

# LexEVS 5.0 Installation Outline

## Contents of this Page

- [Local Node Installation](#)
- [Local Applications and Extensions](#)
- [Web-Enabled Node Installation](#)
- [Web-Enabled Applications and Extensions](#)
- [Web Client Access](#)
- [LexEVS Grid Service Client Access](#)

## Local Node Installation

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

### LexEVS Local Runtime Environment

Includes the LexBIG API, loaders, and administrative utilities developed as part of the LexEVS project.

[LexEVS\\_50\\_localRuntime.jar](#)

### LexEVS Local Runtime 3rd Party Dependencies

Includes code from other open source projects required by the LexEVS Java API, packaged as a single jar for convenient deployment.

[LexEVS\\_50\\_localRuntime\\_dependencies.jar](#)

## Local Applications and Extensions

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

### Local Runtime and GUI Installer

Automated installer used to unzip user selected components to a user specified directory.

[LexEVS\\_50\\_localRuntimeAndGUI\\_installer.jar](#)

### HL7 CTS Extension

Provides an alternative API to discover and access vocabulary resources loaded to a LexEVS node. API interfaces conform to the HL7 Common Terminology Services (CTS) version 1.2 specification.

[LexEVSExtension\\_CTS.zip](#)

### Persistence Layer/Spring Batch Loader Framework Extension

Hibernate-based Persistence/DAO Layer for LexEVS 5.0, including a Spring Batch based Loader Framework. This extension includes an UMLS implementation of the Spring Batch Loader Framework.

[LoaderFrameworkExtension.zip](#)

### Value Domain Extension

Provides an API to create and access value domain and pick list resources loaded to a LexEVS node.

[Value Domain Extension zip file](#)

[Value Domain Read me](#)

### Versioning Extension

Provides an API to enable versioning of resources loaded to a LexEVS node.

[Versioning Extension zip file](#)

[Versioning Read me](#)

## Web-Enabled Node Installation

Start here to install a LexEVS node with access through web or grid services. The associated database repository can be populated through the provided source load utilities, and accessed programmatically through direct Java invocation or via web/grid client services.

### Web Runtime

Includes Java runtime and dependencies, Java distributed API, and caCORE SDK-generated services. Can be deployed to Apache Tomcat or JBoss containers. Each zip file contains **lexevsapi50.war** file.

[LexEVS\\_50\\_webRuntime\\_tomcat.zip](#)

[LexEVS\\_50\\_webRuntime\\_jboss.zip](#)

## Web-Enabled Applications and Extensions

Start here to deploy additional functional capabilities to a web-enabled node. Please note that LexEVS 5.0 works with caGRID 1.2.

### caGrid Analytical Services

Includes analytic caGrid services working in terms of the LexGrid model and LexBIG API, respectively. Can be deployed to Apache Tomcat or JBoss containers. Each zip file contains **wsrf.war** file.

[LexEVS\\_50\\_caGRIDSservices\\_analytical\\_tomcat.zip](#)

[LexEVS\\_50\\_caGRIDSservices\\_analytical\\_jboss.zip](#)

### caGrid Data Services

Includes data caGrid services working in terms of the LexGrid model and LexBIG API, respectively. Can be deployed to Apache Tomcat or JBoss containers. Each zip file contains **wsrf.war** file.

[LexEVS\\_50\\_caGRIDSservices\\_data\\_tomcat.zip](#)

[LexEVS\\_50\\_caGRIDSservices\\_data\\_jboss.zip](#)

### caGrid GUI

Provides a traditional (fat-client) graphical user interface that provides access to basic browse/query functions provided by LexEVS caGrid Services.

[LexEVS\\_50\\_caGridGUI.zip](#)

## Web Client Access

Start here to access an already-deployed LexEVS web-enabled node.

### LexEVS Java Client

Enables Java programs to establish a connection to LexEVS distributed, web or caGrid runtime services.

[LexEVS\\_50\\_client.jar](#)

### LexEVS Java Client 3rd Party dependencies

Contains all code required by the LexEVS Java Client.

[LexEVS\\_50\\_clientDependencies.zip](#)

## LexEVS Grid Service Client Access

Start here to access a LexEVS caGrid node. LexEVS 5.0 is caGRID 1.2 and 1.3 compatible. For caGRID 1.2 users we recommend using the dependencies packages below marked as caGRID 1.2 along with the Client. For caGRID 1.3 users we recommend using the dependencies packages below marked as caGRID 1.3 along with the Client.

### LexEVS Analytical Services Client

Enables Java programs to establish a connection to LexEVS analytical grid services.

[LexEVS\\_50\\_caGRIDSservices\\_analytical\\_client.jar](#)

### LexEVS Analytical Services Client Dependencies (caGrid 1.2)

LexEVS Analytical Grid Services 3rd Party Dependencies - Includes code from other open source projects required by the grid services, packaged as a zip for convenient deployment. This gives users everything they need to run the client (caGRID 1.2).

[LexEVS\\_50\\_caGRIDSservices\\_analytical\\_client\\_dependencies.zip](#)

### LexEVS Analytical Services Client Dependencies (caGrid 1.3)

LexEVS Analytical Grid Services 3rd Party Dependencies - Includes code from other open source projects required by the grid services, packaged as a zip for convenient deployment. This gives users everything they need to run the client (caGRID 1.3).

[LexEVS\\_50\\_caGRIDSservices\\_analytical\\_client\\_dependencies\(1.3\).zip](#)

### LexEVS Analytical Services Client Dependencies (Minimal)

LexEVS Analytical Grid Services Minimal Dependencies - Includes only code required by the grid services, packaged as a zip for convenient deployment. This allows the flexibility to provide your own 3rd party dependencies. 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\\_50\\_caGRIDSservices\\_analytical\\_client\\_minimal\\_dependencies.zip](#)

### LexEVS Data Services Client

Enables Java programs to establish a connection to LexEVS data grid services.

[LexEVS\\_50\\_caGRIDSservices\\_data\\_client.jar](#)

### LexEVS Data Services Client Dependencies (caGrid 1.2)

LexEVS Data Grid Services 3rd Party Dependencies - Includes code from other open source projects required by the grid services, packaged as a zip for convenient deployment. This gives users everything they need to run the client (caGRID 1.2).

[LexEVS\\_50\\_caGRIDSservices\\_data\\_client\\_dependencies.zip](#)

### LexEVS Data Services Client Dependencies (caGrid 1.3)

LexEVS Data Grid Services 3rd Party Dependencies - Includes code from other open source projects required by the grid services, packaged as a zip for convenient deployment. This gives users everything they need to run the client (caGRID 1.3).

[LexEVS\\_50\\_caGRIDSservices\\_data\\_client\\_dependencies\(1.3\).zip](#)

### LexEVS Data Services Client Dependencies (Minimal)

LexEVS Data Grid Services Minimal Dependencies - Includes only code required by the grid services, packaged as a zip for convenient deployment. This allows the flexibility to provide your own 3rd party dependencies. 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\\_50\\_caGRIDSservices\\_data\\_client\\_minimal\\_dependencies.zip](#)