

# LexEVS 6.4.1 Release Notes

## LexEVS 6.4.1 Release Highlights Include:

- Update LexEVS to use Lucene 5.2.1
- OWL2 and loader enhancements
- Admin script updates
- HTTPS enhancements
  - New [HTTPS Requirements](#)

## LexEVS 6.4.1 - Features Implemented

Feature	Summary
<a href="#">LEXEVS-784</a>	OWL2 Loader - annotation on association, object + annotation (v1)
<a href="#">LEXEVS-868</a>	Upgrade LexEVS to Lucene 5.X
<a href="#">LEXEVS-1271</a>	Add to documentation of Entity Centered query documentation
<a href="#">LEXEVS-1335</a>	Loader - OWL2: Load of OWL2 sources will deal with only and exactly restrictions
<a href="#">LEXEVS-1336</a>	Loader - OWL2: Load of OWL2 sources will deal with has role relationships from "some" restrictions
<a href="#">LEXEVS-1338</a>	Loader - OWL2: Load of OWL2 sources will deal with tagged obo namespace values as resolvable properties
<a href="#">LEXEVS-1450</a>	Admin Script: LoadValueSetDefinition script should output confirmation message
<a href="#">LEXEVS-1731</a>	Allow exclusion of anonymous classes optionally in dynamic resolution of a value set definition.
<a href="#">LEXEVS-1884</a>	Update URI resolver URL to point to NCI's URI resolver
<a href="#">LEXEVS-1151</a>	Loader - OWL2: Investigate OBI Load - why loading of named instances (individuals) don't appear in the browser.
<a href="#">LEXEVS-1152</a>	Loader - OWL2: Investigate OBI Load - why restrictions on a class are not being seen in the GUI
<a href="#">LEXEVS-1153</a>	Loader - OWL2: Investigate NDFRT Load - why restrictions on a class are not being seen in the GUI
<a href="#">LEXEVS-1160</a>	Loader - OWL2: NDFRT Loader - Restrictions on a class not displayed in the browser.
<a href="#">LEXEVS-1299</a>	Loader - OWL2: Unable to associate property code with property label.
<a href="#">LEXEVS-1339</a>	Loader - OWL2: Entity or BFO_0000001 has qualifier value that is not resolved
<a href="#">LEXEVS-1976</a>	Loader - OWL2: Investigate to determine if complex property loader directives are hard coded
<a href="#">LEXEVS-2030</a>	Loader - OWL2 history annotation should be represented as an IRI
<a href="#">LEXEVS-1338</a>	Loader - OWL2: Load of OWL2 sources will deal with tagged obo namespace values as resolvable properties

## LexEVS 6.4.1 - Defects Fixed

Defect	Summary
<a href="#">LEXEVS-826</a>	RRF loader - staging table column width needs to be increased for AUI1 and AUI2
<a href="#">LEXEVS-828</a>	Investigation of serialization error on mapping api
<a href="#">LEXEVS-829</a>	Mapping extension iterator delivers incorrect or infinite number of next() values
<a href="#">LEXEVS-850</a>	Mapping Extension API Coded Node Iterator implementation is defective
<a href="#">LEXEVS-851</a>	Tree extension returns nodes from another scheme in multi-namespace search
<a href="#">LEXEVS-852</a>	The buildJsonPathFromRootTree method returns JSON string with no namespace.
<a href="#">LEXEVS-853</a>	<u>Missing restrictions after OWL2 load</u>
<a href="#">LEXEVS-854</a>	Codes get prefixed with a namespace
<a href="#">LEXEVS-855</a>	NDFRT OWL2 loads restrictions as anonymous classes
<a href="#">LEXEVS-942</a>	MRMAP loader doesn't load all available mappings

<a href="#">LEXEVS-946</a>	OBI hierarchy is broken
<a href="#">LEXEVS-957</a>	Mapping iterators do not work on distributed
<a href="#">LEXEVS-970</a>	Identify issues associated to "OWL2 loader not backwards compatible with OWL1 sources"
<a href="#">LEXEVS-980</a>	Unable to retrieve source and target versions of a mapping coding scheme through Relations API.
<a href="#">LEXEVS-999</a>	MedDRASecurity OutOfMemoryError issue.
<a href="#">LEXEVS-1017</a>	Unable to access extension.xsd from Mayo's server.
<a href="#">LEXEVS-1033</a>	OBI SupportedNamespaces data issue.
<a href="#">LEXEVS-1034</a>	<u><a href="#">NPO SupportedNamespaces data issue.</a></u>
<a href="#">LEXEVS-1037</a>	Loader - HL7: HL7 SupportedNamespaces data issue.
<a href="#">LEXEVS-1055</a>	LexEVS OWL2 loader fails when there is no network connectivity
<a href="#">LEXEVS-1143</a>	Load through GUIs is one-at-a-time
<a href="#">LEXEVS-1158</a>	OBI Loader - Named instances (individuals) not displayed in the browser.
<a href="#">LEXEVS-1159</a>	OBI Loader - Restrictions on a class not displayed in the browser.
<a href="#">LEXEVS-1165</a>	GUI - Filter out resolved value set definitions from the coding scheme dropdown.
<a href="#">LEXEVS-1169</a>	Admin Script: LoadMedDRA script instructions/example is wrong
<a href="#">LEXEVS-1172</a>	<u><a href="#">LexEVS GUI - Value Set Loader dialog should allow multiple loads</a></u>
<a href="#">LEXEVS-1192</a>	OBI property qualifiers not being loaded
<a href="#">LEXEVS-1204</a>	Fix mapping scheme resolution issues for new lucene
<a href="#">LEXEVS-1255</a>	Implement property type query for lucene
<a href="#">LEXEVS-1264</a>	Load NCI to OWL2 for to evaluate potential issues
<a href="#">LEXEVS-1266</a>	Investigate options for reimplementing scoring over multiple indexes
<a href="#">LEXEVS-1296</a>	lbGUI cleanup script fails when no metadata is present
<a href="#">LEXEVS-1305</a>	lbGUI refresh button does not fully refresh indexes
<a href="#">LEXEVS-1306</a>	lbGUI coding scheme activation fails
<a href="#">LEXEVS-1309</a>	Dev branch on CI server will pass tests to a certain degree
<a href="#">LEXEVS-1333</a>	CodedNodeSetImpl constructor should throw a resource unavailable exception
<a href="#">LEXEVS-1337</a>	Loader - OWL2: Annotation uses individuals
<a href="#">LEXEVS-1340</a>	Query against missing index creates obscure error message
<a href="#">LEXEVS-1386</a>	Under some circumstances, Tree extension fails while running on the browser against OBI
<a href="#">LEXEVS-1418</a>	Admin Script CleanUpMetadata is broken
<a href="#">LEXEVS-1419</a>	Admin Script ExportOBO is broken
<a href="#">LEXEVS-1420</a>	Admin Script LoadRadLexProtegeFrames is no longer used
<a href="#">LEXEVS-1421</a>	Admin Script LoadUmlsBatch is broken
<a href="#">LEXEVS-1422</a>	Admin Script LoadMedDRA is broken
<a href="#">LEXEVS-1423</a>	Admin Script RemoveResolvedValueSet is broken
<a href="#">LEXEVS-1424</a>	Admin Script LoadResolvedValueSetDefinition is broken
<a href="#">LEXEVS-1425</a>	Admin Script LoadUMLSHistory.bat is broken
<a href="#">LEXEVS-1426</a>	Admin Script RemoveIndex.bat is broken
<a href="#">LEXEVS-1427</a>	Correct Namespace Functionality in path to root implementation
<a href="#">LEXEVS-1430</a>	Loader - Batch Loader: Rxn Batch Loader Extension Fails to load
<a href="#">LEXEVS-1431</a>	Update cleanup test for improved CI service test running

<a href="#">LEXEVS-1520</a>	Inactive Coding Schemes can be queried
<a href="#">LEXEVS-1521</a>	Some property qualifier based searches do not return values
<a href="#">LEXEVS-1522</a>	Lazy Loadable Code to Return Fails on a single value
<a href="#">LEXEVS-1523</a>	Under some conditions, queries to newly tagged terminologies cause a failure.
<a href="#">LEXEVS-1524</a>	Mapping Node resolve to iterator fails
<a href="#">LEXEVS-1525</a>	Under some circumstances, resolved value set does not return expected results
<a href="#">LEXEVS-1526</a>	XML export does not work except for associations
<a href="#">LEXEVS-1552</a>	Cleanup Utility fails
<a href="#">LEXEVS-1572</a>	Post load manifest fails on association update
<a href="#">LEXEVS-1575</a>	Transient Unit test failure in Mapping Extension AP
<a href="#">LEXEVS-1615</a>	Clean Up script only registers and does not create new Indexes
<a href="#">LEXEVS-1625</a>	<u>RRF Loader loads apparent duplicates of SMQ property values</u>
<a href="#">LEXEVS-1628</a>	I want LexEVS 6.4 to perform subsecond searches on multiple coding scheme and larger single index searches
<a href="#">LEXEVS-1729</a>	Unexpected behavior found in searching value set using LexEVSValueSetDefinitionServices API.
<a href="#">LEXEVS-1757</a>	<u>Utility method in SearchExtension</u>
<a href="#">LEXEVS-1871</a>	GUI UMLSBatchLoader fails
<a href="#">LEXEVS-1948</a>	Loader - OWL: Complex properties hardcoded in OWL Loader
<a href="#">LEXEVS-2016</a>	Loader - HL7: entityCode format needs to be updated
<a href="#">LEXEVS-2078</a>	Lexevs install script completes with an error - gui/Linux-lbGUI.sh does not exist anymore

## LexEVS Remote API 6.4.1 - Features Implemented

Feature	Summary
<a href="#">LEXEVSREM-2</a>	Provide HTTPs for LexEVS Remote API

## LexEVS Remote API 6.4.1 - Defects Fixed

Defect	Summary

## LexEVS Remote Client 6.4.1 - Features Implemented

Feature	Summary

## LexEVS Remote Client 6.4.1 - Defects Fixed

Defect	Summary

## LexEVS CTS2 Service 1.5.1 - Features Implemented

Feature	Summary
<a href="#">LEXEVSCTS2-35</a>	CTS2 does not provide property qualifier support

<a href="#">LEXEVCTS2-36</a>	Parameterize the URI resolver service URL for CTS2 LexEVS-Service
<a href="#">LEXEVCTS2-37</a>	Update URI resolver URL to point to NCI's production URI resolver

### LexEVS CTS2 Service 1.5.1 - Defects Fixed

Defect	Summary
<a href="#">LEXEVCTS2-45</a>	LexEVSResolvedValueSetService Test fails with Java 1.8
<a href="#">LEXEVCTS2-53</a>	CTS2 Service fails to resolve entities for HL7 terminology loaded from MIF

### LexEVS CTS2 Framework 1.2.1 - Features Implemented

Feature	Summary

### LexEVS CTS2 Framework 1.2.1 - Defects Fixed

Defect	Summary
<a href="#">LEXEVCTS2-53</a>	CTS2 Service fails to resolve entities for HL7 terminology loaded from MIF