

open_source_license.txt

Avi (NSX ALB) 30.2.1 GA

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The following is a listing of the open source components detailed in this document. This list is provided for your convenience; please read further if you wish to review the copyright notice(s) and the full text of the license associated with each component.

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>>> pysphere-0.1.7
>>> blist-1.3.6
>>> Twisted-19.10.0
>>> objgraph-3.4.0
>>> scikit-learn-0.23.1
>>> django-passwords-0.3.12
>>> llvmlite-0.33.0
>>> Sphinx-1.8.5
>>> uwsgitop-0.11
>>> oci-2.1.4
```

```
>>> commentjson-0.8.2
>>> azure-mgmt-monitor-0.7.0
>>> pyasn-1.5.0b6
>>> passlib-1.7.2
>>> tabulate-0.8.5
>>> networkx-1.11
>>> ampoule-19.6.0
>>> M2Crypto-0.31.0
>>> numba-0.50.1
>>> django-pgjson-0.3.1
>>> pandas-0.25.3
>>> jsonpickle-0.9.4
>>> dbus-python-1.2.16
>>> XlsxWriter-0.9.6
>>> PyJWT-1.6.4
>>> azure-mgmt-compute-10.0.0
>>> more-itertools-4.2.0
>>> autobahn-0.9.2
>>> azure-mgmt-network-8.0.0
>>> jdcal-1.4.1
>>> manhole-1.3.0
>>> openpyxl-2.4.7
>>> wsgi-intercept-1.9.2
>>> nclib-0.8.3
>>> cryptography-3.4.7
>>> decorator-5.0.6
>>> adal-1.2.7
>>> jsdiff-1.3.0
>>> six-1.16.0
>>> Authlib-0.15.3
>>> ipython-7.21.0
>>> pyperclip-1.8.2
>>> hyperlink-21.0.0
>>> parse-1.19.0
>>> croniter-1.0.15
>>> et-xmlfile-1.1.0
>>> netifaces-0.11.0
>>> humanfriendly-10.0
>>> dictdiffer-0.9.0
>>> lark-parser-0.12.0
>>> py-1.11.0
>>> pycparser-2.21
>>> service-identity-21.1.0
>>> isodate-0.6.1
>>> charset-normalizer-2.0.12
>>> unittest-xml-reporting-3.2.0
>>> ruamel.yaml-0.17.21
>>> jsonpointer-2.3
>>> azure-common-1.1.28
>>> threadpoolctl-3.1.0
>>> soupsieve-2.3.2.post1
```

```
>>> jinja2-3.1.2
>>> jopt-simple-5.0.2
>>> asm-tree-5.0.4
>>> joni-2.1.6
>>> jcodings-1.0.12
>>> asm-commons-5.0.4
>>> asm-debug-all-5.1
>>> antlr4-runtime-4.5.1-1
>>> asm-5.0.4
>>> atomicwrites-1.4.1
>>> airspeed-0.5.4.dev20150515
>>> cachetools-0.8.0
>>> pep8-1.6.2
>>> pyflakes-1.0.0
>>> pytest-4.6.8
>>> pytest-lazy-fixture-0.6.2
>>> rpmfile-0.1.4
>>> wrapt-1.14.1
>>> sigs.k8s.io/yaml-v1.2.0
>>> github.com/pkg/errors-v0.9.1
>>> github.com/spf13/pflag-v1.0.5
>>> github.com/davecgh/go-spew-v1.1.1
>>> github.com/fsnotify/fsnotify-v1.4.9
>>> dogpile.cache-1.1.8
>>> msrest-0.7.1
>>> texttable-1.6.4
>>> distlib-0.3.6
>>> github.com/russross/blackfriday/v2-v2.0.1
>>> github.com/shurcool/sanitized_anchor_name-v1.0.0
>>> github.com/grpc-ecosystem/grpc-gateway-v1.16.0
>>> github.com/dustin/go-humanize-v1.0.0
>>> github.com/cpuguy83/go-md2man/v2-v2.0.0
>>> go.uber.org/atomic-v1.9.0
>>> sigs.k8s.io/yaml-v1.3.0
>>> github.com/morikuni/aec-v1.0.0
>>> github.com/mitchellh/reflectwalk-v1.0.2
>>> github.com/miekg/pkcs11-v1.1.1
>>> github.com/mitchellh/copystructure-v1.2.0
>>> github.com/klauspost/compress-v1.15.9
>>> github.com/google/uuid-v1.3.0
>>> github.com/godbus/dbus/v5-v5.0.6
>>> go.uber.org/multierr-v1.6.0
>>> github.com/gofrs/flock-v0.8.1
>>> github.com/cilium/ebpf-v0.7.0
>>> github.com/cenkalti/backoff/v4-v4.1.2
>>> github.com/beorn7/perks-v1.0.1
>>> github.com/pelletier/go-toml-v1.9.5
>>> go.uber.org/atomic-v1.7.0
>>> github.com/json-iterator/go-v1.1.12
>>> google.golang.org/protobuf-v1.27.1
>>> github.com/gogo/protobuf-v1.3.2
```

>>> gopkg.in/inf.v0-v0.9.1
>>> github.com/sirupsen/logrus-v1.8.1
>>> go.uber.org/zap-v1.21.0
>>> github.com/golang-jwt/jwt/v4-v4.4.2
>>> graphviz-0.20.1
>>> pyhamcrest-2.0.4
>>> github.com/hashicorp/go-msgpack-v0.5.5
>>> github.com/secure-systems-lab/go-securesystemslib-v0.4.0
>>> github.com/jinzhu/inflection-v1.0.0
>>> github.com/fsnotify/fsnotify-v1.6.0
>>> github.com/godbus/dbus/v5-v5.1.0
>>> github.com/armon/go-metrics-v0.4.1
>>> configparser-5.3.0
>>> github.com/jackc/pgio-v1.0.0
>>> github.com/jackc/pgpassfile-v1.0.0
>>> github.com/jackc/chunkreader/v2-v2.0.1
>>> github.com/dgrijalva/jwt-go-v3.2.0+incompatible
>>> ruamel.yaml.clib-0.2.7
>>> babel-2.11.0
>>> sqlalchemy-1.4.44
>>> github.com/blang/semver-v3.5.1+incompatible
>>> github.com/cpuguy83/go-md2man/v2-v2.0.0-20190314233015-f79a8a8ca69d
>>> github.com/mitchellh/hashstructure/v2-v2.0.2
>>> github.com/moby/sys/symlink-v0.2.0
>>> github.com/syndtr/gocapability-v0.0.0-20200815063812-42c35b437635
>>> github.com/tchap/go-patricia-v2.2.6+incompatible
>>> github.com/urfave/cli-v1.22.1
>>> go.mozilla.org/pkcs7-v0.0.0-20200128120323-432b2356ecb1
>>> golang.org/x/time-v0.0.0-20210723032227-1f47c861a9ac
>>> github.com/seccomp/libseccomp-golang-v0.9.2-0.20220502022130-f33da4d89646
>>> github.com/emicklei/go-restful-v2.16.0+incompatible
>>> github.com/jackc/pgservicefile-v0.0.0-20200714003250-2b9c44734f2b
>>> github.com/sean-/seed-v0.0.0-20170313163322-e2103e2c3529
>>> go.uber.org/zap-v1.17.0
>>> golang.org/x/sys-v0.0.0-20220811171246-fbc7d0a398ab
>>> golang.org/x/xerrors-v0.0.0-20200804184101-5ec99f83aff1
>>> attrs-22.2.0
>>> iso8601-1.1.0
>>> pyrsistent-0.19.3
>>> lazy-object-proxy-1.9.0
>>> pygments-2.14.0
>>> altgraph-0.17.3
>>> markupsafe-2.1.2
>>> golang.org/x/text-v0.6.0
>>> golang.org/x/net-v0.5.0
>>> wcwidth-0.2.6
>>> incremental-22.10.0
>>> lxml-4.9.2
>>> python-ldap-3.4.3
>>> github.com/cespare/xxhash/v2-v2.2.0
>>> github.com/philhofer/fwd-v1.1.2

>>> golang.org/x/crypto-v0.5.0
>>> golang.org/x/time-v0.3.0
>>> traitlets-5.9.0
>>> zipp-3.12.1
>>> github.com/emicklei/go-restful/v3-v3.10.1
>>> github.com/tinylib/msgp-v1.1.8
>>> golang.org/x/net-v0.8.0
>>> golang.org/x/sys-v0.6.0
>>> github.com/golang/protobuf-v1.5.3
>>> joblib-1.2.0
>>> google.golang.org/protobuf-v1.30.0
>>> Automat-22.10.0
>>> azure-core-1.26.3
>>> elementpath-4.0.1
>>> httplib2-0.21.0
>>> isort-5.12.0
>>> numpy-1.24.2
>>> scipy-1.10.0
>>> simplejson-3.18.3
>>> xmlsec-1.3.13
>>> github.com/cenkalti/backoff/v4-v4.2.1
>>> golang.org/x/mod-v0.11.0
>>> google.golang.org/protobuf-v1.31.0
>>> golang.org/x/oauth2-v0.11.0
>>> golang.org/x/sync-v0.3.0
>>> dario.cat/mergo-v1.0.0
>>> github.com/sirupsen/logrus-v1.9.3
>>> github.com/google/uuid-v1.3.1
>>> github.com/grpc-ecosystem/grpc-gateway/v2-v2.16.0
>>> github.com/miekg/dns-v1.1.43
>>> github.com/googleapis/gax-go/v2-v2.11.0
>>> go.etcd.io/bbolt-v1.3.7
>>> golang.org/x/oauth2-v0.10.0
>>> github.com/jmoiron/sqlx-v1.3.3
>>> colorama-0.4.4
>>> github.com/cilium/ebpf-v0.11.0
>>> github.com/cyphar/filepath-securejoin-v0.2.4
>>> github.com/tonistiigi/go-archvariant-v1.0.0
>>> appdirs-1.4.3
>>> idna-2.8
>>> pyasn1-modules-0.2.1
>>> pycparser-2.19
>>> jsonpointer-2.0
>>> zipp-1.0.0
>>> github.com/Graylog2/go-gelf-v0.0.0-20191017102106-1550ee647df0
>>> github.com/Microsoft/hcsshim-v0.9.10
>>> github.com/RackSec/srslog-v0.0.0-20180709174129-a4725f04ec91
>>> github.com/armon/cirbuf-v0.0.0-20190214190532-5111143e8da2
>>> github.com/aws/aws-sdk-go-v2-v1.17.6
>>> github.com/deckarep/golang-set/v2-v2.3.0
>>> github.com/fernet/fernet-go-v0.0.0-20211208181803-9f70042a33ee

>>> github.com/golang/gddo-v0.0.0-20190904175337-72a348e765d2
>>> github.com/ishidawataru/sctp-v0.0.0-20230406120618-7ff4192f6ff2
>>> github.com/package-url/packageurl-go-v0.1.1-0.20220428063043-89078438f170
>>> github.com/tonistiigi/fsutil-v0.0.0-20230629203738-36ef4d8c0dbb
>>> github.com/tonistiigi/go-actions-cache-v0.0.0-20220404170428-0bdeb6e1eac7
>>> github.com/tonistiigi/units-v0.0.0-20180711220420-6950e57a87ea
>>> golang.org/x/net-v0.17.0
>>> github.com/google/go-cmp-v0.6.0
>>> postgresql-10.21
>>> postgresql-14.4
>>> github.com/go-redis/redis-v6.13.2+incompatible
>>> github.com/jackc/pgconn-v1.8.0
>>> github.com/jackc/pgproto3/v2-v2.0.6
>>> github.com/jackc/pgtype-v1.6.2
>>> github.com/jackc/pgx/v4-v4.10.1
>>> github.com/jackc/pgx-v3.6.0+incompatible
>>> github.com/jinzhu/nw-v1.1.2
>>> gopkg.in/natefinch/lumberjack.v2-v2.0.0-20170531160350-a96e63847dc3
>>> gorm.io/driver/postgres-v1.0.8
>>> uglify-js-3.8.1
>>> Babel-2.6.0
>>> Jinja2-2.10.1
>>> MarkupSafe-1.1.0
>>> PyJWT-1.7.1
>>> PyYAML-5.3.1
>>> Pygments-2.3.1
>>> attrs-19.3.0
>>> cryptography-2.8
>>> cx-Oracle-7.3.0
>>> docutils-0.16
>>> html5lib-1.0.1
>>> httplib2-0.14.0
>>> httplib2-0.22.0
>>> iso8601-0.1.12
>>> jsonpatch-1.22
>>> jsonpointer-2.4
>>> netaddr-0.7.19
>>> netifaces-0.10.4
>>> numpy-1.24.4
>>> oauthlib-3.1.0
>>> packaging-20.3
>>> parse-1.6.6
>>> pexpect-4.6.0
>>> pip-20.0.2
>>> py-radius-2.0.2.post1
>>> pyasn1-modules-0.3.0
>>> pyasn1-0.4.2
>>> pyparsing-2.4.6
>>> pyrsistent-0.15.5
>>> python-ldap-3.2.0
>>> redis-3.3.11

```
>>> scipy-1.10.1
>>> setuptools-45.2.0
>>> setuptools-49.1.0
>>> six-1.14.0
>>> texttable-1.6.2
>>> urllib3-1.25.8
>>> virtualenv-20.0.17
>>> zope.interface-4.7.1
>>> golang.org/x/text-v0.14.0
>>> github.com/felixge/httpsnoop-v1.0.4
>>> joblib-1.3.2
>>> PyYAML-6.0.1
>>> github.com/Microsoft/hcsshim-v0.11.4
>>> github.com/cloudflare/cfssl-v1.6.4
>>> github.com/google/uuid-v1.5.0
>>> github.com/gorilla/mux-v1.8.1
>>> github.com/klauspost/compress-v1.17.4
>>> github.com/vbatts/tar-split-v0.11.5
>>> github.com/weppos/publicsuffix-go-v0.15.1-0.20210511084619-b1f36a2d6c0b
>>> github.com/zmap/zcrypto-v0.0.0-20210511125630-18f1e0152cfc
>>> golang.org/x/crypto-v0.17.0
>>> golang.org/x/crypto-v0.18.0
>>> golang.org/x/exp-v0.0.0-20230224173230-c95f2b4c22f2
>>> golang.org/x/net-v0.18.0
>>> golang.org/x/sys-v0.16.0
>>> golang.org/x/term-v0.16.0
>>> google.golang.org/api-v0.126.0
>>> resenje.org/singleflight-v0.4.1
>>> iso8601-2.1.0
>>> ruamel.yaml.clib-0.2.8
>>> simplejson-3.19.2
>>> sopsieve-2.5
>>> texttable-1.7.0
>>> jmespath-1.0.1
>>> charset-normalizer-3.3.2
>>> lxml-5.1.0
>>> isort-5.13.2
>>> attrs-23.2.0
>>> urllib3-1.26.15
>>> github.com/bastjan/netstat-v1.0.0
>>> gorm.io/gorm-v1.21.12
>>> Babel-2.14.0
>>> Jinja2-3.1.3
>>> MarkupSafe-2.1.5
>>> PyHamcrest-2.1.0
>>> Pygments-2.17.2
>>> azure-core-1.30.1
>>> azure-storage-blob-12.16.0
>>> cachetools-5.3.3
>>> configparser-6.0.1
>>> constantly-23.10.4
```



```
>>> dogpile.cache-1.3.2
>>> elementpath-4.4.0
>>> graphviz-0.20.2
>>> lazy-object-proxy-1.10.0
>>> parse-1.20.1
>>> platformdirs-4.2.0
>>> pyrsistent-0.20.0
>>> python-ldap-3.4.4
>>> ruamel.yaml-0.18.6
>>> threadpoolctl-3.3.0
>>> traitlets-5.14.2
>>> typing_extensions-4.10.0
>>> wcwidth-0.2.13
>>> wrapt-1.16.0
>>> xmlschema-3.1.0
>>> zipp-3.18.1
```

SECTION 4: Common Development and Distribution License, V1.0

```
>>> activation-1.1
```

SECTION 5: GNU General Public License, V2.0

```
>>> uwsgi-2.0.18
>>> azure-mgmt-nspkg-3.0.2
>>> azure-nspkg-3.0.2
>>> pylint-2.6.0
>>> py-zabbix-1.1.5
>>> pylru-1.0.6
>>> scrapy-2.4.3
>>> pyinstaller-4.7
>>> python-debian-0.1.42
>>> igraph-0.10.4
>>> python-igraph-0.8.0
>>> busybox-1.30.1
>>> cpuset-1.6
>>> python-apt-2.0.1+ubuntu0.20.4.1
```

SECTION 6: GNU General Public License, V3.0

```
>>> ansible-2.9.13
>>> ufw-0.36
>>> stopit-1.1.2
>>> scp-0.14.5
>>> bash-5.0.17
```

SECTION 7: GNU Lesser General Public License, V2.1

```
>>> chardet-3.0.4
>>> paramiko-2.6.0
>>> PyGObject-3.36.0
```

```
>>> spyne-2.13.11a0
>>> PyXDG-0.28
```

SECTION 8: GNU Lesser General Public License, V3.0

```
>>> suds-community-0.8.4
>>> wadllib-1.3.3
>>> websocket-client-0.40.0
>>> lazr.uri-1.0.3
>>> lazr.restfulclient-0.14.2
>>> astroid-2.5
>>> jts-1.13
>>> pymssql-linux-2.1.6
```

SECTION 9: GNU Library General Public License, V2.0

```
>>> GeoIP-1.3.2
```

SECTION 10: Mozilla Public License, V2.0

```
>>> certifi-2019.11.28
>>> github.com/hashicorp/golang-lru-v0.5.4
>>> github.com/hashicorp/go-multierror-v1.1.1
>>> github.com/hashicorp/go-immutable-radix-v1.3.1
>>> github.com/hashicorp/errwrap-v1.1.0
>>> github.com/hashicorp/go-sockaddr-v1.0.2
>>> github.com/hashicorp/go-memdb-v1.3.2
>>> github.com/hashicorp/memberlist-v0.4.0
>>> github.com/hashicorp/serf-v0.8.5
```

SECTION 11: Python Software Foundation License 2.0

```
>>> subprocess32-3.5.4
>>> defusedxml-0.7.1
>>> roman-2.0.0
>>> python-3.8.10
>>> typing-extensions-4.4.0
>>> Simple Launcher Executable-1.1.0.14
>>> distlib-0.3.0
```

PART 2. OPERATING SYSTEM LAYER

SECTION 1: Academic Free License, V2.1

```
>>> dbus-1.12.16-2ubuntu2.3
```

SECTION 2: Apache License, V2.0

```
>>> vulkan-loader-1.2.131.2-1
>>> python-distro-1.4.0-1
>>> python-importlib-metadata-1.5.0-1
```

```
>>> argon2-0~20171227-0.2
>>> requests-2.22.0-2ubuntu1
>>> python-requests-unixsocket-0.2.0-2
>>> libmaxminddb-1.4.2-0ubuntu1.20.04.1
>>> rsyslog-8.2001.0-1ubuntu1.3
>>> walinuagent-2.2.46-0ubuntu1.2
>>> cups-2.3.1-9ubuntu1.2
>>> openjdk-8-8u362-ga-0ubuntu1~20.04.1
>>> cloud-init-23.1.1-0ubuntu0~20.04.1
```

SECTION 3: Artistic License, V1.0

```
>>> libsub-override-perl-0.09-2
>>> libjson-perl-4.02000-2
>>> liberror-perl-0.17029-1
>>> Perl-5.30.0
>>> perl-modules-5.30-5.30.0
```

SECTION 4: BSD-STYLE, MIT-STYLE, OR SIMILAR STYLE LICENSES

```
>>> popt-1.16
>>> unzip-6.0
>>> zip-3.0
>>> cron-3.0pl1
>>> ssl-cert-1.0.39
>>> lua-bitop-1.0.2-5
>>> lua-cjson-2.1.0+dfsg-2.1
>>> pigz-2.4-1
>>> rssh-2.3.4-7
>>> libffi7-3.3-4
>>> libxcb1-1.14-2
>>> libncurses6-6.2-0ubuntu2
>>> libedit2-3.1-20191231-1
>>> libpsl5-0.21.0-1ubuntu1
>>> libxmu1-1.1.3-0ubuntu1
>>> libdb5.3-5.3.28+dfsg1-0.6ubuntu2
>>> libcbor0.6-0.6.0-0ubuntu1
>>> libxext6-1.3.4-0ubuntu1
>>> libselinux1-3.0-1build2
>>> ncurses-base-6.2-0ubuntu2
>>> libxdmcp6-1.1.3-0ubuntu1
>>> ncurses-bin-6.2-0ubuntu2
>>> libncursesw6-6.2-0ubuntu2
>>> libtinfo6-6.2-0ubuntu2
>>> dash-0.5.10.2-6
>>> libbsd0-0.10.0-1
>>> debconf-1.5.73
>>> libdebconfclient0-0.251ubuntu1
>>> libbz2-1.0-1.0.8-2
>>> debianutils-4.9.1
>>> libnghttp2-14-1.40.0-1build1
```

```
>>> bzip2-1.0.8-2
>>> libfido2-1-1.3.1-1ubuntu2
>>> libxau6-1.0.9-0ubuntu1
>>> libxrender1-1:0.9.10-1
>>> libxshmfence1-1.3-1
>>> libxtst6-2:1.2.3-1
>>> fonts-dejavu-core-2.37-1
>>> libxt6-1:1.1.5-1
>>> libxv1-2:1.0.11-1
>>> libxaw7-2:1.0.13-1
>>> libsm-1.2.3-1
>>> pyasn1-0.4.2-3build1
>>> libxdamage-1.1.5-2
>>> libyaml-0.2.2-1
>>> pyparsing-2.4.6-1
>>> python-oauthlib-3.1.0-1ubuntu2
>>> python-idna-2.8-1
>>> more-itertools-4.2.0-1build1
>>> bsdmainutils-11.1.2ubuntu3
>>> snappy-1.1.8-1build1
>>> libxrandr-1.5.2-0ubuntu1
>>> mpdecimal-2.4.2-3
>>> snowball-0+svn585-2
>>> netcat-openbsd-1.206-1ubuntu1
>>> python-packaging-20.3-1
>>> libsodium-1.0.18-1
>>> python-pyasn1-modules-0.2.1-0.2build1
>>> python-redis-3.3.11-2
>>> tcl8.6-8.6.10+dfsg-1
>>> libxxf86vm-1.1.4-1build1
>>> tcp-wrappers-7.6.q-30
>>> python-dateutil-2.7.3-3ubuntu1
>>> python-iso8601-0.1.12-1
>>> libvorbis-1.3.6-2ubuntu1
>>> libpwquality-1.4.2-1build1
>>> blinker-1.4+dfsg1-0.3ubuntu1
>>> libxcomposite-0.4.5-1
>>> pyinotify-0.9.6-1.2ubuntu1
>>> libcap2-2.32-1
>>> libxkbfile-1.1.0-1
>>> pexpect-4.6.0-1build1
>>> libxcursor-1.2.0-2
>>> lua5.3-5.3.3-1.1ubuntu2
>>> lua5.2-5.2.4-1.1build3
>>> iputils-20190709-3
>>> scowl-2018.04.16-1
>>> pyserial-3.4-5.1
>>> xorg-7.7+19ubuntu14
>>> libjsoncpp-1.7.4-3.1ubuntu2
>>> netifaces-0.10.4-1ubuntu4
>>> jansson-2.12-1build1
```

```
>>> libpng1.6-1.6.37-2
>>> simplejson-3.16.0-2ubuntu2
>>> appdirs-1.4.3-2.1
>>> python-httpplib2-0.14.0-1ubuntu1
>>> fontconfig-2.13.1-2ubuntu3
>>> python-roman-2.0.0-3build1
>>> boost1.71-1.71.0-6ubuntu6
>>> pcsc-lite-1.8.26-3
>>> yajl-2.1.0-3
>>> six-1.14.0-2
>>> mime-support-3.64ubuntu1
>>> python-cffi-1.14.0-1build1
>>> google-perftools-2.7-1ubuntu2
>>> dbus-python-1.2.16-1build1
>>> llvm-toolchain-10-10.0.0-4ubuntu1
>>> libfontenc-1.1.4-0ubuntu1
>>> libxinerama-1.1.4-2
>>> file-5.38-4
>>> python3-defaults-3.8.2-0ubuntu2
>>> xmlsec1-1.2.28-2
>>> lcms2-2.9-4
>>> x11-utils-7.7+5
>>> prettytable-0.7.2-5
>>> libogg-1.3.4-0ubuntu1
>>> lmbd-0.9.24-1
>>> python-json-patch-1.23-3
>>> libpcap-1.9.1-3
>>> libxmu-1.1.3-0ubuntu1
>>> alabaster-0.7.8-1build1
>>> ptyprocess-0.6.0-1ubuntu1
>>> babeltrace-1.5.8-1build1
>>> zope.interface-4.7.1-1
>>> libxfixes-5.0.3-2
>>> jquery-3.3.1~dfsg-3
>>> sphinx-1.8.5-7ubuntu3
>>> python-imagesize-1.2.0-1
>>> libxxf86dga-1.1.5-0ubuntu1
>>> libxcb-1.14-2
>>> jinja2-2.10.1-2
>>> configobj-5.0.6-4
>>> python-zipp-1.0.0-1
>>> yaml-cpp-0.6.2-4ubuntu1
>>> pypersistent-0.15.5-1build1
>>> markupsafe-1.1.0-1build2
>>> python-attrs-19.3.0-2
>>> libarchive-zip-perl-1.67-2
>>> libice-1.0.10-0ubuntu1
>>> ieee-data-20180805.1
>>> gcc-defaults-1.185.1ubuntu2
>>> groff-1.22.4-4build1
>>> libxi-1.7.10-0ubuntu1
```

```
>>> giflib-5.1.9-1
>>> pci.ids-0.0~2020.03.20-1
>>> libonig-6.9.4-1
>>> gflags-2.2.2-1build1
>>> python-filelock-3.0.12-2
>>> docopt-0.6.2-2.2ubuntu1
>>> luajit-2.1.0~beta3+dfsg-5.1build1
>>> norm-1.5.8+dfsg2-2build1
>>> jemalloc-5.2.1-1ubuntu1
>>> hiredis-0.14.0-6
>>> texttable-1.6.2-2
>>> python-wsgi-intercept-1.9.2-0ubuntu3
>>> python-parse-1.6.6-0.2build1
>>> blist-1.3.6-6build2
>>> geoip-database-20191224-2
>>> py-radix-0.10.0-3build1
>>> libsmi-0.4.8+dfsg2-16
>>> daemontools-0.76-7
>>> google-glog-0.4.0-1build1
>>> lua5.1-5.1.5-8.1build4
>>> json-c-0.13.1+dfsg-7ubuntu0.3
>>> strace-5.5-3ubuntu1
>>> libfastjson4-0.99.8-2
>>> brotli-1.0.7-6ubuntu0.1
>>> python-cryptography-2.8-3ubuntu0.1
>>> lsof-4.93.2+dfsg-1ubuntu0.20.04.1
>>> p11-kit-0.23.20-1ubuntu0.1
>>> jq-1.6-1ubuntu0.20.04.1
>>> libwebp-0.6.1-2ubuntu0.20.04.1
>>> python-babel-2.6.0+dfsg.1-1ubuntu2.2
>>> underscore-1.9.1~dfsg-1ubuntu0.20.04.1
>>> pyyaml-5.3.1-1ubuntu0.1
>>> pygments-2.3.1+dfsg-1ubuntu2.2
>>> libx11-1.6.9-2ubuntu1.2
>>> libzstd-1.4.4+dfsg-3ubuntu0.1
>>> lz4-1.9.2-2ubuntu0.20.04.1
>>> ntp-4.2.8p12+dfsg-3ubuntu4.20.04.1
>>> python-virtualenv-20.0.17-1ubuntu0.4
>>> libuv1-1.34.2-1ubuntu1.3
>>> libssh-0.9.3-2ubuntu2.2
>>> libgd2-2.2.5-5.2ubuntu2.1
>>> libgcrypt20-1.8.5-5ubuntu1.1
>>> OpenSSL-1.1.1f
>>> logsave-1.45.5
>>> PCRE2-10.34
>>> curl-7.68.0
>>> python-netaddr-0.7.19-3ubuntu1
>>> speex-1.2~rc1.2-1.1ubuntu1.20.04.1
>>> cyrus-sasl2-2.1.27+dfsg-2ubuntu0.1
>>> redis-5.0.7-2ubuntu0.1
>>> libglvnd-1.3.2-1~ubuntu0.20.04.2
```

```
>>> libdrm-2.4.107-8ubuntu1~20.04.2
>>> llvm-toolchain-12-12.0.0-3ubuntu1~20.04.5
>>> mesa-21.2.6-0ubuntu0.1~20.04.2
>>> libarchive-3.4.0-2ubuntu1.2
>>> tcpdump-4.9.3-4ubuntu0.1
>>> openssh-8.2p1-4ubuntu0.5
>>> klibc-2.0.7-1ubuntu5.1
>>> pcre3-8.39-12ubuntu0.1
>>> openldap-2.4.49+dfsg-2ubuntu1.9
>>> HarfBuzz-2.6.4
>>> libxft2-2.3.3
>>> libicu66-66.1
>>> libpciaccess0-0.16
>>> c-ares-1.15.0
>>> libisl22-0.22.1
>>> python-ldap-3.2.0-4ubuntu2.1
>>> libxslt-1.1.34-4ubuntu0.20.04.1
>>> freetype-2.10.1-2ubuntu0.2
>>> pyjwt-1.7.1-2ubuntu2.1
>>> dnspython-1.16.0-1ubuntu1
>>> python3-json-pointer-2.0-0ubuntu1
>>> python3-jjsonschema-3.2.0-0ubuntu2
>>> libjpeg-turbo-2.0.3-0ubuntu1.20.04.3
>>> zlib-1.2.11.dfsg-2ubuntu1.5
>>> python-tz-2019.3-1ubuntu0.20.04.0
>>> tzdata-2022g-0ubuntu0.20.04.1
>>> sqlite3-3.31.1-4ubuntu0.5
>>> expat-2.2.9-1ubuntu0.6
>>> libxml2-2.9.10+dfsg-5ubuntu0.20.04.5
>>> nginx-1.18.0-0ubuntu1.4
>>> pixman-0.38.4-0ubuntu2.1
>>> libunwind-1.2.1-9ubuntu0.1
>>> net-snmp-5.8+dfsg-2ubuntu2.6
>>> libxpm-3.5.12-1ubuntu0.20.04.1
>>> sudo-1.8.31-1ubuntu1.4
>>> python-urllib3-1.25.8-2ubuntu0.2
>>> setuptools-45.2.0-1ubuntu0.1
>>> pam-1.3.1-5ubuntu4.6
>>> heimdal-7.7.0+dfsg-1ubuntu1.4
>>> python-pip-20.0.2-5ubuntu1.8
>>> tiff-4.1.0+git191117-2ubuntu0.20.04.8
>>> base-files-11ubuntu5.7
>>> krb5-1.17-6ubuntu4.3
>>> distro-info-data-0.43ubuntu1.12
```

SECTION 5: Creative Commons Attribution 2.5

```
>>> adwaita-icon-theme-3.36.1-2ubuntu0.20.04.2
```

SECTION 6: Creative Commons Attribution-ShareAlike, V3.0

>>> sound-theme-freedesktop-0.8-2ubuntu1

SECTION 7: Eclipse Public License, V2.0

>>> postfix-3.4.13-0ubuntu1.2

SECTION 8: GNU Free Documentation License V1.1

>>> parted-3.3-4ubuntu0.20.04.1

SECTION 9: GNU General Public License, V1.0

>>> logrotate-3.14.0-4ubuntu3

>>> libperl5.30-5.30.0

SECTION 10: GNU General Public License, V2.0

>>> libnfnetwork-1.0.1

>>> alien-8.95

>>> hicolor-icon-theme-0.17-2

>>> humanity-icon-theme-0.6.15

>>> cgroup-lite-1.15

>>> prelink-0.0.20131005-1

>>> sshpass-1.06-1

>>> traceroute-2.1.0-2

>>> hostname-3.23

>>> sensible-utils-0.0.12+nmu1

>>> librtmp1-2.4+20151223.gitfa8646d.1-2build1

>>> adduser-3.118ubuntu2

>>> base-passwd-3.5.47

>>> libaudit1-2.8.5-2ubuntu6

>>> sysvinit-utils-2.96-2.1ubuntu1

>>> init-system-helpers-1.57

>>> lsb-base-11.1.0ubuntu2

>>> libaudit-common-2.8.5-2ubuntu6

>>> mawk-1.3.4.20200120-2

>>> libgpm2-1.20.7-5

>>> net-tools-1.60+git20180626.aebd88e-1ubuntu1

>>> audit-2.8.5-2ubuntu6

>>> dh-autoreconf-19

>>> intltool-debian-0.35.0+20060710.5

>>> graphite2-1.3.13-11build1

>>> ca-certificates-java-20190405ubuntu1

>>> sgml-base-1.29.1

>>> libsigsegv-2.12-2

>>> lsb-11.1.0ubuntu2

>>> libnetfilter-conntrack-1.0.7-2

>>> htop-2.2.0-2build1

>>> libnftnl-1.1.5-1

>>> bash-completion-2.10-1ubuntu1

>>> man-db-2.9.1-1


```
>>> fuse-2.9.9-3
>>> sbc-1.4-1
>>> elfutils-0.176-1.1build1
>>> dwz-0.13-5
>>> psmisc-23.3-1
>>> iproute2-5.5.0-1ubuntu1
>>> debhelper-12.10ubuntu1
>>> rdma-core-28.0-1ubuntu1
>>> xml-core-0.18+nmu1
>>> ucf-3.0038+nmu1
>>> automake-1.16-1.16.1-4ubuntu6
>>> java-common-0.72
>>> po-debconf-1.0.21
>>> iptables-1.8.4-3ubuntu2
>>> libpipeline-1.5.2-2build1
>>> shared-mime-info-1.15-1
>>> pinentry-1.1.0-3build1
>>> netbase-6.1
>>> python-igraph-0.8.0-2build1
>>> scapy-2.4.3-4
>>> sshfs-fuse-3.6.0+repack+really2.10-0ubuntu1
>>> smem-1.5-1
>>> libkeepalive-0.3-2
>>> ifupdown-0.8.35ubuntu1
>>> uwsgi-2.0.18-11ubuntu1
>>> wireshark-3.2.3-1
>>> nsca-2.9.2-3
>>> spandsp-0.0.6+dfsg-2
>>> gobject-introspection-1.64.1-1~ubuntu20.04.1
>>> make-4.2.1-1.2
>>> packagekit-1.1.13-2ubuntu1.1
>>> pciutils-3.6.4-1ubuntu0.20.04.1
>>> ubuntu-keyring-2020.02.11.4
>>> linux-base-4.5ubuntu3.7
>>> procps-3.3.16-1ubuntu2.3
>>> libsepol-3.0
>>> keyutils-1.6
>>> e2fsprogs-1.45.5
>>> libhogweed5-3.5.1+really3.5.1
>>> systemd-245.4
>>> wget-1.20.3-1ubuntu2
>>> ipset-7.5-1ubuntu0.20.04.1
>>> busybox-1.30.1-4ubuntu6.4
>>> aide-0.16.1-1ubuntu0.1
>>> initramfs-tools-0.136ubuntu6.7
>>> kmod-27-1ubuntu2.1
>>> util-linux-2.34-0.1ubuntu9.3
>>> cryptsetup-2.2.2-3ubuntu2.4
>>> gcc-9-9.4.0-1ubuntu1~20.04.1
>>> xz-utils-5.2.4-1ubuntu1.1
>>> lm-sensors-3.6.0-2ubuntu1.1
```

```
>>> gcc-10-base-10.3.0
>>> libgcc-s1-10.3.0
>>> dpkg-1.19.7ubuntu3.2
>>> libip4tc2-1.8.4
>>> libapt-pkg6.0-2.0.9
>>> apt-2.0.9
>>> gmp-6.2.0+dfsg-4ubuntu0.1
>>> apparmor-2.13.3-7ubuntu5.2
>>> multipath-tools-0.8.3-1ubuntu2.1
>>> sysstat-12.2.0-2ubuntu0.2
>>> shadow-4.8.1-1ubuntu5.20.04.4
>>> flac-1.3.3-1ubuntu0.1
>>> jbigkit-2.1-3.1ubuntu0.20.04.1
>>> binutils-2.34-6ubuntu1.4
>>> mysql-8.0-8.0.31-0ubuntu0.20.04.2
>>> software-properties-0.99.9.11
>>> git-2.25.1-1ubuntu3.10
>>> mysql-common-5.8+1.0.5ubuntu2
>>> python-apt-2.0.1ubuntu0.20.04.1
>>> linux-5.4.0-147.164
```

SECTION 11: GNU General Public License, V3.0

```
>>> grub-gfxpayload-lists-0.7
>>> autotools-dev-20180224.1
>>> diffutils-3.7-3
>>> sed-4.7-1
>>> grep-3.4-1
>>> findutils-4.7.0-1ubuntu1
>>> coreutils-8.30-3ubuntu2
>>> cloud-utils-0.31-7-gd99b2d76-0ubuntu1
>>> readline-8.0-4
>>> patch-2.7.6-6
>>> strip-nondeterminism-1.7.0-1
>>> gettext-0.19.8.1-10build1
>>> ubuntu-themes-19.04-0ubuntu3
>>> dmidecode-3.2-3
>>> m4-1.4.18-4
>>> libassuan-2.5.3-7ubuntu2
>>> libtool-2.4.6-14
>>> autoconf-2.69-11.1
>>> libmcrypt-2.5.8-3.4
>>> zeromq3-4.3.2-2ubuntu1
>>> parallel-20161222-1.1
>>> autogen-5.18.16-3
>>> haveged-1.9.1-6ubuntu1
>>> less-551-1ubuntu0.1
>>> libgdbm-compat4-1.18.1-5
>>> libgdbm6-1.18.1-5
>>> gcc-10-10.3.0-1ubuntu1~20.04
>>> screen-4.8.0-1ubuntu0.1
```

```
>>> cpio-2.13+dfsg-2ubuntu0.3
>>> ufw-0.36-6ubuntu1
>>> gzip-1.10-0ubuntu4.1
>>> bash-5.0-6ubuntu1.2
>>> libctf0-2.34
>>> libctf-nobfd0-2.34
>>> gnupg2-2.2.19-3ubuntu2.2
>>> netplan.io-0.104-0ubuntu2~20.04.2
>>> grub2-2.04-1ubuntu26.16
>>> tar-1.30+dfsg-7ubuntu0.20.04.3
>>> rsync-3.1.3-8ubuntu0.5
```

SECTION 12: GNU Lesser General Public License, V2.1

```
>>> libasyncns-0.8
>>> libjpeg8-8c-2ubuntu8
>>> libattr1-2.4.48-5
>>> libgpg-error0-1.37-1
>>> libtasn1-6-4.16.0-2
>>> libacl1-2.2.53-6
>>> libcap-ng0-0.7.9-2.1build1
>>> libsemanage1-3.0-1build2
>>> libsemanage-common-3.0-1build2
>>> libcrypt1-4.4.10-10ubuntu4
>>> libmnl0-1.0.4-2
>>> iso-codes-4.4-1
>>> libthai-0.1.28-3
>>> libaio-0.3.112-5
>>> libxcrypt-4.4.10-10ubuntu4
>>> dconf-0.36.0-1
>>> libutempter-1.1.6-4
>>> libdatrie-0.2.12-3
>>> libmspack-0.10.1-2
>>> gsettings-desktop-schemas-3.36.0-1ubuntu1
>>> uchardet-0.0.6-3build1
>>> chardet-3.0.4-4build1
>>> cracklib2-2.9.6-3.2
>>> appstream-0.12.10-2
>>> java-atk-wrapper-0.37.1-1
>>> libpgm-5.2.122~dfsg-3ubuntu1
>>> rpm-4.14.2.1+dfsg1-1build2
>>> libcgroup-0.41-10
>>> libpcre++-0.9.5-6.1build1
>>> geopip-1.6.12-6build1
>>> libestr0-0.1.10-2.1
>>> libproxy-0.4.15-10ubuntu1.2
>>> avahi-0.7-4ubuntu7.1
>>> glib2.0-2.64.6-1~ubuntu20.04.4
>>> libsndfile-1.0.28-7ubuntu0.1
>>> libnettle7-3.5.1+really3.5.1
>>> alsa-lib-1.2.2-2.1ubuntu2.5
```

```
>>> libseccomp-2.5.1-1ubuntu1~20.04.2
>>> fribidi-1.0.8-2ubuntu0.1
>>> glibc-2.31-0ubuntu9.9
>>> libatk-wrapper-java-0.37.1
>>> gstreamer1.0-1.16.3-0ubuntu1.1
>>> ceph-15.2.17-0ubuntu0.20.04.1
>>> qemu-4.2-3ubuntu6.24
>>> libnl3-3.4.0-1ubuntu0.1
```

SECTION 13: GNU Lesser General Public License, V3.0

```
>>> libidn2-0-2.2.0-2
>>> libunistring2-0.9.10-2
>>> libmpc3-1.1.0-1
>>> pango1.0-1.44.7-2ubuntu4
>>> pygobject-3.36.0-1
>>> suds-0.8.4-1
>>> lazr.restfulclient-0.14.2-2build1
>>> python-wadllib-1.3.3-3build1
>>> gtk+2.0-2.24.32-4ubuntu4
>>> lazr.uri-1.0.3-4build1
>>> libmpfr6-4.0.2-1
>>> gdb-9.2-0ubuntu1~20.04.1
>>> tdb-1.4.5-0ubuntu0.20.04.1
```

SECTION 14: GNU Library General Public License, V2.0

```
>>> libcroco-0.6.13-1
>>> libsoup2.4-2.70.0-1
>>> libiscsi-1.18.0-2
>>> cairo-1.16.0-4ubuntu1
>>> atk1.0-2.35.1-1ubuntu2
>>> lvm2-2.03.07-1ubuntu1
>>> python-geoip-1.3.2-3build1
>>> glib-networking-2.64.2-1ubuntu0.1
>>> libnptl0-1.6-1
>>> efivar-37-2ubuntu2.2
>>> librsvg-2.48.9-1ubuntu0.20.04.1
>>> pulseaudio-13.99.1-1ubuntu3.13
>>> gtk+3.0-3.24.20-0ubuntu1.1
>>> policykit-1-0.105-26ubuntu1.3
>>> libatk-bridge2.0-0-2.34.2
>>> libcanberra0-0.30
>>> libatspi2.0-0-2.36.0
>>> open-vm-tools-11.3.0-2ubuntu0~ubuntu20.04.3
>>> gdk-pixbuf-2.40.0+dfsg-3ubuntu0.4
>>> gnutls28-3.6.13-2ubuntu1.8
```

SECTION 15: Mozilla Public License, V2.0

```
>>> python-certifi-2019.11.28-1
```

```
>>> nspr-4.25-1
>>> bind9-libs-9.11.16+dfsg-3~ubuntu1
>>> bind9-9.16.1-0ubuntu2.11
>>> isc-dhcp-4.4.1-2.1ubuntu5.20.04.4
>>> ca-certificates-20211016ubuntu0.20.04.1
>>> nss-3.49.1-1ubuntu1.9
>>> bind9-9.16.1-0ubuntu2.14
>>> vim-8.1.2269-1ubuntu5.13
```

SECTION 16: Python Software Foundation License 2.0

```
>>> python-docutils-0.16+dfsg-2
>>> distlib-0.3.0-1
>>> python3-stdlib-extensions-3.8.10-0ubuntu1~20.04
>>> python3.8-minimal-3.8.10
>>> libpython3.8-stdlib-3.8.10
>>> libpython3.8-minimal-3.8.10
>>> libpython3.8-3.8.10
>>> python3.8-3.8.10-0ubuntu1~20.04.7
```

APPENDIX. Standard License Files

```
>>> Common Development and Distribution License, V1.0
>>> Apache License, V2.0
>>> GNU Lesser General Public License, V2.1
>>> GNU General Public License, V2.0
>>> Mozilla Public License, V2.0
>>> Python Software Foundation License 2.0
>>> GNU General Public License, V3.0
>>> GNU Lesser General Public License, V3.0
>>> GNU Library General Public License, V2.0
>>> Academic Free License, V2.1
>>> Creative Commons Attribution-ShareAlike, V3.0
>>> Artistic License, V1.0
>>> GNU General Public License, V1.0
>>> Creative Commons Attribution 2.5
>>> GNU Free Documentation License V1.1
>>> Eclipse Public License, V2.0
>>>
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>>> GNU Free Documentation License V1.3
>>> SIL Open Font License, V1.1
>>> Common Public License, V1.0
>>> Common Development and Distribution License, V1.1
>>> Eclipse Public License, V1.0
>>> Creative Commons Attribution-ShareAlike, V4.0
>>> GNU General Public License v3 w/ GCC runtime exception
>>> Creative Commons Attribution License, V3.0
```

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>>> Artistic License, V2.0
>>> Apple Public Source License 2.0
>>> Artistic License v1.0 w/ clause 8
>>> Ruby License
>>> Microsoft Reciprocal License
>>> Apple Public Source License 1.1
>>> libpng License
>>> Mozilla Public License, V1.1

===== PART 1. APPLICATION LAYER =====

----- SECTION 1: Academic Free License, V2.1 -----

>>> simplejson-3.16.0

----- SECTION 2: Apache License, V2.0 -----

>>> xmlschema-1.4.5

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The Apache Software Foundation (<http://www.apache.org/>).

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ADDITIONAL LICENSE INFORMATION:

Transitive dependencies of this project determined from the
maven pom organized by organization.

Apache WebServices - XmlSchema

From: 'Apache Software Foundation' (<http://www.apache.org/>)
- Apache Webservices Java 5 Classes
(<http://ws.apache.org/commons/ws-commons-java5/>)
org.apache.ws.commons:ws-commons-java5:jar:1.0.1
License: The Apache Software License, Version 2.0
(<http://www.apache.org/licenses/LICENSE-2.0.txt>)

- XML Commons External Components XML APIs
(<http://xml.apache.org/commons/#external>) xml-apis:xml-apis:jar:1.0.b2
License: The Apache Software License, Version 2.0
(<http://www.apache.org/licenses/LICENSE-2.0.txt>)

>>> commons-logging-1.1.3

Apache Commons Logging
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>>> requests-toolbelt-0.8.0

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>>> oslo.log-3.36.0

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>>> httpclient-4.5.2

Apache HttpClient
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ADDITIONAL LICENSE INFORMATION:

>

httpclient-4.5.2-sources.jar\META-INF\DEPENDENCIES

Transitive dependencies of this project determined from the maven pom organized by organization.

Apache HttpClient

From: 'The Apache Software Foundation' (<http://www.apache.org/>)
- Apache Commons Codec (<http://commons.apache.org/proper/commons-codec/>)

commons-codec:commons-codec:jar:1.9
License: The Apache Software License, Version 2.0
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>>> python-dateutil-2.7.3

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Found in: azure-storage-0.36.0/azure/storage/_deserialization.py
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>>> awscli-1.18.125
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grpcio-tools-1.18.0/grpc_root/include/grpc++/impl/codegen/sync_stream.h

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>>> ua-parser-0.3.5

Found in: ua-parser-0.3.5/py/ua_parser/user_agent_parser.py

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>>> s3transfer-0.3.0

>>> python-glanceclient-2.13.0

>>> dockerpty-0.4.1

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>>> pyvcloud-21.0.1

pyvCloud

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>>> bcrypt-3.1.3

>>> python-novaclient-11.0.1

>>> python-keystoneclient-3.17.0

Found in: python-keystoneclient-3.17.0/keystoneclient/v2_0/ec2.py

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>>> monotonic-1.6

Found in: monotonic-1.6/README.md

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>>> podman-3.1.2.4

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>>> oslo.i18n-5.1.0

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>>> jsonpath-ng-1.5.3

>>> pynacl-1.5.0

>>> rfc3986-2.0.0

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>>> httpcore-4.4.5

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>>> hppc-0.7.1

>>> httpcore-nio-4.4.5

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>>> coverage-6.3.2

Found in: coverage-6.3.2/NOTICE.txt

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>>> debtcollector-2.5.0

Found in: debtcollector-2.5.0/debtcollector/moves.py

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>>> pykerberos-1.2.4

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>>> msgpack-1.0.4

>>> github.com/moby/spdystream-v0.2.0

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>>> [gopkg.in/yaml.v2-v2.4.0](https://github.com/gopkg.in/yaml.v2-v2.4.0)

>>> github.com/modern-go/reflect2-v1.0.2

>>> github.com/google/gofuzz-v1.2.0

>>> autopage-0.5.1

Found in: site-packages/autopage-0.5.1.dist-info/METADATA

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>>> oslo.context-5.0.0

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>>> github.com/grpc-ecosystem/go-grpc-prometheus-v1.2.0

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>>> google.golang.org/appengine-v1.6.7

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>>> github.com/prometheus/procfs-v0.7.3

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>>> github.com/prometheus/client_model-v0.2.0

>>> github.com/opencontainers/selinux-v1.10.1

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>>> github.com/opencontainers/go-digest-v1.0.0

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>>> github.com/intel/goresctrl-v0.2.0

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>>> github.com/gogo/googleapis-v1.4.1

>>> github.com/go-logr/stdr-v1.2.2

Found in: stdr-1.2.2/example/main.go

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>>> gopkg.in/square/go-jose.v2-v2.5.1

Found in: go-jose-2.5.1/jwk-keygen/main.go

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>>> github.com/containerd/go-cni-v1.1.6

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>>> github.com/containerd/aufs-v1.0.0

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>>> github.com/containernetworking/cni-v1.1.1
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>>> github.com/docker/go-metrics-v0.0.1
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>>> github.com/dimchansky/utfbom-v1.1.1
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>>> github.com/containers/ocicrypt-v1.1.3
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>>> github.com/prometheus/client_golang-v1.11.1

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Support for streaming Protocol Buffer messages for the Go language
(golang).

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>>> google.golang.org/grpc-v1.48.0

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>>> go.uber.org/multierr-v1.8.0
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>>> github.com/prometheus/common-v0.30.0
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>>> github.com/shibumi/go-pathspec-v1.3.0
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>>> github.com/prometheus/client_model-v0.3.0

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>>> github.com/matttproud/golang_protobuf_extensions-v1.0.4

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>>> k8s.io/apimachinery-v0.22.5

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>>> k8s.io/api-v0.22.5

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>>> k8s.io/client-go-v0.22.5

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>>> github.com/coreos/go-systemd/v22-v22.3.2

>>> github.com/docker/go-events-v0.0.0-20190806004212-e31b211e4f1c

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github.com/docker/go-events@v0.0.0-20190806004212-e31b211e4f1c/LICENSE

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>>> github.com/gogo/googleapis-v1.3.2

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>>> github.com/golang/groupcache-v0.0.0-20210331224755-41bb18bfe9da

Found in: groupcache-master/groupcachepb/groupcache.proto

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>>> github.com/google/shlex-v0.0.0-20191202100458-e7afc7fbc510

Found in: shlex-master/shlex.go

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>>> github.com/moby/locker-v1.0.1

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>>> github.com/moby/sys/mountinfo-v0.5.0

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>>> github.com/moby/sys/signal-v0.6.0

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>>> github.com/modern-go/concurrent-v0.0.0-20180306012644-bacd9c7ef1dd

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>>> github.com/opencontainers/runtime-spec-v1.0.3-0.20210326190908-1c3f411f0417

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>>> github.com/opencontainers/selinux-v1.10.0

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>>> github.com/stefanberger/go-pkcs11uri-v0.0.0-20201008174630-78d3cae3a980

Found in:

github.com/stefanberger/go-pkcs11uri@v0.0.0-20201008174630-78d3cae3a980/Makefile

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>>> github.com/vishvananda/netlink-v1.1.1-0.20210330154013-f5de75959ad5

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>>> github.com/vishvananda/netns-v0.0.0-20191106174202-0a2b9b5464df
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>>> github.com/vishvananda/netns-v0.0.0-20210104183010-2eb08e3e575f
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>>> go.opentelemetry.io/otel/exporters/otlp/internal/retry-v1.3.0
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>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc-v1.3.0
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>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracehttp-v1.3.0
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>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace-v1.3.0
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>>> go.opentelemetry.io/proto/otlp-v0.11.0

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>>> google.golang.org/genproto-v0.0.0-20200224152610-e50cd9704f63

>>> k8s.io/apiserver-v0.22.5

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>>> k8s.io/component-base-v0.22.5

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>>> k8s.io/utils-v0.0.0-20210930125809-cb0fa318a74b

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>>> sigs.k8s.io/structured-merge-diff/v4-v4.1.2

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>>> k8s.io/cri-api-v0.25.0

Found in: cri-api-0.25.0/pkg/apis/runtime/v1alpha2/constants.go

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>>> google.golang.org/genproto-v0.0.0-20210602131652-f16073e35f0c


```
>>> oslo.utils-6.1.0
```

```
>>> packaging-23.0
```

```
Found in: packaging-23.0/src/packaging/__init__.py
```

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>>> pbr-5.11.1
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>>> importlib-metadata-6.0.0
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>>> importlib-resources-5.10.2
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>>> cloud.google.com/go/compute/metadata-v0.2.3
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>>> github.com/coreos/go-systemd/v22-v22.5.0

Found in: go-systemd-22.5.0/activation/files_unix.go

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>>> github.com/prometheus/procfs-v0.9.0

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>>> go.etcd.io/etcd/client/pkg/v3-v3.5.6

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>>> github.com/aws/smithy-go-v1.13.5

>>> github.com/googleapis/enterprise-certificate-proxy-v0.2.3

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>>> github.com/prometheus/common-v0.42.0

Found in: common-0.42.0/sigv4/sigv4_config.go

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>>> cliff-4.1.0

>>> cloud-init-23.1.1

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>>> openstacksdk-1.0.0

>>> osc-lib-2.6.2

>>> oslo.config-9.1.0

>>> pyinstaller-hooks-contrib-2023.2

Found in:
pyinstaller-hooks-contrib-2023.2/src/_pyinstaller_hooks_contrib/hooks/stdhooks/hook-spacy.py

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>>> k8s.io/klog/v2-v2.90.1

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>>> github.com/containerd/stargz-snapshotter/estargz-v0.14.3

>>> github.com/go-logr/logr-v1.2.4

Found in: logr-1.2.4/testr/testr.go

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>>> cloud.google.com/go/logging-v1.7.0

Found in:

google-cloud-go-69705144832c715cf23832602ad9338b911dff9a/accesscontextmanager/apiv1/access_context_manager_client.go

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>>> github.com/google/s2a-go-v0.1.4

>>> go.opentelemetry.io/proto/otlp-v1.0.0

Found in: opentelemetry-proto-go-1.0.0/otlp/metrics/v1/metrics.pb.go

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>>> github.com/containerd/typeurl/v2-v2.1.1

>>> github.com/containerd/go-cni-v1.1.9

>>> github.com/containernetworking/cni-v1.1.2

Found in:

github.com/containernetworking/cni@v1.1.2/pkg/invoke/fakes/raw_exec.go

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>>> go.etcd.io/etcd/pkg/v3-v3.5.6

Found in: etcd-3.5.6/server/etcdserver/api/v3alarm/alarms.go

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>>> google.golang.org/grpc-v1.58.3

>>> aggs-matrix-stats-5.6.8

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>>> elasticsearch-5.6.8

>>> groovy-2.4.6-indy

Found in: org/codehaus/groovy/runtime/typehandling/BigIntegerMath.html

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>>> jackson-dataformat-cbor-2.8.6

>>> jackson-dataformat-smile-2.8.6

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>>> jna-4.4.0-1

>>> joda-time-2.9.5

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>>> lucene-queries-6.6.1

>>> lucene-queryparser-6.6.1

>>> lucene-sandbox-6.6.1

>>> lucene-spatial-extras-6.6.1

>>> lucene-spatial3d-6.6.1

>>> lucene-spatial-6.6.1

>>> lucene-suggest-6.6.1

>>> netty-buffer-4.1.13.Final

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>>> securesm-1.2

>>> snakeyaml-1.15

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>>> transport-netty3-5.6.8

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>>> requests-2.22.0

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>>> google.golang.org/grpc-v1.59.0

>>> go.opentelemetry.io/contrib/instrumentation/net/http/otelhttp-v0.45.0

>>> go.opentelemetry.io/otel-v1.21.0

>>> go.opentelemetry.io/otel/sdk-v1.21.0

>>> go.opentelemetry.io/otel/trace-v1.21.0

>>> github.com/go-logr/logr-v1.3.0

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>>>

go.opentelemetry.io/contrib/instrumentation/google.golang.org/grpc/otelgrpc-v0.46.0

```
>>> pbr-6.0.0
```

```
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add_function_parentheses = True
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```
>>> requests-2.31.0
```

```
(c)
```

```
return c
```

```
def iterkeys(self):
```

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>>> github.com/containerd/cgroups/v3-v3.0.3

>>> github.com/containerd/containerd-v1.6.28

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```
// Create a ConstMetric with the Desc. Since we don
// variable labels there are, try for as long as it needs.
for err := errors.New("dummy"); err != nil; lvs = append(lvs, magicString)
{
    m, err = prometheus.NewConstMetric(desc, prometheus.UntypedValue,
0, lvs...)
}
```

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>>> github.com/containerd/log-v0.1.0

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>>> github.com/containerd/nri-v0.1.1

>>> github.com/containerd/nydus-snapshotter-v0.8.2

>>> github.com/distribution/reference-v0.5.0

>>> github.com/docker/cli/cmd/docker-v25.0.3

>>> github.com/docker/distribution-v2.8.3+incompatible

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```
// Create a ConstMetric with the Desc. Since we don
// variable labels there are, try for as long as it needs.
for err := errors.New("dummy"); err != nil; lvs = append(lvs, magicString)
{
    m, err = prometheus.NewConstMetric(desc, prometheus.UntypedValue,
0, lvs...)
}
```

>>> github.com/docker/go-connections-v0.5.0

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>>> github.com/moby/buildkit-v0.12.5

>>> github.com/moby/swarmkit/v2-v2.0.0-20240125134710-dcda100a8261

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>>> github.com/moby/sys/user-v0.1.0

>>> github.com/mrunalp/fileutils-v0.5.1

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>>> github.com/opencontainers/runc-v0.0.0-20240123131248-51d5e94601ce

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os.Exit(exitCode)

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>>> github.com/opencontainers/runc-v1.1.12

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```
>>> github.com/rootless-containers/rootlesskit/v2-v2.0.0
```

```
written by realProxy)
```

```
written by either rootlesskit-docker-proxy or realProxy)
    fmt.Fprintf(f, "1\n%s", err)
    log.Fatal(err)
}
```

```
>>> github.com/spdx/tools-golang-v0.5.1
```

```
>>> github.com/spf13/cobra-v1.8.0
```

```
copyright attribution (default "YOUR NAME")
```

```
copyright-format/1.0/
Source: https://github.com/spf13/cobra
Upstream-Name: Cobra
```

```
Files: *
```

```
Copyright 2013-2023 The Cobra Authors
```

```
Copyright: 2013
```

```
copyright attribution")
    viper.BindPFlag("author", rootCmd.PersistentFlags().Lookup("author"))
}
```

copyright attribution")

Copyright: 2015

>>> github.com/vishvananda/netns-v0.0.4

Copyright 2014 Vishvananda Ishaya.

Copyright 2014 Docker, Inc.

>>> github.com/zmap/zlint/v3-v3.1.0

>>>

go.opentelemetry.io/contrib/instrumentation/google.golang.org/grpc/otelgrpc-v0.45.0

>>>

go.opentelemetry.io/contrib/instrumentation/net/http/httptrace/otelhttptrace-v0.45.0

>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc-v1.19.0

>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracehttp-v1.19.0

>>> go.opentelemetry.io/otel/exporters/otlp/otlptrace-v1.19.0

>>> go.opentelemetry.io/otel/metric-v1.19.0

>>> go.opentelemetry.io/otel/metric-v1.21.0

>>> go.opentelemetry.io/otel/sdk-v1.19.0

>>> go.opentelemetry.io/otel/trace-v1.19.0

>>> go.opentelemetry.io/otel-v1.19.0

Copyright The OpenTelemetry Authors

>>>

google.golang.org/genproto/googleapis/api-v0.0.0-20230711160842-782d3b101e98

>>>

google.golang.org/genproto/googleapis/rpc-v0.0.0-20230711160842-782d3b101e98

>>> google.golang.org/genproto-v0.0.0-20230711160842-782d3b101e98

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```
>>> tags.cncf.io/container-device-interface/specs-go-v0.6.0
```

```
>>> tags.cncf.io/container-device-interface-v0.6.2
```

```
copyright-format/1.0/
```

```
Source:
```

```
https://github.com/container-orchestrated-devices/container-device-interface
```

```
Upstream-Name: container-device-interface
```

```
Files: *
```

```
Copyright: 2022 Shengjing Zhu <zhsj@debian.org>
```

```
Copyright: 2021-2022 The CDI Authors
```

```
Copyright © 2021 The CDI Authors
```

```
(c)
```

```
c.Lock()
```

```
defer c.Unlock()
```

```
return c, c.configure(options...)
```

```
>>> autopage-0.5.2
```

```
>>> packaging-24.0
```

```
>>> awscli-1.27.95
```

```
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>>> boto3-1.26.95

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>>> botocore-1.29.95

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>>> cliff-4.6.0

Copyright: (c) 2012,2014, Jan Dittberner <jandd@debian.org>

copyright = True

will
the
If true, an OpenSearch description file will be output, and all pages
contain a <link> tag referring to it. The value of this option must be

base URL from which the finished HTML is served.

html_use_opensearch = ''

copyright = '2012-

The language for content autogenerated by Sphinx. Refer to documentation
for a list of supported languages.

language = None

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(c) 2013-2015, Thomas Goirand <zigo@debian.org>

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```
(c) for c in parsed_args.sort_columns
      if c in column_names
```



```
]
reverse = parsed_args.sort_direction == 'desc'
for index in indexes[::-1]:
```

```
>>> cloud-init-23.1.2
```

```
>>> debtcollector-3.0.0
```

```
>>> distlib-0.3.8
```

Copyright (C) 2012-2013 The Python Software Foundation.

(c)

```
props = config.pop(
# Check for valid identifiers
args = config.pop('[ ]', ())
if args:
```

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Copyright (C) 2012-2023 The Python Software Foundation.

Copyright (C) 2013-2017 Vinay Sajip.

(c)

```
valid_ident(k)])
props = config.pop(
# Check for valid identifiers
kwargs = dict([(k, config[k]) for k in config if
result = c(**kwargs)
if props:
```

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```
>>> importlib_metadata-7.0.2
```

```
written by pip, and is a strictly more
# accurate source than SOURCES.txt as to the installed contents
of
# the package.
"installed-files.txt": """
    PKG-INFO
    SOURCES.txt
    top_level.txt
    """,
# top_level.txt correctly reflects that no modules are
installed
"top_level.txt": b"\n",
```

Author: Eric Haffa-Vee

Author: Steven Ma

```
written by pip, and is a strictly more
# accurate source than SOURCES.txt as to the installed contents
of
# the package.
"installed-files.txt": """
    ../egg_with_module.py
    PKG-INFO
    SOURCES.txt
    top_level.txt
    """,
# missing top_level.txt (to trigger fallback to
installed-files.txt)
```

Author: Steven Ma

```
Version: 1.0.0
Requires-Dist: wheel >= 1.0
Requires-Dist: pytest; extra == 'test'
Keywords: sample package
```

```
Once upon a time
There was a distinfo pkg
```

```
>>> importlib_resources-6.3.2
```

```
>>> keystoneauth1-5.6.0
```

```
Copyright 2013 OpenStack Foundation
```

```
Copyright (c) 2011 Nebula, Inc - Keystone refactor (>= v2.7)  
All rights reserved.
```

```
Copyright (c) 2011 Rackspace - OpenStack extensions (>= v2.1)
```

```
copyright = '2015, Keystone Developers
```

```
# Release notes are version independent.
```

```
copyright = 'OpenStack Contributors
```

```
# The language for content autogenerated by Sphinx. Refer to documentation  
# for a list of supported languages.  
#language = None
```

```
Copyright (c) 2009 Jacob Kaplan-Moss - initial codebase (< v2.1)
```

```
Copyright 2022 OpenStack Foundation
```

```
copyright = True
```

```
will  
the  
# If true, an OpenSearch description file will be output, and all pages  
# contain a <link> tag referring to it. The value of this option must be  
# base URL from which the finished HTML is served.  
# html_use_opensearch = ''
```

```
(C) Copyright ..." is shown in the HTML footer. Default is True.
```

>>> msgpack-1.0.8

Copyright (C) 2008-2010 FURUHASHI Sadayuki

Copyright (C) 2009 Naoki INADA

```
(c) ((unsigned char)c)
#define __Pyx_long_cast(x) ((long)x)
#define __Pyx_fits_Py_ssize_t(v, type, is_signed) (\
    (sizeof(type) < sizeof(Py_ssize_t)) ||\
    (sizeof(type) > sizeof(Py_ssize_t) &&\
    likely(v < (type)PY_SSIZE_T_MAX ||\
    v == (type)PY_SSIZE_T_MAX) &&\
    (!is_signed || likely(v > (type)PY_SSIZE_T_MIN ||\
    v == (type)PY_SSIZE_T_MIN))) ||\
    (sizeof(type) == sizeof(Py_ssize_t) &&\
    (is_signed || likely(v < (type)PY_SSIZE_T_MAX ||\
    v == (type)PY_SSIZE_T_MAX))) )
static CYTHON_INLINE int __Pyx_is_valid_index(Py_ssize_t i, Py_ssize_t
limit) {
    return (size_t) i < (size_t) limit;
}
#if defined (__cplusplus) && __cplusplus >= 201103L
    #include <cstdlib>
    #define __Pyx_sst_abs(value) std::abs(value)
#elif SIZEOF_INT >= SIZEOF_SIZE_T
    #define __Pyx_sst_abs(value) abs(value)
#elif SIZEOF_LONG >= SIZEOF_SIZE_T
    #define __Pyx_sst_abs(value) labs(value)
#elif defined (_MSC_VER)
    #define __Pyx_sst_abs(value) ((Py_ssize_t)_abs64(value))
#elif defined (__STDC_VERSION__) && __STDC_VERSION__ >= 199901L
    #define __Pyx_sst_abs(value) llabs(value)
#elif defined (__GNUC__)
    #define __Pyx_sst_abs(value) __builtin_llabs(value)
#else
    #define __Pyx_sst_abs(value) ((value<0) ? -value : value)
#endif
static CYTHON_INLINE const char* __Pyx_PyObject_AsString(PyObject*);
static CYTHON_INLINE const char* __Pyx_PyObject_AsStringAndSize(PyObject*,
Py_ssize_t* length);
#define __Pyx_PyByteArray_FromString(s)
PyByteArray_FromStringAndSize((const char*)s, strlen((const char*)s))
#define __Pyx_PyByteArray_FromStringAndSize(s, l)
```

```

PyByteArray_FromStringAndSize((const char*)s, l)
#define __Pyx_PyBytes_FromString      PyBytes_FromString
#define __Pyx_PyBytes_FromStringAndSize PyBytes_FromStringAndSize
static CYTHON_INLINE PyObject* __Pyx_PyUnicode_FromString(const char*);
#if PY_MAJOR_VERSION < 3
    #define __Pyx_PyStr_FromString      __Pyx_PyBytes_FromString
    #define __Pyx_PyStr_FromStringAndSize __Pyx_PyBytes_FromStringAndSize
#else
    #define __Pyx_PyStr_FromString      __Pyx_PyUnicode_FromString
    #define __Pyx_PyStr_FromStringAndSize __Pyx_PyUnicode_FromStringAndSize
#endif
#define __Pyx_PyBytes_AsWritableString(s)      ((char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsWritableSString(s)      ((signed char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsWritableUString(s)      ((unsigned char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsString(s)      ((const char*) PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsSString(s)      ((const signed char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsUString(s)      ((const unsigned char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyObject_AsWritableString(s)      ((char*)(__pyx_uintptr_t)
__Pyx_PyObject_AsString(s))
#define __Pyx_PyObject_AsWritableSString(s)      ((signed
char*)(__pyx_uintptr_t) __Pyx_PyObject_AsString(s))
#define __Pyx_PyObject_AsWritableUString(s)      ((unsigned
char*)(__pyx_uintptr_t) __Pyx_PyObject_AsString(s))
#define __Pyx_PyObject_AsSString(s)      ((const signed char*)
__Pyx_PyObject_AsString(s))
#define __Pyx_PyObject_AsUString(s)      ((const unsigned char*)
__Pyx_PyObject_AsString(s))
#define __Pyx_PyObject_FromCString(s)      __Pyx_PyObject_FromString((const
char*)s)
#define __Pyx_PyBytes_FromCString(s)      __Pyx_PyBytes_FromString((const
char*)s)
#define __Pyx_PyByteArray_FromCString(s)
__Pyx_PyByteArray_FromString((const char*)s)
#define __Pyx_PyStr_FromCString(s)      __Pyx_PyStr_FromString((const
char*)s)
#define __Pyx_PyUnicode_FromCString(s) __Pyx_PyUnicode_FromString((const
char*)s)
#if CYTHON_COMPILING_IN_LIMITED_API
static CYTHON_INLINE size_t __Pyx_Py_UNICODE_strlen(const wchar_t *u)

```

Copyright (C) 2008-2011 INADA Naoki <songofacandy@gmail.com>

(c) for c in arr)

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Copyright 2010 Jacob Kaplan-Moss

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>>> osc-lib-3.0.1

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>>> oslo.config-9.4.0

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Copyright 2014 Cisco Systems, Inc.
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Copyright 2012 OpenStack Foundation

Copyright 2012 Red Hat, Inc.

Copyright 2016 OpenStack Foundation

copyright = '2013, OpenStack Foundation

If true, '()' will be appended to :func: etc. cross-reference text.
add_function_parentheses = True

Copyright 2012 SINA Corporation

>>> oslo.context-5.5.0

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copyright = '2016, OpenStack Foundation

If true, '()' will be appended to :func: etc. cross-reference text.

```
add_function_parentheses = True
```

```
Copyright 2011 OpenStack Foundation.
```

```
copyright = '2016, oslo.context Developers
```

```
# Release notes do not need a version in the title, they span  
# multiple versions.
```

```
# The full version, including alpha/beta/rc tags.
```

```
release = ''
```

```
# The short X.Y version.
```

```
version = ''
```

```
copyright = True
```

```
will  
the  
# If true, an OpenSearch description file will be output, and all pages  
# contain a <link> tag referring to it. The value of this option must be  
# base URL from which the finished HTML is served.  
# html_use_opensearch = ''
```

```
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```

```
Copyright (c) 2015 OpenStack Foundation
```

```
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```

```
>>> oslo.i18n-6.3.0
```

```
Copyright 2013 IBM Corp.
```

```
Copyright 2012 Red Hat, Inc.
```

```
>>> oslo.serialization-5.4.0
```



```
(c)
        cloned_handlers.append(h)
        c._handlers[ident] = cloned_handlers
        c._num_handlers += len(cloned_handlers)
    if not unfreeze and self.frozen:
```

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Copyright: (c) 2014-2016, Thomas Goirand <zigo@debian.org>

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Copyright: (c) 2013,

Copyright 2011 OpenStack Foundation.

Copyright (C) 2015 Yahoo

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```
# If true, '()' will be appended to :func: etc. cross-reference text.
add_function_parentheses = True
```

```
copyright-format/1.0/
Upstream-Name: oslo.serialization
Source: https://opendev.org/openstack/oslo.serialization
```

Files: *

>>> oslo.utils-7.1.0

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copyright = '2014, OpenStack Foundation

If true, '()' will be appended to :func: etc. cross-reference text.
add_function_parentheses = True

>>> python-cinderclient-9.5.0

>>> python-swiftclient-4.5.0

(c) 2015-2018, Ond

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Copyright: (c) 2010-2017, Thomas Goirand <zigo@debian.org>

(c) 2014, Thomas Bechtold <toabctl@debian.org>

(c) 2015, Corey Bryant <corey.bryant@canonical.com>

copyright-format/1.0/
Upstream-Name: python-swiftclient

Source: <https://github.com/openstack/python-swiftclient.git>

Files: *

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(c) 2015, Ivan Udovichenko <iudovichenko@mirantis.com>

(c) 2012, Roland Mas <lolando@debian.org>

(c) 2012, Mehdi Abaakouk <sileht@sileht.net>

>>> stevedore-5.2.0

>>> tbb-2021.11.0

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DEFPUSHBUTTON "OK", IDOK, 195, 6, 30, 11, WS_GROUP
END

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>>> netaddr-0.7.18

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netaddr

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>>> prettytable-0.7.2

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With contributions from:

- * Chris Clark
- * Christoph Robbert
- * Klein Stephane
- * "maartendb"

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>>> pyyaml-3.11

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azure-mgmt-dns-2.1.0/azure/mgmt/dns/v2018_05_01/models/sub_resource.py

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pycparser -- A C parser in Python

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>>> github.com/spf13/pflag-v1.0.5

>>> github.com/davecgh/go-spew-v1.1.1

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>>> [github.com/fsnotify/fsnotify-v1.4.9](https://github.com/fsnotify/fsnotify-v1.4.9)

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>>> msrest-0.7.1

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msrest-0.7.1/tests/storage\_models/storage\_account\_update\_parameters.py

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>>> distlib-0.3.6

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 the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| 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 |
| 2.6.4 | 2.6.3 | 2009      | PSF | yes |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
| 3.1.2 | 3.1   | 2010      | PSF | yes |
| 3.2   | 3.1   | 2010      | PSF | yes |

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>>> [github.com/golang-jwt/jwt/v4-v4.4.2](https://github.com/golang-jwt/jwt/v4-v4.4.2)

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>>> github.com/jinzhu/inflection-v1.0.0
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>>> [configparser-5.3.0](https://github.com/figparser-5.3.0)

>>> [github.com/jackc/pgio-v1.0.0](https://github.com/jackc/pgio-v1.0.0)

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>>> [github.com/jackc/pgpassfile-v1.0.0](https://github.com/jackc/pgpassfile-v1.0.0)

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>>> github.com/cilium/ebpf-v0.11.0

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>>> texttable-1.6.2

Found in: texttable-1.6.2/LICENSE

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>>> urllib3-1.25.8

>>> virtualenv-20.0.17

Found in: virtualenv-20.0.17/LICENSE

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>>> zope.interface-4.7.1

```
>>> golang.org/x/text-v0.14.0
```

```
>>> github.com/felixge/httpsnoop-v1.0.4
```

```
 written by the Write or
 // ReadFrom function of the ResponseWriter. ResponseWriters may also write
 // data to their underlying connection directly (e.g. headers), but those
 // are not tracked. Therefore the number of Written bytes will usually
match // the size of the response body.
 Written int64
}
```

```
>>> joblib-1.3.2
```

```
Copyright: 2017, Thomas Moreau
```

```
(c)
 assert has_shareable_memory(c_reconstructed)
 assert_array_equal(c_reconstructed, c)

 d_reconstructed = reconstruct_array_or_memmap(d)
 assert has_shareable_memory(d_reconstructed)
 assert_array_equal(d_reconstructed, d)
```

```
Copyright (c) 2010-2011 Gael Varoquaux
```

```
Copyright (c) 2009 Gael Varoquaux
```

```
Copyright: 2010, Gael Varoquaux
```

```
copyright: Copyright 2007-2023 by the Sphinx team, see AUTHORS.
```

```
(c)
```

```
@with_numpy
@parametrize('coerce_mmap', [True, False])
def test_hash_memmap(tmpdir, coerce_mmap):
```

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```
(c)
 assert not isinstance(c_reconstructed, np.memmap)
 assert has_shareable_memory(c_reconstructed)
 assert_array_equal(c_reconstructed, c)

 d_reconstructed = reconstruct_array_or_memmap(d)
 assert not isinstance(d_reconstructed, np.memmap)
 assert has_shareable_memory(d_reconstructed)
 assert_array_equal(d_reconstructed, d)
```

>>> PyYAML-6.0.1

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Copyright (c) 2006-2016 Kirill Simonov

>>> github.com/Microsoft/hcsshim-v0.11.4

>>> github.com/cloudflare/cfssl-v1.6.4

```
(c)
 if err
 log.Critical("Unable to create OCSP signer: ", err)
 return
 }
```

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>>> [github.com/google/uuid-v1.5.0](https://github.com/google/uuid-v1.5.0)

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>>> github.com/gorilla/mux-v1.8.1

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copyright-format/1.0/  
Source: <https://github.com/gorilla/mux>  
Upstream-Name: mux

Files: \*

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>>> github.com/klauspost/compress-v1.17.4

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package fse

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>>> github.com/vbatts/tar-split-v0.11.5

>>> github.com/weppos/publicsuffix-go-v0.15.1-0.20210511084619-b1f36a2d6c0b

>>> github.com/zmap/zcrypto-v0.0.0-20210511125630-18f1e0152cfc

>>> golang.org/x/crypto-v0.17.0

>>> golang.org/x/crypto-v0.18.0

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(C) Chinese (traditional).

```
"\u4ED6\u5011\u7232\u4EC0\u9EBD\u4E0D\u8AAA\u4E2D\u6587",
"ihqwctvzc91f659drss3x8bo0yb",
```

},

(c)\x03(d)\x03(e)\x03(f)\x03(g)\x03(h)\x03(i)\x03(j)\x03(k)"

```
"\x03(l)\x03(m)\x03(n)\x03(o)\x03(p)\x03(q)\x03(r)\x03(s)\x03(t)\x03(u)" +
"\x03(v)\x03(w)\x03(x)\x03(y)\x03(z)\x07[s]\x02wz\x02hv\x02sd\x03ppv\x02w"
```

+

```
"c\x02mc\x02md\x02dj\x06ほか\x06コ\x03サ\x03手\x03字\x03双\x03テ\x03二\x03多
\x03解" +
```

```
"\x03天\x03交\x03映\x03無\x03料\x03前\x03後\x03再\x03新\x03初\x03終\x03生
\x03販\x03声" +
```

```
"\x03吹\x03演\x03投\x03捕\x03一\x03三\x03遊\x03左\x03中\x03右\x03指\x03走
\x03打\x03禁" +
```

```
"\x03空\x03合\x03滿\x03有\x03月\x03申\x03割\x03營\x03配\x09[本]\x09[三]\x09[
二]\x09[安" +
```

```
"]\x09[点]\x09[打]\x09[盜]\x09[勝]\x09[敗]\x03得\x03可\x03麗\x03丸\x03フ\x03
你\x03" +
```

```
"侮\x03倪\x03併\x03僭\x03備\x03僧\x03像\x03僞\x03免\x03免\x03彙\x03具
\x03顛\x03內\x03" +
```

```
"冗\x03冤\x03欠\x03冬\x03况\x03冂\x03刃\x03剌\x03刻\x03剗\x03劓\x03劓\x03勇
\x03勉\x03" +
```

```
"勤\x03勺\x03包\x03匆\x03北\x03弁\x03卑\x03博\x03即\x03即\x03卿\x03灰\x03及
```

\x03雙\x03" +  
"叫\x03叱\x03咄\x03咄\x03吸\x03呈\x03周\x03号\x03咩\x03唐\x03啓\x03啣\x03善  
\x03喙\x03" +  
"喫\x03嗑\x03啞\x03圖\x03嘆\x03圖\x03嗶\x03噴\x03切\x03壯\x03城\x03埴\x03塊  
\x03型\x03" +  
"聖\x03報\x03墜\x03壳\x03壺\x03峯\x03夢\x03奢\x03姬\x03娛\x03媠\x03姘\x03婦  
\x03媵\x03" +  
"媯\x03嬾\x03寃\x03寘\x03寧\x03寶\x03壽\x03將\x03尢\x03旭\x03屠\x03屮\x03岬  
\x03岍\x03" +  
"嶠\x03嶼\x03嶷\x03嶸\x03巡\x03巢\x03呂\x03巽\x03悅\x03帽\x03幘  
\x03幙\x03度\x03屏\x03" +  
"庫\x03庶\x03廊\x03升\x03昇\x03弢\x03帚\x03彤\x03彫\x03俠\x03襍\x03忍\x03志  
\x03任\x03" +  
"悃\x03慌\x03悵\x03悵\x03悔\x03悖\x03慈\x03慌\x03慎\x03悽\x03憎\x03憲\x03憤\x03懣  
\x03懣\x03" +  
"懲\x03懶\x03成\x03戛\x03拐\x03抱\x03拔\x03捐\x03挽\x03拚\x03捨\x03掃\x03擲  
\x03搯\x03" +  
"擘\x03掩\x03挽\x03摩\x03搯\x03搗\x03攪\x03攪\x03敏\x03敬\x03既\x03書\x03晉  
\x03嗎\x03" +  
"暑\x03暄\x03晷\x03冒\x03冕\x03最\x03普\x03肱\x03肱\x03朗\x03望\x03臃\x03杞  
\x03杓\x03" +  
"茱\x03楞\x03枅\x03棗\x03梅\x03槐\x03楸\x03楸\x03楸\x03楸\x03楸\x03楸\x03楸\x03楸\x03楸  
\x03櫛\x03" +  
"櫛\x03次\x03獻\x03歎\x03歲\x03殭\x03殺\x03殼\x03汎\x03沿\x03沐\x03汧\x03汨  
\x03派\x03" +  
"海\x03流\x03浩\x03浸\x03涅\x03泝\x03港\x03湮\x03澗\x03滋\x03滇\x03淹\x03潮  
\x03澗\x03" +  
"滄\x03滯\x03瀛\x03瀛\x03瀛\x03瀛\x03災\x03弁\x03炭\x03煨\x03熄\x03爨\x03爵\x03插  
\x03犀\x03" +  
"備\x03懶\x03王\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃\x03玃  
\x03玃\x03" +  
"異\x03瘕\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃\x03盃  
\x03盃\x03" +  
"磧\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪  
\x03礪\x03" +  
"礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪  
\x03礪\x03" +  
"礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪\x03礪  
\x03礪\x03" +  
"者\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃\x03聃  
\x03聃\x03" +  
"芝\x03芳\x03花\x03芳\x03芽\x03苦\x03若\x03萑\x03榮\x03節\x03莫\x03莽\x03蔗  
\x03著\x03" +  
"莽\x03菊\x03茵\x03菜\x03蔬\x03萍\x03董\x03蘆\x03蕪\x03藟\x03藟\x03藟\x03藟  
\x03藟\x03" +  
"虧\x03號\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩\x03蚩  
\x03蚩\x03" +  
"衣\x03梳\x03祝\x03祿\x03掩\x03覓\x03訖\x03詒\x03詒\x03誠\x03諭\x03變\x03豕\x03貫  
\x03賁\x03" +  
"贛\x03起\x03跋\x03跂\x03跂\x03跂\x03軻\x03輸\x03邛\x03邛\x03邛\x03邛\x03邛\x03邛  
\x03邛\x03" +  
"鉗\x03鎚\x03鎚\x03開\x03開\x03開\x03開\x03開\x03開\x03開\x03開\x03開\x03開\x03開  
\x03開\x03" +





+  
"\x116\x03\x07\x12'\x03\x07\x13\x10\x03\x07\x0c&\x03\x07\x0c\x08\x03\x07"  
+  
"\x0c\x13\x03\x07\x0d\x02\x03\x07\x0d\x1c\x03\x07\x0b5\x03\x07\x0b\x0a" +  
"\x03\x07\x0b\x01\x03\x07\x0b\x0f\x03\x07\x05\x00\x03\x07\x05\x09\x03\x07"  
+  
"\x05\x0b\x03\x07\x07\x01\x03\x07\x07\x08\x03\x07\x00<\x03\x07\x00+\x03" +  
"\x07\x01)\x03\x07\x01\x1b\x03\x07\x01\x08\x03\x07\x03?\x03\x0445\x03\x04"  
+  
"4\x08\x03\x0454\x03\x04)/\x03\x04)5\x03\x04+\x05\x03\x04+\x14\x03\x04+ "  
+  
"\x03\x04+<\x03\x04\*&\x03\x04\*\x22\x03\x04&8\x03\x04!\x01\x03\x04!\x22" +  
"\x03\x04\x11+\x03\x04\x10.\x03\x04\x104\x03\x04\x13=\x03\x04\x12\x04\x03"  
+  
"\x04\x12\x0a\x03\x04\x0d\x1d\x03\x04\x0d\x07\x03\x04\x0d \x03\x05<>\x03"  
+  
"\x055<\x03\x055!\x03\x055#\x03\x055&\x03\x054\x1d\x03\x054\x02\x03\x054"  
+  
"\x07\x03\x0571\x03\x053\x1a\x03\x053\x16\x03\x05.<\x03\x05.\x07\x03\x05)"  
+  
":\x03\x05)<\x03\x05)\x0c\x03\x05)\x15\x03\x05+-\x03\x05+5\x03\x05\$\x1e" +  
"\x03\x05\$\x14\x03\x05'\x04\x03\x05'\x14\x03\x05&\x02\x03\x05\x226\x03" +  
"\x05\x22\x0c\x03\x05\x22\x1c\x03\x05\x19\x0a\x03\x05\x1b\x09\x03\x05\x1b"  
+  
"\x0c\x03\x05\x14\x07\x03\x05\x16?\x03\x05\x16\x0c\x03\x05\x0c\x05\x03" +  
"\x05\x0e\x0f\x03\x05\x01\x0e\x03\x05\x00(\x03\x05\x030\x03\x05\x03\x06" +  
"\x03\x0a==\x03\x0a=1\x03\x0a=,\x03\x0a=\x0c\x03\x0a?'\x03\x0a<\x08\x03" +  
"\x0a9!\x03\x0a9)\x03\x0a97\x03\x0a99\x03\x0a6\x0a\x03\x0a6\x1c\x03\x0a6"  
+  
"\x17\x03\x0a7'\x03\x0a78\x03\x0a73\x03\x0a'\x01\x03\x0a'&\x03\x0a\x1f" +  
"\x0e\x03\x0a\x1f\x03\x03\x0a\x1f3\x03\x0a\x1b/\x03\x0a\x18\x19\x03\x0a" +  
"\x19\x01\x03\x0a\x16\x14\x03\x0a\x0e\x22\x03\x0a\x0f\x10\x03\x0a\x0f\x02"  
+  
"\x03\x0a\x0f \x03\x0a\x0c\x04\x03\x0a\x0b>\x03\x0a\x0b+\x03\x0a\x08/\x03"  
+  
"\x0a\x046\x03\x0a\x05\x14\x03\x0a\x00\x04\x03\x0a\x00\x10\x03\x0a\x00" +  
"\x14\x03\x0b<3\x03\x0b;\* \x03\x0b9\x22\x03\x0b9)\x03\x0b97\x03\x0b+\x10" +  
"\x03\x0b(\x03\x0b&5\x03\x0b\$\x1c\x03\x0b\$\x12\x03\x0b%\x04\x03\x0b#<" +  
"\x03\x0b#0\x03\x0b#\x0d\x03\x0b#\x19\x03\x0b!:\x03\x0b!\x1f\x03\x0b!\x00"  
+  
"\x03\x0b\x1e5\x03\x0b\x1c\x1d\x03\x0b\x1d-\x03\x0b\x1d(\x03\x0b\x18.\x03"  
+  
"\x0b\x18 \x03\x0b\x18\x16\x03\x0b\x14\x13\x03\x0b\x15\$\x03\x0b\x15\x22" +  
"\x03\x0b\x12\x1b\x03\x0b\x12\x10\x03\x0b\x132\x03\x0b\x13=\x03\x0b\x12" +  
"\x18\x03\x0b\x0c&\x03\x0b\x061\x03\x0b\x06:\x03\x0b\x05#\x03\x0b\x05<" +  
"\x03\x0b\x04\x0b\x03\x0b\x04\x04\x03\x0b\x04\x1b\x03\x0b\x042\x03\x0b" +  
"\x041\x03\x0b\x03\x03\x03\x0b\x03\x1d\x03\x0b\x03/\x03\x0b\x03+\x03\x0b"  
+  
"\x02\x1b\x03\x0b\x02\x00\x03\x0b\x01\x1e\x03\x0b\x01\x08\x03\x0b\x015" +  
"\x03\x06\x0d9\x03\x06\x0d=\x03\x06\x0d?\x03\x02\x001\x03\x02\x003\x03" +  
"\x02\x02\x19\x03\x02\x006\x03\x02\x02\x1b\x03\x02\x004\x03\x02\x00<\x03"

+  
"\x02\x02\x0a\x03\x02\x02\x0e\x03\x02\x01\x1a\x03\x02\x01\x07\x03\x02\x01"  
+  
"\x05\x03\x02\x01\x0b\x03\x02\x01%\x03\x02\x01\x0c\x03\x02\x01\x04\x03" +  
"\x02\x01\x1c\x03\x02\x00.\x03\x02\x002\x03\x02\x00>\x03\x02\x00\x12\x03"  
+  
"\x02\x00\x16\x03\x02\x011\x03\x02\x013\x03\x02\x02 \x03\x02\x02%\x03\x02"  
+  
"\x02\$\x03\x02\x028\x03\x02\x02;\x03\x02\x024\x03\x02\x012\x03\x02\x022" +  
"\x03\x02\x02/\x03\x02\x01,\x03\x02\x01\x13\x03\x02\x01\x16\x03\x02\x01" +  
"\x11\x03\x02\x01\x1e\x03\x02\x01\x15\x03\x02\x01\x17\x03\x02\x01\x0f\x03"  
+  
"\x02\x01\x08\x03\x02\x00?\x03\x02\x03\x07\x03\x02\x03\x0d\x03\x02\x03" +  
"\x13\x03\x02\x03\x1d\x03\x02\x03\x1f\x03\x02\x00\x03\x03\x02\x00\x0d\x03"  
+  
"\x02\x00\x01\x03\x02\x00\x1b\x03\x02\x00\x19\x03\x02\x00\x18\x03\x02\x00"  
+  
"\x13\x03\x02\x00/\x03\x07>\x12\x03\x07<\x1f\x03\x07>\x1d\x03\x06\x1d\x0e"  
+  
"\x03\x07>\x1c\x03\x07>:\x03\x07>\x13\x03\x04\x12+\x03\x07?\x03\x03\x07>"  
+  
"\x02\x03\x06\x224\x03\x06\x1a.\x03\x07<%\x03\x06\x1c\x0b\x03\x0609\x03" +  
"\x05\x1f\x01\x03\x04'\x08\x03\x93\xfd\x05\x03\x02\x0d \x03\x02\x0d#\x03"  
+  
"\x02\x0d!\x03\x02\x0d&\x03\x02\x0d\x22\x03\x02\x0d/\x03\x02\x0d,\x03\x02"  
+  
"\x0d\$\x03\x02\x0d'\x03\x02\x0d%\x03\x02\x0d;\x03\x02\x0d=\x03\x02\x0d?" +  
"\x03\x099.\x03\x08\x0b7\x03\x08\x02\x14\x03\x08\x14\x0d\x03\x08.: \x03" +  
"\x089'\x03\x0f\x0b\x18\x03\x0f\x1c1\x03\x0f\x17&\x03\x0f9\x1f\x03\x0f0" +  
"\x0c\x03\x0e\x0a9\x03\x0e\x056\x03\x0e\x1c#\x03\x0f\x13\x0e\x03\x072\x00"  
+  
"\x03\x070\x0d\x03\x072\x0b\x03\x06\x11\x18\x03\x070\x10\x03\x06\x0f(\x03"  
+  
"\x072\x05\x03\x06\x0f,\x03\x073\x15\x03\x06\x07\x08\x03\x05\x16\x02\x03"  
+  
"\x04\x0b \x03\x05:8\x03\x05\x16%\x03\x0a\x0d\x1f\x03\x06\x16\x10\x03\x05"  
+  
"\x1d5\x03\x05\*;\x03\x05\x16\x1b\x03\x04.-\x03\x06\x1a\x19\x03\x04\x03," +  
"\x03\x0b87\x03\x04/\x0a\x03\x06\x00,\x03\x04-\x01\x03\x04\x1e-\x03\x06/(" +  
"\x03\x0a\x0b5\x03\x06\x0e7\x03\x06\x07.\x03\x0597\x03\x0a\*%\x03\x0760" +  
"\x03\x06\x0c;\x03\x05'\x00\x03\x072.\x03\x072\x08\x03\x06=\x01\x03\x06" +  
"\x05\x1b\x03\x06\x06\x12\x03\x06\$=\x03\x06'\x0d\x03\x04\x11\x0f\x03\x076"  
+  
",\x03\x06\x07;\x03\x06.,\x03\x86\x09\x03\x8f\xff\xeb\x02\x092\x02" +  
"\x095\x02\x094\x02\x09;\x02\x09>\x02\x098\x02\x09\*\x02\x09/\x02\x09,\x02"  
+  
"\x09%\x02\x09&\x02\x09#\x02\x09 \x02\x08!\x02\x08%\x02\x08\$\x02\x08+\x02"  
+  
"\x08.\x02\x08\*\x02\x08&\x02\x088\x02\x08>\x02\x084\x02\x086\x02\x080\x02"

"\x08\x10\x02\x08\x17\x02\x08\x12\x02\x08\x1d\x02\x08\x1f\x02\x08\x13\x02"  
+  
"\x08\x15\x02\x08\x14\x02\x08\x0c\x03\x8b\xfd\xd0\x03\x81\xec\xcc\x03\x87"  
+  
"\xe0\x8a\x03-2\xe3\x03\x80\xef\xe4\x03-2\xea\x03\x88\xe6\xeb\x03\x8e\xe6"  
+  
"\xe8\x03\x84\xe6\xe9\x03\x97\xe6\xee\x03-2\xf9\x03-2\xf6\x03\x8e\xe3\xad"  
+  
"\x03\x80\xe3\x92\x03\x88\xe3\x90\x03\x8e\xe3\x90\x03\x80\xe3\x97\x03\x88"  
+  
"\xe3\x95\x03\x88\xfe\xcb\x03\x8e\xfe\xca\x03\x84\xfe\xcd\x03\x91\xef\xcc"  
+  
"\x03-2\xc1\x03-2\xc0\x03-2xcb\x03\x88@\x09\x03\x8e@\x08\x03\x8f\xe0\xf5"  
+  
"\x03\x8e\xe6\xf9\x03\x8e\xe0\xfa\x03\x93\xff\xf4\x03\x84\xee\xd3\x03\x0b"  
+  
"(\x04\x023 \x021;\x02\x01\*\x03\x0b#\x10\x03\x0b \x03\x0b!\x10\x03\x0b!0"  
+  
"\x03\x07\x15\x08\x03\x09?5\x03\x07\x1f\x08\x03\x07\x17\x0b\x03\x09\x1f" +  
"\x15\x03\x0b\x1c7\x03\x0a+#\x03\x06\x1a\x1b\x03\x06\x1a\x14\x03\x0a\x01"  
+  
"\x18\x03\x06#\x1b\x03\x0a2\x0c\x03\x0a\x01\x04\x03\x09#;\x03\x08=' \x03" +  
"\x08\x1a\x0a\x03\x07</\x03\x07:+\x03\x07\x07\*\x03\x06&\x1c\x03\x09\x0c" +  
"\x16\x03\x09\x10\x0e\x03\x08' \x0f\x03\x08+\x09\x03\x074%\x03\x06!3\x03" +  
"\x06\x03+\x03\x0b\x1e\x19\x03\x0a))\x03\x09\x08\x19\x03\x08, \x05\x03\x07"  
+  
"<2\x03\x06\x1c>\x03\x0a\x111\x03\x09\x1b\x09\x03\x073. \x03\x07\x01\x00" +  
"\x03\x09/, \x03\x07#>\x03\x07\x048\x03\x0a\x1f\x22\x03\x098>\x03\x09\x11"  
+  
"\x00\x03\x08/\x17\x03\x06' \x22\x03\x0b\x1a+\x03\x0a\x22\x19\x03\x0a/1" +  
"\x03\x0974\x03\x09\x0f\x22\x03\x08, \x22\x03\x08?\x14\x03\x07\$5\x03\x07<3"  
+  
"\x03\x07=\* \x03\x07\x13\x18\x03\x068\x0a\x03\x06\x09\x16\x03\x06\x13\x00"  
+  
"\x03\x08\x067\x03\x08\x01\x03\x03\x08\x12\x1d\x03\x07+7\x03\x06(; \x03" +  
"\x06\x1c?\x03\x07\x0e\x17\x03\x0a\x06\x1d\x03\x0a\x19\x07\x03\x08\x14\$" +  
"\x03\x07\$; \x03\x08, \$ \x03\x08\x06\x0d\x03\x07\x16\x0a\x03\x06>> \x03\x0a" +  
"\x06\x12\x03\x0a\x14)\x03\x09\x0d\x1f\x03\x09\x12\x17\x03\x09\x19\x01" +  
"\x03\x08\x11 \x03\x08\x1d' \x03\x06<\x1a\x03\x0a. \x00\x03\x07' \x18\x03" +  
"\x0a\x22\x08\x03\x08\x0d\x0a\x03\x08\x13)\x03\x07\*)\x03\x06<, \x03\x07" +  
"\x0b\x1a\x03\x09. \x14\x03\x09\x0d\x1e\x03\x07\x0e#\x03\x0b\x1d' \x03\x0a"  
+  
"\x0a8\x03\x09%2\x03\x08&\x03\x080\x12\x03\x0a)4\x03\x08\x06\x1f\x03\x0b"  
+  
"\x1b\x1a\x03\x0a\x1b\x0f\x03\x0b\x1d\*\x03\x09\x16\$\x03\x090\x11\x03\x08"  
+  
"\x11\x08\x03\x0a\*(\x03\x0a\x042\x03\x089, \x03\x074' \x03\x07\x0f\x05\x03"  
+  
"\x09\x0b\x0a\x03\x07\x1b\x01\x03\x09\x17: \x03\x09. \x0d\x03\x07. \x11\x03"  
+  
"\x09+\x15\x03\x080\x13\x03\x0b\x1f\x19\x03\x0a \x11\x03\x0a\x220\x03\x09"

+  
"\x07;\x03\x08\x16\x1c\x03\x07, \x13\x03\x07\x0e/\x03\x06\x221\x03\x0a." +  
"\x0a\x03\x0a7\x02\x03\x0a\x032\x03\x0a\x1d. \x03\x091\x06\x03\x09\x19:" +  
"\x03\x08\x02/\x03\x060+\x03\x06\x0f-\x03\x06\x1c\x1f\x03\x06\x1d\x07\x03"  
+  
"\x0a, \x11\x03\x09=\x0d\x03\x09\x0b; \x03\x07\x1b/\x03\x0a\x1f: \x03\x09 " +  
"\x1f\x03\x09. \x10\x03\x094\x0b\x03\x09\x1a1\x03\x08#\x1a\x03\x084\x1d" +  
"\x03\x08\x01\x1f\x03\x08\x11\x22\x03\x07'8\x03\x07\x1a>\x03\x0757\x03" +  
"\x06&9\x03\x06+\x11\x03\x0a. \x0b\x03\x0a, >\x03\x0a4#\x03\x08%\x17\x03" +  
"\x07\x05\x22\x03\x07\x0c\x0b\x03\x0a\x1d+\x03\x0a\x19\x16\x03\x09+\x1f" +  
"\x03\x09\x08\x0b\x03\x08\x16\x18\x03\x08+\x12\x03\x0b\x1d\x0c\x03\x0a=" +  
"\x10\x03\x0a\x09\x0d\x03\x0a\x10\x11\x03\x09&0\x03\x08(\x1f\x03\x087\x07"  
+  
"\x03\x08\x185\x03\x07'6\x03\x06. \x05\x03\x06=\x04\x03\x06;; \x03\x06\x06,"  
+  
"\x03\x0b\x18>\x03\x08\x00\x18\x03\x06 \x03\x03\x06<\x00\x03\x09%\x18\x03"  
+  
"\x0b\x1c<\x03\x0a%\x03\x0a\x09\x12\x03\x0a\x16\x02\x03\x090'\x03\x09" +  
"\x0e=\x03\x08 \x0e\x03\x08>\x03\x03\x074>\x03\x06&?\x03\x06\x19\x09\x03"  
+  
"\x06?(\x03\x0a-\x0e\x03\x09:3\x03\x098:\x03\x09\x12\x0b\x03\x09\x1d\x17"  
+  
"\x03\x087\x05\x03\x082\x14\x03\x08\x06%\x03\x08\x13\x1f\x03\x06\x06\x0e"  
+  
"\x03\x0a\x22<\x03\x09/<\x03\x06>+\x03\x0a'?\x03\x0a\x13\x0c\x03\x09\x10<"  
+  
"\x03\x07\x1b=\x03\x0a\x19\x13\x03\x09\x22\x1d\x03\x09\x07\x0d\x03\x08)" +  
"\x1c\x03\x06=\x1a\x03\x0a/4\x03\x0a7\x11\x03\x0a\x16:\x03\x09?3\x03\x09:"  
+  
"/\x03\x09\x05\x0a\x03\x09\x14\x06\x03\x087\x22\x03\x080\x07\x03\x08\x1a"  
+  
"\x1f\x03\x07\x04(\x03\x07\x04\x09\x03\x06 %\x03\x06<\x08\x03\x0a+\x14" +  
"\x03\x09\x1d\x16\x03\x0a70\x03\x08 >\x03\x0857\x03\x070\x0a\x03\x06=\x12"  
+  
"\x03\x06\x16%\x03\x06\x1d, \x03\x099#\x03\x09\x10>\x03\x07 \x1e\x03\x08" +  
"\x0c<\x03\x08\x0b\x18\x03\x08\x15+\x03\x08, : \x03\x08%\x22\x03\x07\x0a\$" +  
"\x03\x0b\x1c=\x03\x07+\x08\x03\x0a/\x05\x03\x0a \x07\x03\x0a\x12'\x03" +  
"\x09#\x11\x03\x08\x1b\x15\x03\x0a\x06\x01\x03\x09\x1c\x1b\x03\x0922\x03"  
+  
"\x07\x14<\x03\x07\x09\x04\x03\x061\x04\x03\x07\x0e\x01\x03\x0a\x13\x18" +  
"\x03\x0a-\x0c\x03\x0a?\x0d\x03\x0a\x09\x0a\x03\x091&\x03\x0a/\x0b\x03" +  
"\x08\$<\x03\x083\x1d\x03\x08\x0c\$\x03\x08\x0d\x07\x03\x08\x0d?\x03\x08" +  
"\x0e\x14\x03\x065\x0a\x03\x08\x1a#\x03\x08\x16#\x03\x0702\x03\x07\x03" +  
"\x1a\x03\x06(\x1d\x03\x06+\x1b\x03\x06\x0b\x05\x03\x06\x0b\x17\x03\x06" +  
"\x0c\x04\x03\x06\x1e\x19\x03\x06+0\x03\x062\x18\x03\x0b\x16\x1e\x03\x0a+"  
+  
"\x16\x03\x0a-?\x03\x0a#:\x03\x0a#\x10\x03\x0a%\$\x03\x0a>+\x03\x0a01\x03"  
+  
"\x0a1\x10\x03\x0a\x099\x03\x0a\x0a\x12\x03\x0a\x19\x1f\x03\x0a\x19\x12" +  
"\x03\x09\*)\x03\x09-\x16\x03\x09.1\x03\x09.2\x03\x09<\x0e\x03\x09> \x03" +  
"\x093\x12\x03\x09\x0b\x01\x03\x09\x1c2\x03\x09\x11\x1c\x03\x09\x15%\x03"

+  
"\x08,&\x03\x08!\x22\x03\x089(\x03\x08\x0b\x1a\x03\x08\x0d2\x03\x08\x0c" +  
"\x04\x03\x08\x0c\x06\x03\x08\x0c\x1f\x03\x08\x0c\x0c\x03\x08\x0f\x1f\x03"  
+  
"\x08\x0f\x1d\x03\x08\x00\x14\x03\x08\x03\x14\x03\x08\x06\x16\x03\x08\x1e"  
+  
"#\x03\x08\x11\x11\x03\x08\x10\x18\x03\x08\x14(\x03\x07)\x1e\x03\x07.1" +  
"\x03\x07 \$\x03\x07 '\x03\x078\x08\x03\x07\x0d0\x03\x07\x0f7\x03\x07\x05#" +  
+  
"\x03\x07\x05\x1a\x03\x07\x1a7\x03\x07\x1d-\x03\x07\x17\x10\x03\x06)\x1f"  
+  
"\x03\x062\x0b\x03\x066\x16\x03\x06\x09\x11\x03\x09(\x1e\x03\x07!5\x03" +  
"\x0b\x11\x16\x03\x0a/\x04\x03\x0a,\x1a\x03\x0b\x173\x03\x0a,1\x03\x0a/5"  
+  
"\x03\x0a\x221\x03\x0a\x22\x0d\x03\x0a?\x03\x0a<,\x03\x0a?\x03\x0a>\x19"  
+  
"\x03\x0a\x08&\x03\x0a\x0b\x0e\x03\x0a\x0c:\x03\x0a\x0c+\x03\x0a\x03\x22"  
+  
"\x03\x0a\x06)\x03\x0a\x11\x10\x03\x0a\x11\x1a\x03\x0a\x17-\x03\x0a\x14(" +  
+  
"\x03\x09)\x1e\x03\x09/\x09\x03\x09.\x00\x03\x09,\x07\x03\x09/\*\x03\x09-9"  
+  
"\x03\x09\x228\x03\x09%\x09\x03\x09:\x12\x03\x09;\x1d\x03\x09?\x06\x03" +  
"\x093%\x03\x096\x05\x03\x096\x08\x03\x097\x02\x03\x09\x07,\x03\x09\x04," +  
+  
"\x03\x09\x1f\x16\x03\x09\x11\x03\x03\x09\x11\x12\x03\x09\x168\x03\x08\*" +  
"\x05\x03\x08/2\x03\x084:\x03\x08\x22+\x03\x08 0\x03\x08&\x0a\x03\x08;" +  
"\x10\x03\x08>\x03\x08>\x18\x03\x0829\x03\x082:\x03\x081,\x03\x081<\x03"  
+  
"\x081\x1c\x03\x087#\x03\x087\*\x03\x08\x09'\x03\x08\x00\x1d\x03\x08\x05-" +  
+  
"\x03\x08\x1f4\x03\x08\x1d\x04\x03\x08\x16\x0f\x03\x07\*7\x03\x07'!\x03" +  
"\x07%\x1b\x03\x077\x0c\x03\x07\x0c1\x03\x07\x0c.\x03\x07\x00\x06\x03\x07"  
+  
"\x01\x02\x03\x07\x010\x03\x07\x06=\x03\x07\x01\x03\x03\x07\x01\x13\x03" +  
"\x07\x06\x06\x03\x07\x05\x0a\x03\x07\x1f\x09\x03\x07\x17:\x03\x06\*1\x03"  
+  
"\x06-\x1d\x03\x06\x223\x03\x062:\x03\x060\$\x03\x066\x1e\x03\x064\x12\x03"  
+  
"\x0645\x03\x06\x0b\x00\x03\x06\x0b7\x03\x06\x07\x1f\x03\x06\x15\x12\x03"  
+  
"\x0c\x05\x0f\x03\x0b+\x0b\x03\x0b+-\x03\x06\x16\x1b\x03\x06\x15\x17\x03"  
+  
"\x89\xca\xea\x03\x89\xca\xe8\x03\x0c8\x10\x03\x0c8\x01\x03\x0c8\x0f\x03"  
+  
"\x0d8%\x03\x0d8!\x03\x0c8-\x03\x0c8/\x03\x0c8+\x03\x0c87\x03\x0c85\x03" +  
"\x0c9\x09\x03\x0c9\x0d\x03\x0c9\x0f\x03\x0c9\x0b\x03\xcfu\x0c\x03\xcfu" +  
"\x0f\x03\xcfu\x0e\x03\xcfu\x09\x03\x0c9\x10\x03\x0d9\x0c\x03\xcf`;\x03" +  
"\xcf`>\x03\xcf`9\x03\xcf`8\x03\xcf`7\x03\xcf`\*\x03\xcf`-\x03\xcf`,\x03" +  
"\x0d\x1b\x1a\x03\x0d\x1b&\x03\x0c=. \x03\x0c=%\x03\x0c>\x1e\x03\x0c>\x14"

"\x03\x0c?\x06\x03\x0c?\x0b\x03\x0c?\x0c\x03\x0c?\x0d\x03\x0c?\x02\x03" +  
"\x0c>\x0f\x03\x0c>\x08\x03\x0c>\x09\x03\x0c>,\x03\x0c>\x0c\x03\x0c?\x13"  
+  
"\x03\x0c?\x16\x03\x0c?\x15\x03\x0c?\x1c\x03\x0c?\x1f\x03\x0c?\x1d\x03" +  
"\x0c?\x1a\x03\x0c?\x17\x03\x0c?\x08\x03\x0c?\x09\x03\x0c?\x0e\x03\x0c?" +  
"\x04\x03\x0c?\x05\x03\x0c<?\x03\x0c=\x00\x03\x0c=\x06\x03\x0c=\x05\x03" +  
"\x0c=\x0c\x03\x0c=\x0f\x03\x0c=\x0d\x03\x0c=\x0b\x03\x0c=\x07\x03\x0c=" +  
"\x19\x03\x0c=\x15\x03\x0c=\x11\x03\x0c=1\x03\x0c=3\x03\x0c=0\x03\x0c=>" +  
"\x03\x0c=2\x03\x0c=6\x03\x0c<\x07\x03\x0c<\x05\x03\x0e:!\x03\x0e:#\x03" +  
"\x0e8\x09\x03\x0e:&\x03\x0e8\x0b\x03\x0e:\$\x03\x0e:,\x03\x0e8\x1a\x03" +  
"\x0e8\x1e\x03\x0e:\*\x03\x0e:7\x03\x0e:5\x03\x0e:;\x03\x0e:\x15\x03\x0e:<"  
+  
"\x03\x0e:4\x03\x0e:'\x03\x0e:-\x03\x0e:%\x03\x0e:?\x03\x0e:=\x03\x0e:)" +  
"\x03\x0e:/\x03\x0cfs'\x03\x0d=\x0f\x03\x0d+\*\x03\x0d99\x03\x0d9;\x03\x0d9"  
+  
"?\x03\x0d)\x0d\x03\x0d(%\x02\x01\x18\x02\x01(\x02\x01\x1e\x03\x0f\$!\x03"  
+  
"\x0f87\x03\x0f4\x0e\x03\x0f5\x1d\x03\x06'\x03\x03\x0f\x08\x18\x03\x0f" +  
"\x0d\x1b\x03\x0e2=\x03\x0e;\x08\x03\x0e:\x0b\x03\x0e\x06\$\x03\x0e\x0d)" +  
"\x03\x0e\x16\x1f\x03\x0e\x16\x1b\x03\x0d\$\x0a\x03\x05,\x1d\x03\x0d. \x03"  
+  
"\x0d.#\x03\x0c(/ \x03\x09%\x02\x03\x0d90\x03\x0d\x0e4\x03\x0d\x0d\x0f\x03"  
+  
"\x0c#\x00\x03\x0c,\x1e\x03\x0c2\x0e\x03\x0c\x01\x17\x03\x0c\x09:\x03\x0e"  
+  
"\x173\x03\x0c\x08\x03\x03\x0c\x11\x07\x03\x0c\x10\x18\x03\x0c\x1f\x1c" +  
"\x03\x0c\x19\x0e\x03\x0c\x1a\x1f\x03\x0f0>\x03\x0b->\x03\x0b<+\x03\x0b8"  
+  
"\x13\x03\x0b\x043\x03\x0b\x14\x03\x03\x0b\x16%\x03\x0d\x22&\x03\x0b\x1a"  
+  
"\x1a\x03\x0b\x1a\x04\x03\x0a%9\x03\x0a&2\x03\x0a&0\x03\x0a!\x1a\x03\x0a!"  
+  
"7\x03\x0a5\x10\x03\x0a=4\x03\x0a?\x0e\x03\x0a>\x10\x03\x0a\x00 \x03\x0a"  
+  
"\x0f:\x03\x0a\x0f9\x03\x0a\x0b\x0a\x03\x0a\x17%\x03\x0a\x1b-\x03\x09-" +  
"\x1a\x03\x09,4\x03\x09.,\x03\x09)\x09\x03\x096!\x03\x091\x1f\x03\x093" +  
"\x16\x03\x0c+\x1f\x03\x098 \x03\x098=\x03\x0c(\x1a\x03\x0c(\x16\x03\x09"  
+  
"\x0a+\x03\x09\x16\x12\x03\x09\x13\x0e\x03\x09\x153\x03\x08)!\x03\x09\x1a"  
+  
"\x01\x03\x09\x18\x01\x03\x08%#\x03\x08>\x22\x03\x08\x05%\x03\x08\x02\*" +  
"\x03\x08\x15;\x03\x08\x1b7\x03\x0f\x07\x1d\x03\x0f\x04\x03\x03\x070\x0c"  
+  
"\x03\x07;\x0b\x03\x07\x08\x17\x03\x07\x12\x06\x03\x06/-\x03\x0671\x03" +  
"\x065+\x03\x06>7\x03\x06\x049\x03\x05+\x1e\x03\x05,\x17\x03\x05 \x1d\x03"  
+  
"\x05\x22\x05\x03\x050\x1d"

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# (Adapted from my personal sneak-in-go-package.sh script)

```
set -e
```

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```
(c)
if p > math.MaxInt32-int64(a)
 return 0, true
}
return a + int32(p), false
```

```
>>> golang.org/x/exp-v0.0.0-20230224173230-c95f2b4c22f2
```

```
>>> golang.org/x/net-v0.18.0
```

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```
>>> golang.org/x/sys-v0.16.0
```

```
>>> golang.org/x/term-v0.16.0
```

```
>>> google.golang.org/api-v0.126.0
```



>>> resenje.org/singleflight-v0.4.1

>>> iso8601-2.1.0

Copyright (c) 2007 - 2022 Michael Twomey

>>> ruamel.yaml.clib-0.2.8

Copyright (c) 2006 Kirill Simonov

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>>> simplejson-3.19.2

copyright = '2023, Bob Ippolito

# The default replacements for |version| and |release|, also used in various

# other places throughout the built documents.

Copyright: (c) 2006, Gustavo Noronha Silva <kov@debian.org>

(c) 2006, Tommi Virtanen <tv@debian.org>

(c) (c >=

copyright-format/1.0/  
Upstream-Name: simplejson  
Upstream-Contact: Bob Ippolito <bob@redivi.com>  
Source: <https://github.com/simplejson/simplejson>

Files: \*

(c) 2016, Ond

(c) (((c) ==

#define MIN\_EXPANSION 6

(c) 2006-2015, Piotr O

Copyright: (c) 2006 Bob Ippolito <bob@redivi.com>

>>> soupsieve-2.5

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AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
SOFTWARE.

```
>>> texttable-1.7.0
```

```
Copyright (C) 2003-2023 Gerome Fournier <jef(at)foutaise.org>
```

```
"""module to create simple ASCII tables
```

```
Copyright (c) 2020 Gerome Fournier
```

```
(c) for c in obj2unicode(iterable)
 else:
```

```
Copyright (C) 2003-2023 Gerome Fournier <jef(at)foutaise.org>
```

```
from setuptools import setup
```

```
(c) in
 return 2
 elif unicodedata.combining(c):
```

```
>>> jmespath-1.0.1
```

```
Copyright (c) 2013 Amazon.com, Inc. or its affiliates. All Rights Reserved
```

>>> charset-normalizer-3.3.2

© [Ahmed TAHRI @Ousret

(c)


<https://stackoverflow.com/questions/3041986/apt-command-line-interface-like-yes-no-input>

"""

```
valid = {"yes": True, "y": True, "ye": True, "no": False, "n": False}
if default is None:
```

Copyright (c) 2019 TAHRI Ahmed R.

© 2012

##  For Enterprise

copyright: (c) 2021 by Ahmed TAHRI

>>> lxml-5.1.0

Copyright (c) 1999-2009 by Fredrik Lundh

#

```
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associated documentation, you agree that you have read, understood,
and will comply with the following terms and conditions:
```

#

```
Permission to use, copy, modify, and distribute this software and
its associated documentation for any purpose and without fee is
```

(c)

```
self.assertXML(
 b'<other><c></c></other>',
 other)
```

```
def test_del_insert(self):
```

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Taiwan

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```
(c)
 self.assertEqual(
 tree.getpath(d2)[:4])
 self.assertEqual([d2],
 tree.xpath(tree.getpath(d2)))

 def test_xpath_evaluator(self):
```

Copyright (c) 2003-2009 by Fredrik Lundh. All rights reserved.

```
#
fredrik@pythonware.com
http://www.pythonware.com
```

copyright:before

```
(c) ((unsigned char)c)
#define __Pyx_long_cast(x) ((long)x)
#define __Pyx_fits_Py_ssize_t(v, type, is_signed) (\
 (sizeof(type) < sizeof(Py_ssize_t)) ||\
 (sizeof(type) > sizeof(Py_ssize_t) &&\
 likely(v < (type)PY_SSIZE_T_MAX ||\
 v == (type)PY_SSIZE_T_MAX) &&\
 (!is_signed || likely(v > (type)PY_SSIZE_T_MIN ||\
 v == (type)PY_SSIZE_T_MIN))) ||\
 (sizeof(type) == sizeof(Py_ssize_t) &&\
 (is_signed || likely(v < (type)PY_SSIZE_T_MAX ||\
```

```

 v == (type)PY_SSIZE_T_MAX))))
static CYTHON_INLINE int __Pyx_is_valid_index(Py_ssize_t i, Py_ssize_t
limit) {
 return (size_t) i < (size_t) limit;
}
#if defined (__cplusplus) && __cplusplus >= 201103L
 #include <cstdlib>
 #define __Pyx_sst_abs(value) std::abs(value)
#elif SIZEOF_INT >= SIZEOF_SIZE_T
 #define __Pyx_sst_abs(value) abs(value)
#elif SIZEOF_LONG >= SIZEOF_SIZE_T
 #define __Pyx_sst_abs(value) labs(value)
#elif defined (_MSC_VER)
 #define __Pyx_sst_abs(value) ((Py_ssize_t)_abs64(value))
#elif defined (__STDC_VERSION__) && __STDC_VERSION__ >= 199901L
 #define __Pyx_sst_abs(value) llabs(value)
#elif defined (__GNUC__)
 #define __Pyx_sst_abs(value) __builtin_llabs(value)
#else
 #define __Pyx_sst_abs(value) ((value<0) ? -value : value)
#endif
static CYTHON_INLINE Py_ssize_t __Pyx_ssize_strlen(const char *s);
static CYTHON_INLINE const char* __Pyx_PyObject_AsString(PyObject*);
static CYTHON_INLINE const char* __Pyx_PyObject_AsStringAndSize(PyObject*,
Py_ssize_t* length);
static CYTHON_INLINE PyObject* __Pyx_PyByteArray_FromString(const char*);
#define __Pyx_PyByteArray_FromStringAndSize(s, l)
PyByteArray_FromStringAndSize((const char*)s, l)
#define __Pyx_PyBytes_FromString PyBytes_FromString
#define __Pyx_PyBytes_FromStringAndSize PyBytes_FromStringAndSize
static CYTHON_INLINE PyObject* __Pyx_PyUnicode_FromString(const char*);
#if PY_MAJOR_VERSION < 3
 #define __Pyx_PyStr_FromString __Pyx_PyBytes_FromString
 #define __Pyx_PyStr_FromStringAndSize __Pyx_PyBytes_FromStringAndSize
#else
 #define __Pyx_PyStr_FromString __Pyx_PyUnicode_FromString
 #define __Pyx_PyStr_FromStringAndSize __Pyx_PyUnicode_FromStringAndSize
#endif
#define __Pyx_PyBytes_AsWritableString(s) ((char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsWritableSString(s) ((signed char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsWritableUString(s) ((unsigned char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsString(s) ((const char*) PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsSString(s) ((const signed char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyBytes_AsUString(s) ((const unsigned char*)
PyBytes_AS_STRING(s))
#define __Pyx_PyObject_AsWritableString(s) ((char*)(__pyx_uintptr_t)
__Pyx_PyObject_AsString(s))

```

```

 #define __Pyx_PyObject_AsWritableSString(s) ((signed
char*)(__pyx_uintptr_t) __Pyx_PyObject_AsString(s))
 #define __Pyx_PyObject_AsWritableUString(s) ((unsigned
char*)(__pyx_uintptr_t) __Pyx_PyObject_AsString(s))
 #define __Pyx_PyObject_AsSSString(s) ((const signed char*)
__Pyx_PyObject_AsString(s))
 #define __Pyx_PyObject_AsUString(s) ((const unsigned char*)
__Pyx_PyObject_AsString(s))
 #define __Pyx_PyObject_FromCString(s) __Pyx_PyObject_FromString((const
char*)s)
 #define __Pyx_PyBytes_FromCString(s) __Pyx_PyBytes_FromString((const
char*)s)
 #define __Pyx_PyByteArray_FromCString(s)
__Pyx_PyByteArray_FromString((const char*)s)
 #define __Pyx_PyStr_FromCString(s) __Pyx_PyStr_FromString((const
char*)s)
 #define __Pyx_PyUnicode_FromCString(s) __Pyx_PyUnicode_FromString((const
char*)s)
 #if CYTHON_COMPILING_IN_LIMITED_API
 static CYTHON_INLINE size_t __Pyx_Py_UNICODE_strlen(const wchar_t *u)

```

>>> isort-5.13.2

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Copyright (c) 2013 Timothy Edmund Crosley

Copyright 2013 Red Hat, Inc.

```

@"}),
 """: frozenset(
 },
 "treat_comments_as_code": frozenset({""}),
 "length_sort": True,
 "reverse_relative": True,
 "combine_as_imports": True,
 "py_version": "all",
 "use_parentheses": True,
 "skip_gitignore": True,
 "remove_imports": frozenset(

```

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>>> attrs-23.2.0

>>> urllib3-1.26.15

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Copyright (C) 2012 Senko Rasic <senko.rasic@dobarkod.hr>

Copyright (c) 2010-2020 Benjamin Peterson

Copyright (c) 2015-2016 Will Bond <will@wbond.net>

>>> github.com/bastjan/netstat-v1.0.0

>>> gorm.io/gorm-v1.21.12

Copyright (c) 2013-NOW Jinzhu <wosmvp@gmail.com>

© Jinzhu, 2013

>>> Babel-2.14.0



>>> Jinja2-3.1.3

>>> MarkupSafe-2.1.5

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© 2010, Piotr O

>>> PyHamcrest-2.1.0

Copyright 2011 hamcrest.org"

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>>> Pygments-2.17.2

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>>> azure-core-1.30.1

>>> azure-storage-blob-12.16.0

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>>> cachetools-5.3.3

>>> configparser-6.0.1

>>> constantly-23.10.4

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Copyright: (c) 2001-2015 Twisted Matrix Laboratories

Copyright (c) 2011-2015 Twisted Matrix Laboratories

Copyright: 2016 Free Ekanayaka <freee@debian.org>

Copyright 2011-2015

copyright-format/1.0/

Upstream-Name: incremental

Upstream-Contact: Amber Brown <hawkowl@twistedmatrix.com>

Source: <https://github.com/hawkowl/constantly>

Files: \*

```
>>> dogpile.cache-1.3.2
```

```
>>> elementpath-4.4.0
```

```
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```

```
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```

```
Copyright (c), 2018-2023, SISSA (International School for Advanced Studies).
```

```
Copyright (c), 2018-2021, SISSA (International School for Advanced Studies).
```

```
>>> graphviz-0.20.2
```

```
Copyright: 2016 Diane Trout <diane@ghic.org>
```

```
copyright-format/1.0/
Upstream-Name: graphviz
Source: https://github.com/xflr6/graphviz
```

```
Files: *
```

```
Copyright (c) 2013-2022 Sebastian Bank
```

```
ENGINES = ENGINES
""":class:`set` of known layout commands used for rendering
(`dot`, `neato`, ...)."""
```

```
Copyright: Copyright (c) 2013-2016 Sebastian Bank
```

```
copyright = '2013-2022, Sebastian Bank'
```

```
author = 'Sebastian Bank'
```

```
The full version, including alpha/beta/rc tags
release = '0.20.1'
```

```
>>> lazy-object-proxy-1.10.0
```

```
Copyright (c) 2014-2023, Ionel Cristian M
```

```
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```

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```

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

```
(c)
```

```
 assert coro_b.cr_await is None
```

```
 coro_b = lop.Proxy(b)
```

```
 assert inspect.getcoroutinestate(coro_b) == inspect.CORO_CREATED
```

```
 assert coro_b.cr_await is None
```

```
copyright =
```

```
try:
```

```
 from pkg_resources import get_distribution
```

```
 version = release = get_distribution('lazy_object_proxy').version
```

```
>>> parse-1.20.1
```

```
>>> platformdirs-4.2.0
```

```
copyright-format/1.0/
Upstream-Name: platformdirs
Source: https://github.com/platformdirs/platformdirs
```

```
Files: *
```

```
Copyright: 2014 Benjamin Drung <benjamin.drung@profitbricks.com>
```

```
Copyright (c) 2010-202x The platformdirs developers
```

```
Copyright: 2010-202x The platformdirs developers
```

```
(c) > 255 for c in buf):
 buf2 = ctypes.create_unicode_buffer(1024)
 if windll.kernel32.GetShortPathNameW(buf.value, buf2, 1024):
```

```
>>> pyrsistent-0.20.0
```

```
Copyright:
2019 Andrej Shadura <andrewsh@debian.org>
```

```
Copyright:
2013
```

```
Copyright: (c) 2013, Matthew Rocklin
```

```
copyright-format/1.0/
Source: https://github.com/tobgu/pyrsistent/
Upstream-Name: pyrsistent
```

```
Files: *
```

```
Copyright (c) 2013 Matthew Rocklin
```

```
All rights reserved.
```

```
(c) > 15 else c)
```

```
>>> very_short_news.articles[0].content
'A short article'
>>> very_short_news.articles[1].content
'A slightly long...'
```

kept When nothing has been transformed the original data structure is

```
(c) > 25 else c)
```

Copyright (c) 2023 Tobias Gustafsson

```
>>> python-ldap-3.4.4
```

```
copyright-format/1.0/
Upstream-Name: python-ldap
Source: https://www.python-ldap.org/
```

```
Files: *
```

```
copyright = 'python-ldap project team
```

```
The default replacements for |version| and |release|, also used in
various # other places throughout the built documents.
```

```
Copyright: Python-ldap project
```

```
(c)
 r.append(c)
 elif escape_mode==2:
```

```
Copyright (c) 2001, 2002, 2003, 2004, 2005,
```

```
Copyright: 2002-2017 Gregor HOFFLEIT <flight@debian.org>
```

>>> ruamel.yaml-0.18.6

>>> threadpoolctl-3.3.0

>>> traitlets-5.14.2

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copyright: Copyright 2007-2015 by the Sphinx team, see AUTHORS.

Copyright (c) IPython Development Team.

>>> typing\_extensions-4.10.0

>>> wcwidth-0.2.13

Copyright (c) 2014 Jeff Quast <contact@jeffquast.com>

Copyright Sign

(0x000ae, 0x000ae, # Registered Sign  
(0x0203c, 0x0203c, # Double Exclamation Mark  
(0x02049, 0x02049, # Exclamation Question Mark  
(0x02122, 0x02122, # Trade Mark Sign  
(0x02139, 0x02139, # Information Source  
(0x02194, 0x02199, # Left Right Arrow ..South West Arrow  
(0x021a9, 0x021aa, # Leftwards Arrow With Hoo..Rightwards Arrow

With Ho

(0x02328, 0x02328, # Keyboard  
(0x023cf, 0x023cf, # Eject Symbol  
(0x023ed, 0x023ef, # Black Right-pointing Dou..Black

Right-pointing Tri

(0x023f1, 0x023f2, # Stopwatch ..Timer Clock  
(0x023f8, 0x023fa, # Double Vertical Bar ..Black Circle For

Record

(0x024c2, 0x024c2, # Circled Latin Capital Letter M  
(0x025aa, 0x025ab, # Black Small Square ..White Small

Square

(0x025b6, 0x025b6, # Black Right-pointing Triangle

|            |                       |                                             |                    |
|------------|-----------------------|---------------------------------------------|--------------------|
|            | (0x025c0, 0x025c0, ), | # Black Left-pointing Triangle              |                    |
| Square     | (0x025fb, 0x025fc, ), | # White Medium Square                       | ..Black Medium     |
|            | (0x02600, 0x02604, ), | # Black Sun With Rays                       | ..Comet            |
|            | (0x0260e, 0x0260e, ), | # Black Telephone                           |                    |
|            | (0x02611, 0x02611, ), | # Ballot Box With Check                     |                    |
|            | (0x02618, 0x02618, ), | # Shamrock                                  |                    |
|            | (0x0261d, 0x0261d, ), | # White Up Pointing Index                   |                    |
|            | (0x02620, 0x02620, ), | # Skull And Crossbones                      |                    |
|            | (0x02622, 0x02623, ), | # Radioactive Sign                          | ..Biohazard Sign   |
|            | (0x02626, 0x02626, ), | # Orthodox Cross                            |                    |
|            | (0x0262a, 0x0262a, ), | # Star And Crescent                         |                    |
|            | (0x0262e, 0x0262f, ), | # Peace Symbol                              | ..Yin Yang         |
| Face       | (0x02638, 0x0263a, ), | # Wheel Of Dharma                           | ..White Smiling    |
|            | (0x02640, 0x02640, ), | # Female Sign                               |                    |
|            | (0x02642, 0x02642, ), | # Male Sign                                 |                    |
|            | (0x0265f, 0x02660, ), | # Black Chess Pawn                          | ..Black Spade Suit |
|            | (0x02663, 0x02663, ), | # Black Club Suit                           |                    |
| Suit       | (0x02665, 0x02666, ), | # Black Heart Suit                          | ..Black Diamond    |
|            | (0x02668, 0x02668, ), | # Hot Springs                               |                    |
|            | (0x0267b, 0x0267b, ), | # Black Universal Recycling Symbol          |                    |
|            | (0x0267e, 0x0267e, ), | # Permanent Paper Sign                      |                    |
|            | (0x02692, 0x02692, ), | # Hammer And Pick                           |                    |
|            | (0x02694, 0x02697, ), | # Crossed Swords                            | ..Alembic          |
|            | (0x02699, 0x02699, ), | # Gear                                      |                    |
|            | (0x0269b, 0x0269c, ), | # Atom Symbol                               | ..Fleur-de-lis     |
|            | (0x026a0, 0x026a0, ), | # Warning Sign                              |                    |
|            | (0x026a7, 0x026a7, ), | # Male With Stroke And Male And Female Sign |                    |
|            | (0x026b0, 0x026b1, ), | # Coffin                                    | ..Funeral Urn      |
|            | (0x026c8, 0x026c8, ), | # Thunder Cloud And Rain                    |                    |
|            | (0x026cf, 0x026cf, ), | # Pick                                      |                    |
|            | (0x026d1, 0x026d1, ), | # Helmet With White Cross                   |                    |
|            | (0x026d3, 0x026d3, ), | # Chains                                    |                    |
|            | (0x026e9, 0x026e9, ), | # Shinto Shrine                             |                    |
| Ground     | (0x026f0, 0x026f1, ), | # Mountain                                  | ..Umbrella On      |
|            | (0x026f4, 0x026f4, ), | # Ferry                                     |                    |
|            | (0x026f7, 0x026f9, ), | # Skier                                     | ..Person With Ball |
|            | (0x02702, 0x02702, ), | # Black Scissors                            |                    |
|            | (0x02708, 0x02709, ), | # Airplane                                  | ..Envelope         |
|            | (0x0270c, 0x0270d, ), | # Victory Hand                              | ..Writing Hand     |
|            | (0x0270f, 0x0270f, ), | # Pencil                                    |                    |
|            | (0x02712, 0x02712, ), | # Black Nib                                 |                    |
|            | (0x02714, 0x02714, ), | # Heavy Check Mark                          |                    |
|            | (0x02716, 0x02716, ), | # Heavy Multiplication X                    |                    |
|            | (0x0271d, 0x0271d, ), | # Latin Cross                               |                    |
|            | (0x02721, 0x02721, ), | # Star Of David                             |                    |
| Black Star | (0x02733, 0x02734, ), | # Eight Spoked Asterisk                     | ..Eight Pointed    |



|           |                       |                                    |                     |
|-----------|-----------------------|------------------------------------|---------------------|
|           | (0x02744, 0x02744, ), | # Snowflake                        |                     |
|           | (0x02747, 0x02747, ), | # Sparkle                          |                     |
|           | (0x02763, 0x02764, ), | # Heavy Heart Exclamation          | ..Heavy Black Heart |
|           | (0x027a1, 0x027a1, ), | # Black Rightwards Arrow           |                     |
| Rightward | (0x02934, 0x02935, ), | # Arrow Pointing Rightward         | ..Arrow Pointing    |
| Arrow     | (0x02b05, 0x02b07, ), | # Leftwards Black Arrow            | ..Downwards Black   |
| Latin C   | (0x1f170, 0x1f171, ), | # Negative Squared Latin C         | ..Negative Squared  |
| Latin C   | (0x1f17e, 0x1f17f, ), | # Negative Squared Latin C         | ..Negative Squared  |
|           | (0x1f321, 0x1f321, ), | # Thermometer                      |                     |
|           | (0x1f324, 0x1f32c, ), | # White Sun With Small Clo         | ..Wind Blowing Face |
|           | (0x1f336, 0x1f336, ), | # Hot Pepper                       |                     |
|           | (0x1f37d, 0x1f37d, ), | # Fork And Knife With Plate        |                     |
|           | (0x1f396, 0x1f397, ), | # Military Medal                   | ..Reminder Ribbon   |
|           | (0x1f399, 0x1f39b, ), | # Studio Microphone                | ..Control Knobs     |
|           | (0x1f39e, 0x1f39f, ), | # Film Frames                      | ..Admission Tickets |
|           | (0x1f3cb, 0x1f3ce, ), | # Weight Lifter                    | ..Racing Car        |
|           | (0x1f3d4, 0x1f3df, ), | # Snow Capped Mountain             | ..Stadium           |
|           | (0x1f3f3, 0x1f3f3, ), | # Waving White Flag                |                     |
|           | (0x1f3f5, 0x1f3f5, ), | # Rosette                          |                     |
|           | (0x1f3f7, 0x1f3f7, ), | # Label                            |                     |
|           | (0x1f43f, 0x1f43f, ), | # Chipmunk                         |                     |
|           | (0x1f441, 0x1f441, ), | # Eye                              |                     |
|           | (0x1f4fd, 0x1f4fd, ), | # Film Projector                   |                     |
|           | (0x1f549, 0x1f54a, ), | # Om Symbol                        | ..Dove Of Peace     |
|           | (0x1f56f, 0x1f570, ), | # Candle                           | ..Mantelpiece Clock |
|           | (0x1f573, 0x1f579, ), | # Hole                             | ..Joystick          |
|           | (0x1f587, 0x1f587, ), | # Linked Paperclips                |                     |
|           | (0x1f58a, 0x1f58d, ), | # Lower Left Ballpoint Pen         | ..Lower Left Crayon |
|           | (0x1f590, 0x1f590, ), | # Raised Hand With Fingers Splayed |                     |
|           | (0x1f5a5, 0x1f5a5, ), | # Desktop Computer                 |                     |
|           | (0x1f5a8, 0x1f5a8, ), | # Printer                          |                     |
|           | (0x1f5b1, 0x1f5b2, ), | # Three Button Mouse               | ..Trackball         |
|           | (0x1f5bc, 0x1f5bc, ), | # Frame With Picture               |                     |
|           | (0x1f5c2, 0x1f5c4, ), | # Card Index Dividers              | ..File Cabinet      |
| Pad       | (0x1f5d1, 0x1f5d3, ), | # Wastebasket                      | ..Spiral Calendar   |
| Newspaper | (0x1f5dc, 0x1f5de, ), | # Compression                      | ..Rolled-up         |
|           | (0x1f5e1, 0x1f5e1, ), | # Dagger Knife                     |                     |
|           | (0x1f5e3, 0x1f5e3, ), | # Speaking Head In Silhouette      |                     |
|           | (0x1f5e8, 0x1f5e8, ), | # Left Speech Bubble               |                     |
|           | (0x1f5ef, 0x1f5ef, ), | # Right Anger Bubble               |                     |
|           | (0x1f5f3, 0x1f5f3, ), | # Ballot Box With Ballot           |                     |
|           | (0x1f5fa, 0x1f5fa, ), | # World Map                        |                     |
|           | (0x1f6cb, 0x1f6cb, ), | # Couch And Lamp                   |                     |
|           | (0x1f6cd, 0x1f6cf, ), | # Shopping Bags                    | ..Bed               |
|           | (0x1f6e0, 0x1f6e5, ), | # Hammer And Wrench                | ..Motor Boat        |

```
(0x1f6e9, 0x1f6e9,), # Small Airplane
(0x1f6f0, 0x1f6f0,), # Satellite
(0x1f6f3, 0x1f6f3,), # Passenger Ship
),
```

```
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```

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```
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```

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```

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>>> cpuset-1.6

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```
>>> python-apt-2.0.1+ubuntu0.20.4.1
```

```
Like GPL 2.0
```

```
----- SECTION 6: GNU General Public License, V3.0

```

```
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```

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```

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```

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

↑

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↑

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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↑

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

↑

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You must give prominent notice with each copy of the work that the

Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot



use both them and the Library together in an executable that you distribute.

↑

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a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the 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>
```

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version 2.1 of the License, or (at your option) any later version.
```

```
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```

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Also add information on how to contact you by electronic and paper mail.

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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!

>>> spyne-2.13.11a0

Found in: spyne-2.13.11a0/spyne/server/twisted/\_\_init\_\_.py

Copyright (C) Spyne contributors.

```

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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.
```

>>> PyXDG-0.28

License : LGPL 2.1

----- SECTION 8: GNU Lesser General Public License, V3.0  
-----

>>> suds-community-0.8.4

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#
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along with this program; if not, write to the Free Software Foundation,
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
written by: Jurko Gospodnetic (jurko.gospodnetic@pke.hr)
```

>>> wadllib-1.3.3

```
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#
This file is part of wadllib
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```

>>> websocket-client-0.40.0

Found in: websocket\_client-0.40.0/LICENSE

```
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```

>>> lazr.uri-1.0.3

License: LGPL 3.0

>>> lazr.restfulclient-0.14.2

```
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#
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```

>>> astroid-2.5

License: LGPL 3.0

>>> jts-1.13

License: LGPL 3.0

>>> pymssql-linux-2.1.6

License- LGPL 3.0

----- SECTION 9: GNU Library General Public License, V2.0  
-----

>>> GeoIP-1.3.2

Found in: GeoIP-1.3.2/py\_GeoIP.c

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----- SECTION 10: Mozilla Public License, V2.0 -----

>>> certifi-2019.11.28

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#  
This is a bundle of X.509 certificates of public Certificate Authorities  
(CA). These were automatically extracted from Mozilla's root certificates  
file (certdata.txt). This file can be found in the mozilla source tree:

[http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?](http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#)  
raw=1#

It contains the certificates in PEM format and therefore  
can be directly used with curl / libcurl / php\_curl, or with  
an Apache+mod\_ssl webserver for SSL client authentication.  
Just configure this file as the SSLCertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03  
15:11:58 \$

>>> [github.com/hashicorp/golang-lru-v0.5.4](https://github.com/hashicorp/golang-lru-v0.5.4)

Found in: golang-lru-0.5.4/LICENSE

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equivalents.

## 2.7. Conditions

```
>>> github.com/hashicorp/go-multierror-v1.1.1
```

```
Copyright (c) 2014 HashiCorp, Inc.
```

```
>>> github.com/hashicorp/go-immutable-radix-v1.3.1
```

```
License : MPL 2.0
```

```
>>> github.com/hashicorp/errwrap-v1.1.0
```

```
Copyright (c) 2014 HashiCorp, Inc.
```

```
>>> github.com/hashicorp/go-sockaddr-v1.0.2
```

```
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```

```
>>> github.com/hashicorp/go-memdb-v1.3.2
```

```
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```

```
>>> github.com/hashicorp/memberlist-v0.4.0
```

```
License: MPL 2.0
```

```
>>> github.com/hashicorp/serf-v0.8.5
```

```
License: MPL 2.0
```

```
----- SECTION 11: Python Software Foundation License 2.0

```

```
>>> subprocess32-3.5.4
```

```
subprocess - Subprocesses with accessible I/O streams
For more information about this module, see PEP 324.
```



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>>> defusedxml-0.7.1

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```
>>> roman-2.0.0
```

```
>>> python-3.8.10
```

```
License: Python-2.0
```

```
>>> typing-extensions-4.4.0
```

```
Found in: typing_extensions-4.4.0/LICENSE
```

```
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022 Python Software Foundation
```

#### 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, which became Zope Corporation. 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 was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived | Year | Owner | GPL- |
|---------|---------|------|-------|------|
|---------|---------|------|-------|------|

|                | from      |           |            | 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             |
| 2.1.2          | 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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>>> distlib-0.3.0

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>>> python-distro-1.4.0-1

>>> python-importlib-metadata-1.5.0-1

>>> argon2-0~20171227-0.2

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>>> requests-2.22.0-2ubuntu1

>>> python-requests-unixsocket-0.2.0-2

>>> libmaxminddb-1.4.2-0ubuntu1.20.04.1

>>> rsyslog-8.2001.0-1ubuntu1.3

>>> walinuxagent-2.2.46-0ubuntu1.2

>>> cups-2.3.1-9ubuntu1.2

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>>> cloud-init-23.1.1-0ubuntu0~20.04.1

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>>> liberror-perl-0.17029-1

>>> Perl-5.30.0

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Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs,  
Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda,  
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> MIT

unzip\_6.0.orig(1).tar.gz\unzip60.tar\unzip60\ COPYING.OLD

---

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---

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-----  
There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko

(vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/"), Steve P. Miller (Pocket UnZip GUI "wince/"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

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---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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MoreFiles

A collection of File Manager and related routines

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MacBinaryIII.h

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Basic encoding and decoding of Macintosh files to the MacBinary III spec.

-----  
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

>>> zip-3.0

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>>> cron-3.0pl1

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>>> ssl-cert-1.0.39

>>> lua-bitop-1.0.2-5

>>> lua-cjson-2.1.0+dfsg-2.1

Found in:

lua-cjson-2.1.0+dfsg-2.1/lua-cjson\_2.1.0+dfsg.orig/lua-cjson-2.1.0+dfsg/LICENSE

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>>> pigz-2.4-1

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>>> rssh-2.3.4-7

>>> libffi7-3.3-4

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>>> libxcb1-1.14-2

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>>> libncurses6-6.2-0ubuntu2

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ncurses-5.6-20080804-patch.tar  
tack-1.06.tar

>>> libedit2-3.1-20191231-1

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>>> libpsl5-0.21.0-1ubuntu1

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>>> libxmu1-1.1.3-0ubuntu1

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>>> libdb5.3-5.3.28+dfsg1-0.6ubuntu2

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```
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-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $
```

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>>> libxdmcp6-1.1.3-0ubuntu1
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```
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-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
```

>>> libtinfo6-6.2-0ubuntu2

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```

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>>> libdebconfclient0-0.251ubuntu1

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

-----  
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>>> libfido2-1-1.3.1-1ubuntu2

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>>> pyasn1-0.4.2-3build1

>>> libxdamage-1.1.5-2

>>> libyaml-0.2.2-1

>>> pyparsing-2.4.6-1



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>>> python-oauthlib-3.1.0-1ubuntu2
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```
>>> python-idna-2.8-1
```

```
>>> more-itertools-4.2.0-1build1
```

```
>>> bsdmainutils-11.1.2ubuntu3
```

```
>>> snappy-1.1.8-1build1
```

```
>>> libxrandr-1.5.2-0ubuntu1
```

```
>>> mpdecimal-2.4.2-3
```

```
>>> snowball-0+svn585-2
```

```
>>> netcat-openbsd-1.206-1ubuntu1
```

```
>>> python-packaging-20.3-1
```

```
>>> libsodium-1.0.18-1
```

```
>>> python-pyasn1-modules-0.2.1-0.2build1
```

>>> python-redis-3.3.11-2

>>> tcl8.6-8.6.10+dfsg-1

>>> libxxf86vm-1.1.4-1build1

>>> tcp-wrappers-7.6.q-30

>>> python-dateutil-2.7.3-3ubuntu1

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>>> libvorbis-1.3.6-2ubuntu1

>>> libpwquality-1.4.2-1build1

>>> blinker-1.4+dfsg1-0.3ubuntu1

>>> libxcomposite-0.4.5-1

>>> pyinotify-0.9.6-1.2ubuntu1

>>> libcap2-2.32-1

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>>> pexpect-4.6.0-1build1

>>> libxcursor-1.2.0-2

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>>> lua5.2-5.2.4-1.1build3

>>> iputils-20190709-3

>>> scowl-2018.04.16-1

>>> pyserial-3.4-5.1

>>> xorg-7.7+19ubuntu14

>>> libjsoncpp-1.7.4-3.1ubuntu2

>>> netifaces-0.10.4-1ubuntu4

>>> jansson-2.12-1build1

>>> libpng1.6-1.6.37-2

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>>> fontconfig-2.13.1-2ubuntu3

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>>> boost1.71-1.71.0-6ubuntu6

>>> pcsc-lite-1.8.26-3

>>> yajl-2.1.0-3

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>>> six-1.14.0-2
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>>> mime-support-3.64ubuntu1
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>>> python-cffi-1.14.0-1build1
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>>> google-perftools-2.7-1ubuntu2
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>>> dbus-python-1.2.16-1build1
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>>> llvm-toolchain-10-10.0.0-4ubuntu1
```

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>>> libxinerama-1.1.4-2
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>>> file-5.38-4
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>>> python3-defaults-3.8.2-0ubuntu2
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>>> xmlsec1-1.2.28-2
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>>> lcms2-2.9-4
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>>> x11-utils-7.7+5
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>>> prettytable-0.7.2-5
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>>> libogg-1.3.4-0ubuntu1
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>>> lmbd-0.9.24-1
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>>> python-json-patch-1.23-3
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>>> libpcap-1.9.1-3
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>>> libxmu-1.1.3-0ubuntu1
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>>> alabaster-0.7.8-1build1
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>>> ptyprocess-0.6.0-1ubuntu1
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>>> babeltrace-1.5.8-1build1
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>>> zope.interface-4.7.1-1
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>>> libxfixes-5.0.3-2
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>>> jquery-3.3.1~dfsg-3
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>>> sphinx-1.8.5-7ubuntu3

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>>> configobj-5.0.6-4

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>>> pypersistent-0.15.5-1build1

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>>> python-attrs-19.3.0-2

>>> libarchive-zip-perl-1.67-2

>>> libice-1.0.10-0ubuntu1

>>> ieee-data-20180805.1

>>> gcc-defaults-1.185.1ubuntu2

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>>> giflib-5.1.9-1

>>> pci.ids-0.0~2020.03.20-1

>>> libonig-6.9.4-1

>>> gflags-2.2.2-1build1

>>> python-filelock-3.0.12-2

>>> docopt-0.6.2-2.2ubuntu1

>>> luajit-2.1.0~beta3+dfsg-5.1build1

>>> norm-1.5.8+dfsg2-2build1

>>> jemalloc-5.2.1-1ubuntu1

>>> hiredis-0.14.0-6

>>> texttable-1.6.2-2

>>> python-wsgi-intercept-1.9.2-0ubuntu3

>>> python-parse-1.6.6-0.2build1

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>>> libsmi-0.4.8+dfsg2-16

>>> daemontools-0.76-7

>>> google-glog-0.4.0-1build1

>>> lua5.1-5.1.5-8.1build4

>>> json-c-0.13.1+dfsg-7ubuntu0.3

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>>> libgrypt20-1.8.5-5ubuntu1.1

>>> OpenSSL-1.1.1f

>>> logsave-1.45.5

>>> PCRE2-10.34

>>> curl-7.68.0

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>>> pcre3-8.39-12ubuntu0.1

>>> openldap-2.4.49+dfsg-2ubuntu1.9

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>>> python-pip-20.0.2-5ubuntu1.8

Found in:

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>>> tiff-4.1.0+git191117-2ubuntu0.20.04.8

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>>> base-files-11ubuntu5.7

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>>> krb5-1.17-6ubuntu4.3

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>>> sound-theme-freedesktop-0.8-2ubuntu1

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>
```

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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
```

w'.

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

----- SECTION 10: GNU General Public License, V2.0  
-----

```
>>> libnfnetlink-1.0.1
```

```
(C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
```

```
Adapted to nfnetlink by Eric Leblond <eric@inl.fr>
```

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libnfnetlink-1.0.1.tar.bz2\libnfnetlink-1.0.1.tar\libnfnetlink-1.0.1\aclocal.m4

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>>> alien-8.95

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2001 Mark A. Hershberger <mah@everybody.org>  
1997-2011 Joey Hess <joeyh@debian.org>  
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>>> hicolor-icon-theme-0.17-2

License: GPL 2.0

>>> humanity-icon-theme-0.6.15

The Humanity Icon Theme is licensed under the GPL v2.

>>> cgroup-lite-1.15

Found in:

>>> prelink-0.0.20131005-1

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Version 2, June 1991

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<one line to give the program's name and a brief idea of what it does.>
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```

```
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```

```
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```

```
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```

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```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
```

w'.

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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>>> sshpass-1.06-1

License: Apache 2.0

>>> traceroute-2.1.0-2

License: GPL 2.0

>>> hostname-3.23

hostname -- set the host name or show the host/domain name

Copyright (C) 1994-1997 Peter Tobias <tobias@et-inf.fho-emden.de>  
2009- Michael Meskes <meskes@debian.org>

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>>> sensible-utils-0.0.12+nmu1

License: GPL 2.0

>>> librtmp1-2.4+20151223.gitfa8646d.1-2build1

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<http://www.gnu.org/copyleft/gpl.html>

>>> adduser-3.118ubuntu2

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt <rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt <rb@debian.org>, and co-maintained by Marc Haber <mh+debian-packages@zugschluss.de>

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

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>>> base-passwd-3.5.47

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>>> libaudit1-2.8.5-2ubuntu6

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>>> sysvinit-utils-2.96-2.1ubuntu1



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Send patches to `sysvinit-devel@nongnu.org`

>>> `init-system-helpers-1.57`

:Manual section: 8

:Manual group: System Manager's Manual

:Author:

Miloslav Trmac <mitr@redhat.com>,  
Petter Reinholdtsen <pere@hungry.com>

:Version: Jan 2006

:Copyright: 2006 Red Hat, Inc., Petter Reinholdtsen <pere@hungry.com>

:Licence: GNU Public Licence v2 (GPLv2)

>>> `lsb-base-11.1.0ubuntu2`

LSB release detection module for Debian  
(C) 2005-10 Chris Lawrence <lawrenc@debian.org>

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>>> libaudit-common-2.8.5-2ubuntu6

audisp-int.c - Minimal linked list library for integers  
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Authors:  
Steve Grubb sgrubb@redhat.com

>>> mawk-1.3.4.20200120-2

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>>> libgpm2-1.20.7-5

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USA.

>>> net-tools-1.60+git20180626.aebd88e-1ubuntu1

>>> audit-2.8.5-2ubuntu6

>>> dh-autoreconf-19

>>> intltool-debian-0.35.0+20060710.5

>>> graphite2-1.3.13-11build1

>>> ca-certificates-java-20190405ubuntu1

>>> sgml-base-1.29.1

>>> libsigsegv-2.12-2

>>> lsb-11.1.0ubuntu2

>>> libnetfilter-contrack-1.0.7-2

>>> htop-2.2.0-2build1

>>> libnftnl-1.1.5-1

>>> bash-completion-2.10-1ubuntu1

>>> man-db-2.9.1-1

>>> fuse-2.9.9-3

>>> sbc-1.4-1

>>> elfutils-0.176-1.1build1

>>> dwz-0.13-5

>>> psmisc-23.3-1

>>> iproute2-5.5.0-1ubuntu1

>>> debhelper-12.10ubuntu1

>>> rdma-core-28.0-1ubuntu1

License : GPL 2.0

>>> xml-core-0.18+nmu1

>>> ucf-3.0038+nmu1

>>> automake-1.16-1.16.1-4ubuntu6

>>> java-common-0.72

>>> po-debconf-1.0.21

>>> iptables-1.8.4-3ubuntu2

>>> libpipeline-1.5.2-2build1

>>> shared-mime-info-1.15-1

>>> pinentry-1.1.0-3build1

>>> netbase-6.1

>>> python-igraph-0.8.0-2build1

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>>> scapy-2.4.3-4

>>> sshfs-fuse-3.6.0+repack+really2.10-0ubuntu1

>>> smem-1.5-1

>>> libkeepalive-0.3-2

>>> ifupdown-0.8.35ubuntu1

>>> uwsgi-2.0.18-11ubuntu1

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```

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>>> nsca-2.9.2-3

>>> spandsp-0.0.6+dfsg-2

>>> gobject-introspection-1.64.1-1~ubuntu20.04.1

>>> make-4.2.1-1.2

>>> packagekit-1.1.13-2ubuntu1.1

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```

```
>>> keyutils-1.6
```

```
>>> e2fsprogs-1.45.5
```

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>>> libhogweed5-3.5.1+really3.5.1
```

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```
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```

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```

w'.

```
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```

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```
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```

w'.

```
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```

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

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```

```
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Ty Coon, President of Vice
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```

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```
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```

w'.

```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
>>> xz-utils-5.2.4-1ubuntu1.1
```

```
>>> lm-sensors-3.6.0-2ubuntu1.1
```

```
Found in: lm-sensors_3.6.0.orig/lm-sensors-3-6-0/COPYING
```

```
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```

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

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```
>>> gcc-10-base-10.3.0
```

```
License : GPL 2.0
```

```
>>> libgcc-s1-10.3.0
```

```
>>> dpkg-1.19.7ubuntu3.2
```

```
>>> libip4tc2-1.8.4
```

>>> libapt-pkg6.0-2.0.9

>>> apt-2.0.9

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>>> gmp-6.2.0+dfsg-4ubuntu0.1

>>> apparmor-2.13.3-7ubuntu5.2

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```
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```

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```

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```
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```

w'.

```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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```

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```

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

```
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```

```
#
```

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```

```
>>> software-properties-0.99.9.11
```

```
Found in:
```

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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
>>> mysql-common-5.8+1.0.5ubuntu2
```

```
>>> python-apt-2.0.1ubuntu0.20.04.1
```

```
License : GPL 2.0
```

```
>>> linux-5.4.0-147.164
```

```
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```

```
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```

```
>>> grub-gfxpayload-lists-0.7
```

```
Name: grub-gfxpayload-lists
```

```
Files: *
```

```
Copyright: 2010 Canonical Ltd.
```

```
License: GPL-3+
```

```
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```
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```

>>> autotools-dev-20180224.1

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Written by Jim Meyering

>>> grep-3.4-1

Portability cruft. Include after config.h and sys/types.h.

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>>> findutils-4.7.0-1ubuntu1

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>>> coreutils-8.30-3ubuntu2

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>>> cloud-utils-0.31-7-gd99b2d76-0ubuntu1

>>> readline-8.0-4

>>> patch-2.7.6-6

>>> strip-nondeterminism-1.7.0-1

>>> gettext-0.19.8.1-10build1

>>> ubuntu-themes-19.04-0ubuntu3

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>>> dmidecode-3.2-3

>>> m4-1.4.18-4

>>> libassuan-2.5.3-7ubuntu2

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>>> autoconf-2.69-11.1

>>> libmccrypt-2.5.8-3.4

>>> zeromq3-4.3.2-2ubuntu1

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>>> parallel-20161222-1.1

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>>> autogen-5.18.16-3

>>> haveged-1.9.1-6ubuntu1

>>> less-551-1ubuntu0.1

>>> libgdbm-compat4-1.18.1-5

>>> libgdbm6-1.18.1-5

>>> gcc-10-10.3.0-1ubuntu1~20.04

>>> screen-4.8.0-1ubuntu0.1

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```

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```
>>> cpio-2.13+dfsg-2ubuntu0.3
```

```
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```

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```
<program> Copyright (C) <year> <name of author>
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```

w'.

```
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```

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```
>>> ufw-0.36-6ubuntu1
```

```
>>> gzip-1.10-0ubuntu4.1
```

```
Found in: gzip_1.10.orig/gzip-1.10/COPYING
```

```
Copyright (c) 2007 Free Software Foundation, Inc. <http://fsf.org/>
```

```
GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007
```

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>>> bash-5.0-6ubuntu1.2

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```
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```

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```
>>> libctf0-2.34
```

```
>>> libctf-nobfd0-2.34
```

```
>>> gnupg2-2.2.19-3ubuntu2.2
```

```
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```
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```

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```

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```
>>> grub2-2.04-1ubuntu26.16
```

```
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```

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```
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```

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

```
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.
```

```
This program 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 General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.
```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show
```

w'.

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

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>>> tar-1.30+dfsg-7ubuntu0.20.04.3

Found in: tar\_1.30+dfsg.orig/tar-1.30/COPYING

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The precise terms and conditions for copying, distribution and modification follow.

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To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users

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#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License,

in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

```
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```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show
```

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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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>>> rsync-3.1.3-8ubuntu0.5

Found in: rsync\_3.1.3.orig/rsync-3.1.3/COPYING

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Authors:  
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>>> libthai-0.1.28-3

>>> libaio-0.3.112-5

>>> libxcrypt-4.4.10-10ubuntu4

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>>> dconf-0.36.0-1

>>> libutempter-1.1.6-4

>>> libdatrie-0.2.12-3

>>> libmspack-0.10.1-2

>>> gsettings-desktop-schemas-3.36.0-1ubuntu1

>>> uchardet-0.0.6-3build1

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>>> libcgroup-0.41-10

>>> libpcre++-0.9.5-6.1build1

>>> geoip-1.6.12-6build1

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```
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```
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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

↑

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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library

with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

↑

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more

than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

↑

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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<one line to give the library's name and a brief idea of what it does.>
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```

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```
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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!

>>> avahi-0.7-4ubuntu7.1

Found in: avahi\_0.7.orig/avahi-0.7/LICENSE

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating

system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an

appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or

collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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```

```
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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```

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```
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library `Frob' (a library for tweaking knobs) written by James Random
```

Hacker.

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

That's all there is to it!

>>> libnettle7-3.5.1+really3.5.1

>>> alsa-lib-1.2.2-2.1ubuntu2.5

This package was debianized by Wichert Akkerman 7 Jun 1998.  
Masato Taruishi took over on 17 Oct 1999.  
Since September 2002 it has been maintained by the participants in  
the pkg-alsa project at [alioth.debian.org](http://alioth.debian.org).

Bugs in the source code (as opposed to bugs in the packaging) are best  
reported to the upstream bug tracking system:

<https://bugtrack.alsa-project.org/alsa-bug>

The source code was downloaded from the ALSA homepage:

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alsa-lib

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>>> libseccomp-2.5.1-1ubuntu1~20.04.2

Found in: `libseccomp_2.5.1.orig/libseccomp-2.5.1/LICENSE`



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Version 2.1, February 1999

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non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is

interface-compatible with the version that the work was made with.

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

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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>>> fribidi-1.0.8-2ubuntu0.1

>>> glibc-2.31-0ubuntu9.9

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>>> libatk-wrapper-java-0.37.1

>>> gstreamer1.0-1.16.3-0ubuntu1.1

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>>> ceph-15.2.17-0ubuntu0.20.04.1

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>>> qemu-4.2-3ubuntu6.24

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>>> libnl3-3.4.0-1ubuntu0.1

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Version 2.1, February 1999

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

↑

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is



normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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>>> libmpc3-1.1.0-1

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>>> pango1.0-1.44.7-2ubuntu4

>>> pygobject-3.36.0-1

>>> suds-0.8.4-1

>>> lazr.restfulclient-0.14.2-2build1

>>> python-wadllib-1.3.3-3build1

>>> gtk+2.0-2.24.32-4ubuntu4

>>> lazr.uri-1.0.3-4build1

>>> libmpfr6-4.0.2-1

Found in: mpfr-4.0.2/src/mul\_2si.c

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>>> gdb-9.2-0ubuntu1~20.04.1

>>> tdb-1.4.5-0ubuntu0.20.04.1

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>>> libcroco-0.6.13-1

>>> libsoup2.4-2.70.0-1

>>> libiscsi-1.18.0-2

>>> cairo-1.16.0-4ubuntu1

>>> atk1.0-2.35.1-1ubuntu2

>>> lvm2-2.03.07-1ubuntu1

>>> python-geoip-1.3.2-3build1

>>> glib-networking-2.64.2-1ubuntu0.1

>>> libnph0-1.6-1

>>> efivar-37-2ubuntu2.2

>>> librsvg-2.48.9-1ubuntu0.20.04.1

Found in: librsvg\_2.48.9.orig/librsvg-2.48.9/vendor/glib/LGPL

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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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↑

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charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

↑

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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↑

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That's all there is to it!

>>> policykit-1-0.105-26ubuntu1.3

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood



that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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```

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```
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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!

>>> libatk-bridge2.0-0-2.34.2

>>> libcanberra0-0.30

>>> libatspi2.0-0-2.36.0

>>> open-vm-tools-11.3.0-2ubuntu0~ubuntu20.04.3

>>> gdk-pixbuf-2.40.0+dfsg-3ubuntu0.4

>>> gnutls28-3.6.13-2ubuntu1.8

License : LGPL 2.0

----- SECTION 15: Mozilla Public License, V2.0 -----

>>> python-certifi-2019.11.28-1

>>> nspr-4.25-1

>>> bind9-libs-9.11.16+dfsg-3~ubuntu1

Found in:

bind9-libs\_9.11.16+dfsg.orig/bind-9.11.16/bin/tests/system/dyndb/driver/COPYING

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>>> bind9-9.16.1-0ubuntu2.11

```
>>> isc-dhcp-4.4.1-2.1ubuntu5.20.04.4
```

```
Found in: isc-dhcp_4.4.1.orig/dhcp-4.4.1/LICENSE
```

```
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```

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```

```
>>> ca-certificates-20211016ubuntu0.20.04.1
```

```
License : MPL 2.0
```

```
>>> nss-3.49.1-1ubuntu1.9
```

```
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```

```
>>> bind9-9.16.1-0ubuntu2.14
```

```
License : MPL 2.0
```

```
>>> vim-8.1.2269-1ubuntu5.13
```

```
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```

```
----- SECTION 16: Python Software Foundation License 2.0

```

```
>>> python-docutils-0.16+dfsg-2
```

```
>>> distlib-0.3.0-1
```

```
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.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| 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 |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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```
>>> python3-stdlib-extensions-3.8.10-0ubuntu1~20.04
```

```
>>> python3.8-minimal-3.8.10
```

```
License : Python 2.0
```

```
>>> libpython3.8-stdlib-3.8.10
```

```
>>> libpython3.8-minimal-3.8.10
```

```
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```
>>> libpython3.8-3.8.10
```

```
>>> python3.8-3.8.10-0ubuntu1~20.04.7
```

```
License : PSF 2.0
```

```
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```

```
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```

```
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```

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As used herein, "this License" refers to version 3 of the GNU Lesser  
General Public License, and the "GNU GPL" refers to version 3 of the GNU  
General Public License.

"The Library" refers to a covered work governed by this License,  
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided  
by the Library, but which is not otherwise based on the Library.  
Defining a subclass of a class defined by the Library is deemed a mode  
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an  
Application with the Library. The particular version of the Library  
with which the Combined Work was made is also called the "Linked  
Version".

The "Minimal Corresponding Source" for a Combined Work means the  
Corresponding Source for the Combined Work, excluding any source code  
for portions of the Combined Work that, considered in isolation, are  
based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the  
object code and/or source code for the Application, including any data  
and utility programs needed for reproducing the Combined Work from the  
Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License

without being bound by section 3 of the GNU GPL.

## 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

## 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

## 4. Combined Works.

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d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

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e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

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[This is the first released version of the library GPL. It is  
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General

Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not

covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those

sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application

to use the modified definitions.)

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

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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## END OF TERMS AND CONDITIONS

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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>
```

```
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version 2 of the License, or (at your option) any later version.
```

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License along with this library; if not, write to the Free
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
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You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

```
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!

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```

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```
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```

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Version 3.1, 31 March 2009

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