

CA XCOM™ Data Transport® for UNIX and Linux

Release Notes

r11.5



Second Edition

This Documentation, which includes embedded help systems and electronically distributed materials, (hereinafter referred to as the "Documentation") is for your informational purposes only and is subject to change or withdrawal by CA at any time.

This Documentation may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA. This Documentation is confidential and proprietary information of CA and may not be disclosed by you or used for any purpose other than as may be permitted in (i) a separate agreement between you and CA governing your use of the CA software to which the Documentation relates; or (ii) a separate confidentiality agreement between you and CA.

Notwithstanding the foregoing, if you are a licensed user of the software product(s) addressed in the Documentation, you may print or otherwise make available a reasonable number of copies of the Documentation for internal use by you and your employees in connection with that software, provided that all CA copyright notices and legends are affixed to each reproduced copy.

The right to print or otherwise make available copies of the Documentation is limited to the period during which the applicable license for such software remains in full force and effect. Should the license terminate for any reason, it is your responsibility to certify in writing to CA that all copies and partial copies of the Documentation have been returned to CA or destroyed.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CA PROVIDES THIS DOCUMENTATION "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL CA BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in the Documentation is governed by the applicable license agreement and such license agreement is not modified in any way by the terms of this notice.

The manufacturer of this Documentation is CA.

Provided with "Restricted Rights." Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

Copyright © 2012 CA. All rights reserved. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

CA Technologies Product References

This document references the following CA Technologies products:

- CA XCOM™ Data Transport® for Gateway Release 11.6

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At <http://ca.com/support>, you can access the following resources:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

Providing Feedback About Product Documentation

If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

To provide feedback about CA Technologies product documentation, complete our short customer survey which is available on the CA Support website at <http://ca.com/docs>.

Contents

Chapter 1: New Features 7

Bookshelf Interface	7
CA XCOM Data Transport GUI	8
Metatransfers.....	9
History Records	11
History Command Option (-c7)	12
Symbolic Variables	14
CA Easytrieve Reports	14
Transfer Control (XTC)	15
SMTP Email Notification	16
Block Level I/O	16
Encryption at Rest	17
Gateway Bridge	18
Trusted Access Database.....	19
PAM-Based Authentication	19
New Parameters.....	19

Chapter 2: Unicode and Multi-Byte Character Set Support for Data Transfer 21

Installation Changes	22
CA Licensing.....	22
New Cipher Suites for SSL Transfers.....	23
Cipher Suites Supported in TLSv1 when FIPS_MODE=NO	24
Cipher Suites Supported in TLSv1 when FIPS_MODE=YES	25
Cipher Suites Supported in SSLv3.....	25
User Interfaces Stabilized	25

Chapter 3: Documentation 27

Documentation Changes	27
-----------------------------	----

Chapter 4: Third-Party Acknowledgements and License Agreements 29

activation 1.1.....	30
Apache SSHD 0.5.0	37
BSAFE Crypto-C ME 2.1.0.2	41
GCC 3.3.3	42
HP-UX JRE 6.0.02	48

InstallAnywhere 2009 Enterprise	53
InstallShield 2009	61
JavaBeans Activation Framework 1.1.....	69
JavaHelp 2.0_05	76
Linux-PAM-1.1.3	78
OpenSSL 0.9.7g.....	79
pam-userpass 1.0.2	81
Sun JDK 1.6.0	82
Sun JRE 1.6.0_16	88
UnixODBC	93

Index	103
--------------	------------

Chapter 1: New Features

The *Release Notes* for CA XCOM Data Transport Gateway documents both new features and changes to existing features for Release 11.6. This section describes new features added to the product.

This section contains the following topics:

- [Bookshelf Interface](#) (see page 7)
- [CA XCOM Data Transport GUI](#) (see page 8)
- [Metatransfers](#) (see page 9)
- [History Records](#) (see page 11)
- [Symbolic Variables](#) (see page 14)
- [CA Easytrieve Reports](#) (see page 14)
- [Transfer Control \(XTC\)](#) (see page 15)
- [SMTP Email Notification](#) (see page 16)
- [Block Level I/O](#) (see page 16)
- [Encryption at Rest](#) (see page 17)
- [Gateway Bridge](#) (see page 18)
- [Trusted Access Database](#) (see page 19)
- [PAM-Based Authentication](#) (see page 19)

Bookshelf Interface

The documentation page for your product on <http://ca.com/support> now lets you view the entire documentation set for your product from a bookshelf that does not need to be downloaded. You can use the bookshelf to easily navigate from one book to another book in your documentation set, or search the entire bookshelf.

CA XCOM Data Transport GUI

This release introduces the CA XCOM Data Transport Graphical User Interface (GUI), providing a common user interface for CA XCOM Data Transport on the following platforms:

- UNIX and Linux
- Windows

The GUI provides access to all of the features of CA XCOM Data Transport. From the GUI you can do the following:

- Create and edit CA XCOM Data Transport transfer configuration files
- Initiate transfers
- Monitor the log and trace functions
- Update the status of active and pending transfers
- Get the history of transfer records
- Save the history of transfer records in tab delimited form to produce an Easytrieve report or export to Excel

Users in the UNIX and Linux Administrator Group can also do the following:

- Trusted transfer configuration
- Global parameter configuration

The CA XCOM Data Transport GUI is the front-end for CA XCOM Data Transport. You use this GUI to communicate with the CA XCOM Data Transport server. All requests, such as scheduling transfers and getting history records, are passed to the CA XCOM Data Transport server using the TCP/IP interface. Results obtained are returned to the GUI.

The CA XCOM Data Transport GUI runs standalone with minimal configuration.

For more information about the CA XCOM Data Transport GUI, see the following:

- The *CA XCOM Data Transport for UNIX and Linux User Guide*
- The GUI online help

Metatransfers

This release supports metatransfers, that is, transfers containing control information.

Using metatransfers allows you to do the following:

- Schedule transfers to a remote CA XCOM Data Transport server running r11.5, using the `-c5` option.
- Schedule inquire transfers to a remote CA XCOM Data Transport server running r11.5, using the `-c6` option.
- Retrieve history records to a remote CA XCOM Data Transport server running r11.5, using the `-c7` option. For more information, see History Command Option (`-c7`) in this chapter.

Note: If the remote server is z/OS, it can be either r11 or r11.5.

You can perform metatransfers across the following mainframe and distributed platforms:

- z/OS
- UNIX and Linux
- Windows

The following parameters have been added or updated to support metatransfers and to allow z/OS and UNIX parameters to be used in Windows:

- AGE—Specifies the number of days of history records that are retained when a purge procedure is executed.
- CKPT (alias of CHECKPOINT_COUNT)—Defines how often (based on record count) the sending system requests a checkpoint to be taken.
- CODE (alias of CODE_FLAG)—Identifies the type of data being transferred.
- DROPSESS—Indicates whether CA XCOM Data Transport drops an LU-to-LU session at the conclusion of a scheduled file transfer.
- EPRTY—Indicates the execution priority for the request on the remote z/OS system.
- FILE (alias of REMOTE_FILE)—The name of the file on the remote system that is being transferred.
- FILEDATA—Indicates how a remote USS file is allocated on the remote z/OS system when performing a receive file transfer on the local Windows system.
- GROUP—Valid only on a metatransfer (`-c5`); the group ID to use on the CA XCOM Data Transport system receiving a metatransfer.
- HIST_FILE—The name of the file to contain the history records returned by the inquire function (`-c6`) or when retrieving history records (`-c7`).

- **HOLD_TRANSFER**—Prevents a QUEUE=YES transfer from starting until explicitly released.
- **INQ_FILE**—Specifies the complete path and file name that will contain the information required to do an inquire on a transfer (-c6).
- **INQ_WAIT**—Specifies how long CA XCOM Data Transport should wait (in hours (*hh*), minutes (*mm*), and seconds (*ss*)) for transfers to complete when doing an inquire on a transfer (-c6).
- **IPNAME** (alias of REMOTE_SYSTEM)—For TCP/IP protocols, the name of the remote system that receives a file, job, or report.
- **IPPORT** (alias of PORT)—The number of the TCP/IP port on the remote CA XCOM Data Transport server.
- **LDOMAIN**—The domain associated with LUSERID and LPASSWORD, if the target system is Windows, when handling a metatransfer (-c5) or a history record retrieval transfer (-c7).
- **LFILE** (alias of LOCAL_FILE)—The name of the file on the local system that is being transferred.
- **LIST**—Valid only on a metatransfer (-c5); the list ID to use on the CA XCOM Data Transport system receiving a metatransfer.
- **LPASS** (alias of LPASSWORD)—The password of the local user to be validated on the CA XCOM Data Transport server handling a metatransfer (-c5) or a history record retrieval transfer (-c7).
- **LU**—Valid only on a metatransfer (-c5); the LU to use on the CA XCOM Data Transport system receiving a metatransfer.
- **LUSER** (alias of LUSERID)—The user ID to use on the CA XCOM Data Transport system receiving a metatransfer (-c5) or a history record retrieval transfer (-c7).
- **PROGLIB**— Specifies the PDSE program library for a transfer to a CA XCOM Data Transport for z/OS system.
- **RELEASE**—Valid for both normal schedules and metatransfers when the remote partner is z/OS. Tells CA XCOM Data Transport for z/OS to release unused DASD space.
- **RNOTIFY** (alias of NOTIFYR and NOTIFY)—Specifies the remote user notification type when sending data to a remote system.
- **RNOTIFYNAME** (alias of NOTIFY_NAME and NOTIFYNAME)—Specifies the remote user notification type when sending data to a remote system.
- **SECURE_SCHEDULE**—Specifies whether the metatransfer (-c5, -c6, or -c7) uses SSL.
- **SPRTY**—Indicates the scheduling priority of a metatransfer request.
- **STARTDATE** (alias of START_DATE, but with extra functionality)—Specifies the date when the transfer is to begin. Used only when QUEUE=YES.
- **STARTTIME** (alias of START_TIME, but with extra functionality)—Specifies the time when the transfer is to begin. Used only when QUEUE=YES.

- STCIP—Specifies the IP address of the CA XCOM Data Transport server to handle the metatransfer (-c5, -c6, or -c7).
- STCPORT—Specifies the TCP/IP port number of the CA XCOM Data Transport server to handle the metatransfer request (-c5, -c6, or -c7).
- SYSUDATA (alias of USER_DATA)—An open field where a user can specify any text associated with the transfer.
- TDUDATA (alias of TRANSFER_USR_DATA)—An open field where a user can specify any text associated with the transfer.
- TRANSFER_ID (alias of TRANSFER_NAME)—Allows the user to enter information to identify the file transfer request.
- TRANSFER_NAME (alias of TRANSFER_ID)—Allows the user to enter information to identify the file transfer request.
- TRUNCATE (alias of TRUNCATION)—Indicates whether CA XCOM Data Transport truncates excess characters in the source file if the record exceeds the maximum record length.
- USER—Valid only on a metatransfer (-c5); the user ID to use on the CA XCOM Data Transport system receiving a metatransfer.

For more information, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

History Records

This release supports history records, produced at the end of a transfer and written to a database. History records allow you to view transfer details even after transfers are completed and removed from the queue.

The history database feature allows you to specify a database management system to which CA XCOM Data Transport is to write history records. You can use either of the following products for this database management system:

- MySQL freeware
- IBM's DB2

This feature also provides for getting history records and returning them to the requestor from the GUI with the use of history filter fields. In addition, the GUI allows the history records that are returned to be exported into a comma separated (CSV) format or into a format that a CA Easytrieve report can be generated from.

Support for two new groups, XCOMADM and XCOMSADM, has also been added to control what history records a user is authorized to view.

For more information about history records, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

History Command Option (-c7)

The new **-c7** command option allows you to retrieve history records.

This command accepts a history filter file in XML format or CNF format and creates a file of the matching history records in a format that a CA Easytrieve report can be generated from.

To generate the history filter file in XML format, use the Export button on the Get History Records page of the GUI.

To create a history filter file in CNF format, you can specify the following new parameters:

- **OEDATE**—Limits the history request to only those file transfers that were scheduled or completed on or before the end date and time.
- **OETIME**—Limits the history request to only those file transfers that were scheduled or completed on or before the end date and time.
- **OFILETYPE**—Limits the history request to those transfers with the specified FILETYPE.
- **OFLMAX**—Limits the history request to only those file transfers where the number of bytes transferred is equal to or less than the value specified.
- **OFLMIN**—Limits the history request to only those file transfers where the number of bytes transferred is equal to or greater than the value specified.
- **OID**—Limits the history request to only those file transfers with a specific transfer ID. The transfer ID is a user-defined identifier for file transfer requests.
- **OINIT**—Limits the history request to only locally initiated transfers or only remotely initiated transfers.
- **OLIMIT**—Sets the maximum number of history records that can be returned.
- **OLOCATN**—Limits the history request to transfers in one of the following locations:
 - Transfers that have been completed and have been stored in a database
 - Transfers still in the queue
- **OLMSG**—Limits the history request by the transfer's last message.
- **OLU**—Limits the history request to only those file transfers with a specific remote LU name.
- **OREQ**—Limits the history request to only those file transfers that contain this specific request number.
- **OSDATE**—Limits the history request to only those file transfers that were scheduled or completed on or after the start date and time.
- **OSTIME**—Limits the history request to only those file transfers that were scheduled or completed on or after the start date and time.

- OSYSID—Limits the history request to only those file transfers executed on the specified system ID.
- OSYSNAME—Limits the history request to only those file transfers executed on the specified system name.

Note: OSYSNAME and OSYSID together uniquely identify a CA XCOM Data Transport r11.5 server

- OTNAME—Limits the history request to only those file transfers with a specific remote TCP/IP name or TCP/IP address.
- OTYPE—Specifies if the history request should include active transfer requests, inactive transfer requests, or completed transfers.
- OTYPEREQ—Limits the history request to only send transfers or only receive transfers.
- OUSER—Limits the history request to only those file transfers submitted by a specific user.

For more information about using the -c7 option, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

For more information about using the Export button, see the *CA XCOM Data Transport GUI Online Help*.

Symbolic Variables

Symbolic variables let you store transfer parameters in control files with variable data that is resolved to other values at schedule time or at transfer time, depending on the specific parameter.

The following standard symbolic parameters are supplied with CA XCOM Data Transport:

- **&DATE(*format-code*)**—Causes the current date to be substituted dynamically in the current keyword value. The format of the date depends on the format code that is selected as a sub-parameter.
- **&ID**—Causes the value entered for ID to be substituted dynamically in the current keyword value.
- **&IPNAME**—Causes the value entered for IPNAME to be substituted dynamically in the current keyword value.
- **&LU**—Causes the value entered for LU to be substituted dynamically in the current keyword value.
- **&LUSER**—Causes the current local logged on user ID to be substituted dynamically in the current keyword value.
- **&TIME(*format-code*)**—Causes the current time to be substituted dynamically in the current keyword value. The format of the time depends on the format code that is selected as a sub-parameter.
- **&USERID**—Causes the current remote user ID to be substituted dynamically in the current keyword value.

No setup is required to use the pre-defined variables that are integrated as part of CA XCOM Data Transport. If you place these variables in the parameter data set for a transfer, CA XCOM Data Transport resolves them when performing that transfer.

For more information, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

CA Easytrieve Reports

You can now run CA Easytrieve reports that are prebuilt and supplied by the CA XCOM Data Transport product install. The input records for the reports are the common history records.

The use of CA Easytrieve reports is limited to the CA XCOM Data Transport for HP-UX PA RISC platforms.

For more information, see the sample code in the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Transfer Control (XTC)

CA XCOM Data Transport Transfer Control (XTC) parameters are used to handle dependencies between multiple transfers. For example, one transfer must complete in a certain way before another can start. They provide the means by which interdependent transfer requests can be defined and processed as a single group. A transfer request belonging to such a group can cause another transfer request in the same group to be held, purged, or released (either conditionally or unconditionally) from the transfer request queue.

The following XTC parameters have been added:

- **HOLD**—Prevents a TYPE=SCHEDULE transfer from starting until explicitly released.
- **HOLDCOUNT**—Associates a number with a transfer request that is incremented or decremented by the successful or unsuccessful completion of other transfer requests. As long as the number is greater than 0, the transfer is not released.
- **XCERRDECR**—Specifies the transfer requests for which the HOLDCOUNT parameter value is decremented when the current transfer completes unsuccessfully.
- **XCERRINCR**—Specifies the transfer requests for which the HOLDCOUNT parameter value is incremented if the current file transfer fails.
- **XCERRPURGE**—Specifies the transfer requests to be purged if the transfer concludes unsuccessfully.
- **XCERRREL**—Specifies the transfers to be released if the current transfer completes unsuccessfully.
- **XCGOODDECR**—Indicates an XTCNET job whose hold count decrements if the file transfer completes successfully.
- **XCGOODINCR**—Indicates the transfer requests whose HOLDCOUNT parameter is incremented when the current file transfer completes successfully.
- **XCGOODPURGE**—Specifies the transfer requests to be purged when the current file transfer completes successfully.
- **XCGOODREL**—Specifies the transfer requests to be released if the current file transfer concludes successfully.
- **XTCJOB**—Defines the name of a transfer request belonging to the group of interdependent transfer requests named through the XTCNET parameter.
- **XTCNET**—Defines the name of a group of interdependent transfer requests.

For more information, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

SMTP Email Notification

You can now use SMTP instead of MAPI for email notification of transfer completion.

The following parameters have been introduced to support SMTP email notification:

- MAIL_TYPE—Specifies the type of MAIL server used for sending mail notifications.
- SMTP_SERVER —Specifies the name of the SMTP server.

For more information, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Block Level I/O

CA XCOM Data Transport uses record level I/O to read and write records to/from disk. To improve read/write I/O times, the I/O routines now perform block level I/O whenever possible.

The following new parameters have been introduced to support block level I/O:

- CACHE_READ_SZ
- CACHE_WRITE_SZ

For more information, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Encryption at Rest

CA XCOM Data Transport currently provides the ability to encrypt data during transmission (SSL). However, when the data reaches the receiving CA XCOM Data Transport system the resulting file is written in plain text. This release provides encryption at rest, which works as follows:

- The local CA XCOM Data Transport system reads an encrypted input file, decrypts the file, and transfers the data to the partner.
- The remote CA XCOM Data Transport system receives a data transfer and writes the output file as an encrypted file.

The following new local/remote pairs of parameters have been added for encryption at rest:

- LEAR_CIPHER/EAR_CIPHER—Indicates which encryption algorithm is to be used.
- LEAR_DIGEST/EAR_DIGEST—Indicates the digest value to be matched with the generated digest. You must have already generated a digest value on the input file.
- LEAR_HASH/EAR_HASH—Indicates which digest algorithm is to be used.
- LEAR_KEY/EAR_KEY—Indicates the symmetric encryption key to be used to encrypt/decrypt.

For more information about these parameters, see the *CA XCOM Data Transport for UNIX and Linux) User Guide*.

Gateway Bridge

This release provides a Gateway Bridge to facilitate communication between the following two servers:

- CA XCOM Data Transport
- CA XCOM Gateway

When about to read or write a file, the CA XCOM Data Transport server checks whether the file it wants to access or create is Gateway-related, that is, whether it resides or is to reside in a CA XCOM Gateway staging area. If so, the CA XCOM Data Transport server contacts the allied CA XCOM Gateway server to determine both of the following:

- The physical location of the file
- Hashing and encryption requirements

Each CA XCOM Data Transport server is configured to identify a single (if any) allied CA XCOM Gateway server, whose file staging areas must be accessible to this CA XCOM Data Transport server.

For more information about the Gateway Bridge, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Trusted Access Database

In r11.5, the CA XCOM Data Transport Trusted Access facility has been changed, so that it works the same way across platforms. The trusted database feature allows you to specify a database management system in which CA XCOM Data Transport is to store the trusted records. You can use either of the following products for this database management system:

- MySQL freeware
- IBM's DB2

Two relational database tables are used to store trusted user authentication information:

XCOM_TRUSTED_SYS table

The XCOM_TRUSTED_SYS table contains the name of the remote SYSTEM_NAME from which the trusted transfer will be initiated.

XCOM_TRUSTED_USERS table

The XCOM_TRUSTED_USERS table contains the remote SYSTEM_NAME and the USER_NAME.

For more information about the Trusted Access Database, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

PAM-Based Authentication

The Pluggable Authentication Modules (PAM) library is a generalized API for authentication-related services. Starting with r11.5 maintenance level 11112, administrators have an option to select PAM-based authentication, such as SYSTEM or LDAP on a UNIX server.

New Parameters

This section describes the new parameters used for PAM-based authentication.

AUTH_TYPE

Specifies the type of authentication (PAM or SYSTEM) to be used for transfers.

PAM_PATH

Specifies the path to your PAM library for your current UNIX or Linux platform.

For more information about these parameters, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Chapter 2: Unicode and Multi-Byte Character Set Support for Data Transfer

Before the advent of Unicode, a significant number of character sets were devised to permit the representation of symbols used in the Chinese, Japanese, Korean, and Taiwanese (CJK) languages. Today, Unicode is favored and there is an ongoing transition from these legacy character sets to Unicode encodings, most notably UTF-8 and UTF-16.

Many CJK legacy multibyte character sets are ASCII based, as is the case for the most commonly used Unicode encodings (as an example, UTF-8, UTF-16).

In the IBM mainframe (predominantly EBCDIC) world however composite character sets are commonly employed, involving a Shift-in/Shift-out encoding method. This encoding mechanism enables a single-byte ASCII or EBCDIC character-set to be used for the representation of Latin characters, in tandem with a multibyte character set for the representation of non-Latin characters. Shift-in and shift-out control characters are then inserted in the data stream to signal a switch between the two embedded character sets. The CCSID 937 character set combines an EBCDIC single byte character-set with a Traditional Chinese multibyte character set. While the CCSID 938 character set combines an ASCII single byte character-set with the same Traditional Chinese multibyte character set.

CA XCOM Data Transport currently performs data transfers utilizing one of three data formats – ASCII, EBCDIC, or Binary.

This enhancement allows for transmission of text files that are encoded using multi-byte character sets, including in-flight conversion of data between different character sets. Two additional data formats can be specified for the CODE_FLAG parameter to allow for transmission of these files. In addition, new parameters have been added to the CA XCOM Data Transport global parameters and configuration parameters. These parameters allow you to specify the local and remote character sets to be used for file data conversion and actions for dealing with unconvertible characters.

CA XCOM Data Transport is utilizing the ICU (International Components for Unicode) toolkit to perform data conversion functions. For information on the ICU toolkit, please refer to the ICU website <http://site.icu-project.org/>.

The CODE_FLAG parameter allows for two new data formats – UTF8 and UTF16. When one of these formats is specified for a transfer, data is converted to that format for transmission to the remote partner.

The LOCAL_CHARSET and REMOTE_CHARSET parameters specify the character-set of the local and remote files for the transfer. These parameters are used in conjunction with CODE_FLAG=UTF8 or CODE_FLAG=UTF16 to perform the conversion of data. If not specified for the transfer, they default to the value specified for the DEFAULT_CHARSET global parameter.

In order to handle conversion issues between character sets, additional parameters MBCS_INPUTERROR and MBCS_CONVEERROR specify what action is taken in the event of a character being encountered cannot be converted. The sending partner uses MBCS_INPUTERROR and specifies to either replace the character with a replacement character or fail the transfer. The receiving partner uses MBCS_CONVEERROR and specifies to either replace the character with a replacement character or fail the transfer. If not specified the value of DEFAULT_INPUTERROR and DEFAULT_CONVEERROR global parameters will be used.

Parameters LOCAL_DELIM and REMOTE_DELIM specify the encoding scheme that the corresponding character-set uses and a list of delimiters which exists within the data as record separators.

This section contains the following topics:

[Installation Changes](#) (see page 22)

[CA Licensing](#) (see page 22)

[New Cipher Suites for SSL Transfers](#) (see page 23)

[User Interfaces Stabilized](#) (see page 25)

Installation Changes

CA Licensing

This release uses CA Licensing to ensure that the installed version of CA XCOM Data Transport is properly licensed.

Note: For more information about using CA Licensing, see the *CA XCOM Data Transport Installation Guide*.

New Cipher Suites for SSL Transfers

When a TLS or SSL connection is established, the client and server negotiate a cipher suite, exchanging cipher suite codes in the client hello and server hello messages. The cipher suite specifies a combination of cryptographic algorithms to be used for the connection.

By default, a strong cipher suite is set in `ConfigSSL.cnf`, as follows:

```
[SSL_METHOD]
INITIATE_SIDE = v3
RECEIVE_SIDE  = v3
# Optional
[CIPHER]
INITIATE_SIDE = ALL:!ADH:!LOW:!EXP:MD5:@STRENGTH
RECEIVE_SIDE  = ALL:!ADH:!LOW:!EXP:!MD5:@STRENGTH
```

You can use various other suites, depending on whether you are using TLSv1 or SSLv3.

For more information about using cipher suites, see the *CA XCOM Data Transport for UNIX and Linux User Guide*.

Cipher Suites Supported in TLSv1 when FIPS_MODE=NO

The following cipher suites are supported in TLSv1 when FIPS_MODE=NO:

- DHE-RSA-AES256-SHA
- DHE-DSS-AES256-SHA
- AES256-SHA
- EDH-RSA-DES-CBC3-SHA
- EDH-DSS-DES-CBC3-SHA
- DES-CBC3-SHA
- DHE-RSA-AES128-SHA
- DHE-DSS-AES128-SHA
- AES128-SHA
- RC4-SHA
- RC4-MD5
- EDH-RSA-DES-CBC-SHA
- EDH-DSS-DES-CBC-SHA
- DES-CBC-SHA
- EXP-EDH-RSA-DES-CBC-SHA
- EXP-EDH-DSS-DES-CBC-SHA
- EXP-DES-CBC-SHA
- EXP-RC2-CBC-MD5
- EXP-RC4-MD5

Cipher Suites Supported in TLSv1 when FIPS_MODE=YES

The following cipher suites are supported in TLSv1 when FIPS_MODE=YES:

- DHE-RSA-AES256-SHA
- DHE-DSS-AES256-SHA
- AES256-SHA
- EDH-RSA-DES-CBC3-SHA
- EDH-DSS-DES-CBC3-SHA
- DES-CBC3-SHA
- DHE-RSA-AES128-SHA
- DHE-DSS-AES128-SHA
- AES128-SHA

Cipher Suites Supported in SSLv3

SSLv3 can be used only with FIPS_MODE=NO. It uses the same cipher suites as TLSv1 with FIPS_MODE=NO.

User Interfaces Stabilized

This release introduces the CA XCOM Data Transport Graphical User Interface (GUI), providing a common user interface for CA XCOM Data Transport on the following platforms:

- Windows
- UNIX and Linux

The GUI provides access to all of the features of CA XCOM Data Transport, and the former user interfaces for these platforms are no longer necessary.

The following user interfaces are still included in CA XCOM Data Transport r11.5:

- xcomnt.exe (for Windows)
- xcomtool (for UNIX and Linux)

However, they have been stabilized, ready to be removed from the next release.

For more information about the new GUI, see CA XCOM Data Transport GUI in the chapter "New Features."

Chapter 3: Documentation

This section contains the following topics:

[Documentation Changes](#) (see page 27)

Documentation Changes

There have been changes in the structure of some of the documentation and one document added to the document set.

The documents in this release are:

- CA XCOM Data Transport for Gateway Release Notes
- CA XCOM Data Transport for Gateway Product Guide
- CA XCOM Data Transport for Gateway Message Reference Guide

Chapter 4: Third-Party Acknowledgements and License Agreements

This chapter provides acknowledgments for third-party software used with CA XCOM Data Transport for Gateway.

This section contains the following topics:

- [activation 1.1](#) (see page 30)
- [Apache SSHD 0.5.0](#) (see page 37)
- [BSAFE Crypto-C ME 2.1.0.2](#) (see page 41)
- [GCC 3.3.3](#) (see page 42)
- [HP-UX JRE 6.0.02](#) (see page 48)
- [InstallAnywhere 2009 Enterprise](#) (see page 53)
- [InstallShield 2009](#) (see page 61)
- [JavaBeans Activation Framework 1.1](#) (see page 69)
- [JavaHelp 2.0_05](#) (see page 76)
- [Linux-PAM-1.1.3](#) (see page 78)
- [OpenSSL 0.9.7g](#) (see page 79)
- [pam-userpass 1.0.2](#) (see page 81)
- [Sun JDK 1.6.0](#) (see page 82)
- [Sun JRE 1.6.0_16](#) (see page 88)
- [UnixODBC](#) (see page 93)

activation 1.1

A. Sun Microsystems, Inc. ("Sun") ENTITLEMENT for SOFTWARE Licensee/Company:
Entity receiving Software.

Effective Date: Date of delivery of the Software to You.

Software: JavaBeans Activation Framework 1.1.

License Term: Perpetual (subject to termination under the SLA).

Licensed Unit: Software Copy.

Licensed unit Count: Unlimited.

Permitted Uses:

1. You may reproduce and use the Software for Individual, Commercial, or Research and Instructional Use for the purposes of designing, developing, testing, and running Your applets and application("Programs").
2. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software's documentation, You may reproduce and distribute portions of Software identified as a redistributable in the documentation ("Redistributable"), provided that:
 - a. you distribute Redistributable complete and unmodified and only bundled as part of Your Programs,
 - b. your Programs add significant and primary functionality to the Redistributable,
 - c. you distribute Redistributable for the sole purpose of running your Programs,
 - d. you do not distribute additional software intended to replace any component(s) of the Redistributable,
 - e. you do not remove or alter any proprietary legends or notices contained in or on the Redistributable.
 - f. you only distribute the Redistributable subject to a license agreement that protects Sun's interests consistent with the terms contained in this Agreement, and
 - g. you agree to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Redistributable.

3. Java Technology Restrictions. You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Sun in any naming convention designation.

B. Sun Microsystems, Inc. ("Sun") SOFTWARE LICENSE AGREEMENT

READ THE TERMS OF THIS AGREEMENT ("AGREEMENT") CAREFULLY BEFORE OPENING SOFTWARE MEDIA PACKAGE. BY OPENING SOFTWARE MEDIA PACKAGE, YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCESSING SOFTWARE ELECTRONICALLY, INDICATE YOUR ACCEPTANCE OF THESE TERMS BY SELECTING THE "ACCEPT" BUTTON AT THE END OF THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS, PROMPTLY RETURN THE UNUSED SOFTWARE TO YOUR PLACE OF PURCHASE FOR A REFUND OR, IF SOFTWARE IS ACCESSED ELECTRONICALLY, SELECT THE "DECLINE" (OR "EXIT") BUTTON AT THE END OF THIS AGREEMENT. IF YOU HAVE SEPARATELY AGREED TO LICENSE TERMS

("MASTER TERMS") FOR YOUR LICENSE TO THIS SOFTWARE, THEN SECTIONS 1-5 OF THIS AGREEMENT ("SUPPLEMENTAL LICENSE TERMS") SHALL SUPPLEMENT AND SUPERSEDE THE MASTER TERMS IN RELATION TO THIS SOFTWARE.

1. Definitions.

- a. "Entitlement" means the collective set of applicable documents authorized by Sun evidencing your obligation to pay associated fees (if any) for the license, associated Services, and the authorized scope of use of Software under this Agreement.
- b. "Licensed Unit" means the unit of measure by which your use of Software and/or Service is licensed, as described in your Entitlement.
- c. "Permitted Use" means the licensed Software use(s) authorized in this Agreement as specified in your Entitlement. The Permitted Use for any bundled Sun software not specified in your Entitlement will be evaluation use as provided in Section 3.
- d. "Service" means the service(s) that Sun or its delegate will provide, if any, as selected in your Entitlement and as further described in the applicable service listings at www.sun.com/service/servicelist.
- e. "Software" means the Sun software described in your Entitlement. Also, certain software may be included for evaluation use under Section 3.
- f. "You" and "Your" means the individual or legal entity specified in the Entitlement, or for evaluation purposes, the entity performing the evaluation.

2. License Grant and Entitlement.

Subject to the terms of your Entitlement, Sun grants you a nonexclusive, nontransferable limited license to use Software for its Permitted Use for the license term. Your Entitlement will specify

- a. Software licensed,
- b. the Permitted Use,
- c. the license term, and
- d. the Licensed Units.

Additionally, if your Entitlement includes Services, then it will also specify the (e) Service and (f) service term. If your rights to Software or Services are limited in duration and the date such rights begin is other than the purchase date, your Entitlement will provide that beginning date(s).

The Entitlement may be delivered to you in various ways depending on the manner in which you obtain Software and Services, for example, the Entitlement may be provided in your receipt, invoice or your contract with Sun or authorized Sun reseller. It may also be in electronic format if you download Software.

3. Permitted Use.

As selected in your Entitlement, one or more of the following Permitted Uses will apply to your use of Software. Unless you have an Entitlement that expressly permits it, you may not use Software for any of the other Permitted Uses. If you don't have an Entitlement, or if your Entitlement doesn't cover additional software delivered to you, then such software is for your Evaluation Use.

- a. Evaluation Use. You may evaluate Software internally for a period of 90 days from your first use.
- b. Research and Instructional Use. You may use Software internally to design, develop and test, and also to provide instruction on such uses.
- c. Individual Use. You may use Software internally for personal, individual use.
- d. Commercial Use. You may use Software internally for your own commercial purposes.
- e. Service Provider Use. You may make Software functionality accessible (but not by providing Software itself or through outsourcing services) to your end users in an extranet deployment, but not to your affiliated companies or to government agencies.

4. Licensed Units.

Your Permitted Use is limited to the number of Licensed Units stated in your Entitlement. If you require additional Licensed Units, you will need additional Entitlement(s).

5. Restrictions.

- a. The copies of Software provided to you under this Agreement are licensed, not sold, to you by Sun. Sun reserves all rights not expressly granted.
- b. You may make a single archival copy of Software, but otherwise may not copy, modify, or distribute Software. However if the Sun documentation accompanying Software lists specific portions of Software, such as header files, class libraries, reference source code, and/or redistributable files, that may be handled differently, you may do so only as provided in the Sun documentation.
- c. You may not rent, lease, lend or encumber Software.
- d. Unless enforcement is prohibited by applicable law, you may not compile, or reverse engineer Software.
- e. The terms and conditions of this Agreement will apply to any Software updates, provided to you at Sun's discretion, that replace and/or supplement the original Software, unless such update contains a separate license.
- f. You may not publish or provide the results of any benchmark or comparison tests run on Software to any third party without the prior written consent of Sun.
- g. Software is confidential and copyrighted.
- h. Unless otherwise specified, if Software is delivered with embedded or bundled software that enables functionality of Software, you may not use such software on a stand-alone basis or use any portion of such software to interoperate with any program(s) other than Software.
- i. Software may contain programs that perform automated collection of system data and/or automated software updating services. System data collected through such programs may be used by Sun, its subcontractors, and its service delivery partners for the purpose of providing you with remote system services and/or improving Sun's software and systems.
- j. Software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility and Sun and its licensors disclaim any express or implied warranty of fitness for such uses.
- k. No right, title or interest in or to any trademark, service mark, logo or trade name of Sun or its licensors is granted under this Agreement.

6. Term and Termination.

The license and service term are set forth in your Entitlement(s). Your rights under this Agreement will terminate immediately without notice from Sun if you materially breach it or take any action in derogation of Sun's and/or its licensors' rights to Software. Sun may terminate this Agreement should any Software become, or in Sun's reasonable opinion likely to become, the subject of a claim of intellectual property infringement or trade secret appropriation. Upon termination, you will cease use of, and destroy, Software and confirm compliance in writing to Sun. Sections 1, 5, 6, 7, and 9-15 will survive termination of the Agreement.

7. Java Compatibility and Open Source.

Software may contain Java technology. You may not create additional classes to, or modifications of, the Java technology, except under compatibility requirements available under a separate agreement available at www.java.net.

Sun supports and benefits from the global community of open source developers, and thanks the community for its important contributions and open standards-based technology, which Sun has adopted into many of its products.

Please note that portions of Software may be provided with notices and open source licenses from such communities and third parties that govern the use of those portions, and any licenses granted hereunder do not alter any rights and obligations you may have under such open source licenses, however, the disclaimer of warranty and limitation of liability provisions in this Agreement will apply to all Software in this distribution.

8. Limited Warranty.

Sun warrants to you that for a period of 90 days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Sun's entire liability under this limited warranty will be at Sun's option to replace Software media or refund the fee paid for Software. Some states do not allow limitations on certain implied warranties, so the above may not apply to you. This limited warranty gives you specific legal rights. You may have others, which vary from state to state.

9. Disclaimer of Warranty.

UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

10. Limitation of Liability.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In no event will Sun's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose. Some states do not allow the exclusion of incidental or consequential damages, so some of the terms above may not be applicable to you.

11. Export Regulations.

All Software, documents, technical data, and any other materials delivered under this Agreement are subject to U.S. export control laws and may be subject to export or import regulations in other countries. You agree to comply strictly with these laws and regulations and acknowledge that you have the responsibility to obtain any licenses to export, re-export, or import as may be required after delivery to you.

12. U.S. Government Restricted Rights.

If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions).

13. Governing Law.

Any action related to this Agreement will be governed by California law and controlling U.S. federal law. No choice of law rules of any jurisdiction will apply.

14. Severability.

If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate.

15. Integration.

This Agreement, including any terms contained in your Entitlement, is the entire agreement between you and Sun relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party.

Please contact Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, California 95054 if you have questions.

Apache SSHD 0.5.0

Portions of this product include software developed by the Apache Software Foundation (<http://www.apache.org/>). The Apache software is distributed in accordance with the following license agreement.

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
 - a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
 - b. You must cause any modified files to carry prominent notices stating that You changed the files; and
 - c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

- d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

BSAFE Crypto-C ME 2.1.0.2

This product uses BSAFE Crypto-C ME 2.1.0.2
(<http://www.rsasecurity.com/node.asp?id=1317>).

Cryptographic Engine OEM License Agreement signed

March 29, 2000, amended June 30, 2005 on file in Corporate Business Development.

GCC 3.3.3

This product contains GCC 3.3.3 (<http://gcc.gnu.org>).

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright © 1989, 1991 Free Software Foundation, Inc. 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

You may copy and distribute verbatim copies of the Program's 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 give any other recipients of the Program a copy of this License along with the Program.

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.

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

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

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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 Program.

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

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

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; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, 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 executable. 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.

If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

HP-UX JRE 6.0.02

This product uses HP-UX JRE 6.0.02
(<http://www.hp.com/products1/unix/java/java2/sdkrte14/infolibrary/index.html>).

LEGAL NOTICE - READ BEFORE DOWNLOADING OR OTHERWISE USING THIS SOFTWARE.

ATTENTION: USE OF THE SOFTWARE IS SUBJECT TO THE HP SOFTWARE LICENSE TERMS SET FORTH BELOW, THIRD PARTY SOFTWARE LICENSE TERMS FOUND IN THE THIRDPARTYLICENSEREADME.TXT FILE AND THE "HP PRODUCT 'AS-IS' WARRANTY STATEMENT" FOR THIS SOFTWARE PROVIDED TO YOU AS A SEPARATE DOCUMENT (collectively, the "License Terms").

BY CHECKING THE BOX NEXT TO "Yes, I have read and accept the software license terms for this order.", OR BY COPYING, INSTALLING OR OTHERWISE USING THE SOFTWARE, YOU INDICATE YOUR ACCEPTANCE OF AND AGREE TO BE BOUND BY AND COMPLY WITH THE LICENSE TERMS.

IF YOU DO NOT AGREE TO ALL SUCH TERMS AND CONDITIONS AND DO NOT PLACE A CHECK IN THE APPLICABLE BOX, THEN (A) HP GRANTS YOU NO LICENSE TO THE SOFTWARE, (B) YOU MAY NOT COPY, INSTALL, OR OTHERWISE USE THE SOFTWARE, AND (C) UPON PROMPT RETURN OF THE SOFTWARE TO HP YOU WILL RECEIVE A FULL REFUND OF ANY APPLICABLE LICENSE FEES ACTUALLY PAID BY YOU.

For the purpose of this Agreement, "Software" means the software programs and related documentation you download in connection with these License Terms and any enhancements or updates thereto delivered or made available to you by HP.

License grant

HP grants you a license to Use one copy of the Software. "Use" means storing, loading, installing, executing, or displaying the Software internally for the purpose of developing and running Java technology applets and applications on Java SE-enabled HP computers. You may not modify the Software or disable any licensing or control features of the Software.

Ownership

The Software is owned and copyrighted by HP or its third party suppliers. Your license confers no title or ownership in the Software and is not a sale of any rights in the Software. HP's third party suppliers are intended beneficiaries under these License Terms and may protect their rights in the Software in the event of infringement.

Third Party Code

Some third-party code embedded or bundled with the Software is licensed to you under different terms and conditions as set forth in the THIRDPARTYLICENSEREADME.txt file. In addition to any terms and conditions of any third party license identified in the THIRDPARTYLICENSEREADME.txt file, the disclaimer of warranty and limitation of liability provisions contained in the "AS IS" Warranty Statement shall apply to all code distributed as part of or bundled with the Software.

Source Code

Software may contain source code that, unless expressly licensed for other purposes, is provided solely for reference purposes pursuant to the terms of this license. Source code may not be redistributed unless expressly provided for in these License Terms.

Copies and Adaptations

Except as specifically permitted in these License Terms, you may only make copies or adaptations of the Software for archival purposes or when copying or adaptation is an essential step in the authorized Use of the Software. You must reproduce all copyright notices in the original Software on all copies or adaptations. You may not remove, deface or obscure any Software product identification, copyright notices or proprietary notices.

No disassembly or decryption

You may not modify, reverse engineer, disassemble or decompile the Software without HP's prior written consent. Where you have other statutory rights, you will provide HP with reasonably detailed information regarding any intended modifications, reverse engineering disassembly or decompilation. You may not decrypt the Software unless decryption is a necessary part of the operation of the Software.

Restricted Uses

You acknowledge the Software is not designed or intended for use in on-line control of aircraft, air traffic, aircraft navigation, or aircraft communications; or in the design, construction, operation or maintenance of any nuclear facility. HP disclaims any express or implied warranty of fitness for such uses.

Termination

HP may terminate your license upon notice for failure to comply with any of these License Terms. Upon termination, you must immediately destroy the Software, together with all copies, adaptations and merged portions in any form.

Export requirements

The Software may contain cryptography technology. Some countries regulate the import, use and/or export of certain products with cryptography. HP makes no claims as to the applicability of local country import, use and/or export regulations in relation to the download of the Software. If you are located outside the U.S. and Canada you are advised to consult your local country regulations to insure compliance.

You may not export or re-export the Software or any copy or adaptation in violation of any applicable laws or regulations.

Without limiting the generality of the foregoing, the Software may not be exported, reexported, transferred or downloaded to or within (or to a national resident of) countries under U.S. economic embargo including the following countries:

Cuba, Iran, Iraq, Libya, North Korea, Sudan and Syria.

This list is subject to change.

The Software may not be exported, reexported, transferred or downloaded to persons or entities listed on the U.S. Department of Commerce Denied Persons List, Entity List of proliferation concern or on any U.S. Treasury Department Designated Nationals exclusion list, or to parties directly or indirectly involved in the development or production of nuclear, chemical, biological weapons or in missile technology programs as specified in the U.S. Export Administration Regulations (15 CFR 744).

By accepting these License Terms you confirm that you are not located in (or a national resident of) any country under U.S. economic embargo, not identified on any U.S. Department of Commerce Denied Persons List, Entity List or Treasury Department Designated Nationals exclusion list, and not directly or indirectly involved in the development or production of nuclear, chemical, biological weapons or in missile technology programs as specified in the U.S. Export Administration Regulations.

U.S. government restricted rights

The Software has been developed entirely at private expense. The Software is delivered and licensed as "commercial computer software" as defined in DFARS 252.227-7013 (Oct 1988), DFARS 252.211-7015 (May 1991) or DFARS 252.227-7014 (Jun 1995), as a "commercial item" as defined in FAR2.101(a), or as "Restricted computer software" as defined in FAR 52.227-19 (Jun 1987)(or any equivalent agency regulation or contract clause), whichever is applicable. You have only those rights provided for such Software by the applicable FAR or DFARS clause or the HP standard software agreement for the product involved. The owner is Hewlett-Packard Company, 3000 Hanover Street, Palo Alto, California 94304.

License to Distribute the JRE

If the Software includes the Java Runtime Environment (also referred to in older versions of the Software as the Runtime Environment or "RTE") (the "JRE"), you are granted a non-exclusive, non-transferable, limited license without fees to reproduce and distribute the JRE, provided that: (i) you distribute the JRE complete and unmodified (except as expressly permitted in the "README" file which accompanies the Software) and only bundled as part of, and for the sole purpose of running, Java technology applets and applications on Java SE-enabled HP computers, (ii) such Java technology applets and/or applications add significant and primary functionality to the Software, (iii) you do not distribute additional software intended to replace any component(s) of the Software, (iv) you do not remove or alter any proprietary legends or notices contained in the Software, (v) you only distribute the JRE subject to a license agreement that protects HP and its suppliers' interests consistent with the terms contained in these License Terms, and (vi) you agree to defend and indemnify HP and its suppliers from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from your use or distribution of the Software.

License to Distribute Redistributables

If the Software includes the Java Development Kit ("JDK") or the Software Development Kit ("SDK"), you are granted a non-exclusive, non-transferable, limited license without fees to reproduce and distribute those files specifically identified as redistributable in the Software "README" file ("Redistributables") provided that: (i) you distribute the Redistributables complete and unmodified, and only bundled as part of Java technology applets and/or applications on Java SE-enabled HP computers, (ii) such Java technology applets and/or applications add significant and primary functionality to the Redistributables, (iii) you do not distribute additional software intended to supersede any component(s) of the Redistributables (unless otherwise specified in the applicable README file), (iv) you do not remove or alter any proprietary legends or notices contained in or on the Redistributables, (v) you only distribute the Redistributables pursuant to a license agreement that protects HP and its suppliers' interests consistent with the terms contained in these License Terms, and (vi) you agree to defend and indemnify HP and its suppliers from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from your use or distribution of the Software.

Java Technology Restrictions

You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Sun in any naming convention designation.

General Terms

You may not assign, delegate, or otherwise transfer these terms and conditions or any rights or obligations hereunder without prior written consent from HP. Any such attempted assignment, delegation, or other transfer will be null and void, and HP may terminate these License Terms in the event thereof. These License Terms shall be construed in accordance with the laws of the State of California, without regard to conflict of laws principles. The United Nations Convention on Contracts for the International Sale of Goods does not apply. If any term or provision herein is determined to be illegal or unenforceable, the validity or enforceability of the remainder of the terms or provisions herein will remain in full force and effect. Failure or delay in enforcing any right or provision of these License Terms shall not be deemed a waiver of such right or provision with respect to any subsequent breach. Except as specified herein, these License Terms constitute the entire agreement between you and HP, and supersede any previous communications, representations or agreements between the parties, whether oral or written, regarding transactions hereunder. Your additional or different terms and conditions will not apply. These License Terms terms and conditions may not be changed except by a written amendment signed by an authorized representative of each party.

InstallAnywhere 2009 Enterprise

This product includes InstallAnywhere 2009 Enterprise
(<http://www.flexerasoftware.com/>).

END-USER LICENSE AGREEMENT -- InstallAnywhere®

IMPORTANT-READ CAREFULLY: This End-User License Agreement (“Agreement”) is a legal contract between you (either (a) an individual user or (b) a business organization (“you”) and Licensor (as designated below) for the InstallAnywhere software, including any associated media, printed materials and electronic documentation (the “Software”).

By clicking on the “I ACCEPT” button, by opening the package that contains the Software, or by copying, downloading, accessing or otherwise using the Software, you agree to be bound by the terms of this Agreement and you represent that you are authorized to enter into this Agreement on behalf of your corporate entity (if applicable). If you do not wish to be bound by the terms of this Agreement, click the “I DO NOT ACCEPT” button, and do not install, access or use the Software.

As used herein, for users in Japan, “Licensor” means Flexera Software GK, a Godo Kaisha organized under the laws of Japan; for users in Europe, Middle East, or Africa, “Licensor” means Flexera Software Ltd., a private company limited by shares and incorporated in England and Wales with company number 6524874; for users outside of the countries listed above, “Licensor” means Flexera Software, Inc., a Delaware corporation.

EVALUATION SOFTWARE

If you have received the Software for purposes of evaluation, regardless of how labeled, the use of the Software is limited to a specified period of time, as detailed in the email accompanying the download instructions (the “Evaluation Period”) and all use will be governed by the terms set forth below.

1. **Grant of License.** Licensor grants you a limited, personal, internal use, non-exclusive, non-transferable license to use the Software solely to evaluate its suitability for your internal business requirements during the Evaluation Period. Without limiting the foregoing, you may not use the Software during the Evaluation Period to create publicly distributed computer software or for any other commercial purpose. This license may be terminated by Licensor at any time upon notice to you and will automatically terminate, without notice, upon the first to occur of the following: (a) the completion of your evaluation of the Software or (b) the expiration of the Evaluation Period.

2. Limited Use Software. Portions of the full-use version of the Software may be withheld or unusable and use of the Software may require accessing portions of the Software remotely through the Internet. Full use of the Software may be restricted by technological protections.

3. Disclaimer of Warranty. THE SOFTWARE IS PROVIDED ONLY FOR EVALUATION PURPOSES ON AN "AS IS" BASIS. LICENSOR EXPRESSLY DISCLAIMS ALL WARRANTIES, REPRESENTATIONS AND CONDITIONS INCLUDING THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.

4. Limitation of Liability. IN NO EVENT WILL LICENSOR BE LIABLE FOR ANY DAMAGES, INCLUDING LOST PROFITS OR DATA, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OR INABILITY TO USE THE SOFTWARE OR ANY DATA SUPPLIED THEREWITH, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY OTHER PARTY. In no case will Licensor's liability for damages hereunder exceed fifty dollars (US \$50). For Users Outside of the United States, Canada or Mexico LICENSOR DOES NOT LIMIT OR EXCLUDE ITS LIABILITY FOR DEATH OR PERSONAL INJURY CAUSED BY ITS NEGLIGENCE

SOFTWARE LICENSE

1. Grant of License. Upon your payment of the fees shown on the invoice and acceptance of this Agreement, Licensor grants you a limited, personal, non-exclusive license to install and use the Software on the terms and conditions set forth herein.

Node-Locked Licenses: If you have licensed under the node-locked model, your license grant is as follows. You may install and use one copy of the Software on a single computer only for your internal business purposes. A node-locked license is limited to use by a single individual on a single computer; sharing of node-locked licenses between individuals sharing a computer is not allowed, unless each individual accessing or using the Software has acquired a license for the Software. For the avoidance of doubt, a license is required for each individual user of the Software on a computer, even if such user is logging into a common or shared account.

Node Locked Licenses may be used by You in a virtualized environment, provided that the number of virtualized images used does not exceed the total number of Node-Locked Licenses You have acquired and provided that the Node-Locked license is not used concurrently, in conjunction with or contemporaneously with the virtualized image.

Concurrent Licenses: If you have licensed under the concurrent licensing model, you may install the Software on any machine for your internal business purposes only. The number of machines that may use the Software concurrently at any time will be governed by the number of concurrent licenses specified on the original invoice. All machines using the Software must have the ability to communicate with a license server to be authorized to use the Software.

For the avoidance of doubt, if the Software is installed or accessed through a network, in any form, You must purchase additional licenses for each user that accesses the Software through the network.

You may make one back up and/or archival copy of the Software.

2. Restrictions on Use of Software. You may not (a) make the Software available for use by others in any service bureau or similar arrangement; (b) distribute, sublicense, transfer, or lend the Software to any third party; or (c) disassemble or reverse engineer (except in European Union countries, to the extent allowed by law) the Software or (d) copy or adapt the Software for the purpose of error correction or making derivative works. You may copy the Software solely for backup/archival purposes, provided that you include all copyright and similar rights notices. Licensor (or its licensor) retains all right, title, and interest in the Software (and in all copies). Unauthorized copying and modification of the Software is not permitted.

If you have a license to the InstallAnywhere Collaboration or InstallAnywhere Enterprise, you may use the Software for the purposes of creating unit test installations for your own exclusive use. You may use the software as a plug-in to the Eclipse Open Source IDE. Licensor is not licensing to you any right, title, and interest with respect to the Eclipse Open Source IDE; your use of the Eclipse Open Source IDE is subject to your acceptance of the terms and conditions of the end-user license agreement from Eclipse Foundation for that product.

You acknowledge that the Software does or will contain license management functionality, including but not limited to node-locking, user counting, expiring licenses, silent activations (with or without user intervention) and the like. Licensor asserts that its use of such license management functionality is generally limited to ensuring adherence to its license agreements/models and not generally for purposes of “self-help.”

3. Shared Use on a Single Computer. Subject to the exceptions set forth herein, a copy of the Software installed on a single common machine may be shared for internal use by your employees, provided that a license has been purchased for each individual user.

4. Redistributable Files. The Software component parts may not be separated for use on more than one computer, except as set forth in this Agreement. You may copy the files specifically identified in the documentation as “redistributables” and redistribute such files to your end users of your products, provided that: (a) all such distribution is done solely with the redistributables as an integral part of your software installations; (b) all copies of the redistributables must be exact and unmodified; and (c) you grant your end users a limited, personal, non-exclusive and non-transferable license to use the redistributables only to the extent required for the permitted operation of your products and not to distribute them further. You will reproduce with the redistributables all applicable trademark and copyright notices that accompany the Software, but you may not use Licensor's name, logos or trademarks to market your products.

5. Limited Warranty and Disclaimer of Warranty. Licensor warrants that:

- a. it has the right and authority to grant the rights described in this Agreement, and;
- b. the Software, as provided, will substantially perform the functions described in the documentation when operated in the intended environment for a period of ninety (90) days from the date of delivery (the "Warranty Period").

THE WARRANTIES ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS EXPRESS OR IMPLIED. LICENSOR EXPRESSLY DISCLAIMS ANY WARRANTIES AND/OR CONDITIONS OF NON-INFRINGEMENT, MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Licensor does not warrant that the Software will (a) achieve specific results, (b) operate without interruption, or (c) be error free.

6. Ownership. This Agreement does not convey to you any rights of ownership in the Software. All right, title, and interest in the Software and in any ideas, know-how, and programs which are developed by Licensor in the course of providing any technical services, including any enhancements or modifications made to the Software, shall at all times remain the property of Licensor or its licensor. You acknowledge and agree that the Software is licensed, not sold. You shall not permit the Software to be accessed or used by anyone other than your employees whose duties require such access or use.

You will not remove, modify or alter any of Licensor's copyright, trademark or proprietary rights notices from any part of the Software, including but not limited to any such notices contained in the physical and/or electronic media or documentation, in the Setup Wizard dialogue or about boxes, in any of the runtime resources and/or in any web-presence or web-enabled notices, code or other embodiments originally contained in or otherwise created by the Software, or in any archival or back-up copies, if applicable.

7. Assignment/Transfer of Software. You may not, by operation of law or otherwise, transfer any license rights or other interests in Evaluation Software, or Software labeled "Not for Resale" or "NFR." You may transfer the license granted hereunder, on a permanent basis, provided that such transfer is the result of a merger, acquisition or other corporate action (such as a divestiture), and (i) you permanently and wholly transfer all your rights under this Agreement; (ii) you retain no copies (whole or partial); (iii) you permanently and wholly transfer all of the Software (including component parts, media, printed materials, upgrades, prior versions, and authenticity certificates); and (iv) the transferee agrees to abide by all the terms of this Agreement. You may not transfer this license or the Software directly or indirectly for purposes of convenience such as consignment, without Licensor's prior written consent.

For the avoidance of doubt, transfers which are the result of employee turnover or reassignment are allowed, provided that such transfers do not occur more than frequently than annually.

8. Limitation of Remedy and Liability. During the Warranty Period, in the event of any breach of the warranty outlined in Section 5b above, Licensor's (and its suppliers), entire liability and your exclusive remedy will be, at Licensor's option, to either, repair or replace the defective Software.

NEITHER LICENSOR NOR ITS LICENSOR, IF ANY, SHALL BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGE TO SYSTEMS OR DATA, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. LICENSOR'S LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO EVENT EXCEED THE AMOUNT OF LICENSE FEES THAT YOU HAVE PAID.

For Users within Europe, the Middle East or Africa, No person who is not a party to this Agreement shall be entitled to enforce any terms of the same under the Contracts (Rights of Third Parties) Act 1999.

LICENSOR DOES NOT LIMIT OR EXCLUDE ITS LIABILITY FOR DEATH OR PERSONAL INJURY CAUSED BY ITS NEGLIGENCE.

9. Maintenance Services. If ordered by you and upon payment of the applicable fee, you are entitled to receive technical support services, including corrections, fixes and enhancements to the Software as such are made generally available (the "maintenance services") from Licensor in accordance with Licensor's then-current maintenance terms for the applicable maintenance level purchased by you.

Maintenance services will not include any releases of the Software which Licensor determines to be a separate product or for which Licensor charges its customers extra or separately.

10. Upgrades. If the Software is an upgrade or update to a previous version of the Software, You must possess a valid license to such previous version in order to use such upgrade or update. After You install such update or upgrade, You may continue to use any such previous version in (and the upgrade or update) accordance with its end-user license agreement only if, (a) the previous versions or copies thereof are not transferred to another party or machine unless all copies of the update or upgrade are also transferred to such party or machine and (b) You acknowledge that any obligation Licensor may have to support the previous version(s) may be ended upon the availability of the upgrade or update. Upgrades and updates may be licensed to you by Licensor with additional or different terms.

Unauthorized Use and Validation of Use.

IN ORDER TO PROTECT THE SOFTWARE FROM UNAUTHORIZED USE AND IN ORDER TO CONFIRM YOUR COMPLIANCE WITH THE LICENSE GRANTS AND RESTRICTIONS SET FORTH IN THIS AGREEMENT, THE SOFTWARE CONTAINS A VALIDATION PROCEDURE WHICH MAY TRANSMIT YOUR IP ADDRESS AND/OR APPLICABLE LICENSE KEY RELATING TO THE SOFTWARE TO LICENSOR. IF THE SOFTWARE DETECTS ANY VIOLATION OF THE TERMS OF THIS AGREEMENT, YOU MAY BE CONTACTED BY LICENSOR REGARDING YOUR USE OF THE SOFTWARE AND/OR YOU MAY BE UNABLE TO USE THE SOFTWARE AND/OR CREATE UNRESTRICTED INSTALLER PRODUCTS UNTIL THE PROBLEM IS CORRECTED. IF YOU ARE UNABLE TO USE THE SOFTWARE AND/OR CREATE UNRESTRICTED INSTALLER PRODUCTS, YOU SHOULD IMMEDIATELY CONTACT LICENSOR.

12. Reports. Within thirty (30) days following Licensor's written request, and no more frequently than twice in any twelve (12) month period, you shall provide Licensor with a written statement certifying that you are not using copies of the Software in violation of this Agreement.

13. Verification/Audits. On Licensor's reasonable request, You will furnish Licensor with a signed statement confirming whether the Software is being used by You in accordance with this Agreement. Further during the term of this Agreement and for one (1) year thereafter, Licensor may, upon five (5) business days advance written notice to You, audit You for the purpose of verifying Your compliance with this Agreement. You understand and agree that the audit may take place in person or Licensor may use technological means to perform such audit. You agree to provide Licensor will all reasonable assistance required hereunder.

14. Usage Data. You understand that Licensor may utilize technology which gathers information about Your computer system, however, such data is used solely for the purpose of understanding machine types and other system-oriented information and does not contain any personally identifiable information of You.

15. Dual-Media Software. You may receive the Software in more than one medium (electronic and on a CD, for example). Receipt of the Software in more than a single manner (electronic or on a CD, for example) does not expand the license rights granted to you hereunder. Your use of the Software is limited to the number of licenses that you have acquired overall, regardless of number or type of media on which it has been provided.

16. U.S. Government Restricted Rights. The Software and Documentation are provided as "Commercial Computer Software" or "restricted computer software". Use, duplication, or disclosure by the U.S. Government or a U.S. Government subcontractor is subject to the restrictions set forth in 48.C.F.R. Section 12.212 or 48 C.F.R 227.2702, as applicable or successor provisions. The manufacturer is Flexera Software, Inc., 1000 East Woodfield Road, Suite 400, Schaumburg, IL 60173 USA.

17. U. S. Export Restrictions. You will fully comply with all relevant export laws and regulations, including but not limited to the U.S. Export Administration Regulations and Executive Orders ("Export Controls"). You warrant that you are not a person, company or destination restricted or prohibited by Export Controls ("Restricted Person"). You will not, directly or indirectly, export, re-export, divert, or transfer the Software, any portion thereof or any materials, items or technology relating to Licensor's business or related technical data or any direct product thereof to any Restricted Person.

18. Termination. Your license may be terminated by Licensor if (a) you fail to make payment and/or (b) you fail to comply with the terms of this Agreement within ten (10) days after receipt of written notice of such failure. In the event of termination, you must cease using the Software, destroy all copies of the Software (including copies in storage media) and certify such destruction to Licensor. This requirement applies to all copies in any form, partial or complete. Upon the effective date of any termination, you relinquish all rights granted under this Agreement.

19. Relationship of Parties. You and Licensor are independent parties. Nothing in this Agreement shall be construed as making you an employee, agent or legal representative of Licensor.

20. No Third-Party Beneficiaries. There are no third-party beneficiaries of this Agreement.

21. Controlling Law. For users in Japan, this Agreement will be governed by the laws of Japan; for users in Europe, Middle East, or Africa, this Agreement will be governed by the laws of England and Wales and you submit to the jurisdiction of the courts of England and Wales; for users outside the countries listed above, this Agreement will be governed by the laws of California, USA, excluding conflicts of law. This Agreement is not subject to the United Nations Convention on Contracts for the Sale of Goods.

22. Company Name. Licensor may include your company name in a list of Licensor customers.

23. Payment Terms/Shipments. For users in Japan, all fees are in non-refundable Japanese Yen. For users in Europe, Middle East or Africa, all fees are in the currency outlined in the quote/invoice and are non-refundable. For users in any region not outlined, all fees are in non-refundable US Dollars. Fees are due within 30-days of the date of the invoice.

If you have ordered Maintenance services you may renew the applicable services for the Software for the next annual period for the amount specified on the original invoice for the Software. All shipments of any media will be FOB Origin.

24. Taxes. All fees do not include taxes. If Licensor is required to pay any sales, use, GST, VAT, or other taxes in connection with your order, other than taxes based on Licensor's income, such taxes will be billed to and paid by you.

You will make all payments of fees to Licensor free and clear of, and without reduction for, any withholding taxes; any such taxes imposed on payments of fees to Licensor will be your sole responsibility and consequently the amount of such fees will be increased such that the net fee received by Licensor will be the same as if such withholding taxes were not imposed, and you will provide Licensor with official receipts issued by the appropriate taxing authority, or such other evidence as the Licensor may reasonably request, to establish that such taxes have been paid.

25. Entire Agreement. This Agreement constitutes the complete and entire understanding and agreement of all terms, conditions and representations between you and Licensor with respect to the Software and may be modified only in writing by both parties. No term or condition contained in your purchase order will apply unless expressly accepted by Licensor in writing. Failure to prosecute a party's rights will not constitute a waiver of any other breach.

If any provision of this Agreement is found to be invalid, it will be enforced to the extent permissible and the remainder of this Agreement will remain in full effect.

This Agreement has been written in the English language and you waive any rights you may have under the law of your country or province to have this Agreement written in any other language.

InstallShield 2009

This product includes InstallShield 2009 (<http://www.flexerasoftware.com/>).

END-USER LICENSE AGREEMENT -- InstallShield®

IMPORTANT-READ CAREFULLY: This End-User License Agreement (“Agreement”) is a legal contract between you (either (a) an individual user or (b) a business organization (“you”) and Licensor (as designated below) for the InstallShield software, including any associated media, printed materials and electronic documentation (the “Software”).

By clicking on the “I ACCEPT” button, by opening the package that contains the Software, or by copying, downloading, accessing or otherwise using the Software, you agree to be bound by the terms of this Agreement and you represent that you are authorized to enter into this Agreement on behalf of your corporate entity (if applicable). If you do not wish to be bound by the terms of this Agreement, click the “I DO NOT ACCEPT” button, and do not install, access or use the Software. An original purchaser who has not accepted the terms of this Agreement may return the Software to the place of purchase, within 30 days of the date of purchase, for a full refund.

As used herein, for users in Japan, “Licensor” means Flexera Software GK, a Godo Kaisha organized under the laws of Japan; for users in Europe, Middle East, or Africa, “Licensor” means Flexera Software Limited, a private company limited by shares and incorporated in England and Wales with company number 6524874; for users outside of the countries listed above, “Licensor” means Flexera Software, Inc.

EVALUATION SOFTWARE

If you have received the Software for purposes of evaluation, regardless of how labeled, the use of the Software is limited to a specified period of time, as detailed in the email accompanying the download instructions (the “Evaluation Period”) and all use will be governed by the terms set forth below.

1. **Grant of License.** Licensor grants you a limited, personal, internal use, non-exclusive, non-transferable license to use the Software solely to evaluate its suitability for your internal business requirements during the Evaluation Period. Without limiting the foregoing, you may not use the Software during the Evaluation Period to create publicly distributed computer software or for any other purpose. This license may be terminated by Licensor at any time upon notice to you and will automatically terminate, without notice, upon the first to occur of the following: (a) the completion of your evaluation of the Software or (b) the expiration of the Evaluation Period.

2. **Limited Use Software.** Portions of the full-use version of the Software may be withheld or unusable and use of the Software may require accessing portions of the Software remotely through the Internet. Full use of the Software may be restricted by technological protections.

3. Disclaimer of Warranty. THE SOFTWARE IS PROVIDED ONLY FOR EVALUATION PURPOSES ON AN "AS IS" BASIS. LICENSOR EXPRESSLY DISCLAIMS ALL WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NONINFRINGEMENT.

4. Limitation of Liability. IN NO EVENT WILL LICENSOR BE LIABLE FOR ANY DAMAGES, INCLUDING LOST PROFITS OR DATA, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OR INABILITY TO USE THE SOFTWARE OR ANY DATA SUPPLIED THEREWITH, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR FOR ANY CLAIM BY ANY OTHER PARTY. IN NO CASE WILL LICENSOR'S LIABILITY FOR DAMAGES HEREUNDER EXCEED FIFTY DOLLARS (US \$50).

SOFTWARE LICENSE

1. Grant of License. Upon your payment of the fees shown on the invoice and acceptance of this Agreement, Licensor grants you a limited, personal, non-exclusive license to install and use the Software on the terms and conditions set forth herein.

a. Node-Locked Licenses: If you have licensed under the node-locked model, your license grant is as follows. You may install and use one copy of the Software on a single computer only for your internal business purposes. A node-locked license is limited to use by a single individual on a single computer; sharing of node-locked licenses between individuals sharing a computer is not allowed, unless each individual accessing or using the Software has acquired a license for the Software. For the avoidance of doubt, a license is required for each individual user of the Software on a computer, even if such user is logging into a common or shared account.

Node Locked Licenses may be used by You in a virtualized environment, provided that the number of virtualized images used does not exceed the total number of Node-Locked Licenses You have acquired and provided that the Node-Locked license is not used concurrently, in conjunction with or contemporaneously with the virtualized image.

b, Concurrent Licenses: If you have licensed under the concurrent licensing model, you may install the Software on any machine for your internal business purposes only. The number of machines that may use the Software concurrently at any time will be governed by the number of concurrent licenses specified on the original invoice. All machines using the Software must have the ability to communicate with a license server to be authorized to use the Software.

For the avoidance of doubt, if the Software is installed or accessed through a network, in any form, You must purchase additional licenses for each user that accesses the Software through the network.

You may make one back up and/or archival copy of the Software.

c. Stand Alone Build Licenses. The copy of the Software on the “build server” is used by automated processes, rather than by an individual user. If you have licensed InstallShield Premier, the standalone build component of the Software may be installed, reproduced and used on up to ten (10) computers residing on your premises, or a copy of the standalone build component may be shared on a common build/test machine on your premises up to the number of licenses You have acquired. In addition for Licensees of InstallShield Premier, the InstallShield MSI Tools (InstallShield MSI Grep, InstallShield MSI Diff, InstallShield MSI Query, and InstallShield MSI Sleuth) shipped as part of the InstallShield Premier Edition may be installed, reproduced and used on up to five (5) computers residing on your premises, and a copy of the MSI tools may be shared on a common build/test machine on your premises.

2. Restrictions on Use of Software. You may not (a) make the Software available for use by others in any service bureau or similar arrangement; (b) use or apply the Try and Die or Try and Buy functionality for the benefit of any software products which are not owned by you; (c) distribute, sublicense, transfer, or lend the Software to any third party; or (d) disassemble or reverse engineer (except in European Union countries, to the extent allowed by law) the Software. You may copy the Software solely for backup/archival purposes, provided that you include all copyright and similar rights notices. Licensor (or its licensor) retains all right, title, and interest in the Software (and in all copies). Unauthorized copying and modification of the Software is not permitted.

You acknowledge that the Software does or will contain license management functionality, including but not limited to node-locking, user counting, expiring licenses, silent activations (with or without user intervention) and the like. Licensor asserts that its use of such license management functionality is generally limited to ensuring adherence to its license agreements/models and not generally for purposes of “self-help.”

3. Upgrades. If the Software is an upgrade or update to a previous version of the Software, You must possess a valid license to such previous version in order to use such upgrade or update. After You install such update or upgrade, You may continue to use any such previous version in (and the upgrade or update) accordance with its end-user license agreement only if, (a) the previous versions or copies thereof are not transferred to another party or machine unless all copies of the update or upgrade are also transferred to such party or machine and (b) You acknowledge that any obligation Licensor may have to support the previous version(s) may be ended upon the availability of the upgrade or update. Upgrades and updates may be licensed to you by Licensor with additional or different terms.

4. **Redistributable Files.** The Software component parts may not be separated for use on more than one computer, except as set forth in this Agreement. You may copy the files specifically identified in the documentation as “redistributables” and redistribute such files to your end users of your products, provided that: (a) such products add primary and substantial functionality to the redistributables, (b) all copies of the redistributables must be exact and unmodified; and (c) you grant your end users a limited, personal, non-exclusive and non-transferable license to use the redistributables only to the extent required for the permitted operation of your products and not to distribute them further. You will reproduce with the redistributables all applicable trademarks and copyright notices that accompany the Software, but you may not use Licensor’s name, logos or trademarks to market your products.

5. **Limited Warranty and Disclaimer of Warranty.** Licensor warrants that:

- a. it has the right and authority to grant the rights described in this Agreement, and;
- b. the Software, as provided, will substantially perform the functions described in the documentation when operated in the intended environment for a period of ninety (90) days from the date of delivery (the “Warranty Period”).

THE WARRANTIES ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. LICENSOR EXPRESSLY DISCLAIMS ANY WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Licensor does not warrant that the Software will (a) achieve specific results, (b) operate without interruption, or (c) be error free.

6. **Ownership.** This Agreement does not convey to you any rights of ownership in the Software. All right, title, and interest in the Software and in any ideas, know-how, and programs which are developed by Licensor in the course of providing any technical services, including any enhancements or modifications made to the Software, shall at all times remain the property of Licensor or its licensor. You acknowledge and agree that the Software is licensed, not sold. You shall not permit the Software to be accessed or used by anyone other than your employees whose duties require such access or use.

You will not remove, modify or alter any of Licensor’s copyright, trademark or proprietary rights notices from any part of the Software, including but not limited to any such notices contained in the physical and/or electronic media or documentation, in the Setup Wizard dialogue or ‘about’ boxes, in any of the runtime resources and/or in any web-presence or web-enabled notices, code or other embodiments originally contained in or otherwise created by the Software, or in any archival or back-up copies, if applicable.

7. Assignment/Transfer of Software. You may not, by operation of law or otherwise, transfer any license rights or other interests in Evaluation Software, or Software labeled “Not for Resale” or “NFR.” You may transfer the license granted hereunder, on a permanent basis, provided that such transfer is the result of a merger, acquisition or other corporate action (such as a divestiture), and (i) you permanently and wholly transfer all your rights under this Agreement; (ii) you retain no copies (whole or partial); (iii) you permanently and wholly transfer all of the Software (including component parts, media, printed materials, upgrades, prior versions, and authenticity certificates); and (iv) the transferee agrees to abide by all the terms of this Agreement. You may not transfer this license or the Software directly or indirectly for purposes of convenience such as consignment, without Licensor’s prior written consent.

For the avoidance of doubt, transfers which are the result of employee turnover or reassignment are allowed, provided that such transfers do not occur more than frequently than annually.

8. Limitation of Remedy and Liability. During the Warranty Period, in the event of any breach of the warranty outlined in Section 5b above, Licensor’s (and its suppliers), entire liability and your exclusive remedy will be, at Licensor’s option, to either, repair or replace the defective Software.

NEITHER LICENSOR NOR ITS LICENSOR, IF ANY, SHALL BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGE TO SYSTEMS OR DATA, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. LICENSOR’S LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO EVENT EXCEED THE AMOUNT OF LICENSE FEES THAT YOU HAVE PAID.

For Users within Europe, the Middle East or Africa, No person who is not a party to this Agreement shall be entitled to enforce any terms of the same under the Contracts (Rights of Third Parties) Act 1999.

LICENSOR DOES NOT LIMIT OR EXCLUDE ITS LIABILITY FOR DEATH OR PERSONAL INJURY CAUSED BY ITS NEGLIGENCE.

9. Maintenance Services. If ordered by you and upon payment of the applicable fee, you are entitled to receive technical support services, including corrections, fixes and enhancements to the Software as such are made generally available (the “maintenance services”) from Licensor in accordance with Licensor’s then-current maintenance terms for the applicable maintenance level purchased by you.

Maintenance services will not include any releases of the Software which Licensor determines to be a separate product or for which Licensor charges its customers extra or separately.

10. Dual-Media Software. You may receive the Software in more than one medium (electronic and on a CD, for example). Receipt of the Software in more than a single manner (electronic or on a CD, for example) does not expand the license rights granted to you hereunder. Your use of the Software is limited to the number of licenses that you have acquired overall, regardless of number or type of media on which it has been provided.

11. U.S. Government Restricted Rights. The Software and Documentation are provided as "Commercial Computer Software" or "restricted computer software". Use, duplication, or disclosure by the U.S. Government or a U.S. Government subcontractor is subject to the restrictions set forth in 48.C.F.R. Section 12.212 or 48 C.F.R 227.2702, as applicable or successor provisions. The manufacturer is Flexera Software, Inc., 1000 East Woodfield Road, Suite 400, Schaumburg, Illinois 60173.

12. U.S. Export Restrictions. You will fully comply with all relevant export laws and regulations, including but not limited to the U.S. Export Administration Regulations and Executive Orders ("Export Controls"). You warrant that you are not a person, company or destination restricted or prohibited by Export Controls ("Restricted Person"). You will not, directly or indirectly, export, re-export, divert, or transfer the Software, any portion thereof or any materials, items or technology relating to Licensor's business or related technical data or any direct product thereof to any Restricted Person.

13. Termination. Your license may be terminated by Licensor if (a) you fail to make payment and/or (b) you fail to comply with the terms of this Agreement within ten (10) days after receipt of written notice of such failure. In the event of termination, you must cease using the Software, destroy all copies of the Software (including copies in storage media) and certify such destruction to Licensor. This requirement applies to all copies in any form, partial or complete. Upon the effective date of any termination, you relinquish all rights granted under this Agreement.

14. Relationship of Parties. You and Licensor are independent parties. Nothing in this Agreement shall be construed as making you an employee, agent or legal representative of Licensor.

15. No Third-Party Beneficiaries. There are no third-party beneficiaries of this Agreement.

16. Controlling Law. For users in Japan, this Agreement will be governed by the laws of Japan; for users in Europe, Middle East, or Africa, this Agreement will be governed by the laws of England and Wales and you submit to the jurisdiction of the courts of England and Wales; for users outside the countries listed above, this Agreement will be governed by the laws of California, USA, excluding conflicts of law. This Agreement is not subject to the United Nations Convention on Contracts for the Sale of Goods.

17. Company Name. Licensor may include your company name in a list of Licensor customers.

18. **Payment Terms/Shipments.** For users in Japan, all fees are in non-refundable Japanese Yen. For users in Europe, Middle East or Africa, all fees are in the currency outlined in the quote/invoice and are non-refundable. For users in any region not outlined, all fees are in non-refundable US Dollars.

Fees are due within 30-days of the date of the invoice. If you have ordered Maintenance services you may renew the applicable services for the Software for the next annual period for the amount specified on the original invoice for the Software. All shipments of any media will be FOB Origin.

19. **Taxes.** All fees do not include taxes. If Licensor is required to pay any sales, use, GST, VAT, or other taxes in connection with your order, other than taxes based on Licensor's income, such taxes will be billed to and paid by you.

You will make all payments of fees to Licensor free and clear of, and without reduction for, any withholding taxes; any such taxes imposed on payments of fees to Licensor will be Your sole responsibility and consequently the amount of such fees will be increased such that the net fee received by Licensor will be the same as if such withholding taxes were not imposed, and You will provide Licensor with official receipts issued by the appropriate taxing authority, or such other evidence as the Licensor may reasonably request, to establish that such taxes have been paid.

20. **Verification/Audits.** On Licensor's reasonable request, You will furnish Licensor with a signed statement confirming whether the Software is being used by You in accordance with this Agreement. Further during the term of this Agreement and for one (1) year thereafter, Licensor may, upon five (5) business days advance written notice to You, audit You for the purpose of verifying Your compliance with this Agreement. You understand and agree that the audit may take place in person or Licensor may use technological means to perform such audit. You agree to provide Licensor will all reasonable assistance required hereunder.

21. **Usage Data.** You understand that Licensor may utilize technology which gathers information about Your computer system, however, such data is used solely for the purpose of understanding machine types and other system-oriented information and does not contain any personally identifiable information of You.

22. **Use of Try and Die Functionality.** If you have licensed the Premier edition of the Software, you may internally access and use the functionality labeled "Try and Die" solely for the purposes of applying the Try and Die functionality processes and/or restrictions to your products and distributing such products to your end users for their trial purposes for a pre-determined period of time. Notwithstanding the foregoing, you agree that the total revenue from your products utilizing the Try and Die functionality will not exceed US\$10,000,000. For the avoidance of doubt, each product which is managed by a unique product version key/package license is considered to be a separate product hereunder. A product version key/package license identifies a protected trial product and allows the end user to unprotect, unpack and use a protected product. For the avoidance of doubt, the foregoing limitations apply only to your use of the Try and Die functionality and not your use of the Software in general.

23. Activation Capabilities. For existing users of the InstallShield Activation Service, should you elect to access and use the InstallShield Activation Service (which can only be used in conjunction with the Try and Buy functionality of the product), the terms and conditions at <http://www.installshield.com/products/installshield/activation-service/info/agreement.asp> will apply to your use of the service and will supplement your use of the Software hereunder.

24. Entire Agreement. This Agreement constitutes the complete and entire understanding and agreement of all terms, conditions and representations between you and Licensor with respect to the Software and may be modified only in writing by both parties. No term or condition contained in your purchase order will apply unless expressly accepted by Licensor in writing. Failure to prosecute a party's rights will not constitute a waiver of any other breach.

If any provision of this Agreement is found to be invalid, it will be enforced to the extent permissible and the remainder of this Agreement will remain in full effect. This Agreement has been written in the English language and you waive any rights you may have under the law of your country or province to have this Agreement written in any other language.

InstallShield EULA (December 2009)

JavaBeans Activation Framework 1.1

This product contains JavaBeans Activation Framework 1.1
(<http://java.sun.com/javase/technologies/desktop/javabeans/jaf/downloads/index.html>
).

A. Sun Microsystems, Inc. ("Sun") ENTITLEMENT for SOFTWARE

Licensee/Company: Entity receiving Software.

Effective Date: Date of delivery of the Software to You.

Software: JavaBeans Activation Framework 1.1.

License Term: Perpetual (subject to termination under the SLA).

Licensed Unit: Software Copy.

Licensed unit Count: Unlimited.

Permitted Uses:

1. You may reproduce and use the Software for Individual, Commercial, or Research and Instructional Use for the purposes of designing, developing, testing, and running Your applets and application("Programs").

2. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software's documentation, You may reproduce and distribute portions of Software

identified as a redistributable in the documentation ("Redistributable"), provided that:

(a) you distribute Redistributable complete and unmodified and only bundled as part of Your Programs,

(b) your Programs add significant and primary functionality to the Redistributable,

(c) you distribute Redistributable for the sole purpose of running your Programs,

(d) you do not distribute additional software intended to replace any component(s) of the Redistributable,

(e) you do not remove or alter any proprietary legends or notices contained in or on the Redistributable.

(f) you only distribute the Redistributable subject to a license agreement that protects Sun's interests consistent with the terms contained in this Agreement, and

(g) you agree to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Redistributable.

3. Java Technology Restrictions. You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Sun in any naming convention designation.

B. Sun Microsystems, Inc. ("Sun") SOFTWARE LICENSE AGREEMENT

READ THE TERMS OF THIS AGREEMENT ("AGREEMENT") CAREFULLY BEFORE OPENING SOFTWARE MEDIA PACKAGE. BY OPENING SOFTWARE MEDIA PACKAGE, YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCESSING SOFTWARE ELECTRONICALLY, INDICATE YOUR ACCEPTANCE OF THESE TERMS BY SELECTING THE "ACCEPT" BUTTON AT THE END OF THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS, PROMPTLY RETURN THE UNUSED SOFTWARE TO YOUR PLACE OF PURCHASE FOR A REFUND OR, IF SOFTWARE IS ACCESSED ELECTRONICALLY, SELECT THE "DECLINE" (OR "EXIT") BUTTON AT THE END OF THIS AGREEMENT.

IF YOU HAVE SEPARATELY AGREED TO LICENSE TERMS ("MASTER TERMS") FOR YOUR LICENSE TO THIS SOFTWARE, THEN SECTIONS 1-5 OF THIS AGREEMENT ("SUPPLEMENTAL LICENSE TERMS") SHALL SUPPLEMENT AND SUPERSEDE THE MASTER TERMS IN RELATION TO THIS SOFTWARE.

1. Definitions.

(a) "Entitlement" means the collective set of applicable documents authorized by Sun evidencing your obligation to pay associated fees (if any) for the license, associated Services, and the authorized scope of use of Software under this Agreement.

(b) "Licensed Unit" means the unit of measure by which your use of Software and/or Service is licensed, as described in your Entitlement.

(c) "Permitted Use" means the licensed Software use(s) authorized in this Agreement as specified in your Entitlement. The Permitted Use for any bundled Sun software not specified in your Entitlement will be evaluation use as provided in Section 3.

(d) "Service" means the service(s) that Sun or its delegate will provide, if any, as selected in your Entitlement and as further described in the applicable service listings at www.sun.com/service/servicelist.

(e) "Software" means the Sun software described in your Entitlement. Also, certain software may be included for evaluation use under Section 3.

(f) "You" and "Your" means the individual or legal entity specified in the Entitlement, or for evaluation purposes, the entity performing the evaluation.

2. License Grant and Entitlement.

Subject to the terms of your Entitlement, Sun grants you a nonexclusive, nontransferable limited license to use Software for its Permitted Use for the license term. Your Entitlement will specify (a) Software licensed, (b) the Permitted Use, (c) the license term, and (d) the Licensed Units.

Additionally, if your Entitlement includes Services, then it will also specify the (e) Service and (f) service term.

If your rights to Software or Services are limited in duration and the date such rights begin is other than the purchase date, your Entitlement will provide that beginning date(s).

The Entitlement may be delivered to you in various ways depending on the manner in which you obtain Software and Services, for example, the Entitlement may be provided in your receipt, invoice or your contract with Sun or authorized Sun reseller. It may also be in electronic format if you download Software.

3. Permitted Use.

As selected in your Entitlement, one or more of the following Permitted Uses will apply to your use of Software. Unless you have an Entitlement that expressly permits it, you may not use Software for any of the other Permitted Uses. If you don't have an Entitlement, or if your Entitlement doesn't cover additional software delivered to you, then such software is for your Evaluation Use.

(a) Evaluation Use. You may evaluate Software internally for a period of 90 days from your first use.

(b) Research and Instructional Use. You may use Software internally to design, develop and test, and also to provide instruction on such uses.

(c) Individual Use. You may use Software internally for personal, individual use.

(d) Commercial Use. You may use Software internally for your own commercial purposes.

(e) Service Provider Use. You may make Software functionality accessible (but not by providing Software itself or through outsourcing services) to your end users in an extranet deployment, but not to your affiliated companies or to government agencies.

4. Licensed Units.

Your Permitted Use is limited to the number of Licensed Units stated in your Entitlement. If you require additional Licensed Units, you will need additional Entitlement(s).

5. Restrictions.

(a) The copies of Software provided to you under this Agreement are licensed, not sold, to you by Sun. Sun reserves all rights not expressly granted. (b) You may make a single archival copy of Software, but otherwise may not copy, modify, or distribute Software. However if the Sun documentation accompanying Software lists specific portions of Software, such as header files, class libraries, reference source code, and/or redistributable files, that may be handled differently, you may do so only as provided in the Sun documentation. (c) You may not rent, lease, lend or encumber Software. (d) Unless enforcement is prohibited by applicable law, you may not decompile, or reverse engineer Software. (e) The terms and conditions of this Agreement will apply to any Software updates, provided to you at Sun's discretion, that replace and/or supplement the original Software, unless such update contains a separate license. (f) You may not publish or provide the results of any benchmark or comparison tests run on Software to any third party without the prior written consent of Sun. (g) Software is confidential and copyrighted. (h) Unless otherwise specified, if Software is delivered with embedded or bundled software that enables functionality of Software, you may not use such software on a stand-alone basis or use any portion of such software to interoperate with any program(s) other than Software. (i) Software may contain programs that perform automated collection of system data and/or automated software updating services. System data collected through such programs may be used by Sun, its subcontractors, and its service delivery partners for the purpose of providing you with remote system services and/or improving Sun's software and systems. (j) Software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility and Sun and its licensors disclaim any express or implied warranty of fitness for such uses. (k) No right, title or interest in or to any trademark, service mark, logo or trade name of Sun or its licensors is granted under this Agreement.

6. Term and Termination.

The license and service term are set forth in your Entitlement(s). Your rights under this Agreement will terminate immediately without notice from Sun if you materially breach it or take any action in derogation of Sun's and/or its licensors' rights to Software. Sun may terminate this Agreement should any Software become, or in Sun's reasonable opinion likely to become, the subject of a claim of intellectual property infringement or trade secret misappropriation. Upon termination, you will cease use of, and destroy, Software and confirm compliance in writing to Sun. Sections 1, 5, 6, 7, and 9-15 will survive termination of the Agreement.

7. Java Compatibility and Open Source.

Software may contain Java technology. You may not create additional classes to, or modifications of, the Java technology, except under compatibility requirements available under a separate agreement available at www.java.net.

Sun supports and benefits from the global community of open source developers, and thanks the community for its important contributions and open standards-based technology, which Sun has adopted into many of its products.

Please note that portions of Software may be provided with notices and open source licenses from such communities and third parties that govern the use of those portions, and any licenses granted hereunder do not alter any rights and obligations you may have under such open source licenses, however, the disclaimer of warranty and limitation of liability provisions in this Agreement will apply to all Software in this distribution.

8. Limited Warranty.

Sun warrants to you that for a period of 90 days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Sun's entire liability under this limited warranty will be at Sun's option to replace Software media or refund the fee paid for Software. Some states do not allow limitations on certain implied warranties, so the above may not apply to you. This limited warranty gives you specific legal rights. You may have others, which vary from state to state.

9. Disclaimer of Warranty.

UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

10. Limitation of Liability.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES,

HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In no event will Sun's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose. Some states do not allow the exclusion of incidental or consequential damages, so some of the terms above may not be applicable to you.

11. Export Regulations.

All Software, documents, technical data, and any other materials delivered under this Agreement are subject to U.S. export control laws and may be subject to export or import regulations in other countries.

You agree to comply strictly with these laws and regulations and acknowledge that you have the responsibility to obtain any licenses to export, re-export, or import as may be required after delivery to you.

12. U.S. Government Restricted Rights.

If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions).

13. Governing Law.

Any action related to this Agreement will be governed by California law and controlling U.S. federal law. No choice of law rules of any jurisdiction will apply.

14. Severability.

If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate.

15. Integration.

This Agreement, including any terms contained in your Entitlement, is the entire agreement between you and Sun relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement.

No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party.

Please contact Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, California 95054 if you have questions.

JavaHelp 2.0_05

This product uses JavaHelp 2.0_05
(<http://java.sun.com/products/javahelp/downloads/index.html>).

Sun Microsystems, Inc.
Binary Code License Agreement

READ THE TERMS OF THIS AGREEMENT AND ANY PROVIDED SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT") CAREFULLY BEFORE OPENING THE SOFTWARE MEDIA PACKAGE. BY OPENING THE SOFTWARE MEDIA PACKAGE, YOU AGREE TO THE TERMS OF THIS AGREEMENT. IF YOU ARE ACCESSING THE SOFTWARE ELECTRONICALLY, INDICATE YOUR ACCEPTANCE OF THESE TERMS BY SELECTING THE "ACCEPT" BUTTON AT THE END OF THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL THESE TERMS, PROMPTLY RETURN THE UNUSED SOFTWARE TO YOUR PLACE OF PURCHASE FOR A REFUND OR, IF THE SOFTWARE IS ACCESSED ELECTRONICALLY, SELECT THE "DECLINE" BUTTON AT THE END OF THIS AGREEMENT.

1. "LICENSE TO USE." Sun grants you a non-exclusive and non-transferable license for the internal use only of the accompanying software and documentation and any error corrections provided by Sun (collectively "Software"), by the number of users and the class of computer hardware for which the corresponding fee has been paid.

2. "RESTRICTIONS." Software is confidential and copyrighted. Title to Software and all associated intellectual property rights is retained by Sun and/or its licensors. Except as specifically authorized in any Supplemental License Terms, you may not make copies of Software, other than a single copy of Software for archival purposes. Unless enforcement is prohibited by applicable law, you may not modify, decompile, or reverse engineer Software.

You acknowledge that Software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility. Sun disclaims any express or implied warranty of fitness for such uses. No right, title or interest in or to any trademark, service mark, logo or trade name of Sun or its licensors is granted under this Agreement.

3. "LIMITED WARRANTY." Sun warrants to you that for a period of ninety (90) days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Sun's entire liability under this limited warranty will be at Sun's option to replace Software media or refund the fee paid for Software.

4. "DISCLAIMER OF WARRANTY." UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

5. "LIMITATION OF LIABILITY." TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

In no event will Sun's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose.

6. "Termination." This Agreement is effective until terminated. You may terminate this Agreement at any time by destroying all copies of Software. This Agreement will terminate immediately without notice from Sun if you fail to comply with any provision of this Agreement. Upon Termination, you must destroy all copies of Software.

7. "Export Regulations." All Software and technical data delivered under this Agreement are subject to US export control laws and may be subject to export or import regulations in other countries. You agree to comply strictly with all such laws and regulations and acknowledge that you have the responsibility to obtain such licenses to export, re-export, or import as may be required after delivery to you.

8. "U.S. Government Restricted Rights." If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions).

Linux-PAM-1.1.3

This product includes header files from Linux Pluggable Authentication Module v.1.1.3 which are distributed in accordance with the following license agreement:

Unless otherwise **explicitly** stated the following text describes the licensed conditions under which the contents of this Linux-PAM release may be distributed:

Redistribution and use in source and binary forms of Linux-PAM, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain any existing copyright notice, and this entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce all prior and current copyright notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of any author may not be used to endorse or promote products derived from this software without their specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GNU GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential conflict between the GNU GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

OpenSSL 0.9.7g

This product includes OpenSSL 0.9.7g (<http://www.openssl.org/>).

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

Copyright (c) 1998-2003 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
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.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com). All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.

If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used.

This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
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.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).

4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

pam-userpass 1.0.2

This product includes header files from Pam Userpass v.1.0.2 which are distributed in accordance with the following license agreement:

You're allowed to do whatever you like with this software (including re-distribution in source and/or binary form, with or without modification), provided that credit is given where it is due and any modified versions are marked as such. There's absolutely no warranty.

Note that you don't have to re-distribute this software under these same relaxed terms. In particular, you're free to place modified versions under (L)GPL, thus disallowing further re-distribution in binary-only form.

Sun JDK 1.6.0

This product uses Sun JDK 1.6.0 (<http://java.sun.com/javase/>).

Sun Microsystems, Inc. Binary Code License Agreement
for the JAVA SE DEVELOPMENT KIT (JDK), VERSION 6

SUN MICROSYSTEMS, INC. ("SUN") IS WILLING TO LICENSE THE SOFTWARE IDENTIFIED BELOW TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS BINARY CODE LICENSE AGREEMENT AND SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT"). PLEASE READ THE AGREEMENT CAREFULLY. BY DOWNLOADING OR INSTALLING THIS SOFTWARE, YOU ACCEPT THE TERMS OF THE AGREEMENT. INDICATE ACCEPTANCE BY SELECTING THE "ACCEPT" BUTTON AT THE BOTTOM OF THE AGREEMENT. IF YOU ARE NOT WILLING TO BE BOUND BY ALL THE TERMS, SELECT THE "DECLINE" BUTTON AT THE BOTTOM OF THE AGREEMENT AND THE DOWNLOAD OR INSTALL PROCESS WILL NOT CONTINUE.

1. DEFINITIONS. "Software" means the identified above in binary form, any other machine readable materials (including, but not limited to, libraries, source files, header files, and data files), any updates or error corrections provided by Sun, and any user manuals, programming guides and other documentation provided to you by Sun under this Agreement. "Programs" mean Java applets and applications intended to run on the Java Platform, Standard Edition (Java SE) on Java-enabled general purpose desktop computers and servers.

2. LICENSE TO USE. Subject to the terms and conditions of this Agreement, including, but not limited to the Java Technology Restrictions of the Supplemental License Terms, Sun grants you a non-exclusive, non-transferable, limited license without license fees to reproduce and use internally Software complete and unmodified for the sole purpose of running Programs. Additional licenses for developers and/or publishers are granted in the Supplemental License Terms.

3. RESTRICTIONS. Software is confidential and copyrighted. Title to Software and all associated intellectual property rights is retained by Sun and/or its licensors. Unless enforcement is prohibited by applicable law, you may not modify, decompile, or reverse engineer Software. You acknowledge that Licensed Software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility. Sun Microsystems, Inc. disclaims any express or implied warranty of fitness for such uses. No right, title or interest in or to any trademark, service mark, logo or trade name of Sun or its licensors is granted under this Agreement. Additional restrictions for developers and/or publishers licenses are set forth in the Supplemental License Terms.

4. LIMITED WARRANTY. Sun warrants to you that for a period of ninety (90) days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Sun's entire liability under this limited warranty will be at Sun's option to replace Software media or refund the fee paid for Software. Any implied warranties on the Software are limited to 90 days. Some states do not allow limitations on duration of an implied warranty, so the above may not apply to you. This limited warranty gives you specific legal rights. You may have others, which vary from state to state.

5. DISCLAIMER OF WARRANTY. UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

6. LIMITATION OF LIABILITY. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In no event will Sun's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose. Some states do not allow the exclusion of incidental or consequential damages, so some of the terms above may not be applicable to you.

7. TERMINATION. This Agreement is effective until terminated. You may terminate this Agreement at any time by destroying all copies of Software. This Agreement will terminate immediately without notice from Sun if you fail to comply with any provision of this Agreement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right. Upon Termination, you must destroy all copies of Software.

8. EXPORT REGULATIONS. All Software and technical data delivered under this Agreement are subject to US export control laws and may be subject to export or import regulations in other countries. You agree to comply strictly with all such laws and regulations and acknowledge that you have the responsibility to obtain such licenses to export, re-export, or import as may be required after delivery to you.

9. TRADEMARKS AND LOGOS. You acknowledge and agree as between you and Sun that Sun owns the SUN, SOLARIS, JAVA, JINI, FORTE, and iPLANET trademarks and all SUN, SOLARIS, JAVA, JINI, FORTE, and iPLANET-related trademarks, service marks, logos and other brand designations ("Sun Marks"), and you agree to comply with the Sun Trademark and Logo Usage Requirements currently located at <http://www.sun.com/policies/trademarks>. Any use you make of the Sun Marks inures to Sun's benefit.

10. U.S. GOVERNMENT RESTRICTED RIGHTS. If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions).

11. GOVERNING LAW. Any action related to this Agreement will be governed by California law and controlling U.S. federal law. No choice of law rules of any jurisdiction will apply.

12. SEVERABILITY. If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate.

13. INTEGRATION. This Agreement is the entire agreement between you and Sun relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party.

SUPPLEMENTAL LICENSE TERMS

These Supplemental License Terms add to or modify the terms of the Binary Code License Agreement. Capitalized terms not defined in these Supplemental Terms shall have the same meanings ascribed to them in the Binary Code License Agreement. These Supplemental Terms shall supersede any inconsistent or conflicting terms in the Binary Code License Agreement, or in any license contained within the Software.

A. Software Internal Use and Development License Grant. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software "README" file incorporated herein by reference, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Sun grants you a non-exclusive, non-transferable, limited license without fees to reproduce internally and use internally the Software complete and unmodified for the purpose of designing, developing, and testing your Programs.

B. License to Distribute Software. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software README file, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Sun grants you a non-exclusive, non-transferable, limited license without fees to reproduce and distribute the Software, provided that (i) you distribute the Software complete and unmodified and only bundled as part of, and for the sole purpose of running, your Programs, (ii) the Programs add significant and primary functionality to the Software, (iii) you do not distribute additional software intended to replace any component(s) of the Software, (iv) you do not remove or alter any proprietary legends or notices contained in the Software, (v) you only distribute the Software subject to a license agreement that protects Sun's interests consistent with the terms contained in this Agreement, and (vi) you agree to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software.

C. License to Distribute Redistributables. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software README file, including but not limited to the Java Technology Restrictions of these Supplemental Terms, Sun grants you a non-exclusive, non-transferable, limited license without fees to reproduce and distribute those files specifically identified as redistributable in the Software "README" file ("Redistributables") provided that: (i) you distribute the Redistributables complete and unmodified, and only bundled as part of Programs, (ii) the Programs add significant and primary functionality to the Redistributables, (iii) you do not distribute additional software intended to supersede any component(s) of the Redistributables (unless otherwise specified in the applicable README file), (iv) you do not remove or alter any proprietary legends or notices contained in or on the Redistributables, (v) you only distribute the Redistributables pursuant to a license agreement that protects Sun's interests consistent with the terms contained in the Agreement, (vi) you agree to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software.

D. Java Technology Restrictions. You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Sun in any naming convention designation.

E. Distribution by Publishers. This section pertains to your distribution of the Software with your printed book or magazine (as those terms are commonly used in the industry) relating to Java technology ("Publication"). Subject to and conditioned upon your compliance with the restrictions and obligations contained in the Agreement, in addition to the license granted in Paragraph 1 above, Sun hereby grants to you a non-exclusive, nontransferable limited right to reproduce complete and unmodified copies of the Software on electronic media (the "Media") for the sole purpose of inclusion and distribution with your Publication(s), subject to the following terms: (i) You may not distribute the Software on a stand-alone basis; it must be distributed with your Publication(s); (ii) You are responsible for downloading the Software from the applicable Sun web site; (iii) You must refer to the Software as Java™ SE Development Kit 6; (iv) The Software must be reproduced in its entirety and without any modification whatsoever (including, without limitation, the Binary Code License and Supplemental License Terms accompanying the Software and proprietary rights notices contained in the Software); (v) The Media label shall include the following information: Copyright 2006, Sun Microsystems, Inc. All rights reserved. Use is subject to license terms. Sun, Sun Microsystems, the Sun logo, Solaris, Java, the Java Coffee Cup logo, J2SE, and all trademarks and logos based on Java are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. This information must be placed on the Media label in such a manner as to only apply to the Sun Software; (vi) You must clearly identify the Software as Sun's product on the Media holder or Media label, and you may not state or imply that Sun is responsible for any third-party software contained on the Media; (vii) You may not include any third party software on the Media which is intended to be a replacement or substitute for the Software; (viii) You shall indemnify Sun for all damages arising from your failure to comply with the requirements of this Agreement. In addition, you shall defend, at your expense, any and all claims brought against Sun by third parties, and shall pay all damages awarded by a court of competent jurisdiction, or such settlement amount negotiated by you, arising out of or in connection with your use, reproduction or distribution of the Software and/or the Publication. Your obligation to provide indemnification under this section shall arise provided that Sun: (a) provides you prompt notice of the claim; (b) gives you sole control of the defense and settlement of the claim; (c) provides you, at your expense, with all available information, assistance and authority to defend; and (d) has not compromised or settled such claim without your prior written consent; and (ix) You shall provide Sun with a written notice for each Publication; such notice shall include the following information: (1) title of Publication, (2) author(s), (3) date of Publication, and (4) ISBN or ISSN numbers. Such notice shall be sent to Sun Microsystems, Inc., 4150 Network Circle, M/S USCA12-110, Santa Clara, California 95054, U.S.A , Attention: Contracts Administration.

F. Source Code. Software may contain source code that, unless expressly licensed for other purposes, is provided solely for reference purposes pursuant to the terms of this Agreement. Source code may not be redistributed unless expressly provided for in this Agreement.

G. Third Party Code. Additional copyright notices and license terms applicable to portions of the Software are set forth in the THIRDPARTYLICENSEREADME.txt file. In addition to any terms and conditions of any third party opensource/freeware license identified in the THIRDPARTYLICENSEREADME.txt file, the disclaimer of warranty and limitation of liability provisions in paragraphs 5 and 6 of the Binary Code License Agreement shall apply to all Software in this distribution.

H. Termination for Infringement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right.

I. Installation and Auto-Update. The Software's installation and auto-update processes transmit a limited amount of data to Sun (or its service provider) about those specific processes to help Sun understand and optimize them. Sun does not associate the data with personally identifiable information. You can find more information about the data Sun collects at <http://java.com/data/>.

For inquiries please contact: Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A.

Sun JRE 1.6.0_16

This product uses Sun JRE 1.6.0_16 (<http://java.sun.com/javase/downloads/index.jsp>).

SUN MICROSYSTEMS, INC. ("SUN") IS WILLING TO LICENSE THE SOFTWARE IDENTIFIED BELOW TO YOU ONLY UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS CONTAINED IN THIS BINARY CODE LICENSE AGREEMENT AND SUPPLEMENTAL LICENSE TERMS (COLLECTIVELY "AGREEMENT"). PLEASE READ THE AGREEMENT CAREFULLY. BY USING THE SOFTWARE YOU ACKNOWLEDGE THAT YOU HAVE READ THE TERMS AND AGREE TO THEM. IF YOU ARE AGREEING TO THESE TERMS ON BEHALF OF A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE LEGAL AUTHORITY TO BIND THE LEGAL ENTITY TO THESE TERMS. IF YOU DO NOT HAVE SUCH AUTHORITY, OR IF YOU DO NOT WISH TO BE BOUND BY THE TERMS, THEN YOU MUST NOT USE THE SOFTWARE ON THIS SITE OR ANY OTHER MEDIA ON WHICH THE SOFTWARE IS CONTAINED.

1. DEFINITIONS. "Software" means the identified above in binary form, any other machine readable materials (including, but not limited to, libraries, source files, header files, and data files), any updates or error corrections provided by Sun, and any user manuals, programming guides and other documentation provided to you by Sun under this Agreement. "General Purpose Desktop Computers and Servers" means computers, including desktop and laptop computers, or servers, used for general computing functions under end user control (such as but not specifically limited to email, general purpose Internet browsing, and office suite productivity tools). The use of Software in systems and solutions that provide dedicated functionality (other than as mentioned above) or designed for use in embedded or function-specific software applications, for example but not limited to: Software embedded in or bundled with industrial control systems, wireless mobile telephones, wireless handheld devices, netbooks, kiosks, TV/STB, Blu-ray Disc devices, telematics and network control switching equipment, printers and storage management systems, and other related systems are excluded from this definition and not licensed under this Agreement. "Programs" means (a) Java technology applets and applications intended to run on the Java Platform Standard Edition (Java SE) platform on Java-enabled General Purpose Desktop Computers and Servers, and (b) JavaFX technology applications intended to run on the JavaFX Runtime on JavaFX-enabled General Purpose Desktop Computers and Servers.

2. LICENSE TO USE. Subject to the terms and conditions of this Agreement, including, but not limited to the Java Technology Restrictions of the Supplemental License Terms, Sun grants you a non-exclusive, non-transferable, limited license without license fees to reproduce and use internally Software complete and unmodified for the sole purpose of running Programs. Additional licenses for developers and/or publishers are granted in the Supplemental License Terms.

3. **RESTRICTIONS.** Software is confidential and copyrighted. Title to Software and all associated intellectual property rights is retained by Sun and/or its licensors. Unless enforcement is prohibited by applicable law, you may not modify, decompile, or reverse engineer Software. You acknowledge that Licensed Software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility. Sun Microsystems, Inc. disclaims any express or implied warranty of fitness for such uses. No right, title or interest in or to any trademark, service mark, logo or trade name of Sun or its licensors is granted under this Agreement. Additional restrictions for developers and/or publishers licenses are set forth in the Supplemental License Terms.

4. **LIMITED WARRANTY.** Sun warrants to you that for a period of ninety (90) days from the date of purchase, as evidenced by a copy of the receipt, the media on which Software is furnished (if any) will be free of defects in materials and workmanship under normal use. Except for the foregoing, Software is provided "AS IS". Your exclusive remedy and Sun's entire liability under this limited warranty will be at Sun's option to replace Software media or refund the fee paid for Software. Any implied warranties on the Software are limited to 90 days. Some states do not allow limitations on duration of an implied warranty, so the above may not apply to you. This limited warranty gives you specific legal rights. You may have others, which vary from state to state.

5. **DISCLAIMER OF WARRANTY.** UNLESS SPECIFIED IN THIS AGREEMENT, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT THESE DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

6. **LIMITATION OF LIABILITY.** TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

In no event will Sun's liability to you, whether in contract, tort (including negligence), or otherwise, exceed the amount paid by you for Software under this Agreement. The foregoing limitations will apply even if the above stated warranty fails of its essential purpose. Some states do not allow the exclusion of incidental or consequential damages, so some of the terms above may not be applicable to you.

7. **TERMINATION.** This Agreement is effective until terminated. You may terminate this Agreement at any time by destroying all copies of Software. This Agreement will terminate immediately without notice from Sun if you fail to comply with any provision of this Agreement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right. Upon Termination, you must destroy all copies of Software.

8. EXPORT REGULATIONS. All Software and technical data delivered under this Agreement are subject to US export control laws and may be subject to export or import regulations in other countries. You agree to comply strictly with all such laws and regulations and acknowledge that you have the responsibility to obtain such licenses to export, re-export, or import as may be required after delivery to you.

9. TRADEMARKS AND LOGOS. You acknowledge and agree as between you and Sun that Sun owns the SUN, SOLARIS, JAVA, JINI, FORTE, and iPLANET trademarks and all SUN, SOLARIS, JAVA, JINI, FORTE, and iPLANET-related trademarks, service marks, logos and other brand designations ("Sun Marks"), and you agree to comply with the Sun Trademark and Logo Usage Requirements currently located at <http://www.sun.com/policies/trademarks>. Any use you make of the Sun Marks inures to Sun's benefit.

10. U.S. GOVERNMENT RESTRICTED RIGHTS. If Software is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Government's rights in Software and accompanying documentation will be only as set forth in this Agreement; this is in accordance with 48 CFR 227.7201 through 227.7202-4 (for Department of Defense (DOD) acquisitions) and with 48 CFR 2.101 and 12.212 (for non-DOD acquisitions).

11. GOVERNING LAW. Any action related to this Agreement will be governed by California law and controlling U.S. federal law. No choice of law rules of any jurisdiction will apply.

12. SEVERABILITY. If any provision of this Agreement is held to be unenforceable, this Agreement will remain in effect with the provision omitted, unless omission would frustrate the intent of the parties, in which case this Agreement will immediately terminate.

13. INTEGRATION. This Agreement is the entire agreement between you and Sun relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification of this Agreement will be binding, unless in writing and signed by an authorized representative of each party.

SUPPLEMENTAL LICENSE TERMS

These Supplemental License Terms add to or modify the terms of the Binary Code License Agreement. Capitalized terms not defined in these Supplemental Terms shall have the same meanings ascribed to them in the Binary Code License Agreement. These Supplemental Terms shall supersede any inconsistent or conflicting terms in the Binary Code License Agreement, or in any license contained within the Software.

A. Software Internal Use and Development License Grant. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software "README" file incorporated herein by reference, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Sun grants you a non-exclusive, non-transferable, limited license without fees to reproduce internally and use internally the Software complete and unmodified for the purpose of designing, developing, and testing your Programs.

B. License to Distribute Software. Subject to the terms and conditions of this Agreement and restrictions and exceptions set forth in the Software README file, including, but not limited to the Java Technology Restrictions of these Supplemental Terms, Sun grants you a non-exclusive, non-transferable, limited license without fees to reproduce and distribute the Software (except for the JavaFX Runtime), provided that (i) you distribute the Software complete and unmodified and only bundled as part of, and for the sole purpose of running, your Programs, (ii) the Programs add significant and primary functionality to the Software, (iii) you do not distribute additional software intended to replace any component(s) of the Software, (iv) you do not remove or alter any proprietary legends or notices contained in the Software, (v) you only distribute the Software subject to a license agreement that protects Sun's interests consistent with the terms contained in this Agreement, and (vi) you agree to defend and indemnify Sun and its licensors from and against any damages, costs, liabilities, settlement amounts and/or expenses (including attorneys' fees) incurred in connection with any claim, lawsuit or action by any third party that arises or results from the use or distribution of any and all Programs and/or Software.

C. Java Technology Restrictions. You may not create, modify, or change the behavior of, or authorize your licensees to create, modify, or change the behavior of, classes, interfaces, or subpackages that are in any way identified as "java", "javax", "sun" or similar convention as specified by Sun in any naming convention designation.

D. Source Code. Software may contain source code that, unless expressly licensed for other purposes, is provided solely for reference purposes pursuant to the terms of this Agreement. Source code may not be redistributed unless expressly provided for in this Agreement.

E. Third Party Code. Additional copyright notices and license terms applicable to portions of the Software are set forth in the THIRDPARTYLICENSEREADME.txt file. In addition to any terms and conditions of any third party opensource/freeware license identified in the THIRDPARTYLICENSEREADME.txt file, the disclaimer of warranty and limitation of liability provisions in paragraphs 5 and 6 of the Binary Code License Agreement shall apply to all Software in this distribution.

F. Termination for Infringement. Either party may terminate this Agreement immediately should any Software become, or in either party's opinion be likely to become, the subject of a claim of infringement of any intellectual property right.

G. Installation and Auto-Update. The Software's installation and auto-update processes transmit a limited amount of data to Sun (or its service provider) about those specific processes to help Sun understand and optimize them. Sun does not associate the data with personally identifiable information. You can find more information about the data Sun collects at <http://java.com/data/>.

For inquiries please contact: Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A.

UnixODBC

This product uses UnixODBC.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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.

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.

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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 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 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.
- 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR

CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Index

A

acknowledgements • 30, 37, 79

B

block level I/O • 16
bookshelf • 7

C

CA Easytrieve reports • 14
CA Licensing • 22
CA XCOM Data Transport GUI • 8
CA XCOM Gateway • 18
cipher suites • 23, 24, 25

D

documentation • 27

E

encryption at rest • 17

G

Gateway Bridge • 18
GCC • 42
GUI • 8

H

history command option • 12
history records • 11
history reports • 14
HP-UX JRE • 48

I

InstallAnywhere • 53
installation • 22
InstallShield • 61

J

JavaBeans Activation Framework • 69
JavaHelp • 76

M

metatransfers • 9

O

OpenSSL • 79

R

reports • 14

S

SMTP email notification • 16
SSL transfers • 23, 24, 25
Sun JDK • 82
Sun JRE • 88
symbolic variables • 14

T

third-party software • 29, 30, 37, 79
TLS • 23, 24, 25
transfer control • 15
trusted access database • 19

U

UnixODBC • 93

X

XTC parameters • 15