

LexEVS 6.1 Release Notes

LexEVS 6.1 release highlights include the addition of new content loaders that target both new standards and better sources for content. LexEVS 6.0 featured comprehensive implementation of the CTS2 draft standard for trial use, LexEVS 6.1 features a set of interfaces built on the final OMG CTS2 API specification. **Note that 6.1 does not include updates to the the Grid Services currently running on 6.0 which will be retired within 6 months of the final 6.1 release date. No 6.1 deployment of the grid services will take place.**

Defects fixed	Issue	Description
LEXEVS-577	MedDRA_history_english.asc data are not loaded by the MedDRA (ASCII file) loader	An addition to the new MedDRA loader that supplies history data as a property with qualifiers
LEXEVS-578	Contains search using "non-small occult" as the search string against NCIt returns nothing.	Accuracy boosting of lucene special characters implemented here
LEXEVS-571	Ability to drop or load multiple resolved value sets	Support of mass dropping and loading of value sets
LEXEVS-569	Load times for LoadOWL take significantly longer in 6.0	
LEXEVS-527	LoadMetaBatch throws illegal character error	Accuracy boosting around special characters implementation
LEXEVS-444	Trying to load NCIt to ICD9 MRMAP file. get error	Support for missing or null elements in the MRMAP file
LEXEVS-495	ICD9 GEMS map throws java.lang.NullPointerException	Support for missing or null elements in the MRMAP file
LEXEVS-506	Missing database index for Metathesaurus	Integration of the Metathesaurus index load to loader.
LEXEVS-514	OWL loader puts property comments on every property value	Correcting and separating content for improved readability and accuracy in the OWL loader
LEXEVS-533	SNOMED Loader does not build Transitivity Table	
LEXEVS-526	Metathesaurus unable to load or Resume	Correcting data base constraints against content changes
LEXEVS-492	Unable to export NCI Thesaurus 11.10e	

Features implemented	Issue	Description
LEXEVS-552	LexEVS Loader Enhancement - OWL2 Loader	LexEVS now loads content based on the latest OWL standard
LEXEVS-551	LexEVS Loader Enhancement - MedDRA Loader	MedDRA content can now be loaded from native MedDRA ASCII files
LEXEVS-550	LexEVS Performance Enhancement - Search Performance (Contains)	High efficiency search is implemented for a "contains" type search
LEXEVS-547	LexEVS Enhancement for CTS2 - Entity Query Across Code System	Cross content search with reasonable performance is implemented
LEXEVS-546	CTS2 REST MapEntry	MapEntry Read and query with restrictions to code system (name of map) and either source or target code system
LEXEVS-544	CTS2 REST MapCatalogEntry	MapCatalog Read and query with restrictions to code system (name of map) and either source or target code system
LEXEVS-541	CTS2 REST Association	Association Query with restrictions on the following: • Parents • Children • Restrict a source • Restrict a target
LEXEVS-540	CTS2 REST EntityDescription	Entity Description Read and Query and features text matching with wild card, exact match, starts with and word starts with.

LEXEVS-539	CTS2 REST CodeSystemVersionCatalogEntry	Code System Version Read and Query with text matching on exact match, starts with, and contains.
LEXEVS-545	CTS2 REST MapVersionCatalogEntry	Features Map Version Catalog Entry Read and Query with restrictions to/from code system and entity code system to/from
LEXEVS-543	CTS2 REST ResolvedValueSet	Resolved Value Set Read and Query with restrictions on code system version and contained entity
LEXEVS-553	LexEVS Loader Enhancement - HL7 MIF Loader	LexEVS now loads HL7 vocabularies into one coding scheme directly from the MIF files generated by each HL7 release, giving users access to more a more complete HL7 representation
LEXEVS-542	CTS2 REST ValueSetDefinition	Value Set Definition Query, Read, and Resolve with restrictions on code system version and contained entity
LEXEVS-548	LexEVS Performance Enhancement - Implement a persistence mechanism for resolved Value Sets	This implementation ameliorates the issue of resolving and returning large value sets by persisting value set resolutions locally
LEXEVS-549	LexEVS Performance Enhancement - Performace Improvement of Hierarchy Traversal	Hierarchy convenience methods allow quick resolution of large shallow depth relationships.

Known Issues	Issue	Description
LEXEVS-584	LexEVS Loader Update HL7 MIF Loader	
LEXEVS-583	OWL2 data: restrictions on a class using datatype properties	
LEXEVS-581	LexEVSValueSetDefinitionServicesImpl exportValueSetResolution method could fail.	
LEXEVS-580	Update to MSSOValidator.jar	
LEXEVS-579	OBO loader gets confused when Synonym has both source and type	
LEXEVS-576	Definition.isIsPreferred can return a null	
LEXEVS-574	Update lucene to recent version	
LEXEVS-573	LoadMetadata parameters not working	
LEXEVS-572	The exactMatch algorithm can fail.	
LEXEVS-570	Loader messaging is poor and unhelpful	
LEXEVS-492	Unable to export NCI Thesaurus 11.10e	