Product name	Metasys server
Version	14.0
Date of creation	9/26/2024

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#### **Address**

**Legal Department** 

5757 N. Green Bay Ave.

P.O. Box 591. Milwaukee, WI 53201

**USA** 

JCI may charge you a minimal fee up to \$5 as delivery/handling charges.

# **Open source software Components**

#### Metasys Server\_OAS 14.0.0.1577

Component Name	Version	License
/erl26.2/bin/ct_run.exe		MPL 2.0
/erl26.2/bin/dialyzer.exe		MPL 2.0
/erl26.2/bin/erl_call.exe		MPL 2.0
/erl26.2/bin/erlc.exe		MPL 2.0
/erl26.2/bin/escript.exe		MPL 2.0
/erl26.2/bin/typer.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/beam.debug.smp.dll		MPL 2.0
/erl26.2/erts-14.2.3/bin/beam.smp.dll		MPL 2.0
/erl26.2/erts-14.2.3/bin/ct_run.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/dialyzer.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/epmd.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/erl_call.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/erl_log.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/erlc.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/erlsrv.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/escript.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/heart.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/inet_gethost.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/start_erl.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/typer.exe		MPL 2.0
/erl26.2/erts-14.2.3/bin/yielding_c_fun.exe		MPL 2.0
/erl26.2/Install.exe		MPL 2.0
/erl26.2/lib/asn1-5.2.1/priv/lib/asn1rt_nif.dll		MPL 2.0
/erl26.2/lib/crypto-5.4.1/priv/lib/crypto.dll		MPL 2.0
/erl26.2/lib/crypto-		
5.4.1/priv/lib/crypto_callback.dll		MPL 2.0
/erl26.2/lib/crypto-		
5.4.1/priv/lib/otp_test_engine.dll		MPL 2.0
/erl26.2/lib/erl_interface-		
5.5.1/bin/erl_call.exe		MPL 2.0
/erl26.2/lib/os_mon-		MADL 2.0
2.9.1/priv/bin/nteventlog.exe /erl26.2/lib/os mon-		MPL 2.0
2.9.1/priv/bin/win32sysinfo.exe		MPL 2.0
/erl26.2/lib/public key-		IVII L Z.O
1.15.1/priv/lib/public_key.dll		MPL 2.0
/erl26.2/lib/runtime tools-		
2.0.1/priv/lib/dyntrace.dll		MPL 2.0

/erl26.2/lib/runtime_tools-		
2.0.1/priv/lib/trace_file_drv.dll		MPL 2.0
/erl26.2/lib/runtime tools-		1411 2 2.0
2.0.1/priv/lib/trace_ip_drv.dll		MPL 2.0
/erl26.2/lib/wx-2.4.1/priv/erl_gl.dll		MPL 2.0
/erl26.2/lib/wx-2.4.1/priv/wxe_driver.dll		MPL 2.0
/UserService/System.ServiceProcess.ServiceCo		
ntroller.dll		Apache-2.0
AccessTokenValidationMiddleware	1.0.0.0	MPL 2.0
AngleSharp	0.9.9.2	MIT
AngleSharp.Css	0.17.0	MIT
Antlr3.Runtime	3.4.1.9004	BSD License
Arcom Control Systems Spinlock	2.1.0.0	Apache-2.0
Asp.Versioning.Abstractions	6.2.1	MIT
Asp.Versioning.Abstractions	6.0.0	MIT
Asp.Versioning.Http	6.5.0	MIT
Asp.Versioning.Http	6.0.0	MIT
Asp.Versioning.Mvc	6.4.1	MIT
Asp.Versioning.Mvc	6.0.0	MIT
Asp.Versioning.Mvc.ApiExplorer	6.0.0	MIT
AspNetCore.HealthChecks.SqlServer	2.2.0	Apache 2.0
AspNetCore.HealthChecks.Uris	2.2.0	Apache 2.0
ATech.Ring.DotNet.Cli	2.0.0	Apache-2.0
AutoMapper	12.0.1	MIT
axis	1.4	Apache-2.0
Boost		BSL-1.0
Castle.Core	4.4.0	Apache 2.0
closurecompiler	1.0.0	Apache-2.0
com.fasterxml.jackson.core:jackson-		
annotations	2.15.2	Apache-2.0
com.fasterxml.jackson.core:jackson-core	2.15.2	Apache-2.0
com.fasterxml.jackson.core:jackson-databind	2.15.2	Apache-2.0
com.fasterxml.jackson.datatype:jackson-		
datatype-guava	2.15.2	Apache-2.0
com.fasterxml.jackson.module:jackson-		
module-kotlin	2.15.2	Apache-2.0
com.fasterxml:classmate	1.4.0	Apache-2.0
		Apache- 2.0;LGPL-2.1-
		only;LGPL-2.1-
com.github.jsqlparser:jsqlparser	4.4	only
com.github.stephenc.jcip:jcip-annotations	1.0-1	Apache-2.0
com.github.tkurz:media-fragments-uri	2.4	Apache-2.0
com.github.ziplet:ziplet	2.4.1	Apache-2.0
Jan Breitanistipiet	1	

com.google.android:annotations	4.1.1.4	Apache-2.0
com.google.api.grpc:proto-google-common-		·
protos	2.22.0	Apache-2.0
com.google.code.findbugs:jsr305	3.0.2	Apache-2.0
com.google.code.gson:gson	2.9.1	Apache-2.0
com.google.errorprone:error_prone_annotati		
ons	2.15.0	Apache-2.0
com.google.j2objc:j2objc-annotations	2.8	Apache-2.0
com.googlecode.concurrentlinkedhashmap:co		
ncurrentlinkedhashmap-lru	1.4.2	Apache-2.0
com.googlecode.json-simple:json-simple	1.1.1	Apache-2.0
com.moandjiezana.toml:toml4j	0.7.2	MIT
com.nimbusds:nimbus-jose-jwt	9.24.4	Apache-2.0
com.opencsv:opencsv	5.7.0	Apache-2.0
com.zaxxer:HikariCP	3.4.5	Apache-2.0
Consul	0.7.2.6	Apache 2.0
Controls.Toolkit.Silverlight	1.0.0.0	GPL-2.0 only
CsvHelper	12.1.2	MS-PI
cURL	7.67.0	MIT
Dapper	2.0.30	Apache 2.0
Dapper	1.60.6	Apache 2.0
Dapper	1.60.1	Apache 2.0
Dapper	1.50.5	Apache 2.0
Dapper	1.50.4	Apache 2.0
		boost.org/LICEN
Dinkumware Standard Library		<u>SE_1_0.txt</u>
dotNetRDF	2.2.0	MIT
dotnet-sql-cache	5.0.9	Apache-2.0
Elasticsearch.Net	6.0.0	Apache 2.0
erlang	24.2-1	Apache-2.0
Erlang/OTP	26.2.3	Apache-2.0
erlang26	26.2.1	Apache-2.0
erlang26-debugger	26.2.1	Apache-2.0
erlang26-dialyzer	26.2.1	Apache-2.0
erlang26-diameter	26.2.1	Apache-2.0
erlang26-diameter-src	26.2.1	Apache-2.0
erlang26-doc	26.2.1	Apache-2.0
erlang26-et	26.2.1	Apache-2.0
erlang26-jinterface-src	26.2.1	Apache-2.0
erlang26-observer	26.2.1	Apache-2.0
erlang26-reltool	26.2.1	Apache-2.0
erlang26-src	26.2.1	Apache-2.0
erlang26-wx	26.2.1	Apache-2.0
erlang26-wx-src	26.2.1	Apache-2.0
	1	•

erlang-common-test	1:25.3.2.12+dfsg-1	MPL 2.0
erlang-compiler	8.0.4	Apache-2.0
erlang-cowboy	2.0.0~pre.1+dfsg1-2	MPL 2.0
erlang-cowlib	1.0.0-1	MPL 2.0
erlang-crypto	1:18.3-dfsg-1ubuntu3	MPL 2.0
erlang-dev	1:25.3.2.8+dfsg-1ubuntu4	MPL 2.0
erlang-edoc	1:25.3.2.12+dfsg-1	MPL 2.0
erlang-erl-docgen	1:25.3.2.8+dfsg-1	MPL 2.0
erlang-examples	1:25.3.2.8+dfsg-1	MPL 2.0
erlang-ftp	1:22.2.7+dfsg-1	MPL 2.0
erlang-inets	7.5	Apache-2.0
erlang-jinterface	22.3.4.1	Apache-2.0
erlang-jose	1.11.1-3	MPL 2.0
erlang-megaco	1:25.3.2.8+dfsg-1ubuntu4	MPL 2.0
erlang-odbc	1:16.b.3-dfsg-1ubuntu2	MPL 2.0
erlang-parsetools	1:22.2.7+dfsg-1	MPL 2.0
erlang-public-key	1.11.3	Apache-2.0
erlang-rabbitmq-client313	3.13.1	MPL-2.0
erlang-ranch	1.0.0-1	MPL 2.0
erlang-runtime-tools	1:25.3.2.8+dfsg-1ubuntu4	MPL 2.0
erlang-snmp	5.11	Apache-2.0
erlang-ssh	4.13	Apache-2.0
erlang-ssl	10.6	Apache-2.0
erlang-syntax-tools	2.6	Apache-2.0
erlang-tftp	1:22.2.7+dfsg-1	MPL 2.0
expat	2.4.8	MIT
FK.BouncyCastle.Crypto	1.0.0	MIT
Flurl	3.0.6	MIT
Flurl	3.0.2	MIT
Flurl	3.0.0	MIT
Flurl.Http	3.2.4	MIT
Flurl.Http	3.2.0	MIT
Flurl.Http	3.0.0	MIT
		Font Awesome
FontAwesomeToolkit	4.6.1	Free
GitVersion.Tool	5.1.4-beta1.56	MIT
GraphQL	7.3.0	MIT
GraphQL.Client	1.0.3	MIT
GraphQL.DataLoader	7.3.0	MIT
GraphQL.MicrosoftDI	7.3.0	MIT
GraphQL.Server.Transports.AspNetCore	7.3.0	MIT
GraphQL.Server.Ui.Playground	7.3.0	MIT
GraphQL.SystemTextJson	7.3.0	MIT

GraphQL-Parser	8.1.0	MIT
HiNetCloud.Microsoft.CodeDom.Providers.Dot		
NetCompilerPlatform	22.10.19.7	MIT
HiNetCloud.System.Text.Encodings.Web	22.6.20.6	MIT
HiNetCloud.System.Text.Encodings.Web	22.10.29.18	MIT
HiNetCloud.System.Web.Mvc	20.4.6.21	MIT
HtmlAgilityPack	1.8.2	MIT
HtmlSanitizer	8.0.865	MIT
icu		ICU
IdentityModel	3.10.0	Apache-2.0
IdentityModel.AspNetCore.OAuth2Introspecti		,
on	3.5.0	Apache-2.0
IdentityServer3	2.6.3	Apache-2.0
IdentityServer4.AccessTokenValidation	2.7.0	Apache-2.0
io.github.classgraph:classgraph	4.8.149	MIT
io.mikael:urlbuilder	2.0.9	Apache-2.0
io.sgr:s2-geometry-library-java	1.0.0	Apache-2.0
jackson-core	2.15.2	Apache-2.0
Jaeger	0.3.5	Apache-2.0
Jaeger	0.2.2	Apache-2.0
Jaeger.Thrift	0.3.5	Apache-2.0
Jaeger.Thrift	0.2.2	Apache-2.0
Jaeger.Thrift.VendoredThrift	0.3.5	Apache-2.0
Jaeger.Thrift.VendoredThrift	0.2.2	Apache-2.0
jalview	2.07_2	GPL
		GPL-2.0-
		only;GPL-1.0-or-
		later;Apache-
java-11-openjdk	11.0.13.0	2.0;Apache-1.1
		BSD-1-
in a 44 and the boothers	11.0011	Clause; Apache-
java-11-openjdk-headless	11.0.9.11	2.0;Apache-1.1
		Apache- 1.1;Apache-
		2.0;BSD-1-
java-11-openjdk-headless	11.0.21.0.9	Clause
Java 11 Openjak nedaless	11.0.21.0.3	GPL-2.0-
		only;GPL-1.0-or-
		later;Apache-
java-9-openjdk-jmods	9.0.4.0	2.0;Apache-1.1
javax.validation:validation-api	2.0.1.Final	Apache-2.0
JetBrains.Annotations	2018.3.0	MIT
jftp	1.54	GPL-2.0
jQuery	3.6.1	MIT
jQuery	3.6.0	MIT

jQuery	3.5.1	MIT
jQuery	3.5.0	MIT
jQuery	3.4.1	MIT
jQuery	1.9.1	MIT
jQuery	1.20.2	MIT
jQuery	1.11.0	MIT
jQuery	1.10.2	MIT
jwtd	1.0.0	MIT
kafka	2.8.0	Apache-2.0
Kaika	2.6.0	MIT;BSD-3-
libgssglue1-32bit	0.4	Clause
11000001001 01010	011	Zlib;BSD-3-
		Clause-
		Modification;IJ
libjpeg-turbo		G
libpng	1.6.37	libpng
libpng	1.6.28	libpng
libtiff	4.2.0	libtiff
libtiff		libtiff
libwebsockets	4.3.0	MIT
libwebsockets19	4.3.2	MIT
log4net	2.0.17	Apache-2.0
log4net	2.0.13	Apache-2.0
log4net	2.0.12	Apache-2.0
Manatee.Json	14.1.1-alpha	MIT
MessagePack	1.9.11	MIT
Microsoft.Azure.Cosmos.Direct	3.29.2	MIT
Microsoft.Bcl.AsyncInterfaces	8.0.0	MIT
Microsoft.Bcl.AsyncInterfaces	6.0.0	MIT
Microsoft.Owin	4.2.2	Apache-2.0
Microsoft.Owin.Cors	4.2.2	Apache-2.0
Microsoft.Owin.Host.SystemWeb	3.1.0	Apache-2.0
Microsoft.Owin.Security	4.2.2	Apache-2.0
Microsoft.Owin.Security.Cookies	2.1.0	Apache-2.0
Microsoft.Owin.Security.Jwt	3.0.1	Apache-2.0
Microsoft.Owin.Security.OAuth	4.2.2	Apache-2.0
Microsoft.ServiceFabricApps.FabricObserver.Li		
nux.FrameworkDependent	3.1.3	MIT
${\bf Microsoft. Service Fabric Apps. Fabric Observer. Li}$		
nux.FrameworkDependent	3.1.15	MIT
Microsoft.ServiceFabricApps.FabricObserver.		
Windows.FrameworkDependent	3.1.3	MIT
MicrosoftExtensions.Logging.Xunit	1.0.0	GPL-3.0
MiniProfiler.AspNetCore	4.3.8	MIT

MiniProfiler.AspNetCore.Mvc	4.3.8	MIT
MiniProfiler.Shared	4.3.8	MIT
Moq	4.16.1	BSD-3-Clause
morelinq	3.3.2	Apache 2.0
morelinq	3.2.0	Apache 2.0
net.minidev:accessors-smart	2.4.9	Apache-2.0
net.minidev:json-smart	2.4.10	Apache-2.0
net.sf.geographiclib:GeographicLib-Java	1.49	MIT
net.sourceforge.owlapi:owlapi-oboformat	5.1.20	BSD-3-Clause
Newtonsoft.Json	13.0.3	MIT
Newtonsoft.Json	13.0.1	MIT
Newtonsoft.Json.Bson	1.0.2	MIT
Newtonsoft.Json.Bson	1.0.1	MIT
Newtonsoft.Json.Schema	3.0.14	MIT
	1.0.1+b6a149c029a6452566a940	
Nito.HashAlgorithms.Core	19b60222d214ca27b3	MIT
	1.0.1+b6a149c029a6452566a940	
Nito.HashAlgorithms.CRC	19b60222d214ca27b3	MIT
NLog	5.3.2	BSD-3-Clause
NLog	4.5.5	BSD-3-Clause
	5.3.2+8d52d4f3fcdbd84beae344	
NLog v5.3.2	2e1fdc8125598ed81f	BSD License
NLog.Extensions.Logging	5.3.11	BSD-2-Clause
NLog.Extensions.Logging	1.1.0	BSD-2-Clause
NLog.Web.AspNetCore	5.3.11	BSD-3-Clause
NodaTime	2.4.4	Apache 2.0
NuGet.Frameworks	4.7.0	Apache 2.0
OctoNotes.GitHubUpdater.Tool	0.0.266	Apache-2.0
OpenJDK 9-internal	9.0.0.0	GPL-2.0 only
openjdk11-jmods	11.0.11_p9-r0	GPL-2.0-only
openjdk-11-jre-headless	11.0.22+7-1~deb11u1	GPL-2.0 only
openjdk9-jre-headless	9.0.4_p12-r2	GPL-2.0-only
OpenSSH		BSD-2-Clause
		Apache-
OpenSSL	3.1.0	2.0;OpenSSL
		Apache-
OpenSSL	1.0.2n	2.0;OpenSSL
0 651		Apache-
OpenSSL	1.0.2g	2.0;OpenSSL
OnenSSI	1030	Apache-
OpenSSL	1.0.2e	2.0;OpenSSL
OpenSSL	1.0.1u	Apache- 2.0;OpenSSL
Openool	1.0.10	2.0,0pe1133L

		Apache-
OpenSSL	1.0.10	2.0;OpenSSL
OpenTAP	9.17.4-alpha.4.10	MPL-2.0
OpenTracing	0.12.0	Apache 2.0
OpenTracing.Contrib.NetCore	0.4.0	Apache 2.0
org.antlr:antlr4-runtime	4.9.3	Apache 2.0
org.antlr:antlr4-runtime	4.5.1-1	Apache 2.0
org.antlr:antlr4-runtime	4.12.0	Apache 2.0
org.apache.commons.rdf.api	0.5.0	Apache 2.0
org.apache.commons.rdf.rdf4j	0.5.0	Apache 2.0
org.apache.commons.rdf.simple	0.5.0	Apache 2.0
org.apache.commons:commons-collections4	4.4	Apache 2.0
org.apache.commons:commons-compress	1.21	Apache 2.0
org.apache.commons:commons-dbcp2	2.6.0	Apache 2.0
org.apache.commons:commons-exec	1.1	Apache 2.0
org.apache.commons:commons-lang3	3.12.0	Apache 2.0
org.apache.commons:commons-math3	3.6.1	Apache 2.0
org.apache.commons:commons-pool2	2.6.1	Apache 2.0
org.apache.commons:commons-text	1.10.0	Apache 2.0
org.apache.httpcomponents.client5:httpclient		·
5	5.2.1	Apache 2.0
org.apache.httpcomponents.client5:httpclient		
5	5.1.4	Apache 2.0
org.apache.httpcomponents.core5:httpcore5	5.2.1	Apache 2.0
org.apache.httpcomponents.core5:httpcore5	5.1.5	Apache 2.0
org.apache.httpcomponents.core5:httpcore5-h2	5.2.1	Apache 2.0
org.apache.httpcomponents.core5:httpcore5-h2	5.1.5	Apache 2.0
org.apache.httpcomponents:fluent-hc	4.5.14	Apache 2.0
org.apache.httpcomponents:httpasyncclient	4.1.5	Apache 2.0
org.apache.httpcomponents:httpclient	4.5.14	Apache 2.0
org.apache.httpcomponents:httpclient-cache	4.5.14	Apache 2.0
org.apache.httpcomponents:httpclient-osgi	4.5.14	Apache 2.0
org.apache.httpcomponents:httpcore	4.4.15	Apache 2.0
org.apache.httpcomponents:httpcore-nio	4.4.15	Apache 2.0
org.apache.httpcomponents:httpcore-osgi	4.4.15	Apache 2.0
org.apache.httpcomponents:httpmime	4.5.14	Apache 2.0
org.apache.logging.log4j:log4j-api	2.17.1	Apache 2.0
org.apache.logging.log4j:log4j-core	2.17.1	Apache 2.0
org.apache.logging.log4j:log4j-to-slf4j	2.17.1	Apache 2.0
0 0 0 0 10 1 00 0 00 0	9.3.0	
org.apache.lucene	d25cebcef7a80369f4dfb9285ca7	Apache 2.0

	360a810b75dc - ivera - 2022-07-	
	25 12:30:23	
	8.11.2	
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:59	Apache 2.0
	8.11.2	
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:58	Apache 2.0
	8.11.2	
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:57	Apache 2.0
	8.11.2	<b>'</b>
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:56	Apache 2.0
org.apache.nacene	8.11.2	Apacific 2.0
	17dee71932c683e345508113523	
and the Lands	e764c3e4c80fa - mdrob - 2022-	A l 2 0
org.apache.lucene	06-13 11:23:55	Apache 2.0
	8.11.2	
	17dee71932c683e345508113523	
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org.apache.lucene	06-13 11:23:54	Apache 2.0
	8.11.2	
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:52	Apache 2.0
	8.11.2	
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:47	Apache 2.0
	8.11.2	,
	17dee71932c683e345508113523	
	e764c3e4c80fa - mdrob - 2022-	
org.apache.lucene	06-13 11:23:15	Apache 2.0
- O - p - mercene	8.10.1	p
	2f24e6a49d48a032df1f12e14661	
	2f59141727a9 - mayyasharipova	
org.apache.lucene	- 2021-10-12 15:14:09	Apache 2.0
org.apacrie.iucerie		Apacile 2.0
	8.10.1	
	2f24e6a49d48a032df1f12e14661	
	2f59141727a9 - mayyasharipova	A b
org.apache.lucene	- 2021-10-12 15:14:08	Apache 2.0

8.10.1 2f24e6a49d48a032df1f12e14661 2f59141727a9 - mayyasharipova - 2021-10-12 15:13:55 Apache 2.0  8.10.1 2f24e6a49d48a032df1f12e14661 2f59141727a9 - mayyasharipova org.apache.lucene 8.10.1 2f24e6a49d48a032df1f12e14661 2f59141727a9 - mayyasharipova - 2021-10-12 15:13:05 Apache 2.0  6.6.6 68fa249034ba8b273955f200977 00dc2fbb7a800 - ishan - 2019-03- 29 09:08:27 Apache 2.0  6.6.6 68fa249034ba8b273955f200977 00dc2fbb7a800 - ishan - 2019-03- 0rg.apache.lucene 29 09:07:55 Apache 2.0  9.4.0 71e101bb37497f730078d9afe19 91b60d10bfe96 - stillalex - 2023- org.apache.solr 0rg.apache.tomcat.jdbc 9.0.82 Apache 2.0  org.apache.tomcat-annotations-api 9.0.82 Apache 2.0  org.apache.tomcat-embed-core
org.apache.lucene       2f59141727a9 - mayyasharipova         - 2021-10-12 15:13:55       Apache 2.0         8.10.1       2f24e6a49d48a032df1f12e14661         2f59141727a9 - mayyasharipova       Apache 2.0         org.apache.lucene       - 2021-10-12 15:13:05       Apache 2.0         6.6.6       68fa249034ba8b273955f200977       Odc2fbb7a800 - ishan - 2019-03-         org.apache.lucene       29 09:08:27       Apache 2.0         6.6.6       68fa249034ba8b273955f200977       Odc2fbb7a800 - ishan - 2019-03-         org.apache.lucene       29 09:07:55       Apache 2.0         9.4.0       71e101bb37497f730078d9afe19       91b60d10bfe96 - stillalex - 2023-         org.apache.solr       10-10 19:10:39       Apache 2.0         org.apache.tomcat.jdbc       9.0.82       Apache 2.0         org.apache.tomcat-annotations-api       9.0.82       Apache 2.0
org.apache.lucene       - 2021-10-12 15:13:55       Apache 2.0         8.10.1       2f24e6a49d48a032df1f12e14661       2f59141727a9 - mayyasharipova         org.apache.lucene       - 2021-10-12 15:13:05       Apache 2.0         6.6.6       68fa249034ba8b273955f200977       00dc2fbb7a800 - ishan - 2019-03-29 09:08:27       Apache 2.0         org.apache.lucene       29 09:08:27       Apache 2.0         org.apache.lucene       29 09:07:55       Apache 2.0         org.apache.lucene       9.4.0       71e101bb37497f730078d9afe19         91b60d10bfe96 - stillalex - 2023-0rg.apache.solr       10-10 19:10:39       Apache 2.0         org.apache.tomcat.jdbc       9.0.82       Apache 2.0         org.apache.tomcat-annotations-api       9.0.82       Apache 2.0
8.10.1 2f24e6a49d48a032df1f12e14661 2f59141727a9 - mayyasharipova - 2021-10-12 15:13:05 Apache 2.0  6.6.6 68fa249034ba8b273955f200977 00dc2fbb7a800 - ishan - 2019-03- 29 09:08:27 Apache 2.0  org.apache.lucene 29 09:07:55 Apache 2.0  org.apache.lucene 29 09:07:55 Apache 2.0  71e101bb37497f730078d9afe19 91b60d10bfe96 - stillalex - 2023- org.apache.tomcat.jdbc 9.0.82 Apache 2.0  org.apache.tomcat-annotations-api 9.0.82 Apache 2.0  Apache 2.0
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org.apache.lucene       29 09:07:55       Apache 2.0         9.4.0       71e101bb37497f730078d9afe19         91b60d10bfe96 - stillalex - 2023-       Apache 2.0         org.apache.tomcat.jdbc       9.0.82       Apache 2.0         org.apache.tomcat-annotations-api       9.0.82       Apache 2.0
9.4.0 71e101bb37497f730078d9afe19 91b60d10bfe96 - stillalex - 2023- 10-10 19:10:39 Apache 2.0 org.apache.tomcat.jdbc 9.0.82 Apache 2.0 org.apache.tomcat-annotations-api 9.0.82 Apache 2.0
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91b60d10bfe96 - stillalex - 2023- 10-10 19:10:39 Apache 2.0 org.apache.tomcat.jdbc 9.0.82 Apache 2.0 org.apache.tomcat-annotations-api 9.0.82 Apache 2.0
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org.apache.tomcat-embed-core 9.0.82 Apache 2.0
org.apache.tomcat-juli 9.0.82 Apache 2.0
org.apache.yetus:audience-annotations 0.12.0 Apache 2.0
org.apache.zookeeper:zookeeper 3.9.1 Apache 2.0
org.apache.zookeeper-jute 3.9.1 Apache 2.0
org.eclipse:yasson 2.0.2 EDL-1.0;EPL-2.0
org.geotools:gt-epsg-hsql 27.5 LGPL-2.1-only
org.iq80.snappy:snappy 0.4 Apache-2.0
EPL-1.0;LGPL-
org.javabits.jgrapht:jgrapht-core 0.9.3 2.1
org.jctools:jctools-core 3.1.0 Apache-2.0
org.jetbrains:annotations 13 Apache-2.0
org.jsoup:jsoup 1.15.3 MIT
org.locationtech.proj4j:proj4j 1.1.5 Apache-2.0
org.locationtech.spatial4j:spatial4j 0.7 Apache-2.0
org.mapdb:elsa 3.0.0-M5 Apache-2.0
org.mapdb:mapdb 3.0.8 Apache-2.0
org.semver4j:semver4j 5.2.1 MIT
org.slf4j:jcl-over-slf4j 1.7.36 Apache-2.0
org.slf4j:log4j-over-slf4j 1.7.36 Apache-1.0
org.yaml:snakeyaml 2 Apache-2.0
Pipelines.Sockets.Unofficial 2.0.22 MIT
pitt.search:semanticvectors 5.10.5-onto BSD-1-Clause

Polly	7.2.3	BSD-3-Clause
Polly	7.2.0	BSD-3-Clause
Polly	7.1.1	BSD-3-Clause
Polly	7.1.0	BSD-3-Clause
Polly.Extensions.Http	3.0.0	BSD-3-Clause
pyxnat	0.4.1b.dev	BSD-1-Clause
qpid-dispatch-console	1.5.0	Apache-2.0
qt	5.5.1	BSD
r2rml4net-cli	0.8.0	MIT
R4Mvc.Tools	1.0.0-alpha2-00362	Apache-2.0
RabbitMQ Server	3.13.0	MPL 2.0
RabbitMQ.Client	5.1.1	MPL-2.0
RabbitMQ.Client	5.1.0	MPL-2.0
rabbitmq-server313	3.13.1	MPL-2.0
rabbitmq-server313-plugins	3.13.1	MPL-2.0
RestSharp	106.12.0	Apache 2.0
Scrutor	3.3.0	MIT
Scrutor	3.0.1	MIT
Selenium.WebDriver.PhantomJS	1.0.0	Apache 2.0
SemanticVersioning	1.2.1	MIT
Serilog.Enrichers.AssemblyName	1.0.0	Apache 2.0
Serilog.Enrichers.Process.dll	2.0.1-master-80a9c16	Apache 2.0
SharpZipLib	1.3.3	MIT
SharpZipLibSilverlight	1.0.0.0	MIT
SimpleInjector.Extensions.LifetimeScoping	4.0.0	MIT
SimpleInjector.Integration.ServiceCollection	4.6.2	MIT
SimpleInjector.Integration.Web	2.2.0	MIT
SimpleInjector.Integration.Web.Mvc	2.4.1	MIT
software.amazon.eventstream:eventstream	1.0.1	Apache-2.0
Svg	2.4.3	MS-PL
Swashbuckle. AspNetCore	6.0.7	MIT
Swashbuckle. AspNetCore	5.0.0	MIT
Swashbuckle. AspNetCore	1.0.0	MIT
Swashbuckle. AspNetCore	1.0.0	MIT
Swashbuckle. AspNetCore. Annotations	6.5.0	MIT
Swashbuckle. AspNetCore. Annotations	6.0.7	MIT
Swashbuckle. AspNetCore. Annotations	5.0.0	MIT
Swashbuckle. AspNetCore. Annotations	4.0.1	MIT
Swashbuckle. AspNetCore. Filters	7.0.2	MIT
Swashbuckle.AspNetCore.Filters	4.5.2	MIT
Swashbuckle.AspNetCore.Filters.Abstractions	7.0.2	MIT
	7.0.2+327c796eb6a3ac076a1a2c	
Swashbuckle.AspNetCore.Filters.Abstractions	170ee5c767345f208c	MIT

Swashbuckle.AspNetCore.Newtonsoft	6.0.7	MIT
Swashbuckle.AspNetCore.Swagger	6.5.0	MIT
Swashbuckle.AspNetCore.Swagger	6.0.7	MIT
Swashbuckle.AspNetCore.Swagger	5.0.0	MIT
Swashbuckle.AspNetCore.Swagger	4.0.1	MIT
Swashbuckle.AspNetCore.SwaggerGen	6.5.0	MIT
Swashbuckle.AspNetCore.SwaggerGen	6.0.7	MIT
Swashbuckle.AspNetCore.SwaggerGen	5.0.0	MIT
Swashbuckle.AspNetCore.SwaggerGen	4.0.1	MIT
Swashbuckle.AspNetCore.SwaggerUI	6.0.7	MIT
Swashbuckle.AspNetCore.SwaggerUI	5.0.0	MIT
Swashbuckle.AspNetCore.SwaggerUI	1.0.0	MIT
swt	3.5.2_2	EPL-2.0
tech.units:indriya	2.0.2	BSD-1-Clause
The OpenSSL Toolkit	1.0.2e	Apache 2.0
Topshelf	4.3.0	Apache 2.0
Topshelf	4.2.0	Apache 2.0
TopShelf.ServiceInstaller	4.3.0	Apache 2.0
TopShelf.ServiceInstaller	4.2.0	Apache 2.0
xunit.abstractions	2.0.3	Apache 2.0
xunit.extensibility.core	2.4.1	Apache 2.0
zlib	1.3.1	Zlib
zlib	1.3.1.1	Zlib
zlib	1.2.8	Zlib
zlib	1.2.5	Zlib
zlib	1.2.13	Zlib
zlib	1.2.13.1	Zlib
zlib	1.2.11	Zlib

### NGE Apps\_14.0.1161\_20240730T153

Component Name	Version	License
iana-time-zone	0.1.60	Apache-2.0 or MIT
@babel/code-frame	7.24.2	MIT
libssl3	3.0.2-0ubuntu1.15	See OpenSourceUbuntu table
libnl-genl-3-dev	3.2.27-1ubuntu0.16.04.1	See OpenSourceUbuntu table
fastrand	1.9.0	Apache-2.0 or MIT
@babel/compat-data	7.24.4	MIT
libprocps8	2:3.3.16-1ubuntu2.4	See OpenSourceUbuntu table
@babel/core	7.24.5	MIT
regex-automata	0.4.6	Apache-2.0 or MIT
libk5crypto3	1.19.2-2ubuntu0.3	See OpenSourceUbuntu table

@babel/generator	7.24.5	MIT
@babel/helper-compilation-		
targets	7.23.6	MIT
@babel/helper-environment-		
visitor	7.22.20	MIT
	2.4+20151223.gitfa8646d.1-	
librtmp1	2build4	See OpenSourceUbuntu table
@babel/helper-function-name	7.23.0	MIT
@babel/helper-hoist-variables	7.22.5	MIT
@babel/helper-module-imports	7.24.3	MIT
@babel/helper-module-		
transforms	7.24.5	MIT
@babel/helper-plugin-utils	7.24.5	MIT
@babel/helpers	7.24.5	MIT
@babel/helper-simple-access	7.24.5	MIT
@babel/helper-split-export-		
declaration	7.24.5	MIT
@babel/helper-string-parser	7.24.1	MIT
libc6-prof	2.35-0ubuntu3.8	See OpenSourceUbuntu table
@babel/helper-validator-		
identifier	7.24.5	MIT
rand_chacha	0.3.1	Apache-2.0 or MIT
windows_i686_msvc	0.52.5	Apache-2.0 or MIT
libx11-6	2:1.7.5-1ubuntu0.3	See OpenSourceUbuntu table
@babel/helper-validator-option	7.23.5	MIT
util-linux	2.37.2	GPL-2.0-only
gcc-10-base	10.5.0-1ubuntu1~20.04	See OpenSourceUbuntu table
linux-raw-sys	0.4.13	Apache-2.0 or MIT
devlink	4.16.0-7	GPL-2.0-only
@babel/highlight	7.24.5	MIT
polling	2.8.0	Apache-2.0 or MIT
@babel/parser	7.24.5	MIT
dash	0.5.10.2-6	See OpenSourceUbuntu table
@babel/plugin-transform-		
react-jsx-self	7.24.5	MIT
pin-project-internal	1.1.5	Apache-2.0 or MIT
@babel/plugin-transform-		
react-jsx-source	7.24.1	MIT
@babel/runtime	7.24.7	MIT
@babel/template	7.24.0	MIT
atomic-waker	1.1.2	Apache-2.0 or MIT
unicode-normalization	0.1.23	Apache-2.0 or MIT
@babel/traverse	7.24.5	MIT
libblkid1	2.37.2-4ubuntu3	See OpenSourceUbuntu table

@babel/types	7.24.5	MIT
kqueue	1.0.8	Apache-2.0 or MIT
liblz4-1	1.9.3-2build2	See OpenSourceUbuntu table
android_system_properties	0.1.5	Apache-2.0 or MIT
uWebSockets		MIT
login	1:4.8.1-2ubuntu2.1	See OpenSourceUbuntu table
lock_api	0.4.11	Apache-2.0 or MIT
libcurl4	7.68.0-1ubuntu2.22	See OpenSourceUbuntu table
libapt-pkg6.0	2.0.10	See OpenSourceUbuntu table
libc6	2.35-0ubuntu3.8	See OpenSourceUbuntu table
either	1.11.0	Apache-2.0 or MIT
libnettle8	3.7.3-1build2	See OpenSourceUbuntu table
alpine-keys	2.2-r0	MIT
serde	1.0.197	Apache-2.0 or MIT
libsystemd0	249.11-0ubuntu3.12	See OpenSourceUbuntu table
libc-bin	2.31-0ubuntu9.16	See OpenSourceUbuntu table
e2fsprogs	1.45.5-2ubuntu1.1	See OpenSourceUbuntu table
libkrb5-3	1.19.2-2ubuntu0.3	See OpenSourceUbuntu table
libcom-err2	1.45.5-2ubuntu1.1	See OpenSourceUbuntu table
libunistring2	1.0-1	See OpenSourceUbuntu table
sed	4.8-1ubuntu2	See OpenSourceUbuntu table
passwd	1:4.8.1-2ubuntu2.1	See OpenSourceUbuntu table
notify	6.1.1	Apache-2.0 or MIT
cmake	0.1.50	Apache-2.0 or MIT
libtinfo6	6.3-2ubuntu0.1	See OpenSourceUbuntu table
tzdata	2024a-0ubuntu0.22.04.1	See OpenSourceUbuntu table
async-process	1.8.1	Apache-2.0 or MIT
libxxhash0	0.8.1-1	See OpenSourceUbuntu table
wasm-bindgen-futures	0.4.42	Apache-2.0 or MIT
kerberos	1.17	MIT
util-linux	2.37.2-4ubuntu3	See OpenSourceUbuntu table
swap-utils	2.36.1-2	GPL-2.0-only
libnginx-mod-http-		
uploadprogress	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
num_cpus	1.16.0	Apache-2.0 or MIT
apk-tools	2.10.6-r0	GPL-2.0-only
libnginx-mod-http-subs-filter	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
async-signal	0.2.5	Apache-2.0 or MIT
io-lifetimes	1.0.11	Apache-2.0 or MIT
prometheus	2.25.2-3	Apache-2.0
SharpZipLib	1.4.2	MIT
futures-executor	0.3.30	Apache-2.0 or MIT
fonts-dejavu-core	2.37-2build1	See OpenSourceUbuntu table

mime	0.3.17	Apache-2.0 or MIT
new_debug_unreachable	1.0.6	Apache-2.0 or MIT
percent-encoding	2.3.1	Apache-2.0 or MIT
libuuid	2.35.2-r0	GPL-2.0-or-later
zlib1g	1:1.2.11.dfsg-2ubuntu9.2	See OpenSourceUbuntu table
apk-tools	2.14.0-r2	GPL-2.0-only
libcap-ng0	0.7.9-2.1build1	See OpenSourceUbuntu table
	2.4+20151223.gitfa8646d.1-	·
librtmp1	2build1	See OpenSourceUbuntu table
ryu	1.0.17	Apache-2.0 or MIT
ubuntu-keyring	2020.02.11.4	See OpenSourceUbuntu table
OpenSSL	3.0.2	Apache-2.0;OpenSSL
unicode-bidi	0.3.15	Apache-2.0 or MIT
async-io	1.13.0	Apache-2.0 or MIT
tar	1.34+dfsg-1ubuntu0.1.22.04.2	See OpenSourceUbuntu table
futures-lite	1.13.0	Apache-2.0 or MIT
gimli	0.28.1	Apache-2.0 or MIT
uuid	1.8.0	Apache-2.0 or MIT
apt	2.0.10	See OpenSourceUbuntu table
piper	0.2.1	Apache-2.0 or MIT
debugfs	1.47.0-2	GPL-2.0-only
libgnutls30	3.7.3-4ubuntu1.4	See OpenSourceUbuntu table
readline	8.0.4-r0	GPL-2.0-or-later
h2	0.3.26	Apache-2.0 or MIT
bash	5.1-6ubuntu1.1	See OpenSourceUbuntu table
socket2	0.5.6	Apache-2.0 or MIT
libbz2-1.0	1.0.8-5build1	See OpenSourceUbuntu table
vcpkg	0.2.15	Apache-2.0 or MIT
iputils-ping	3:20211215-1	See OpenSourceUbuntu table
toml	0.2.1	Apache-2.0 or MIT
event-listener	3.1.0	Apache-2.0 or MIT
libaudit1	1:2.8.5-2ubuntu6	See OpenSourceUbuntu table
async-lock	3.3.0	Apache-2.0 or MIT
inotify-sys	0.1.5	Apache-2.0 or MIT
ncurses-bin	6.3-2ubuntu0.1	See OpenSourceUbuntu table
libnginx-mod-http-cache-purge	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
windows-sys	0.48.0	Apache-2.0 or MIT
ncurses	6.2.20200212	MIT
	0.11.0+wasi-snapshot-	
wasi	preview1	Apache-2.0 or MIT
dpkg	1.19.7ubuntu3.2	See OpenSourceUbuntu table
bit-set	0.5.3	Apache-2.0 or MIT
ncurses	6.2.20200523	MIT

thiserror-impl	1.0.58	Apache-2.0 or MIT
alpine-baselayout	3.4.3-r1	GPL-2.0-only
httpdate	1.0.3	Apache-2.0 or MIT
libnginx-mod-http-geoip2	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
log	0.4.21	Apache-2.0 or MIT
libxdmcp6	1:1.1.3-0ubuntu5	See OpenSourceUbuntu table
gethostname	0.4.3	Apache-2.0 or MIT
libgdbm6	1.23-1	See OpenSourceUbuntu table
libxcb1	1.14-3ubuntu3	See OpenSourceUbuntu table
libpsl5	0.21.0-1ubuntu1	See OpenSourceUbuntu table
libcap2-bin	1:2.44-1ubuntu0.22.04.1	See OpenSourceUbuntu table
libpcre3	2:8.39-12ubuntu0.1	See OpenSourceUbuntu table
containerd	1.4.13~ds1-1~deb11u2	See OpenSourceUbuntu table
libmount1	2.37.2-4ubuntu3.4	See OpenSourceUbuntu table
iproute2	5.15.0-1ubuntu2	See OpenSourceUbuntu table
foghorn	0.1.0	Apache-2.0 or MIT
petgraph	0.6.4	Apache-2.0 or MIT
smallvec	1.13.2	Apache-2.0 or MIT
libffi7	3.3-4	See OpenSourceUbuntu table
hyper	0.14.28	Apache-2.0 or MIT
dotnet-sql-cache	2.1.1	Apache 2.0
publicsuffix	20211207.1025-1	See OpenSourceUbuntu table
aspnetcore-runtime-8.0	8.0.3-0ubuntu1~22.04.2	See OpenSourceUbuntu table
aspireces e rantime ele	0.0.0 0000.1101 22.0 1.2	ISC;BSD-3-
		Clause;Unlicense;Zlib;BSD-2-
		Clause;CC0-1.0;BSL-
sccache	0.4.2~3	1.0;Apache-2.0;MIT;0BSD
schannel	0.1.23	Apache-2.0 or MIT
util-linux	2.37.2-4ubuntu3.4	See OpenSourceUbuntu table
pico-args	0.5.0	Apache-2.0 or MIT
cURL		MIT
libpcre2-8-0	10.39-3ubuntu0.1	See OpenSourceUbuntu table
gcc-12-base	12.3.0-1ubuntu1~22.04	See OpenSourceUbuntu table
util-linux	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
futures-io	0.3.30	Apache-2.0 or MIT
libsasl2-2	2.1.27+dfsg-2ubuntu0.1	See OpenSourceUbuntu table
lalrpop-util	0.20.2	Apache-2.0 or MIT
async-object-pool	0.1.4	Apache-2.0 or MIT
libssl3	3.1.2-r0	Apache-2.0
rustix	0.38.32	Apache-2.0 or MIT
serde_json	1.0.116	Apache-2.0 or MIT
event-listener	4.0.3	Apache-2.0 or MIT
windows_x86_64_gnu	0.48.5	Apache-2.0 or MIT

num-traits	0.2.18	Apache-2.0 or MIT
addr2line	0.21.0	Apache-2.0 or MIT
Ubuntu	20.04.6 LTS (Focal Fossa)	GPL-2.0-only
libwind0-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
libgcrypt20	1.8.5-5ubuntu1.1	See OpenSourceUbuntu table
libsmartcols1	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
busybox	1.31.1-r20	GPL-2.0-only
wasm-bindgen-backend	0.2.92	Apache-2.0 or MIT
libhx509-5-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
async-global-executor	2.4.1	Apache-2.0 or MIT
mount	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
futures-core	0.3.30	Apache-2.0 or MIT
busybox	1.36.1-r2	GPL-2.0-only
Debian		GPL-2.0-only
libldap-common	2.5.17+dfsg-0ubuntu0.22.04.1	See OpenSourceUbuntu table
futures-util	0.3.30	Apache-2.0 or MIT
dpkg	1.21.1ubuntu2.3	See OpenSourceUbuntu table
parking_lot_core	0.9.9	Apache-2.0 or MIT
tracing	0.1.40	Apache-2.0 or MIT
debconf	1.5.73	See OpenSourceUbuntu table
cron	3.0pl1-137ubuntu3	See OpenSourceUbuntu table
tar	1.30+dfsg-7ubuntu0.20.04.4	See OpenSourceUbuntu table
rustversion	1.0.15	Apache-2.0 or MIT
libbrotli1	1.0.9-2build6	See OpenSourceUbuntu table
libjpeg8	8c-2ubuntu10	See OpenSourceUbuntu table
libtls-standalone	2.9.1-r1	ISC
lsb-base	11.1.0ubuntu2	See OpenSourceUbuntu table
syn	2.0.59	Apache-2.0 or MIT
libwps-0.4-4	0.4.12-2build1	See OpenSourceUbuntu table
isahc	1.7.2	Apache-2.0 or MIT
windows_i686_gnu	0.48.5	Apache-2.0 or MIT
libss2	1.46.5-2ubuntu1.1	See OpenSourceUbuntu table
async-channel	1.9.0	Apache-2.0 or MIT
debianutils	4.9.1	See OpenSourceUbuntu table
zlib1g	1:1.2.11.dfsg-2ubuntu1.5	See OpenSourceUbuntu table
lsblk	2.36.1-2	GPL-2.0-only
		LGPL-3.0-or-later;GPL-2.0-
glusterd2	5	only
libjbig0	2.1-3.1ubuntu0.22.04.1	See OpenSourceUbuntu table
precomputed-hash	0.1.1	Apache-2.0 or MIT
unicode-ident	1.0.12	Apache-2.0 or MIT
string_cache	0.8.7	Apache-2.0 or MIT
serde_yaml	0.9.34+deprecated	Apache-2.0 or MIT

flexi_logger	0.28.0	Apache-2.0 or MIT
dirs-sys-next	0.1.2	Apache-2.0 or MIT
libperl5.34	5.34.0-3ubuntu1.3	See OpenSourceUbuntu table
libpam-runtime	1.3.1-5ubuntu4.7	See OpenSourceUbuntu table
libselinux1	3.0-1build2	See OpenSourceUbuntu table
android-tzdata	0.1.1	Apache-2.0 or MIT
base-files	11ubuntu5.8	See OpenSourceUbuntu table
siphasher	0.3.11	Apache-2.0 or MIT
hermit-abi	0.3.9	Apache-2.0 or MIT
dpkg	1.21.1ubuntu2.2	See OpenSourceUbuntu table
indexmap	2.2.6	Apache-2.0 or MIT
python3-cryptography-		·
debuginfo	2.8	BSD-3-Clause;Apache-2.0
libtirpc3	1.3.2-2ubuntu0.1	See OpenSourceUbuntu table
crossbeam-channel	0.5.12	Apache-2.0 or MIT
unicode-xid	0.2.4	Apache-2.0 or MIT
libseccomp2	2.5.1-1ubuntu1~20.04.2	See OpenSourceUbuntu table
Boost		BSL-1.0
libgcc-s1	12.3.0-1ubuntu1~22.04	See OpenSourceUbuntu table
serde_regex	1.1.0	Apache-2.0 or MIT
ssl_client	1.31.1-r20	GPL-2.0-only
term	0.7.0	Apache-2.0 or MIT
systemd		LGPL-2.1
libkrb5-26-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
libldap-common	2.4.49+dfsg-2ubuntu1.10	See OpenSourceUbuntu table
regex	1.10.4	Apache-2.0 or MIT
rustc-demangle	0.1.23	Apache-2.0 or MIT
python3-uamqp-debuginfo	1.2.12	MIT
AngleSharp	1.0.4	MIT
libdebconfclient0	0.251ubuntu1	See OpenSourceUbuntu table
libsepol2	3.3-1build1	See OpenSourceUbuntu table
qpid-dispatch-console	1.5.0	Apache-2.0
metadeps	1.1.2	Apache-2.0 or MIT
walkdir	2.5.0	Apache-2.0 or MIT
liblzma5	5.2.4-1ubuntu1.1	See OpenSourceUbuntu table
liblz4-1	1.9.2-2ubuntu0.20.04.1	See OpenSourceUbuntu table
libkeyutils1	1.6.1-2ubuntu3	See OpenSourceUbuntu table
avro-c	1.8.1-1	Apache-2.0
concurrent-queue	2.4.0	Apache-2.0 or MIT
quote	1.0.36	Apache-2.0 or MIT
is-terminal	0.4.12	Apache-2.0 or MIT
libgssapi-krb5-2	1.17-6ubuntu4.4	See OpenSourceUbuntu table
windows_i686_gnullvm	0.52.5	Apache-2.0 or MIT

libc	0.2.153	Apache-2.0 or MIT
libhogweed6	3.7.3-1build2	See OpenSourceUbuntu table
crunchy	0.2.2	Apache-2.0 or MIT
libmount1	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
libstdc++6	12.3.0-1ubuntu1~22.04	See OpenSourceUbuntu table
backend.ai-agent	21.9.0.dev0	LGPL-3.0-only
windows-sys	0.52.0	Apache-2.0 or MIT
Bash	5.1.16	GPL-2.0-or-later
Asp. Versioning. Abstractions	8.1.0	MIT
windows-core	0.52.0	Apache-2.0 or MIT
Asp.Versioning.Http	8.1.0	MIT
libacl1	2.2.53-6	See OpenSourceUbuntu table
zmq-sys	0.11.0	Apache-2.0 or MIT
libssl1.1	1.1.1f-1ubuntu2.22	See OpenSourceUbuntu table
ncurses-bin	6.2-0ubuntu2.1	See OpenSourceUbuntu table
perl-base	5.34.0-3ubuntu1.3	See OpenSourceUbuntu table
OpenSSH		BSD-2-Clause
Bash	5.0.17	GPL-2.0-or-later
slab	0.4.9	Apache-2.0 or MIT
libkrb5support0	1.19.2-2ubuntu0.3	See OpenSourceUbuntu table
ncurses-base	6.2-0ubuntu2.1	See OpenSourceUbuntu table
libnginx-mod-http-image-filter	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
libc6-prof	2.31-0ubuntu9.16	See OpenSourceUbuntu table
libjq1	1.6-2.1ubuntu3	See OpenSourceUbuntu table
libsemanage1	3.0-1build2	See OpenSourceUbuntu table
ssl_client	1.36.1-r2	GPL-2.0-only
event-listener-strategy	0.5.1	Apache-2.0 or MIT
findutils	4.8.0-1ubuntu3	See OpenSourceUbuntu table
aho-corasick	1.1.3	Apache-2.0 or MIT
dotnet-hostfxr-8.0	8.0.3-0ubuntu1~22.04.2	See OpenSourceUbuntu table
libblkid1	2.37.2-4ubuntu3.4	See OpenSourceUbuntu table
libfreetype6	2.11.1+dfsg-1ubuntu0.2	See OpenSourceUbuntu table
mount	2.37.2-4ubuntu3	See OpenSourceUbuntu table
kubernetes-client	1.20.5+really1.20.2-1.1	See OpenSourceUbuntu table
wasm-bindgen-macro	0.2.92	Apache-2.0 or MIT
futures-sink	0.3.30	Apache-2.0 or MIT
async-executor	1.11.0	Apache-2.0 or MIT
libhogweed5	3.5.1+really3.5.1-2ubuntu0.2	See OpenSourceUbuntu table
libexpat1	2.4.7-1ubuntu0.3	See OpenSourceUbuntu table
libcap-ng0	0.7.9-2.2build3	See OpenSourceUbuntu table
libgcc-s1	10.5.0-1ubuntu1~20.04	See OpenSourceUbuntu table
libwebp7	1.2.2-2ubuntu0.22.04.2	See OpenSourceUbuntu table
libcrypt1	1:4.4.27-1	See OpenSourceUbuntu table

libmd0	1.0.4-1build1	See OpenSourceUbuntu table
bsdutils	1:2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
cfg-if	1.0.0	Apache-2.0 or MIT
libtinfo6	6.2-0ubuntu2.1	See OpenSourceUbuntu table
libnginx-mod-http-geoip	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
libaudit-common	1:3.0.7-1build1	See OpenSourceUbuntu table
tinyvec_macros	0.1.1	Apache-2.0 or MIT
init-system-helpers	1.57	See OpenSourceUbuntu table
autocfg	1.2.0	Apache-2.0 or MIT
foghornconfig	0.1.0	Apache-2.0 or MIT
libbsd0	0.11.5-1	See OpenSourceUbuntu table
ncurses		MIT
procps	2:3.3.16-1ubuntu2.4	See OpenSourceUbuntu table
nanopb	0.4.1	Zlib
base-passwd	3.5.47	See OpenSourceUbuntu table
libbz2-1.0	1.0.8-2	See OpenSourceUbuntu table
openssl-probe	0.1.5	Apache-2.0 or MIT
coreutils	8.32-4.1ubuntu1.1	See OpenSourceUbuntu table
libpng16-16	1.6.37-3build5	See OpenSourceUbuntu table
fixedbitset	0.4.2	Apache-2.0 or MIT
windows_x86_64_msvc	0.52.5	Apache-2.0 or MIT
musl	1.2.4-r1	MIT
oping	1.9.0-1	LGPL-2.1-or-later
libidn2-0	2.2.0-2	See OpenSourceUbuntu table
pin-project	1.1.5	Apache-2.0 or MIT
levenshtein	1.0.5	Apache-2.0 or MIT
libssl-dev	3.0.2-0ubuntu1.15	See OpenSourceUbuntu table
libssl3	3.0.2-0ubuntu1.16	See OpenSourceUbuntu table
aardvark-dns	1.7.0	Apache-2.0
libnginx-mod-http-upstream-		
fair	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
Alpine Linux	3.18.3	GPL-2.0-only
libc-bin	2.35-0ubuntu3.6	See OpenSourceUbuntu table
mawk	1.3.4.20200120-2	See OpenSourceUbuntu table
Ubuntu	22.04.4 LTS (Jammy Jellyfish)	GPL-2.0-only
perl	5.34.0-3ubuntu1.3	See OpenSourceUbuntu table
ca-certificates	20230311ubuntu0.22.04.1	See OpenSourceUbuntu table
libaudit-common	1:2.8.5-2ubuntu6	See OpenSourceUbuntu table
core-foundation-sys	0.8.6	Apache-2.0 or MIT
zypper-docker	2.0.0	Apache-2.0
CsvHelper	32.0.3	Apache 2.0
libuuid1	2.37.2-4ubuntu3.4	See OpenSourceUbuntu table
libdeflate0	1.10-2	See OpenSourceUbuntu table

libss2	1.45.5-2ubuntu1.1	See OpenSourceUbuntu table
libdb5.3	5.3.28+dfsg1-0.8ubuntu3	See OpenSourceUbuntu table
Dapper	1.50.4	Apache 2.0
nu-ansi-term	0.49.0	Apache-2.0 or MIT
libdebconfclient0	0.261ubuntu1	See OpenSourceUbuntu table
		MIT;GPL-2.0-or-later;BSD-1-
musl-utils	1.1.24-r10	Clause
libpam0g	1.4.0-11ubuntu2.4	See OpenSourceUbuntu table
libssl3	3.0.2-0ubuntu1.14	See OpenSourceUbuntu table
async-trait	0.1.80	Apache-2.0 or MIT
libtasn1-6	4.16.0-2	See OpenSourceUbuntu table
musl	1.1.24-r10	MIT
libbpf0	1:0.5.0-1ubuntu22.04.1	See OpenSourceUbuntu table
libacl1	2.3.1-1	See OpenSourceUbuntu table
libmount1	2.37.2-4ubuntu3	See OpenSourceUbuntu table
login	1:4.8.1-1ubuntu5.20.04.5	See OpenSourceUbuntu table
libpam-modules-bin	1.3.1-5ubuntu4.7	See OpenSourceUbuntu table
libx11-data	2:1.7.5-1ubuntu0.3	See OpenSourceUbuntu tabl
devlink	6.3.0-1	GPL-2.0-only
wasm-bindgen-shared	0.2.92	Apache-2.0 or MIT
dotNetRdf	3.1.1	MIT
pkg-config	0.3.30	Apache-2.0 or MIT
dotNetRdf.Client	3.1.1	MIT
dotNetRdf.Core	3.1.1	MIT
procps	2:3.3.17-6ubuntu2.1	See OpenSourceUbuntu tabl
alpine-baselayout	3.2.0-r7	GPL-2.0-only
url	2.5.0	Apache-2.0 or MIT
bytes	1.6.0	Apache-2.0 or MIT
fdisk	2.34-0.1ubuntu9.6	See OpenSourceUbuntu tabl
dotNetRdf.Data.DataTables	3.1.1	MIT
kqueue-sys	1.0.4	Apache-2.0 or MIT
event-listener	2.5.3	Apache-2.0 or MIT
libc6	2.31-0ubuntu9.16	See OpenSourceUbuntu tabl
dotNetRdf.Dynamic	3.1.1	MIT
zmq	0.9.2	Apache-2.0 or MIT
dotNetRdf.Inferencing	3.1.1	MIT
dotNetRdf.Ontology	3.1.1	MIT
ATech.Ring.DotNet.Cli	3.1.1	Apache-2.0
base-passwd	3.5.52build1	See OpenSourceUbuntu tabl
dotNetRdf.Query.FullText	3.1.1	MIT
dotNetRdf.Query.Spin	3.1.1	MIT
bsdutils	1:2.37.2-4ubuntu3.4	See OpenSourceUbuntu tabl
dotNetRdf.Shacl	3.1.1	MIT

nada d2 tima farmat	2.1.3-7	San OpenSourcel Ibuntu table
node-d3-time-format dotNetRdf.Skos	3.1.1	See OpenSourceUbuntu table MIT
	3.1.1	
dotNetRdf.Writing.HtmlSchema		MIT
signal-hook-registry	1.4.1	Apache-2.0 or MIT
sysvinit-utils	3.01-1ubuntu1	See OpenSourceUbuntu table
libunistring2	0.9.10-2	See OpenSourceUbuntu table
adduser	3.118ubuntu2	See OpenSourceUbuntu table
futures	0.3.30	Apache-2.0 or MIT
libelf1	0.186-1build1	See OpenSourceUbuntu table
ena	0.14.2	Apache-2.0 or MIT
openssl	3.0.2-0ubuntu1.16	See OpenSourceUbuntu table
СС	1.0.94	Apache-2.0 or MIT
tiny-keccak	2.0.2	Apache-2.0 or MIT
redox_users	0.4.5	Apache-2.0 or MIT
assert-json-diff	2.0.2	Apache-2.0 or MIT
libssh-4	0.9.6-2ubuntu0.22.04.3	See OpenSourceUbuntu table
libsmartcols1	2.37.2-4ubuntu3	See OpenSourceUbuntu table
libpcre3	2:8.39-13ubuntu0.22.04.1	See OpenSourceUbuntu table
libnginx-mod-http-dav-ext	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
adduser	3.118ubuntu5	See OpenSourceUbuntu table
phf_shared	0.10.0	Apache-2.0 or MIT
docker	26.1.0-1	Apache-2.0
popt	1.19-r2	MIT
zlib	1.2.13	Zlib
ubuntu-keyring	2021.03.26	See OpenSourceUbuntu table
libp11-kit0	0.24.0-6build1	See OpenSourceUbuntu table
libldap-2.5-0	2.5.17+dfsg-0ubuntu0.22.04.1	See OpenSourceUbuntu table
gpgv	2.2.27-3ubuntu2.1	See OpenSourceUbuntu table
gettext	0.21-4ubuntu4	See OpenSourceUbuntu table
alpine-keys	2.4-r1	MIT
DiffEngineTray	6.8.3-beta.2	MIT
	3.3-1build2	
libsemanage-common libcurl4		See OpenSourceUbuntu table
	7.81.0-1ubuntu1.16	See OpenSourceUbuntu table
libhcrypto4-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
rustix	0.37.27	Apache-2.0 or MIT
tokio-util	0.7.10	Apache-2.0 or MIT
libkrb5support0	1.17-6ubuntu4.4	See OpenSourceUbuntu table
rand	0.8.5	Apache-2.0 or MIT
libcrypto1.1	1.1.1k-r0	OpenSSL
logrotate	3.21.0-r1	GPL-2.0-or-later
libffi8	3.4.2-4	See OpenSourceUbuntu table
crossbeam-utils	0.8.19	Apache-2.0 or MIT
futures-lite	2.3.0	Apache-2.0 or MIT

containerd	1.3.3-0ubuntu2	See OpenSourceUbuntu table
glob	7.2.3	Apache 2.0
tokio	1.37.0	Apache-2.0 or MIT
regex-syntax	0.8.3	Apache-2.0 or MIT
socket2	0.4.10	Apache-2.0 or MIT
mount	2.37.2-4ubuntu3.4	See OpenSourceUbuntu table
grep	3.7-1build1	See OpenSourceUbuntu table
libasn1-8-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
ppv-lite86	0.2.17	Apache-2.0 or MIT
expat	2.2.9-r1	MIT
Ubuntu	22.04	GPL-2.0-only
libgnutls30	3.7.3-4ubuntu1.5	See OpenSourceUbuntu table
libgmp10	2:6.2.1+dfsg-3ubuntu1	See OpenSourceUbuntu table
libdb	11.2.5	BSD-2-Clause
zlib	1.2.11-r3	Zlib
same-file	1.0.6	Apache-2.0 or MIT
itertools	0.11.0	Apache-2.0 or MIT
libncursesw6	6.3-2ubuntu0.1	See OpenSourceUbuntu table
libpam-modules	1.4.0-11ubuntu2.4	See OpenSourceUbuntu table
libc-bin	2.35-0ubuntu3.8	See OpenSourceUbuntu table
libapt-pkg6.0	2.4.11	See OpenSourceUbuntu table
bit-vec	0.6.3	Apache-2.0 or MIT
libncurses6	6.3-2ubuntu0.1	See OpenSourceUbuntu table
jq	1.6-2.1ubuntu3	See OpenSourceUbuntu table
busybox-binsh	1.36.1-r2	GPL-2.0-only
alpine-baselayout-data	3.4.3-r1	GPL-2.0-only
OpenSSL	1.1.1k	Apache-2.0;OpenSSL
windows_x86_64_gnullvm	0.48.5	Apache-2.0 or MIT
hashbrown	0.14.3	Apache-2.0 or MIT
castaway	0.1.2	Apache-2.0 or MIT
libsqlite3-0	3.31.1-4ubuntu0.6	See OpenSourceUbuntu table
winapi-x86_64-pc-windows-gnu	0.4.0	Apache-2.0 or MIT
libgnutls30	3.6.13-2ubuntu1.11	See OpenSourceUbuntu table
fsevent-sys	4.1.0	Apache-2.0 or MIT
HtmlAgilityPack	1.11.53	MIT
libc-utils	0.7.2-r5	BSD-3-Clause;BSD-2-Clause
libredox	0.1.3	Apache-2.0 or MIT
equivalent	1.0.1	Apache-2.0 or MIT
nginx-extras	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
pin-project-lite	0.2.14	Apache-2.0 or MIT
getrandom	0.2.14	Apache-2.0 or MIT
libonig5	6.9.7.1-2build1	See OpenSourceUbuntu table
serde_derive	1.0.197	Apache-2.0 or MIT

shadow-faillog	4.2.1-8	BSD-3-Clause
libnsl2	1.3.0-2build2	See OpenSourceUbuntu table
curl	7.81.0-1ubuntu1.16	See OpenSourceUbuntu table
ca-certificates-bundle	20191127-r4	MPL-2.0;GPL-2.0-or-later
proc-macro2	1.0.80	Apache-2.0 or MIT
glob	0.3.1	Apache-2.0 or MIT
idna	0.5.0	Apache-2.0 or MIT
mio	0.8.11	Apache-2.0 or MIT
http-body	0.4.6	Apache-2.0 or MIT
gzip	1.10-0ubuntu4.1	See OpenSourceUbuntu table
libsepol1	3.0-1ubuntu0.1	See OpenSourceUbuntu table
sensible-utils	0.0.17	See OpenSourceUbuntu table
scanelf	1.2.6-r0	GPL-2.0-only
base64	0.21.7	Apache-2.0 or MIT
polling	3.6.0	Apache-2.0 or MIT
gzip	1.10-4ubuntu4.1	See OpenSourceUbuntu table
libsemanage-common	3.0-1build2	See OpenSourceUbuntu table
		GPL-2.0-or-later;BSD-2-
musl-utils	1.2.4-r1	Clause;MIT
OpenLDAP		OLDAP-2.8
tokio-macros	2.2.0	Apache-2.0 or MIT
scanelf	1.3.7-r1	GPL-2.0-only
windows_i686_msvc	0.48.5	Apache-2.0 or MIT
windows_x86_64_gnullvm	0.52.5	Apache-2.0 or MIT
libnghttp2-14	1.43.0-1ubuntu0.2	See OpenSourceUbuntu table
		GPL-2.0-or-later;LGPL-2.1-or-
libacl	2.3.1-r3	later
	0.5.11+git20210903+057cd65	
dash	0a4ed-3build1	See OpenSourceUbuntu table
libnginx-mod-mail	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
waker-fn	1.1.1	Apache-2.0 or MIT
libkeyutils1	1.6-6ubuntu1.1	See OpenSourceUbuntu table
wasm-bindgen-macro-support	0.2.92	Apache-2.0 or MIT
libssl1.1	1.1.1k-r0	OpenSSL
libxslt1.1	1.1.34-4ubuntu0.22.04.1	See OpenSourceUbuntu table
libc-utils	0.7.2-r3	BSD-3-Clause;BSD-2-Clause
libnginx-mod-http-fancyindex	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
diffutils	1:3.7-3	See OpenSourceUbuntu table
once_cell	1.19.0	Apache-2.0 or MIT
libgpg-error0	1.43-3	See OpenSourceUbuntu table
ascii-canvas	3.0.0	Apache-2.0 or MIT
libfaifa-dev	0.2~svn82-3.1+b1	See OpenSourceUbuntu table
hostname	3.23ubuntu2	See OpenSourceUbuntu table

libnl-tiny	0.1-5	LGPL-2.1-only
passwd	1:4.8.1-1ubuntu5.20.04.5	See OpenSourceUbuntu table
bzip2	1.0.8-2	See OpenSourceUbuntu table
Ubuntu	20.04	GPL-2.0-only
bsdutils	1:2.37.2-4ubuntu3	See OpenSourceUbuntu table
sluice	0.5.5	Apache-2.0 or MIT
openssl-sys	0.9.102	Apache-2.0 or MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 or MIT
libnginx-mod-http-echo	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
Azure IOT SDK C		MIT
OpenSSL	3.0.9	Apache-2.0;OpenSSL
curl-sys	0.4.72+curl-8.6.0	Apache-2.0 or MIT
windows_aarch64_gnullvm	0.52.5	Apache-2.0 or MIT
libc6	2.35-0ubuntu3.6	See OpenSourceUbuntu table
libselinux1	3.3-1build2	See OpenSourceUbuntu table
instant	0.1.12	Apache-2.0 or MIT
libsasl2-2	2.1.27+dfsg2-3ubuntu1.2	See OpenSourceUbuntu table
libtasn1-6	4.18.0-4build1	See OpenSourceUbuntu table
libstdc++6	10.5.0-1ubuntu1~20.04	See OpenSourceUbuntu table
openssl	3.0.2-0ubuntu1.15	See OpenSourceUbuntu table
libpam0g	1.3.1-5ubuntu4.7	See OpenSourceUbuntu table
findutils	4.7.0-1ubuntu1	See OpenSourceUbuntu table
logsave	1.45.5-2ubuntu1.1	See OpenSourceUbuntu table
gettext-base	0.21-4ubuntu4	See OpenSourceUbuntu table
libncursesw6	6.2-0ubuntu2.1	See OpenSourceUbuntu table
log4net	2.0.12	Apache 2.0
libbrotli1	1.0.7-6ubuntu0.1	See OpenSourceUbuntu table
unsafe-libyaml	0.2.11	Apache-2.0 or MIT
Lucene.Net	4.8.0-beta00016	Apache 2.0
coreutils	8.30-3ubuntu2	See OpenSourceUbuntu table
Lucene.Net.Analysis.Common	4.8.0-beta00016	Apache 2.0
Lucene.Net.Queries	4.8.0-beta00016	Apache 2.0
libzstd1	1.4.8+dfsg-3build1	See OpenSourceUbuntu table
libgomp1	12.3.0-1ubuntu1~22.04	See OpenSourceUbuntu table
libsystemd0	245.4-4ubuntu3.23	See OpenSourceUbuntu table
Lucene.Net.QueryParser	4.8.0-beta00016	Apache 2.0
base-files	12ubuntu4.5	See OpenSourceUbuntu table
socat	1.7.4.1-3ubuntu4	See OpenSourceUbuntu table
Lucene.Net.Sandbox	4.8.0-beta00016	Apache 2.0
libnginx-mod-stream-geoip2	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
chrono	0.4.38	Apache-2.0 or MIT
Manatee.Json	14.1.1-alpha	MIT
libsasl2-modules	2.1.27+dfsg2-3ubuntu1.2	See OpenSourceUbuntu table

bash	5.0-6ubuntu1.2	See OpenSourceUbuntu table
libz-sys	1.1.16	Apache-2.0 or MIT
libnginx-mod-stream	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
libnginx-mod-nchan	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
libmaxminddb0	1.5.2-1build2	See OpenSourceUbuntu table
similar	2.5.0	Apache-2.0 or MIT
libmnl0	1.0.4-3build2	See OpenSourceUbuntu table
error-chain	0.10.0	Apache-2.0 or MIT
MiniProfiler.AspNetCore	4.3.8	MIT
httpmock	0.6.8	Apache-2.0 or MIT
uamqp	1.0.3	MIT
Alpine Linux	3.12.7	GPL-2.0-only
MiniProfiler.AspNetCore.Mvc	4.3.8	MIT
lsblk	2.39-2	GPL-2.0-only
MiniProfiler.Shared	4.3.8	MIT
liblzma5	5.2.5-2ubuntu1	See OpenSourceUbuntu table
form urlencoded	1.2.1	Apache-2.0 or MIT
bitflags	2.5.0	Apache-2.0 or MIT
	5:26.0.0-	
docker-ce-cli	1~ubuntu.22.04~jammy	See OpenSourceUbuntu table
libnghttp2-14	1.40.0-1ubuntu0.3	See OpenSourceUbuntu table
async-io	2.3.2	Apache-2.0 or MIT
libcrypt1	1:4.4.10-10ubuntu4	See OpenSourceUbuntu table
dockerd	25.0.3-1	Apache-2.0
errno	0.3.8	Apache-2.0 or MIT
libgdbm-compat4	1.23-1	See OpenSourceUbuntu table
filetime	0.2.23	Apache-2.0 or MIT
libprocps8	2:3.3.17-6ubuntu2.1	See OpenSourceUbuntu table
windows_x86_64_gnu	0.52.5	Apache-2.0 or MIT
libcap2	1:2.44-1ubuntu0.22.04.1	See OpenSourceUbuntu table
libzstd1	1.4.4+dfsg-3ubuntu0.1	See OpenSourceUbuntu table
libattr1	1:2.5.1-1build1	See OpenSourceUbuntu table
ca-certificates-mozilla-prebuilt	2.6	MPL-2.0
pin-utils	0.1.0	Apache-2.0 or MIT
notify-debouncer-mini	0.4.1	Apache-2.0 or MIT
libsasl2-modules-db	2.1.27+dfsg-2ubuntu0.1	See OpenSourceUbuntu table
util-linux	2.34	GPL-2.0-only
Newtonsoft.Json	13.0.3	MIT
Newtonsoft.Json.Bson	1.0.1	MIT
libgssapi3-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
libblkid1	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
libnghttp2-14	1.43.0-1ubuntu0.1	See OpenSourceUbuntu table
login	1:4.8.1-2ubuntu2.2	See OpenSourceUbuntu table

passwd	1:4.8.1-2ubuntu2.2	See OpenSourceUbuntu table
inotify	0.9.6	Apache-2.0 or MIT
bash	5.1-6ubuntu1	See OpenSourceUbuntu table
ucf	3.0043	See OpenSourceUbuntu table
Ubuntu		GPL-2.0-only
libxgboost0	2.0.3-1	See OpenSourceUbuntu table
kubernetes-node	1.9.3	Apache-2.0
itoa	1.0.11	Apache-2.0 or MIT
libgssapi-krb5-2	1.19.2-2ubuntu0.3	See OpenSourceUbuntu table
event-listener	5.3.0	Apache-2.0 or MIT
libnghttp2-sys	0.1.10+1.61.0	Apache-2.0 or MIT
diffutils	1:3.8-0ubuntu2	See OpenSourceUbuntu table
libk5crypto3	1.17-6ubuntu4.4	See OpenSourceUbuntu table
winapi	0.3.9	Apache-2.0 or MIT
want	0.3.1	Apache-2.0 or MIT
libtirpc-common	1.3.2-2ubuntu0.1	See OpenSourceUbuntu table
libfdisk1	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
Polly	8.4.0	BSD-3-Clause
libpam-modules	1.3.1-5ubuntu4.7	See OpenSourceUbuntu table
Polly.Core	8.4.0	BSD-3-Clause
usrmerge	25ubuntu2	See OpenSourceUbuntu table
init-system-helpers	1.62	See OpenSourceUbuntu table
libnginx-mod-http-auth-pam	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
libgmp10	2:6.2.0+dfsg-4ubuntu0.1	See OpenSourceUbuntu table
libudev1	249.11-0ubuntu3.12	See OpenSourceUbuntu table
async-task	4.7.0	Apache-2.0 or MIT
perl-modules-5.34	5.34.0-3ubuntu1.3	See OpenSourceUbuntu table
memchr	2.7.2	Apache-2.0 or MIT
grep	3.4-1	See OpenSourceUbuntu table
libnginx-mod-http-perl	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
kv-log-macro	1.0.7	Apache-2.0 or MIT
async-channel	2.2.1	Apache-2.0 or MIT
libseccomp2	2.5.3-2ubuntu2	See OpenSourceUbuntu table
libxml2	2.9.13+dfsg-1ubuntu0.4	See OpenSourceUbuntu table
parking	2.2.0	Apache-2.0 or MIT
libext2fs2	1.46.5-2ubuntu1.1	See OpenSourceUbuntu table
multus	3.6	Apache-2.0
yubico-c-client-static	2.15-r0	BSD-2-Clause
stargz-snapshotter	0.12.0-2+b8	See OpenSourceUbuntu table
rand_core	0.6.4	Apache-2.0 or MIT
debianutils	5.5-1ubuntu2	See OpenSourceUbuntu table
libroken18-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
sysvinit-utils	2.96-2.1ubuntu1	See OpenSourceUbuntu table

libxau6	1:1.0.9-1build5	See OpenSourceUbuntu tab
gpgv	2.2.19-3ubuntu2.2	See OpenSourceUbuntu tab
libnginx-mod-http-headers-		
more-filter	1.18.0-6ubuntu14.4	See OpenSourceUbuntu tab
sudo	1.9.9-1ubuntu2.4	See OpenSourceUbuntu tab
miniz_oxide	0.7.2	Apache-2.0 or MIT
libnettle7	3.5.1+really3.5.1-2ubuntu0.2	See OpenSourceUbuntu tab
libxpm4	1:3.5.12-1ubuntu0.22.04.2	See OpenSourceUbuntu tab
value-bag	1.8.1	Apache-2.0 or MIT
libp11-kit0	0.23.20-1ubuntu0.1	See OpenSourceUbuntu tab
futures-channel	0.3.30	Apache-2.0 or MIT
winapi-i686-pc-windows-gnu	0.4.0	Apache-2.0 or MIT
event-listener-strategy	0.4.0	Apache-2.0 or MIT
libpcre2-8-0	10.34-7ubuntu0.1	See OpenSourceUbuntu tab
aws-iam-authenticator	0.5.3	Apache-2.0
libtiff5	4.3.0-6ubuntu0.9	See OpenSourceUbuntu tab
adler	1.0.2	Apache-2.0 or MIT
libgeoip1	1.6.12-8	See OpenSourceUbuntu tab
bitflags	1.3.2	Apache-2.0 or MIT
libkrb5-3	1.17-6ubuntu4.4	See OpenSourceUbuntu tab
tinyvec	1.6.0	Apache-2.0 or MIT
libsemanage2	3.3-1build2	See OpenSourceUbuntu tab
try-lock	0.2.5	Apache-2.0 or MIT
libsasl2-modules-db	2.1.27+dfsg2-3ubuntu1.2	See OpenSourceUbuntu tab
blocking	1.5.1	Apache-2.0 or MIT
libcom-err2	1.46.5-2ubuntu1.1	See OpenSourceUbuntu tab
libidn2-0	2.3.2-2build1	See OpenSourceUbuntu tab
tracing-core	0.1.32	Apache-2.0 or MIT
futures-task	0.3.30	Apache-2.0 or MIT
libxtables12	1.8.7-1ubuntu5.2	See OpenSourceUbuntu tab
curl	7.68.0-1ubuntu2.22	See OpenSourceUbuntu tab
jansson4	2.13.1-2	MIT
coreutils	8.32-4.1ubuntu1.2	See OpenSourceUbuntu tab
mawk	1.3.4.20200120-3	See OpenSourceUbuntu tab
libudev1	245.4-4ubuntu3.23	See OpenSourceUbuntu tab
nginx-common	1.18.0-6ubuntu14.4	See OpenSourceUbuntu tab
basic-cookies	0.1.5	Apache-2.0 or MIT
libsmartcols1	2.37.2-4ubuntu3.4	See OpenSourceUbuntu tab
zlib	1.2.13-r1	Zlib
libfontconfig1	2.13.1-4.2ubuntu5	See OpenSourceUbuntu tab
apt	2.4.11	See OpenSourceUbuntu tab
bumpalo	3.16.0	Apache-2.0 or MIT
hostname	3.23	See OpenSourceUbuntu tab

js-sys	0.3.69	Apache-2.0 or MIT
apt	2.4.12	See OpenSourceUbuntu table
windows_aarch64_msvc	0.48.5	Apache-2.0 or MIT
logsave	1.46.5-2ubuntu1.1	See OpenSourceUbuntu table
lalrpop	0.20.2	Apache-2.0 or MIT
libgcrypt20	1.9.4-3ubuntu3	See OpenSourceUbuntu table
libpsl5	0.21.0-1.2build2	See OpenSourceUbuntu table
winapi-util	0.1.6	Apache-2.0 or MIT
backtrace	0.3.71	Apache-2.0 or MIT
dirs-next	2.0.0	Apache-2.0 or MIT
Serilog	3.1.1	Apache 2.0
Serilog.AspNetCore	8.0.1	Apache 2.0
curl	0.4.46	Apache-2.0 or MIT
Serilog.Extensions.Hosting	8.0.0	Apache 2.0
windows-targets	0.48.5	Apache-2.0 or MIT
libaudit1	1:3.0.7-1build1	See OpenSourceUbuntu table
tower-service	0.3.2	Apache-2.0 or MIT
Serilog.Extensions.Logging	8.0.0	Apache 2.0
encoding_rs	0.8.34	Apache-2.0 or MIT
perl-base	5.30.0-9ubuntu0.5	See OpenSourceUbuntu table
lsb-base	11.1.0ubuntu4	See OpenSourceUbuntu table
nginx	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
	2.25.0-	
docker-compose-plugin	1~ubuntu.22.04~jammy	See OpenSourceUbuntu table
Serilog.Formatting.Compact	2.0.0	Apache 2.0
scopeguard	1.2.0	Apache-2.0 or MIT
OpenSSL	1.1.1f	Apache-2.0;OpenSSL
web-sys	0.3.69	Apache-2.0 or MIT
Serilog.Settings.Configuration	8.0.0	Apache 2.0
run-parts	4.11.2-r0	GPL-2.0-or-later
Serilog.Sinks.Console	5.0.0	Apache 2.0
linux-raw-sys	0.3.8	Apache-2.0 or MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 or MIT
thiserror	1.0.58	Apache-2.0 or MIT
Serilog.Sinks.File	5.0.0	Apache 2.0
libheimntlm0-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
parking_lot	0.12.1	Apache-2.0 or MIT
libcrypto3	3.1.2-r0	Apache-2.0
tracing-attributes	0.1.27	Apache-2.0 or MIT
async-lock	2.8.0	Apache-2.0 or MIT
async-std	1.12.0	Apache-2.0 or MIT
libuuid1	2.37.2-4ubuntu3	See OpenSourceUbuntu table
windows_i686_gnu	0.52.5	Apache-2.0 or MIT

wpa-supplicant-basic	2020-06-08-5a8b3662-41	BSD-3-Clause
ncurses-base	6.3-2ubuntu0.1	See OpenSourceUbuntu table
Swashbuckle.AspNetCore	6.6.2	MIT
libjson-c5	0.15-2	MIT
gitlab-runner	16.0.2-1	MIT
Swashbuckle.AspNetCore.Swag		
ger	6.6.2	MIT
libheimbase1-heimdal	7.7.0+dfsg-1ubuntu1.4	See OpenSourceUbuntu table
fnv	1.0.7	Apache-2.0 or MIT
Swashbuckle.AspNetCore.Swag		
gerGen	6.6.2	MIT
tracing-futures	0.2.5	Apache-2.0 or MIT
Swashbuckle.AspNetCore.Swag		
gerUI	6.6.2	MIT
httparse	1.8.0	Apache-2.0 or MIT
libgd3	2.3.0-2ubuntu2	See OpenSourceUbuntu table
tinymembench	0.4+git20231218+ds-1	See OpenSourceUbuntu table
bpfcountd	2021-06-26-8b1aeb18-1	MIT
sed	4.7-1	See OpenSourceUbuntu table
Tmds.DBus	0.16.0	MIT
Microsoft.NETCore.App.Host.lin		
ux-x64	8.0.3	MIT
ca-certificates-bundle	20230506-r0	MIT;MPL-2.0
libncurses6	6.2-0ubuntu2.1	See OpenSourceUbuntu table
fontconfig-config	2.13.1-4.2ubuntu5	See OpenSourceUbuntu table
libldap-2.4-2	2.4.49+dfsg-2ubuntu1.10	See OpenSourceUbuntu table
sensible-utils	0.0.12+nmu1	See OpenSourceUbuntu table
windows_aarch64_msvc	0.52.5	Apache-2.0 or MIT
windows-targets	0.52.5	Apache-2.0 or MIT
debconf	1.5.79ubuntu1	See OpenSourceUbuntu table
	1.2+git20230610.1a80602-	,
libfastobj-dev	1+b1	See OpenSourceUbuntu table
libattr1	1:2.4.48-5	See OpenSourceUbuntu table
Microsoft.NETCore.App.Runtim		
e.linux-x64	8.0.3	MIT
libprotobuf-nanopb0	0.4.6	Zlib
ncurses	6.3.20211021	MIT
libnginx-mod-http-xslt-filter	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
gloo-timers	0.2.6	Apache-2.0 or MIT
lazy_static	1.4.0	Apache-2.0 or MIT
object	0.32.2	Apache-2.0 or MIT
libwrap0	7.6.q-31build2	See OpenSourceUbuntu table
	7.0.9 0 = 0 0 0.=	
libpam-modules-bin	1.4.0-11ubuntu2.4	See OpenSourceUbuntu table

zeromq-src	0.1.10+4.3.2	Apache-2.0 or MIT
redox_syscall	0.4.1	Apache-2.0 or MIT
libgpg-error0	1.37-1	See OpenSourceUbuntu table
wasm-bindgen	0.2.92	Apache-2.0 or MIT
libext2fs2	1.45.5-2ubuntu1.1	See OpenSourceUbuntu table
libapt-pkg6.0	2.4.12	See OpenSourceUbuntu table
libjemalloc2	5.2.1-4ubuntu1	See OpenSourceUbuntu table
windows_x86_64_msvc	0.48.5	Apache-2.0 or MIT
base-files	12ubuntu4.6	See OpenSourceUbuntu table
lua5.1-rapidjson	0.7.1-r0	MIT
VDS.Common	2.0.0	MIT
libicu70	70.1-2	See OpenSourceUbuntu table
libdb5.3	5.3.28+dfsg1-0.6ubuntu2	See OpenSourceUbuntu table
libpam-runtime	1.4.0-11ubuntu2.4	See OpenSourceUbuntu table
futures-macro	0.3.30	Apache-2.0 or MIT
fastrand	2.0.2	Apache-2.0 or MIT
libnginx-mod-stream-geoip	1.18.0-6ubuntu14.4	See OpenSourceUbuntu table
azure-iothub-device-client	1.3.2	MIT
libjpeg-turbo8	2.1.2-0ubuntu1	See OpenSourceUbuntu table
libuuid1	2.34-0.1ubuntu9.6	See OpenSourceUbuntu table
e2fsprogs	1.46.5-2ubuntu1.1	See OpenSourceUbuntu table
libssh-4	0.9.3-2ubuntu2.5	See OpenSourceUbuntu table
Ubuntu	22.04.3 LTS (Jammy Jellyfish)	GPL-2.0-only

### NGE BAS\_NGECLI\_license

Component Name	Version	License
adler	1.0.2	0BSD OR Apache-2.0 OR MIT
android-tzdata	0.1.1	Apache-2.0 OR MIT
android_system_properties	0.1.5	Apache-2.0 OR MIT
anes	0.2.0	Apache-2.0 OR MIT
anstream	0.6.13	Apache-2.0 OR MIT
anstyle	1.0.6	Apache-2.0 OR MIT
anstyle-parse	0.2.3	Apache-2.0 OR MIT
anstyle-query	1.0.2	Apache-2.0 OR MIT
anstyle-wincon	3.0.2	Apache-2.0 OR MIT
anyhow	1.0.81	Apache-2.0 OR MIT
autocfg	1.1.0	Apache-2.0 OR MIT
base64	0.21.7	Apache-2.0 OR MIT
bitflags	2.4.2	Apache-2.0 OR MIT
bumpalo	3.15.4	Apache-2.0 OR MIT
сс	1.0.90	Apache-2.0 OR MIT

cfg-if	1.0.0	Apache-2.0 OR MIT
chrono	0.4.35	Apache-2.0 OR MIT
clap	4.5.2	Apache-2.0 OR MIT
clap_builder	4.5.2	Apache-2.0 OR MIT
clap derive	4.5.0	Apache-2.0 OR MIT
clap_lex	0.7.0	Apache-2.0 OR MIT
colorchoice	1.0.0	Apache-2.0 OR MIT
console	0.15.8	MIT
core-foundation-sys	0.8.6	Apache-2.0 OR MIT
crc32fast	1.4.0	Apache-2.0 OR MIT
dbus	0.9.7	Apache-2.0 OR MIT
derive_more	0.99.17	MIT
encode unicode	0.3.6	Apache-2.0 OR MIT
errno	0.3.8	Apache-2.0 OR MIT
flate2	1.0.28	Apache-2.0 OR MIT
form_urlencoded	1.2.1	Apache-2.0 OR MIT
getrandom	0.2.12	Apache-2.0 OR MIT
heck	0.4.1	Apache-2.0 OR MIT
humantime	2.1.0	Apache-2.0 OR MIT
iana-time-zone	0.1.60	Apache-2.0 OR MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 OR MIT
idna	0.5.0	Apache-2.0 OR MIT
indicatif	0.17.8	MIT
instant	0.1.12	BSD-3-Clause
itoa	1.0.10	Apache-2.0 OR MIT
js-sys	0.3.69	Apache-2.0 OR MIT
lazy_static	1.4.0	Apache-2.0 OR MIT
libc	0.2.153	Apache-2.0 OR MIT
libdbus-sys	0.2.5	Apache-2.0 OR MIT
-		Apache-2.0 OR Apache-2.0 WITH
linux-raw-sys	0.4.13	LLVM-exception OR MIT
log	0.4.21	Apache-2.0 OR MIT
miniz_oxide	0.7.2	Apache-2.0 OR MIT OR Zlib
num-traits	0.2.18	Apache-2.0 OR MIT
number_prefix	0.4.0	MIT
once_cell	1.19.0	Apache-2.0 OR MIT
percent-encoding	2.3.1	Apache-2.0 OR MIT
pkg-config	0.3.30	Apache-2.0 OR MIT
portable-atomic	1.6.0	Apache-2.0 OR MIT
ppv-lite86	0.2.17	Apache-2.0 OR MIT
proc-macro2	1.0.79	Apache-2.0 OR MIT
quote	1.0.35	Apache-2.0 OR MIT
rand	0.8.5	Apache-2.0 OR MIT

rand chacha	0.3.1	Apache-2.0 OR MIT
rand_core	0.6.4	Apache-2.0 OR MIT
ring	0.17.8	MIT
rpassword	7.3.1	Apache-2.0
rtoolbox	0.0.2	Apache-2.0
T LOGING X	0.0.2	Apache-2.0 OR Apache-2.0 WITH
rustix	0.38.31	LLVM-exception OR MIT
rustls	0.22.4	Apache-2.0 OR ISC OR MIT
rustls-pki-types	1.3.1	Apache-2.0 OR MIT
rustls-webpki	0.102.2	ISC
ryu	1.0.17	Apache-2.0 OR BSL-1.0
serde	1.0.197	Apache-2.0 OR MIT
serde_derive	1.0.197	Apache-2.0 OR MIT
serde_json	1.0.114	Apache-2.0 OR MIT
serde_repr	0.1.18	Apache-2.0 OR MIT
spin	0.9.8	MIT
strsim	0.11.0	MIT
subtle	2.5.0	BSD-3-Clause
syn	1.0.109	Apache-2.0 OR MIT
syn	2.0.52	Apache-2.0 OR MIT
terminal size	0.3.0	Apache-2.0 OR MIT
tinyvec	1.6.0	Apache-2.0 OR MIT OR Zlib
tinyvec_macros	0.1.1	Apache-2.0 OR MIT OR Zlib
unicase	2.7.0	Apache-2.0 OR MIT
unicode-bidi	0.3.15	Apache-2.0 OR MIT
		(MIT OR Apache-2.0) AND Unicode-
unicode-ident	1.0.12	DFS-2016
unicode-normalization	0.1.23	Apache-2.0 OR MIT
unicode-width	0.1.11	Apache-2.0 OR MIT
untrusted	0.9.0	ISC
ureq	2.9.6	Apache-2.0 OR MIT
url	2.5.0	Apache-2.0 OR MIT
utf8parse	0.2.1	Apache-2.0 OR MIT
version_check	0.9.4	Apache-2.0 OR MIT
	0.11.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
wasm-bindgen	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-backend	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro-support	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-shared	0.2.92	Apache-2.0 OR MIT
webpki-roots	0.26.1	MPL-2.0
winapi	0.3.9	Apache-2.0 OR MIT

winapi-i686-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
winapi-x86_64-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
windows-core	0.52.0	Apache-2.0 OR MIT
windows-sys	0.48.0	Apache-2.0 OR MIT
windows-sys	0.52.0	Apache-2.0 OR MIT
windows-targets	0.48.5	Apache-2.0 OR MIT
windows-targets	0.52.4	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_aarch64_msvc	0.48.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.52.4	Apache-2.0 OR MIT
windows_i686_gnu	0.48.5	Apache-2.0 OR MIT
windows_i686_gnu	0.52.4	Apache-2.0 OR MIT
windows_i686_msvc	0.48.5	Apache-2.0 OR MIT
windows_i686_msvc	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnu	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_x86_64_msvc	0.48.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.52.4	Apache-2.0 OR MIT
zeroize	1.7.0	Apache-2.0 OR MIT

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Component Name	Version	License
addr2line	0.21.0	Apache-2.0 OR MIT
adler	1.0.2	OBSD OR Apache-2.0 OR MIT
aho-corasick	1.1.3	MIT OR Unlicense
android-tzdata	0.1.1	Apache-2.0 OR MIT
android_system_properties	0.1.5	Apache-2.0 OR MIT
anstyle	1.0.6	Apache-2.0 OR MIT
anyhow	1.0.81	Apache-2.0 OR MIT
assert-json-diff	1.1.0	MIT
async-trait	0.1.79	Apache-2.0 OR MIT
autocfg	1.2.0	Apache-2.0 OR MIT
axum	0.7.5	MIT
axum-core	0.4.3	MIT
backtrace	0.3.71	Apache-2.0 OR MIT
base64	0.21.7	Apache-2.0 OR MIT
base64	0.22.0	Apache-2.0 OR MIT
bitflags	1.3.2	Apache-2.0 OR MIT

bitflags	2.5.0	Apache-2.0 OR MIT
bumpalo	3.16.0	Apache-2.0 OR MIT
bytes	1.6.0	MIT
CC	1.0.92	Apache-2.0 OR MIT
cfg-if	1.0.0	Apache-2.0 OR MIT
chrono	0.4.38	Apache-2.0 OR MIT
clap	4.5.4	Apache-2.0 OR MIT
clap clap_builder	4.5.2	Apache-2.0 OR MIT
clap_duildei	4.5.4	Apache-2.0 OR MIT
· <del>-</del>	0.7.0	Apache-2.0 OR MIT
clap_lex cmake		•
	0.1.50	Apache-2.0 OR MIT
colored	1.9.4	MPL-2.0
core-foundation	0.9.4	Apache-2.0 OR MIT
core-foundation-sys	0.8.6	Apache-2.0 OR MIT
crc32fast	1.4.0	Apache-2.0 OR MIT
crossbeam-channel	0.5.12	Apache-2.0 OR MIT
crossbeam-utils	0.8.19	Apache-2.0 OR MIT
darling	0.20.8	MIT
darling_core	0.20.8	MIT
darling_macro	0.20.8	MIT
dbus	0.9.7	Apache-2.0 OR MIT
deranged	0.3.11	Apache-2.0 OR MIT
difference	2.0.0	MIT
dtoa	0.4.8	Apache-2.0 OR MIT
		(Apache-2.0 OR MIT) AND BSD-3-
encoding_rs	0.8.34	Clause
equivalent	1.0.1	Apache-2.0 OR MIT
errno	0.3.9	Apache-2.0 OR MIT
error-chain	0.10.0	Apache-2.0 OR MIT
eventsource-stream	0.2.3	Apache-2.0 OR MIT
extend	0.1.2	MIT
fastrand	2.1.0	Apache-2.0 OR MIT
filetime	0.2.23	Apache-2.0 OR MIT
flate2	1.0.28	Apache-2.0 OR MIT
flexi_logger	0.25.6	Apache-2.0 OR MIT
fnv	1.0.7	Apache-2.0 OR MIT
foreign-types	0.3.2	Apache-2.0 OR MIT
foreign-types-shared	0.1.1	Apache-2.0 OR MIT
form_urlencoded	1.2.1	Apache-2.0 OR MIT
fsevent-sys	4.1.0	MIT
futures	0.3.30	Apache-2.0 OR MIT
futures-channel	0.3.30	Apache-2.0 OR MIT
futures-core	0.3.30	Apache-2.0 OR MIT

futures-executor	0.3.30	Apache-2.0 OR MIT
futures-io	0.3.30	Apache-2.0 OR MIT
futures-macro	0.3.30	Apache-2.0 OR MIT
futures-sink	0.3.30	Apache-2.0 OR MIT
futures-task	0.3.30	Apache-2.0 OR MIT
futures-timer	3.0.3	Apache-2.0 OR MIT
futures-util	0.3.30	Apache-2.0 OR MIT
getrandom	0.1.16	Apache-2.0 OR MIT
getrandom	0.2.14	Apache-2.0 OR MIT
gimli	0.28.1	Apache-2.0 OR MIT
glob	0.28.1	Apache-2.0 OR MIT
h2	0.3.26	MIT
h2		
	0.4.4	MIT
hashbrown	0.12.3	Apache-2.0 OR MIT
hashbrown	0.14.3	Apache-2.0 OR MIT
heck	0.5.0	Apache-2.0 OR MIT
hermit-abi	0.3.9	Apache-2.0 OR MIT
hex	0.4.3	Apache-2.0 OR MIT
http	0.2.12	Apache-2.0 OR MIT
http	1.1.0	Apache-2.0 OR MIT
http-body	0.4.6	MIT
http-body	1.0.0	MIT
http-body-util	0.1.1	MIT
httparse	1.8.0	Apache-2.0 OR MIT
httpdate	1.0.3	Apache-2.0 OR MIT
humantime	2.1.0	Apache-2.0 OR MIT
hyper	0.14.28	MIT
hyper	1.3.1	MIT
hyper-tls	0.6.0	Apache-2.0 OR MIT
hyper-util	0.1.3	MIT
iana-time-zone	0.1.60	Apache-2.0 OR MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 OR MIT
ident_case	1.0.1	Apache-2.0 OR MIT
idna	0.5.0	Apache-2.0 OR MIT
indexmap	1.9.3	Apache-2.0 OR MIT
indexmap	2.2.6	Apache-2.0 OR MIT
inotify	0.9.6	ISC
inotify-sys	0.1.5	ISC
ipnet	2.9.0	Apache-2.0 OR MIT
is-terminal	0.4.12	MIT
itoa	0.4.8	Apache-2.0 OR MIT
itoa	1.0.11	Apache-2.0 OR MIT
js-sys	0.3.69	Apache-2.0 OR MIT

kqueue	1.0.8	MIT
kqueue-sys	1.0.4	MIT
lazy_static	1.4.0	Apache-2.0 OR MIT
libc	0.2.153	Apache-2.0 OR MIT
libdbus-sys	0.2.5	Apache-2.0 OR MIT
		Apache-2.0 OR Apache-2.0 WITH
linux-raw-sys	0.4.13	LLVM-exception OR MIT
log	0.4.21	Apache-2.0 OR MIT
matchers	0.1.0	MIT
matchit	0.7.3	MIT AND BSD-3-Clause
memchr	2.7.2	MIT OR Unlicense
metadeps	1.1.2	Apache-2.0 OR MIT
mime	0.3.17	Apache-2.0 OR MIT
minimal-lexical	0.2.1	Apache-2.0 OR MIT
miniz_oxide	0.7.2	Apache-2.0 OR MIT OR Zlib
mio	0.8.11	MIT
mockito	0.28.0	MIT
native-tls	0.2.11	Apache-2.0 OR MIT
nom	7.1.3	MIT
notify	5.2.0	Artistic-2.0 OR CC0-1.0
notify-debouncer-mini	0.2.1	Artistic-2.0 OR CC0-1.0
nu-ansi-term	0.46.0	MIT
nu-ansi-term	0.49.0	MIT
num-conv	0.1.0	Apache-2.0 OR MIT
num-traits	0.2.18	Apache-2.0 OR MIT
object	0.32.2	Apache-2.0 OR MIT
once_cell	1.19.0	Apache-2.0 OR MIT
openssl	0.10.64	Apache-2.0
openssl-macros	0.1.1	Apache-2.0 OR MIT
openssl-probe	0.1.5	Apache-2.0 OR MIT
openssl-src	300.2.3+3.2.1	Apache-2.0 OR MIT
openssl-sys	0.9.102	MIT
overload	0.1.1	MIT
percent-encoding	2.3.1	Apache-2.0 OR MIT
pin-project	1.1.5	Apache-2.0 OR MIT
pin-project-internal	1.1.5	Apache-2.0 OR MIT
pin-project-lite	0.2.14	Apache-2.0 OR MIT
pin-utils	0.1.0	Apache-2.0 OR MIT
pkg-config	0.3.30	Apache-2.0 OR MIT
powerfmt	0.2.0	Apache-2.0 OR MIT
ppv-lite86	0.2.17	Apache-2.0 OR MIT
proc-macro-error	1.0.4	Apache-2.0 OR MIT
proc-macro-error-attr	1.0.4	Apache-2.0 OR MIT

	1.0=0	
proc-macro2	1.0.79	Apache-2.0 OR MIT
quote	1.0.35	Apache-2.0 OR MIT
rand	0.7.3	Apache-2.0 OR MIT
rand_chacha	0.2.2	Apache-2.0 OR MIT
rand_core	0.5.1	Apache-2.0 OR MIT
rand_hc	0.2.0	Apache-2.0 OR MIT
redox_syscall	0.4.1	MIT
regex	1.10.5	Apache-2.0 OR MIT
regex-automata	0.1.10	MIT OR Unlicense
regex-automata	0.4.6	Apache-2.0 OR MIT
regex-syntax	0.6.29	Apache-2.0 OR MIT
regex-syntax	0.8.3	Apache-2.0 OR MIT
reqwest	0.12.4	Apache-2.0 OR MIT
reqwest-eventsource	0.6.0	Apache-2.0 OR MIT
rustc-demangle	0.1.23	Apache-2.0 OR MIT
		Apache-2.0 OR Apache-2.0 WITH
rustix	0.38.34	LLVM-exception OR MIT
rustls-pemfile	2.1.2	Apache-2.0 OR ISC OR MIT
rustls-pki-types	1.7.0	Apache-2.0 OR MIT
rustversion	1.0.15	Apache-2.0 OR MIT
ryu	1.0.17	Apache-2.0 OR BSL-1.0
same-file	1.0.6	MIT OR Unlicense
schannel	0.1.23	MIT
security-framework	2.11.0	Apache-2.0 OR MIT
security-framework-sys	2.11.0	Apache-2.0 OR MIT
serde	1.0.197	Apache-2.0 OR MIT
serde_derive	1.0.197	Apache-2.0 OR MIT
serde_json	1.0.115	Apache-2.0 OR MIT
serde_path_to_error	0.1.16	Apache-2.0 OR MIT
serde_repr	0.1.19	Apache-2.0 OR MIT
serde_urlencoded	0.6.1	Apache-2.0 OR MIT
serde_urlencoded	0.7.1	Apache-2.0 OR MIT
serde_with	3.7.0	Apache-2.0 OR MIT
serde_with_macros	3.7.0	Apache-2.0 OR MIT
serde_yaml	0.9.34+deprecated	Apache-2.0 OR MIT
sharded-slab	0.1.7	MIT
signal-hook	0.3.17	Apache-2.0 OR MIT
signal-hook-registry	1.4.1	Apache-2.0 OR MIT
signal-hook-tokio	0.3.1	Apache-2.0 OR MIT
slab	0.4.9	MIT
smallvec	1.13.2	Apache-2.0 OR MIT
socket2	0.5.6	Apache-2.0 OR MIT
sqlite	0.34.0	Apache-2.0 OR MIT

sqlite3-src	0.6.0	Apache-2.0 OR MIT
sqlite3-sys	0.16.0	Apache-2.0 OR MIT
strsim	0.10.0	MIT
syn	1.0.109	Apache-2.0 OR MIT
syn	2.0.58	Apache-2.0 OR MIT
sync_wrapper	0.1.2	Apache-2.0
sync_wrapper	1.0.1	Apache-2.0
system-configuration	0.5.1	Apache-2.0 OR MIT
system-configuration-sys	0.5.0	Apache-2.0 OR MIT
tempfile	3.10.1	Apache-2.0 OR MIT
thiserror	1.0.58	Apache-2.0 OR MIT
thiserror-impl	1.0.58	Apache-2.0 OR MIT
thread_local	1.1.8	Apache-2.0 OR MIT
time	0.3.34	Apache-2.0 OR MIT
time-core	0.1.2	Apache-2.0 OR MIT
time-macros	0.2.17	Apache-2.0 OR MIT
tinyvec	1.6.0	Apache-2.0 OR MIT OR Zlib
tinyvec_macros	0.1.1	Apache-2.0 OR MIT OR Zlib
tokio	1.37.0	MIT
tokio-macros	2.2.0	MIT
tokio-native-tls	0.3.1	MIT
tokio-stream	0.1.15	MIT
tokio-util	0.7.10	MIT
toml	0.2.1	Apache-2.0 OR MIT
tower	0.4.13	MIT
tower-layer	0.3.2	MIT
tower-service	0.3.2	MIT
tracing	0.1.40	MIT
tracing-appender	0.2.3	MIT
tracing-attributes	0.1.27	MIT
tracing-core	0.1.32	MIT
tracing-log	0.2.0	MIT
tracing-subscriber	0.3.18	MIT
try-lock	0.2.5	MIT
typed-builder	0.18.2	Apache-2.0 OR MIT
typed-builder-macro	0.18.2	Apache-2.0 OR MIT
unicode-bidi	0.3.15	Apache-2.0 OR MIT
		(MIT OR Apache-2.0) AND Unicod
unicode-ident	1.0.12	DFS-2016
unicode-normalization	0.1.23	Apache-2.0 OR MIT
unsafe-libyaml	0.2.11	MIT
url	2.5.0	Apache-2.0 OR MIT
uuid	1.8.0	Apache-2.0 OR MIT

valuable	0.1.0	MIT
vcpkg	0.2.15	Apache-2.0 OR MIT
version_check	0.9.4	Apache-2.0 OR MIT
walkdir	2.5.0	MIT OR Unlicense
want	0.3.1	MIT
	0.9.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
	0.11.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
wasm-bindgen	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-backend	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-futures	0.4.42	Apache-2.0 OR MIT
wasm-bindgen-macro	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro-		
support	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-shared	0.2.92	Apache-2.0 OR MIT
wasm-streams	0.4.0	Apache-2.0 OR MIT
web-sys	0.3.69	Apache-2.0 OR MIT
winapi	0.3.9	Apache-2.0 OR MIT
winapi-i686-pc-windows-		
gnu	0.4.0	Apache-2.0 OR MIT
winapi-util	0.1.6	MIT OR Unlicense
winapi-x86_64-pc-windows-	0.4.0	Anacha 2.0 OR MIT
gnu windows-core		Apache 3.0 OR MIT
	0.52.0	Apache 2.0 OR MIT
windows-sys	0.45.0	Apache 2.0 OR MIT
windows-sys	0.48.0	Apache 2.0 OR MIT
windows-sys	0.52.0	Apache-2.0 OR MIT
windows-targets	0.42.2	Apache-2.0 OR MIT
windows-targets	0.48.5	Apache-2.0 OR MIT
windows-targets	0.52.4	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_aarch64_msvc	0.42.2	Apache-2.0 OR MIT
windows_aarch64_msvc	0.48.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.52.4	Apache-2.0 OR MIT
windows_i686_gnu	0.42.2	Apache-2.0 OR MIT
windows_i686_gnu	0.48.5	Apache-2.0 OR MIT
windows_i686_gnu	0.52.4	Apache-2.0 OR MIT
windows_i686_msvc	0.42.2	Apache-2.0 OR MIT
windows_i686_msvc	0.48.5	Apache-2.0 OR MIT
windows_i686_msvc	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnu	0.42.2	Apache-2.0 OR MIT

windows_x86_64_gnu	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_x86_64_msvc	0.42.2	Apache-2.0 OR MIT
windows_x86_64_msvc	0.48.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.52.4	Apache-2.0 OR MIT
winreg	0.52.0	MIT
zeromq-src	0.1.10+4.3.2	Apache-2.0 OR MIT
zmq	0.9.2	Apache-2.0 OR MIT
zmq-sys	0.11.0	Apache-2.0 OR MIT

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Component Name	Version	License
actix-codec	0.5.2	Apache-2.0 OR MIT
actix-http	3.6.0	Apache-2.0 OR MIT
actix-macros	0.2.4	Apache-2.0 OR MIT
actix-router	0.5.2	Apache-2.0 OR MIT
actix-rt	2.9.0	Apache-2.0 OR MIT
actix-server	2.3.0	Apache-2.0 OR MIT
actix-service	2.0.2	Apache-2.0 OR MIT
actix-utils	3.0.1	Apache-2.0 OR MIT
actix-web	4.5.1	Apache-2.0 OR MIT
actix-web-codegen	4.2.2	Apache-2.0 OR MIT
addr2line	0.21.0	Apache-2.0 OR MIT
adler	1.0.2	0BSD OR Apache-2.0 OR MIT
aes	0.8.4	Apache-2.0 OR MIT
ahash	0.8.11	Apache-2.0 OR MIT
aho-corasick	1.1.3	MIT OR Unlicense
android-tzdata	0.1.1	Apache-2.0 OR MIT
android_system_properties	0.1.5	Apache-2.0 OR MIT
anstyle	1.0.6	Apache-2.0 OR MIT
anyhow	1.0.81	Apache-2.0 OR MIT
assert-json-diff	2.0.2	MIT
async-trait	0.1.79	Apache-2.0 OR MIT
autocfg	1.2.0	Apache-2.0 OR MIT
backtrace	0.3.71	Apache-2.0 OR MIT
base64	0.21.7	Apache-2.0 OR MIT
base64ct	1.6.0	Apache-2.0 OR MIT
bitflags	1.3.2	Apache-2.0 OR MIT

bitflags	2.5.0	Apache-2.0 OR MIT
block-buffer	0.10.4	Apache-2.0 OR MIT
bumpalo	3.16.0	Apache-2.0 OR MIT
byteorder	1.5.0	MIT OR Unlicense
bytes	1.6.0	MIT
bytestring	1.3.1	Apache-2.0 OR MIT
bzip2	0.4.4	Apache-2.0 OR MIT
bzip2-sys	0.1.11+1.0.8	Apache-2.0 OR MIT
сс	1.0.92	Apache-2.0 OR MIT
cfg-if	1.0.0	Apache-2.0 OR MIT
cfg_aliases	0.1.1	MIT
chrono	0.4.37	Apache-2.0 OR MIT
cipher	0.4.4	Apache-2.0 OR MIT
clap	4.5.4	Apache-2.0 OR MIT
clap_builder	4.5.2	Apache-2.0 OR MIT
clap_derive	4.5.4	Apache-2.0 OR MIT
clap_lex	0.7.0	Apache-2.0 OR MIT
cmake	0.1.50	Apache-2.0 OR MIT
constant_time_eq	0.1.5	CC0-1.0
convert_case	0.4.0	MIT
core-foundation-sys	0.8.6	Apache-2.0 OR MIT
cpufeatures	0.2.12	Apache-2.0 OR MIT
crc32fast	1.4.0	Apache-2.0 OR MIT
crossbeam-channel	0.5.12	Apache-2.0 OR MIT
crossbeam-utils	0.8.19	Apache-2.0 OR MIT
crypto-common	0.1.6	Apache-2.0 OR MIT
dbus	0.9.7	Apache-2.0 OR MIT
dbus-tokio	0.7.6	Apache-2.0 OR MIT
deadpool	0.10.0	Apache-2.0 OR MIT
deadpool-runtime	0.1.3	Apache-2.0 OR MIT
deranged	0.3.11	Apache-2.0 OR MIT
derive_more	0.99.17	MIT
digest	0.10.7	Apache-2.0 OR MIT
		(Apache-2.0 OR MIT) AND BSD-3-
encoding_rs	0.8.33	Clause
equivalent	1.0.1	Apache-2.0 OR MIT
errno	0.3.8	Apache-2.0 OR MIT
error-chain	0.10.0	Apache-2.0 OR MIT
fastrand	2.0.2	Apache-2.0 OR MIT
filetime	0.2.23	Apache-2.0 OR MIT
flate2	1.0.28	Apache-2.0 OR MIT
flexi_logger	0.25.6	Apache-2.0 OR MIT
fnv	1.0.7	Apache-2.0 OR MIT

foreign-types	0.3.2	Apache-2.0 OR MIT
foreign-types-shared	0.1.1	Apache-2.0 OR MIT
form_urlencoded	1.2.1	Apache-2.0 OR MIT
fsevent-sys	4.1.0	MIT
futures	0.3.30	Apache-2.0 OR MIT
futures-channel	0.3.30	Apache-2.0 OR MIT
futures-core	0.3.30	Apache-2.0 OR MIT
futures-executor	0.3.30	Apache-2.0 OR MIT
futures-io	0.3.30	Apache-2.0 OR MIT
futures-macro	0.3.30	Apache-2.0 OR MIT
futures-sink	0.3.30	Apache-2.0 OR MIT
futures-task	0.3.30	Apache-2.0 OR MIT
futures-util	0.3.30	Apache-2.0 OR MIT
generic-array	0.14.7	MIT
getrandom	0.2.14	Apache-2.0 OR MIT
gimli	0.28.1	Apache-2.0 OR MIT
glob	0.3.1	Apache-2.0 OR MIT
h2	0.3.26	MIT
h2	0.4.4	MIT
hashbrown	0.14.3	Apache-2.0 OR MIT
heck	0.5.0	Apache-2.0 OR MIT
hermit-abi	0.3.9	Apache-2.0 OR MIT
hex	0.4.3	Apache-2.0 OR MIT
hmac	0.12.1	Apache-2.0 OR MIT
http	0.2.12	Apache-2.0 OR MIT
http	1.1.0	Apache-2.0 OR MIT
http-body	0.4.6	MIT
http-body	1.0.0	MIT
http-body-util	0.1.1	MIT
httparse	1.8.0	Apache-2.0 OR MIT
httpdate	1.0.3	Apache-2.0 OR MIT
hyper	0.14.28	MIT
hyper	1.2.0	MIT
hyper-util	0.1.3	MIT
iana-time-zone	0.1.60	Apache-2.0 OR MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 OR MIT
idna	0.5.0	Apache-2.0 OR MIT
indexmap	2.2.6	Apache-2.0 OR MIT
inotify	0.9.6	ISC
inotify-sys	0.1.5	ISC
inout	0.1.3	Apache-2.0 OR MIT
is-terminal	0.4.12	MIT
itoa	1.0.11	Apache-2.0 OR MIT

jobserver	0.1.28	Apache-2.0 OR MIT
js-sys	0.3.69	Apache-2.0 OR MIT
kqueue	1.0.8	MIT
kqueue-sys	1.0.4	MIT
language-tags	0.3.2	Apache-2.0 OR MIT
lazy_static	1.4.0	Apache-2.0 OR MIT
libc	0.2.153	Apache-2.0 OR MIT
libdbus-sys	0.2.5	Apache-2.0 OR MIT
,		Apache-2.0 OR Apache-2.0 WITH
linux-raw-sys	0.4.13	LLVM-exception OR MIT
local-channel	0.1.5	Apache-2.0 OR MIT
local-waker	0.1.4	Apache-2.0 OR MIT
lock_api	0.4.11	Apache-2.0 OR MIT
log	0.4.21	Apache-2.0 OR MIT
matchers	0.1.0	MIT
memchr	2.7.2	MIT OR Unlicense
metadeps	1.1.2	Apache-2.0 OR MIT
mime	0.3.17	Apache-2.0 OR MIT
miniz_oxide	0.7.2	Apache-2.0 OR MIT OR Zlib
mio	0.8.11	MIT
nix	0.28.0	MIT
notify	5.2.0	Artistic-2.0 OR CC0-1.0
notify-debouncer-mini	0.2.1	Artistic-2.0 OR CC0-1.0
nu-ansi-term	0.46.0	MIT
nu-ansi-term	0.49.0	MIT
num-conv	0.1.0	Apache-2.0 OR MIT
num-traits	0.2.18	Apache-2.0 OR MIT
num_cpus	1.16.0	Apache-2.0 OR MIT
object	0.32.2	Apache-2.0 OR MIT
once_cell	1.19.0	Apache-2.0 OR MIT
openssl	0.10.64	Apache-2.0
openssl-macros	0.1.1	Apache-2.0 OR MIT
openssl-src	300.2.3+3.2.1	Apache-2.0 OR MIT
openssl-sys	0.9.102	MIT
overload	0.1.1	MIT
parking_lot	0.12.1	Apache-2.0 OR MIT
parking_lot_core	0.9.9	Apache-2.0 OR MIT
password-hash	0.4.2	Apache-2.0 OR MIT
paste	1.0.14	Apache-2.0 OR MIT
pbkdf2	0.11.0	Apache-2.0 OR MIT
percent-encoding	2.3.1	Apache-2.0 OR MIT
pin-project-lite	0.2.14	Apache-2.0 OR MIT
pin-utils	0.1.0	Apache-2.0 OR MIT

pkg-config	0.3.30	Apache-2.0 OR MIT
powerfmt	0.2.0	Apache-2.0 OR MIT
ppv-lite86	0.2.17	Apache-2.0 OR MIT
proc-macro2	1.0.79	Apache-2.0 OR MIT
quote	1.0.35	Apache-2.0 OR MIT
rand	0.8.5	Apache-2.0 OR MIT
rand chacha	0.3.1	Apache-2.0 OR MIT
rand core	0.6.4	Apache-2.0 OR MIT
redox_syscall	0.4.1	MIT
regex	1.10.4	Apache-2.0 OR MIT
regex-automata	0.1.10	MIT OR Unlicense
regex-automata	0.4.6	Apache-2.0 OR MIT
regex-syntax	0.6.29	Apache-2.0 OR MIT
regex-syntax	0.8.3	Apache-2.0 OR MIT
rustc-demangle	0.1.23	Apache-2.0 OR MIT
rustc_version	0.4.0	Apache-2.0 OR MIT
14310_1011	0.1.0	Apache-2.0 OR Apache-2.0 WITH
rustix	0.38.32	LLVM-exception OR MIT
ryu	1.0.17	Apache-2.0 OR BSL-1.0
same-file	1.0.6	MIT OR Unlicense
scopeguard	1.2.0	Apache-2.0 OR MIT
semver	1.0.22	Apache-2.0 OR MIT
serde	1.0.197	Apache-2.0 OR MIT
serde_derive	1.0.197	Apache-2.0 OR MIT
serde_json	1.0.115	Apache-2.0 OR MIT
serde_urlencoded	0.7.1	Apache-2.0 OR MIT
serde_yaml	0.9.34+deprecated	Apache-2.0 OR MIT
sha1	0.10.6	Apache-2.0 OR MIT
sha2	0.10.8	Apache-2.0 OR MIT
sharded-slab	0.1.7	MIT
signal-hook	0.3.17	Apache-2.0 OR MIT
signal-hook-registry	1.4.1	Apache-2.0 OR MIT
slab	0.4.9	MIT
smallvec	1.13.2	Apache-2.0 OR MIT
socket2	0.5.6	Apache-2.0 OR MIT
subtle	2.5.0	BSD-3-Clause
syn	1.0.109	Apache-2.0 OR MIT
syn	2.0.58	Apache-2.0 OR MIT
tempfile	3.10.1	Apache-2.0 OR MIT
thiserror	1.0.58	Apache-2.0 OR MIT
thiserror-impl	1.0.58	Apache-2.0 OR MIT
thread_local	1.1.8	Apache-2.0 OR MIT
time	0.3.34	Apache-2.0 OR MIT

time-core	0.1.2	Apache-2.0 OR MIT
time-macros	0.2.17	Apache-2.0 OR MIT
tinyvec	1.6.0	Apache-2.0 OR MIT OR Zlib
tinyvec_macros	0.1.1	Apache-2.0 OR MIT OR Zlib
tokio	1.37.0	MIT
tokio-macros	2.2.0	MIT
tokio-util	0.7.10	MIT
toml	0.2.1	Apache-2.0 OR MIT
tower-service	0.3.2	MIT
tracing	0.1.40	MIT
tracing-appender	0.2.3	MIT
tracing-attributes	0.1.27	MIT
tracing-core	0.1.32	MIT
tracing-log	0.2.0	MIT
tracing-subscriber	0.3.18	MIT
try-lock	0.2.5	MIT
typenum	1.17.0	Apache-2.0 OR MIT
unicode-bidi	0.3.15	Apache-2.0 OR MIT
		(MIT OR Apache-2.0) AND Unicode-
unicode-ident	1.0.12	DFS-2016
unicode-normalization	0.1.23	Apache-2.0 OR MIT
unsafe-libyaml	0.2.11	MIT
url	2.5.0	Apache-2.0 OR MIT
uuid	1.8.0	Apache-2.0 OR MIT
valuable	0.1.0	MIT
vcpkg	0.2.15	Apache-2.0 OR MIT
version_check	0.9.4	Apache-2.0 OR MIT
walkdir	2.5.0	MIT OR Unlicense
want	0.3.1	MIT
	0.11.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
wasm-bindgen	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-backend	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro-support	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-shared	0.2.92	Apache-2.0 OR MIT
winapi	0.3.9	Apache-2.0 OR MIT
winapi-i686-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
winapi-util	0.1.6	MIT OR Unlicense
winapi-x86_64-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
windows-core	0.52.0	Apache-2.0 OR MIT
windows-sys	0.45.0	Apache-2.0 OR MIT
windows-sys	0.48.0	Apache-2.0 OR MIT

windows-sys	0.52.0	Apache-2.0 OR MIT
windows-targets	0.42.2	Apache-2.0 OR MIT
windows-targets	0.48.5	Apache-2.0 OR MIT
windows-targets	0.52.4	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_aarch64_msvc	0.42.2	Apache-2.0 OR MIT
windows_aarch64_msvc	0.48.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.52.4	Apache-2.0 OR MIT
windows_i686_gnu	0.42.2	Apache-2.0 OR MIT
windows_i686_gnu	0.48.5	Apache-2.0 OR MIT
windows_i686_gnu	0.52.4	Apache-2.0 OR MIT
windows_i686_msvc	0.42.2	Apache-2.0 OR MIT
windows_i686_msvc	0.48.5	Apache-2.0 OR MIT
windows_i686_msvc	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnu	0.42.2	Apache-2.0 OR MIT
windows_x86_64_gnu	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_x86_64_msvc	0.42.2	Apache-2.0 OR MIT
windows_x86_64_msvc	0.48.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.52.4	Apache-2.0 OR MIT
wiremock	0.6.0	Apache-2.0 OR MIT
zerocopy	0.7.32	Apache-2.0 OR BSD-2-Clause OR MIT
zerocopy-derive	0.7.32	Apache-2.0 OR BSD-2-Clause OR MIT
zeromq-src	0.1.10+4.3.2	Apache-2.0 OR MIT
zip	0.6.6	MIT
zmq	0.9.2	Apache-2.0 OR MIT
zmq-sys	0.11.0	Apache-2.0 OR MIT
zstd	0.11.2+zstd.1.5.2	MIT
zstd-safe	5.0.2+zstd.1.5.2	Apache-2.0 OR MIT
zstd-sys	2.0.10+zstd.1.5.6	Apache-2.0 OR MIT

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Component Name	Version	License
adler	1.0.2	OBSD OR Apache-2.0 OR MIT
aho-corasick	1.1.3	MIT OR Unlicense
android-tzdata	0.1.1	Apache-2.0 OR MIT

android_system_properties	0.1.5	Apache-2.0 OR MIT
anyhow	1.0.82	Apache-2.0 OR MIT
autocfg	1.2.0	Apache-2.0 OR MIT
bitflags	1.3.2	Apache-2.0 OR MIT
bitflags	2.5.0	Apache-2.0 OR MIT
bumpalo	3.16.0	Apache-2.0 OR MIT
byteorder	1.5.0	MIT OR Unlicense
CC	1.0.96	Apache-2.0 OR MIT
cfg-if	1.0.0	Apache-2.0 OR MIT
cfg_aliases	0.1.1	MIT
chrono	0.4.38	Apache-2.0 OR MIT
core-foundation-sys	0.8.6	Apache-2.0 OR MIT
crc32fast	1.4.0	Apache-2.0 OR MIT
crossbeam-channel	0.5.12	Apache-2.0 OR MIT
crossbeam-utils	0.8.19	Apache-2.0 OR MIT
dbus	0.9.7	Apache-2.0 OR MIT
dbus-crossroads	0.5.2	Apache-2.0 OR MIT
	0.3.11	Apache-2.0 OR MIT
deranged derive more	0.99.17	MIT
_		
env_filter	0.1.0	Apache 2.0 OR MIT
env_logger	0.11.3	Apache 2.0 OR MIT
errno	0.3.8	Apache 2.0 OR MIT
error-chain	0.12.4	Apache-2.0 OR MIT
fastrand	2.1.0	Apache-2.0 OR MIT
filetime	0.2.23	Apache-2.0 OR MIT
flate2	1.0.30	Apache-2.0 OR MIT
fsevent-sys	4.1.0	MIT
getrandom	0.2.14	Apache-2.0 OR MIT
hex	0.4.3	Apache-2.0 OR MIT
hostname	0.3.1	MIT
iana-time-zone	0.1.60	Apache-2.0 OR MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 OR MIT
inotify	0.9.6	ISC
inotify-sys	0.1.5	ISC
itoa	1.0.11	Apache-2.0 OR MIT
js-sys	0.3.69	Apache-2.0 OR MIT
json	0.12.4	Apache-2.0 OR MIT
kqueue	1.0.8	MIT
kqueue-sys	1.0.4	MIT
lazy_static	1.4.0	Apache-2.0 OR MIT
libc	0.2.154	Apache-2.0 OR MIT
libdbus-sys	0.2.5	Apache-2.0 OR MIT
libtzfile	2.0.5	MIT

light-ini	0.2.1	MIT
		Apache-2.0 OR Apache-2.0 WITH
linux-raw-sys	0.4.13	LLVM-exception OR MIT
log	0.4.21	Apache-2.0 OR MIT
match_cfg	0.1.0	Apache-2.0 OR MIT
memchr	2.7.2	MIT OR Unlicense
minimal-lexical	0.2.1	Apache-2.0 OR MIT
miniz_oxide	0.7.2	Apache-2.0 OR MIT OR Zlib
mio	0.8.11	MIT
nix	0.28.0	MIT
nom	7.1.3	MIT
notify	6.1.1	CC0-1.0
num-conv	0.1.0	Apache-2.0 OR MIT
num-traits	0.2.18	Apache-2.0 OR MIT
num_threads	0.1.7	Apache-2.0 OR MIT
numtoa	0.2.4	Apache-2.0 OR MIT
once_cell	1.19.0	Apache-2.0 OR MIT
pkg-config	0.3.30	Apache-2.0 OR MIT
powerfmt	0.2.0	Apache-2.0 OR MIT
ppv-lite86	0.2.17	Apache-2.0 OR MIT
proc-macro2	1.0.81	Apache-2.0 OR MIT
procfs	0.16.0	Apache-2.0 OR MIT
procfs-core	0.16.0	Apache-2.0 OR MIT
quote	1.0.36	Apache-2.0 OR MIT
rand	0.8.5	Apache-2.0 OR MIT
rand_chacha	0.3.1	Apache-2.0 OR MIT
rand_core	0.6.4	Apache-2.0 OR MIT
redox_syscall	0.4.1	MIT
regex	1.10.4	Apache-2.0 OR MIT
regex-automata	0.4.6	Apache-2.0 OR MIT
regex-syntax	0.8.3	Apache-2.0 OR MIT
		Apache-2.0 OR Apache-2.0 WITH
rustix	0.38.34	LLVM-exception OR MIT
ryu	1.0.17	Apache-2.0 OR BSL-1.0
same-file	1.0.6	MIT OR Unlicense
serde	1.0.200	Apache-2.0 OR MIT
serde_derive	1.0.200	Apache-2.0 OR MIT
serde_json	1.0.116	Apache-2.0 OR MIT
serde_repr	0.1.19	Apache-2.0 OR MIT
signal-hook	0.3.17	Apache-2.0 OR MIT
signal-hook-registry	1.4.2	Apache-2.0 OR MIT
smallvec	1.13.2	Apache-2.0 OR MIT
syn	1.0.109	Apache-2.0 OR MIT

syn	2.0.60	Apache-2.0 OR MIT
sysfs-class	0.1.3	MIT
syslog	6.1.1	MIT
tempfile	3.10.1	Apache-2.0 OR MIT
time	0.3.36	Apache-2.0 OR MIT
time-core	0.1.2	Apache-2.0 OR MIT
time-macros	0.2.18	Apache-2.0 OR MIT
		(MIT OR Apache-2.0) AND Unicode-
unicode-ident	1.0.12	DFS-2016
uuid	1.8.0	Apache-2.0 OR MIT
version_check	0.9.4	Apache-2.0 OR MIT
walkdir	2.5.0	MIT OR Unlicense
	0.11.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
wasm-bindgen	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-backend	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro-support	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-shared	0.2.92	Apache-2.0 OR MIT
winapi	0.3.9	Apache-2.0 OR MIT
winapi-i686-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
winapi-util	0.1.8	MIT OR Unlicense
winapi-x86_64-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
windows-core	0.52.0	Apache-2.0 OR MIT
windows-sys	0.48.0	Apache-2.0 OR MIT
windows-sys	0.52.0	Apache-2.0 OR MIT
windows-targets	0.48.5	Apache-2.0 OR MIT
windows-targets	0.52.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.52.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.48.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.52.5	Apache-2.0 OR MIT
windows_i686_gnu	0.48.5	Apache-2.0 OR MIT
windows_i686_gnu	0.52.5	Apache-2.0 OR MIT
windows_i686_gnullvm	0.52.5	Apache-2.0 OR MIT
windows_i686_msvc	0.48.5	Apache-2.0 OR MIT
windows_i686_msvc	0.52.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.52.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.52.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.48.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.52.5	Apache-2.0 OR MIT

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Component Name	Version	License
actix-codec	0.5.2	Apache-2.0 OR MIT
actix-http	3.6.0	Apache-2.0 OR MIT
actix-macros	0.2.4	Apache-2.0 OR MIT
actix-router	0.5.2	Apache-2.0 OR MIT
actix-rt	2.9.0	Apache-2.0 OR MIT
actix-server	2.3.0	Apache-2.0 OR MIT
actix-service	2.0.2	Apache-2.0 OR MIT
actix-utils	3.0.1	Apache-2.0 OR MIT
actix-web	4.5.1	Apache-2.0 OR MIT
actix-web-codegen	4.2.2	Apache-2.0 OR MIT
addr2line	0.21.0	Apache-2.0 OR MIT
adler	1.0.2	0BSD OR Apache-2.0 OR MIT
ahash	0.8.11	Apache-2.0 OR MIT
aho-corasick	1.1.3	MIT OR Unlicense
android-tzdata	0.1.1	Apache-2.0 OR MIT
android_system_properties	0.1.5	Apache-2.0 OR MIT
anstyle	1.0.6	Apache-2.0 OR MIT
anyhow	1.0.81	Apache-2.0 OR MIT
assert-json-diff	2.0.2	MIT
async-trait	0.1.79	Apache-2.0 OR MIT
autocfg	1.2.0	Apache-2.0 OR MIT
backtrace	0.3.71	Apache-2.0 OR MIT
base64	0.21.7	Apache-2.0 OR MIT
bitflags	1.3.2	Apache-2.0 OR MIT
bitflags	2.5.0	Apache-2.0 OR MIT
block-buffer	0.10.4	Apache-2.0 OR MIT
bumpalo	3.16.0	Apache-2.0 OR MIT
bytes	1.6.0	MIT
bytestring	1.3.1	Apache-2.0 OR MIT
сс	1.0.92	Apache-2.0 OR MIT
cfg-if	1.0.0	Apache-2.0 OR MIT
chrono	0.4.37	Apache-2.0 OR MIT
clap	4.5.4	Apache-2.0 OR MIT
clap_builder	4.5.2	Apache-2.0 OR MIT
clap_derive	4.5.4	Apache-2.0 OR MIT
clap_lex	0.7.0	Apache-2.0 OR MIT
cmake	0.1.50	Apache-2.0 OR MIT
convert_case	0.4.0	MIT
core-foundation-sys	0.8.6	Apache-2.0 OR MIT

cpufeatures	0.2.12	Apache-2.0 OR MIT
crossbeam-channel	0.5.12	Apache-2.0 OR MIT
crossbeam-utils	0.8.19	Apache-2.0 OR MIT
crypto-common	0.1.6	Apache-2.0 OR MIT
darling	0.20.8	MIT
darling_core	0.20.8	MIT
darling_macro	0.20.8	MIT
dashmap	5.5.3	MIT
dbus	0.9.7	Apache-2.0 OR MIT
dbus-tokio	0.7.6	Apache-2.0 OR MIT
deranged	0.3.11	Apache-2.0 OR MIT
derive_more	0.99.17	MIT
digest	0.10.7	Apache-2.0 OR MIT
		(Apache-2.0 OR MIT) AND BSD-3-
encoding_rs	0.8.33	Clause
equivalent	1.0.1	Apache-2.0 OR MIT
error-chain	0.10.0	Apache-2.0 OR MIT
filetime	0.2.23	Apache-2.0 OR MIT
flexi_logger	0.25.6	Apache-2.0 OR MIT
fnv	1.0.7	Apache-2.0 OR MIT
form_urlencoded	1.2.1	Apache-2.0 OR MIT
fsevent-sys	4.1.0	MIT
futures	0.3.30	Apache-2.0 OR MIT
futures-channel	0.3.30	Apache-2.0 OR MIT
futures-core	0.3.30	Apache-2.0 OR MIT
futures-executor	0.3.30	Apache-2.0 OR MIT
futures-io	0.3.30	Apache-2.0 OR MIT
futures-macro	0.3.30	Apache-2.0 OR MIT
futures-sink	0.3.30	Apache-2.0 OR MIT
futures-task	0.3.30	Apache-2.0 OR MIT
futures-util	0.3.30	Apache-2.0 OR MIT
generic-array	0.14.7	MIT
getrandom	0.2.14	Apache-2.0 OR MIT
gimli	0.28.1	Apache-2.0 OR MIT
glob	0.3.1	Apache-2.0 OR MIT
h2	0.3.26	MIT
hashbrown	0.12.3	Apache-2.0 OR MIT
hashbrown	0.14.3	Apache-2.0 OR MIT
heck	0.5.0	Apache-2.0 OR MIT
hermit-abi	0.3.9	Apache-2.0 OR MIT
hex	0.4.3	Apache-2.0 OR MIT
http	0.2.12	Apache-2.0 OR MIT
http-body	0.4.6	MIT

httparse	1.8.0	Apache-2.0 OR MIT
httpdate	1.0.3	Apache-2.0 OR MIT
hyper	0.14.28	MIT
iana-time-zone	0.1.60	Apache-2.0 OR MIT
iana-time-zone-haiku	0.1.2	Apache-2.0 OR MIT
ident_case	1.0.1	Apache-2.0 OR MIT
idna	0.5.0	Apache-2.0 OR MIT
indexmap	1.9.3	Apache-2.0 OR MIT
indexmap	2.2.6	Apache-2.0 OR MIT
inotify	0.9.6	ISC
inotify-sys	0.1.5	ISC
is-terminal	0.4.12	MIT
itoa	1.0.11	Apache-2.0 OR MIT
js-sys	0.3.69	Apache-2.0 OR MIT
kqueue	1.0.8	MIT
kqueue-sys	1.0.4	MIT
language-tags	0.3.2	Apache-2.0 OR MIT
lazy_static	1.4.0	Apache-2.0 OR MIT
libc	0.2.153	Apache-2.0 OR MIT
libdbus-sys	0.2.5	Apache-2.0 OR MIT
local-channel	0.1.5	Apache-2.0 OR MIT
local-waker	0.1.4	Apache-2.0 OR MIT
lock_api	0.4.11	Apache-2.0 OR MIT
log	0.4.21	Apache-2.0 OR MIT
matchers	0.1.0	MIT
memchr	2.7.2	MIT OR Unlicense
metadeps	1.1.2	Apache-2.0 OR MIT
mime	0.3.17	Apache-2.0 OR MIT
miniz_oxide	0.7.2	Apache-2.0 OR MIT OR Zlib
mio	0.8.11	MIT
notify	5.2.0	Artistic-2.0 OR CC0-1.0
notify-debouncer-mini	0.2.1	Artistic-2.0 OR CC0-1.0
nu-ansi-term	0.46.0	MIT
nu-ansi-term	0.49.0	MIT
num-conv	0.1.0	Apache-2.0 OR MIT
num-traits	0.2.18	Apache-2.0 OR MIT
object	0.32.2	Apache-2.0 OR MIT
once_cell	1.19.0	Apache-2.0 OR MIT
overload	0.1.1	MIT
parking_lot	0.12.1	Apache-2.0 OR MIT
parking_lot_core	0.9.9	Apache-2.0 OR MIT
paste	1.0.14	Apache-2.0 OR MIT
percent-encoding	2.3.1	Apache-2.0 OR MIT

nin maria de lita	0.2.14	Arracka 2.0 OD MIT
pin-project-lite	0.2.14	Apache-2.0 OR MIT
pin-utils	0.1.0	Apache-2.0 OR MIT
pkg-config	0.3.30	Apache-2.0 OR MIT
powerfmt	0.2.0	Apache-2.0 OR MIT
ppv-lite86	0.2.17	Apache-2.0 OR MIT
proc-macro2	1.0.79	Apache-2.0 OR MIT
quote	1.0.35	Apache-2.0 OR MIT
rand	0.8.5	Apache-2.0 OR MIT
rand_chacha	0.3.1	Apache-2.0 OR MIT
rand_core	0.6.4	Apache-2.0 OR MIT
redox_syscall	0.4.1	MIT
regex	1.10.4	Apache-2.0 OR MIT
regex-automata	0.1.10	MIT OR Unlicense
regex-automata	0.4.6	Apache-2.0 OR MIT
regex-syntax	0.6.29	Apache-2.0 OR MIT
regex-syntax	0.8.3	Apache-2.0 OR MIT
rustc-demangle	0.1.23	Apache-2.0 OR MIT
rustc_version	0.4.0	Apache-2.0 OR MIT
ryu	1.0.17	Apache-2.0 OR BSL-1.0
same-file	1.0.6	MIT OR Unlicense
scopeguard	1.2.0	Apache-2.0 OR MIT
semver	1.0.22	Apache-2.0 OR MIT
serde	1.0.197	Apache-2.0 OR MIT
serde_derive	1.0.197	Apache-2.0 OR MIT
serde_json	1.0.115	Apache-2.0 OR MIT
serde_urlencoded	0.7.1	Apache-2.0 OR MIT
serde_with	3.7.0	Apache-2.0 OR MIT
serde_with_macros	3.7.0	Apache-2.0 OR MIT
serde_yaml	0.9.34+deprecated	Apache-2.0 OR MIT
sha1	0.10.6	Apache-2.0 OR MIT
sharded-slab	0.1.7	MIT
signal-hook	0.3.17	Apache-2.0 OR MIT
signal-hook-registry	1.4.1	Apache-2.0 OR MIT
slab	0.4.9	MIT
smallvec	1.13.2	Apache-2.0 OR MIT
socket2	0.5.6	Apache-2.0 OR MIT
strsim	0.10.0	MIT
syn	1.0.109	Apache-2.0 OR MIT
syn	2.0.58	Apache-2.0 OR MIT
thiserror	1.0.58	Apache-2.0 OR MIT
thiserror-impl	1.0.58	Apache-2.0 OR MIT
thread_local	1.1.8	Apache-2.0 OR MIT
time	0.3.34	Apache-2.0 OR MIT
	1	

time-core	0.1.2	Apache-2.0 OR MIT
time-macros	0.2.17	Apache-2.0 OR MIT
tinyvec	1.6.0	Apache-2.0 OR MIT OR Zlib
tinyvec_macros	0.1.1	Apache-2.0 OR MIT OR Zlib
tokio	1.37.0	MIT
tokio-util	0.7.10	MIT
toml	0.2.1	Apache-2.0 OR MIT
tower-service	0.3.2	MIT
tracing	0.1.40	MIT
tracing-appender	0.2.3	MIT
tracing-attributes	0.1.27	MIT
tracing-core	0.1.32	MIT
tracing-log	0.2.0	MIT
tracing-subscriber	0.3.18	MIT
try-lock	0.2.5	MIT
typed-builder	0.18.1	Apache-2.0 OR MIT
typed-builder-macro	0.18.1	Apache-2.0 OR MIT
typenum	1.17.0	Apache-2.0 OR MIT
unicode-bidi	0.3.15	Apache-2.0 OR MIT
		(MIT OR Apache-2.0) AND Unicode-
unicode-ident	1.0.12	DFS-2016
unicode-normalization	0.1.23	Apache-2.0 OR MIT
unsafe-libyaml	0.2.11	MIT
url	2.5.0	Apache-2.0 OR MIT
uuid	1.8.0	Apache-2.0 OR MIT
valuable	0.1.0	MIT
version_check	0.9.4	Apache-2.0 OR MIT
walkdir	2.5.0	MIT OR Unlicense
want	0.3.1	MIT
	0.11.0+wasi-snapshot-	Apache-2.0 OR Apache-2.0 WITH
wasi	preview1	LLVM-exception OR MIT
wasm-bindgen	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-backend	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-macro-support	0.2.92	Apache-2.0 OR MIT
wasm-bindgen-shared	0.2.92	Apache-2.0 OR MIT
winapi	0.3.9	Apache-2.0 OR MIT
winapi-i686-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
winapi-util	0.1.6	MIT OR Unlicense
winapi-x86_64-pc-windows-gnu	0.4.0	Apache-2.0 OR MIT
windows-core	0.52.0	Apache-2.0 OR MIT
windows-sys	0.45.0	Apache-2.0 OR MIT
windows-sys	0.48.0	Apache-2.0 OR MIT

·		1
windows-sys	0.52.0	Apache-2.0 OR MIT
windows-targets	0.42.2	Apache-2.0 OR MIT
windows-targets	0.48.5	Apache-2.0 OR MIT
windows-targets	0.52.4	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_aarch64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_aarch64_msvc	0.42.2	Apache-2.0 OR MIT
windows_aarch64_msvc	0.48.5	Apache-2.0 OR MIT
windows_aarch64_msvc	0.52.4	Apache-2.0 OR MIT
windows_i686_gnu	0.42.2	Apache-2.0 OR MIT
windows_i686_gnu	0.48.5	Apache-2.0 OR MIT
windows_i686_gnu	0.52.4	Apache-2.0 OR MIT
windows_i686_msvc	0.42.2	Apache-2.0 OR MIT
windows_i686_msvc	0.48.5	Apache-2.0 OR MIT
windows_i686_msvc	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnu	0.42.2	Apache-2.0 OR MIT
windows_x86_64_gnu	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnu	0.52.4	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.42.2	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.48.5	Apache-2.0 OR MIT
windows_x86_64_gnullvm	0.52.4	Apache-2.0 OR MIT
windows_x86_64_msvc	0.42.2	Apache-2.0 OR MIT
windows_x86_64_msvc	0.48.5	Apache-2.0 OR MIT
windows_x86_64_msvc	0.52.4	Apache-2.0 OR MIT
zerocopy	0.7.32	Apache-2.0 OR BSD-2-Clause OR MIT
zerocopy-derive	0.7.32	Apache-2.0 OR BSD-2-Clause OR MIT
zeromq-src	0.1.10+4.3.2	Apache-2.0 OR MIT
zmq	0.9.2	Apache-2.0 OR MIT
zmq-sys	0.11.0	Apache-2.0 OR MIT
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## NGE OpensourcelicenceUbuntu 20.04

Component Name	Version	License
	0.6.55-	
accountsservice	0ubuntu12~20.04.5	<u>GPL-2+,GPL-3+</u>
adduser	3.118ubuntu2	GPL-2
alsa-topology-conf	1.2.2-1	BSD-3-clause
alsa-ucm-conf	1.2.2-1ubuntu0.13	BSD-3-clause
apparmor	2.13.3-7ubuntu5.1	BSD-3-clause,GPL-2,GPL-2+,LGPL-2.1+

0.23	GPL-2+
_	GPL-2+
	GPLv2+
	GPLv2+
	GPL-2+,GPL-3+,ISC
	GPL-3.0 License
	GPL-3.0 License
	GPL-2,PD
	GPL-2+
	GPL-3
1.0.8-3ubuntu0.1	GPL-2,GPL-2+,PostgreSQL
	GPL-2.0+,GPL-2.0+ with Texinfo exception,permissive,permissive',public-
1 07 1-2huild1	domain,X11
	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
	LGPL-2.1+
11.1.2ubuntu3	BSD-3-clause License
	BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,LGPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
1·2 3/1-0 1uhuntu9 3	3+,MIT,public-domain
	GPL-2,GPL-2+,TLP-4
	GPL-2
	GPL-2
	GPL-3
	BSD-variant,GPL-2
	<u>GPL-2+,MPL-2.0</u>
_	GPL-3
Jubuntui	<u>UFL-3</u>
).45ubuntu2	GPL-3.0+
7. 13 d d d 11 d 2	<u> </u>
0.45ubuntu2	GPL-3.0+
	Apache-2.0,GPL-3
20.04.6	GPL
1.194ubuntu3	GPL-2
1.194ubuntu3	GPL-2
3.30-3ubuntu2	GPL-3.0 License
	GPL-3
-	Artistic,GPL-2+,ISC,Paul-Vixie's-license
- 1	Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
	exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
2:2.2.2-3ubuntu2.4	exception,public-domain
	2.20.11-0ubuntu27.24 2.0.9 2.0.9 2.1.23-1ubuntu1 2.1ubuntu5 2.5.47 2.2.10-1ubuntu1 2.0-6ubuntu1.2 2.0.8-3ubuntu0.1 2.9.16.1-0ubuntu2.11 2.9.16.1-0ubuntu3 2.9.10.1-136ubuntu1 2.9.10.10-10-10-10-10-10-10-10-10-10-10-10-10-1

		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup-initramfs	2:2.2.2-3ubuntu2.4	exception,public-domain
cryptsetup-mitranns	2.2.2.2-3ubuntu2.4	Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup-run	2:2.2.2-3ubuntu2.4	exception,public-domain
cryptsetup-run	2.2.2.2-3ubuntu2.4	Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup	2:2.2.2-3ubuntu2.4	exception,public-domain
стурізецир	2.2.2.2-3ubuntu2.4	BSD-3-Clause,BSD-4-
curl	7.68.0-1ubuntu2.13	Clause,curl,ISC,other,public-domain
dash	0.5.10.2-6	<u> </u>
udSII	0.5.10.2-0	GPL, AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause-
dhus usar sassian	1 12 16 2 uhuntu 2 2	
dbus-user-session	1.12.16-2ubuntu2.2	generic,Expat,g10-permissive,GPL-2+,Tcl-BSDish
dbus	1.12.16-2ubuntu2.2	AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause-
	1.12.16-2ubuntu2.2	generic, Expat, g10-permissive, GPL-2+, Tcl-BSDish
dconf-gsettings- backend	0.26.0.1	CDL 2 LCDL 21
	0.36.0-1	GPL-3,LGPL-2+
dconf-service	0.36.0-1	GPL-3,LGPL-2+
debconf-i18n	1.5.73	BSD-2-clause
debconf	1.5.73	BSD-2-clause
debianutils	4.9.1	<u>GPL</u>
diffutils	1:3.7-3	GFDL,GPL
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
dirmngr	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME
distro-info-data	0.43ubuntu1.10	<u>ISC</u>
distro-info	0.23ubuntu1	<u>ISC</u>
dmeventd	2:1.02.167-1ubuntu1	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
dmidecode	3.2-3	GPL-2+
dmsetup	2:1.02.167-1ubuntu1	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
dosfstools	4.1-2	GPL-3+,public-domain
4031310013	1.1.2	BSD-2-clause,GPL-2,GPL-2+,public-domain-
dpkg	1.19.7ubuntu3.2	md5,public-domain-s-s-d
e2fsprogs	1.45.5-2ubuntu1.1	GPL-2,LGPL-2
eatmydata	105-7	GPL-3+
Cathiyuata	103-1	
ad	1.16-1	BSD-2-Clause,FCONF,FDOC,FLOG,GFDL-NIV- 1.3+,GPL-2+,GPL-3+
ed		1.3T,UFL-2T,UFL-3T
oject	2.1.5+deb1+cvs2008110 4-14	GDL 2
eject		GPL-2
ethtool	1:5.4-1	GPL-2
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
6.12.1	22404 5 22	2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
fdisk	2.34-0.1ubuntu9.3	<u>3+,MIT,public-domain</u>

		BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-
		Clause-regents,MIT-Old-Style-with-legal-
file	1:5.38-4	disclaimer-2, public-domain
finalrd	6~ubuntu20.04.1	GPL-3
findutils	4.7.0-1ubuntu1	GFDL-1,GPL-3
fonts-ubuntu-console	0.83-4ubuntu1	CC-BY-SA-3.0,GPL-3,Ubuntu-Font-Licence-1.0
friendly-recovery	0.2.41ubuntu0.20.04.1	GPL-2+
ftp	0.17-34.1	BSD-3-clause
fuse	2.9.9-3	GPL-2,GPL-2+,LGPL-2
	1.27.1ubuntu7+1.2-	<u> </u>
fwupd-signed	2~20.04.1	GPL-2.0+,GPL-3+
fwupd	1.7.5-3~20.04.1	CC0-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
gawk	1:5.0.1+dfsg-1	GPL-3+
gcc-10-base	10.3.0-1ubuntu1~20.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
gdisk	1.0.5-1	LGPL-2.0+
gettext-base	0.19.8.1-10build1	GFDL,GPL,LGPL
gir1.2-glib-2.0	1.64.1-1~ubuntu20.04.1	BSD-2-clause,GPL-2+,LGPL-2+,MIT
gir1.2-packagekitglib-	1.0 1.1 1 4.0411442010 1.11	555 2 3/4435/31 2 2 /1231 2 2 /14411
1.0	1.1.13-2ubuntu1.1	GPL-2+,LGPL-2.1+
		Apache-2.0,Artistic-1,Boost,BSD-2-
		clause,dlmalloc,EDL-1.0,Expat,GPL-1+,GPL-
git-man	1:2.25.1-1ubuntu3.5	2,GPL-2+,ISC,LGPL-2+,LGPL-2.1+,mingw-runtime
		Apache-2.0,Artistic-1,Boost,BSD-2-
		clause,dlmalloc,EDL-1.0,Expat,GPL-1+,GPL-
git	1:2.25.1-1ubuntu3.5	2,GPL-2+,ISC,LGPL-2+,LGPL-2.1+,mingw-runtime
glib-networking-		
common	2.64.2-1ubuntu0.1	LGPL-2+,LGPL-2.1+,OpenSSL
glib-networking-	26424 1 04	1 CDL 2 - 1 CDL 2 4 - 0 CCL
services	2.64.2-1ubuntu0.1	LGPL-2+,LGPL-2.1+,OpenSSL
glib-networking	2.64.2-1ubuntu0.1	LGPL-2+,LGPL-2.1+,OpenSSL
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
gnupg-l10n	2.2.19-3ubuntu2.2	2.1+,LGPL-3+,permissive,RFC- Reference,TinySCHEME
giiupg-itoii	2.2.19-3ubuntu2.2	BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gnupg-utils	2.2.19-3ubuntu2.2	Reference, TinySCHEME
Briabe ariis	2.2.13 34541142.2	BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gnupg	2.2.19-3ubuntu2.2	Reference, TinySCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgconf	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgsm	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME

		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgv	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-agent	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-wks-client	2.2.19-3ubuntu2.2	Reference,TinySCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-wks-server	2.2.19-3ubuntu2.2	Reference, TinySCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
	2 2 40 2	2.1+,LGPL-3+,permissive,RFC-
gpg	2.2.19-3ubuntu2.2	Reference, Tiny SCHEME
grep	3.4-1	GPL-3+
groff-base	1.22.4-4build1	GFDL-1,GPL-3
gsettings-desktop-	22604 1 4	LCDL 2.4
schemas	3.36.0-1ubuntu1	LGPL-2.1+
gzip	1.10-0ubuntu4.1	GPL
hdparm	9.58+ds-4	BSD-2-clause,GPL-2+,hdparm
hostname	3.23	GPL-2
htop	2.2.0-2build1	<u>GPL-2+</u>
info	6.7.0.dfsg.2-5	GFDL-1,GPL-3
initramfs-tools-bin	0.136ubuntu6.7	GPL-2
initramfs-tools-core	0.136ubuntu6.7	GPL-2
initramfs-tools	0.136ubuntu6.7	GPL-2
init-system-helpers	1.57	BSD-3-clause,GPL-2+
init	1.57	BSD-3-clause,GPL-2+
install-info	6.7.0.dfsg.2-5	GFDL-1,GPL-3
iproute2	5.5.0-1ubuntu1	GPL-2
iptables	1.8.4-3ubuntu2	Artistic,custom,GPL-2,GPL-2+
iputils-ping	3:20190709-3	GPL
iputils-tracepath	3:20190709-3	GPL
irgbalance	1.6.0-3ubuntu1	GPL-2
ii quaianee	4.4.1-	0.22
isc-dhcp-client	2.1ubuntu5.20.04.3	GPL-2,MPL-2.0
	4.4.1-	
isc-dhcp-common	2.1ubuntu5.20.04.3	GPL-2,MPL-2.0
iso-codes	4.4-1	LGPL-2.1+
kbd	2.0.4-4ubuntu2	GPL-2+,GPL-2-with-exceptions,GPL-any
keyboard-configuration	1.194ubuntu3	GPL-2
klibc-utils	2.0.7-1ubuntu5.1	GPL-2
kmod	27-1ubuntu2.1	GPL-2,LGPL-2
kpartx	0.8.3-1ubuntu2	GPL-2,LGPL-2
Realth	0.0.5 Tabantaz	01 = 2,001 = 2

krb5-locales	1.17-6ubuntu4.1	GPL-2
landscape-common	19.12-0ubuntu4.3	GPL-2
language-selector-		5.00
common	0.204.2	GPL-2+
less	551-1ubuntu0.1	GPL-3
	0.6.55-	
libaccountsservice0	0ubuntu12~20.04.5	<u>GPL-2+,GPL-3+</u>
libacl1	2.2.53-6	GPL-2+,LGPL-2+
libaio1	0.3.112-5	LGPL-2.1+
libapparmor1	2.13.3-7ubuntu5.1	BSD-3-clause,GPL-2,GPL-2+,LGPL-2.1+
libappstream4	0.12.10-2	FSFAP,GPL-2+,LGPL-2.1+
libapt-pkg6.0	2.0.9	GPLv2+
		Apache-2.0,BSD-124-clause-UCB,BSD-1-clause-
		UCB,BSD-2-clause,BSD-3-clause-UCB,BSD-4-
libarchive13	3.4.0-2ubuntu1.2	<u>clause-UCB,Expat,PD</u>
libargon2-1	0~20171227-0.2	Apache-2.0,CCO
libasn1-8-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libasound2-data	1.2.2-2.1ubuntu2.5	<u>LGPL-2.1+</u>
libasound2	1.2.2-2.1ubuntu2.5	<u>LGPL-2.1+</u>
		GAP,GAP~FSF,GPL-2+,GPL-2+ with libtool
libassuan0	2.5.3-7ubuntu2	exception,GPL-3+,LGPL-2.1+,LGPL-3+
libatasmart4	0.19-5	GPL-3,LGPL-2
libatm1	1:2.5.1-4	GPL-2.0 License
libattr1	1:2.4.48-5	GPL-2+,LGPL-2+
libaudit1	1:2.8.5-2ubuntu6	GPL-2,LGPL-2.1
libaudit-common	1:2.8.5-2ubuntu6	GPL-2,LGPL-2.1
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
libblkid1	2.34-0.1ubuntu9.3	3+,MIT,public-domain
libblockdev2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-crypto2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-fs2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-loop2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-part2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-part-err2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-swap2	2.23-2ubuntu3	GPL-2+,LGPL-2.1+
libblockdev-utils2	2.23-2ubuntu3	<u>GPL-2+,LGPL-2.1+</u>
libbrotli1	1.0.7-6ubuntu0.1	MIT
		Beerware,BSD-2-clause,BSD-2-clause-
		author,BSD-2-clause-NetBSD,BSD-2-clause-
		verbatim,BSD-3-clause,BSD-3-clause-
		author,BSD-3-clause-John-Birrell,BSD-3-clause-
		Regents,BSD-4-clause-Christopher-G-
lile le e dO	0.40.0.4	Demetriou,BSD-4-clause-Niels-Provos,BSD-5-
libbsd0	0.10.0-1	clause-Peter-Wemm,Expat,ISC,ISC-

		Original,public-domain,public-domain-Colin-
		Plumb
libbz2-1.0	1.0.8-2	BSD-variant,GPL-2
libc6	2.31-0ubuntu9.9	GPL-2,LGPL-2
libcanberra0	0.30-7ubuntu1	LGPL-2+
libcap2-bin	1:2.32-1	BSD-3-clause,GPL-2,GPL-2+
libcap2	1:2.32-1	BSD-3-clause,GPL-2,GPL-2+
libcap-ng0	0.7.9-2.1build1	GPL-2,GPL-3,LGPL-2
libcbor0.6	0.6.0-0ubuntu1	Apache-2.0,Expat
libcom-err2	1.45.5-2ubuntu1.1	GPL-2,LGPL-2
libcrypt1	1:4.4.10-10ubuntu4	LGPL-2.1 License
,,		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
libcryptsetup12	2:2.2.2-3ubuntu2.4	exception, public-domain
		BSD-3-Clause,BSD-4-
libcurl3-gnutls	7.68.0-1ubuntu2.13	<u>Clause,curl,ISC,other,public-domain</u>
		BSD-3-Clause,BSD-4-
libcurl4	7.68.0-1ubuntu2.13	<u>Clause,curl,ISC,other,public-domain</u>
libc-bin	2.31-0ubuntu9.9	GPL-2,LGPL-2
1:1-11-5	5.3.28+dfsg1-	Classications
libdb5.3	0.6ubuntu2	Sleepycat License
libdbus-1-3	1.12.16-2ubuntu2.2	AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause- generic,Expat,g10-permissive,GPL-2+,Tcl-BSDish
libdconf1	0.36.0-1	GPL-3,LGPL-2+
libdebconfclient0	0.251ubuntu1	public domain
libdevmapper1.02.1	2:1.02.167-1ubuntu1	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
libdevmapper-	2.1.02.107-100diltu1	BSD-2-Clause, G1 L-2.0, G1 L-2.01, EG1 L-2.1
event1.02.1	2:1.02.167-1ubuntu1	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
	1:9.11.16+dfsg-	
libdns-export1109	3~ubuntu1	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
	2.4.107-	
libdrm2	8ubuntu1~20.04.2	MIT License
	2.4.107-	
libdrm-common	8ubuntu1~20.04.2	MIT License
libeatmydata1	105-7	<u>GPL-3+</u>
libedit2	3.1-20191231-1	BSD-3-clause
libefiboot1	37-2ubuntu2.2	<u>GPL-2.0+,LGPL-2.0+</u>
libefivar1	37-2ubuntu2.2	<u>GPL-2.0+,LGPL-2.0+</u>
libelf1	0.176-1.1build1	GPL-2,GPL-3,LGPL-
liberror-perl	0.17029-1	Artistic,GPL-1+,MIT/X11
libestr0	0.1.10-2.1	LGPL-2
		BSD-2-clause,BSD-3-clause,BSD-3-
		Clause~Kitware,BSL,curl,Expat,FSFUL,FSFULLR,F
libevent-2.1-7	2.1.11-stable-1	SFULLR-No-Warranty,GPL-2+,GPL-3+,ISC
libexpat1	2.2.9-1ubuntu0.4	MIT

libext2fs2	1.45.5-2ubuntu1.1	GPL-2,LGPL-2
libfastjson4	0.99.8-2	Apache-2.0,Expat
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
libfdisk1	2.34-0.1ubuntu9.3	3+,MIT,public-domain
libffi7	3.3-4	GPL
libfido2-1	1.3.1-1ubuntu2	BSD-2-clause,ISC,public-domain
libfl2	2.6.4-6.2	FLEX,FSFAP,GPL,GPL-2+,GPL-3+,LGPL-2+
		Apache-2.0,BSD-3-
		Clause,FSFUL,FSFULLR,FTL,GPL-2+,GPL-
		3+,MIT,MPL-1.1,OFL-1.1,OpenGroup-BSD-
libfreetype6	2.10.1-2ubuntu0.2	<u>like,Permissive,Public-Domain,Zlib</u>
libfribidi0	1.0.8-2ubuntu0.1	<u>LGPL-2.1+</u>
libfuse2	2.9.9-3	GPL-2,GPL-2+,LGPL-2
libfwupd2	1.7.5-3~20.04.1	CCO-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
	1.5.11-	
libfwupdplugin1	0ubuntu1~20.04.2	CCO-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
libfwupdplugin5	1.7.5-3~20.04.1	CCO-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
libgcab-1.0-0	1.4-1	<u>LGPL-2.0+, LGPL-2.1+</u>
libgcc-s1	10.3.0-1ubuntu1~20.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
libgcrypt20	1.8.5-5ubuntu1.1	GPL-2,LGPL
libgdbm6	1.18.1-5	GFDL-NIV-1.3+,GPL-2+,GPL-3+
libgdbm-compat4	1.18.1-5	<u>GFDL-NIV-1.3+,GPL-2+,GPL-3+</u>
libgirepository-1.0-1	1.64.1-1~ubuntu20.04.1	BSD-2-clause,GPL-2+,LGPL-2+,MIT
libglib2.0-0	2.64.6-1~ubuntu20.04.4	<u>Expat</u>
libglib2.0-bin	2.64.6-1~ubuntu20.04.4	Expat
libglib2.0-data	2.64.6-1~ubuntu20.04.4	Expat
libgmp10	2:6.2.0+dfsg-4	GPL,GPL-2,GPL-3,LGPL-3
libgnutls30	3.6.13-2ubuntu1.7	Apache-20
libgpgme11	1.13.1-7ubuntu2	GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+
libgpg-error0	1.37-1	BSD-3-clause,g10-permissive,GPL-3+,LGPL-2.1+
libgpm2	1.20.7-5	GPL-2.0+,GPL-3.0+
libgssapi3-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libgssapi-krb5-2	1.17-6ubuntu4.1	GPL-2
libgstreamer1.0-0	1.16.3-0ubuntu1.1	GPL-2+
libgudev-1.0-0	1:233-1	LGPL-2+
libgusb2	0.3.4-0.1	GPL-2.0+,LGPL-2.1+
libhcrypto4-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libheimbase1-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libheimntlm0-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
		GAP,GPL-2,GPL-2+,GPL-2+ with Autoconf
	3.5.1+really3.5.1-	exception,LGPL-2+,LGPL-2.1+,other,public-
libhogweed5	2ubuntu0.2	domain
libhx509-5-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none

libicu66	66.1-2ubuntu2.1	ICU License
libidn2-0	2.2.0-2	GPL-2+,GPL-3+,LGPL-3+,Unicode
libip4tc2	1.8.4-3ubuntu2	Artistic,custom,GPL-2,GPL-2+
libip6tc2	1.8.4-3ubuntu2	Artistic,custom,GPL-2,GPL-2+
morpote2	1:9.11.16+dfsg-	74 Cotto, eductorii, of E 2, of E 2.
libisc-export1105	3~ubuntu1	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
libisns0	0.97-3	Expat,LGPL-2.1+
libjcat1	0.1.4-0ubuntu0.20.04.1	LGPL-2.1+
libjson-c4	0.13.1+dfsg-7ubuntu0.3	<u>Expat</u>
libjson-glib-1.0-0	1.4.4-2ubuntu2	LGPL-2.1+
libjson-glib-1.0-		
common	1.4.4-2ubuntu2	<u>LGPL-2.1+</u>
libk5crypto3	1.17-6ubuntu4.1	GPL-2
libkeyutils1	1.6-6ubuntu1.1	GPL-2+,LGPL-2+
libklibc	2.0.7-1ubuntu5.1	GPL-2
libkmod2	27-1ubuntu2.1	GPL-2,LGPL-2
libkrb5support0	1.17-6ubuntu4.1	GPL-2
libkrb5-3	1.17-6ubuntu4.1	GPL-2
libkrb5-26-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libksba8	1.3.5-2	GPL-3
libldap-2.4-2	2.4.49+dfsg-2ubuntu1.9	OpenLDAP Public License
libldap-common	2.4.49+dfsg-2ubuntu1.9	OpenLDAP Public License
liblmdb0	0.9.24-1	OpenLDAP-2.8
liblmdb0 liblocale-gettext-perl	0.9.24-1 1.07-4	OpenLDAP-2.8  Artistic,GPL-1+
		<del> </del>
liblocale-gettext-perl	1.07-4	Artistic,GPL-1+
liblocale-gettext-perl libltdl7	1.07-4 2.4.6-14	Artistic,GPL-1+ GFDL,GPL
liblocale-gettext-perl libltdl7 liblvm2cmd2.03	1.07-4 2.4.6-14 2.03.07-1ubuntu1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
liblocale-gettext-perl libltdl7 liblvm2cmd2.03	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1 2.10-2	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1 2.10-2	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1 2.10-2	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1 2.10-2	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1 5.2.4-1ubuntu1.1 2.10-2 1:5.38-4	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL- 2.1+,noderivs,none,PD,PD-debian,permissive- fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-4-
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1 libmagic-mgc libmaxminddb0	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1  5.2.4-1ubuntu1.1 2.10-2  1:5.38-4  1.4.2-0ubuntu1.20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-4-clause,CC-BY-SA,GPL-2+
liblocale-gettext-perl libltd17 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1 libmagic-mgc libmaxminddb0 libmbim-glib4	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1  5.2.4-1ubuntu1.1 2.10-2  1:5.38-4  1:5.38-4  1.4.2-0ubuntu1.20.04.1 1.26.2-1~ubuntu20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL- 2.1+,noderivs,none,PD,PD-debian,permissive- fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-4- clause,CC-BY-SA,GPL-2+  GFDL-NIV-1.3+,GPL-2+,LGPL-2+
liblocale-gettext-perl libltd17 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1 libmagic-mgc libmaxminddb0 libmbim-glib4 libmbim-proxy	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1  5.2.4-1ubuntu1.1 2.10-2  1:5.38-4  1:5.38-4  1.4.2-0ubuntu1.20.04.1 1.26.2-1~ubuntu20.04.1 1.26.2-1~ubuntu20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL-2.1+,noderivs,none,PD,PD-debian,permissive-fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2-Clause-regents,MIT-Old-Style-with-legal-disclaimer-2,public-domain  Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-4-clause,CC-BY-SA,GPL-2+  GFDL-NIV-1.3+,GPL-2+,LGPL-2+  GFDL-NIV-1.3+,GPL-2+,LGPL-2+
liblocale-gettext-perl libltdl7 liblvm2cmd2.03 liblz4-1 liblzma5 liblzo2-2 libmagic1 libmagic-mgc libmaxminddb0 libmbim-glib4	1.07-4 2.4.6-14 2.03.07-1ubuntu1 1.9.2-2ubuntu0.20.04.1  5.2.4-1ubuntu1.1 2.10-2  1:5.38-4  1:5.38-4  1.4.2-0ubuntu1.20.04.1 1.26.2-1~ubuntu20.04.1	Artistic,GPL-1+  GFDL,GPL  BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1  BSD-2-clause,GPL-2,GPL-2+  Autoconf,config-h,GPL-2,GPL-2+,LGPL- 2.1+,noderivs,none,PD,PD-debian,permissive- fsf,permissive-nowarranty,probably-PD  GPL-2+  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-2- Clause-regents,MIT-Old-Style-with-legal- disclaimer-2,public-domain  Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-4- clause,CC-BY-SA,GPL-2+  GFDL-NIV-1.3+,GPL-2+,LGPL-2+

		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
libmount1	2.34-0.1ubuntu9.3	3+,MIT,public-domain
libmpdec2	2.4.2-3	BSD,GPL-2+
libmpfr6	4.0.2-1	GFDL-1,LGPL-3
libmspack0	0.10.1-2	LGPL-2.1
libncurses6	6.2-0ubuntu2	MIT License
libncursesw6	6.2-0ubuntu2	MIT License
libnetfilter-conntrack3	1.0.7-2	GPL-2+
monetimes connected	0.104-	01221
libnetplan0	0ubuntu2~20.04.2	GPL-3
		GAP,GPL-2,GPL-2+,GPL-2+ with Autoconf
	3.5.1+really3.5.1-	exception,LGPL-2+,LGPL-2.1+,other,public-
libnettle7	2ubuntu0.2	domain
libnewt0.52	0.52.21-4ubuntu2	LGPL-2
libnfnetlink0	1.0.1-3build1	GPL
libnftnl11	1.1.5-1	GPL-2,GPL-2+
		all-permissive,BSD-2-clause,Expat,GPL-3+ with
libnghttp2-14	1.40.0-1build1	autoconf exception, MIT, SIL-OFL-1.1
libnpth0	1.6-1	LGPL-2.1+
libnspr4	2:4.25-1	MPL-2.0
libnss3	2:3.49.1-1ubuntu1.8	BSD-3,MIT,MPL-2.0,public-domain,Zlib
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libnss-systemd	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libnss-systemd	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libnss-systemd	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
	1:2017.3.23AR.3-	
libntfs-3g883	3ubuntu1.2	GPL-2+,LGPL-2+
libnuma1	2.0.12-1	<u>GPL,LGPL</u>
libogg0	1.3.4-0ubuntu1	BSD-3-Clause License
		BSD-3-Clause,ISC,ISC+IBM,permissive-like-
libp11-kit0	0.23.20-1ubuntu0.1	automake-output,same-as-rest-of-p11kit
libpackagekit-glib2-18	1.1.13-2ubuntu1.1	<u>GPL-2+,LGPL-2.1+</u>
libpam0g	1.3.1-5ubuntu4.3	GPL
libpam-cap	1:2.32-1	BSD-3-clause,GPL-2,GPL-2+
libpam-modules-bin	1.3.1-5ubuntu4.3	<u>GPL</u>
libpam-modules	1.3.1-5ubuntu4.3	<u>GPL</u>
libpam-runtime	1.3.1-5ubuntu4.3	<u>GPL</u>
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libpam-systemd	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libpam-systemd	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain

		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libpam-systemd	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
libparted2	3.3-4ubuntu0.20.04.1	GPL-3
libparted-fs-resize0	3.3-4ubuntu0.20.04.1	GPL-3
libpcap0.8	1.9.1-3	BSD license
	1:3.6.4-	
libpci3	1ubuntu0.20.04.1	<u>GPL-2+</u>
libpcre2-8-0	10.34-7ubuntu0.1	"BSD" licence, public domain
libpcre3	2:8.39-12ubuntu0.1	"BSD" licence
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-BISON-
		EXCEPTION, HSIEH-BSD, HSIEH-DERIVATIVE, LGPL-
		2.1,REGCOMP,REGCOMP,RRA-KEEP-THIS-
		NOTICE, SDBM-PUBLIC-DOMAIN, TEXT-
libperl5.30	5.30.0-9ubuntu0.2	TABS,Unicode,ZLIB
libpipeline1	1.5.2-2build1	<u>GPL-2+,GPL-3+</u>
	0.9.4git20200323-	
libplymouth5	0ubuntu6.2	<u>GPL-2+,other</u>
		Apache-2.0,BSD-3-clause,BSD-like-with-
		advertising-clause,expat,GPL-2+,libpng,libpng
libpng16-16	1.6.37-2	OR Apache-2.0 OR BSD-3-clause
libpolkit-agent-1-0	0.105-26ubuntu1.3	Apache-2.0,LGPL-2.0+
libpolkit-gobject-1-0	0.105-26ubuntu1.3	Apache-2.0,LGPL-2.0+
libpopt0	1.16-14	<u>GPL-2+,X-Consortium</u>
libprocps8	2:3.3.16-1ubuntu2.3	<u>GPL-2.0+,LGPL-2.0+,LGPL-2.1+</u>
libproxy1v5	0.4.15-10ubuntu1.2	GPL,LGPL-2
libpsl5	0.21.0-1ubuntu1	<u>Chromium,MIT</u>
libpython3-stdlib	3.8.2-0ubuntu2	GPL-compatible,GPL-compatible licenses
	3.8.10-	
libpython3.8-minimal	0ubuntu1~20.04.5	<u>Python License</u>
	3.8.10-	
libpython3.8-stdlib	0ubuntu1~20.04.5	Python License
	3.8.10-	
libpython3.8	0ubuntu1~20.04.5	Python License
libqmi-glib5	1.30.4-1~ubuntu20.04.1	GFDL-NIV-1.3+,GPL-2+,LGPL-2.0+
libqmi-proxy	1.30.4-1~ubuntu20.04.1	<u>GFDL-NIV-1.3+,GPL-2+,LGPL-2.0+</u>
libreadline5	5.2+dfsg-3build3	GPL-2,GPL-2,
libreadline8	8.0-4	GFDL,GPL-3
libroken18-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
	2.4+20151223.gitfa8646	
librtmp1	d.1-2build1	GPL-2,LGPL-2
libsasl2-2	2.1.27+dfsg-2ubuntu0.1	BSD-4-clause,GPL-3+

libsasl2-modules-db			
Ibsecomp2	libsasl2-modules-db	2.1.27+dfsg-2ubuntu0.1	BSD-4-clause,GPL-3+
Iibsemanage1   3.0-1build2   GPL_1GPL_2     Iibsemanage2   3.0-1build2   GPL_1GPL     Iibsemanage3   3.0-1build2   GPL_1GPL     Iibsemanage4   3.0-1build2   GPL_1GPL     Iibsemanage5   3.0-1build2   GPL_1GPL     Iibsepo1   3.0-1buintu0.1   GPL_1GPL     Iibsgutils2-2   1.44-1ubuntu2   GPL     Iibsigsegv2   2.12-2   exception_permissive-fsf_permissive-other     Iibsigsegv2   2.3-2-4   GPL_2+, GPL_2+ with Autoconf     Iibsigsegv3   2.3-2-4   GPL_2+ GPL_3-1, GPL_1GPL_2-1, LGPL_2-1+, LGPL_3-1,	libsasl2-modules	<u> </u>	BSD-4-clause,GPL-3+
Iibsemanage1   3.0-1build2   GPL_LGPL     Iibsemanage-common   3.0-1build2   GPL_LGPL     Iibsepol1   3.0-1ubuntu0.1   GPL_LGPL     Iibsgutils2-2   1.44-1ubuntu2   GPL     Iibsgutils2-2   2.12-2   exception,permissive-fsf,permissive-other     Iibslang2   2.3.2-4   GPL-2+     Iibslang2   2.3.2-4   GPL-2+     Iibsmartcols1   2.34-0.1ubuntu9.3   3+.MIT_public-domain     Iibsoubios-c2   2.4.3-1   GPL     Iibsoubios-c2   2.4.3-1   GPL     Iibsoubium23   1.0.18-1   BSD-2-clause,CO_GPL-2+,ISC,MIT,public-domain     Iibsoup2.4-1   2.70.0-1   Expat_IGPL-2+     Iibsslang2   1.45.5-2ubuntu1.1   GPL-2_tpublic-domain     Iibssl2   1.45.5-2ubuntu2.2   2.1+**OpenSSL,public-domain     Iibssl1.1   1.1.1f-1ubuntu2.16   BSD-3-clause, IGPL-2.1,IGPL-3,IG	libseccomp2	2.5.1-1ubuntu1~20.04.2	<u>LGPL-2.1</u>
Iibsemanage-common   3.0-1build2   GPL_LGPL     Iibsepol1   3.0-1bubutu0.1   GPL_LGPL     Iibsgutiis2-2   1.44-1ubuntu2   GPL_GPL     GPL   GPL   GPL     GPL-2+,GPL-2+ with Autoconf     GPL-2+,GPL-3+ with Autoconf     GPL-2+,GPL-3+,GPL-2+,GPL-3-clause,GPL-2-,GPL-2+,GPL-3+,GPL-2-,LGPL	libselinux1	3.0-1build2	GPL-2,LGPL-2
Iibsepol1   3.0-1ubuntu0.1   GPL_LGPL     Iibsgutils2-2   1.44-1ubuntu2   GPL     Iibsgesy2   2.12-2   Reception,permissive-fsf,permissive-other     Iibslang2   2.3.2-4   GPL-2+     Iibslang2   2.3.2-4   GPL-2+     Iibsmartcols1   2.34-0.1ubuntu9.3   3.,MIT,public-domain     Iibsmbios-c2   2.4.3-1   GPL     Iibsoudium23   1.0.18-1   BSD-2-clause,CCO,GPL-2+,ISC,MIT,public-domain     Iibsoudium23   1.0.18-1   BSD-2-clause,BSD-3-clause,LGPL-2.1,LGPL-     Iibsoudium23   1.0.18-1   BSD-2-clause,BSD-3-clause,LGPL-2.1,LGPL-     Iibssqlite3-0   3.3.1.4ubuntu0.4   GPL-2,LGPL-2     Iibssqlite3-0   3.3.1.5-2ubuntu1.1   GPL-2,LGPL-2     Iibssl1   1.1.1f-1ubuntu2.16   BSD-style     Iibssh-4   0.9.3-2ubuntu2.2   2.1+"OpenSSL,public-domain     Iibssl1.1   1.1.1f-1ubuntu2.16   BSD-style     Iibstdc++6   10.3.0-1ubuntu1"20.04   Artistic,GFDL-1,GPL-2,GPL-3,LGPL     Iibstemmer0d   0+svn585-2   BSD-3-snowball     CCO-1,0.Expat,GPL-2,GPL-2,GPL-2,GPL-2,With Linux-syscall-note exception,LGPL-2.1+,public-domain     CCO-1,0.Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     Iibsystemd0   245.4-4ubuntu3.18   SSD-3,GPL-3,O+,JSC,LGPL-3,O+,PostgreSQL     Iibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     Iibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     Iibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     Iibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     Iibtext-charwidth-perl   0.06-9   Artistic,GPL-3, HPL-2, HPL	libsemanage1	3.0-1build2	<u>GPL,LGPL</u>
Iibsgutils2-2	libsemanage-common	3.0-1build2	GPL,LGPL
Iibsigsegv2   2.12-2	libsepol1	3.0-1ubuntu0.1	GPL,LGPL
Iibsalang2	libsgutils2-2	1.44-1ubuntu2	GPL
Ibisslang2			GPL-2+,GPL-2+ with Autoconf
BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,IGPL,IGPL-2+,IGPL-2.1+,IGPL-3+,IGPL,IGPL-2+,IGPL-2.1+,IGPL-3+,IGPL,IGPL-2+,IGPL-2.1+,IGPL-3+,IGPL,IGPL-2+,IGPL-2.1+,IGPL-3+,IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	libsigsegv2	2.12-2	exception,permissive-fsf,permissive-other
CCO-1.0,Expat,GPL-2,GPL-2,Hypublic-domain	libslang2	2.3.2-4	GPL-2+
libsmartcols1         2.34-0.1ubuntu9.3         3+,MIT,public-domain           libsmbios-c2         2.4.3-1         GPL           libsodium23         1.0.18-1         BSD-2-clause,CCO,GPL-2+,ISC,MIT,public-domain           libsoup2.4-1         2.70.0-1         Expat,LGPL-2+           libsqlite3-0         3.31.1-4ubuntu0.4         GPL-2+,public-domain           libss2         1.45.5-2ubuntu1.1         GPL-2,LGPL-2           libssh-4         0.9.3-2ubuntu2.2         2.1+**OpenSSL,public-domain           libst61.1         1.1.1f-1ubuntu2.16         BSD-3tyle           libstdc++6         10.3.0-1ubuntu1*20.04         Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL           libstemmer0d         0+svn585-2         BSD-3-snowball           CC0-1.0,Expat,GPL-2,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain         CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain           libsystemd0         245.4-4ubuntu3.18         syscall-note exception,LGPL-2.1+,public-domain           libtasn1-6         4.16.0-2         GFDL-1,GPL-3,LGPL-2,GPL-2-4,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain           libtext-charwidth-perl         0.04-10         Artistic,GPL-1+           libtext-charwidth-perl         0.06-9         Artistic,GPL-1+           libtext-conv-perl         1.7-7			BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
Ibsmbios-c2			2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
Ibsodium23	libsmartcols1	2.34-0.1ubuntu9.3	3+,MIT,public-domain
Iibsoup2.4-1   2.70.0-1   Expat,LGPL-2+     Iibsqlite3-0   3.31.1-4ubuntu0.4   GPL-2+,public-domain     Iibss2   1.45.5-2ubuntu1.1   GPL-2,LGPL-2     Iibssh-4   0.9.3-2ubuntu2.2   2.1+"OpenSSL,public-domain     Iibssl1.1   1.1.1f-1ubuntu2.16   BSD-style     Iibstdc++6   10.3.0-1ubuntu1"> ESD-style     Iibstdc++6   10.3.0-1ubuntu1"> ESD-3, ESD-3-clause,LGPL-2.1,LGPL     IibstemmerOd   0+svn585-2   BSD-3-snowball     CC0-1.0,Expat,GPL-2,GPL-3,LGPL     Iibsystemd0   245.4-4ubuntu3.15   Syscall-note exception,LGPL-2.1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2-1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2-1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2-1+,public-domain     CC0-1.0,Expat,GPL-3,GPL-2-1+,public-domain     CC0-1.0,Expat,GPL-3,GPL-3,H,PostgreSQL     Iibtash-16   4.16.0-2   GFDL-1,GPL-3,LGPL,LGPL-2     Iibtdb1   1.4.3-0ubuntu0.20.04.1   BSD-3,GPL-3.0+,ISC,LGPL-3.0+,PostgreSQL     Iibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     Iibtext-iconv-perl   1.7-7   Artistic,GPL-1+     Iibtext-wrapi18n-perl   0.06-9   Artistic,GPL-1+     Iibtss2-esys0   2.3.2-1   BSD-2-clause,GPL-3,TCG     Iibuchardet0   0.0.6-3build1   GPL-2+,LGPL-2,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-n	libsmbios-c2	2.4.3-1	<u>GPL</u>
libsqlite3-0         3.31.1-4ubuntu0.4         GPL-2,public-domain           libss2         1.45.5-2ubuntu1.1         GPL-2,LGPL-2           libssh-4         0.9.3-2ubuntu2.2         2.1+"OpenSSL,public-domain           libssl1.1         1.1.1f-1ubuntu2.16         BSD-style           libstdc++6         10.3.0-1ubuntu1"20.04         Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL           libstemmer0d         0+svn585-2         BSD-3-snowball           CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain         CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain           libsystemd0         245.4-4ubuntu3.18         syscall-note exception,LGPL-2.1+,public-domain           libtsystemd0         245.4-4ubuntu3         syscall-note exception,LGPL-2.1+,public-domain           libtss1-6         4.16.0-2         GFDL-1,GPL-3,LGPL,GPL-2.1+,public-domain           libtas1         1.4.3-Oubuntu0.20.04.1         BSD-3,GPL-3,0+,ISC,LGPL-3.0+,PostgreSQL           libtext-charwidth-perl         0.04-10         Artistic,GPL-1+           libtext-iconv-perl         1.7-7         Artistic,GPL-1+           libtext-wrapi18n-perl         0.06-9         Artistic,GPL-1+           libtext-wrapi18n-perl         0.06-9         Artistic,GPL-1+           libtext-geys0         2.3.2-1         B	libsodium23	1.0.18-1	BSD-2-clause,CC0,GPL-2+,ISC,MIT,public-domain
Iibss2	libsoup2.4-1	2.70.0-1	Expat,LGPL-2+
BSD-2-clause,BSD-3-clause,LGPL-2.1,LGPL-2.1bssh-4   0.9.3-2ubuntu2.2   2.1+~OpenSSL,public-domain     ibssl1.1   1.11f-1ubuntu2.16   BSD-style     ibstdc++6   10.3.0-1ubuntu1~20.04   Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL     ibstemmerOd   0+svn585-2   BSD-3-snowball     CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     ibtasn1-6   4.16.0-2   GFDL-1,GPL-3,LGPL-2,GPL-2-4,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     ibtasn1-6   4.16.0-2   GFDL-1,GPL-3,LGPL-2,GPL-3.0+,PostgreSQL     ibtext-charwidth-perl   0.04-10   Artistic,GPL-1+     ibtext-charwidth-perl   1.7-7   Artistic,GPL-1+     ibtext-wrapi18n-perl   0.06-9   Artistic,GPL-1+     ibtext-wrapi18n-perl   0.06-9   Artistic,GPL-1+     ibtinfo6   6.2-0ubuntu2   MIT License     ibtinfo6   6.2-0ubuntu2   MIT License     ibtinfo6   6.2-0ubuntu2   MIT License     ibtinfo6   6.2-0ubuntu2   MIT License     ibtext-charwidth-perl   245.4-4ubuntu3.15   SPD-2-clause,GPL-3,TCG     ibtuchardet0   0.0.6-3build1   GPL-2,LgPL-2.1+,MPL-1.1     CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain     CC0-1.0,Expat,GPL-2,GPL-2-,GPL-2-,G	libsqlite3-0	3.31.1-4ubuntu0.4	GPL-2+,public-domain
libssh-4         0.9.3-2ubuntu2.2         2.1+~OpenSSL,public-domain           libssl1.1         1.1.1f-1ubuntu2.16         BSD-style           libstdc++6         10.3.0-1ubuntu1~20.04         Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL           libstemmer0d         0+svn585-2         BSD-3-snowball           CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain           Libsystemd0         245.4-4ubuntu3.18         Syscall-note exception,LGPL-2.1+,public-domain           Libsystemd0         245.4-4ubuntu3         Syscall-note exception,LGPL-2.1+,public-domain           Libsystemd0         245.4-4ubuntu3         Syscall-note exception,LGPL-2.1+,public-domain           Libsystemd0         245.4-4ubuntu3         Syscall-note exception,LGPL-2.1+,public-domain           Libtasn1-6         4.16.0-2         GFDL-1,GPL-3,LGPL,LGPL-2           Libtdb1         1.4.3-Oubuntu0.20.04.1         BSD-3,GPL-3,0+,ISC,LGPL-3.0+,PostgreSQL           Libtext-charwidth-perl         0.04-10         Artistic,GPL-1+           Libtext-wrapi18n-perl         0.06-9         Artistic,GPL-1+           Libtext-wrapi18n-perl         0.06-9         Artistic,GPL-1+           Libtorn6e         6.2-Oubuntu2         MIT License           Libtorn6e         6.2-Oubuntu2         MIT License           Libtorn6e </td <td>libss2</td> <td>1.45.5-2ubuntu1.1</td> <td>GPL-2,LGPL-2</td>	libss2	1.45.5-2ubuntu1.1	GPL-2,LGPL-2
Iibssl1.1			BSD-2-clause,BSD-3-clause,LGPL-2.1,LGPL-
Iibstdc++6	libssh-4	0.9.3-2ubuntu2.2	2.1+~OpenSSL,public-domain
BSD-3-snowball	libssl1.1	1.1.1f-1ubuntu2.16	BSD-style
CCO-1.0,Expat,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	libstdc++6	10.3.0-1ubuntu1~20.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
libsystemd0 245.4-4ubuntu3.15 syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain libtasn1-6 4.16.0-2 GFDL-1,GPL-3,LGPL,LGPL-2 libtdb1 1.4.3-0ubuntu0.20.04.1 BSD-3,GPL-3,UF,LGPL-2 libtext-charwidth-perl 0.04-10 Artistic,GPL-1+ libtext-iconv-perl 1.7-7 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 Artistic,GPL-1+ libtinfo6 6.2-0ubuntu2 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2.1+,public-domain CCO-1.0,Expat,GPL-2.1+,public	libstemmer0d	0+svn585-2	BSD-3-snowball
CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain			CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libsystemd0 245.4-4ubuntu3.18 syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain libtasn1-6 4.16.0-2 GFDL-1,GPL-3,LGPL,LGPL-2 libtdb1 1.4.3-0ubuntu0.20.04.1 BSD-3,GPL-3.0+,ISC,LGPL-3.0+,PostgreSQL libtext-charwidth-perl 0.04-10 Artistic,GPL-1+ libtext-iconv-perl 1.7-7 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2-,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2-+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2,GPL-2-+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2-+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL-2-+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CCO-1.0,Expat,GPL-2,GPL	libsystemd0	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
CCO-1.0,Expat,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain libtasn1-6 libt			CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libtasn1-6 libtasn1-8	libsystemd0	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
libtasn1-6 4.16.0-2 GFDL-1,GPL-3,LGPL,LGPL-2 libtdb1 1.4.3-Oubuntu0.20.04.1 BSD-3,GPL-3.0+,ISC,LGPL-3.0+,PostgreSQL libtext-charwidth-perl 0.04-10 Artistic,GPL-1+ libtext-iconv-perl 1.7-7 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 Artistic,GPL-1+ libtinfo6 6.2-Oubuntu2 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain			
libtdb1 1.4.3-0ubuntu0.20.04.1 BSD-3,GPL-3.0+,ISC,LGPL-3.0+,PostgreSQL libtext-charwidth-perl 0.04-10 Artistic,GPL-1+ libtext-iconv-perl 1.7-7 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 Artistic,GPL-1+ libtinfo6 6.2-0ubuntu2 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	· ·	245.4-4ubuntu3	
libtext-charwidth-perl 0.04-10 Artistic,GPL-1+ libtext-iconv-perl 1.7-7 Artistic,GPL-1+ libtext-wrapi18n-perl 0.06-9 Artistic,GPL-1+ libtinfo6 6.2-0ubuntu2 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1  CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	libtasn1-6	4.16.0-2	GFDL-1,GPL-3,LGPL,LGPL-2
libtext-iconv-perl1.7-7Artistic,GPL-1+libtext-wrapi18n-perl0.06-9Artistic,GPL-1+libtinfo66.2-0ubuntu2MIT Licenselibtss2-esys02.3.2-1BSD-2-clause,GPL-3,TCGlibuchardet00.0.6-3build1GPL-2+,LGPL-2.1+,MPL-1.1CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainLibudev1245.4-4ubuntu3.15CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainLibudev1245.4-4ubuntu3.18CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainLibudev1245.4-4ubuntu3Syscall-note exception,LGPL-2.1+,public-domain	libtdb1	1.4.3-0ubuntu0.20.04.1	BSD-3,GPL-3.0+,ISC,LGPL-3.0+,PostgreSQL
libtext-wrapi18n-perl0.06-9Artistic,GPL-1+libtinfo66.2-0ubuntu2MIT Licenselibtss2-esys02.3.2-1BSD-2-clause,GPL-3,TCGlibuchardet00.0.6-3build1GPL-2+,LGPL-2.1+,MPL-1.1CC0-1.0,Expat,GPL-2,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainCC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainlibudev1245.4-4ubuntu3.18CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domainlibudev1245.4-4ubuntu3Syscall-note exception,LGPL-2.1+,public-domain	libtext-charwidth-perl	0.04-10	Artistic,GPL-1+
libtinfo6 6.2-Oubuntu2 MIT License libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	libtext-iconv-perl	1.7-7	Artistic,GPL-1+
libtss2-esys0 2.3.2-1 BSD-2-clause,GPL-3,TCG libuchardet0 0.0.6-3build1 GPL-2+,LGPL-2.1+,MPL-1.1 CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	libtext-wrapi18n-perl	0.06-9	Artistic,GPL-1+
libuchardet0  0.0.6-3build1  GPL-2+,LGPL-2.1+,MPL-1.1  CC0-1.0,Expat,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain  CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain  CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain  CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain	libtinfo6	6.2-0ubuntu2	MIT License
CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain	libtss2-esys0	2.3.2-1	BSD-2-clause,GPL-3,TCG
CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain	libuchardet0	0.0.6-3build1	GPL-2+,LGPL-2.1+,MPL-1.1
CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain			
libudev1 245.4-4ubuntu3.18 syscall-note exception,LGPL-2.1+,public-domain  CCO-1.0,Expat,GPL-2,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain	libudev1	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
libudev1 245.4-4ubuntu3 CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-syscall-note exception,LGPL-2.1+,public-domain			CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libudev1 245.4-4ubuntu3 syscall-note exception,LGPL-2.1+,public-domain	libudev1	245.4-4ubuntu3.18	
			CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
libudisks2-0 2.8.4-1ubuntu2 <u>GPL-2+,LGPL-2+</u>	libudev1	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
	libudisks2-0	2.8.4-1ubuntu2	GPL-2+,LGPL-2+

		FreeSoftware,GFDL-1.2+,GPL-2+,GPL-2+ with
libunistring2	0.9.10-2	distribution exception,GPL-3+,LGPL-3+,MIT
libunwind8	1.2.1-9build1	Expat,GPL-2+
mount winds	1.2.1 3001101	BSD-2-clause,Expat,FSFUL,GPL-2,GPL-2+,GPL-
liburcu6	0.11.1-2	3+,LGPL-2.1,LGPL-2.1+,MIT-MINIMAL
libusb-1.0-0	2:1.0.23-2build1	GPL-2,LGPL-2
libutempter0	1.1.6-4	LGPL-2.1
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
libuuid1	2.34-0.1ubuntu9.3	3+,MIT,public-domain
		BSD-1-clause,BSD-2-clause,BSD-3-clause,CC-BY-
libuv1	1.34.2-1ubuntu1.3	4.0,Expat,GPL-3+,ISC
libvolume-key1	0.3.12-3.1	GPL-2,GPL-2+,LGPL-2.1+,MPL-1.1
libvorbis0a	1.3.6-2ubuntu1	BSD-3-Clause,RFC-special
libvorbisfile3	1.3.6-2ubuntu1	BSD-3-Clause,RFC-special
libwind0-heimdal	7.7.0+dfsg-1ubuntu1	BSD-3-clause,custom,GPL-2+,none
libwrap0	7.6.q-30	BSD-3-Clause License
libx11-6	2:1.6.9-2ubuntu1.2	MIT license
libx11-data	2:1.6.9-2ubuntu1.2	MIT license
libxau6	1:1.0.9-0ubuntu1	MIT License
libxcb1	1.14-2	MIT License
libxdmcp6	1:1.1.3-0ubuntu1	MIT License
libxext6	2:1.3.4-0ubuntu1	MIT License
	2.9.10+dfsg-	
libxml2	5ubuntu0.20.04.4	ISC,MIT-1
	0.1.15-	
libxmlb1	2ubuntu1~20.04.1	CC0-1.0,LGPL-2.1+
libxmlsec1-openssl	1.2.28-2	MIT License
libxmlsec1	1.2.28-2	MIT License
libxmuu1	2:1.1.3-0ubuntu1	MIT License
	1.1.34-	
libxslt1.1	4ubuntu0.20.04.1	MIT License
libxtables12	1.8.4-3ubuntu2	Artistic,custom,GPL-2,GPL-2+
libyaml-0-2	0.2.2-1	<u>Expat,permissive</u>
libzstd1	1.4.4+dfsg-3ubuntu0.1	BSD-3-clause,Expat,GPL-2,GPL-2+,zlib
linux-base	4.5ubuntu3.7	GPL-2
locales	2.31-0ubuntu9.9	GPL-2,LGPL-2
	1:4.8.1-	
login	1ubuntu5.20.04.2	GPL-2
logrotate	3.14.0-4ubuntu3	GPL-2
logsave	1.45.5-2ubuntu1.1	GPL-2,LGPL-2
lsb-base	11.1.0ubuntu2	BSD-3-clause,GPL-2
lsb-release	11.1.0ubuntu2	BSD-3-clause,GPL-2
	02.18.85-	
Ishw	0.3ubuntu2.20.04.1	GPL,

	4.93.2+dfsg-	
Isof	1ubuntu0.20.04.1	BSD-4-clause,GPL-2+,LGPL-2+,Purdue,sendmail
Itrace	0.7.3-6.1ubuntu1	<u>GPL</u>
lvm2	2.03.07-1ubuntu1	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
lxd-agent-loader	0.4	Apache-2
lz4	1.9.2-2ubuntu0.20.04.1	BSD-2-clause,GPL-2,GPL-2+
		BSD-3-clause,BSD-4-clause,Expat,freely-
		redistributable,GPL-2,GPL-2+,henry-spencer-
manpages	5.05-1	regex,LDPv1,public-domain,verbatim
man-db	2.9.1-1	<u>GPL-2+,GPL-3+</u>
mawk	1.3.4.20200120-2	<u>GPL-2,</u>
mdadm	4.1-5ubuntu1.2	GPL-2
mime-support	3.64ubuntu1	ad-hoc,Bellcore
modemmanager	1.18.6-1~ubuntu20.04.1	GPL-2.0,GPL-2.0+,GPL-3.0+,LGPL-2.0+
motd-news-config	11ubuntu5.6	GPL-3.0 License
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-2.1+,LGPL-
mount	2.34-0.1ubuntu9.3	3+,MIT,public-domain
mtr-tiny	0.93-1	<u>GPL-2+</u>
multipath-tools	0.8.3-1ubuntu2	GPL-2,LGPL-2
nano	4.8-1ubuntu1	GFDL-NIV+,GPL-3+
ncurses-base	6.2-0ubuntu2	MIT License
ncurses-bin	6.2-0ubuntu2	MIT License
ncurses-term	6.2-0ubuntu2	MIT License
netbase	6.1	GPL-2
netcat-openbsd	1.206-1ubuntu1	BSD-2-Clause,BSD-3-Clause
	0.104-	
netplan.io	0ubuntu2~20.04.2	<u>GPL-3</u>
networkd-dispatcher	2.1-2~ubuntu20.04.3	<u>GPL-3+</u>
	1:2017.3.23AR.3-	
ntfs-3g	3ubuntu1.2	GPL-2+,LGPL-2+
		Beer-ware,BSD-2-clause,BSD-3-clause,Expat-
openssh-client	1:8.2p1-4ubuntu0.5	
ananah samuan	1.0 2.1 4	
openssn-server	1:8.2p1-4ubuntu0.5	
onenssh-sftn-server	1:8 2n1-4uhuntu0 5	
·		<del>                                     </del>
Орензы	1.1.11-1UDUIILUZ.1U	
open-iscsi	2.0.874-7.1ubuntu6.2	clause, public-domain
openssh-client  openssh-server  openssh-sftp-server openssl  open-iscsi	1:8.2p1-4ubuntu0.5  1:8.2p1-4ubuntu0.5  1:8.2p1-4ubuntu0.5  1:1.1f-1ubuntu2.16  2.0.874-7.1ubuntu6.2	with-advertising-restriction, Mazieres-BSD-style, OpenSSH, Powell-BSD-style, public-domain  Beer-ware, BSD-2-clause, BSD-3-clause, Expat-with-advertising-restriction, Mazieres-BSD-style, OpenSSH, Powell-BSD-style, public-domain  Beer-ware, BSD-2-clause, BSD-3-clause, Expat-with-advertising-restriction, Mazieres-BSD-style, OpenSSH, Powell-BSD-style, public-domain  BSD-style  BSD-3-clause-1, BSD-3-clause-2, BSD-4-clause, GPL-2, GPL-2+, GPL-2+ with Bison exception, Patches-GPL-2+-or-BSD-4-clause, public-domain

	2:11.3.0-	
	2ubuntu0~ubuntu20.04.	BSD-3,GPL-2,GPL-2+,ISC-ibm-and-ibm-
open-vm-tools	3	dhcp,LGPL-2.1,xfree86-1.0
overlayroot	0.45ubuntu2	GPL-3.0+
packagekit-tools	1.1.13-2ubuntu1.1	GPL-2+,LGPL-2.1+
packagekit	1.1.13-2ubuntu1.1	GPL-2+,LGPL-2.1+
parted	3.3-4ubuntu0.20.04.1	GPL-3
	1:4.8.1-	
passwd	1ubuntu5.20.04.2	GPL-2
pastebinit	1.5.1-1	<u>GPL-2+</u>
patch	2.7.6-6	<u>GPL</u>
	1:3.6.4-	
pciutils	1ubuntu0.20.04.1	<u>GPL-2+</u>
pci.ids	0.0~2020.03.20-1	BSD-3-clause,GPL-2+
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-BISON-
		EXCEPTION, HSIEH-BSD, HSIEH-DERIVATIVE, LGPL-
		2.1,REGCOMP,REGCOMP,,RRA-KEEP-THIS-
		NOTICE, SDBM-PUBLIC-DOMAIN, TEXT-
perl-base	5.30.0-9ubuntu0.2	TABS,Unicode,ZLIB
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-BISON-
		EXCEPTION, HSIEH-BSD, HSIEH-DERIVATIVE, LGPL-
		2.1,REGCOMP,REGCOMP,,RRA-KEEP-THIS-
		NOTICE,SDBM-PUBLIC-DOMAIN,TEXT-
perl-modules-5.30	5.30.0-9ubuntu0.2	TABS,Unicode,ZLIB
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-BISON-
		EXCEPTION, HSIEH-BSD, HSIEH-DERIVATIVE, LGPL-
		2.1,REGCOMP,REGCOMP,,RRA-KEEP-THIS-
		NOTICE, SDBM-PUBLIC-DOMAIN, TEXT-
perl	5.30.0-9ubuntu0.2	TABS,Unicode,ZLIB
pinentry-curses	1.1.0-3build1	<u>GPL-2,GPL-2+,LGPL-3+,X11</u>
plymouth-theme-	0.9.4git20200323-	
ubuntu-text	0ubuntu6.2	GPL-2+,other
	0.9.4git20200323-	
plymouth	0ubuntu6.2	<u>GPL-2+,other</u>

policykit-1	0.105-26ubuntu1.3	Apache-2.0,LGPL-2.0+
pollinate	4.33-3ubuntu1.20.04.1	GPL-3
popularity-contest	1.69ubuntu1	GPL
powermgmt-base	1.36	GPL-2+
procps	2:3.3.16-1ubuntu2.3	GPL-2.0+,LGPL-2.0+,LGPL-2.1+
psmisc	23.3-1	GPL-2+
publicsuffix	20200303.0012-1	CC0,MPL-2.0
python3-apport	2.20.11-0ubuntu27.24	GPL-2+
python3-apt	2.0.0ubuntu0.20.04.3	GPL-2+,Permissive
python3-apt	2.0.0ubuntu0.20.04.8	GPL-2+,Permissive
python3-apt	2.0.0	GPL-2+,Permissive
python3-attr	19.3.0-2	Expat
python3-automat	0.8.0-1ubuntu1	Expat
python3-blinker	1.4+dfsg1-0.3ubuntu1	BSD,BSD3,Expat
python3-certifi	2019.11.28-1	GPL-2,MPL-2
python3-cffi-backend	1.14.0-1build1	Expat
python3-chardet	3.0.4-4build1	LGPL-2.1+
python3-click	7.0-3	BSD-3-clause
python3-colorama	0.4.3-1build1	BSD-3,GPL-2+
python3-		
commandnotfound	20.04.6	<u>GPL</u>
python3-configobj	5.0.6-4	BSD-3-clause
python3-constantly	15.1.0-1build1	CCO,MIT
python3-cryptography	2.8-3ubuntu0.1	<u>Apache,Expat</u>
python3-dbus	1.2.16-1build1	AFL-2.1,Expat,GPL-2+
python3-debconf	1.5.73	BSD-2-clause
python3-debian	0.1.36ubuntu1	<u>GPL-2+,GPL-3+</u>
python3-distro-info	0.23ubuntu1	<u>ISC</u>
python3-distro	1.4.0-1	Apache-2.0
python3-distupgrade	1:20.04.18	Expat,GPL-2+
python3-distupgrade	1:20.04.39	Expat,GPL-2+
python3-distutils	3.8.10-0ubuntu1~20.04	GPL-compatible,GPL-compatible licenses
python3-entrypoints	0.3-2ubuntu1	<u>Expat</u>
python3-gdbm	3.8.10-0ubuntu1~20.04	GPL-compatible,GPL-compatible licenses
python3-gi	3.36.0-1	Expat,LGPL-2.1+
python3-hamcrest	1.9.0-3	BSD-3-clause,GPL-3
python3-httplib2	0.14.0-1ubuntu1	BSD-3,Expat,GPL-2+,GPL-3+,LGPL-2.1+,MPL-1.1
python3-hyperlink	19.0.0-1	<u>Expat</u>
python3-idna	2.8-1	BSD-3-clause,PSF-2,Unicode
python3-importlib-		
metadata	1.5.0-1	Apache-2
python3-incremental	16.10.1-3.2	MIT
python3-jinja2	2.10.1-2	<u>GPL</u>

nython2 iconnatch	1 22 2	DCD 2 clauses
python3-jsonpatch	1.23-3 3.2.0-0ubuntu2	BSD-3-clauses
python3-jsonschema	2.0-0ubuntu2	GPL-2+,MIT BSD-3-clauses
python3-json-pointer		<del>                                     </del>
python3-jwt	1.7.1-2ubuntu2.1	Expat
python3-keyring	18.0.1-2ubuntu1	Expat,GPL-3,PSF-2
python3-launchpadlib	1.10.13-1	LGPL-3.0,LGPL-3.0+
python3- lazr.restfulclient	0.14.2-2build1	1CDL 2 0 1CDL 2 0 1
python3-lazr.uri	1.0.3-4build1	<u>LGPL-3.0,LGPL-3.0+</u> LGPL-3.0
python3-lib2to3	3.8.10-0ubuntu1~20.04	<del> </del>
- ' <i>'</i>	1.1.0-1build2	GPL-compatible,GPL-compatible licenses BSD-3-Clause License
python3-markupsafe		
python3-minimal	3.8.2-0ubuntu2	GPL-compatible,GPL-compatible licenses
python3-more-itertools	4.2.0-1build1	MIT-style
python3-nacl	1.3.0-5	Apache, Expat, ISC
python3-netifaces	0.10.4-1ubuntu4	MIT-style
python3-newt	0.52.21-4ubuntu2	LGPL-2
python3-oauthlib	3.1.0-1ubuntu2	BSD-3-clause
python3-openssl	19.0.0-1build1	Apache-2.0,public-domain
python3-pexpect	4.6.0-1build1	<u>ISC</u>
python3-pkg-resources	45.2.0-1	GPL-compatible,GPL-compatible licenses
python3-problem-	2 20 44 0 1 1 27 24	CDL 2
report	2.20.11-0ubuntu27.24	GPL-2+
python3-ptyprocess	0.6.0-1ubuntu1	<u>ISC</u>
python3-pyasn1- modules	0.2.1-0.2build1	PSD 2 Clause PSD 2 Clause
		BSD-2-Clause,BSD-3-Clause
python3-pyasn1	0.4.2-3build1 0.13.0-3	BSD-2-clause,GPL-2+
python3-pymacaroons		Expat
python3-pyrsistent	0.15.5-1build1	BSD-3-clause,MIT
python3-requests- unixsocket	0.2.0-2	Apache-2
python3-requests	2.22.0-2ubuntu1	Apache Apache
python3-requests	2.3.1-2ubuntu1	BSD-3-clause
python3-secretstorage	3.4-5.1	BSD-3-Clause License
python3-service-	3.4-3.1	B3D-3-Clause Licerise
identity	18.1.0-5build1	Expat
python3-setuptools	45.2.0-1	GPL-compatible,GPL-compatible licenses
python3-simplejson	3.16.0-2ubuntu2	MIT
python3-six	1.14.0-2	Expat
python3-software-	1.17.0-2	LAPUL
properties	0.99.9.8	GPL-2+,GPL-3,LGPL-3
python3-systemd	234-3build2	LGPL-2.1+
P / C. IO. IO Systema	18.9.0-	
python3-twisted-bin	11ubuntu0.20.04.2	Expat
python3-twisted-bin	18.9.0-11	Expat
P, C. O. I. CHISCON DIT		

	18.9.0-	
python3-twisted	11ubuntu0.20.04.2	Expat
python3-update-	110001100.20.04.2	Expat
manager	1:20.04.9	GPL,LGPL
python3-update-	1.20.04.9	<u>GFL,LGFL</u>
manager	1:20.04.10.10	GPL,LGPL
python3-urllib3	1.25.8-2ubuntu0.1	<u> </u>
. ,	1.3.3-3build1	Expat,PSF-2
python3-wadllib		LGPL-3.0
python3-yaml	5.3.1-1ubuntu0.1	MIT License
python3-zipp	1.0.0-1	Expat
python3-zope.interface	4.7.1-1	<u>Zope-2.1</u>
	3.8.10-	
python3.8-minimal	0ubuntu1~20.04.5	Python License
	3.8.10-	
python3.8	0ubuntu1~20.04.5	Python License
		Python Software Foundation License (PSF
python3	3.8.2-0ubuntu2	License
python-apt-common	2.0.0ubuntu0.20.04.3	<u>GPL-2+,Permissive</u>
python-apt-common	2.0.0ubuntu0.20.04.8	<u>GPL-2+,Permissive</u>
python-apt-common	2.0.0	<u>GPL-2+,Permissive</u>
readline-common	8.0-4	GFDL,GPL-3
rsync	3.1.3-8ubuntu0.4	GPL-3
rsyslog	8.2001.0-1ubuntu1.3	Apache-2.0,BSD-3-clause,GPL-3.0+,LGPL-3.0+
rsyslog	8.2001.0-1ubuntu1	Apache-2.0,BSD-3-clause,GPL-3.0+,LGPL-3.0+
run-one	1.17-0ubuntu1	GPL-3
		CCO,GPL-3+,GPL-3+ with OpenSSL
sbsigntool	0.9.2-2ubuntu1.1	exception,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT
_		CC0,GPL-3+,GPL-3+ with OpenSSL
sbsigntool	0.9.2-2ubuntu1	exception,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT
screen	4.8.0-1ubuntu0.1	GPL-3+
secureboot-db	1.5	GPL-3+
sed	4.7-1	GPL-3
sensible-utils	0.0.12+nmu1	All-permissive,configure,GPL-2+,installsh
sg3-utils-udev	1.44-1ubuntu2	GPL
sg3-utils	1.44-1ubuntu2	GPL
shared-mime-info	1.15-1	GPL
snapd	2.55.5+20.04	GPL-3
software-properties-	2.33.3120.04	0120
common	0.98.9.2	GPL-2+,GPL-3,LGPL-3
software-properties-	3.30.3.2	<u> </u>
common	0.98.9	GPL-2+,GPL-3,LGPL-3
software-properties-	5.55.5	<u></u>
common	0.99.9.8	GPL-2+,GPL-3,LGPL-3
sosreport	3.9-1ubuntu2	GPL-2,GPL-2+
sosreport	4.3-1ubuntu0.20.04.1	GPL-2,GPL-2+
3031 CPOIL	7.5 TUDUITUU.20.04.1	OI L Z/OI L Z !

sound-theme-		
freedesktop	0.8-2ubuntu1	CC-BY-3.0,CC-BY-SA-3.0,GPL-2,GPL-2+
squashfs-tools	1:4.4-1ubuntu0.3	GPL-2+
squashfs-tools	1:4.4-1	GPL-2+
ssh-import-id	5.10-0ubuntu1	GPL-3
strace	5.5-3ubuntu1	LGPL-2.1 License
sudo	1.8.31-1ubuntu1.2	ISC License
3440	1.0.51 10501101.2	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-sysv	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
,		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-sysv	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-sysv	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-timesyncd	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-timesyncd	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd-timesyncd	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
	245 4 4 1 245	CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
avatara d	245 4 4	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
systemd	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
systemd	245.4-4ubuntu3	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux- syscall-note exception,LGPL-2.1+,public-domain
sysvinit-utils	2.96-2.1ubuntu1	GPL-2+
Sysvillit-utils	1.30+dfsg-	GFL-ZT
tar	7ubuntu0.20.04.2	GPL-2,GPL-3
tcpdump	4.9.3-4ubuntu0.1	4-clause BSD license,BSD license
telnet	0.17-41.2build1	BSD-3-Clause License
thin-provisioning-tools	0.8.5-4build1	GPL-2+,GPL-3+
time	1.7-25.1build1	freely redistributable,GPL-2+
tmux	3.0a-2ubuntu0.3	BSD-2
tpm-udev	0.4	BSD-2-clause
tzdata	2022c-0ubuntu0.20.04.0	ICU
ubuntu-advantage-	20220-000011100.20.04.0	ico
tools	20.3	GPL-3.0
ubuntu-advantage-	20.5	<u> </u>
tools	27.10.1~20.04.1	GPL-3.0
ubuntu-keyring	2020.02.11.2	GPL,
ubuntu-keyring	2020.02.11.4	GPL,
ubuntu-minimal	1.450.2	GPL-2
ubuntu-minimal	1.45	GPL-2
ubuntu-release-	1.73	5122
upgrader-core	1:20.04.18	Expat,GPL-2+
applanci cole	1.20.07.10	LAPAGOT L Z I

ubuntu-release-		
upgrader-core	1:20.04.39	Expat,GPL-2+
ubuntu-server	1.450.2	GPL-2
ubuntu-server	1.45	GPL-2
ubuntu-standard	1.450.2	GPL-2
ubuntu-standard	1.45	GPL-2
ucf	3.0038+nmu1	GPL-2
uci	3.0030+IIIIIU1	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
udev	245.4-4ubuntu3.15	syscall-note exception,LGPL-2.1+,public-domain
uuev	245.4-4ubuntu5.15	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
udev	245.4-4ubuntu3.18	syscall-note exception,LGPL-2.1+,public-domain
ducv	2 13.1 100011003.10	CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with Linux-
udev	245.4-4ubuntu3	syscall-note exception,LGPL-2.1+,public-domain
udisks2	2.8.4-1ubuntu1	GPL-2+,LGPL-2+
udisks2	2.8.4-1ubuntu2	GPL-2+,LGPL-2+
ufw	0.36-6ubuntu1	BSD-3-clause,GPL-3
unattended-upgrades	2.3ubuntu0.3	GPL-2+
unattended-upgrades	2.3	GPL-2+
update-manager-core	1:20.04.10.10	GPL,LGPL
update-notifier-	1.20.04.10.10	<u>GF E,EGF E</u>
common	3.192.30.11	GPL-3.0 License
update-notifier-	3.132.30.11	GI E 3.0 EICCIDC
apaate notine		
common	3.192.30	GPL-3.0 License
common usbutils	3.192.30 1:012-2	GPL-3.0 License GPL-2
		GPL-2
usbutils	1:012-2 20191128-3	GPL-2 GPL-2
usbutils usb-modeswitch-data usb-modeswitch	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3	GPL-2 GPL-2 BSD-2-clause,GPL-2+
usbutils usb-modeswitch-data	1:012-2 20191128-3	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2
usbutils usb-modeswitch-data usb-modeswitch	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
usbutils usb-modeswitch-data usb-modeswitch	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-
usbutils usb-modeswitch-data usb-modeswitch usb.ids	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
usbutils usb-modeswitch-data usb-modeswitch usb.ids	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  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
usbutils usb-modeswitch-data usb-modeswitch usb.ids	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-22,LGPL-2.1+,LGPL-3+,MIT,public-domain  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-2,LGPL-2.1+,LGPL-2,LGPL-2.1+
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  BSD-2-clause,GPL-2+  GPL-2  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT,public-domain  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT,public-domain  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux uuid-runtime	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT,public-domain  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux uuid-runtime	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-1-1+,GPL-1-1+,
usbutils usb-modeswitch-data usb-modeswitch usb.ids  util-linux  uuid-runtime  vim-common	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3 2.34-0.1ubuntu9.3 2:8.1.2269-1ubuntu5.9	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-1-,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-1-,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-1-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux uuid-runtime	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-2,GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+,MIT,public-domain  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
usbutils usb-modeswitch-data usb-modeswitch usb.ids  util-linux  uuid-runtime  vim-common	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3 2.34-0.1ubuntu9.3 2:8.1.2269-1ubuntu5.9	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-
usbutils usb-modeswitch-data usb-modeswitch usb.ids  util-linux  uuid-runtime  vim-common	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3 2.34-0.1ubuntu9.3 2:8.1.2269-1ubuntu5.9	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-1+,GPL-2,GPL-1+,GPL-2,GPL-1+,GPL-2,GPL-1+,GPL-1+,GPL-2,GPL-1+,GPL-1+,GPL-2,GPL-1+,GPL-2,GPL-1+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-2+,GPL-1+,GPL-
usbutils usb-modeswitch-data usb-modeswitch usb.ids util-linux uuid-runtime	1:012-2 20191128-3 2.5.2+repack0-2ubuntu3 2020.03.19-1 2.34-0.1ubuntu9.3 2.34-0.1ubuntu9.3 2:8.1.2269-1ubuntu5.9	GPL-2  BSD-2-clause,GPL-2+  GPL-2  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  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  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-2+,LGPL-2.1+,OPL-1+,public-domain,SRA,UC,Vim,Vim-Regexp,X11,XPM  Apache,Artistic-1,BSD-2-clause,BSD-3-

		A control Author 4 pep 2 de la pep 2
		Apache,Artistic-1,BSD-2-clause,BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
		2+,LGPL-2.1+,OPL-1+,public-
vim-tiny	2:8.1.2269-1ubuntu5.9	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
		2+,LGPL-2.1+,OPL-1+,public-
vim	2:8.1.2269-1ubuntu5.9	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
		2+,LGPL-2.1+,OPL-1+,public-
vim	2:8.1.2269-1ubuntu5	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
wget	1.20.3-1ubuntu1	GFDL-1,GPL-3
wget	1.20.3-1ubuntu2	GFDL-1,GPL-3
whiptail	0.52.21-4ubuntu2	LGPL-2
xauth	1:1.1-0ubuntu1	MIT License
xdg-user-dirs	0.17-2ubuntu1	GPL-2
xfsprogs	5.3.0-1ubuntu2	GPL,LGPL-2
xkb-data	2.29-2	MIT License
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
		2+,LGPL-2.1+,OPL-1+,public-
xxd	2:8.1.2269-1ubuntu5.9	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-2,GPL-
		2+,LGPL-2.1+,OPL-1+,public-
xxd	2:8.1.2269-1ubuntu5	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Autoconf,config-h,GPL-2,GPL-2+,LGPL-
		2.1+,noderivs,none,PD,PD-debian,permissive-
xz-utils	5.2.4-1ubuntu1.1	<u>fsf,permissive-nowarranty,probably-PD</u>
zerofree	1.1.1-1	<u>GPL-2+</u>
	1:1.2.11.dfsg-	
zlib1g	2ubuntu1.3	<u>Zlib</u>

# NGE Open source license Ubuntu 22.04

<b>Component Name</b>	Version	License
adduser	3.118ubuntu5	GPL-2
apparmor	3.0.4-2ubuntu2.1	BSD-3-clause,GPL-2,GPL-2+,LGPL-2.1+
apport-symptoms	0.24	GPL-2+
apport	2.20.11-0ubuntu82.1	<u>GPL-2+</u>
apt-utils	2.4.7	GPLv2+
apt	2.4.7	GPLv2+
base-files	12ubuntu4.2	GPL-3.0 License

base-passwd	3.5.52build1	GPL-2,public-domain
bash-completion	1:2.11-5ubuntu1	GPL-2+
bash	5.1-6ubuntu1	GPL-3
bcache-tools	1.0.8-4ubuntu3	GPL-2,GPL-2+,PostgreSQL
beache tools	1.0.0 100011100	GPL-2.0+,GPL-2.0+ with Texinfo
		exception,permissive,permissive',public-
bc	1.07.1-3build1	domain,X11
		BSD-2-clause,BSD-3-clause,CC0-1.0,ISC,MPL-
bind9-dnsutils	1:9.18.1-1ubuntu1.2	2.0,public-domain
		BSD-2-clause,BSD-3-clause,CC0-1.0,ISC,MPL-
bind9-host	1:9.18.1-1ubuntu1.2	2.0,public-domain
		BSD-2-clause,BSD-3-clause,CC0-1.0,ISC,MPL-
bind9-libs	1:9.18.1-1ubuntu1.2	2.0,public-domain
binutils-common	2.38-3ubuntu1	GFDL,GPL,LGPL
binutils-x86-64-		
linux-gnu	2.38-3ubuntu1	GFDL,GPL,LGPL
binutils	2.38-3ubuntu1	<u>GFDL,GPL,LGPL</u>
bolt	0.9.2-1	<u>LGPL-2.1+</u>
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
	_	2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
bsdextrautils	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
Land 121	4 2 2 7 2 4 1 1 2	2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
bsdutils	1:2.37.2-4ubuntu3	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	GPL-2
busybox-static	1:1.30.1-7ubuntu3	GPL-2
byobu	5.133-1	GPL-3
ca-certificates	20211016	<u>GPL-2+,MPL-2.0</u>
cloud-guest-utils	0.32-22-g45fe84a5-0ubuntu1	GPL-3
cloud-initramfs-		
copymods	0.47ubuntu1	<u>GPL-3.0+</u>
cloud-initramfs-dyn-		
netconf	0.47ubuntu1	GPL-3.0+
cloud-init	22.2-0ubuntu1~22.04.3	Apache-2.0,GPL-3
command-not-found	22.04.0	<u>GPL-3+</u>
console-setup-linux	1.205ubuntu3	GPL-2
console-setup	1.205ubuntu3	GPL-2
coreutils	8.32-4.1ubuntu1	GPL-3.0 License
cpio	2.13+dfsg-7	GPL-3
cron	3.0pl1-137ubuntu3	Artistic,GPL-2+,ISC,Paul-Vixie's-license
		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup-bin	2:2.4.3-1ubuntu1.1	exception, public-domain

		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup-initramfs	2:2.4.3-1ubuntu1.1	exception,public-domain
,, ,		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
cryptsetup	2:2.4.3-1ubuntu1.1	exception,public-domain
		BSD-3-Clause,BSD-4-
curl	7.81.0-1ubuntu1.4	Clause,curl,ISC,other,public-domain
	0.5.11+git20210903+057cd65	BSD-3-Clause,Expat,FSFUL,FSFULLR,GPL-
dash	0a4ed-3build1	<u>2+,public-domain</u>
		AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause-
		generic,Expat,g10-permissive,GPL-2+,Tcl-
dbus-user-session	1.12.20-2ubuntu4	<u>BSDish</u>
		AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause-
		generic,Expat,g10-permissive,GPL-2+,Tcl-
dbus	1.12.20-2ubuntu4	BSDish
debconf-i18n	1.5.79ubuntu1	BSD-2-clause
debconf	1.5.79ubuntu1	BSD-2-clause
debianutils	5.5-1ubuntu2	GPL-2
diffutils	1:3.8-0ubuntu2	GFDL,GPL
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
dirmngr	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
distro-info-data	0.52ubuntu0.1	ISC
distro-info	1.1build1	<u>ISC</u>
dmeventd	2:1.02.175-2.1ubuntu4	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
dmidecode	3.3-3	GPL-2+
dmsetup	2:1.02.175-2.1ubuntu4	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
dosfstools	4.2-1build3	GPL-3+,public-domain
		BSD-2-clause,GPL-2,GPL-2+,public-domain-
dpkg	1.21.1ubuntu2.1	md5,public-domain-s-s-d
e2fsprogs	1.46.5-2ubuntu1.1	GPL-2,LGPL-2
eatmydata	130-2build1	GPL-3+
		BSD-2-Clause,FCONF,FDOC,FLOG,GFDL-NIV-
ed	1.18-1	<u>1.3+,GPL-2+,GPL-3+</u>
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
eject	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
ethtool	1:5.16-1	GPL-2
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
fdisk	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
		BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-
		2-Clause-regents,MIT-Old-Style-with-legal-
file	1:5.41-3	disclaimer-2,public-domain
finalrd	9build1	<u>GPL-3</u>

findutils	4.8.0-1ubuntu3	GFDL-1,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+
		BSD-2-clause,BSD-3-clause,BSD-4-
		Clause, Expat, FSFAP, FSFULLR, GPL-2+, GPL-2+
		with Autoconf-data exception, GPL-2+ with
		<u>libtool exception,GPL-3+ with Autoconf-data</u>
ftp	20210827-4build1	<u>exception,ISC,Unlicense</u>
fuse3	3.10.5-1build1	<u>GPL-2,GPL-2+,LGPL-2.1</u>
fwupd-signed	1.44+1.2-3	<u>GPL-2.0+,GPL-3+</u>
fwupd	1.7.5-3	CCO-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
gawk	1:5.1.0-1build3	GPL-3+
gcc-12-base	12.1.0-2ubuntu1~22.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
gdisk	1.0.8-4build1	LGPL-2.0+
gettext-base	0.21-4ubuntu4	GFDL,GPL,LGPL
gir1.2-glib-2.0	1.72.0-1	BSD-2-clause,GPL-2+,LGPL-2+,MIT
gir1.2-		
packagekitglib-1.0	1.2.5-2ubuntu2	GPL-2+,LGPL-2.1+
		Apache-2.0,Artistic-1,Boost,dlmalloc,EDL-
		1.0,Expat,GPL-1+,GPL-2,GPL-2+,ISC,LGPL-
git-man	1:2.34.1-1ubuntu1.4	2+,LGPL-2.1+,mingw-runtime
		Apache-2.0,Artistic-1,Boost,dlmalloc,EDL-
		1.0,Expat,GPL-1+,GPL-2,GPL-2+,ISC,LGPL-
git	1:2.34.1-1ubuntu1.4	2+,LGPL-2.1+,mingw-runtime
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
140		2.1+,LGPL-3+,permissive,RFC-
gnupg-l10n	2.2.27-3ubuntu2.1	Reference, TinySCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
anung utile	2.2.27-3ubuntu2.1	2.1+,LGPL-3+,permissive,RFC-
gnupg-utils	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME BSD-3-clause, CCO-1.0, Expat, GPL-3+, LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gnupg	2.2.27-3ubuntu2.1	Reference, TinySCHEME
griupg	Z.Z.Z7 SubuntuZ.1	BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgconf	2.2.27-3ubuntu2.1	Reference, TinySCHEME
01-0		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgsm	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpgv	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-agent	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME

		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-wks-client	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
0, 0		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg-wks-server	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
		BSD-3-clause,CC0-1.0,Expat,GPL-3+,LGPL-
		2.1+,LGPL-3+,permissive,RFC-
gpg	2.2.27-3ubuntu2.1	Reference, Tiny SCHEME
grep	3.7-1build1	<u>GPL-3+</u>
groff-base	1.22.4-8build1	GFDL-1,GPL-3
		FSF-manpages,GFDL-1.3+-no-invariant,GPL-
gzip	1.10-4ubuntu4	<u>3+</u>
hdparm	9.60+ds-1build3	BSD-2-clause,GPL-2+,hdparm
hostname	3.23ubuntu2	GPL-2
htop	3.0.5-7build2	GPL-2+
info	6.8-4build1	GFDL-1,GPL-3
initramfs-tools-bin	0.140ubuntu13	GPL-2
initramfs-tools-core	0.140ubuntu13	GPL-2
initramfs-tools	0.140ubuntu13	GPL-2
init-system-helpers	1.62	BSD-3-clause,GPL-2+
init	1.62	BSD-3-clause,GPL-2+
install-info	6.8-4build1	GFDL-1,GPL-3
iproute2	5.15.0-1ubuntu2	GPL-2
iptables	1.8.7-1ubuntu5	Artistic,custom,GPL-2,GPL-2+
iputils-ping	3:20211215-1	GPL
iputils-tracepath	3:20211215-1	GPL
irgbalance	1.8.0-1build1	GPL-2
isc-dhcp-client	4.4.1-2.3ubuntu2.2	GPL-2,MPL-2.0
isc-dhcp-common	4.4.1-2.3ubuntu2.2	GPL-2,MPL-2.0
iso-codes	4.9.0-1	LGPL-2.1+
kbd	2.3.0-3ubuntu4	GPL-2+,GPL-2-with-exceptions,GPL-any
keyboard-		
configuration	1.205ubuntu3	GPL-2
klibc-utils	2.0.10-4	GPL-2
kmod	29-1ubuntu1	GPL-2,LGPL-2
kpartx	0.8.8-1ubuntu1	GPL-2,LGPL-2
landscape-common	19.12-0ubuntu13	GPL-2
less	590-1build1	GPL-3
libacl1	2.3.1-1	GPL-2+,LGPL-2+
libaio1	0.3.112-13build1	LGPL-2.1+
libapparmor1	3.0.4-2ubuntu2.1	BSD-3-clause,GPL-2,GPL-2+,LGPL-2.1+
libappstream4	0.15.2-2	FSFAP,GPL-2+,LGPL-2.1+,SIL-1.1
libapt-pkg6.0	2.4.7	GPLv2+
	=	

		Apache-2.0,BSD-124-clause-UCB,BSD-1-
		clause-UCB,BSD-2-clause,BSD-3-clause-
libarchive13	3.6.0-1ubuntu1	UCB,BSD-4-clause-UCB,Expat,PD
libargon2-1	0~20171227-0.3	Apache-2.0,CC0
	0 2027 2227 030	GAP,GAP~FSF,GPL-2+,GPL-2+ with libtool
libassuan0	2.5.5-1build1	exception,GPL-3+,LGPL-2.1+,LGPL-3+
libatasmart4	0.19-5build2	GPL-3,LGPL-2
libatm1	1:2.5.1-4build2	GPL-2.0 License
libattr1	1:2.5.1-1build1	GPL-2+,LGPL-2+
libaudit1	1:3.0.7-1build1	GPL-2,LGPL-2.1
libaudit-common	1:3.0.7-1build1	GPL-2,LGPL-2.1
libbinutils	2.38-3ubuntu1	GFDL,GPL,LGPL
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
libblkid1	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
libblockdev2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-crypto2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-fs2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-loop2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-part2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-part-		
err2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-swap2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
libblockdev-utils2	2.26-1	<u>GPL-2+,LGPL-2.1+</u>
		BSD-2-Clause, GPL-2+, GPL-2.0, GPL-2 with
libbpf0	1:0.5.0-1	<u>Linux-syscall-note exception, LGPL-2.1</u>
libbrotli1	1.0.9-2build6	MIT
		Beerware,BSD-2-clause,BSD-2-clause-
		author,BSD-2-clause-NetBSD,BSD-2-clause-
		verbatim,BSD-3-clause,BSD-3-clause
		author,BSD-3-clause-John-Birrell,BSD-3-
		<u>clause-Regents, BSD-4-clause-Christopher-G-</u> Demetriou, BSD-4-clause-Niels-Provos, BSD-5-
		clause-Peter-Wemm, Expat, ISC, ISC-
libbsd0	0.11.5-1	Original, public-domain
libbz2-1.0	1.0.8-5build1	BSD-variant,GPL-2
libc6	2.35-0ubuntu3.1	GFDL-1,GPL-2,LGPL-2
libcap2-bin	1:2.44-1build3	BSD-3-clause,GPL-2,GPL-2+
libcap2	1:2.44-1build3	BSD-3-clause,GPL-2,GPL-2+
libcap-ng0	0.7.9-2.2build3	GPL-2,GPL-3,LGPL-2
libcap-ngo	0.7.9-2.2build3 0.8.0-2ubuntu1	<u> </u>
libcboro.8	1.46.5-2ubuntu1.1	Apache-2.0,Expat
		GPL-2,LGPL-2
libcrypt1	1:4.4.27-1	LGPL-2.1 License

		Apache-2.0,CC0,GPL-2+,GPL-2+ with OpenSSL
		exception,LGPL-2.1+,LGPL-2.1+ with OpenSSL
libcryptsetup12	2:2.4.3-1ubuntu1.1	exception,public-domain
libctf0	2.38-3ubuntu1	GFDL,GPL,LGPL
libctf-nobfd0	2.38-3ubuntu1	GFDL,GPL,LGPL
		BSD-3-Clause,BSD-4-
libcurl3-gnutls	7.81.0-1ubuntu1.4	Clause, curl, ISC, other, public-domain
_		BSD-3-Clause,BSD-4-
libcurl4	7.81.0-1ubuntu1.4	Clause, curl, ISC, other, public-domain
libc-bin	2.35-0ubuntu3.1	GFDL-1,GPL-2,LGPL-2
libdb5.3	5.3.28+dfsg1-0.8ubuntu3	Sleepycat License
		AFL-2.1,AFL-2.1,,BSD-3-clause,BSD-3-clause-
		generic, Expat, g10-permissive, GPL-2+, Tcl-
libdbus-1-3	1.12.20-2ubuntu4	<u>BSDish</u>
libdebconfclient0	0.261ubuntu1	<u>public domain</u>
libdevmapper1.02.1	2:1.02.175-2.1ubuntu4	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
libdevmapper-		
event1.02.1	2:1.02.175-2.1ubuntu4	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,MPL-2.0
libdrm2	2.4.110-1ubuntu1	MIT License
libdrm-common	2.4.110-1ubuntu1	MIT License
libdw1	0.186-1build1	GPL-2,GPL-3,LGPL-3
libeatmydata1	130-2build1	GPL-3+
libedit2	3.1-20210910-1build1	BSD-3-clause
libefiboot1	37-6ubuntu2	GPL-2.0+,LGPL-2.0+
libefivar1	37-6ubuntu2	GPL-2.0+,LGPL-2.0+
libelf1	0.186-1build1	GPL-2,GPL-3,LGPL-3
liberror-perl	0.17029-1	Artistic,GPL-1+,MIT/X11
libestr0	0.1.10-2.1build3	LGPL-2
		BSD-2-clause,BSD-3-clause,BSD-3-
		Clause~Kitware,BSL,curl,Expat,FSFUL,FSFULLR
libevent-core-2.1-7	2.1.12-stable-1build3	,FSFULLR-No-Warranty,GPL-2+,GPL-3+,ISC
libexpat1	2.4.7-1	MIT
libext2fs2	1.46.5-2ubuntu1.1	GPL-2,LGPL-2
libfastjson4	0.99.9-1build2	Apache-2.0,Expat
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
libfdisk1	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
libffi8	3.4.2-4	<u>GPL</u>
libfido2-1	1.10.0-1	BSD-2-clause,ISC,public-domain
libflashrom1	1.2-5build1	GPL-2
		BSD-3-Clause,BSL-1.0,FSFAP,FTL,GPL-2+,GPL-
		3+,MIT,OpenGroup-BSD-like,Public-
libfreetype6	2.11.1+dfsg-1ubuntu0.1	<u>Domain,Zlib</u>
libfribidi0	1.0.8-2ubuntu3.1	<u>LGPL-2.1+</u>

libftdi1-2	1.5-5build3	GPL-2,LGPL-2
libfuse3-3	3.10.5-1build1	GPL-2,GPL-2+,LGPL-2.1
libfwupd2	1.7.5-3	CC0-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
libfwupdplugin5	1.7.5-3	CC0-1.0,LGPL-2.1+,LGPL-2.1+ OR MIT,MIT
libgcab-1.0-0	1.4-3build2	LGPL-2.0+, LGPL-2.1+
libgcc-s1	12.1.0-2ubuntu1~22.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
libgcrypt20	1.9.4-3ubuntu3	GPL-2,LGPL
libgdbm6	1.23-1	GFDL-NIV-1.3+,GPL-2+,GPL-3+
libgdbm-compat4	1.23-1	GFDL-NIV-1.3+,GPL-2+,GPL-3+
libgirepository-1.0-1	1.72.0-1	BSD-2-clause,GPL-2+,LGPL-2+,MIT
libglib2.0-0	2.72.1-1	Expat
libglib2.0-bin	2.72.1-1	Expat
libglib2.0-data	2.72.1-1	Expat
libgmp10	2:6.2.1+dfsg-3ubuntu1	GPL,GPL-2,GPL-3,LGPL-3
libgnutls30	3.7.3-4ubuntu1.1	Apache-20
libgpgme11	1.16.0-1.2ubuntu4	GPL-2+,GPL-3+,LGPL-2+,LGPL-2.1+,LGPL-3+
010		BSD-3-clause,g10-permissive,GPL-3+,LGPL-
libgpg-error0	1.43-3	<u>2.1+</u>
libgpm2	1.20.7-10build1	GPL-2.0+,GPL-3.0+
libgssapi-krb5-2	1.19.2-2	GPL-2
libgstreamer1.0-0	1.20.3-0ubuntu1	GPL-2+
libgudev-1.0-0	1:237-2build1	LGPL-2+
libgusb2	0.3.10-1	GPL-2.0+,LGPL-2.1+
		Expat,GAP,GPL-2,GPL-2+,GPL-3+,GPL-3+ with
		Autoconf exception,LGPL-2+,LGPL-3+,public-
libhogweed6	3.7.3-1build2	domain
libicu70	70.1-2	GPL-3,MIT
libidn2-0	2.3.2-2build1	GPL-2+,GPL-3+,LGPL-3+,Unicode
libinih1	53-1ubuntu3	BSD-3-Clause
libintl-perl	1.26-3build2	Artistic,GPL-1+,GPL-3+
libintl-xs-perl	1.26-3build2	Artistic,GPL-1+,GPL-3+
libip4tc2	1.8.7-1ubuntu5	Artistic,custom,GPL-2,GPL-2+
libip6tc2	1.8.7-1ubuntu5	Artistic,custom,GPL-2,GPL-2+
libisc-export1105	1:9.11.19+dfsg-2.1ubuntu3	BSD-2-clause,BSD-3-clause,ISC,MPL-2.0
libisns0	0.101-0ubuntu2	Expat,LGPL-2.1+
libjansson4	2.13.1-1.1build3	Expat
libjcat1	0.1.9-1	<u>LGPL-2.1+</u>
libjson-c5	0.15-3~ubuntu1.22.04.1	<u>Expat</u>
libjson-glib-1.0-0	1.6.6-1build1	<u>LGPL-2.1+</u>
libjson-glib-1.0-		
common	1.6.6-1build1	<u>LGPL-2.1+</u>
libk5crypto3	1.19.2-2	GPL-2
libkeyutils1 libklibc	1.6.1-2ubuntu3	GPL-2+,LGPL-2+
	2.0.10-4	GPL-2

libkmod2	29-1ubuntu1	GPL-2,LGPL-2
libkrb5support0	1.19.2-2	GPL-2
libkrb5-3	1.19.2-2	GPL-2
libksba8	1.19.2-2 1.6.0-2build1	
		PSFUL Open DAD Bublis Licenses
libldap-2.5-0	2.5.13+dfsg-0ubuntu0.22.04.1	OpenLDAP Public License
libldap-common	2.5.13+dfsg-0ubuntu0.22.04.1	OpenLDAP Public License
liblmdb0	0.9.24-1build2	OpenLDAP-2.8
liblocale-gettext-perl	1.07-4build3	Artistic,GPL-1+
liblvm2cmd2.03	2.03.11-2.1ubuntu4	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
liblz4-1	1.9.3-2build2	BSD-2-clause,GPL-2,GPL-2+
		Autoconf,config-h,GPL-2,GPL-2+,LGPL-
		2.1+,noderivs,none,PD,PD-debian,permissive-
liblzma5	5.2.5-2ubuntu1	<u>fsf,permissive-nowarranty,probably-PD</u>
liblzo2-2	2.10-2build3	<u>GPL-2+</u>
		BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-
		2-Clause-regents, MIT-Old-Style-with-legal-
libmagic1	1:5.41-3	disclaimer-2,public-domain
		BSD-2-Clause-alike,BSD-2-Clause-netbsd,BSD-
		2-Clause-regents,MIT-Old-Style-with-legal-
libmagic-mgc	1:5.41-3	<u>disclaimer-2,public-domain</u>
		Apache-2.0,BSD-2-clause,BSD-3-clause,BSD-
libmaxminddb0	1.5.2-1build2	4-clause,CC-BY-SA-3.0,GPL-2+
libmbim-glib4	1.26.2-1build1	GFDL-NIV-1.3+,GPL-2+,LGPL-2+
libmbim-proxy	1.26.2-1build1	GFDL-NIV-1.3+,GPL-2+,LGPL-2+
		Beerware,BSD-2-clause,BSD-2-clause-
		NetBSD,BSD-3-clause,BSD-3-clause-Aaron-D-
		Gifford,ISC,public-domain-md4,public-
libmd0	1.0.4-1build1	domain-md5,public-domain-sha1
libmm-glib0	1.18.6-1	<u>GPL-2.0,GPL-2.0+,GPL-3.0+,LGPL-2.0+</u>
libmnl0	1.0.4-3build2	<u>GPL-2+,LGPL-2.1</u>
libmodule-find-perl	0.15-1	Artistic,GPL-1+
libmodule-scandeps-		
perl	1.31-1	Artistic,GPL-1+
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
libmount1	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
libmpdec3	2.5.1-2build2	BSD,GPL-2+
libmpfr6	4.1.0-3build3	GFDL-1,LGPL-3
libmspack0	0.10.1-2build2	LGPL-2.1
libncurses6	6.3-2	BSD-3-clause,MIT/X11,X11
libncursesw6	6.3-2	BSD-3-clause,MIT/X11,X11
libnetfilter-		
conntrack3	1.0.9-1	<u>GPL-2+</u>
libnetplan0	0.104-0ubuntu2.1	GPL-3
-		

		Expat,GAP,GPL-2,GPL-2+,GPL-3+,GPL-3+ with
		Autoconf exception,LGPL-2+,LGPL-3+,public-
libnettle8	3.7.3-1build2	domain
libnewt0.52	0.52.21-5ubuntu2	LGPL-2
libnfnetlink0	1.0.1-3build3	GPL
libnftables1	1.0.2-1ubuntu3	CC-BY-SA-4.0,GPL-2,GPL-2+
libnftnl11	1.2.1-1build1	GPL-2,GPL-2+
morner 122	112.12 12.01.01	all-permissive,BSD-2-clause,Expat,GPL-3+
libnghttp2-14	1.43.0-1build3	with autoconf exception,MIT,SIL-OFL-1.1
libnl-3-200	3.5.0-0.1	GPL-2,LGPL-2
libnl-genl-3-200	3.5.0-0.1	GPL-2,LGPL-2
libnpth0	1.6-3build2	LGPL-2.1+
·		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-
libnsl2	1.3.0-2build2	<u>fsf,permissive-makefile-in</u>
libnspr4	2:4.32-3build1	MPL-2.0
libnss3	2:3.68.2-0ubuntu1.1	BSD-3,MIT,MPL-2.0,public-domain,Zlib
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		<u>Linux-syscall-note exception,LGPL-</u>
libnss-systemd	249.11-0ubuntu3.6	2.1+,public-domain
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libnss-systemd	249.11-0ubuntu3	2.1+,public-domain
libntfs-3g89	1:2021.8.22-3ubuntu1.1	GPL-2+,LGPL-2+
libnuma1	2.0.14-3ubuntu2	<u>GPL,LGPL</u>
		BSD-3-clause,BSD-4-clause,GPL,GPL-2,GPL-
		2+,GPL-3+,GPL-3+ with Bison
libopeniscsiusr	2.1.5-1ubuntu1	exception,public-domain
		Apache-2.0,BSD-3-Clause,ISC,ISC+IBM,LGPL-
1:144 1:40	0.24.0 Charilda	2.1+,permissive-like-automake-output,same-
libp11-kit0	0.24.0-6build1	as-rest-of-p11kit
libpackagekit-glib2- 18	1.2.5-2ubuntu2	GPL-2+,LGPL-2.1+
libpam0g	1.4.0-11ubuntu2	GPL GPL
<u> </u>	1:4.0-11ubuntu2 1:2.44-1build3	BSD-3-clause,GPL-2,GPL-2+
libpam-cap		
libpam-modules-bin	1.4.0-11ubuntu2	GPL CPL
libpam-modules	1.4.0-11ubuntu2	<u>GPL</u>
libpam-runtime	1.4.0-11ubuntu2	GPL
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
libnam cyctomd	240 11 Oubuptu2 6	Linux-syscall-note exception,LGPL-
libpam-systemd	249.11-0ubuntu3.6	2.1+,public-domain

		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libpam-systemd	249.11-0ubuntu3	2.1+,public-domain
libparted2	3.4-2build1	GPL-3
libparted-fs-resize0	3.4-2build1	GPL-3
libpcap0.8	1.10.1-4build1	BSD license
libpci3	1:3.7.0-6	GPL-2+
libpcre2-8-0	10.39-3ubuntu0.1	"BSD" licence, public domain
libpcre3	2:8.39-13ubuntu0.22.04.1	"BSD" licence
Порегез	2.0.33 134541140.22.04.1	Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-
		BISON-EXCEPTION, HSIEH-BSD, HSIEH-
		DERIVATIVE,LGPL-
		2.1,REGCOMP,REGCOMP,,RRA-KEEP-THIS-
		NOTICE,SDBM-PUBLIC-DOMAIN,TEXT-
libperl5.34	5.34.0-3ubuntu1	TABS,Unicode,ZLIB
libpipeline1	1.5.5-1	<u>GPL-2+,GPL-3+</u>
libplymouth5	0.9.5+git20211018-1ubuntu3	<u>GPL-2+,other</u>
		Apache-2.0,BSD-3-clause,BSD-like-with-
		advertising-clause,expat,GPL-2+,libpng,libpng
libpng16-16	1.6.37-3build5	OR Apache-2.0 OR BSD-3-clause
libpolkit-agent-1-0	0.105-33	Apache-2.0,LGPL-2.0+
libpolkit-gobject-1-0	0.105-33	Apache-2.0,LGPL-2.0+
libpopt0	1.18-3build1	<u>GPL-2+,X-Consortium</u>
libprocps8	2:3.3.17-6ubuntu2	<u>GPL-2.0+,LGPL-2.0+,LGPL-2.1+</u>
libproc-		
processtable-perl	0.634-1build1	Artistic,GPL-1+,GPL-2,LGPL-2.1+,other
libpsl5	0.21.0-1.2build2	<u>Chromium,MIT</u>
libpython3-stdlib	3.10.4-0ubuntu2	GPL-compatible,GPL-compatible licenses
libpython3.10-		
minimal	3.10.4-3ubuntu0.1	Python License
libpython3.10-		
minimal	3.10.4-3	Python License
libpython3.10-	2.40.5.422.04	
minimal	3.10.6-1~22.04	Python License
libpython3.10-stdlib	3.10.4-3ubuntu0.1	Python License
libpython3.10-stdlib	3.10.4-3	Python License
libpython3.10-stdlib	3.10.6-1~22.04	Python License
libpython3.10	3.10.4-3ubuntu0.1	Python License
libpython3.10	3.10.4-3	Python License
libpython3.10	3.10.6-1~22.04	<u>Python License</u>
libqmi-glib5	1.30.4-1	<u>GFDL-NIV-1.3+,GPL-2+,LGPL-2.0+</u>

libqmi-proxy	1.30.4-1	GFDL-NIV-1.3+,GPL-2+,LGPL-2.0+
libreadline8	8.1.2-1	GFDL,GPL-3
	2.4+20151223.gitfa8646d.1-	3.23,6.23
librtmp1	2build4	GPL-2,LGPL-2
'		BSD-2.2-clause,BSD-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-
libsasl2-2	2.1.27+dfsg2-3ubuntu1	MD,SSLeay
		BSD-2.2-clause,BSD-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-
libsasl2-modules-db	2.1.27+dfsg2-3ubuntu1	OpenVision,OpenLDAP,OpenSSL,RSA- MD,SSLeay
IIDSasiz-IIIOddies-db	2.1.27+u15g2-5ubu11tu1	BSD-2.2-clause,BSD-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-
libsasl2-modules	2.1.27+dfsg2-3ubuntu1	MD,SSLeay
libseccomp2	2.5.3-2ubuntu2	LGPL-2.1
libselinux1	3.3-1build2	GPL-2,LGPL-2
libsemanage2	3.3-1build2	GPL,LGPL
libsemanage-		
common	3.3-1build2	<u>GPL,LGPL</u>
libsepol2	3.3-1build1	GPL,LGPL
libsgutils2-2	1.46-1build1	GPL
		GPL-2+,GPL-2+ with Autoconf
libsigsegv2	2.13-1ubuntu3	exception,permissive-fsf,permissive-other
libslang2	2.3.2-5build4	GPL-2+
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
libsmartcols1	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
libsmbios-c2	2.4.3-1build1	<u>GPL</u>
		BSD-2-clause,CC0,GPL-2+,ISC,MIT,public-
libsodium23	1.0.18-1build2	domain
libsort-naturally-perl	1.03-2	Artistic,GPL-1+
libsqlite3-0	3.37.2-2	GPL-2+,public-domain
libss2	1.46.5-2ubuntu1.1	GPL-2,LGPL-2
		BSD-2-clause,BSD-3-clause,LGPL-2.1,LGPL-
libssh-4	0.9.6-2build1	2.1+~OpenSSL,public-domain

libssl3	3.0.2-0ubuntu1.6	Apache-2.0,Artistic,GPL-1+
libstdc++6	12.1.0-2ubuntu1~22.04	Artistic,GFDL-1,GPL,GPL-2,GPL-3,LGPL
libstemmer0d	2.2.0-1build1	BSD-3-snowball
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libsystemd0	249.11-0ubuntu3.6	2.1+,public-domain
,		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libsystemd0	249.11-0ubuntu3	2.1+,public-domain
libtasn1-6	4.18.0-4build1	GFDL-1,GPL-3,LGPL,LGPL-2
libtcl8.6	8.6.12+dfsg-1build1	Tcl/Tk License
libterm-readkey-perl	2.38-1build4	Artistic,GPL-1+,termreadkey
libtext-charwidth-		
perl	0.04-10build3	Artistic,GPL-1+
libtext-iconv-perl	1.7-7build3	Artistic,GPL-1+
libtext-wrapi18n-		
perl	0.06-9	Artistic,GPL-1+
libtinfo6	6.3-2	BSD-3-clause,MIT/X11,X11
		AUTO_PERMISSIVE, BSD-2-Clause,BSD-3-
		Clause, BSD-4-Clause, GPL-2, LGPL-2.1+,
libtirpc3	1.3.2-2ubuntu0.1	PERMISSIVE
		AUTO_PERMISSIVE, BSD-2-Clause,BSD-3-
		Clause, BSD-4-Clause, GPL-2, LGPL-2.1+,
libtirpc-common	1.3.2-2ubuntu0.1	PERMISSIVE
libtss2-esys-3.0.2-0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-mu0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-sys1	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-tcti-cmd0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-tcti-device0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-tcti-mssim0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libtss2-tcti-swtpm0	3.2.0-1ubuntu1	BSD-2-clause,GPL-3,TCG
libuchardet0	0.0.7-1build2	GPL-2+,LGPL-2.1+,MPL-1.1
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libudev1	249.11-0ubuntu3.6	2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
libudev1	249.11-0ubuntu3	2.1+,public-domain
libudisks2-0	2.9.4-1ubuntu2	GPL-2+,LGPL-2+
		FreeSoftware,GFDL-1.2+,GPL-2+,GPL-2+ with
libunistring2	1.0-1	distribution exception,GPL-3+,LGPL-3+,MIT
libunwind8	1.3.2-2build2	Expat,GPL-2+
		BSD-2-clause,Expat,FSFUL,GPL-2,GPL-2+,GPL-
liburcu8	0.13.1-1	3+,LGPL-2.1,LGPL-2.1+,MIT-MINIMAL
libusb-1.0-0	2:1.0.25-1ubuntu2	GPL-2,LGPL-2

libutempter0	1.2.1-2build2	LGPL-2.1
·		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
libuuid1	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
		Apache-2.0,BSD-1-clause,BSD-2-clause,BSD-
		3-clause,CC-BY-4.0,Expat,GPL3+ with
libuv1	1.43.0-1	autoconf exception,ISC
libvolume-key1	0.3.12-3.1build3	<u>GPL-2,GPL-2+,LGPL-2.1+,MPL-1.1</u>
libwrap0	7.6.q-31build2	MIT License
libx11-6	2:1.7.5-1	MIT license
libx11-data	2:1.7.5-1	MIT license
libxau6	1:1.0.9-1build5	MIT License
libxcb1	1.14-3ubuntu3	MIT License
libxdmcp6	1:1.1.3-0ubuntu5	MIT License
libxext6	2:1.3.4-1build1	MIT License
libxml2	2.9.13+dfsg-1ubuntu0.1	ISC,MIT-1
libxmlb2	0.3.6-2build1	CC0-1.0,LGPL-2.1+
libxmlsec1-openssl	1.2.33-1build2	MIT License
libxmlsec1	1.2.33-1build2	MIT License
libxmuu1	2:1.1.3-3	MIT License
libxslt1.1	1.1.34-4ubuntu0.22.04.1	MIT License
libxtables12	1.8.7-1ubuntu5	Artistic,custom,GPL-2,GPL-2+
libxxhash0	0.8.1-1	BSD-2-clause,GPL-2
libyaml-0-2	0.2.2-1build2	<u>Expat,permissive</u>
libzstd1	1.4.8+dfsg-3build1	BSD-3-clause,Expat,GPL-2,zlib
linux-base	4.5ubuntu9	GPL-2
locales	2.35-0ubuntu3.1	GFDL-1,GPL-2,LGPL-2
login	1:4.8.1-2ubuntu2	GPL-2
logrotate	3.19.0-1ubuntu1.1	BSD-3-Clause,GPL-2,GPL-3+
logsave	1.46.5-2ubuntu1.1	GPL-2,LGPL-2
lsb-base	11.1.0ubuntu4	BSD-3-clause,GPL-2
lsb-release	11.1.0ubuntu4	BSD-3-clause,GPL-2
	02.19.git.2021.06.19.996aaad	
Ishw	9c7-2build1	GPL,
		BSD-4-clause,GPL-2+,LGPL-
Isof	4.93.2+dfsg-1.1build2	2+,Purdue,sendmail
lvm2	2.03.11-2.1ubuntu4	BSD-2-Clause,GPL-2.0,GPL-2.0+,LGPL-2.1
lxd-agent-loader	0.5	Apache-2
		BSD-3-clause,BSD-4-clause,Expat,freely-
		redistributable,GPL-2,GPL-2+,henry-spencer-
manpages	5.10-1ubuntu1	regex,LDPv1,public-domain,verbatim
man-db	2.10.2-1	<u>GPL-2+,GPL-3+</u>
mawk	1.3.4.20200120-3	<u>GPL-2,</u>
mdadm	4.2-0ubuntu1	GPL-2+

media-types	7.0.0	MIT License
modemmanager	1.18.6-1	GPL-2.0,GPL-2.0+,GPL-3.0+,LGPL-2.0+
motd-news-config	12ubuntu4.2	GPL-3.0 License
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
mount	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
mtr-tiny	0.95-1	GPL-2+
multipath-tools	0.8.8-1ubuntu1	GPL-2,LGPL-2
nano	6.2-1	GFDL-NIV+,GPL-3+
ncurses-base	6.3-2	BSD-3-clause,MIT/X11,X11
ncurses-bin	6.3-2	BSD-3-clause,MIT/X11,X11
ncurses-term	6.3-2	BSD-3-clause,MIT/X11,X11
needrestart	3.5-5ubuntu2.1	GPL-2
netbase	6.3	GPL-2
netcat-openbsd	1.218-4ubuntu1	BSD-2-Clause,BSD-3-Clause
netplan.io	0.104-0ubuntu2.1	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+
ntfs-3g	1:2021.8.22-3ubuntu1.1	GPL-2+,LGPL-2+
		BSD-2-clause,BSD-3-clause,Expat-with-
		advertising-restriction, Mazieres-BSD-
		style,OpenSSH,Powell-BSD-style,public-
openssh-client	1:8.9p1-3	domain
		BSD-2-clause,BSD-3-clause,Expat-with-
		advertising-restriction, Mazieres-BSD-
		style,OpenSSH,Powell-BSD-style,public-
openssh-server	1:8.9p1-3	<u>domain</u>
		BSD-2-clause,BSD-3-clause,Expat-with-
		advertising-restriction, Mazieres-BSD-
	4.00.4.3	style,OpenSSH,Powell-BSD-style,public-
openssh-sftp-server	1:8.9p1-3	domain
openssl	3.0.2-0ubuntu1.6	Apache-2.0,Artistic,GPL-1+
		BSD-3-clause,BSD-4-clause,GPL,GPL-2,GPL-
open-iscsi	2.1.5-1ubuntu1	2+,GPL-3+,GPL-3+ with Bison exception,public-domain
open-iscsi	Z.I.J-IubuiituI	BSD-3,GPL-2,GPL-2+,ISC-ibm-and-ibm-
open-vm-tools	2:11.3.5-1ubuntu4.1	dhcp,LGPL-2.1,xfree86-1.0
overlayroot	0.47ubuntu1	GPL-3.0+
packagekit-tools	1.2.5-2ubuntu2	GPL-2+,LGPL-2.1+
packagekit	1.2.5-2ubuntu2	GPL-2+,LGPL-2.1+
parted	3.4-2build1	GPL-3
parted	1:4.8.1-2ubuntu2	GPL-2
passwu	1.4.8.1-2ubuntu2 1.5.1-1ubuntu1	GPL-2+
	2.7.6-7build2	
patch		GPL CPL 2:
pciutils	1:3.7.0-6	GPL-2+

pci.ids	0.0~2022.01.22-1	BSD-3-clause,GPL-2+
pemas	0.0 1011.111	Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-
		BISON-EXCEPTION, HSIEH-BSD, HSIEH-
		DERIVATIVE,LGPL-
		2.1,REGCOMP,REGCOMP,RRA-KEEP-THIS-
		NOTICE,SDBM-PUBLIC-DOMAIN,TEXT-
perl-base	5.34.0-3ubuntu1	TABS,Unicode,ZLIB
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-
		BISON-EXCEPTION, HSIEH-BSD, HSIEH-
		DERIVATIVE,LGPL-
		2.1,REGCOMP,REGCOMP,RRA-KEEP-THIS-
		NOTICE,SDBM-PUBLIC-DOMAIN,TEXT-
perl-modules-5.34	5.34.0-3ubuntu1	TABS,Unicode,ZLIB
		Artistic, Artistic, 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,GPL-1+,GPL-2+,GPL-3+-WITH-
		BISON-EXCEPTION, HSIEH-BSD, HSIEH-
		<u>DERIVATIVE,LGPL-</u>
		2.1,REGCOMP,REGCOMP,,RRA-KEEP-THIS-
		NOTICE,SDBM-PUBLIC-DOMAIN,TEXT-
perl	5.34.0-3ubuntu1	TABS,Unicode,ZLIB
pinentry-curses	1.1.1-1build2	<u>GPL-2,GPL-2+,LGPL-3+,X11</u>
pkexec	0.105-33	Apache-2.0,LGPL-2.0+
plymouth-theme-		
ubuntu-text	0.9.5+git20211018-1ubuntu3	GPL-2+,other
plymouth	0.9.5+git20211018-1ubuntu3	GPL-2+,other
policykit-1	0.105-33	Apache-2.0,LGPL-2.0+
polkitd	0.105-33	Apache-2.0,LGPL-2.0+
pollinate	4.33-3ubuntu2	<u>GPL-3</u>
powermgmt-base	1.36	<u>GPL-2+</u>
procps	2:3.3.17-6ubuntu2	GPL-2.0+,LGPL-2.0+,LGPL-2.1+
psmisc	23.4-2build3	GPL-2+
publicsuffix	20211207.1025-1	CC0,MPL-2.0
python3-apport	2.20.11-0ubuntu82.1	GPL-2+
python3-apt	2.3.0ubuntu2.1	GPL-2+,Permissive
python3-attr	21.2.0-1	Expat
pythons atti	21.2.V 1	LAPUL

python3-automat	20.2.0-1	Expat
python3-babel	2.8.0+dfsg.1-7	BSD-3-clause,GPL-2+,Unicode
1 /	5	Apache-2.0,BSD-3-Clause,BSD-4-Clause,GPL-
python3-bcrypt	3.2.0-1build1	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	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	<u>GPL-3+</u>
python3-configobj	5.0.6-5	BSD-3-clause
python3-constantly	15.1.0-2	CC0,MIT
python3-		
cryptography	3.4.8-1ubuntu2	Apache,Expat
python3-dbus	1.2.18-3build1	AFL-2.1,Expat,GPL-2+
python3-debconf	1.5.79ubuntu1	BSD-2-clause
python3-debian	0.1.43ubuntu1	<u>GPL-2+,GPL-3+</u>
python3-distro-info	1.1build1	<u>ISC</u>
python3-distro	1.7.0-1	Apache-2.0
python3-distupgrade	1:22.04.10	Expat,GPL-2+
python3-distupgrade	1:22.04.14	Expat,GPL-2+
python3-distutils	3.10.4-0ubuntu1	GPL-compatible,GPL-compatible licenses
python3-gdbm	3.10.4-0ubuntu1	GPL-compatible,GPL-compatible licenses
python3-gi	3.42.1-0ubuntu1	Expat,LGPL-2.1+
python3-hamcrest	2.0.2-2	BSD-3-clause,GPL-3
		BSD-3,Expat,GPL-2+,GPL-3+,LGPL-2.1+,MPL-
python3-httplib2	0.20.2-2	<u>1.1</u>
python3-hyperlink	21.0.0-3	<u>Expat</u>
python3-idna	3.3-1	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	3.0.3-1	<u>GPL</u>
python3-jsonpatch	1.32-2	BSD-3-clauses
python3-jsonschema	3.2.0-0ubuntu2	GPL-2+,MIT
python3-json-		
pointer	2.0-0ubuntu1	BSD-3-clauses
python3-jwt	2.3.0-1ubuntu0.2	Expat
python3-keyring	23.5.0-1	Expat,GPL-3,PSF-2

	T	
python3- launchpadlib	1.10.16-1	LGPL-3.0,LGPL-3.0+
python3-	1.10.10-1	<u>LGPL-3.0,LGPL-3.0+</u>
lazr.restfulclient	0.14.4-1	LGPL-3.0,LGPL-3.0+
python3-lazr.uri	1.0.6-2	LGPL-3.0
python3-lib2to3	3.10.4-0ubuntu1	
• '		GPL-compatible,GPL-compatible licenses  BSD-3-Clause License
python3-markupsafe	2.0.1-2build1	
python3-minimal	3.10.4-0ubuntu2	GPL-compatible,GPL-compatible licenses
python3-more- itertools	8.10.0-2	MIT chilo
		MIT-style
python3-netifaces	0.11.0-1build2	MIT-style
python3-newt	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-pexpect	4.8.0-2ubuntu1	<u>ISC</u>
python3-pkg-		
resources	59.6.0-1.2	Apache-20
python3-problem-		
report	2.20.11-0ubuntu82.1	GPL-2+
python3-problem-	2 20 44 0	CDL 3.
report	2.20.11-0ubuntu82	<u>GPL-2+</u>
python3-ptyprocess	0.7.0-3	ISC
python3-pyasn1-	0.2.1.1	DCD 2 Clause DCD 2 Clause
modules	0.2.1-1	BSD-2-Clause,BSD-3-Clause
python3-pyasn1	0.4.8-1	BSD-2-clause,GPL-2+
nuthan? nunarsing	2 4 7 1	BSD-2-clause,BSD-3-clause,ellis-and-
python3-pyparsing	2.4.7-1	grant,Expat,GPL-2,GPL-3,salvolainen
python3-pyrsistent	0.18.1-1build1	BSD-3-clause,MIT
python3-requests	2.25.1+dfsg-2	Apache,other
python3-	2211	RCD 2 eleves
secretstorage	3.3.1-1	BSD-3-clause
python3-serial	3.5-1	BSD-3-Clause License
python3-service-	19106	Event
identity	18.1.0-6	Expat
python3-setuptools	59.6.0-1.2	Apache-20
python3-six	1.16.0-3ubuntu1	Expat
python3-software-	0.00.22.2	CDL 21 CDL 21 CDL 2
properties	0.99.22.3	GPL-2+,GPL-3,LGPL-3
python3-systemd	234-3ubuntu2	<u>LGPL-2.1+</u>
python3-twisted	22.1.0-2ubuntu2.3	Expat
python3-tz	2022.1-1	Expat
python3-update-	4 22 04 6	CDLLCDL
manager	1:22.04.9	GPL,LGPL
python3-urllib3	1.26.5-1~exp1	Expat,PSF-2
python3-wadllib	1.3.6-1	<u>LGPL-3.0</u>

python3-yaml	5.4.1-1ubuntu1	MIT License
python3-zipp	1.0.0-3	Expat
python3-	1.0.0 0	- LAPOC
zope.interface	5.4.0-1build1	BSD-2-Clause,Zope-2.1
python3.10-minimal	3.10.4-3ubuntu0.1	Python License
python3.10-minimal	3.10.4-3	Python License
python3.10-minimal	3.10.6-1~22.04	Python License
python3.10	3.10.4-3ubuntu0.1	Python License
python3.10	3.10.4-3	Python License
python3.10	3.10.6-1~22.04	Python License
python3	3.10.4-0ubuntu2	GPL-compatible,GPL-compatible licenses
python-apt-common	2.3.0ubuntu2.1	GPL-2+,Permissive
python-babel-		
localedata	2.8.0+dfsg.1-7	BSD-3-clause,GPL-2+,Unicode
readline-common	8.1.2-1	GFDL,GPL-3
rsync	3.2.3-8ubuntu3	GPL-3
rsyslog	8.2112.0-2ubuntu2.2	Apache-2.0,BSD-3-clause,GPL-3.0+,LGPL-3.0+
run-one	1.17-0ubuntu1	GPL-3
		CC0,GPL-3+,GPL-3+ with OpenSSL
sbsigntool	0.9.4-2ubuntu2	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,configure,GPL-2+,installsh
sg3-utils-udev	1.46-1build1	GPL
sg3-utils	1.46-1build1	GPL
shared-mime-info	2.1-2	GPL
snapd	2.56.2+22.04ubuntu1	GPL-3
software-properties-		
common	0.99.22.3	GPL-2+,GPL-3,LGPL-3
software-properties-		
common	0.99.22	GPL-2+,GPL-3,LGPL-3
sosreport	4.3-1ubuntu2	GPL-2,GPL-2+
squashfs-tools	1:4.5-3build1	GPL-2+
ssh-import-id	5.11-0ubuntu1	GPL-3
strace	5.16-0ubuntu3	LGPL-2.1 License
sudo	1.9.9-1ubuntu2	BSD-2-Clause,BSD-3-Clause,ISC,other,Zlib
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
systemd-sysv	249.11-0ubuntu3.6	2.1+,public-domain
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
avetored ever	240 11 Oubunt: 2	Linux-syscall-note exception,LGPL-
systemd-sysv	249.11-0ubuntu3	2.1+,public-domain

		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
systemd-timesyncd	249.11-0ubuntu3.6	2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
systemd-timesyncd	249.11-0ubuntu3	2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
systemd	249.11-0ubuntu3.6	2.1+,public-domain
•		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
systemd	249.11-0ubuntu3	2.1+,public-domain
sysvinit-utils	3.01-1ubuntu1	GPL-2+
tar	1.34+dfsg-1build3	GPL-2,GPL-3
tcl8.6	8.6.12+dfsg-1build1	Tcl/Tk License
tcl	8.6.11+1build2	GPL
tcpdump	4.99.1-3build2	4-clause BSD license,BSD license
telnet	0.17-44build1	BSD-4-clause
thin-provisioning-	0.17-44Bdild1	DSD-4-Clause
tools	0.9.0-2ubuntu1	GPL-2+,GPL-3+
time	1.9-0.1build2	freely-redistributable,GPL-2+,GPL-3+
	3.2a-4build1	BSD-2
tmux	3.2a-4build1	BSD-2-clause,BSD-3-clause,BSD-4-
		Clause, Expat, FSFAP, FSFULLR, GPL-2+
		with Autoconf-data exception, GPL-2+ with
		libtool exception,GPL-3+ with Autoconf-data
tnftp	20210827-4build1	exception,ISC,Unlicense
tpm-udev	0.6	BSD-2-clause
tzdata	2022c-0ubuntu0.22.04.0	ICU
ubuntu-advantage-	20226-000011100.22.04.0	<u>ICO</u>
tools	27.10.1~22.04.1	GPL-3.0
ubuntu-keyring	2021.03.26	GPL,
ubuntu-minimal	1.481	GPL-2
ubuntu-release-	1 22 04 40	5 CDI 2.
upgrader-core	1:22.04.10	Expat,GPL-2+
ubuntu-release-	1.22 04 14	Fynat CDL 31
upgrader-core	1:22.04.14	Expat,GPL-2+
ubuntu-server	1.481	GPL-2
ubuntu-standard	1.481	GPL-2
ucf	3.0043	GPL-2
		CC0-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
		Linux-syscall-note exception,LGPL-
udev	249.11-0ubuntu3.6	2.1+,public-domain
		CCO-1.0,Expat,GPL-2,GPL-2+,GPL-2 with
	242.44.2.1	Linux-syscall-note exception,LGPL-
udev	249.11-0ubuntu3	2.1+,public-domain

udisks2	2.9.4-1ubuntu2	GPL-2+,LGPL-2+
ufw	0.36.1-4build1	BSD-3-clause,GPL-3
unattended-		
upgrades	2.8ubuntu1	GPL-2+
update-manager-		
core	1:22.04.9	GPL,LGPL
update-notifier-		
common	3.192.54	GPL-3.0 License
usbutils	1:014-1build1	GPL-2
usb-modeswitch-		
data	20191128-4	GPL-2
usb-modeswitch	2.6.1-3ubuntu2	BSD-2-clause,GPL-2+
usb.ids	2022.04.02-1	GPL-2
usrmerge	25ubuntu2	GPL-2)
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
util-linux	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
		BSD-2-clause,BSD-3-clause,BSD-4-clause,GPL-
		2,GPL-2+,GPL-3+,LGPL,LGPL-2+,LGPL-
uuid-runtime	2.37.2-4ubuntu3	2.1+,LGPL-3+,MIT,public-domain
		Apache,Artistic-1,BSD-2-clause,BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
vim-common	2:8.2.3995-1ubuntu2.1	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
vim-runtime	2:8.2.3995-1ubuntu2.1	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
vim-tiny	2:8.2.3995-1ubuntu2.1	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache,Artistic-1,BSD-2-clause,BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
t.a. Ata	2.0.2.2005 4	2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
vim-tiny	2:8.2.3995-1ubuntu2	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		<u>Apache, Artistic-1, BSD-2-clause, BSD-3-</u> clause, Compag, EDL-1, Expat, GPL-1+, GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
vim	2:8.2.3995-1ubuntu2.1	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
	1.21.2-2ubuntu1	GFDL-1,GPL-3
wget	0.52.21-5ubuntu2	LGPL-2
whiptail		
xauth	1:1.1-1build2	MIT License
xdg-user-dirs	0.17-2ubuntu4	GPL-2
former	5 12 0 1 ub us to 2	GPL-2,GPL-3+ with autoconf exception,LGPL-
xfsprogs	5.13.0-1ubuntu2	<u>2.1</u>

xkb-data	2.33-1	MIT License
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
xxd	2:8.2.3995-1ubuntu2.1	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Apache, Artistic-1, BSD-2-clause, BSD-3-
		clause,Compaq,EDL-1,Expat,GPL-1+,GPL-
		2,GPL-2+,GPL-3+,LGPL-2.1+,OPL-1+,public-
xxd	2:8.2.3995-1ubuntu2	domain,SRA,UC,Vim,Vim-Regexp,X11,XPM
		Autoconf,config-h,GPL-2,GPL-2+,LGPL-
		2.1+,noderivs,none,PD,PD-debian,permissive-
xz-utils	5.2.5-2ubuntu1	<u>fsf,permissive-nowarranty,probably-PD</u>
zerofree	1.1.1-1build3	GPL-2+
zlib1g	1:1.2.11.dfsg-2ubuntu9	<u>Zlib</u>
zstd	1.4.8+dfsg-3build1	BSD-3-clause,Expat,GPL-2,zlib

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Version 2, June 1991

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

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

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config-h

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