

Oracle Private Cloud Appliance

Licensing Information User Manual for Release 3.0.1



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Oracle Private Cloud Appliance Licensing Information User Manual for Release 3.0.1,

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Contents

Preface

Audience	xxiv
Feedback	xxiv
Conventions	xxiv
Documentation Accessibility	xxv
Access to Oracle Support for Accessibility	xxv
Diversity and Inclusion	xxv

1 Introduction

2 Licensing Information

Restricted Use Licenses	2-1
Licensing Information for Included Oracle Products	2-1

3 Third-Party Notices and/or Licenses

Open Source or Other Separately Licensed Software	3-1
Software Licenses	3-9
amqp 2.6.1	3-9
amqp-client 5.10.0	3-10
Ansible 2.9.17-1	3-10
antlr4-python3-runtime 4.5	3-20
atop 2.6.0	3-20
attrs 19.2.0	3-45
Babel 2.8.0	3-46
Bouncy Castle Crypto API 1.68	3-46
cachetools 4.1.1	3-47
certifi 2020.6.20	3-47
chardet 3.0.4	3-51
cliff 3.4.0	3-60
cmd2 1.3.11	3-63

colorama 0.4.4	3-64
Commons Codec 1.15	3-64
Commons Lang 3.11	3-68
configparser 4.0.2	3-72
coredns 1.8.4	3-73
cryptography 3.2.1-1.0.1	3-101
cuttlefish 2.1.0	3-107
dnspython 1.16.0	3-111
Docker Registry 2.7.1	3-111
EclipseLink 2.7.7	3-121
EclipseLink JPA 2.7.7	3-129
erlang-bbmustache 1.11.0	3-135
erlang-getopt 1.0.1	3-135
erlang-goldrush 0.2.0	3-136
erlang-lager 3.8.0	3-136
eventlet 0.28.0	3-144
Expat 2.1.0-10	3-148
external-attacher 3.0.2	3-149
external-provisioner 2.0.5	3-169
external-resizer 1.1.0	3-192
external-snapshotter 3.0.3	3-211
Fluentd 1.9.3	3-230
fluentd-kubernetes-daemonset 1.9.3	3-242
Google Auth Python Library 1.22.1	3-246
greenlet 0.4.17	3-249
gunicorn 20.0.4	3-251
ha_cluster_exporter 1.2.1	3-254
HAproxy 2.3.10	3-275
Helm 3.1.1	3-291
hk2 2.6.1	3-294
idna 2.10	3-307
importlib-metadata 1.7.0	3-308
importlib_resources 5.0.0	3-312
iscsi-initiator-utils 6.2.0.874-19.0.1.el7	3-316
isodate 0.6.0	3-319
jackson-annotations 2.10.3	3-320
jackson-annotations 2.12.2	3-323
jackson-core 2.10.3	3-327
jackson-core 2.12.2	3-330
jackson-jaxrs-base 2.10.3	3-334
jackson-jaxrs-base 2.12.2	3-340

jackson-jaxrs-json-provider 2.12.2	3-346
jackson-module-jaxb-annotations 2.12.2	3-353
Jakarta Bean Validation API 2.0.2	3-357
Jakarta JSON Binding API (JSON-B) 2.0.0	3-361
Jakarta Json Processing API (JSON-P) 2.0.0	3-370
Jakarta Restful Web Services JAX-RS API 2.1.6	3-379
JavaScript Extension Toolkit (JET) 10.1.0	3-389
Javassist 3.27.0-GA	3-404
jersey-client 2.31	3-418
jersey-common 2.31	3-424
jersey-container-servlet 2.31	3-438
jersey-container-servlet-core 2.31	3-454
jersey-entity-filtering 2.31	3-466
jersey-hk2 2.31	3-476
jersey-media-json-jackson 2.31	3-487
jersey-server 2.31	3-493
Jinja2 2.10.1	3-507
Jinja2 2.10.3	3-508
JMESPath 0.9.0	3-510
joda-time 2.10.6	3-511
json-simple 3.1.1	3-515
kombu 4.6.11	3-518
Kubernetes Python Client 12.0.0	3-519
libvirt-python 5.7.0	3-522
Loki 2.2.1	3-534
Loki Helm Chart 2.5.0	3-628
LXML 4.5.2	3-632
markupsafe 1.1.1	3-641
Mina SSHD 2.6.0	3-642
Mina SSHD-common 2.6.0	3-650
monotonic 1.5	3-657
mysqld_exporter 0.12.1	3-660
netaddr 0.8.0	3-674
netifaces 0.11.0	3-675
Node Exporter Full Grafana Dashboard 22.0.0	3-675
node-driver-registrar 2.0.0	3-678
oauthlib 3.1.0	3-690
OCI SDK for Python 2.43.0	3-690
Open Virtual Networking with Kubernetes 0.3.0-9c1fca2	3-746
Open vSwitch 2.16.90	3-798
OpenSSH 7.4p1-21.0.1	3-819

OVN (Open Virtual Network) 21.09.0	3-824
ovs (Python) 2.16.90	3-836
ovsdbapp 1.12.0	3-840
packaging 20.8	3-844
passlib 1.7.4	3-847
pbr 5.4.5	3-849
Pexpect 4.8.0	3-853
PLY 3.11	3-854
podman 1.6.4	3-854
PrettyTable 0.7.2	3-872
Prometheus JVM Client 0.9.0	3-872
Prometheus Python Client 0.8.0	3-876
ptyprocess 0.6.0	3-880
ptyprocess 0.7.0	3-880
pyasn1 0.4.8	3-880
pyasn1-modules 0.2.8	3-881
PyJWT 2.3.0	3-881
PyMySQL 1.0.2	3-887
pyOpenSSL 19.0.0	3-890
pyparsing 2.4.6	3-894
pyperclip 1.8.0	3-894
pyserial 3.5	3-894
PySocks 1.7.1	3-895
python 3.6.8-17	3-896
Python 2.7.5-89	3-912
python-dateutil 2.8.1	3-916
python-libs 2.7.5-89.0.1	3-919
python-mimeparse 1.6.0	3-924
python-rsa 4.6	3-925
python-swiftclient 3.11.1	3-927
python-xmlsec 1.3.8	3-930
python3-saml 1.12.0	3-930
pytz 2020.1	3-932
pyyaml 5.1.2	3-933
QEMU 4.2.1-10	3-933
qemu-kvm 1.5.3-175.el7	3-955
RabbitMQ 3.8.2	3-959
requests 2.24.0	3-1014
requests-oauthlib 1.3.0	3-1033
Ruby 2.7.3	3-1072
runc 1.0.0-92.rc92	3-1092

SAML Java Toolkit 2.6.0	3-1105
setuptools 50.3.0	3-1121
Simple Logging Facade for Java (SLF4J) 1.7.32	3-1122
simpleclient_pushgateway 0.9.0	3-1126
simpleclient_servlet 0.9.0	3-1129
six 1.12.0	3-1142
six 1.9.0	3-1143
six 1.16.0	3-1143
sortedcontainers 2.3.0	3-1144
SQLAlchemy 1.4.23	3-1147
sshpas 1.09	3-1149
stax2-api 4.2.1	3-1154
stevedore 3.2.2	3-1155
Telegraf 1.18.3	3-1159
The Falcon Web Framework 2.0.0	3-1219
The Falcon Web Framework 3.0.1	3-1222
The Falcon Web Framework 1.4.1	3-1225
Tomcat Embedded 9.0.54	3-1227
transitions 0.8.6	3-1235
uln-yum-mirror 0.3.0-7	3-1236
urllib3 1.25.11	3-1250
uWSGI 2.0.19.1	3-1256
Vault 1.7.1	3-1262
vine 1.3.0	3-1599
wcwidth 0.1.8	3-1600
websocket-client-python 0.57.0	3-1600
Woodstox XML Processor 6.2.4	3-1601
XML Security for Java 2.3.0	3-1605
yum-utils 1.1.31-54.0.1	3-1610
ZFSSA CSI 1.0	3-1624
zipp 3.1.0	3-1649
Kubernetes Workload Monitoring Operator Licensing Information	3-1649
Oracle Linux	3-1649
Third-Party Notices and Licenses	3-1649
Open Source or Other Separately Licensed Software	3-1649
Software Licenses	3-1651
gabs 2.6.0	3-1651
yaml.v2 2.2.8	3-1652
prometheus-operator 0.38.3	3-1656
kube-rbac-proxy 0.4.1	3-1684
klog 2.3.0	3-1708

Grafana 7.3.7	3-1714
resty 2.3.0	3-1840
cert-manager 0.13.1	3-1842
configmap-reload 0.3.0	3-1926
apiextensions-apiserver 0.17.11	3-1942
kube-state-metrics 1.9.7	3-2015
OCI SDK for Go 27.3.0	3-2020
yaml 1.2.0	3-2024
Prometheus Pusher 1.0.5	3-2028
swagger-ui 3.26.2	3-2034
golang.org/x/crypto 0c34fe9	3-2062
gorilla/mux 1.8.0	3-2066
Kubernetes API 0.17.11	3-2067
NGINX Ingress Controller 0.32.0	3-2092
apimachinery 0.17.11	3-2229
client-go 0.17.11	3-2252
code-generator 0.17.11	3-2283
Node Exporter 0.18.1	3-2303
Prometheus 2.20.0	3-2323
Prometheus AlertManager 0.21.0	3-2380
Prometheus Go client library 1.7.1	3-2420
Prometheus Pushgateway 1.3.1	3-2434
cert-manager 0.16.1	3-2444
go-sqlite3 1.14.6	3-2494
go-swagger 0.21.0	3-2495
Data Transport Service Transport Client Licensing Information	3-2565
Open Source or Other Separately Licensed Software	3-2565
Software Licenses	3-2565
HttpComponents HttpClient 4.5.13	3-2565

4 Licensing for Third-Party Software in Oracle Hardware Management Pack

Oracle Hardware Management Pack Licensing Information	4-1
Oracle Technology Notices and Licenses	4-1
Oracle Java SE (JRE/JDK) Restricted Use License	4-1
Third Party Notices and Licenses	4-1
Open Source Software	4-1
Java Platform, Standard Edition 8 JRE and JDK Third Party License Readme	4-21

5	Licensing for Third-Party Software in Server JRE (Java SE Runtime Environment)	
	Server JRE 8 Licensing Information	5-1
6	Licensing for Third-Party Software in Java Platform, Enterprise Edition API	
	Java EE 8 API	6-1
7	Licensing for Third-Party Software in Oracle Linux	
	Oracle Linux 7 Licensing Information	7-1
	Restricted Use Licenses	7-1
	Third-Party Notices and Licenses	7-2
	Oracle Linux 7 Images	7-2
	Oracle Linux 8 Licensing Information	7-2
	Restricted Use Licenses	7-2
	Third-Party Notices and Licenses	7-3
	Oracle Linux 8 Images	7-3
8	Licensing for Third-Party Software in Oracle Solaris	
	Oracle Solaris 11.4 Licensing Information	8-1
	Oracle Technology Notices and Licenses	8-1
	Third-Party Notices and/or Licenses for Oracle Solaris 11.4	8-1
	Open Source or Other Separately Licensed Software Included With Oracle Solaris 11.4	8-1
	Displaying Licenses for Oracle Solaris Packages	8-31
9	Licensing for Third-Party Software in Oracle JavaScript Extension Toolkit (JET)	
	Oracle JavaScript Extension Toolkit (JET) Licensing Information	9-1
10	Licensing for Third-Party Software in MySQL Cluster	
	MySQL Cluster Licensing Information	10-1
	Introduction	10-1
	Licensing Information	10-1
	Licenses for Third-Party Components	10-2

11 Licensing for Third-Party Software in Oracle Cloud Native Environment

Oracle Cloud Native Environment Licensing Information	11-1
Licensing Information	11-1
Licensing Information for Software Packages and Container Images	11-1
Software Licenses	11-22
coredns-1.7.0 - Apache-2.0	11-22
etcd-3.4.13 - Apache-2.0	11-25
flannel-0.13.0 - Apache-2.0	11-29
kubernetes-cni-plugins-0.9.1 - Apache-2.0	11-32
kubernetes-1.20.6 - Apache-2.0	11-36
conmon-2.0.26 - Apache-2.0	11-39
cri-o-1.20.2 - Apache-2.0	11-42
cri-tools-1.20.0 - Apache-2.0	11-46
kata-ksm-throttler-1.12.1 - Apache-2.0	11-49
kata-proxy-1.12.1 - Apache-2.0	11-53
kata-runtime-1.12.1 - Apache-2.0	11-56
kata-shim-1.12.1 - Apache-2.0	11-59
kata-image-1.12.1 - Apache-2.0	11-63
Third-Party Software Licenses	11-66
github.com/Azure/azure-sdk-for-go v40.6.0 - MIT License	11-66
github.com/Azure/go-autorest/autorest v0.10.2 - Apache License 2.0	11-67
github.com/Azure/go-autorest/autorest/azure/auth v0.4.2 - Apache License 2.0	11-67
github.com/DataDog/datadog-go v3.5.0 - MIT License	11-67
github.com/Shopify/sarama v1.21.0 - MIT License	11-68
github.com/apache/thrift v0.13.0 - Apache License 2.0	11-68
github.com/aws/aws-sdk-go v1.32.1 - Apache License 2.0	11-68
github.com/caddyserver/caddy v1.0.5 - Apache License 2.0	11-69
github.com/cenkalti/backoff/v4 v4.0.2 - MIT License	11-69
github.com/dnstap/golang-dnstap v0.2.0 - Apache-2.0	11-69
github.com/farsightsec/golang-framestream fa4b164d59b8 - Apache-2.0	11-70
github.com/golang/protobuf v1.4.2 - BSD 3-Clause "New" or "Revised" License	11-70
github.com/gophercloud/gophercloud v0.9.0 - Apache-2.0	11-71
github.com/grpc-ecosystem/grpc-opentracing 8e809c8a8645 - BSD-3-Clause	11-71
github.com/hashicorp/golang-lru v0.5.4 - Mozilla Public License 2.0	11-71
github.com/imdario/mergo v0.3.9 - BSD 3-Clause "New" or "Revised" License	11-72
github.com/infobloxopen/go-trees 2af4e13f9062 - Apache License 2.0	11-72
github.com/kr/pretty v0.2.0 - MIT License	11-73
github.com/matttproud/golang_protobuf_extensions v1.0.1 - Apache License 2.0	11-73
github.com/miekg/dns v1.1.29 - BSD-3-Clause	11-73
github.com/opentracing-contrib/go-observer a52f23424492 - Apache License 2.0	11-74

github.com/opentracing/opentracing-go v1.1.0 - Apache License 2.0	11-74
github.com/openzipkin-contrib/zipkin-go-opentracing v0.3.5 - Apache License 2.0	11-75
github.com/philhofer/fwd v1.0.0 - MIT License	11-75
github.com/prometheus/client_golang v1.6.0 - Apache License 2.0	11-75
github.com/prometheus/client_model v0.2.0 - Apache License 2.0	11-76
github.com/prometheus/common v0.10.0 - Apache License 2.0	11-76
github.com/prometheus/prometheus v2.5.0 - Apache License 2.0	11-76
github.com/tinylib/msgp v1.1.2 - MIT	11-76
go.etcd.io/etcd 221f0cc107cb - Apache License 2.0	11-77
go.uber.org/zap v1.14.1 - MIT License	11-77
golang.org/x/crypto 0ec3e9974c59 - BSD-3-Clause	11-78
golang.org/x/sys 1957bb5e6d1f - BSD-3-Clause	11-78
google.golang.org/api v0.26.0 - BSD 3-Clause "New" or "Revised" License	11-79
google.golang.org/grpc v1.29.1 - Apache License 2.0	11-79
gopkg.in/DataDog/dd-trace-go.v1 v1.24.1 - Apache-2.0	11-79
k8s.io/api v0.18.3 - Apache License 2.0	11-80
k8s.io/apimachinery v0.18.3 - Apache License 2.0	11-80
k8s.io/client-go v0.18.3 - Apache License 2.0	11-80
k8s.io/klog v1.0.0 - Apache License 2.0	11-81
github.com/bgentry/speakeasy v0.1.0 - MIT	11-81
github.com/cockroachdb/datadriven 80d97fb3cbaa - Apache License 2.0	11-81
github.com/coreos/go-semver v0.2.0 - Apache License 2.0	11-82
github.com/coreos/go-systemd 39ca1b05acc7 - Apache License 2.0	11-82
github.com/coreos/pkg 3ac0863d7acf - Apache License 2.0	11-82
github.com/creack/pty v1.1.7 - MIT License	11-83
github.com/dgrijalva/jwt-go v3.2.0 - MIT License	11-83
github.com/dustin/go-humanize bb3d318650d4 - MIT	11-84
github.com/fatih/color v1.7.0 - MIT License	11-84
github.com/gogo/protobuf v1.2.1 - BSD-3-Clause	11-84
github.com/golang/groupcache 02826c3e7903 - Apache License 2.0	11-85
github.com/golang/protobuf v1.3.2 - BSD 3-Clause "New" or "Revised" License	11-85
github.com/google/btree v1.0.0 - Apache License 2.0	11-86
github.com/google/uuid v1.0.0 - BSD 3-Clause "New" or "Revised" License	11-86
github.com/gorilla/websocket 4201258b820c - BSD 2-Clause "Simplified" License	11-87
github.com/grpc-ecosystem/go-grpc-middleware f849b5445de4 - Apache License 2.0	11-87
github.com/grpc-ecosystem/go-grpc-prometheus v1.2.0 - Apache License 2.0	11-87
github.com/grpc-ecosystem/grpc-gateway v1.9.5 - BSD 3-Clause "New" or "Revised" License	11-88
github.com/inconshreveable/mousetrap v1.0.0 - Apache-2.0	11-88
github.com/jonboulle/clockwork v0.1.0 - Apache License 2.0	11-89
github.com/json-iterator/go v1.1.7 - MIT License	11-89

github.com/mattn/go-colorable v0.0.9 - MIT License	11-89
github.com/mattn/go-isatty v0.0.4 - MIT License	11-90
github.com/mattn/go-runewidth v0.0.2 - MIT License	11-90
github.com/modern-go/reflect2 v1.0.1 - Apache License 2.0	11-91
github.com/olekukonko/tablewriter a0225b3f23b5 - MIT License	11-91
github.com/prometheus/client_golang v1.0.0 - Apache License 2.0	11-91
github.com/prometheus/client_model 14fe0d1b01d4 - Apache License 2.0	11-92
github.com/sirupsen/logrus v1.4.2 - MIT License	11-92
github.com/soheilhy/cmux v0.1.4 - Apache License 2.0	11-92
github.com/spf13/cobra v0.0.3 - Apache License 2.0	11-93
github.com/spf13/pflag v1.0.1 - BSD 3-Clause "New" or "Revised" License	11-93
github.com/tmc/grpc-websocket-proxy 89b8d40f7ca8 - MIT License	11-94
github.com/urfave/cli v1.20.0 - MIT License	11-94
github.com/xiang90/probing 43a291ad63a2 - MIT License	11-94
go.etcd.io/bbolt v1.3.3 - MIT License	11-95
go.uber.org/atomic v1.3.2 - MIT License	11-95
go.uber.org/multierr v1.1.0 - MIT License	11-96
go.uber.org/zap v1.10.0 - MIT License	11-96
golang.org/x/crypto c2843e01d9a2 - BSD-3-Clause	11-96
golang.org/x/lint d0100b6bd8b3 - BSD 3-Clause "New" or "Revised" License	11-97
golang.org/x/net 74dc4d7220e7 - BSD-3-Clause	11-97
golang.org/x/sys c7b8b68b1456 - BSD-3-Clause	11-98
golang.org/x/text v0.3.3 - BSD-3-Clause	11-99
golang.org/x/time fbb02b2291d2 - BSD-3-Clause	11-99
golang.org/x/tools 2c0ae7006135 - BSD-3-Clause	11-100
google.golang.org/grpc v1.26.0 - Apache License 2.0	11-100
gopkg.in/cheggaaa/pb.v1 v1.0.25 - BSD 3-Clause "New" or "Revised" License	11-100
gopkg.in/yaml.v2 v2.2.2 - Apache-2.0	11-101
honnef.co/go/tools ea95bdfd59fc - MIT	11-101
sig.s.k8s.io/yaml v1.1.0 - MIT & BSD-3-Clause	11-102
cloud.google.com/go 7c205da84d8d - Apache License 2.0	11-102
github.com/Microsoft/hcsshim v0.8.6 - MIT License	11-103
github.com/PuerkitoBio/purell v1.0.0 - BSD 3-Clause "New" or "Revised" License	11-103
github.com/PuerkitoBio/urlesc 5bd2802263f2 - BSD 3-Clause "New" or "Revised" License	11-104
github.com/aws/aws-sdk-go v1.12.54 - Apache License 2.0	11-104
github.com/bronzeman/goStrongswanVici 4d72634a2f11 - MIT License	11-105
github.com/containernetworking/plugins v0.8.6 - Apache License 2.0	11-105
github.com/coreos/etcd v3.1.11 - Apache License 2.0	11-105
github.com/coreos/go-iptables v0.4.5 - Apache License 2.0	11-106
github.com/denverdino/aliyungo f6cab0c35083 - Apache License 2.0	11-106

github.com/docker/distribution v2.4.0 - Apache License 2.0	11-106
github.com/emicklei/go-restful 09691a3b6378 - MIT License	11-106
github.com/ghodss/yaml 73d445a93680 - MIT & BSD-3-Clause	11-107
github.com/go-ini/ini v1.28.1 - Apache License 2.0	11-108
github.com/go-openapi/jsonpointer 46af16f9f7b1 - Apache License 2.0	11-108
github.com/go-openapi/jsonreference 13c6e3589ad9 - Apache License 2.0	11-108
github.com/go-openapi/spec 6aced65f8501 - Apache-2.0	11-109
github.com/go-openapi/swag 1d0bd113de87 - Apache License 2.0	11-109
github.com/gogo/protobuf 909568be09de - BSD-3-Clause	11-109
github.com/golang/glog 44145f04b68c - Apache License 2.0	11-110
github.com/google/gofuzz 44d81051d367 - Apache License 2.0	11-110
github.com/howeyc/gopass 3ca23474a7c7 - ISC License	11-110
github.com/imdario/mergo 6633656539c1 - BSD 3-Clause "New" or "Revised" License	11-111
github.com/jmespath/go-jmespath bd40a432e4c7 - Apache-2.0	11-111
github.com/joho/godotenv 726cc8b906e3 - MIT License	11-112
github.com/juju/errors c7d06af17c68 - LGPL-3.0-only	11-112
github.com/juju/ratelimit 77ed1c8a0121 - LGPL-3.0-only	11-115
github.com/juju/testing 4c23f9c453cd - LGPL-3.0-only	11-117
github.com/mailru/easyjson d5b7844b561a - MIT License	11-120
github.com/niemeyer/pretty a10e7caefd8e - MIT License	11-120
github.com/smartystreets/goconvey v1.6.4 - MIT	11-121
github.com/spf13/pflag 08b1a584251b - BSD 3-Clause "New" or "Revised" License	11-121
github.com/stevvooe/resumable 22b14a53ba50 - BSD 3-Clause "New" or "Revised" License	11-122
github.com/stretchr/testify v1.6.1 - MIT License	11-122
github.com/ugorji/go ded73eae5db7 - MIT License	11-123
github.com/vishvananda/netlink 023a6dafdcdf - Apache License 2.0	11-123
github.com/vishvananda/netns 13995c7128cc - Apache License 2.0	11-123
golang.org/x/net d8887717615a - BSD-3-Clause	11-124
golang.org/x/oauth2 5432cc9688e6 - BSD 3-Clause "New" or "Revised" License	11-124
google.golang.org/api e6586c9293b9 - BSD 3-Clause "New" or "Revised" License	11-125
google.golang.org/appengine 4f7eeb5305a4 - Apache License 2.0	11-125
gopkg.in/check.v1 8fa46927fb4f - BSD-2-Clause	11-126
gopkg.in/inf.v0 v0.9.0 - BSD-3-Clause	11-126
gopkg.in/yaml.v1 9f9df34309c0 - Apache-2.0	11-127
k8s.io/apimachinery 9603df80256c - Apache License 2.0	11-127
k8s.io/client-go a95edf803628 - Apache License 2.0	11-127
github.com/Microsoft/go-winio v0.4.11 - MIT License	11-128
github.com/alexflint/go-filemutex 72bdc8eae2ae - MIT License	11-128
github.com/buger/jsonparser f4dd9f5a6b44 - MIT License	11-128
github.com/containernetworking/cni v0.8.1 - Apache License 2.0	11-129

github.com/coreos/go-iptables v0.5.0 - Apache License 2.0	11-129
github.com/d2g/dhcp4 a1d1b6c41b1c - BSD 3-Clause "New" or "Revised" License	11-129
github.com/d2g/dhcp4client v1.0.0 - Mozilla Public License 2.0	11-130
github.com/d2g/dhcp4server 7d4a0a7f59a5 - Mozilla Public License 2.0	11-130
github.com/d2g/hardwareaddr e7d9fbe030e4 - Mozilla Public License 2.0	11-131
github.com/godbus/dbus 885f9cc04c9c - BSD 2-Clause "Simplified" License	11-131
github.com/j-keck/arping 2cf9dc699c56 - MIT License	11-131
github.com/matttn/go-shellwords v1.0.3 - MIT License	11-132
github.com/onsi/ginkgo v1.12.1 - MIT License	11-132
github.com/onsi/gomega v1.10.3 - MIT License	11-133
github.com/safchain/ethtool 42ed695e3de8 - Apache License 2.0	11-133
github.com/sirupsen/logrus v1.0.6 - MIT License	11-133
github.com/stretchr/testify v1.3.0 - MIT License	11-134
github.com/vishvananda/netlink d40f9887b852 - Apache License 2.0	11-134
golang.org/x/sys d9b008d0a637 - BSD-3-Clause	11-135
gopkg.in/airbrake/gobrake.v2 v2.0.9 - MIT License	11-135
gopkg.in/gemnasium/logrus-airbrake-hook.v2 v2.1.2 - MIT License	11-136
bitbucket.org/bertimus9/systemstat 0eeff89b0690 - MIT License	11-136
github.com/Azure/azure-sdk-for-go v43.0.0 - MIT License	11-136
github.com/Azure/go-autorest/autorest v0.11.1 - Apache License 2.0	11-137
github.com/Azure/go-autorest/autorest/adal v0.9.5 - Apache License 2.0	11-137
github.com/Azure/go-autorest/autorest/to v0.2.0 - Apache License 2.0	11-137
github.com/GoogleCloudPlatform/k8s-cloud-provider 7901bc822317 - Apache License 2.0	11-138
github.com/JeffAshton/win_pdh 76bb4ee9f0ab - BSD-3-Clause	11-138
github.com/Microsoft/go-winio v0.4.15 - MIT License	11-139
github.com/Microsoft/hcsshim 5eafd1556990 - MIT License	11-139
github.com/PuerkitoBio/purell v1.1.1 - BSD 3-Clause "New" or "Revised" License	11-139
github.com/armon/circbuf bbbad097214e - MIT License	11-140
github.com/auth0/go-jwt-middleware 5493cabe49f7 - MIT License	11-140
github.com/aws/aws-sdk-go v1.35.24 - Apache License 2.0	11-141
github.com/blang/semver v3.5.1 - MIT License	11-141
github.com/boltdb/bolt v1.3.1 - MIT License	11-141
github.com/caddyserver/caddy v1.0.3 - Apache License 2.0	11-142
github.com/clusterhq/flocker-go 2b8b7259d313 - Apache License 2.0	11-142
github.com/codegangsta/negroni v1.0.0 - MIT License	11-142
github.com/container-storage-interface/spec v1.2.0 - Apache License 2.0	11-143
github.com/containernetworking/cni v0.8.0 - Apache License 2.0	11-143
github.com/coredns/corefile-migration v1.0.10 - Apache License 2.0	11-144
github.com/coreos/go-oidc v2.1.0 - Apache License 2.0	11-144
github.com/coreos/go-systemd 95778dfbb74e - Apache License 2.0	11-144

github.com/coreos/pkg 399ea9e2e55f - Apache License 2.0	11-144
github.com/cpuguy83/go-md2man/v2 v2.0.0 - MIT License	11-145
github.com/davecgh/go-spew v1.1.1 - ISC License	11-145
github.com/docker/distribution v2.7.1 - Apache License 2.0	11-146
github.com/docker/docker bd33bbf0497b - Apache License 2.0	11-146
github.com/docker/go-connections v0.4.0 - Apache License 2.0	11-146
github.com/docker/go-units v0.4.0 - Apache License 2.0	11-146
github.com/elazarl/goproxy 947c36da3153 - BSD 3-Clause "New" or "Revised" License	11-147
github.com/emicklei/go-restful v2.9.5 - MIT License	11-147
github.com/evanphx/json-patch v4.9.0 - BSD 3-Clause "New" or "Revised" License	11-148
github.com/fsnotify/fsnotify v1.4.9 - BSD 3-Clause "New" or "Revised" License	11-148
github.com/go-bindata/go-bindata v3.1.1 - CC0-1.0	11-149
github.com/go-openapi/loads v0.19.4 - Apache License 2.0	11-149
github.com/go-openapi/spec v0.19.3 - Apache-2.0	11-149
github.com/go-openapi/strfmt v0.19.3 - Apache License 2.0	11-150
github.com/go-openapi/validate v0.19.5 - Apache License 2.0	11-150
github.com/go-ozzo/ozzo-validation v3.5.0 - MIT License	11-150
github.com/godbus/dbus/v5 v5.0.3 - BSD 2-Clause "Simplified" License	11-151
github.com/gogo/protobuf v1.3.2 - BSD-3-Clause	11-151
github.com/golang/groupcache 8c9f03a8e57e - Apache License 2.0	11-152
github.com/golang/mock v1.4.1 - Apache License 2.0	11-152
github.com/google/cadvisor v0.38.8 - Apache-2.0	11-152
github.com/google/go-cmp v0.5.2 - BSD 3-Clause "New" or "Revised" License	11-153
github.com/google/gofuzz v1.1.0 - Apache License 2.0	11-153
github.com/google/uuid v1.1.2 - BSD 3-Clause "New" or "Revised" License	11-154
github.com/googleapis/gnostic v0.4.1 - Apache License 2.0	11-154
github.com/gorilla/context v1.1.1 - BSD 3-Clause "New" or "Revised" License	11-154
github.com/hashicorp/golang-lru v0.5.1 - Mozilla Public License 2.0	11-155
github.com/heketi/heketi c2e2a4ab7ab9 - LGPL-3.0-or-later & Apache-2.0 & GPL-2.0-only	11-155
github.com/heketi/tests f3775cbcefd6 - Apache License 2.0	11-156
github.com/ishidawataru/sctp 7c296d48a2b5 - Apache-2.0	11-156
github.com/json-iterator/go v1.1.10 - MIT License	11-156
github.com/libopenstorage/openstorage v1.0.0 - Apache License 2.0	11-157
github.com/lithammer/dedent v1.1.0 - MIT License	11-157
github.com/lpabon/godbc v0.1.1 - Apache License 2.0	11-157
github.com/miekg/dns v1.1.4 - BSD-3-Clause	11-158
github.com/moby/ipvs v1.0.1 - Apache License 2.0	11-158
github.com/mohae/deepcopy 491d3605edfb - MIT License	11-159
github.com/mrunalp/fileutils abd8a0e76976 - Apache License 2.0	11-159

github.com/munnerz/goautoneg a7dc8b61c822 - BSD 3-Clause "New" or "Revised" License	11-159
github.com/mvdan/xurls v1.1.0 - BSD 3-Clause "New" or "Revised" License	11-160
github.com/onsi/ginkgo v1.11.0 - MIT License	11-160
github.com/onsi/gomega v1.7.0 - MIT License	11-161
github.com/opencontainers/go-digest v1.0.0 - Apache-2.0	11-161
github.com/opencontainers/runc v1.0.0-rc92 - Apache License 2.0	11-162
github.com/opencontainers/selinux v1.6.0 - Apache License 2.0	11-162
github.com/pkg/errors v0.9.1 - BSD 2-Clause "Simplified" License	11-162
github.com/pmezard/go-difflib v1.0.0 - BSD-3-Clause	11-163
github.com/prometheus/client_golang v1.7.1 - Apache License 2.0	11-163
github.com/quobyte/api v0.1.8 - BSD 3-Clause "New" or "Revised" License	11-163
github.com/robfig/cron v1.1.0 - MIT License	11-164
github.com/spf13/afero v1.2.2 - Apache License 2.0	11-164
github.com/spf13/cobra v1.1.1 - Apache License 2.0	11-165
github.com/spf13/jwalterweatherman v1.1.0 - MIT License	11-165
github.com/spf13/pflag v1.0.5 - BSD 3-Clause "New" or "Revised" License	11-165
github.com/spf13/viper v1.7.0 - MIT License	11-166
github.com/storageos/go-api v2.2.0 - MIT & BSD-2-Clause	11-166
github.com/thecodeteam/goscaleio v0.1.0 - Apache License 2.0	11-167
github.com/urfave/negroni v1.0.0 - MIT License	11-167
github.com/vishvananda/netlink v1.1.0 - Apache License 2.0	11-168
github.com/vmware/govmomi v0.20.3 - Apache License 2.0	11-168
go.etcd.io/etcd dd1b699fc489 - Apache License 2.0	11-168
golang.org/x/crypto 7f63de1d35b0 - BSD-3-Clause	11-169
golang.org/x/net 69a78807bb2b - BSD-3-Clause	11-169
golang.org/x/oauth2 bf48bf16ab8d - BSD 3-Clause "New" or "Revised" License	11-170
golang.org/x/sys 5cba982894dd - BSD-3-Clause	11-170
golang.org/x/time 3af7569d3a1e - BSD-3-Clause	11-171
golang.org/x/tools 113979e3529a - BSD-3-Clause	11-171
gonum.org/v1/gonum v0.6.2 - BSD 3-Clause "New" or "Revised" License	11-172
gonum.org/v1/netlib 76723241ea4e - BSD 3-Clause "New" or "Revised" License	11-172
google.golang.org/api v0.20.0 - BSD 3-Clause "New" or "Revised" License	11-173
google.golang.org/appengine v1.6.5 - Apache License 2.0	11-173
google.golang.org/grpc v1.27.1 - Apache License 2.0	11-174
gopkg.in/gcfg.v1 v1.2.0 - BSD-3-Clause	11-174
gopkg.in/square/go-jose.v2 v2.2.2 - Apache License 2.0	11-175
gopkg.in/yaml.v2 v2.2.8 - Apache-2.0	11-175
k8s.io/api v0.0.0 - Apache License 2.0	11-175
k8s.io/apiextensions-apiserver v0.0.0 - Apache License 2.0	11-176
k8s.io/apimachinery v0.0.0 - Apache License 2.0	11-176

k8s.io/apiserver v0.0.0 - Apache License 2.0	11-176
k8s.io/cli-runtime v0.0.0 - Apache License 2.0	11-176
k8s.io/client-go v0.0.0 - Apache License 2.0	11-177
k8s.io/cloud-provider v0.0.0 - Apache License 2.0	11-177
k8s.io/cluster-bootstrap v0.0.0 - Apache License 2.0	11-177
k8s.io/code-generator v0.0.0 - Apache License 2.0	11-178
k8s.io/component-base v0.0.0 - Apache License 2.0	11-178
k8s.io/component-helpers v0.0.0 - Apache License 2.0	11-178
k8s.io/controller-manager v0.0.0 - Apache License 2.0	11-179
k8s.io/cri-api v0.0.0 - Apache License 2.0	11-179
k8s.io/csi-translation-lib v0.0.0 - Apache License 2.0	11-179
k8s.io/gengo 83324d819ded - Apache License 2.0	11-179
k8s.io/heapster v1.2.0-beta.1 - Apache License 2.0	11-180
k8s.io/klog/v2 v2.4.0 - Apache License 2.0	11-180
k8s.io/kube-aggregator v0.0.0 - Apache License 2.0	11-180
k8s.io/kube-controller-manager v0.0.0 - Apache License 2.0	11-181
k8s.io/kube-openapi d219536bb9fd - Apache License 2.0	11-181
k8s.io/kube-proxy v0.0.0 - Apache License 2.0	11-181
k8s.io/kube-scheduler v0.0.0 - Apache License 2.0	11-182
k8s.io/kubectrl v0.0.0 - Apache License 2.0	11-182
k8s.io/kubelet v0.0.0 - Apache License 2.0	11-182
k8s.io/legacy-cloud-providers v0.0.0 - Apache License 2.0	11-183
k8s.io/metrics v0.0.0 - Apache License 2.0	11-183
k8s.io/mount-utils v0.0.0 - Apache License 2.0	11-183
k8s.io/sample-apiserver v0.0.0 - Apache License 2.0	11-183
k8s.io/system-validators v1.2.0 - Apache License 2.0	11-184
k8s.io/utils 67b214c5f920 - Apache License 2.0	11-184
sigs.k8s.io/yaml v1.2.0 - MIT & BSD-3-Clause	11-184
glibc-static 2.17 - LGPLv2+ and LGPLv2+ with exceptions and GPLv2	11-185
glibc-devel 2.56.1 - LGPLv2+	11-193
glibc-devel 2.17 - LGPLv2+ and LGPLv2+ with exceptions and GPLv2	11-201
pkgconfig 0.27.1 - GPLv2+	11-209
github.com/BurntSushi/toml v0.3.1 - MIT License	11-215
github.com/Microsoft/go-winio v0.4.16 - MIT License	11-215
github.com/containerd/cgroups 4cbc285b3327 - Apache License 2.0	11-216
github.com/containerd/containerd v1.4.1 - Apache License 2.0	11-216
github.com/containerd/ttrpc v1.0.2 - Apache License 2.0	11-216
github.com/containerd/networking/plugins v0.8.7 - Apache License 2.0	11-217
github.com/buildah/buildah v1.15.2 - Apache License 2.0	11-217
github.com/containers/common v0.21.0 - Apache License 2.0	11-217
github.com/containers/conmon v2.0.20 - Apache License 2.0	11-217

github.com/containers/image/v5 v5.10.1 - Apache License 2.0	11-218
github.com/containers/libpod/v2 v2.0.6 - Apache License 2.0	11-218
github.com/containers/ocicrypt v1.0.3 - Apache License 2.0	11-218
github.com/containers/storage v1.24.5 - Apache License 2.0	11-219
github.com/coreos/go-systemd/v22 v22.1.0 - Apache License 2.0	11-219
github.com/cpuguy83/go-md2man v1.0.10 - MIT License	11-219
github.com/creack/pty v1.1.11 - MIT License	11-220
github.com/cri-o/ocicni 513ef787b8c9 - Apache License 2.0	11-220
github.com/cyphar/filepath-securejoin v0.2.2 - BSD 3-Clause "New" or "Revised" License	11-221
github.com/go-zoo/bone v1.3.0 - MIT License	11-221
github.com/golang/mock v1.4.4 - Apache License 2.0	11-222
github.com/google/renamio v0.1.0 - Apache License 2.0	11-222
github.com/google/uuid v1.1.4 - BSD 3-Clause "New" or "Revised" License	11-222
github.com/grpc-ecosystem/go-grpc-middleware v1.2.0 - Apache License 2.0	11-223
github.com/hashicorp/errwrap v1.1.0 - Mozilla Public License 2.0	11-223
github.com/hpcloud/tail v1.0.0 - MIT	11-223
github.com/onsi/ginkgo v1.14.1 - MIT License	11-224
github.com/opencontainers/image-spec 79b036d80240 - Apache License 2.0	11-224
github.com/opencontainers/runtime-spec 4d89ac9bfff6 - Apache License 2.0	11-225
github.com/opencontainers/runtime-tools 07406c5828aa - Apache License 2.0	11-225
github.com/opencontainers/selinux v1.8.0 - Apache License 2.0	11-225
github.com/pquerna/ffjson aa0246cd15f7 - Apache License 2.0	11-225
github.com/psampaz/go-mod-outdated v0.7.0 - MIT License	11-226
github.com/sirupsen/logrus v1.7.0 - MIT License	11-226
github.com/stretchr/testify v1.7.0 - MIT License	11-227
github.com/syndtr/gocapability d98352740cb2 - BSD 2-Clause "Simplified" License	11-227
github.com/urfave/cli/v2 v2.2.0 - MIT License	11-228
golang.org/x/net 6772e930b67b - BSD-3-Clause	11-228
golang.org/x/sync 67f06af15bc9 - BSD-3-Clause	11-229
golang.org/x/sys 16f7687f5001 - BSD-3-Clause	11-229
google.golang.org/grpc v1.33.2 - Apache License 2.0	11-230
k8s.io/api v0.19.2 - Apache License 2.0	11-230
k8s.io/apimachinery v0.19.2 - Apache License 2.0	11-230
k8s.io/client-go v0.18.8 - Apache License 2.0	11-231
k8s.io/kubernetes v1.19.2 - Apache License 2.0	11-231
k8s.io/release v0.6.0 - Apache License 2.0	11-231
mvdan.cc/sh/v3 v3.2.0 - BSD 3-Clause "New" or "Revised" License	11-231
github.com/docker/docker c7109494fe65 - Apache License 2.0	11-232
github.com/golang/glog 23def4e6c14b - Apache License 2.0	11-232
github.com/golang/protobuf v1.4.3 - BSD 3-Clause "New" or "Revised" License	11-233

github.com/onsi/ginkgo v1.14.2 - MIT License	11-233
github.com/pborman/uuid v1.2.1 - BSD 3-Clause "New" or "Revised" License	11-234
github.com/urfave/cli/v2 v2.3.0 - MIT License	11-234
gopkg.in/yaml.v3 eeeca48fe776 - Apache-2.0	11-235
k8s.io/client-go v11.0.0 - Apache License 2.0	11-235
k8s.io/kubernetes v0.0.0 - Apache License 2.0	11-235
github.com/davecgh/go-spew v1.1.0 - ISC License	11-235
github.com/fsnotify/fsnotify 4da3e2cfbabc9f751898f250b49f2439785783a1 - BSD 3-Clause "New" or "Revised" License	11-236
github.com/golang/protobuf 1e59b77b52bf8e4b449a57e6f79f21226d571845 - BSD 3-Clause "New" or "Revised" License	11-236
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github.com/stretchr/testify 2aa2c176b9dab406a6970f6a55f513e8a8c8b18f - MIT License	11-237
golang.org/x/crypto 9f005a07e0d31d45e6656d241bb5c0f2efd4bc94 - BSD-3-Clause	11-238
golang.org/x/net a337091b0525af65de94df2eb7e98bd9962dcbe2 - BSD-3-Clause	11-238
golang.org/x/sys bf42f188b9bc6f2cf5b8ee5a912ef1aedd0eba4c - BSD-3-Clause	11-239
golang.org/x/text 88f656faf3f37f690df1a32515b479415e1a6769 - BSD-3-Clause	11-239
google.golang.org/genproto 11c7f9e547da6db876260ce49ea7536985904c9b - Apache License 2.0	11-240
google.golang.org/grpc v1.7.3 - Apache License 2.0	11-240
github.com/hashicorp/yamux f5742cb6 - Mozilla Public License 2.0	11-241
github.com/sirupsen/logrus v1.0.4 - MIT License	11-241
github.com/stretchr/testify v1.2.1 - MIT License	11-241
golang.org/x/crypto 13931e22f9e72ea58bb73048bc752b48c6d4d4ac - BSD-3-Clause	11-242
golang.org/x/sys 810d7000345868fc619eb81f46307107118f4ae1 - BSD-3-Clause	11-242
github.com/Microsoft/go-winio v0.4.12 - MIT License	11-243
github.com/PuerkitoBio/urlesc de5bf2ad457846296e2031421a34e2568e304e35 - BSD 3-Clause "New" or "Revised" License	11-243
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github.com/blang/semver v3.6.1 - MIT License	11-244
github.com/cilium/ebpf c8f8abaa9ece88e9be5b888e23e130e726d9afa4 - MIT License	11-245
github.com/codahale/hdrhistogram 3a0bb77429bd3a61596f5e8a3172445844342120 - MIT License	11-245
github.com/containerd/cgroups c4b9ac5c7601384c965b9646fc515884e091ebb9 - Apache License 2.0	11-246
github.com/containerd/console 0650fd9eeb50bab4fc99dceb9f2e14cf58f36e7f - Apache License 2.0	11-246
github.com/containerd/containerd f05672357f56f26751a521175c5a96fc21fa8603 - Apache License 2.0	11-246

github.com/containerd/cri-containerd 4dd6735020f5596dd41738f8c4f5cb07fa804c5e - Apache License 2.0	11-247
github.com/containerd/fifo a9fb20d87448d386e6d50b1f2e1fa70dcf0de43c - Apache License 2.0	11-247
github.com/containerd/go-runc 7d11b49dc0769f6dbb0d1b19f3d48524d1bad9ad - Apache License 2.0	11-247
github.com/containerd/ttrpc 92c8520ef9f86600c650dd540266a007bf03670f - Apache License 2.0	11-248
github.com/containerd/typeurl 2a93cfde8c20b23de8eb84a5adbc234ddf7a9e8d - Apache License 2.0	11-248
github.com/containernetworking/cni v0.7.1 - Apache License 2.0	11-248
github.com/containernetworking/plugins 485be65581341430f9106a194a98f0f2412245fb - Apache License 2.0	11-249
github.com/coreos/go-systemd 9002847aa1425fb6ac49077c0a630b3b67e0fbfd - Apache License 2.0	11-249
github.com/cri-o/cri-o 3394b3b2d6af0e41d185bb695c6378be5dd4d61d - Apache License 2.0	11-249
github.com/dlespiau/covertool b0c4c6d0583aae4e3b5d12b6ec47767670548cc4 - Apache License 2.0	11-250
github.com/docker/go-units v0.3.3 - Apache License 2.0	11-250
github.com/globalsign/mgo eeefdec41b842af6dc652aaea4026e8403e62df - BSD-2-Clause	11-250
github.com/go-ini/ini 20b96f641a5ea98f2f8619ff4f3e061cff4833bd - Apache License 2.0	11-251
github.com/go-logr/logr v0.2.0 - Apache License 2.0	11-251
github.com/go-openapi/analysis v0.18.0 - Apache License 2.0	11-251
github.com/go-openapi/errors v0.18.0 - Apache License 2.0	11-252
github.com/go-openapi/jsonpointer v0.18.0 - Apache License 2.0	11-252
github.com/go-openapi/jsonreference v0.18.0 - Apache License 2.0	11-252
github.com/go-openapi/loads v0.18.0 - Apache License 2.0	11-253
github.com/go-openapi/runtime v0.18.0 - Apache License 2.0	11-253
github.com/go-openapi/spec v0.18.0 - Apache-2.0	11-253
github.com/go-openapi/strfmt v0.18.0 - Apache License 2.0	11-254
github.com/go-openapi/swag v0.18.0 - Apache License 2.0	11-254
github.com/go-openapi/validate v0.18.0 - Apache License 2.0	11-254
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github.com/konsorten/go-windows-terminal-sequences v1.0.2 - MIT License	11-258
github.com/mailru/easyjson 6243d8e04c3f819e79757e8bc3faa15c3cb27003 - MIT License	11-259
github.com/mdlayher/vsock 7b7533a7ca4eba7dd23dab2de70e25ca6eecf7e2 - MIT License	11-259
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github.com/opentracing/opentracing-go v1.0.2 - Apache License 2.0	11-261
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github.com/seccomp/libseccomp-golang v0.9.0 - BSD 2-Clause "Simplified" License	11-263
github.com/stretchr/testify 890a5c3458b43e6104ff5da8dfa139d013d77544 - MIT License	11-263
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golang.org/x/text v0.3.0 - BSD-3-Clause	11-267
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google.golang.org/grpc d11072e7ca9811b1100b80ca0269ac831f06d024 - Apache License 2.0	11-268
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k8s.io/kubernetes v1.18.4 - Apache License 2.0	11-269
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google.golang.org/genproto a8101f21cf983e773d0c1133ebc5424792003214 - Apache License 2.0	11-273
golang 1.12.17 - BSD	11-273
yq 2.4.0 - MIT	11-273
util-linux 2.23.2 - GPLv2 and GPLv2+ and LGPLv2+ and BSD with advertising and Public Domain	11-274
e2fsprogs 1.42.9 - GPLv2	11-280
qemu-img 1.5.3 - GPLv2 and GPLv2+ and CC-BY	11-285
parted 3.1 - GPLv3+	11-286

12 Licensing for Third-Party Software in Oracle Server X9-2

Oracle Server X9-2 Licensing Information	12-1
Oracle Technology Notices and Licenses	12-1
Third Party Notices and Licenses	12-1
Open Source or Other Separately Licensed Software	12-1
Software Licenses	12-2

13 Licensing for Third-Party Software in Oracle ZFS Storage Appliance ZS9-2

Oracle ZFS Storage Appliance ZS9-2 Licensing Information	13-1
Licensing Information User Manual Oracle ZFS Storage ZS9-2, Release OS8.8.x	13-1
Oracle Technology Notices and Licenses	13-1
Third Party Notices and/or Licenses	13-1

14 Licensing for Third-Party Software in Oracle Cloud Infrastructure

Oracle Cloud Infrastructure Services Licensing Information	14-1
Open Source or Other Separately Licensed Software	14-1
Software Licenses	14-1

Preface

This publication is part of the customer documentation set for Oracle Private Cloud Appliance Release 3.0.1. Note that the documentation follows the release numbering scheme of the appliance software, not the hardware on which it is installed. All Oracle Private Cloud Appliance product documentation is available at <https://docs.oracle.com/en/engineered-systems/private-cloud-appliance/index.html>.

Oracle Private Cloud Appliance Release 3.x is a flexible general purpose Infrastructure as a Service solution, engineered for optimal performance and compatibility with Oracle Cloud Infrastructure. It allows customers to consume the core cloud services from the safety of their own network, behind their own firewall.

Audience

This documentation is intended for owners, administrators and operators of Oracle Private Cloud Appliance. It provides architectural and technical background information about the engineered system components and services, as well as instructions for installation, administration, monitoring and usage.

Oracle Private Cloud Appliance has two strictly separated operating areas, known as enclaves. The Compute Enclave offers a practically identical experience to Oracle Cloud Infrastructure: It allows users to build, configure and manage cloud workloads using compute instances and their associated cloud resources. The Service Enclave is where privileged administrators configure and manage the appliance infrastructure that provides the foundation for the cloud environment. The target audiences of these enclaves are distinct groups of users and administrators. Each enclave also provides its own separate interfaces.

It is assumed that readers have experience with system administration, network and storage configuration, and are familiar with virtualization technologies. Depending on the types of workloads deployed on the system, it is advisable to have a general understanding of container orchestration, and UNIX and Microsoft Windows operating systems.

Feedback

Provide feedback about this documentation at <https://www.oracle.com/goto/docfeedback>.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
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monospace	Monospace type indicates commands within a paragraph, code in examples, text that appears on the screen, or text that you enter.
\$ prompt	The dollar sign (\$) prompt indicates a command run as a non-root user.
# prompt	The pound sign (#) prompt indicates a command run as the <code>root</code> user.

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1

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2

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This chapter includes the software licensing information for Oracle Private Cloud Appliance.

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3

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antlr4-python3-runtime 4.5

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```
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```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
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```
=====
4th Party Dependencies Outline:
```

```
=====
glibc-2.17-317.0.1.el7.x86_64
* /usr/share/doc/glibc-2.17/README
* /usr/share/doc/glibc-2.17/COPYING
* /usr/share/doc/glibc-2.17/COPYING.LIB
* /usr/share/doc/glibc-2.17/LICENSES
ncurses-libs-5.9-14.20130511.el7_4.x86_64
* /usr/share/doc/ncurses-5.9/README
zlib-1.2.7-18.el7.x86_64
* /usr/share/doc/zlib-1.2.7/README
```

```
=====
glibc-2.17-317.0.1.el7.x86_64
=====
/usr/share/doc/glibc-2.17/README
=====
```

This directory contains the sources of the GNU C Library.

See the file "version.h" for what release version you have. The GNU C Library is the standard system C library for all GNU systems, and is an important part of what makes up a GNU system. It provides the system API for all programs written in C and C-compatible languages such as C++ and Objective C; the runtime facilities of other programming languages use the C library to access the underlying operating system. In GNU/Linux systems, the C library works with the Linux kernel to implement the operating system behavior seen by user applications. In GNU/Hurd systems, it works with a microkernel and Hurd servers. The GNU C Library implements much of the POSIX.1 functionality in the GNU/Hurd system, using configurations i[34567]86-*-gnu. The current GNU/Hurd support requires out-of-tree patches that will eventually be incorporated into an official GNU C Library release. When working with Linux kernels, this version of the GNU C Library requires Linux kernel version 2.6.16 or later. Also note that the shared version of the libgcc_s library must be installed for the pthread library to work correctly.

The GNU C Library supports these configurations for using Linux kernels:

```
i[4567]86-*-linux-gnu
x86_64-*-linux-gnu    Can build either x86_64 or x32
powerpc-*-linux-gnu    Hardware floating point required
powerpc64-*-linux-gnu
s390-*-linux-gnu
s390x-*-linux-gnu
sh[34]-*-linux-gnu
sparc-*-linux-gnu
sparc64-*-linux-gnu
```

The code for other CPU configurations supported by volunteers outside of the core glibc maintenance effort is contained in the 'ports' add-on, located in the 'ports' subdirectory of the source tree.

```
aarch64-*-linux-gnu
alpha-*-linux-gnu
am33-*-linux-gnu      Not currently functional
arm-*-linux-gnueabi
hppa-*-linux-gnu      Not currently functional without patches.
ia64-*-linux-gnu
m68k-*-linux-gnu
mips-*-linux-gnu
mips64-*-linux-gnu
powerpc-*-linux-gnu    Software floating point (--without-fp)
tilegx-*-linux-gnu
tilepro-*-linux-gnu
```

If you are interested in doing a port, please contact the glibc maintainers; see <http://www.gnu.org/software/libc/> for more information.

See the file INSTALL to find out how to configure, build, and install the GNU C Library. You might also consider reading the WWW pages for the C library at <http://www.gnu.org/software/libc/>.

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That's all there is to it!

cliff 3.4.0

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cmd2 1.3.11

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colorama 0.4.4

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coredns 1.8.4

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github.com/openzipkin/zipkin-go
github.com/prometheus/client_golang
github.com/prometheus/client_model
github.com/prometheus/common
github.com/prometheus/procfs
go.etcd.io/etcd/api/v3
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cuttlefish 2.1.0

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dnspython 1.16.0

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```

```

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github.com/Azure/go-autorest
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github.com/sirupsen/logrus
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github.com/aws/aws-sdk-go
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google.golang.org/protobuf

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github.com/gogo/protobuf

github.com/golang/protobuf

github.com/google/go-cmp

github.com/google/uuid

github.com/imdario/mergo

github.com/miekg/dns

github.com/spf13/pflag

golang.org/x/crypto

golang.org/x/net

```
golang.org/x/oauth2
golang.org/x/sys
golang.org/x/term
golang.org/x/text
golang.org/x/time
google.golang.org/protobuf
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github.com/blang/semver
github.com/cespare/xxhash/v2
github.com/json-iterator/go
gopkg.in/yaml.v3
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external-resizer 1.1.0

github.com/kubernetes-csi/external-resizer

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external-snapshotter 3.0.3

external-snapshotter

github.com/kubernetes-csi/external-snapshotter/v2

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github.com/evanphx/json-patch

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github.com/pkg/errors

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github.com/hashicorp/golang-lru

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greenlet 0.4.17

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gunicorn 20.0.4

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gunicorn.logging_config

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doc/sitemap_gen.py

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util/unlink.py

backport fropp python3 Lib/test/support.py

unicorn/selectors.py

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Haproxy 2.3.10

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jackson-core 2.10.3

```
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 *  
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 */  
package com.fasterxml.jackson.core;  
-----
```

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jackson-core 2.12.2

Jackson Core

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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jackson-jaxrs-base 2.10.3

jackson-jaxrs-base v2.10.2

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jackson-module-jaxb-annotations 2.9.9

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Source Code

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* <https://github.com/eclipse-ee4j/jsonp>

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RequireJS i18n 2.0.2

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Author: Miller Medeiros
Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)

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Javassist 3.27.0-GA

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jersey-common 2.31

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* [The TCK repository] (https://github.com/eclipse-ee4j/beanvalidation-tck)
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- David Cramer

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JMESPath 0.9.0

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joda-time 2.10.6

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libvirt-python 5.7.0

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RNG2Schtrn.xsl:

Stylesheet for extracting Schematron information from a RELAX-NG schema.
Based on the stylesheet for extracting Schematron information from
W3C XML Schema.
Created by Eddie Robertsson 2002/06/01
2009/12/10 hj: changed Schematron namespace to ISO URI (Holger Joukl)

XSD2Schtrn.xsl:

based on an original transform by Eddie Robertsson
2001/04/21 fn: added support for included schemas
2001/06/27 er: changed XML Schema prefix from xsd: to xs: and
changed to the Rec namespace
2009/12/10 hj: changed Schematron namespace to ISO URI (Holger Joukl)

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markupsafe 1.1.1

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Mina SSHD 2.6.0

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github.com/prometheus/client_model/go              0.14.0    Apache 2.0
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"revisionTime": "2018-05-18T15:47:59Z",          Apache 2.0
github.com/prometheus/procfs                      "revision": "7d6f385de8bea29190f15ba9931442a0eae9af7",
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"revisionTime": "2017-06-09T00:26:10Z", BSD style license
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"revisionTime": "2018-06-27T13:57:12Z"),
golang.org/x/crypto("revision": "a49355c7e3f8fe157a85be2f77e6e269a0f89602",
"revisionTime": "2018-06-20T09:14:27Z"),
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"revisionTime": "2017-12-17T18:08:21Z", MIT license
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netaddr 0.8.0

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netifaces 0.11.0

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wheel 0.32.3

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cffi>=1.8,!<1.11.3

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idna >= 2.1

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python-dateutil 2.8.1

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sphinx-rtd-theme 0.4.2

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lib/lldp/lldpd-structs.h
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OpenSSH 7.4p1-21.0.1

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*
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*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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ovs (Python) 2.16.90

```
https://github.com/openvswitch/ovs/blob/v2.14.0/NOTICE  
-----
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-----
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<http://www.freebsd.org/cgi/cvsweb.cgi/~checkout~/src/lib/libcrypt/crypt.c?
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    converted to python May 2008
    by Eli Collins
DES
---
The source file ``passlib/crypto/des.py`` contains code derived from
`UnixCrypt.java` <http://www.dynamic.net.au/christos/crypt/UnixCrypt2.txt>`,
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    by Greg Wilkins (gregw)
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    by Eli Collins
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pbr 5.4.5

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PyJWT 2.3.0

PyJWT 1.7.1
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pyparsing 2.4.6

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pyperclip 1.8.0

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pyserial 3.5

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PySocks 1.7.1

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python 3.6.8-17

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History and License

History of the software

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

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

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

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Release

Derived from

Year

Owner

GPL compatible?

0.9.0 thru 1.2

n/a

1991-1995

CWI

yes

1.3 thru 1.5.2

1.2

1995-1999

CNRI

yes

1.6

1.5.2

2000

CNRI

no

2.0

1.6

2000

BeOpen.com

no

1.6.1

1.6

2001

CNRI

no

2.1

2.0+1.6.1

2001

PSF

no

2.0.1

2.0+1.6.1

2001

PSF

yes

2.1.1

2.1+2.0.1

2001

PSF

yes

2.1.2

2.1.1

2002

PSF

yes

2.1.3

2.1.2

2002

PSF

yes

2.2 and above

2.1.1

2001-now

PSF

yes

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Mersenne Twister

The `_random` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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Sockets

The socket module uses the functions, `getaddrinfo()`, and `getnameinfo()`, which are coded in separate source files from the WIDE Project,

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphash24/little)

djb (supercop/crypto_auth/siphash24/little2)
 Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)
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Jean-loup Gailly	Mark Adler
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cfuhash	

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Python 2.7.5-89

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=====

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

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python-dateutil 2.8.1

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python-libs 2.7.5-89.0.1

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

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

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes

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python-rsa 4.6

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python-swiftclient 3.11.1

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python-xmlsec 1.3.8

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python3-saml 1.12.0

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-----4th-party dependencies-----

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libxmlsec1

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pytz 2020.1

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pyyaml 5.1.2

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QEMU 4.2.1-10

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gemu has the following 4th party dependencies :

seabios-bin 1.11.0-2

sgabios-bin 0.20110622svn-4

```
ipxe-roms-qemu      20180825-3.git133f4c.e17
python              2.7.5-89.0.1.e17
```

```
=====
4th party 1: seabios-bin
https://github.com/coreboot/seabios
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```

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Version 3, 29 June 2007

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4th party 4: python2

A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see <http://www.zope.com>). In 2001, the Python Software
Foundation (PSF, see <http://www.python.org/psf/>) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
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All Python releases are Open Source (see <http://www.opensource.org> for
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Release	Derived from	Year	Owner	GPL- compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes

2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.7	2.6	2010	PSF	yes

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qemu-kvm 1.5.3-175.el7

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RabbitMQ 3.8.2

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rabbitmq-management-agent - MPL 1.1

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exometer_slide.erl

```
%% This file is a copy of exometer_slide.erl from
https://github.com/Feuerlabs/exometer_core,
%% with the following modifications:
%%
%% 1) The elements are tuples of numbers
%%
%% 2) Only one element for each expected interval point is added, intermediate
values
%% are discarded. Thus, if we have a window of 60s and interval of 5s, at max
12 elements
%% are stored.
%%
%% 3) Additions can be provided as increments to the last value stored
%%
%% 4) sum/1 implements the sum of several slides, generating a new timestamp
sequence based
%% on the given intervals. Elements on each window are added to the closest
interval point.
%%
%% Original commit: https://github.com/Feuerlabs/exometer_core/commit/2759edc804
211b5245867b32c9a20c8fe1d93441
%%
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%%
%% -----
%%
%% @author Tony Rogvall <tony@rogvall.se>
```

```
%% @author Ulf Wiger <ulf@feuerlabs.com>
%% @author Magnus Feuer <magnus@feuerlabs.com>
%%
%% @doc Efficient sliding-window buffer
%%
%% Initial implementation: 29 Sep 2009 by Tony Rogvall
%%
%% This module implements an efficient sliding window, maintaining
%% two lists - a primary and a secondary. Values are paired with a
%% timestamp (millisecond resolution, see `timestamp/0`)
%% and prepended to the primary list. When the time span between the oldest
%% and the newest entry in the primary list exceeds the given window size,
%% the primary list is shifted into the secondary list position, and the
%% new entry is added to a new (empty) primary list.
%%
%% The window can be converted to a list using `to_list/1`.
%% @end
%%
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requests 2.24.0

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```
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include/ruby/oniguruma.h:
regcomp.c:
regenc.c:
regenc.h:
regerror.c:
regex.c:
regint.h:
regparse.c:
regparse.h:
enc/ascii.c:
enc/big5.c:
enc/cp949.c:
enc/emacs_mule.c:
enc/encdb.c:
```

```
enc/euc_jp.c:
enc/euc_kr.c:
enc/euc_tw.c:
enc/gb18030.c:
enc/gb2312.c:
enc/gbk.c:
enc/iso_8859_1.c:
enc/iso_8859_10.c:
enc/iso_8859_11.c:
enc/iso_8859_13.c:
enc/iso_8859_14.c:
enc/iso_8859_15.c:
enc/iso_8859_16.c:
enc/iso_8859_2.c:
enc/iso_8859_3.c:
enc/iso_8859_4.c:
enc/iso_8859_5.c:
enc/iso_8859_6.c:
enc/iso_8859_7.c:
enc/iso_8859_8.c:
enc/iso_8859_9.c:
enc/koi8_r.c:
enc/koi8_u.c:
enc/shift_jis.c:
enc/unicode.c:
enc/us_ascii.c:
enc/utf_16be.c:
enc/utf_16le.c:
enc/utf_32be.c:
enc/utf_32le.c:
enc/utf_8.c:
enc/windows_1251.c:
```

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enc/trans/JIS/JISX0212%UCS.src:
enc/trans/JIS/UCS%JISX0201-KANA.src:
enc/trans/JIS/UCS%JISX0208@1990.src:
enc/trans/JIS/UCS%JISX0212.src:

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enc/trans/JIS/JISX0213-1%UCS@SIP.src:
enc/trans/JIS/JISX0213-2%UCS@BMP.src:

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enc/trans/JIS/UCS@BMP%JISX0213-2.src:

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A C-program for MT19937, with initialization improved 2002/2/10.
Coded by Takuji Nishimura and Makoto Matsumoto.
This is a faster version by taking Shawn Cokus's optimization,
Matthe Bellew's simplification, Isaku Wada's real version.

Before using, initialize the state by using `init_genrand(seed)`
or `init_by_array(init_key, key_length)`.

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jhb \$

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strftime.c:
include/ruby/st.h:
missing/acosh.c:
missing/alloca.c:
missing/dup2.c:
missing/erf.c:
missing/finite.c:
missing/hypot.c:
missing/isinf.c:
missing/isnan.c:
missing/lgamma_r.c:
missing/memcmp.c:
missing/memmove.c:
missing/strchr.c:
missing/sterror.c:
missing/strstr.c:
missing/tgamma.c:
ext/date/date_strftime.c:
ext/digest/sha1/sha1.c:
ext/digest/sha1/sha1.h:
ext/sdbm/_sdbm.c:
ext/sdbm/sdbm.h:
```

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SAML Java Toolkit 2.6.0

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org.apache.commons:commons-lang3
commons-codec:commons-codec
org.slf4j:slf4j-api

4th party 1: xmlsec

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4th party 2: joda-time
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4th party 5: slf4j-api

Simple Logging Facade for Java (SLF4J) 1.7.30

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setuptools 50.3.0

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Modules:

slf4j-api
slf4j-simple
slf4j-nop
slf4j-jdk14
slf4j-log4j12
slf4j-ext
jcl-over-slf4j
log4j-over-slf4j
jul-to-slf4j
osgi-over-slf4j
integration
slf4j-site
slf4j-migrator

4P Dependencies:

=== This dependency is only used in slf4j-ext

ch.qos.call10n call10n-api
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Telegraf 1.18.3

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files=`git diff-tree --no-commit-id --name-only --diff-filter=ACMR -r HEAD | \
    egrep '\.(go|proto|py|sh)$' | grep -v '\.pb\.go$'`
status=0
for file in $files; do
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`go-zookeeper - Native ZooKeeper client for Go`

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The Falcon Web Framework 1.4.1

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uln-yum-mirror 0.3.0-7

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yum-arch 2.2.2

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urllib3 1.25.11

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Vault 1.7.1

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----- Dependency
@types/html-minifier-terser
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@types/json-schema
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@types/markdown-to-jsx
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@types/minimist
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@types/node
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@types/uglify-js
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@types/scheduler
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@types/symlink-or-copy
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----- Dependency
@types/unist
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----- Dependencies Summary
@types/braces
@types/color-name
@types/fs-extra
@types/glob-base
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@types/overlayscrollbars
@types/parse-json
@types/pretty-hrtime
@types/prop-types
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@types/rimraf
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@csstools/normalize.css
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css-blank-pseudo
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----- Dependency
css-has-pseudo
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css-prefers-color-scheme
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----- Dependency
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----- Dependency
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sanitize.css
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stylelint-media-use-custom-media
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stylelint-use-nesting
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stylelint-value-no-unknown-custom-properties
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@csstools/normalize.css
css-blank-pseudo
css-has-pseudo
css-prefers-color-scheme
postcss-browser-comments
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sanitize.css
stylelint-media-use-custom-media
stylelint-use-nesting
stylelint-value-no-unknown-custom-properties
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page_title: /sys/license - HTTP API

sidebar_title: <code>/sys/license</code>

description: |-

 The `/sys/license` endpoint is used to view and update the license used in Vault.

`/sys/license`

~> **Enterprise Only** - These endpoints require Vault Enterprise.

The `/sys/license` endpoint is used to view and update the license used in Vault.

Read License

This endpoint returns information about the currently installed license.

```
| Method | Path |
| :----- | :----- |
| `GET` | `/sys/license` |
### Sample Request
```shell-session
$ curl \
 --header "X-Vault-Token: ..." \
 http://127.0.0.1:8200/v1/sys/license
...

Sample Response
```json
{
  "data": {
    "expiration_time": "2017-11-14T16:34:36.546753-05:00",
    "features": ["UI", "HSM", "Performance Replication", "DR Replication"],
    "license_id": "temporary",
    "start_time": "2017-11-14T16:04:36.546753-05:00"
  },
  "warnings": ["time left on license is 29m33s"]
}
...

```

Install License

This endpoint is used to install a license into Vault.

```
| Method | Path |
| :----- | :----- |
| `PUT` | `/sys/license` |
### Parameters
- `text` `(string: <required>)` - The text of the license.
- `dr_operation_token` `(string: <required>)` - DR operation token used to
  authorize this request.
### Sample Payload
```json
{
 "text": "01ABCDEFGF..."
}
...

```

#### ### Sample Request

```
```shell-session
$ curl \
  --header "X-Vault-Token: ..." \
  --request PUT \
  --data @payload.json \
  http://127.0.0.1:8200/v1/sys/license
...

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@ampproject/toolbox-script-csp
@ampproject/toolbox-validator-rules
@ember/test-helpers
@opentelemetry/api
@opentelemetry/context-base
@webassemblyjs/leb128
@xtuc/long
ansi-html
aria-query
axobject-query
cloud.google.com/go
cloud.google.com/go/spanner
cloud.google.com/go/storage
code.cloudfoundry.org/gofileutils
detect-libc
doctrine
ejs
eslint-visitor-keys
fuse.js
github.com/Azure/azure-sdk-for-go
github.com/Azure/go-autorest/autorest
github.com/Azure/go-autorest/autorest/adal
github.com/Azure/go-autorest/autorest/azure/auth
github.com/Azure/go-autorest/autorest/azure/cli
github.com/Azure/go-autorest/autorest/date
github.com/Azure/go-autorest/autorest/to
github.com/Azure/go-autorest/autorest/validation
github.com/Azure/go-autorest/logger
github.com/Azure/go-autorest/tracing
github.com/NYTimes/gziphandler
github.com/SAP/go-hdb
github.com/Sectorbob/mlab-ns2
github.com/aerospike/aerospike-client-go
github.com/aliyun/alibaba-cloud-sdk-go
github.com/aws/aws-sdk-go
github.com/cockroachdb/cockroach-go
github.com/containerd/containerd
github.com/containerd/continuity
github.com/coreos/go-oidc
github.com/coreos/go-semver
github.com/coreos/go-systemd/v22
github.com/couchbase/gocb/v2
github.com/couchbase/gocbcore/v9
github.com/denverdino/aliyungo
github.com/dimchansky/utfbom
github.com/docker/distribution
github.com/docker/docker
github.com/docker/go-connections
github.com/docker/go-units
github.com/go-yaml/yaml
github.com/golang-sql/civil
github.com/golang/groupcache
github.com/google/flatbuffers
github.com/google/go-metrics-stackdriver
github.com/google/gofuzz
github.com/googleapis/gnostic
github.com/gophercloud/gophercloud
github.com/jcmturner/aescts
github.com/jcmturner/dnsutils
```

```

github.com/jcmtturner/goidentity/v6
github.com/jcmtturner/gokrb5/v8
github.com/jcmtturner/rpc/v2
github.com/matttproud/golang_protobuf_extensions
github.com/modern-go/concurrent
github.com/modern-go/reflect2
github.com/oklog/run
github.com/opencontainers/go-digest
github.com/opencontainers/image-spec
github.com/opencontainers/runc
github.com/oracle/oci-go-sdk
github.com/pquerna/cachecontrol
github.com/pquerna/otp
github.com/prometheus/client_golang
github.com/prometheus/client_model
github.com/prometheus/common
github.com/prometheus/procfs
github.com/sethvargo/go-limiter
github.com/snowflakedb/gosnowflake
github.com/softlayer/softlayer-go
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acorn-walk
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ajv-keywords

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ast-types
astral-regex
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async-disk-cache
async-limiter
async-promise-queue
asynckit
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babel-plugin-module-resolver
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babel-plugin-polyfill-corejs3
babel-plugin-polyfill-regenerator
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balanced-match
base
base64-js
batch-processor
better-opn
bfj
big.js

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bin-check
bin-version
bin-version-check
bin-wrapper
binary-extensions
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bluebird
bn.js
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boxen
brace-expansion
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broccoli-debug
broccoli-funnel
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broccoli-plugin
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broccoli-stew
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buffer-from
buffer-xor
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clean-up-path
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cli-table3
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clone-regexp
clone-response
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command-line-tool
command-line-usage
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config-chain
config-master
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cookie-signature
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csstype
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debug
decamelize
decamelize-keys
decode-uri-component
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decompress-tarbz2
decompress-targz
decompress-unzip
dedent
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deep-extend
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deep-object-diff
deepmerge
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delegates
depd
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destroy
detab
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detect-port
detect-port-alt
diffie-hellman
dir-glob
dmd
dom-converter
dom-helpers
dom-serializer
dom-walk
domain-browser
dot-case
dotenv-defaults
dotenv-webpack
download
downshift
duplexer
duplexify
editions
ee-first
element-resize-detector
elliptic

ember-cli-babel
ember-cli-htmlbars
ember-cli-typescript
ember-compatibility-helpers
ember-destroyable-polyfill
ember-source
emoji-regex
emotion-theming
encodeurl
end-of-stream
enhanced-resolve
enquirer
errno
error-ex
error-stack-parser
es-abstract
es-array-method-boxes-properly
es-get-iterator
es-to-primitive
es5-shim
es6-shim
escalade
escape-html
escape-string-regexp
eslint
eslint-config-prettier
eslint-plugin-jsx-ally
eslint-plugin-react
eslint-utils
etag
event-target-shim
events
evp_bytestokey
exec-buffer
execa
execall
executable
expand-brackets
expand-template
express
ext-list
ext-name
extend
extend-shallow
external-editor
extglob
fast-deep-equal
fast-glob
fast-json-stable-stringify
fast-levenshtein
fast-sourcemap-concat
fastest-levenshtein
fault
fbjs
fd-slicer
figures
file-entry-cache
file-loader
file-set
file-system-cache
file-type

filename-reserved-regex
filenamify
fill-range
finalhandler
find-babel-config
find-cache-dir
find-index
find-replace
find-up
find-versions
fixturify
fixturify-project
flat-cache
flatten
flush-write-stream
focus-lock
for-in
fork-ts-checker-webpack-plugin
form-data
formik
forwarded
fragment-cache
fresh
from2
fs-constants
fs-exists-sync
fs-extra
fs-merger
fs-then-native
fs-updater
function-bind
function.prototype.name
functional-red-black-tree
functions-have-names
fuzzysearch
gensync
get-intrinsic
get-proxy
get-stream
get-value
github-from-package
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gopkg.in/yaml.v3
got
graphql
graphql-request
gray-matter
gzip-size
handlebars
hard-rejection
has
has-ansi
has-bigints
has-flag
has-glob
has-symbol-support-x
has-symbols
has-to-string-tag-x
has-value
has-values
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hash.js
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hast-util-is-element
hast-util-parse-selector
hast-util-raw
hast-util-to-html
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hmac-drbg
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html-entities
html-minifier-terser
html-tags
html-void-elements
html-webpack-plugin
htmlparser2
http-errors
https-browserify
iconv-lite
iferr
ignore
imagemin
imagemin-mozjpeg
imagemin-optipng
imagemin-svgo
img-loader
immer
import-fresh
import-lazy
imurmurhash
indent-string

indexes-of
inflection
inquirer
internal-slot
interpret
into-stream
invariant
ip
ip-regex
ipaddr.js
is-absolute-url
is-accessor-descriptor
is-alphabetical
is-alphanumeric
is-alphanumerical
is-arguments
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is-bigint
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is-descriptor
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is-object
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is-plain-object
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is-url-superb
is-utf8
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is-windows
is-word-character

is-wsl
isarray
iserror
isobject
isomorphic-fetch
istextorbinary
isurl
iterate-iterator
iterate-value
jake
jest-worker
jquery
js-cookie
js-tokens
js-yaml
jsdoc-api
jsdoc-parse
jsdoc-to-markdown
jsesc
json-buffer
json-parse-better-errors
json-parse-even-better-errors
json-schema-traverse
json-stable-stringify
json-stable-stringify-without-jsonify
json5
jsonfile
jstz
jsx-ast-utils
junk
katex
keyv
kind-of
klaw
kleur
klona
known-css-properties
leven
levenary
levn
line-column
line-reader
lines-and-columns
linkify-it
lint-staged
listr2
load-json-file
loader-runner
loader-utils
locate-path
lodash
lodash-es
lodash._reinterpolate
lodash.camelcase
lodash.debounce
lodash.foreach
lodash.memoize
lodash.merge
lodash.omit
lodash.padend
lodash.pick

lodash.sortby
lodash.template
lodash.templatesettings
lodash.throttle
lodash.uniq
log-symbols
log-update
logalot
longest
longest-streak
loose-envify
loud-rejection
lower-case
lowercase-keys
lowlight
lpad-align
magic-string
make-dir
map-cache
map-obj
map-or-similar
map-visit
markdown-escapes
markdown-it
markdown-table
markdown-to-jsx
marked
mathml-tag-names
md5.js
mdast-squeeze-paragraphs
mdast-util-compact
mdast-util-definitions
mdast-util-from-markdown
mdast-util-math
mdast-util-to-hast
mdast-util-to-markdown
mdast-util-to-string
mdurl
media-typer
memoize-one
memoizerific
memory-fs
memory-streams
meow
merge-descriptors
merge-stream
merge-trees
merge2
methods
microevent.ts
micromark
micromark-extension-math
micromatch
miller-rabin
mime
mime-db
mime-types
mimic-fn
mimic-response
min-document
min-indent

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minimalistic-crypto-utils
minimist
minimist-options
minizlib
mixin-deep
mkdirp
mkdirp-classic
mkdirp2
mktemp
mozjpeg
ms
nanoid
nanomatch
napi-build-utils
negotiator
neo-async
nested-error-stacks
next
next-optimized-images
next-transpile-modules
nice-try
no-case
node-abi
node-addon-api
node-fetch
node-html-parser
node-libs-browser
node-modules-regexp
node-releases
normalize-html-whitespace
normalize-path
normalize-range
normalize-url
npm-conf
npm-run-path
nprogress
num2fraction
number-is-nan
object-assign
object-copy
object-get
object-hash
object-inspect
object-is
object-keys
object-to-spawn-args
object-visit
object.assign
object.entries
object.fromentries
object.getownpropertydescriptors
object.pick
object.values
on-finished
onetime
open
opener
optionator
optipng-bin
os-browserify
os-filter-obj
```

os-tmpdir
overlayscrollbars
p-all
p-cancelable
p-event
p-filter
p-finally
p-is-promise
p-limit
p-locate
p-map
p-map-series
p-pipe
p-reduce
p-timeout
p-try
pako
parallel-transform
param-case
parent-module
parse-entities
parse-json
parse-static-imports
parse5
parseurl
pascal-case
pascalcase
path-browserify
path-dirname
path-exists
path-is-absolute
path-key
path-parse
path-posix
path-root
path-root-regex
path-to-regexp
path-type
pbkdf2
pend
picomatch
pify
pinkie
pinkie-promise
pirates
pkg-conf
pkg-dir
pkg-up
platform
please-upgrade-node
pnp-webpack-plugin
polished
posix-character-classes
postcss
postcss-attribute-case-insensitive
postcss-color-hex-alpha
postcss-color-rebeccapurple
postcss-custom-media
postcss-custom-properties
postcss-custom-selectors
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postcss-font-variant
postcss-html
postcss-initial
postcss-less
postcss-loader
postcss-media-minmax
postcss-modules-local-by-default
postcss-page-break
postcss-replace-overflow-wrap
postcss-resolve-nested-selector
postcss-safe-parser
postcss-sass
postcss-scss
postcss-selector-matches
postcss-selector-not
postcss-selector-parser
postcss-sorting
postcss-syntax
postcss-value-parser
postcss-values-parser
prebuild-install
prelude-ls
prepend-http
prettier
pretty-error
pretty-hrtime
prismjs
private
process
progress
promise
promise-map-series
promise-polyfill
promise.allsettled
promise.prototype.finally
prompts
prop-types
property-information
proxy-addr
prr
public-encrypt
pump
pumpify
punycode
q
query-string
querystring
querystring-es3
queue-microtask
quick-lru
quick-temp
ramda
randombytes
randomfill
range-parser
raw-body
raw-loader
react
react-clientside-effect
react-colorful
react-dev-utils

react-dom
react-draggable
react-error-overlay
react-fast-compare
react-focus-lock
react-input-autosize
react-is
react-lifecycles-compat
react-popover
react-popover-tooltip
react-refresh
react-sizeme
react-syntax-highlighter
react-textarea-autosize
read-pkg
read-pkg-up
readable-stream
readdirp
recast
recursive-readdir
redent
reduce-extract
reduce-flatten
reduce-unique
reduce-without
refractor
regenerate
regenerate-unicode-properties
regenerator-runtime
regenerator-transform
regex-not
regexp.prototype.flags
regexp
regexpu-core
regjsen
rehype-katex
relateurl
remark-footnotes
remark-mdx
remark-rehype
remark-squeeze-paragraphs
renderkid
repeat-element
repeat-string
repeating
replace-ext
require-from-string
requizzle
reselect
resize-observer-polyfill
resolve
resolve-from
resolve-url
responselike
restore-cursor
ret
reusify
ripemd160
rsvp
run-async
run-parallel

safe-buffer
safe-regex
safer-buffer
scheduler
schema-utils
search-insights
section-matter
seek-bzip
semver-compare
semver-regex
semver-truncate
send
serve-favicon
serve-static
set-value
setimmediate
sha.js
shallow-clone
shallowequal
shebang-command
shebang-regex
shell-quote
shellwords
side-channel
signale
simple-concat
simple-get
simple-swizzle
simplebar
simplebar-react
sisteransi
slash
slice-ansi
slugify
snapdragon
snapdragon-node
snapdragon-util
sort-array
sort-keys
sort-keys-length
source-list-map
source-map-resolve
source-map-support
sourcemap-codec
sourcemap-validator
space-separated-tokens
spdx-expression-parse
specificity
split-string
squeak
stable
stack-generator
stackframe
stacktrace-parser
state-toggle
static-extend
statuses
stream-browserify
stream-connect
stream-each
stream-http

stream-shift
stream-via
strict-uri-encode
string-argv
string-width
string.prototype.matchall
string.prototype.padend
string.prototype.padstart
string.prototype.trimend
string.prototype.trimstart
string_decoder
stringify-entities
strip-ansi
strip-bom
strip-bom-string
strip-dirs
strip-eof
strip-final-newline
strip-indent
strip-json-comments
strip-outer
style-loader
style-to-object
styled-jsx
stylelint
stylelint-config-prettier
stylelint-config-recommended
stylelint-config-standard
stylelint-order
stylis
sugarss
supports-color
svg-tags
svgo
symbol.prototype.description
symlink-or-copy
table-layout
tapable
tar-fs
tar-stream
temp-dir
temp-path
tempfile
term-size
terser-webpack-plugin
test-value
text-table
throttle-debounce
through2
timed-out
timers-browserify
tiny-emitter
tiny-warning
tippy.js
tlds
tmp
to-arraybuffer
to-buffer
to-fast-properties
to-object-path
to-regex

to-regex-range
to-vfile
toidentifier
tr46
tree-sync
trim
trim-newlines
trim-repeated
trim-trailing-lines
trough
tryer
ts-dedent
ts-pnp
tsutils
tty-browserify
type-check
type-fest
type-is
typed-styles
typedarray
typedarray-to-buffer
typical
ua-parser-js
uc.micro
unbox-primitive
unbzip2-stream
underscore
underscore.string
unfetch
unherit
unicode-canonical-property-names-ecmascript
unicode-match-property-ecmascript
unicode-match-property-value-ecmascript
unicode-property-aliases-ecmascript
unified
union-value
uniq
unist-builder
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unist-util-find-all-after
unist-util-flatmap
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unist-util-stringify-position
unist-util-visit
unist-util-visit-parents
universalify
unpipe
unset-value
upath
urix
url
url-loader
url-parse-lax
url-regex
url-to-options
use

```
use-isomorphic-layout-effect
use-subscription
util
util-deprecate
util.promisify
utila
utils-merge
uuid
v8-compile-cache
vary
vfile
vfile-location
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vm-browserify
walk-back
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warning
watchpack
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webpack
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webpack-dev-middleware
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@hashicorp/react-enterprise-alert
@hashicorp/react-global-styles
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@hashicorp/react-section-header
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4P Dependency: org.codehaus.woodstox:stax2-api:4.2.1

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```
package-cleanup.py
debuginfo-install.py
find-repos-of-install.py
needs-restarting.py
repo-check.py
repo-graph.py
repo-rss.py
repoclosure.py
repo-diff.py
repo manage.py
```



```
repoquery.py
reposync.py
repotrack.py
show-changed-rco.py
verifytree.py
yum-builddep.py
yum-complete-transaction.py
yum-debug-dump.py
yum-debug-restore.py
yum-util-cli-template
yumdownloader.py
yum v3.4.3
yum/callback.py
yum/cli.py
yum/yum-updatesd.py
yum/yumcommands.py
yum/yummain.py
```

```
=====
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kube-rbac-proxy 0.4.1

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github.com/go-openapi/swag
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cloud.google.com/go/storage

detect-libc

diff-match-patch

fast-text-encoding

github.com/FZambia/sentinel

github.com/apache/arrow/go/arrow

github.com/aws/aws-sdk-go

github.com/bradfitz/gomemcache

github.com/deepmap/oapi-codegen

github.com/go-macaron/binding

github.com/go-macaron/gzip

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github.com/go-macaron/inject
github.com/go-macaron/session
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github.com/gogo/status
github.com/golang-sql/civil
github.com/golang/groupcache
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github.com/gogo/protobuf

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glob-parent
graceful-fs
has-unicode
ignore-by-default
ignore-walk
inflight
inherits
ini
isexe
json-stringify-safe
lru-cache
minimatch
minipass
nopt
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npmlog
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@emotion/memoize
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@emotion/stylis
@emotion/unitless
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abortcontroller-polyfill
acorn
acorn-es7-plugin
add-dom-event-listener
angular
angular-bindonce
angular-native-dragdrop
angular-route
angular-sanitize
ansi-regex
ansi-styles
argparse
arr-diff
arr-flatten
arr-union
array-filter
array-tree-filter
array-unique
asap
assign-symbols
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babel-plugin-macros
babel-plugin-syntax-jsx
babel-runtime
balanced-match
baron
base
batch-processor
binary-extensions
boxen
brace
brace-expansion
braces
cache-base
calculate-size
call-signature
caller-callsite
caller-path
callsites
camelcase
capture-stack-trace
chalk
ci-info
class-utils
classnames
cli-boxes
clipboard
code-point-at
collection-visit
color-convert
color-name
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common-tags

component-classes
component-emitter
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convert-source-map
copy-descriptor
copy-to-clipboard
core-js
core-util-is
cosmiconfig
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create-react-context
cross-spawn
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css-in-js-utils
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csstype
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debug
decode-uri-component
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deep-extend
define-properties
define-property
delegates
direction
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eventsourcing
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gud
has-flag
has-value
has-values
highlight-words-core
http-parser-js
iconv-lite
immer
immutable

import-fresh
import-lazy
imurmurhash
inline-style-prefixer
invariant
is-accessor-descriptor
is-arrayish
is-binary-path
is-buffer
is-ci
is-data-descriptor
is-descriptor
is-directory
is-extendable
is-extglob
is-fullwidth-code-point
is-glob
is-hotkey
is-in-browser
is-installed-globally
is-npm
is-number
is-obj
is-path-inside
is-plain-object
is-redirect
is-retry-allowed
is-stream
is-window
is-windows
isarray
isobject
isomorphic-base64
isomorphic-fetch
jquery
js-tokens
js-yaml
json-parse-better-errors
json3
kind-of
latest-version
lodash
lodash._getnative
lodash.debounce
lodash.isarguments
lodash.isarray
lodash.isequal
lodash.keys
lodash.throttle
loose-envify
lowercase-keys
make-dir
map-cache
map-visit
marked
memoize-one
micromatch
minimist
minizlib
mixins-deep
mkdirp

moment
ms
nan
nanomatch
needle
node-fetch
nodemon
normalize-path
npm-run-path
number-is-nan
object-assign
object-copy
object-keys
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original
os-homedir
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querystringify
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react-loadable
react-popper
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react-resizable
react-sizeme
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resty 2.3.0

github.com/go-resty/resty/v2

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cert-manager 0.13.1

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github.com/Azure/go-autorest/autorest/date

github.com/Azure/go-autorest/autorest/to

github.com/Azure/go-autorest/autorest/validation

github.com/Azure/go-autorest/logger

github.com/Azure/go-autorest/tracing

github.com/Venafi/vcert

github.com/aws/aws-sdk-go

github.com/cockroachdb/datadriven

github.com/coreos/etcd

github.com/coreos/go-etcd

github.com/coreos/go-oidc

github.com/coreos/go-semver

github.com/coreos/go-systemd

github.com/coreos/pkg

github.com/docker/docker

github.com/docker/go-units

github.com/docker/spdystream

github.com/go-logr/logr

github.com/go-logr/zapr

github.com/go-openapi/analysis

github.com/go-openapi/errors

github.com/go-openapi/jsonpointer

github.com/go-openapi/jsonreference

github.com/go-openapi/loads

github.com/go-openapi/runtime

github.com/go-openapi/spec

github.com/go-openapi/strfmt

github.com/go-openapi/swag

github.com/go-openapi/validate

github.com/golang/glog

github.com/golang/groupcache

github.com/golang/mock

github.com/google/btree

github.com/google/gofuzz

github.com/google/martian

github.com/google/pprof

github.com/googleapis/gnostic

github.com/gophercloud/gophercloud

github.com/grpc-ecosystem/go-grpc-middleware

github.com/grpc-ecosystem/go-grpc-prometheus

github.com/jonboulle/clockwork

github.com/mattbaird/jsonpatch

github.com/matttproud/golang_protobuf_extensions

github.com/modern-go/concurrent

github.com/modern-go/reflect2

github.com/mwitkow/go-conntrack

github.com/oklog/run

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github.com/pquerna/cachecontrol
github.com/prometheus/client_golang
github.com/prometheus/client_model
github.com/prometheus/common
github.com/prometheus/procfs
github.com/sergi/go-diff
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github.com/andreyvit/diff
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github.com/cpu/goacmedns
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github.com/creack/pty
github.com/dgrijalva/jwt-go
github.com/docopt/docopt-go
github.com/dustin/go-humanize

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github.com/emicklei/go-restful
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github.com/go-ldap/ldap
github.com/go-logfmt/logfmt
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github.com/gogo/protobuf
github.com/golang/protobuf
golang.org/x/crypto
golang.org/x/net
golang.org/x/sync
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golang.org/x/sys

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github.com/alecthomas/units
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github.com/json-iterator/go
github.com/konsorten/go-windows-terminal-sequences
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github.com/google/uuid
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 github.com/creack/pty
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 github.com/go-kit/kit
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goproperties - properties file decoder for Go

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tomb - support for clean goroutine termination in Go.

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kube-state-metrics 1.9.7

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kube-state-metrics
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github.com/prometheus/client_golang v0.9.2
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github.com/campoy/embedmd v1.0.0
github.com/jsonnet-bundler/jsonnet-bundler v0.1.1-0.20190930114713-10e24cb86976
github.com/prometheus/prometheus v2.5.0+incompatible
k8s.io/api v0.0.0-20191112020540-7f9008e52f64
k8s.io/apimachinery v0.0.0-2019111054156-6eb29fdf75dc
k8s.io/autoscaler/vertical-pod-autoscaler v0.0.0-20191115143342-4cf961056038
k8s.io/client-go v0.0.0-20191109102209-3c0d1af94be5
k8s.io/klog v1.0.0
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github.com/spf13/pflag v1.0.5

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golang.org/x/tools v0.0.0-20190920225731-5eefd052ad72

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github.com/pkg/errors v0.8.1

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yaml 1.2.0

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github.com/pkg/errors

```

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----- Dependency
github.com/hashicorp/golang-lru
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github.com/hashicorp/golang-lru

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github.com/googleapis/gnostic
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    "// Copyright 2017 Google Inc. All Rights Reserved.\n" +
const TEMPLATES_GO = `// Copyright 2017 Google Inc. All Rights Reserved.
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github.com/go-logr/logr
github.com/go-openapi/jsonpointer
github.com/go-openapi/jsonreference
github.com/go-openapi/spec
github.com/go-openapi/swag
github.com/golang/groupcache
github.com/google/gofuzz
github.com/googleapis/gnostic
github.com/modern-go/concurrent
github.com/modern-go/reflect2
gopkg.in/yaml.v2
k8s.io/apimachinery
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github.com/gogo/protobuf
github.com/golang/protobuf
github.com/google/go-cmp
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```

github.com/google/uuid
github.com/jessevdk/go-flags
github.com/spf13/pflag
golang.org/x/crypto
golang.org/x/net
golang.org/x/sync
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golang.org/x/crypto

golang.org/x/net

golang.org/x/sync

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golang.org/x/text

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NGINX Ingress Controller 0.32.0

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github.com/hashicorp/golang-lru
github.com/mozilla/tls-observatory
github.com/hashicorp/go-cleanhttp
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github.com/container-storage-interface/spec

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github.com/containerd/console
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github.com/Azure/go-ansiterm
github.com/BurntSushi/toml
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github.com/Microsoft/go-winio
github.com/Microsoft/hcsshim
github.com/Rican7/retry
github.com/StackExchange/wmi
github.com/agnivade/levenshtein
github.com/alecthomas/units
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github.com/ekalinin/github-markdown-toc
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github.com/magiconair/properties

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golang.org/x/crypto
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client-go 0.17.11

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github.com/Azure/go-autorest/autorest
github.com/Azure/go-autorest/autorest/adal
github.com/Azure/go-autorest/autorest/date
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github.com/Azure/go-autorest/tracing
github.com/docker/spdystream
github.com/go-logr/logr
github.com/go-openapi/jsonpointer
github.com/go-openapi/jsonreference
github.com/go-openapi/spec
github.com/go-openapi/swag
github.com/golang/glog
github.com/golang/groupcache
github.com/golang/mock
github.com/google/btree
github.com/google/gofuzz
github.com/google/martian
github.com/google/pprof
github.com/googleapis/gnostic
github.com/gophercloud/gophercloud
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github.com/spf13/afero
go.opencensus.io
google.golang.org/appengine
google.golang.org/genproto
google.golang.org/grpc
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golang.org/x/oauth2
golang.org/x/sync
golang.org/x/sys
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mustache

github.com/janl/mustache.js

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popper.js
<https://github.com/popperjs/popper-core>

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enzyme-to-json

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cloud.google.com/go
cloud.google.com/go/bigquery
github.com/Azure/azure-sdk-for-go
github.com/Azure/go-autorest
github.com/OneOfOne/xxhash
github.com/aws/aws-sdk-go
github.com/aws/aws-sdk-go-v2
github.com/census-instrumentation/opencensus-proto
github.com/go-openapi/analysis
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github.com/gophercloud/gophercloud
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go.mongodb.org/mongo-driver
google.golang.org/appengine
google.golang.org/genproto
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gopkg.in/yaml.v2
k8s.io/api
k8s.io/apimachinery
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github.com/alecthomas/template
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github.com/golang/protobuf
github.com/golang/snappy
github.com/google/go-cmp
github.com/googleapis/gax-go/v2
github.com/jessevdk/go-flags
github.com/miekg/dns
golang.org/x/crypto
golang.org/x/net
golang.org/x/oauth2
golang.org/x/sync
golang.org/x/sys
golang.org/x/text
golang.org/x/time
golang.org/x/tools
google.golang.org/api
google.golang.org/protobuf
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github.com/armon/go-metrics
github.com/asaskevich/govalidator
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```



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github.com/cespare/xxhash/v2
github.com/dgrijalva/jwt-go
github.com/dgryski/go-sip13
github.com/go-kit/kit
github.com/go-logfmt/logfmt
github.com/hashicorp/go-hclog
github.com/influxdata/influxdb
github.com/influxdata/influxdb1-client
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github.com/go-openapi/validate
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github.com/matttproud/golang_protobuf_extensions
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github.com/modern-go/reflect2
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github.com/mwitkow/go-conntrack
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github.com/oklog/ulid
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copyright=$'// Copyright (C) MongoDB, Inc. 2017-present.
    if [ "$line" == "// Copyright (C) MongoDB, Inc. 2017-present." ]; then
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github.com/OneOfOne/xxhash
github.com/docker/go-units
github.com/go-openapi/analysis
github.com/go-openapi/errors
github.com/go-openapi/jsonpointer
github.com/go-openapi/jsonreference
github.com/go-openapi/loads
github.com/go-openapi/runtime
github.com/go-openapi/spec
github.com/go-openapi/strfmt
github.com/go-openapi/swag
github.com/go-openapi/validate
github.com/google/btree
github.com/kylelemons/godebug
github.com/matttproud/golang_protobuf_extensions
github.com/modern-go/concurrent
github.com/modern-go/reflect2
github.com/mwitkow/go-conntrack
github.com/oklog/ulid
github.com/prometheus/client_golang
github.com/prometheus/client_model
github.com/prometheus/common
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go.mongodb.org/mongo-driver
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```

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github.com/modern-go/concurrent
github.com/modern-go/reflect2
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github.com/google/go-cmp
golang.org/x/crypto
golang.org/x/net
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github.com/alecthoas/template

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cert-manager 0.16.1

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go-sqlite3 1.14.6

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----- Copyrights
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```

```
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github.com/prometheus/client_golang
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perks - a fork of https://github.com/bmizerany/perks
https://github.com/beorn7/perks
Copyright 2013-2015 Blake Mizerany, Björn Rabenstein
See https://github.com/beorn7/perks/blob/master/README.md for license details.
```

```
Go support for Protocol Buffers - Google's data interchange format
http://github.com/golang/protobuf/
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```

```
Support for streaming Protocol Buffer messages for the Go language (golang).
https://github.com/matttproud/golang_protobuf_extensions
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```
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github.com/prometheus/client_model
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github.com/prometheus/common
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metrics from the pseudo-filesystem proc.
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copyright=$'// Copyright (C) MongoDB, Inc. 2017-present.
    if [ "$line" == "// Copyright (C) MongoDB, Inc. 2017-present." ]; then
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github.com/OneOfOne/xxhash
github.com/coreos/etcd
github.com/coreos/go-oidc
github.com/coreos/go-semver
github.com/coreos/go-systemd
github.com/coreos/pkg
github.com/docker/go-units
github.com/go-openapi/analysis
github.com/go-openapi/errors
github.com/go-openapi/jsonpointer
github.com/go-openapi/jsonreference
github.com/go-openapi/loads
github.com/go-openapi/runtime
github.com/go-openapi/spec
github.com/go-openapi/strfmt
github.com/go-openapi/swagger
github.com/go-openapi/validate
github.com/go-swagger/scan-repo-boundary
github.com/golang/glog
github.com/golang/groupcache
github.com/golang/mock
github.com/google/btree
github.com/grpc-ecosystem/go-grpc-middleware
github.com/grpc-ecosystem/go-grpc-prometheus
github.com/jonboulle/clockwork
github.com/matttproud/golang_protobuf_extensions
github.com/mwitkow/go-conntrack
github.com/oklog/ulid
github.com/pquerna/cachecontrol

```

```

github.com/prometheus/client_golang
github.com/prometheus/client_model
github.com/prometheus/common
github.com/prometheus/procfs
github.com/prometheus/tsdb
github.com/soheilhy/cmux
github.com/spf13/afero
go.mongodb.org/mongo-driver
google.golang.org/appengine
google.golang.org/genproto
google.golang.org/grpc
gopkg.in/square/go-jose.v2
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github.com/client9/misspell
github.com/coreos/bbolt
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github.com/dgryski/go-sip13
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github.com/go-logfmt/logfmt
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github.com/kisielk/errcheck
github.com/kisielk/gotool
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github.com/kr/pretty
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github.com/magiconair/properties

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mgo - MongoDB driver for Go
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%%% Kontron Canada, Inc.
ipmitool-1.8.18/include/ipmitool/ipmi_gendev.h: Kontron Canada, Inc.
ipmitool-1.8.18/lib/ipmi_gendev.c: Kontron Canada, Inc.
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jordan_hargrave@dell.com
ipmitool-1.8.18/contrib/exchange-bmc-os-info.init.redhat: charles_rose@dell.com,
jordan_hargrave@dell.com
ipmitool-1.8.18/contrib/log_bmc.sh: charles_rose@dell.com,
jordan_hargrave@dell.com
# Authors: Charles Rose
# Jordan Hargrave
#
# https://fedoraproject.org/wiki/Features/AgentFreeManagement
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%% Duncan Laurie
ipmitool-1.8.18/README: Duncan Laurie
ipmitool
Duncan Laurie
ipmitool-devel@lists.sourceforge.net
-----
%% Generated from configure.ac by autoheader
ipmitool-1.8.18/config.h.in: Generated from configure.ac by autoheader
/* config.h.in. Generated from configure.ac by autoheader. */
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%% philiph@pobox.com
ipmitool-1.8.18/contrib/ipmi.init.redhat: philiph@pobox.com
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%%% Pentair Technical Products
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```
ipmitool-1.8.18/include/ipmitool/ipmi_cfgp.h: Pentair Technical Products
ipmitool-1.8.18/include/ipmitool/ipmi_lanp6.h: Pentair Technical Products
ipmitool-1.8.18/lib/ipmi_cfgp.c: Pentair Technical Products
ipmitool-1.8.18/lib/ipmi_lanp6.c: Pentair Technical Products
/*
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%%% Pigeon Point Systems
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```
ipmitool-1.8.18/include/ipmitool/hpm2.h: Pigeon Point Systems
ipmitool-1.8.18/include/ipmitool/ipmi_vita.h: Pigeon Point Systems
ipmitool-1.8.18/lib/hpm2.c: Pigeon Point Systems
ipmitool-1.8.18/lib/ipmi_vita.c: Pigeon Point Systems
ipmitool-1.8.18/src/plugins/serial/Makefile.am: Pigeon Point Systems
ipmitool-1.8.18/src/plugins/serial/serial_basic.c: Pigeon Point Systems
ipmitool-1.8.18/src/plugins/serial/serial_terminal.c: Pigeon Point Systems
/*
```

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ipmitool-1.8.18/ipmitool.spec: specifies the license of ipmitool in the RPM
package as BSD
License: BSD
Packager: Jim Mankovich
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ipmitool-1.8.18/include/ipmitool/ipmi_oem.h: Sun Microsystems
ipmitool-1.8.18/include/ipmitool/ipmi_sdradd.h: Sun Microsystems
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/*

* hash.c: chained hash tables

*

* Reference: Your favorite introductory book on algorithms

*

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trio.c:
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*
*****/
trionan.c:
/*****
*
* $Id$
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*****
*
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*
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* guaranteed to work on all platforms, as not all hardware supports
* special quantities.
*
* The approach used here (approximately) is to:
*
* 1. Use C99 functionality when available.
* 2. Use IEEE 754 bit-patterns if possible.
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*
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/*****
*
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-----
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version 1.2.11, January 15th, 2017
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```
Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
```

```
The data format used by the zlib library is described by RFCs (Request for
Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/
```

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version 1.2.8, April 28th, 2013

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under certain conditions; type `show c' for details.
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```
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EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0
```



```
-----  
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Copyright (c) 2010,2019 Oracle and/or its affiliates. All rights reserved.  
Copyright (c) 2006 Google Inc.  
EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
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```

```
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EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
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ANTLR 3.5.2

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and from finagle-native developed at Twitter
(<https://github.com/twitter/finagle>).

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JDT Core Batch Compiler component, which is open source software.
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<https://www.eclipse.org/jdt/core/>.

org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar
for JSON written by Robert Fischer.
<https://github.com/RobertFischer/json-parser>

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration
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The org.apache.catalina.tribes.membership.cloud package contains derivative
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tomcat embedded Fourth party dependency:
tomcat-annotations-api (Apache 2.0)

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Source Code

The project maintains the following source code repositories:

* <https://github.com/eclipse-ee4j/jaxrs-api>

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7

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8

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- Oracle Java

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- Oracle Solaris

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Third-Party Notices and/or Licenses for Oracle Solaris 11.4

Oracle Solaris 11.4 OS packages are listed in the following section. The licenses are listed alphabetically A-Z, then a-z.

Open Source or Other Separately Licensed Software Included With Oracle Solaris 11.4

This section lists the software packages used for Oracle Solaris 11.4.

- American English Dictionary
- App-ClusterSSH
- Authen-PAM
- Babel

- Backbone.js
- Brazilian Portuguese Dictionary
- CACKey
- CDE
- CGI
- CLDR
- Cheetah
- CherryPy
- ConsoleKit
- Cracklib
- Csh
- Cython
- DBD-SQLite
- DBD-mysql
- DBI
- DTraceToolkit
- Django
- FormEncode
- French Dictionary
- GConf
- GMP
- GRUB2
- German Dictionary
- HAL (Hardware Abstraction Layer)
- HKSCS
- ICU
- ISO/IEC
- ImageMagick
- Imaging
- Italian Dictionary
- Jinja2
- Kerberos
- LZMA SDK
- Locale definition info from IEEE Std 1003.2-1992 v. Year 1992
- M2Crypto
- MPFR
- Mako

- Markdown
- MarkupSafe
- MiniSAT
- MySQL-python
- NDMP SDK
- Net-SSLeay
- Netscape Communications
- Open Fabrics kernel components
- PAPI
- PTP
- Paste
- PasteDeploy
- PowerTOP
- PrettyTable
- PyYAML
- Pygments
- Python
- Python
- Python
- RSA
- Reliable Datagram Sockets (RDSv3)
- RequireJS
- RequireJS i18n plugin
- RequireJS text plugin
- Routes
- Ruby
- Ruby
- RubyGems
- SDL
- SQLAlchemy
- SQLite
- Solarflare
- Spanish Dictionary
- Tempita
- The Open Group Technical Standard Portable Layout Services: Context-dependent and Directional Text - ISBN 1-85912-142-X
- Tk

- Twisted
- TwistedWeb2
- Underscore.js
- Unicode
- V4L2 API definition header files
- WebOb
- WebTest
- X11-Protocol
- XML-LibXML
- XML-NamespaceSupport
- XML-Parser
- XML-SAX
- XML-SAX-Base
- XML-Simple
- Xen PV Drivers
- a2ps
- aac
- aalib
- accerciser
- accessx
- accountsservice
- acpica
- acpidump
- adwaita-icon-theme
- agpgart
- aioeventlet
- amqp
- anonymous-pro
- ant
- antlr
- anyjson
- apache2
- appdirs
- apr
- apr
- apr-util
- apr-util

- arabeyes
- arn
- arp
- arphic-ukai
- arphic-uming
- asciidoc
- asn1crypto
- aspell
- astroid
- at-spi2-atk
- at-spi2-core
- atk
- atkmm
- atu
- augeas
- autoconf
- autoconf
- automake
- automake
- automake
- avahi
- background-logo-extension
- backup
- baekmuk
- baobab
- bash
- beautifulsoup4
- bge
- bib
- bind
- binutils
- bison
- bitmap
- bnu
- boto
- bpf
- bpg-georgian

- brltty
- bzip2
- cachetools
- cairo
- cairomm
- cantarell-fonts
- caribou
- ccid
- cdrtools
- cffi
- check
- checkeq
- chrome-gnome-shell
- cliff
- cloog
- cloudbase-init
- clutter
- clutter-gst
- clutter-gst
- clutter-gtk
- cmake
- cmd2
- cogl
- colord
- colord-gtk
- compress
- conflict
- constype
- contextlib2
- convmv
- coolkey
- coreutils
- cov-core
- coverage
- cppunit
- cron
- croscorefonts

- cryptography
- cssutils
- cups
- curl
- cvs
- cyrus-sasl
- d2to1
- d3
- daq
- dbus
- dbus-glib
- dbus-python
- dconf
- dconf-editor
- debtcollector
- decorator
- dejagnu
- dejavu-fonts-ttf
- desktop-file-utils
- devhelp
- diffstat
- diffutils
- django-appconf
- dnsmasq
- dnspython
- docbook
- docbook-dsssl
- docbook-xsl
- dogpile.cache
- dogpile.core
- dotconf
- doxygen
- drm
- dulwich
- dwarf
- eeprom
- emacs

- enchant
- enscript
- enum34
- eog
- eog-plugins
- erlang
- espeak
- eventlet
- evince
- evolution-data-server
- exempi
- expect
- extras
- facter
- fasteners
- fetchmail
- fftw
- file-roller
- filechunkio
- findutils
- firefox
- fixtures
- flac
- flex
- fltk
- folks
- font-adobe-100dpi
- font-bh-ttf
- font-daewoo-misc
- font-isas-misc
- font-jis-misc
- font-misc-cyrillic
- font-misc-ethiopic
- font-misc-meltho
- fontconfig
- foomatic-db
- foomatic-db-engine

- foomatic-filters
- foomatic-filters-ppds
- fping
- freefont
- freeglut
- freetype
- fstobdf
- ftp
- ftp-proxy
- fts
- funcsig
- futures
- futurist
- gSOAP
- gamin
- gawk
- gcc
- gcc
- gcr
- gd
- gdb
- gdbm
- gdk-pixbuf
- gdm
- gedit
- gedit-plugins
- genders
- gentium
- geoclue
- geocode-glib
- getopt
- getopt_long
- gettext
- gettext
- ghostscript
- ghostscript-fonts-std
- git

- gjs
- glade
- gladman
- glib
- glib-networking
- glibmm
- glu
- gmime
- gnome-autoar
- gnome-backgrounds
- gnome-calculator
- gnome-calendar
- gnome-clocks
- gnome-common
- gnome-control-center
- gnome-desktop
- gnome-devel-docs
- gnome-doc-utils
- gnome-font-viewer
- gnome-getting-started-docs
- gnome-initial-setup
- gnome-keyring
- gnome-menus
- gnome-online-accounts
- gnome-screenshot
- gnome-session
- gnome-settings-daemon
- gnome-shell
- gnome-shell-extensions
- gnome-system-monitor
- gnome-terminal
- gnome-themes-standard
- gnome-tweak-tool
- gnome-user-docs
- gnu-efi
- gnu-gs-fonts-other
- gnupg

- gnuplot
- gnutls
- gobject-introspection
- gocr
- golang
- gom
- google-droid-fonts
- gperf
- gpgme
- graphviz
- greenlet
- grep
- grilo
- grilo-plugins
- groff
- gsettings-desktop-schemas
- gsl
- gsound
- gssdp
- gsskex
- gsskrbkernel
- gst-plugins-base
- gst-plugins-good
- gst-python
- gstreamer
- gtk-doc
- gtk-engines
- gtk-vnc
- gtk2
- gtk3
- gtkmm
- gtkmm
- gtksourceview
- gtkspell
- gucharmap
- gupnp
- gupnp-igd

- gutenprint
- gvfs
- gzip
- hal-cups-utils
- harfbuzz
- help2man
- hexedit
- hg-git
- hicolor-icon-theme
- hiera
- hplip
- httping
- httplib2
- hwa1480_fw
- i915
- ibus
- ibutils
- icu
- icu4c
- idna
- idnkit
- ifconfig
- ifparse
- iftop
- ilmbase
- imake
- indent
- indic-fonts-core
- infiniband-diags
- iniparse
- intel
- intel-gpu-tools
- intltool
- ipaddr
- ipaddress
- ipafont
- iperf

- ipfilter
- ipmi
- ipmitool
- ipython
- irssi
- isc-dhcp
- isl
- iso-codes
- iso8601
- isort
- itstool
- iwh
- iwk
- iwp
- jQuery
- jansson
- jjv
- jpeg
- jq
- jsl
- json-c
- json-glib
- jsonpatch
- jsonpath-rw
- jsonpointer
- jsonrpc-lib
- jsonschema
- junit
- kacst
- kcmd
- keymaster.js
- keystoneauth1
- keystone-middleware
- kombu
- ksh93
- lastcomm
- lazy-object-proxy

- lcms
- lcms2
- ldappool
- ldtp
- less
- lesscpy
- lftp
- lgi
- libFS
- libICE
- libSM
- libX11
- libXScrnSaver
- libXau
- libXaw
- libXcomposite
- libXcursor
- libXdamage
- libXdmcp
- libXevie
- libXext
- libXfixes
- libXfont
- libXfont2
- libXft
- libXi
- libXinerama
- libXmu
- libXp
- libXpm
- libXpresent
- libXrandr
- libXrender
- libXres
- libXt
- libXtst
- libXv

- libXvMC
- libXxf86misc
- libXxf86vm
- libarchive
- libassuan
- libbsdmalloc
- libcanberra
- libchamplain
- libconfuse
- libcroco
- libdaemon
- libdmx
- libdnet
- libdrm
- libedit
- libee
- libepoxy
- liberation-fonts-ttf
- libestr
- libevent
- libexif
- libexpat
- libffi
- libfontenc
- libfuse
- libgcrypt
- libgdata
- libgee
- libgpg-error
- libgsf
- libgtop
- libgweather
- libgxps
- libibmad
- libibumad
- libibverbs
- libical

- libidn
- libidn2
- libinetutil
- libipt
- libkmf
- libksba
- liblogging
- liblouis
- libmediaart
- libmemcached
- libmicrohttpd
- libmlx4
- libmng
- libmp
- libmusicbrainz
- libneon
- libnet
- libnotify
- liboauth
- libogg
- libomp
- libotr
- libpcap
- libpciaccess
- libpeas
- libpki
- libpng
- libpng
- libpng
- libproxy
- libpthread-stubs
- librabbitmq
- librdmacm
- libresolv2
- librstp
- libsvg
- libsync

- libsdp
- libsecret
- libsigsegv
- libsndfile
- libsoup
- libspectre
- libssh2
- libtasn1
- libtecla
- libtheora
- libtiff
- libtool
- libtorrent
- libusb
- libusb-wrapper
- libuuid
- libvdpau
- libvisual
- libvisual-plugins
- libvorbis
- libvpx
- libwebp
- libwnck3
- libxcb
- libxkbcommon
- libxkbfile
- libxklavier
- libxml2
- libxshmfence
- libxslt
- libzapojit
- lighttpd
- linecache2
- links
- listres
- llvm
- Indir

- locale
- lockfile
- logilab-common
- logutils
- lohit
- look
- lua
- luit
- lxml
- lynx
- lz4
- m4
- mailman
- make
- makedepend
- marionette-collective
- mccabe
- mcollective-facter-facts
- mcollective-package-agent
- mcollective-puppet-agent
- mcollective-service-agent
- mdb
- mdns
- meld
- memcached
- memcached-java
- mercurial
- mesa
- mesa-demos
- mgopen
- mkfontscale
- mlocate
- mm-common
- mock
- mod_dtrace
- mod_fcgid
- mod_gss

- mod_jk
- mod_perl
- mod_wsgi
- modsecurity
- monotonic
- mousetweaks
- mozjs
- mpathd
- mpc
- mpc
- mrtg
- msgpack-python
- mt
- mtr
- mutt
- mutter
- mysql
- nano
- nautilus
- nautilus-sendto
- ncftp
- ncurses
- net-snmp
- net80211
- netaddr
- netcat
- netifaces
- netlink
- netlink
- nettle
- networkx
- nghhttp2
- nicstat
- nmap
- noVNC
- nose
- nose-cover3

- nspr
- nss
- ntfsprogs
- ntp
- numpy
- oauthlib
- ocaml
- oclock
- omp_collector_api.h
- onig
- openca-ocspd
- openexr
- openjade
- openjpeg
- openldap
- openscap
- opensm
- opensp
- openssh
- openssl
- openssl
- openssl-fips-140
- openstacksdk
- openusb
- orc
- orca
- os-client-config
- oslo.concurrency
- oslo.config
- oslo.context
- oslo.i18n
- oslo.log
- oslo.messaging
- oslo.middleware
- oslo.serialization
- oslo.service
- oslo.utils

- osprofiler
- ovs
- ovs
- p11-kit
- p7zip
- pam_pkcs11
- pango
- pangomm
- paps
- parallel
- paramiko
- parted
- patch
- patchutils
- pathlib
- patricia
- pbr
- pbzip2
- pcfs
- pci.ids
- pconsole
- pcre
- pcre2
- pcsc-lite
- pdsh
- pep8
- perftest
- perl
- perl
- pf
- pflogd
- php
- php
- pidgin
- pidgin-gnome-keyring
- pidgin-otr
- pigz

- pika
- pika-pool
- pinentry
- pip
- pixman
- pixz
- pkcs11
- pkcs11_tpm
- pkg-config
- pkgbuild
- ply
- pmtools
- policykit
- polkit
- poppler
- poppler-data
- popt
- portfp
- portgen
- positional
- posix_ipc
- postfix
- ppp
- pppdump
- privoxy
- procmail
- procps-ng
- proftpd
- psutil
- psutils
- pth
- pulseaudio
- puppet
- puppet-rabbitmq
- puppet-staging
- puppetlabs-apache
- puppetlabs-concat

- puppetlabs-inifile
- puppetlabs-mysql
- puppetlabs-ntp
- puppetlabs-rsync
- puppetlabs-stdlib
- pv
- pwgen
- py
- py2cairo
- pyOpenSSL
- pyScss
- pyasn1
- pyasn1-modules
- pyatspi
- pybonjour
- pycadf
- pycairo
- pycountry
- pycparser
- pycups
- pycurl
- pydns
- pyflakes
- pygobject
- pygobject
- pygtk
- pylint
- pymemcache
- pyparsing
- pyrabbit
- pysmi
- pysnmp
- pytest
- pytest-capturelog
- pytest-codecheckers
- pytest-cov
- python-ceilometerclient

- python-dateutil
- python-editor
- python-keystoneclient
- python-ldap
- python-memcached
- python-mimeparse
- python-neutronclient
- python-quantumclient
- python-swiftclient
- pytz
- pywbem
- qpdf
- qperf
- quagga
- quilt
- qunit
- rabbitmq-server
- racoon2
- raphael
- rcp
- rcssmin
- rdesktop
- rdiff-backup
- rds-tools
- re2c
- readline
- readline
- repoze.lru
- requests
- requests-aws
- requestsexceptions
- rest
- retrying
- rjsmin
- rlogind
- route
- routed.bsd

- rpdb
- rpm2cpio
- rrdtool
- rsh
- rsync
- rsyslog
- rtorrent
- rts
- ruby
- ruby
- ruby-augeas
- rum
- samba
- saz-memcached
- sbsigntool
- scon
- scp
- screen
- script
- seahorse
- sed
- sendmail
- sendmail
- serf
- sessreg
- setuptools
- setuptools-git
- setxkbmap
- sg3_utils
- sgml-common
- shared-mime-info
- shim
- sigcpp
- sil
- simplegeneric
- simplejson
- singledispatch

- six
- smartmontools
- smbfs
- smp_utils
- smproxy
- snappy
- snia-hbaapi
- snia-ima
- snia-mpapi
- snort
- source-code-pro
- source-sans-pro
- spawn-fcgi
- speech-dispatcher
- speex
- sqlite
- sqlparse
- squid
- sscanf
- startup-notification
- stdcxx
- stevedore
- stomp
- stunnel
- subversion
- sudo
- suhosin
- sushi
- swift
- swig
- t11-sm-hba
- taglib
- tar
- tarfile
- tcl
- tcp-wrapper
- tcpdump

- tcsh
- telepathy-glib
- telepathy-logger
- telnet
- terminfo
- termio
- testresources
- testscenarios
- testtools
- texi2html
- texinfo
- text-utilities
- thai-scalable
- thunderbird
- tidy
- tigervnc
- timers
- tip
- tk
- tmux
- tomcat
- top
- totem
- totem-pl-parser
- tox
- traceback2
- traceroute
- tracker
- transset
- tree
- trollius
- trousers
- ttf-bitstream-vera
- twm
- uath
- udfs
- ufs

- uhttpmock
- ul
- unfonts-ko-core
- unfonts-ko-extra
- unicode
- unicodecsv
- unifont
- units
- unixODBC
- unrar
- unzip
- upower
- ural
- urllib3
- urtw
- usb.ids
- util-macros
- vacation
- vala
- vgaarb
- vgrind
- vi
- vim
- vinagre
- vino
- virtualenv
- vmstat
- vte
- waitress
- warlock
- wdiff
- webalizer
- webkitgtk
- wget
- which
- which
- wireshark

- wpa
- wqy-zenhei
- wrapt
- wxWidgets
- x11perf
- xattr
- xauth
- xbitmaps
- xcb-util
- xcb-util-cursor
- xcb-util-errors
- xcb-util-image
- xcb-util-keysyms
- xcb-util-renderutil
- xcb-util-wm
- xclipboard
- xclock
- xcompmgr
- xconsole
- xcursor-themes
- xcursorgen
- xdebug
- xdg-utils
- xdm
- xdpinfo
- xev
- xf86-input-keyboard
- xf86-input-mouse
- xf86-input-synaptics
- xf86-input-vmmouse
- xf86-input-void
- xf86-video-ast
- xf86-video-ati
- xf86-video-cirrus
- xf86-video-dummy
- xf86-video-intel
- xf86-video-mach64

- xf86-video-mga
- xf86-video-openchrome
- xf86-video-r128
- xf86-video-vboxvideo
- xf86-video-vesa
- xf86-video-vmware
- xfd
- xfontsel
- xfs
- xhost
- xinit
- xkbcomp
- xkeyboard-config
- xkill
- xload
- xlock
- xlogo
- xmag
- xmlto
- xorg-docs
- xorg-server
- xorriso
- xproto
- xscope
- xscreensaver
- xstdcmap
- xstr
- xterm
- xterm
- xtrans
- xwd
- xz
- yasm
- yelp
- yelp-tools
- yelp-xsl
- zenity

- zip
- zlib
- zope.interface
- zsh
- zyd

Displaying Licenses for Oracle Solaris Packages

Use the `--license` option of the `pkg info` command to display the license texts for the matching packages.

The following example displays license text for the `gzip` package on an installed Oracle Solaris system:

```
$ pkg info --license compress/gzip
```

See the Oracle Solaris documentation for more information about using the `pkg info` command.

9

Licensing for Third-Party Software in Oracle JavaScript Extension Toolkit (JET)

This chapter includes information about the licensing for Oracle JavaScript Extension Toolkit (JET) components used by Oracle Private Cloud Appliance, including the associated third-party licensing and restrictions that apply as a result.

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 unspecified.

THIRD-PARTY COMPONENT FILE (path in the installation)	LICENSE (see license text reproduced below)
js/libs/chai/chai-4.2.0.js	MIT
js/libs/es6-promise/es6-promise.js	MIT
js/libs/hammer/hammer-2.0.8.js	MIT
js/libs/js-signals/signals.js	MIT
js/libs/jquery/jquery-3.5.1.js	MIT
js/libs/jquery/jquery-ui-1.12.1.custom.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/core.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/draggable.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/mouse.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/position.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/sortable.js	MIT
js/libs/jquery/jqueryui-amd-1.12.1/widget.js	MIT
js/libs/knockout/knockout-3.5.1.js	MIT
js/libs/knockout/knockout-mapping-latest.js	MIT
js/libs/oj/v9.0.0/min/ojcspexpressionevaluator.js (cspexpressionevaluator.js)	MIT
js/libs/oj/v9.0.0/min/ojexpparser.js (expparser.js)	MIT
js/libs/oj/v9.0.0/min/ojknockout.js (knockout-fast-foreach.js)	MIT
js/libs/oj/v9.0.0/min/ojselectcombobox.js (Select2.js)	Apache 2.0
js/libs/oj/v9.0.0/min/ojtree.js (jsTree.js)	MIT
js/libs/oj/v9.0.0/ojL10n.js (requireJS il8n)	MIT
js/libs/proj4js/dist/proj4.js	Proj4js
js/libs/require/require.js	MIT
js/libs/require/text.js	MIT
js/libs/require-css/css.min.js (require-css)	MIT
js/libs/webcomponents/custom-elements.min.js	custom-elements
scss/oj/v9.0.0/3rdparty/normalize/normalize.scss	MIT
js/libs/touchr/touchr.js	MIT
js/libs/oj/v9.0.0/min/ojvcomponent.js (petit-dom.js)	MIT

```

/*!
 * chai
 * Copyright(c) 2011-2014 Jake Luer <jake@alogicalparadox.com>
 * MIT Licensed
 */

/*

```

```

* expression-eval - v2.0.0
* https://github.com/donmccurdy/expression-eval
* Copyright (c) 2017 Don McCurdy
* Licensed under the MIT license
*/

/*
* jsep - v0.3.4
* https://github.com/sonneyj/jsep
* Copyright (c) 2013 Stephen Oney, http://jsep.from.so/
* Licensed under the MIT license
*/

/*!
  Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)
  By: Brian M Hunt (C) 2015 | License: MIT
*/

/*
* petit-dom - v0.2.2
* https://github.com/yelouafi/petit-dom
* Copyright (C) 2017 Yassine Elouafi;
* Licensed under the MIT license
*/

/**
* webcomponents/custom-elements - v1.1.2
*
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* DAMAGE.
*/

/*
* proj4js - v2.5.0
* http://proj4js.org/
* Copyright (C) 2014 Mike Adair, Richard Greenwood, Didier Richard, Stephen Irons,
* Olivier Terral and Calvin Metcalf;
* Licensed under the Proj4js license
*/

/*
* require-css - v0.1.10

```

```

* https://github.com/guybedford/require-css
* Copyright (C) 2013 Guy Bedford;
* Licensed under the MIT license
*/

/!* Hammer.JS - v2.0.8 - 2016-04-22
* http://hammerjs.github.io/
*
*Copyright (C) 2011-2017 by Jorik Tangelder (Eight Media)
* Licensed under the MIT license */

/*
* Foundation Responsive Library
* http://foundation.zurb.com
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* http://www.opensource.org/licenses/mit-license.php
*/

Normalize.scss
Copyright (c) Nicolas Gallagher and Jonathan Neal

/*
RequireJS i18n 2.0.2 Copyright (c) 2010-2012, The Dojo Foundation All Rights
Reserved.
Available via the MIT or new BSD license.
see: http://github.com/requirejs/i18n for details
*/

/* This component is based on original code from:
jsTree 1.0-rc3 http://jstree.com/
"Copyright (c) 2010 Ivan Bozhanov (vakata.com)
Licensed same as jquery - under the terms of either the MIT License or
the GPL Version 2 License
http://www.opensource.org/licenses/mit-license.php
http://www.gnu.org/licenses/gpl.html"
*/

/**
 * @preserve Copyright 2012 Igor Vaynberg
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* http://www.gnu.org/licenses/gpl-2.0.html
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WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache
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```

```
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under the Apache License and the GPL License.
*/
```

```
ES6-Promise
Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors
```

```
/*! jQuery UI - v1.12.1 - 2015-03-18
* http://jqueryui.com
* Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js
* Copyright 2015 jQuery Foundation and other contributors; Licensed MIT */
```

```
/*!
* jQuery JavaScript Library v3.5.1
* http://jquery.com/
*
* Includes Sizzle.js
* http://sizzlejs.com/
*
* Copyright 2005, 2014 jQuery Foundation, Inc. and other contributors
* Released under the MIT license
* http://jquery.org/license
*
* Date: 2014-12-18T15:11Z
*/
```

```
/** @license
* JS Signals <http://millermedeiros.github.com/js-signals/>
* Released under the MIT license
* Author: Miller Medeiros
* Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)
*/
```

```
/**
* @license RequireJS text 2.0.12 Copyright (c) 2010-2014,
* The Dojo Foundation All Rights Reserved.
* Available via the MIT or new BSD license.
* see: http://github.com/requirejs/text for details
*/
```

```
/*
RequireJS 2.3.6 Copyright (c) 2010-2015, The Dojo Foundation All Rights Reserved.
Available via the MIT or new BSD license.
see: http://github.com/jrburke/requirejs for details
*/
```

```
/*!
* Knockout JavaScript library v3.5.1
* (c) Steven Sanderson - http://knockoutjs.com/
* License: MIT (http://www.opensource.org/licenses/mit-license.php)
*/
```

```
===== Apache-2.0 =====
```

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TinyXML2
=====
aws-cpp-sdk-core/include/aws/core/external/tinyxml2/tinyxml2.h
-----
/*
Original code by Lee Thomason (www.grinninglizard.com)
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`cJSON` is now the underlying JSON parser, replacing
JsonCpp.aws-cpp-sdk-core/source/external/json-cpp/jsoncpp.cpp
aws-cpp-sdk-core/include/aws/core/external/cjson/cJSON.h

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/*

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android-build/cmakefiles/openssl-cmake/CMakeLists.txt

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cmake/platform/android.toolchain.cmake

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dtoa.c

dtoa.c

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Google SMP patch

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Hashicorp Vault

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Kerberos5

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```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
```

```
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

and the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c
```

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# Date: 2009-09-22, 16:23:42 PDT [KW]
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#
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#
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#
# Diagnostic weight ranges
# Primary weight range: 0200..3ACA (14539)
# Secondary weight range: 0020..0192 (371)
# Variant secondaries: 0159..015E (6)
# Digit secondaries: 015F..0192 (52)
# Tertiary weight range: 0002..001F (30)
#
@version 5.2.0
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zlib

zlib

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Sections above.

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```
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

```
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.
```

```
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.
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License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA
02110-1301 USA
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James
Random Hacker.
```

```
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
```

That's all there is to it!

```
=====
=====
```

Artistic License (Perl) 1.0

The "Artistic License"

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Licensing Information

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Kubernetes

Table 11-1 Software Package and Container Image Licensing Information for Kubernetes

Component	RPM Packages	Container Images	License Information	Dependencies
coredns		container-registry.oracle.com/olcne/coredns:1.7.0	Apache-2.0	For software package dependency licensing information see Table 11-2 .

Table 11-1 (Cont.) Software Package and Container Image Licensing Information for Kubernetes

Component	RPM Packages	Container Images	License Information	Dependencies
etcd	etcd-3.4.13-1. [platform].x86_64.rpm	container- registry.oracle.com/ olcne/etcd:3.4.13	Apache-2.0	For software package dependency licensing information see Table 11-3 .
flannel		container- registry.oracle.com/ olcne/flannel:v0.13.0	Apache-2.0	For software package dependency licensing information see Table 11-4 .
kubernetes-cni-plugins	kubernetes-cni-plugins-0.9.1-1. [platform].x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-5 .
kubernetes	kubelet-1.20.6-1. [platform].x86_64.rpm kubectl-1.20.6-1. [platform].x86_64.rpm kubeadm-1.20.6-1. [platform].x86_64.rpm	container- registry.oracle.com/ olcne/kube-proxy:v1.20.6 container- registry.oracle.com/ olcne/kube-apiserver:v1.20.6 container- registry.oracle.com/ olcne/kube-scheduler:v1.20.6 container- registry.oracle.com/ olcne/kube-controller-manager:v1.20.6 container- registry.oracle.com/ olcne/pause:3.4	Apache-2.0	For software package dependency licensing information see Table 11-6 .

Table 11-2 Software Package Dependency Licensing Information for coredns 1.7.0

Package Name	Version	License
github.com/Azure/azure-sdk-for-go	v40.6.0	MIT License
github.com/Azure/go-autorest/autorest	v0.10.2	Apache License 2.0
github.com/Azure/go-autorest/autorest/azure/auth	v0.4.2	Apache License 2.0

Table 11-2 (Cont.) Software Package Dependency Licensing Information for coredns 1.7.0

Package Name	Version	License
github.com/DataDog/datadog-go	v3.5.0	MIT License
github.com/Shopify/sarama	v1.21.0	MIT License
github.com/apache/thrift	v0.13.0	Apache License 2.0
github.com/aws/aws-sdk-go	v1.32.1	Apache License 2.0
github.com/caddyserver/caddy	v1.0.5	Apache License 2.0
github.com/cenkalti/backoff/v4	v4.0.2	MIT License
github.com/dnstap/golang-dnstap	v0.2.0	Apache-2.0
github.com/farsightsec/golang-framestream	fa4b164d59b8	Apache-2.0
github.com/golang/protobuf	v1.4.2	BSD 3-Clause "New" or "Revised" License
github.com/gophercloud/gophercloud	v0.9.0	Apache-2.0
github.com/grpc-ecosystem/grpc-opentracing	8e809c8a8645	BSD-3-Clause
github.com/hashicorp/golang-lru	v0.5.4	Mozilla Public License 2.0
github.com/imdario/mergo	v0.3.9	BSD 3-Clause "New" or "Revised" License
github.com/infobloxopen/go-trees	2af4e13f9062	Apache License 2.0
github.com/kr/pretty	v0.2.0	MIT License
github.com/matttpproud/golang_protobuf_extensions	v1.0.1	Apache License 2.0
github.com/miekg/dns	v1.1.29	BSD-3-Clause
github.com/opentracing-contrib/go-observer	a52f23424492	Apache License 2.0
github.com/opentracing/opentracing-go	v1.1.0	Apache License 2.0
github.com/openzipkin-contrib/zipkin-go-opentracing	v0.3.5	Apache License 2.0
github.com/philhofer/fwd	v1.0.0	MIT License
github.com/prometheus/client_golang	v1.6.0	Apache License 2.0
github.com/prometheus/client_model	v0.2.0	Apache License 2.0
github.com/prometheus/common	v0.10.0	Apache License 2.0
github.com/prometheus/prometheus	v2.5.0	Apache License 2.0
github.com/tinylib/msgp	v1.1.2	MIT
go.etcd.io/etcd	221f0cc107cb	Apache License 2.0
go.uber.org/zap	v1.14.1	MIT License
golang.org/x/crypto	0ec3e9974c59	BSD-3-Clause
golang.org/x/sys	1957bb5e6d1f	BSD-3-Clause
google.golang.org/api	v0.26.0	BSD 3-Clause "New" or "Revised" License

Table 11-2 (Cont.) Software Package Dependency Licensing Information for coredns 1.7.0

Package Name	Version	License
google.golang.org/grpc	v1.29.1	Apache License 2.0
gopkg.in/DataDog/dd-trace-go.v1	v1.24.1	Apache-2.0
k8s.io/api	v0.18.3	Apache License 2.0
k8s.io/apimachinery	v0.18.3	Apache License 2.0
k8s.io/client-go	v0.18.3	Apache License 2.0
k8s.io/klog	v1.0.0	Apache License 2.0

Table 11-3 Software Package Dependency Licensing Information for etcd 3.4.13

Package Name	Version	License
github.com/bgentry/speakeasy	v0.1.0	MIT
github.com/cockroachdb/ datadriven	80d97fb3cbaa	Apache License 2.0
github.com/coreos/go-semver	v0.2.0	Apache License 2.0
github.com/coreos/go-systemd	39ca1b05acc7	Apache License 2.0
github.com/coreos/pkg	3ac0863d7acf	Apache License 2.0
github.com/creack/pty	v1.1.7	MIT License
github.com/dgrijalva/jwt-go	v3.2.0	MIT License
github.com/dustin/go-humanize	bb3d318650d4	MIT
github.com/fatih/color	v1.7.0	MIT License
github.com/gogo/protobuf	v1.2.1	BSD-3-Clause
github.com/golang/groupcache	02826c3e7903	Apache License 2.0
github.com/golang/protobuf	v1.3.2	BSD 3-Clause "New" or "Revised" License
github.com/google/btree	v1.0.0	Apache License 2.0
github.com/google/uuid	v1.0.0	BSD 3-Clause "New" or "Revised" License
github.com/gorilla/websocket	4201258b820c	BSD 2-Clause "Simplified" License
github.com/grpc-ecosystem/go- grpc-middleware	f849b5445de4	Apache License 2.0
github.com/grpc-ecosystem/go- grpc-prometheus	v1.2.0	Apache License 2.0
github.com/grpc-ecosystem/grpc- gateway	v1.9.5	BSD 3-Clause "New" or "Revised" License
github.com/inconshreveable/ mousetrap	v1.0.0	Apache-2.0
github.com/jonboulle/clockwork	v0.1.0	Apache License 2.0
github.com/json-iterator/go	v1.1.7	MIT License
github.com/mattn/go-colorable	v0.0.9	MIT License
github.com/mattn/go-isatty	v0.0.4	MIT License
github.com/mattn/go-runewidth	v0.0.2	MIT License

Table 11-3 (Cont.) Software Package Dependency Licensing Information for etcd 3.4.13

Package Name	Version	License
github.com/modern-go/reflect2	v1.0.1	Apache License 2.0
github.com/olekukonko/ tablewriter	a0225b3f23b5	MIT License
github.com/prometheus/ client_golang	v1.0.0	Apache License 2.0
github.com/prometheus/ client_model	14fe0d1b01d4	Apache License 2.0
github.com/sirupsen/logrus	v1.4.2	MIT License
github.com/soheilhy/cmux	v0.1.4	Apache License 2.0
github.com/spf13/cobra	v0.0.3	Apache License 2.0
github.com/spf13/pflag	v1.0.1	BSD 3-Clause "New" or "Revised" License
github.com/tmc/grpc-websocket- proxy	89b8d40f7ca8	MIT License
github.com/urfave/cli	v1.20.0	MIT License
github.com/xiang90/probing	43a291ad63a2	MIT License
go.etcd.io/bbolt	v1.3.3	MIT License
go.uber.org/atomic	v1.3.2	MIT License
go.uber.org/multierr	v1.1.0	MIT License
go.uber.org/zap	v1.10.0	MIT License
golang.org/x/crypto	c2843e01d9a2	BSD-3-Clause
golang.org/x/lint	d0100b6bd8b3	BSD 3-Clause "New" or "Revised" License
golang.org/x/net	74dc4d7220e7	BSD-3-Clause
golang.org/x/sys	c7b8b68b1456	BSD-3-Clause
golang.org/x/text	v0.3.3	BSD-3-Clause
golang.org/x/time	fb02b2291d2	BSD-3-Clause
golang.org/x/tools	2c0ae7006135	BSD-3-Clause
google.golang.org/grpc	v1.26.0	Apache License 2.0
gopkg.in/cheggaaa/pb.v1	v1.0.25	BSD 3-Clause "New" or "Revised" License
gopkg.in/yaml.v2	v2.2.2	Apache-2.0
honnef.co/go/tools	ea95bdfd59fc	MIT
sigs.k8s.io/yaml	v1.1.0	MIT & BSD-3-Clause

Table 11-4 Software Package Dependency Licensing Information for flannel 0.13.0

Package Name	Version	License
cloud.google.com/go	7c205da84d8d	Apache License 2.0
github.com/Microsoft/hcsshim	v0.8.6	MIT License
github.com/PuerkitoBio/purell	v1.0.0	BSD 3-Clause "New" or "Revised" License

Table 11-4 (Cont.) Software Package Dependency Licensing Information for flannel 0.13.0

Package Name	Version	License
github.com/PuerkitoBio/urlesc	5bd2802263f2	BSD 3-Clause "New" or "Revised" License
github.com/aws/aws-sdk-go	v1.12.54	Apache License 2.0
github.com/bronze1man/ goStrongswanVici	4d72634a2f11	MIT License
github.com/containernetworking/ plugins	v0.8.6	Apache License 2.0
github.com/coreos/etcd	v3.1.11	Apache License 2.0
github.com/coreos/go-iptables	v0.4.5	Apache License 2.0
github.com/coreos/go-systemd	39ca1b05acc7	Apache License 2.0
github.com/coreos/pkg	3ac0863d7acf	Apache License 2.0
github.com/denverdino/aliyungo	f6cab0c35083	Apache License 2.0
github.com/docker/distribution	v2.4.0	Apache License 2.0
github.com/emicklei/go-restful	09691a3b6378	MIT License
github.com/ghodss/yaml	73d445a93680	MIT & BSD-3-Clause
github.com/go-ini/ini	v1.28.1	Apache License 2.0
github.com/go-openapi/jsonpointer	46af16f9f7b1	Apache License 2.0
github.com/go-openapi/jsonreference	13c6e3589ad9	Apache License 2.0
github.com/go-openapi/spec	6aced65f8501	Apache-2.0
github.com/go-openapi/swag	1d0bd113de87	Apache License 2.0
github.com/gogo/protobuf	909568be09de	BSD-3-Clause
github.com/golang/glog	44145f04b68c	Apache License 2.0
github.com/google/gofuzz	44d81051d367	Apache License 2.0
github.com/howeyc/gopass	3ca23474a7c7	ISC License
github.com/imdario/mergo	6633656539c1	BSD 3-Clause "New" or "Revised" License
github.com/jmespath/go-jmespath	bd40a432e4c7	Apache-2.0
github.com/joho/godotenv	726cc8b906e3	MIT License
github.com/jonboulle/clockwork	v0.1.0	Apache License 2.0
github.com/juju/errors	c7d06af17c68	LGPL-3.0-only
github.com/juju/ratelimit	77ed1c8a0121	LGPL-3.0-only
github.com/juju/testing	4c23f9c453cd	LGPL-3.0-only
github.com/mailru/easyjson	d5b7844b561a	MIT License
github.com/niemeyer/pretty	a10e7caefd8e	MIT License
github.com/smartystreets/goconvey	v1.6.4	MIT
github.com/spf13/pflag	08b1a584251b	BSD 3-Clause "New" or "Revised" License
github.com/stevvooe/resumable	22b14a53ba50	BSD 3-Clause "New" or "Revised" License
github.com/stretchr/testify	v1.6.1	MIT License
github.com/ugorji/go	ded73eae5db7	MIT License
github.com/vishvananda/netlink	023a6dafdcdf	Apache License 2.0

Table 11-4 (Cont.) Software Package Dependency Licensing Information for flannel 0.13.0

Package Name	Version	License
github.com/vishvananda/netns	13995c7128cc	Apache License 2.0
golang.org/x/net	d8887717615a	BSD-3-Clause
golang.org/x/oauth2	5432cc9688e6	BSD 3-Clause "New" or "Revised" License
google.golang.org/api	e6586c9293b9	BSD 3-Clause "New" or "Revised" License
google.golang.org/appengine	4f7eeb5305a4	Apache License 2.0
gopkg.in/check.v1	8fa46927fb4f	BSD-2-Clause
gopkg.in/inf.v0	v0.9.0	BSD-3-Clause
gopkg.in/yaml.v1	9f9df34309c0	Apache-2.0
k8s.io/apimachinery	9603df80256c	Apache License 2.0
k8s.io/client-go	a95edf803628	Apache License 2.0

Table 11-5 Software Package Dependency Licensing Information for kubernetes-cni-plugins 0.9.1

Package Name	Version	License
github.com/Microsoft/go-winio	v0.4.11	MIT License
github.com/Microsoft/hcsshim	v0.8.6	MIT License
github.com/alexflint/go-filemutex	72bdc8eae2ae	MIT License
github.com/buger/jsonparser	f4dd9f5a6b44	MIT License
github.com/container networking/cni	v0.8.1	Apache License 2.0
github.com/coreos/go-iptables	v0.5.0	Apache License 2.0
github.com/coreos/go-systemd	39ca1b05acc7	Apache License 2.0
github.com/d2g/dhcp4	a1d1b6c41b1c	BSD 3-Clause "New" or "Revised" License
github.com/d2g/dhcp4client	v1.0.0	Mozilla Public License 2.0
github.com/d2g/dhcp4server	7d4a0a7f59a5	Mozilla Public License 2.0
github.com/d2g/hardwareaddr	e7d9fbe030e4	Mozilla Public License 2.0
github.com/godbus/dbus	885f9cc04c9c	BSD 2-Clause "Simplified" License
github.com/j-keck/arping	2cf9dc699c56	MIT License
github.com/mattn/go-shellwords	v1.0.3	MIT License
github.com/onsi/ginkgo	v1.12.1	MIT License
github.com/onsi/gomega	v1.10.3	MIT License
github.com/safchain/ethtool	42ed695e3de8	Apache License 2.0
github.com/sirupsen/logrus	v1.0.6	MIT License
github.com/stretchr/testify	v1.3.0	MIT License
github.com/vishvananda/netlink	d40f9887b852	Apache License 2.0
golang.org/x/sys	d9b008d0a637	BSD-3-Clause
gopkg.in/airbrake/gobrake.v2	v2.0.9	MIT License

Table 11-5 (Cont.) Software Package Dependency Licensing Information for kubernetes-cni-plugins 0.9.1

Package Name	Version	License
gopkg.in/gemnasium/logrus-airbrake-hook.v2	v2.1.2	MIT License

Table 11-6 Software Package Dependency Licensing Information for kubernetes 1.20.6

Package Name	Version	License
bitbucket.org/bertimus9/systemstat	0eeff89b0690	MIT License
github.com/Azure/azure-sdk-for-go	v43.0.0	MIT License
github.com/Azure/go-autorest/autorest	v0.11.1	Apache License 2.0
github.com/Azure/go-autorest/autorest/adal	v0.9.5	Apache License 2.0
github.com/Azure/go-autorest/autorest/to	v0.2.0	Apache License 2.0
github.com/GoogleCloudPlatform/k8s-cloud-provider	7901bc822317	Apache License 2.0
github.com/JeffAshton/win_pdh	76bb4ee9f0ab	BSD-3-Clause
github.com/Microsoft/go-winio	v0.4.15	MIT License
github.com/Microsoft/hcsshim	5eafd1556990	MIT License
github.com/PuerkitoBio/purell	v1.1.1	BSD 3-Clause "New" or "Revised" License
github.com/armon/circbuf	bbbad097214e	MIT License
github.com/auth0/go-jwt-middleware	5493cabe49f7	MIT License
github.com/aws/aws-sdk-go	v1.35.24	Apache License 2.0
github.com/blang/semver	v3.5.1	MIT License
github.com/boltdb/bolt	v1.3.1	MIT License
github.com/caddyserver/caddy	v1.0.3	Apache License 2.0
github.com/clusterhq/flocker-go	2b8b7259d313	Apache License 2.0
github.com/codegangsta/negroni	v1.0.0	MIT License
github.com/container-storage-interface/spec	v1.2.0	Apache License 2.0
github.com/containernetworking/cni	v0.8.0	Apache License 2.0
github.com/coredns/corefile-migration	v1.0.10	Apache License 2.0
github.com/coreos/go-oidc	v2.1.0	Apache License 2.0
github.com/coreos/go-systemd	95778dfbb74e	Apache License 2.0
github.com/coreos/pkg	399ea9e2e55f	Apache License 2.0
github.com/cpuguy83/go-md2man/v2	v2.0.0	MIT License

Table 11-6 (Cont.) Software Package Dependency Licensing Information for kubernetes 1.20.6

Package Name	Version	License
github.com/davecgh/go-spew	v1.1.1	ISC License
github.com/docker/distribution	v2.7.1	Apache License 2.0
github.com/docker/docker	bd33bbf0497b	Apache License 2.0
github.com/docker/go-connections	v0.4.0	Apache License 2.0
github.com/docker/go-units	v0.4.0	Apache License 2.0
github.com/elazarl/goproxy	947c36da3153	BSD 3-Clause "New" or "Revised" License
github.com/emicklei/go-restful	v2.9.5	MIT License
github.com/evanphx/json-patch	v4.9.0	BSD 3-Clause "New" or "Revised" License
github.com/fsnotify/fsnotify	v1.4.9	BSD 3-Clause "New" or "Revised" License
github.com/go-bindata/go-bindata	v3.1.1	CC0-1.0
github.com/go-openapi/loads	v0.19.4	Apache License 2.0
github.com/go-openapi/spec	v0.19.3	Apache-2.0
github.com/go-openapi/strfmt	v0.19.3	Apache License 2.0
github.com/go-openapi/validate	v0.19.5	Apache License 2.0
github.com/go-ozzo/ozzo-validation	v3.5.0	MIT License
github.com/godbus/dbus/v5	v5.0.3	BSD 2-Clause "Simplified" License
github.com/gogo/protobuf	v1.3.2	BSD-3-Clause
github.com/golang/groupcache	8c9f03a8e57e	Apache License 2.0
github.com/golang/mock	v1.4.1	Apache License 2.0
github.com/google/cadvisor	v0.38.8	Apache-2.0
github.com/google/go-cmp	v0.5.2	BSD 3-Clause "New" or "Revised" License
github.com/google/gofuzz	v1.1.0	Apache License 2.0
github.com/google/uuid	v1.1.2	BSD 3-Clause "New" or "Revised" License
github.com/googleapis/gnostic	v0.4.1	Apache License 2.0
github.com/gorilla/context	v1.1.1	BSD 3-Clause "New" or "Revised" License
github.com/hashicorp/golang-lru	v0.5.1	Mozilla Public License 2.0
github.com/heketi/heketi	c2e2a4ab7ab9	LGPL-3.0-or-later & Apache-2.0 & GPL-2.0-only
github.com/heketi/tests	f3775cbcefd6	Apache License 2.0
github.com/ishidawataru/sctp	7c296d48a2b5	Apache-2.0
github.com/json-iterator/go	v1.1.10	MIT License
github.com/libopenstorage/openstorage	v1.0.0	Apache License 2.0
github.com/lithammer/dedent	v1.1.0	MIT License
github.com/lpabon/godbc	v0.1.1	Apache License 2.0

Table 11-6 (Cont.) Software Package Dependency Licensing Information for kubernetes 1.20.6

Package Name	Version	License
github.com/miekg/dns	v1.1.4	BSD-3-Clause
github.com/moby/ipvs	v1.0.1	Apache License 2.0
github.com/mohae/deepcopy	491d3605edfb	MIT License
github.com/mrunalp/fileutils	abd8a0e76976	Apache License 2.0
github.com/munnerz/goautoneg	a7dc8b61c822	BSD 3-Clause "New" or "Revised" License
github.com/mvdan/xurls	v1.1.0	BSD 3-Clause "New" or "Revised" License
github.com/onsi/ginkgo	v1.11.0	MIT License
github.com/onsi/gomega	v1.7.0	MIT License
github.com/opencontainers/go-digest	v1.0.0	Apache-2.0
github.com/opencontainers/runc	v1.0.0-rc92	Apache License 2.0
github.com/opencontainers/selinux	v1.6.0	Apache License 2.0
github.com/pkg/errors	v0.9.1	BSD 2-Clause "Simplified" License
github.com/pmezard/go-difflib	v1.0.0	BSD-3-Clause
github.com/prometheus/client_golang	v1.7.1	Apache License 2.0
github.com/prometheus/client_model	v0.2.0	Apache License 2.0
github.com/prometheus/common	v0.10.0	Apache License 2.0
github.com/quobyte/api	v0.1.8	BSD 3-Clause "New" or "Revised" License
github.com/robfig/cron	v1.1.0	MIT License
github.com/spf13/afero	v1.2.2	Apache License 2.0
github.com/spf13/cobra	v1.1.1	Apache License 2.0
github.com/spf13/jwalterweatherman	v1.1.0	MIT License
github.com/spf13/pflag	v1.0.5	BSD 3-Clause "New" or "Revised" License
github.com/spf13/viper	v1.7.0	MIT License
github.com/storageos/go-api	v2.2.0	MIT & BSD-2-Clause
github.com/stretchr/testify	v1.6.1	MIT License
github.com/thecodeteam/goscaleio	v0.1.0	Apache License 2.0
github.com/urfave/negroni	v1.0.0	MIT License
github.com/vishvananda/netlink	v1.1.0	Apache License 2.0
github.com/vmware/govmomi	v0.20.3	Apache License 2.0
go.etcd.io/etcd	dd1b699fc489	Apache License 2.0
golang.org/x/crypto	7f63de1d35b0	BSD-3-Clause
golang.org/x/net	69a78807bb2b	BSD-3-Clause

Table 11-6 (Cont.) Software Package Dependency Licensing Information for kubernetes 1.20.6

Package Name	Version	License
golang.org/x/oauth2	bf48bf16ab8d	BSD 3-Clause "New" or "Revised" License
golang.org/x/sys	5cba982894dd	BSD-3-Clause
golang.org/x/time	3af7569d3a1e	BSD-3-Clause
golang.org/x/tools	113979e3529a	BSD-3-Clause
gonum.org/v1/gonum	v0.6.2	BSD 3-Clause "New" or "Revised" License
gonum.org/v1/netlib	76723241ea4e	BSD 3-Clause "New" or "Revised" License
google.golang.org/api	v0.20.0	BSD 3-Clause "New" or "Revised" License
google.golang.org/appengine	v1.6.5	Apache License 2.0
google.golang.org/grpc	v1.27.1	Apache License 2.0
gopkg.in/gcfg.v1	v1.2.0	BSD-3-Clause
gopkg.in/square/go-jose.v2	v2.2.2	Apache License 2.0
gopkg.in/yaml.v2	v2.2.8	Apache-2.0
k8s.io/api	v0.0.0	Apache License 2.0
k8s.io/apiextensions-apiserver	v0.0.0	Apache License 2.0
k8s.io/apimachinery	v0.0.0	Apache License 2.0
k8s.io/apiserver	v0.0.0	Apache License 2.0
k8s.io/cli-runtime	v0.0.0	Apache License 2.0
k8s.io/client-go	v0.0.0	Apache License 2.0
k8s.io/cloud-provider	v0.0.0	Apache License 2.0
k8s.io/cluster-bootstrap	v0.0.0	Apache License 2.0
k8s.io/code-generator	v0.0.0	Apache License 2.0
k8s.io/component-base	v0.0.0	Apache License 2.0
k8s.io/component-helpers	v0.0.0	Apache License 2.0
k8s.io/controller-manager	v0.0.0	Apache License 2.0
k8s.io/cri-api	v0.0.0	Apache License 2.0
k8s.io/csi-translation-lib	v0.0.0	Apache License 2.0
k8s.io/gengo	83324d819ded	Apache License 2.0
k8s.io/heapster	v1.2.0-beta.1	Apache License 2.0
k8s.io/klog/v2	v2.4.0	Apache License 2.0
k8s.io/kube-aggregator	v0.0.0	Apache License 2.0
k8s.io/kube-controller-manager	v0.0.0	Apache License 2.0
k8s.io/kube-openapi	d219536bb9fd	Apache License 2.0
k8s.io/kube-proxy	v0.0.0	Apache License 2.0
k8s.io/kube-scheduler	v0.0.0	Apache License 2.0
k8s.io/kubectrl	v0.0.0	Apache License 2.0
k8s.io/kubelet	v0.0.0	Apache License 2.0
k8s.io/legacy-cloud-providers	v0.0.0	Apache License 2.0

Table 11-6 (Cont.) Software Package Dependency Licensing Information for kubernetes 1.20.6

Package Name	Version	License
k8s.io/metrics	v0.0.0	Apache License 2.0
k8s.io/mount-utils	v0.0.0	Apache License 2.0
k8s.io/sample-apiserver	v0.0.0	Apache License 2.0
k8s.io/system-validators	v1.2.0	Apache License 2.0
k8s.io/utils	67b214c5f920	Apache License 2.0
sigs.k8s.io/yaml	v1.2.0	MIT & BSD-3-Clause

CRI-O

Table 11-7 Software Package and Container Image Licensing Information for CRI-O

Component	RPM Packages	Container Images	License Information	Dependencies
common	common-2.0.26-1. [<i>platform</i>].x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-8 .
cri-o	cri-o-1.20.2-1. [<i>platform</i>].x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-9 .
cri-tools	cri-tools-1.20.0-1. [<i>platform</i>].x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-10 .

Table 11-8 Software Package Dependency Licensing Information for common 2.0.26

Package Name	Version	License
glibc-static	2.17	LGPLv2+ and LGPLv2+ with exceptions and GPLv2
glib2-devel	2.56.1	LGPLv2+
glibc-devel	2.17	LGPLv2+ and LGPLv2+ with exceptions and GPLv2
pkgconfig	0.27.1	GPLv2+

Table 11-9 Software Package Dependency Licensing Information for cri-o 1.20.2

Package Name	Version	License
github.com/BurntSushi/toml	v0.3.1	MIT License
github.com/Microsoft/go-winio	v0.4.16	MIT License
github.com/blang/semver	v3.5.1	MIT License
github.com/containerd/cgroups	4cbc285b3327	Apache License 2.0
github.com/containerd/containerd	v1.4.1	Apache License 2.0
github.com/containerd/ttrpc	v1.0.2	Apache License 2.0
github.com/containerd/networking/cni	v0.8.0	Apache License 2.0
github.com/containerd/networking/plugins	v0.8.7	Apache License 2.0
github.com/containerd/buildah	v1.15.2	Apache License 2.0
github.com/containerd/common	v0.21.0	Apache License 2.0
github.com/containerd/conmon	v2.0.20	Apache License 2.0
github.com/containerd/image/v5	v5.10.1	Apache License 2.0
github.com/containerd/libpod/v2	v2.0.6	Apache License 2.0
github.com/containerd/ocicrypt	v1.0.3	Apache License 2.0
github.com/containerd/storage	v1.24.5	Apache License 2.0
github.com/coreos/go-systemd/v22	v22.1.0	Apache License 2.0
github.com/cpuguy83/go-md2man	v1.0.10	MIT License
github.com/creack/pty	v1.1.11	MIT License
github.com/cri-o/ocicni	513ef787b8c9	Apache License 2.0
github.com/cyphar/filepath-securejoin	v0.2.2	BSD 3-Clause "New" or "Revised" License
github.com/docker/distribution	v2.7.1	Apache License 2.0
github.com/docker/go-units	v0.4.0	Apache License 2.0
github.com/fsnotify/fsnotify	v1.4.9	BSD 3-Clause "New" or "Revised" License
github.com/go-zoo/bone	v1.3.0	MIT License
github.com/godbus/dbus/v5	v5.0.3	BSD 2-Clause "Simplified" License
github.com/gogo/protobuf	v1.3.2	BSD-3-Clause
github.com/golang/mock	v1.4.4	Apache License 2.0
github.com/google/renameio	v0.1.0	Apache License 2.0

Table 11-9 (Cont.) Software Package Dependency Licensing Information for cri-o 1.20.2

Package Name	Version	License
github.com/google/uuid	v1.1.4	BSD 3-Clause "New" or "Revised" License
github.com/grpc-ecosystem/go-grpc-middleware	v1.2.0	Apache License 2.0
github.com/hashicorp/errwrap	v1.1.0	Mozilla Public License 2.0
github.com/hpcloud/tail	v1.0.0	MIT
github.com/json-iterator/go	v1.1.10	MIT License
github.com/onsi/ginkgo	v1.14.1	MIT License
github.com/onsi/gomega	v1.10.3	MIT License
github.com/opencontainers/go-digest	v1.0.0	Apache-2.0
github.com/opencontainers/image-spec	79b036d80240	Apache License 2.0
github.com/opencontainers/runc	v1.0.0-rc92	Apache License 2.0
github.com/opencontainers/runtime-spec	4d89ac9fbff6	Apache License 2.0
github.com/opencontainers/runtime-tools	07406c5828aa	Apache License 2.0
github.com/opencontainers/selinux	v1.8.0	Apache License 2.0
github.com/pkg/errors	v0.9.1	BSD 2-Clause "Simplified" License
github.com/pquerna/ffjson	aa0246cd15f7	Apache License 2.0
github.com/prometheus/client_golang	v1.7.1	Apache License 2.0
github.com/psampaz/go-mod-outdated	v0.7.0	MIT License
github.com/sirupsen/logrus	v1.7.0	MIT License
github.com/soheilhy/cmux	v0.1.4	Apache License 2.0
github.com/stretchr/testify	v1.7.0	MIT License
github.com/syndtr/gocapability	d98352740cb2	BSD 2-Clause "Simplified" License
github.com/urfave/cli/v2	v2.2.0	MIT License
github.com/vishvananda/netlink	v1.1.0	Apache License 2.0
golang.org/x/net	6772e930b67b	BSD-3-Clause
golang.org/x/sync	67f06af15bc9	BSD-3-Clause
golang.org/x/sys	16f7687f5001	BSD-3-Clause
google.golang.org/grpc	v1.33.2	Apache License 2.0
k8s.io/api	v0.19.2	Apache License 2.0
k8s.io/apimachinery	v0.19.2	Apache License 2.0
k8s.io/client-go	v0.18.8	Apache License 2.0

Table 11-9 (Cont.) Software Package Dependency Licensing Information for cri-o 1.20.2

Package Name	Version	License
k8s.io/cri-api	v0.0.0	Apache License 2.0
k8s.io/klog/v2	v2.4.0	Apache License 2.0
k8s.io/kubernetes	v1.19.2	Apache License 2.0
k8s.io/release	v0.6.0	Apache License 2.0
k8s.io/utils	67b214c5f920	Apache License 2.0
mvdan.cc/sh/v3	v3.2.0	BSD 3-Clause "New" or "Revised" License

Table 11-10 Software Package Dependency Licensing Information for cri-tools 1.20.0

Package Name	Version	License
github.com/docker/distribution	v2.7.1	Apache License 2.0
github.com/docker/docker	c7109494fe65	Apache License 2.0
github.com/docker/go-units	v0.4.0	Apache License 2.0
github.com/golang/glog	23def4e6c14b	Apache License 2.0
github.com/golang/protobuf	v1.4.3	BSD 3-Clause "New" or "Revised" License
github.com/onsi/ginkgo	v1.14.2	MIT License
github.com/onsi/gomega	v1.10.3	MIT License
github.com/opencontainers/go-digest	v1.0.0	Apache-2.0
github.com/opencontainers/selinux	v1.6.0	Apache License 2.0
github.com/pborman/uuid	v1.2.1	BSD 3-Clause "New" or "Revised" License
github.com/pkg/errors	v0.9.1	BSD 2-Clause "Simplified" License
github.com/sirupsen/logrus	v1.7.0	MIT License
github.com/urfave/cli/v2	v2.3.0	MIT License
golang.org/x/net	69a78807bb2b	BSD-3-Clause
golang.org/x/sys	5cba982894dd	BSD-3-Clause
google.golang.org/grpc	v1.33.2	Apache License 2.0
gopkg.in/yaml.v3	eeeca48fe776	Apache-2.0
k8s.io/api	v0.0.0	Apache License 2.0
k8s.io/apimachinery	v0.0.0	Apache License 2.0
k8s.io/client-go	v11.0.0	Apache License 2.0
k8s.io/cri-api	v0.0.0	Apache License 2.0
k8s.io/kubectl	v0.0.0	Apache License 2.0
k8s.io/kubernetes	v0.0.0	Apache License 2.0
sigs.k8s.io/yaml	v1.2.0	MIT & BSD-3-Clause

Kata Containers

Table 11-11 Software Package and Container Image Licensing Information for Kata Containers

Component	RPM Packages	Container Images	License Information	Dependencies
kata-ksm-throttler	kata-ksm-throttler-1.12.1-2. [platform] .x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-12 .
kata-proxy	kata-proxy-1.12.1-2. [platform] .x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-13 .
kata-runtime	kata-runtime-1.12.1-2. [platform] .x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-14 .
kata-shim	kata-shim-1.12.1-2. [platform] .x86_64.rpm	No container images.	Apache-2.0	For software package dependency licensing information see Table 11-15 .
kata-image		No container images.	Apache-2.0	For software package dependency licensing information see Table 11-16 .

Table 11-12 Software Package Dependency Licensing Information for kata-ksm-throttler 1.12.1

Package Name	Version	License
github.com/davecgh/go-spew	v1.1.0	ISC License
github.com/fsnotify/fsnotify	4da3e2cfbabc9f751898f250b49f2439785783a1	BSD 3-Clause "New" or "Revised" License
github.com/golang/protobuf	1e59b77b52bf8e4b449a57e6f79f21226d571845	BSD 3-Clause "New" or "Revised" License
github.com/pmezard/go-difflib	v1.0.0	BSD-3-Clause
github.com/sirupsen/logrus	v1.0.3	MIT License

Table 11-12 (Cont.) Software Package Dependency Licensing Information for kata-ksm-throttler 1.12.1

Package Name	Version	License
github.com/stretchchr/testify	2aa2c176b9dab406a6970f6a55f513e8a8c8b18f	MIT License
golang.org/x/crypto	9f005a07e0d31d45e6656d241bb5c0f2efd4bc94	BSD-3-Clause
golang.org/x/net	a337091b0525af65de94df2eb7e98bd9962dcbe2	BSD-3-Clause
golang.org/x/sys	bf42f188b9bc6f2cf5b8ee5a912ef1aedd0eba4c	BSD-3-Clause
golang.org/x/text	88f656faf3f37f690df1a32515b479415e1a6769	BSD-3-Clause
google.golang.org/genproto	11c7f9e547da6db876260ce49ea7536985904c9b	Apache License 2.0
google.golang.org/grpc	v1.7.3	Apache License 2.0

Table 11-13 Software Package Dependency Licensing Information for kata-proxy 1.12.1

Package Name	Version	License
github.com/davecgh/go-spew	v1.1.0	ISC License
github.com/hashicorp/yamux	f5742cb6	Mozilla Public License 2.0
github.com/pmezard/go-difflib	v1.0.0	BSD-3-Clause
github.com/sirupsen/logrus	v1.0.4	MIT License
github.com/stretchchr/testify	v1.2.1	MIT License
golang.org/x/crypto	13931e22f9e72ea58bb73048bc752b48c6d4d4ac	BSD-3-Clause
golang.org/x/sys	810d7000345868fc619eb81f46307107118f4ae1	BSD-3-Clause

Table 11-14 Software Package Dependency Licensing Information for kata-runtime 1.12.1

Package Name	Version	License
github.com/BurntSushi/toml	v0.3.1	MIT License
github.com/Microsoft/go-winio	v0.4.12	MIT License
github.com/Microsoft/hcsshim	v0.8.6	MIT License
github.com/PuerkitoBio/purell	v1.1.1	BSD 3-Clause "New" or "Revised" License
github.com/PuerkitoBio/urlesc	de5bf2ad457846296e2031421a34e2568e304e35	BSD 3-Clause "New" or "Revised" License
github.com/asaskevich/govalidator	ccb8e960c48f04d6935e72476ae4a51028f9e22f	MIT License

Table 11-14 (Cont.) Software Package Dependency Licensing Information for kata-runtime 1.12.1

Package Name	Version	License
github.com/blang/semver	v3.6.1	MIT License
github.com/cilium/ebpf	c8f8abaa9ece88e9be5b888e23e130e726d9afa4	MIT License
github.com/codahale/hdrhistogram	3a0bb77429bd3a61596f5e8a3172445844342120	MIT License
github.com/containerd/cgroups	c4b9ac5c7601384c965b9646fc515884e091ebb9	Apache License 2.0
github.com/containerd/console	0650fd9eeb50bab4fc99dceb9f2e14cf58f36e7f	Apache License 2.0
github.com/containerd/containerd	f05672357f56f26751a521175c5a96fc21fa8603	Apache License 2.0
github.com/containerd/cri-containerd	4dd6735020f5596dd41738f8c4f5cb07fa804c5e	Apache License 2.0
github.com/containerd/fifo	a9fb20d87448d386e6d50b1f2e1fa70dcf0de43c	Apache License 2.0
github.com/containerd/gorunc	7d11b49dc0769f6dbb0d1b19f3d48524d1bad9ad	Apache License 2.0
github.com/containerd/ttrpc	92c8520ef9f86600c650dd540266a007bf03670f	Apache License 2.0
github.com/containerd/typeurl	2a93cfde8c20b23de8eb84a5adb3234ddf7a9e8d	Apache License 2.0
github.com/containerdnetworking/cni	v0.7.1	Apache License 2.0
github.com/containerdnetworking/plugins	485be65581341430f9106a194a98f0f2412245fb	Apache License 2.0
github.com/coreos/go-systemd	9002847aa1425fb6ac49077c0a630b3b67e0fbfd	Apache License 2.0
github.com/cri-o/cri-o	3394b3b2d6af0e41d185bb695c6378be5dd4d61d	Apache License 2.0
github.com/davecgh/go-spew	v1.1.1	ISC License
github.com/dlespiau/covertool	b0c4c6d0583aae4e3b5d12b6ec47767670548cc4	Apache License 2.0
github.com/docker/go-units	v0.3.3	Apache License 2.0
github.com/globalsign/mgo	eeefdec41b842af6dc652aaea4026e8403e62df	BSD-2-Clause
github.com/go-ini/ini	20b96f641a5ea98f2f8619ff4f3e061cff4833bd	Apache License 2.0
github.com/go-logr/logr	v0.2.0	Apache License 2.0
github.com/go-openapi/analysis	v0.18.0	Apache License 2.0
github.com/go-openapi/errors	v0.18.0	Apache License 2.0
github.com/go-openapi/jsonpointer	v0.18.0	Apache License 2.0
github.com/go-openapi/jsonreference	v0.18.0	Apache License 2.0
github.com/go-openapi/loads	v0.18.0	Apache License 2.0

Table 11-14 (Cont.) Software Package Dependency Licensing Information for kata-runtime 1.12.1

Package Name	Version	License
github.com/go-openapi/runtime	v0.18.0	Apache License 2.0
github.com/go-openapi/spec	v0.18.0	Apache-2.0
github.com/go-openapi/strfmt	v0.18.0	Apache License 2.0
github.com/go-openapi/swag	v0.18.0	Apache License 2.0
github.com/go-openapi/validate	v0.18.0	Apache License 2.0
github.com/godbus/dbus	v5.0.1	BSD 2-Clause "Simplified" License
github.com/gogo/protobuf	4cbf7e384e768b4e01799441f df2a706a5635ae7	BSD-3-Clause
github.com/golang/protobuf	v1.3.0	BSD 3-Clause "New" or "Revised" License
github.com/grpc-ecosystem/grpc-opentracing	8e809c8a86450a29b90dcc9ef bf062d0fe6d9746	BSD-3-Clause
github.com/hashicorp/errwrap	v1.0.0	Mozilla Public License 2.0
github.com/hashicorp/go-multierror	v1.0.0	Mozilla Public License 2.0
github.com/hashicorp/yamux	2f1d1f20f75d5404f53b9edf6b 53ed5505508675	Mozilla Public License 2.0
github.com/kata-containers/agent	e921aa3d0fa39cbd7933c15bd 6ae7f0a1d7ab757	Apache License 2.0
github.com/kata-containers/govmm	7d320e8f5dcad260c1723bda3 bff21539750d51f	Apache License 2.0
github.com/konsorten/go-windows-terminal-sequences	v1.0.2	MIT License
github.com/mailru/easyjson	6243d8e04c3f819e79757e8bc 3faa15c3cb27003	MIT License
github.com/mdlayher/vsock	7b7533a7ca4eba7dd23dab2d e70e25ca6eef7e2	MIT License
github.com/mitchellh/mapstructure	d0303fe809921458f417bcf82 8397a65db30a7e4	MIT License
github.com/opencontainers/go-digest	v1.0.0-rc1	Apache-2.0
github.com/opencontainers/runc	2b52db75279ca687e18156de 86d845876e9ef35d	Apache License 2.0
github.com/opencontainers/runtime-spec	a1b50f621a48ad13f8f696a16 2f684a241307db0	Apache License 2.0
github.com/opencontainers/selinux	v1.4.0	Apache License 2.0
github.com/opentracing/opentracing-go	v1.0.2	Apache License 2.0
github.com/pkg/errors	v0.8.1	BSD 2-Clause "Simplified" License
github.com/pmezard/go-difflib	v1.0.0	BSD-3-Clause

Table 11-14 (Cont.) Software Package Dependency Licensing Information for kata-runtime 1.12.1

Package Name	Version	License
github.com/prometheus/procfs	af7bedc223fba51343f25a6fa7aba84355d0357a	Apache License 2.0
github.com/safchain/ethtool	79559b488d8848b53a8e34c330140c3fc37ee246	Apache License 2.0
github.com/seccomp/libseccomp-golang	v0.9.0	BSD 2-Clause "Simplified" License
github.com/sirupsen/logrus	v1.4.2	MIT License
github.com/stretchr/testify	890a5c3458b43e6104ff5da8dfa139d013d77544	MIT License
github.com/uber/jaeger-client-go	v2.15.0	Apache License 2.0
github.com/uber/jaeger-lib	v1.5.0	Apache License 2.0
github.com/urfave/cli	ac249472b7de27a9e8990819566d9be95ab5b816	MIT License
github.com/vishvananda/netlink	c8c507c80ea28385caac72b682dd066e44943913	Apache License 2.0
github.com/vishvananda/netns	86bef332bfc3b59b7624a600bd53009ce91a9829	Apache License 2.0
golang.org/x/net	a8b9294777976932365dabb6640cf1468d95c70f	BSD-3-Clause
golang.org/x/oauth2	5d9234df094ce600ff541158d1491aa10d078a47	BSD 3-Clause "New" or "Revised" License
golang.org/x/sys	b016eb3dc98ea7f69ed55e8216b87187067ae621	BSD-3-Clause
golang.org/x/text	v0.3.0	BSD-3-Clause
google.golang.org/appengine	v1.6.5	Apache License 2.0
google.golang.org/genproto	5fe7a883aa19554f42890211544aa549836af7b7	Apache License 2.0
google.golang.org/grpc	d11072e7ca9811b1100b80ca0269ac831f06d024	Apache License 2.0
gopkg.in/yaml.v2	v2.2.2	Apache-2.0
k8s.io/klog	v2.2.0	Apache License 2.0
k8s.io/kubernetes	v1.18.4	Apache License 2.0

Table 11-15 Software Package Dependency Licensing Information for kata-shim 1.12.1

Package Name	Version	License
github.com/Azure/go-ansiterm	d6e3b3328b783f23731bc4d058875b0371ff8109	MIT License
github.com/codahale/hdrhistogram	3a0bb77429bd3a61596f5e8a3172445844342120	MIT License
github.com/davecgh/go-spew	v1.1.0	ISC License
github.com/docker/docker	bc183a0062c1283cfc47f42ec78501868629dd2b	Apache License 2.0

Table 11-15 (Cont.) Software Package Dependency Licensing Information for kata-shim 1.12.1

Package Name	Version	License
github.com/gogo/protobuf	4cbf7e384e768b4e01799441fdf2a706a5635ae7	BSD-3-Clause
github.com/golang/protobuf	1e59b77b52bf8e4b449a57e6f79f21226d571845	BSD 3-Clause "New" or "Revised" License
github.com/grpc-ecosystem/grpc-opentracing	8e809c8a86450a29b90dcc9efbf062d0fe6d9746	BSD-3-Clause
github.com/hashicorp/yamux	cc6d2ea263b2471faabce371255777a365bf8306	Mozilla Public License 2.0
github.com/kata-containers/agent	5bf8d4cc4614d0e0b3202f0a39d723195e341df8	Apache License 2.0
github.com/konsorten/go-windows-terminal-sequences	v1.0.2	MIT License
github.com/kr/pty	v1.1.0	MIT License
github.com/mdlayher/vsock	7b7533a7ca4eba7dd23dab2de70e25ca6eecd7e2	MIT License
github.com/moby/moby	v1.13.1	Apache License 2.0
github.com/opencontainers/runtime-spec	a1b50f621a48ad13f8f696a162f684a241307db0	Apache License 2.0
github.com/opentracing/opentracing-go	v1.0.2	Apache License 2.0
github.com/pkg/errors	v0.8.0	BSD 2-Clause "Simplified" License
github.com/pmezard/go-difflib	v1.0.0	BSD-3-Clause
github.com/sirupsen/logrus	v1.4.2	MIT License
github.com/stretchr/testify	v1.2.0	MIT License
github.com/uber/jaeger-client-go	v2.15.0	Apache License 2.0
github.com/uber/jaeger-lib	v1.5.0	Apache License 2.0
golang.org/x/net	a8b9294777976932365dabb6640cf1468d95c70f	BSD-3-Clause
golang.org/x/sys	810d7000345868fc619eb81f46307107118f4ae1	BSD-3-Clause
golang.org/x/text	e19ae1496984b1c655b8044a65c0300a3c878dd3	BSD-3-Clause
google.golang.org/genproto	a8101f21cf983e773d0c1133ebc5424792003214	Apache License 2.0
google.golang.org/grpc	d11072e7ca9811b1100b80ca0269ac831f06d024	Apache License 2.0

Table 11-16 Software Package Dependency Licensing Information for kata-image 1.12.1

Package Name	Version	License
golang	1.12.17	BSD
yq	2.4.0	MIT
util-linux	2.23.2	GPLv2 and GPLv2+ and LGPLv2+ and BSD with advertising and Public Domain
e2fsprogs	1.42.9	GPLv2
qemu-img	1.5.3	GPLv2 and GPLv2+ and CC-BY
parted	3.1	GPLv3+

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```
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A. HISTORY OF THE SOFTWARE

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

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

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

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1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes

2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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EDK2 for UEFI Development Environment Version UDK2018

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- 3) ./BaseTools/Source/C/BrotliCompress/LICENSE (same as 2))
- 4) ./AppPkg/Applications/Python/Python-2.7.10/LICENSE
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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes

2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
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4P Dependencies:

setuptools
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cffib>=1.8,!<1.11.3

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PyJWT 1.7.1
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python-dateutil 2.8.1

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sphinx-rtd-theme 0.4.2

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