

# LM-X distribution content

*The information on this page refers to LM-X v5.5.6 or newer, which added a new utility for removing client's borrow store. If you are using a previous version of LM-X, please see the [documentation for previous versions](#).*

LM-X consists of several libraries and utilities/tools, described in this section. See [Getting Started With LM-X License Manager](#) for instructions on getting a license server and sample applications running in just a few minutes.

The following files are for developers and are **not for redistribution**.

Component		Description
Windows Filename	Unix Filename	
lmx-sdk_version_platform.msi	lmx-sdk_version_platform.sh	LM-X SDK installer.
lmxdev.exe	lmxdev	Utility for generating LM-X security configuration files and needed header files to compile the license generator and client application.
liblmxclient_md.lib liblmxclient_mdd.lib liblmxclient_mt.lib (or liblmxclient.lib) liblmxclient_mtd.lib	liblmxclient.a	Library for licensing, used by the client application.  Note that the Windows libraries liblmxclient_mt.lib and liblmxclient.lib are identical.
libhasphsupport.lib	libhasphsupport.a	Support library needed when dongles are used with LM-X.  (Not available on all platforms.)
lmx.h	lmx.h	Include file for the client library.
xmllicgen.exe	xmllicgen	The XML license generator.
examples	examples	This directory contains many examples on how to use LM-X.

The following files are for end users and may be **redistributed freely**.

Component		Description
Windows Filename	Unix Filename	
lmx-enduser-tools_version.msi	lmx-enduser-tools_version.sh	LM-X end-user tools and license server installer.
lmx-serv.exe	lmx-serv	License server. This executable is the same for all vendors.
no_security_config\lmx-serv.exe	no_security_config\lmx-serv	Pre-compiled license server, used to prepare license server for platform for which you have no physical machine.
lmx-serv.cfg	lmx-serv.cfg	Configuration file for license server.
liblmxvendor.dll	liblmxvendor.so or liblmxvendor.dylib	Library containing vendor-specific code such as callbacks, some LM-X server settings, and embedded security information.  Must be shipped to end users along with the license server (lmx-serv).
liblmx.dll	liblmx.so or liblmx.dylib	Client library.
liblmxnet.dll	N/A (Windows only)	Managed class library that is a .NET wrapper for the LM-X client API.
liblmxnetd.dll	N/A (Windows only)	Debug version of liblmxnet.dll (above).
lmxjava.dll	liblmxjava.so or liblmxjava.dylib	Library that is a Java wrapper for the LM-X client API.
liblmxjava.jar	liblmxjava.jar	Java archive with library that is a Java wrapper for the LM-X client API.
no_security_config\liblmx.dll	no_security_config/liblmx.so or liblmx.dylib	Pre-compiled client library, to be used when you want to use a different compiler than LM-X is compiled with.
lmxendutil.exe	lmxendutil	Command line utility for end users.

Imxconfigtool.exe	N/A (Windows only)	GUI configuration tool for end users.
Imxresetsystemclock.exe	Imxresetsystemclock	Utility for resetting the end user's system clock.
Imxresettrial.exe	Imxresettrial	Utility for resetting the end user's trial license information.
Imxresetclientborrow.exe	Imxresetclientborrow	Utility for resetting the client's borrow store.

See [Distributing applications to end users](#) for additional details about files that are distributed to end users.