# LexEVS 5.1 Installation Outline

**Contents of this Page**

## LexEVS Local Runtime

Start here to install a basic LexEVS node without access from remote or grid services. The associated database repository can be populated through the provided source load utilities, and accessed programatically through a Java API.

**GUI Installer for LexEVS Local Runtime**
A package for use as a single download with everything you need to install the Local Runtime.

- **5.1.0** LexEVS-install-5.1.jar. Download the Readme for the latest information for about this release.
- **5.1.4** LexEVS-install-5.1.4.jar. Download The Readme for a list of the fixes and functions and installation instructions for upgrading an existing install.

**LexEVS Local Runtime Release Notes**
An optional download if you want to see the resolved issues and enhancements provided in the primary release. Readmes will contain information for fix releases.

- lexevsapi51_notes.html (wiki)

**LexEVS Local Runtime Command Line Install**
An optional download for installing the Local Runtime without using the GUI installer. This file can be generated by the GUI installer or downloaded here.

- 5.1.0 LexEVS-install-config-5.1.xml

**LexEVS Local Runtime Environment**
Includes the core runtime, LexEVS API, loaders, and administrative utilities. This file is included with the GUI installer above.

- LexEVS_51_localRuntime.jar

**LexEVS Local Runtime 3rd Party Dependencies**
Includes code from other open source projects required by the LexEVS API. This file is included with the GUI installer above.

- LexEVS_51_localRuntime_dependencies.jar

## Applications and Extensions for LexEVS Local Runtime

Start here to install additional functional capabilities to a local runtime. These additional features are deployed and run within the same Java Virtual Machine (JVM) as the LexEVS local runtime environment. Registered extensions can be discovered programatically through the LexEVS API.

***HL7 CTS Extension***
Provides an alternative API to discover and access vocabulary resources loaded into a LexEVS Local Runtime. API interfaces conform to the HL7 Common Terminology Services (CTS) version 1.2 specification.
cts1.2-deploy.zip

## LexEVS Remote API

Start here to install the LexEVS remote API to a web application server allowing access to the LexEVS local runtime from remote or grid services. The associated database repository can be populated through the provided source load utilities, and accessed programatically through direct Java invocation or from remote or grid services.

***LexEVS Remote API***
Includes the Java runtime and dependencies, the Java distributed API, and the caCORE SDK-generated services. This can be deployed to an Apache Tomcat or JBoss container.
lexevsapi51.tomcat.war
lexevsapi51.jboss.war

## LexEVS Remote API Client

Start here to install a client that can access an already-deployed LexEVS Remote API node.

### LexEVS Remote API Client
Enables Java programs to establish a connection to an already-deployed LexEVS Remote API node.
LexEVS_51_client.zip

### LexEVS Remote API Client 3rd Party dependencies
Contains all the code required by the LexEVS Remote API Client.
lexevsapi51-client-dependencies.zip

## LexEVS Grid Service

Start here to install a LexEVS Grid Service to a web application server allowing this node to participate as a caGrid node. This includes either the caGrid Analytical Services or the caGrid Data Services. (LexEVS 5.0 is caGrid 1.2 compatible. LexEVS 5.1 is caGrid 1.2 and 1.3 compatible.)

### LexEVS caGrid Analytical Services
Includes caGrid Analytical Services working in terms of the LexGrid model and LexEVS API. These can be deployed to an Apache Tomcat or JBoss container. Each ZIP file contains a *wsrf.war* file.
LexEVS_51_caGRIDServices_analytical_tomcat.zip
LexEVS_51_caGRIDServices_analytical_jboss.zip

### LexEVS caGrid Data Services
Includes caGrid Data Services working in terms of the LexGrid model and LexEVS API. These can be deployed to an Apache Tomcat or JBoss container. Each ZIP file contains a *wsrf.war* file.
LexEVS_51_caGRIDServices_data_tomcat.zip
LexEVS_51_caGRIDServices_data_jboss.zip

### LexEVS caGrid GUI
Provides a traditional graphical user interface that provides access to basic browse and query functions provided by LexEVS caGrid Services.
LexEVS_50_caGridGUI.zip

## LexEVS Grid Service Client

Start here to install a client that can access an already-deployed LexEVS Grid Service node. (LexEVS 5.0 is caGrid 1.2 compatible. LexEVS 5.1 is caGrid 1.2 and 1.3 compatible.)

### LexEVS Analytical Services Client
Enables Java programs to establish a connection to the LexEVS caGrid Analytical Services.
LexEVS_51_caGRIDServices_analytical_client.jar

### LexEVS Analytical Services Client Dependencies (Minimal)
Includes only code required by the grid services, packaged as a ZIP file for convenient deployment. This allows the flexibility to provide your own 3rd party dependencies. It does not include other 3rd party dependencies. These dependencies can be used in a caGrid 1.2 or 1.3 environment. NOTE: With this package a user would be responsible for providing all dependencies.
LexEVS_5.1_Analytical_Services_Client_Dependencies_(Minimal).zip

### LexEVS Data Services Client
Enables Java programs to establish a connection to the LexEVS caGrid Data Services.
LexEVS_51_caGRIDServices_data_client.jar

### LexEVS Data Services Client Dependencies (Minimal)
Includes only code required by the grid services, packaged as a ZIP file for convenient deployment. This allows the flexibility to provide your own 3rd party dependencies. It does not include other 3rd party dependencies. These dependencies can be used in a caGrid 1.2 or 1.3 environment. NOTE: With this package a user would be responsible for providing all dependencies.
LexEVS_5.1_Data_Grid_Client_Dependencies_(Minimal).zip