

IBM® TS7700 Tape Library Release 5.3.1

Other Internal Licensed Code

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The following are Other Internal Licensed Code:
ant-1.9.4
artifacts
asm-debug-all-5.0.2
AWS JSON Parser
axiom-api-1.2.2
axiom-impl-1.2.2
axis-jaxrpc-1.3
axis-saaj-1.3
axis.jar-1.4
bcel-findbugs-6.0
bootstrap-agent
bootstrap.js-3.4.1
bugCollectionCloud.jar
closure linter
com.ibm.icu-4.2.1
com.jcraft.jsch-0.1.41
commons-compress-1.13
commons-dbcp
commons-discovery-0.2
commons-el-1.0
commons-lang-2.6
commons-logging-1.0.4
commons-pool
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core.runtime-3.6.0
core.zip
crc32.tar.gz
DOHRobot-1.9.7
dojo-1.9.7
dom4j-1.6.1
dsgpl-ds.dakota-1.2.dev
enc-base64.js-3.11.2
equinox.common-3.6.0
findbugs-ant.jar
findbugs.jar
findbugsCommunalCloud.jar
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IBM TS700 Tape Library Release 5.3.1 Other internal Licensed Code

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xercesImpl-2.5.0
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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.

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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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Version 3, 29 June 2007

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Base64 version 2.3.8
billiard-3.6.1
boto3 version 1.9.142
botocore version 1.12.142
cal10n-api version 1.0
carbon-addons-cloud-4.2.0
carbon-addons-cloud-react-2.0.3
carbon-components-10.25.0
carbon-components-10.36.0
carbon-components-react-7.25.0
carbon-components-react-7.36.0
carbon-icons version 7.0.7
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celery-4.3.0
classnames-2.2.6
clipboard.js-2.0.4
CodeMirror-5.58.1
Commons-BeanUtils version 1.9.2
commons-cli version 1.2
Commons-Compress version 1.9
commons-digester-2.1
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commons-fileupload-1.4
commons-io-2.6
Commons-Lang version 2.4
Commons-Lang3 version 3.1
commons-lang3-3.8.1
Commons-Logging version 1.1.1
commons-logging-1.2
Commons-Net version 3.0.1
construct-2.10.56
core-js-3.15.2
crc32c version 1.1
cudbg_app version 1.1.14
d3-5.16.0
DH895xCC ACCEL.L version 1.0.3-7
django-2.2.17
django-auth-ldap-2.0.0
django-filter-2.4.0
django-model-utils-4.0.0
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django-rest-framework-3.11.0
downshift-5.4.7
drango-rest-framework-3.11.0
duo-unix-1.11.5
enum34 version 1.1.6
erlang-22.3.4.1
erlang-asn1-22.3.4.1
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erlang-getopt.0.1-8
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erlang-os mon-22.3.4.1
erlang-public key-22.3.4.1
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erlang-stdlib-22.3.4.1
erlang-syntax tools-22.3.4.1
erlang-tools-22.3.4.1
erlang-xmerl-22.3.4.1
es6-promise-polyfill version 1.2.0
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facebook-react-16.13.1
facebook-react-dom-16.13.1
filesystem version 3.2
flashrom version 0.9.8
flashrom-9b6fb74
focus-trap-react-6.0.0
Freemarker version 2.3.22
GETOPT version 8.3
github-markdown-css-3.0.1
gson version 2.3.1
quava-30.1.1
quice version 3.0
guice-assistedinject version 3.0
guice-multibindings version 3.0
gunicorn-20.0.4
hamcrest-core version 1.3
HMAC SHA-1 version 1.0.0
HTTPcomponents-client version 4.2.2
HTTPcomponents-core version 4.2.2
i18next-19.8.4
i18next-browser-languageDetector-4.3.1
i18next-xhr-backend-3.2.2
IBM Dojo Toolkit (IDT) version 1.7.2
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Intel PXE
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jackson-annotations-2.9.9
jackson-core-2.9.9
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java-jwt-3.15.0
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libfuse2 version 2.7.4
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metrics-core version 3.1.0
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nss version 3.28.4
nss-pem version 1.0.3
nss-softokn 3.28.3
nss-util 3.28.4
ognl-3.1.26
OGNL-3.1.26
Open iSCSI version 2.0.874
OpenPegasus version 2.13.0
openslp version 2.1.1658
OpenSSL version 1.0.2k
paho-mqtt version 1.3.1
paramiko version 2.2.1
perl version 5.16.3
perl-XML-SAX Base version 1.0.8
plendk version 6.4.0
plfc version 6.4.0
plkt version 6.4.0
plmmk version 6.4.0
plpa version 6.4.0
plsas version 6.4.0
plsq version 6.4.0
plwdk version 6.4.0
pycryptodomex-3.10.1
pyjwt-1.6.1
Python-3.6.8
python-backports-ssl_match_hostname-3.4.0
python-bottle version 0.12.6
Python-ipy version 0.83
pyvmomi-7.0.2
react-16.14.0
react-codemirror2-7.1.0
react-dom-16.14.0
react-i18next-11.8.13
react-i18next-11.8.2
react-load-script-0.0.6
react-loadable-5.5.0
react-markdown-5.0.0
react-router-dom-5.2.0
react-transition-group-4.4.2
red-black-and-interval-trees
redis-3.5.3 (python)
redis-6.0.9
regenerator-runtime version 0.12.1
remark-qfm-1.0.0
rocoto version 6.2
scst version 7021
slf4j-api version 1.7.7
Softlayer-python version 5.2.7
sqlparse-0.3.1
STEC
Struts2-tiles-plugin version 2.3.28
swagger-ui-3.44.1
tpm-tools version 1.3.8
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trousers vesion 0.3.13
use-resize-observer-6.1.0
UTF8
Velocity Tools version 1.1
vine-5.0.0
zipp-3.4.0
ZLIB QuickAssist Patch version L.0.4.3_004
ZLIB version 1.2.11
Celestica / American Megatrends Inc.:
BMC firmware,
BMC AST2500 firmware,
UEFI BIOS,
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- 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.
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Version 3, 29 June 2007

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carbon-components-10.25.0
carbon-components-10.36.0
carbon-components-react-7.25.0
carbon-components-react-7.36.0
carbon-icons version 7.0.7
Commons-BeanUtils version 1.9.2
commons-cli version 1.2
Commons-Compress version 1.9
commons-digester-2.1
Commons-Digester3 version 3.2
Commons-FileUpload version 1.3.2
commons-fileupload-1.4
commons-io-2.6
Commons-Lang version 2.4
Commons-Lang3 version 3.1
commons-lang3-3.8.1
Commons-Logging version 1.1.1
commons-logging-1.2
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erlang-crypto-22.3.4.1
erlang-cuttlefish-2.0.11
erlang-eldap-22.3.4.1
erlang-erts-22.3.4.1
erlang-eunit-22.3.4.1
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erlang-goldrush-0.2.0
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erlang-inets-22.3.4.1
erlang-kernel-22.3.4.1
erlang-lager-3.8.0
erlang-mnesia-22.3.4.1
erlang-os mon-22.3.4.1
erlang-public key-22.3.4.1
erlang-runtime_tools-22.3.4.1
erlang-sas1-22.3.4.1
erlang-snmp-22.3.4.1
erlang-ss1-22.3.4.1
erlang-stdlib-22.3.4.1
erlang-syntax tools-22.3.4.1
erlang-tools-\overline{22.3.4.1}
erlang-xmerl-22.3.4.1
Commons-Net version 3.0.1
Freemarker version 2.3.22
gson version 2.3.1
guava-30.1.1
guice version 3.0
guice-assistedinject version 3.0
guice-multibindings version 3.0
importlib metadata-1.7.0
ibm-design-icons-2.1.4
HTTPcomponents-client version 4.2.2
HTTPcomponents-core version 4.2.2
jackson-annotations-2.9.9
jackson-core-2.9.9
jackson-databind-2.9.9
java-jwt-3.15.0
iiwt-0.9.0
jwks-rsa-0.17.1
Portions of ognl-3.1.26
pyvmomi-7.0.2
rocoto version 6.2
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swagger-ui-3.44.1
Velocity Tools version 1.1
java-xmlbuilder version 1.1
jClouds version 1.9.1
metrics-core version 3.1.0
Struts2-tiles-plugin version 2.3.28

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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.

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0.9.0 thru 1.2 1.3 thru 1.5.2 1.6 2.0 1.6.1 2.1 2.0.1 2.1.1 2.1.2 2.1.3	1.2 1.5.2 1.6 1.6 2.0+1.6.1 2.0+1.6.1 2.1+2.0.1 2.1.1 2.1.2	1991-1995 1995-1999 2000 2000 2001 2001 2001 2001 2001	CWI CNRI CNRI BeOpen.com CNRI PSF PSF PSF PSF	yes yes no no yes (2) no yes yes yes yes yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Stack-less Just-In-Time compiler

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1.6.1	1.6	2001	CNRI	no	
2.1	2.0+1.6.1	2001	PSF	no	
2.0.1	2.0+1.6.1	2001	PSF	yes	
2.1.1	2.1+2.0.1	2001	PSF	yes	
2.2	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	

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Mersenne Twister

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

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

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

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The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/. ::

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Asynchronous socket services

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

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

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Select kqueue

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SipHash24

The file: `Python/pyhash.c` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. It contains the following note::

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Original location:

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

Solution inspired by code from:
Samuel Neves (supercop/crypto_auth/siphash24/little)
djb (supercop/crypto_auth/siphash24/little2)
Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

The file: Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from http://www.netlib.org/fp/. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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Jean-loup Gailly Mark Adler
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cfuhash

The implementation of the hash table used by the :mod:`tracemalloc` is based on the cfuhash project::

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- javaee_web_services_1_2.xsd
- javaee web services client 1 2.xsd
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flashrom version 0.9.8
flashrom-9b6fb74
Intel QuickAssist QAT1.7 version 4.1.0
libfuse2 version 2.7.4
mcelog 1.0.2010.03.10
mlnx-tools-ofed-scripts-5.2.0
Open iSCSI version 2.0.874
openslp version 2.1.1658
plendk version 6.4.0
plfc version 6.4.0
plkt version 6.4.0
plmmk version 6.4.0
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apr-util-1.6.3
attr-2.4.48
audit-3
babel-2.5.1
base-logos-82.0
base-rpm-config-125
bash-4.4.20
bc-1.07.1
bind-9.11.26
binutils-2.30
boost-1.66.0
brotli-1.0.6
bzip2-1.0.6
ca-certificates-2021.2.50
chkconfig-1.13
chrony-3.5
connect-proxy-1.1
coreutils-8.3
cpio-2.12
cracklib-2.9.6
cronie-1.5.2
crontabs-1.11
crypto-policies-20210209
cryptsetup-2.3.3
curl-7.61.1
cyrus-sasl-2.1.27
dbus-1.12.8
dhcp-4.3.6
diffutils-3.6
dmidecode-3.2
dnsmasq-2.79
dosfstools-4.1
```

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e2fsprogs-1.45.6
efi-rpm-macros-3
efibootmgr-16
efivar-37
elfutils-0.182
ethtool-5.8
expat-2.2.5
file-5.33
findutils-4.6.0
fipscheck-1.5.0
fstrm-0.6.0
fuse-2.9.7
gamin-0.1.10
gawk-4.2.1
gcc-8.4.1
qdbm-1.18
gettext-0.19.8
git-2.27.0
glib-networking-2.56.1
glib2-2.56.4
glibc-2.28
gmp-6.1.2
gnupg2-2.2.20
gnutls-3.6.14
grep-3.1
groff-1.22.3
grub2-2.02
gzip-1.9
hdparm-9.54
hostname-3.2
httpd-2.4.37
hwdata-0.314
initscripts-10.00.15
ipcalc-0.2.4
ipmctl-02.00.00
ipmitool-1.8.18
iproute-5.9.0
iptables-1.8.4
iputils-20180629
jansson-2.11
json-c-0.13.1
kbd-2.0.4
kernel-4.18.0
kexec-tools-2.0.20
keyutils-1.5.10
kmod-25
less-530
libarchive-3.3.3
libassuan-2.5.1
libcap-2.26
libcap-ng-0.7.9
libcroco-0.6.12
libdb-5.3.28
libedit-3.1
libestr-0.1.10
libevent-2.1.8
libfastjson-0.99.8
libffi-3.1
libgcrypt-1.8.5
libqpq-error-1.31
libgudev-232
libidn2-2.2.0
libjpeg-turbo-1.5.3
```

libksba-1.3.5 libmaxminddb-1.2.0 libmetalink-0.1.3 libmnl-1.0.4 libmodman-2.0.1 libndp-1.7 libnetfilter_conntrack-1.0.6 libnfnetlink-1.0.1 libnftnl-1.1.5 libn13-3.5.0 libns12-1.2.0 libpcap-1.9.1 libpng-1.6.34 libproxy-0.4.15 libps1-0.20.2 libpwquality-1.4.4 libreport-2.9.5 libseccomp-2.5.1 libselinux-2.9 libsemanage-2.9 libsepol-2.9 libsigsegv-2.11 libsodium-1.0.16 libsoup-2.62.3 libssh-0.9.4 libtasn1-4.13 libtirpc-1.1.4 libunistring-0.9.9 libusb-0.1.5 libusbx-1.0.23 libuser-0.62 libutempter-1.1.6 libverto-0.3.0 libxcrypt-4.1.1 libxm12-2.9.7 libxslt-1.1.32 libyaml-0.1.7 lksctp-tools-1.0.18 lm sensors-3.4.0 logrotate-3.14.0 lvm2-1.02.175 1z4-1.8.3 1zo-2.08 m4-1.4.18mailcap-2.1.48 mailx-12.5mcelog-173 mdadm-4.1mpfr-3.1.6 mstflint-4.15.0 ncurses-6.1 ndctl-71.1 net-snmp-5.8 net-tools-2 nettle-3.4.1 NetworkManager-1.30.0 nftables-0.9.3 nghttp2-1.33.0 nginx-1.18.0 npth-1.5numactl-2.0.12 nvme-cli-1.12 OpenIPMI-2.0.29

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openldap-2.4.46
openslp-2.0.0
openssh-8.0p1
openssl-1.1.1q
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p11-kit-0.23.22
pam-1.3.1
parted-3.2
pciutils-3.7.0
pcre-8.42
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perl-Compress-Raw-Zlib-2.081
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perl-Encode-2.97-3
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perl-File-Path-2.15
perl-File-Temp-0.230.600
perl-Filter-1.58
perl-Getopt-Long-2.5
perl-GSSAPI-0.28
perl-Hash-Merge-Simple-0.051
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perl-HTML-Tagset-3.2
perl-HTTP-Cookies-6.04
perl-HTTP-Cookies-6.04-2
perl-HTTP-Date-6.02
perl-HTTP-Message-6.18
perl-HTTP-Message-6.18-1
perl-HTTP-Negotiate-6.01
perl-HTTP-Tiny-0.074
perl-IO-Compress-2.081
perl-IO-HTML-1.001
perl-IO-Socket-IP-0.39
perl-IO-Socket-SSL-2.066
perl-IPC-SysV-2.07
perl-JSON-2.97.001
perl-LDAP-0.66
perl-libnet-3.11-3
perl-Locale-Codes-3.57-1
perl-Math-BigInt-1.9998.11-7
perl-Math-BigInt-FastCalc-0.500.600-6
perl-MIME-Base64-3.15
perl-Module-Build-0.42.24-5
perl-Net-HTTP-6.17
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perl-Net-HTTP-6.17-2
perl-Net-SSLeay-1.88
perl-Net-SSLeay-1.88-1
perl-parent-0.237
perl-PathTools-3.74
perl-Perl-OSType-1.01
perl-PerlIO-via-QuotedPrint-0.08
perl-Pod-Checker-1.73
perl-Pod-Escapes-1.07
perl-Pod-Parser-1.63
perl-Pod-Perldoc-3.28
perl-Pod-Simple-3.35
perl-Pod-Usage-1.69
perl-podlators-4.11
perl-podlators-4.11-1
perl-Scalar-List-Utils-1.49
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Version 2, June 1991

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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.

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

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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.)

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- 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.
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Version 3, 29 June 2007

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

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Part No: 816-1331-11
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Network Working Group Request for Comments: 2104 Category: Informational H. Krawczyk IBM M. Bellare UCSD R. Canetti IBM February 1997

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Parts of nss.c are derived from the Mozilla NSS 3.9.2 source, mozilla/security/nss/cmd/smimetools/cmsutil.c. Therefore:

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, 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.

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2.1.3 2.2 a	nd above	2.1.2 2.1.1	2002 2001-now	PSF PSF	yes yes	

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There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding _in an apparatus that performs LZW encoding_, but the patent appears to exempt a standalone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

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 Licence. 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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A collection of File Manager and related routines

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MacBinaryIII.h

Copyright 1997 Christopher Evans (cevans@poppybank.com)

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."

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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.

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(XPM - X PixMap format version 2 & 3)

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perl-HTTP-Date-6.02
perl-HTTP-Message-6.18
perl-HTTP-Negotiate-6.01
perl-HTTP-Tiny-0.074
perl-IO-Compress-2.081
perl-IO-HTML-1.001
perl-IO-Socket-IP-0.39
perl-IO-Socket-SSL-2.066
perl-IPC-SysV-2.07
perl-JSON-2.97.001
perl-LDAP-0.66
perl-MIME-Base64-3.15
perl-Net-HTTP-6.17
perl-Net-SSLeay-1.88
perl-parent-0.237
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#* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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libmodman-2.0.1
libndp-1.7
libn13-3.5.0
libns12-1.2.0
libproxy-0.4.15
libseccomp-2.5.1
libsemanage-2.9
libsepol-2.9
libsoup-2.62.3
libssh-0.9.4
libtasn1-4.13
libusb-0.1.5
libusbx-1.0.23
libuser-0.62
libutempter-1.1.6
libxcrypt-4.1.1
lksctp-tools-1.0.18
mpfr-3.1.6
nettle-3.4.1
npth-1.5
numactl-2.0.12
OpenIPMI-2.0.29
polkit-0.115
procps-ng-3.3.15
python-chardet-3.0.4
python-paramiko-2.4.3
rpm-4.14.3
systemd-239
xz-5.2.4
```

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gmp-6.1.2 libidn2-2.2.0 libunistring-0.9.9

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