

LexEVS 5.1 Release Notes

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National Cancer Institute Center for Bioinformatics
Product LexEVS 5.1 Release Notes
December 18 2009

Product Changes

Fixed Since Last Release - Bugs

21567 - [ResourceManager](#) cache not Thread-safe
21923 - [Connection Leak](#) on [SQLImplementedMethods](#) 'mapToCodingSchemeName'
22355 - [LexGrid XML exporter](#) not writing correctly if there are two Entities with the same code but different namespace
22743 - [Unable to resolve GO and CTCAE hierarchy roots.](#)
23278 - [CodedNodeGraph restrictToAssociations](#) fails with [Qualifier](#) containing null value
23359 - [Supported Attributes](#) missing from 5.1 NCI Thesaurus 09.08e
23456 - [Loaded MedDRA](#) - unable to see Code System Details
23755 - [Semantic_Type](#) Property not being loaded by Meta Loader
23761 - [Delay advancing a ResolvedConceptReferencesIterator](#) in Distributed mode
23858 - [Duplicate results](#) returned on [CodedNodeSet](#) resolve
24148 - [PathToRoot](#) over-protecting for looping hierarchy paths

Feature Requests

21716 - [Add data from MRSAT file to NCI Meta data](#)
21717 - [MRSAB](#) configured to load for NCI Meta data
21718 - [MRREL](#) data for NCI Meta - needs more data loaded
21719 - [Load MRRANK](#) data for NCI Meta
21721 - [Add some additional data from MRHIER](#)
21722 - [Make sure MRDOC](#) data for NCI Meta is loaded
21723 - [Add more data from MRDEF](#) file for NCI Meta
21724 - [Add data from MRCONSO](#) file to NCI Meta data
21849 - [Add an algorithm](#) for supporting case-insensitive substring search.
21850 - [Add a search algorithm](#) for supporting case-insensitive substring search with an additional spelling-error tolerant feature.
21879 - [Improve error messages](#) (e.g., [CNS.resolve](#), [CNS.resolveToList](#), [CNG.resolveToList](#))
21881 - [Improve ResolvedConceptReferencesIterator](#) performance by reducing client-server network traffic in distributed mode.
21882 - [LexEVS 5.1 Value Domain Support](#)
21976 - [Improve LexEVS Loading Framework](#)
21980 - [Optimize Lucene](#) code to improve search performance
21982 - [Implement a server side sort](#) to improve performance
22006 - [General SQL optimization](#)
22565 - [Add special character search](#)
22893 - [Add asserted relations](#) into the transitive table
23053 - [Load TUI](#) as a Property in UMLS loader
23071 - [Allow multiple CUI Properties](#) per UMLS Entity

Important Remaining Issues / Limitations

- Value Domain (CTS 2 Value Set) support in the 5.1 release is not fully implemented and is offered as a capability that developers of LexEVS dependent applications and services can use to familiarize themselves with value domains in a non-production setting. Production use of Value Domain functionality should be delayed until the release of the 6.0 build of LexEVS.
- [LexBIGServiceConvenienceMethods](#) in the 5.1 release are not all adapted for use in distributed mode and should not be attempted to be used distributed. These include [getHierarchyOrphanedConcepts\(\)](#), [getHierarchyLevelNextCount\(\)](#), [getHierarchyLevelPrevCount\(\)](#), [addEntityLuceneIndexes\(\)](#), [removeEntityLuceneIndexes\(\)](#), [modifyEntityLuceneIndexes\(\)](#).

Deferred/Deprecated Items

Bugs

19406 - [Results not Deserializing Properly when using QueryModifiers on CQL Queries](#)
20590 - [Not all concept status property values are accessible through the API.](#)
20653 - [Anonymous class hierarchy with unions not showing up correctly.](#)
20661 - [Ontology for Genetic Interval hierarchy does not match up Protege](#)
20665 - [ECG Ontology missing Description, Date, Source and Creator fields](#)
20684 - [Can not compute root node for OBI version v1.0.1423](#)
20797 - [Strict Owl Processing](#)
23770 - [OBI.owl loading - missing property "has curation status" for concepts](#)
23806 - [OBI.owl loading - Incorrect information as value to the property "imported from"](#)
24967 - [Null-Pointer Exception Thrown when no value-Domain content loaded.](#)

Feature Requests

21720 - [Load all MRMAP data](#)
22877 - [MedDRA loading into LexEVS](#)
22887 - [BDA Certification](#)
23324 - [Option to include or exclude anonymous concepts.](#)
23598 - [REST API Features](#)
23611 - [LexEVS Value Domain Support to include persistence of resolved value domain content](#)
23643 - [Java 1.6](#)

CORE Product Dependencies

Refer to the [CORE Product Dependency Matrix](#) for the caCORE SDK and other software technologies on which this release of this product relies.

Release History

| Release | Date |
|----------------|------------------|
| LexEVS 5.1 | 18 Dec 2009 |
| LexEVS 5.0 | 12 May 2009 |
| LexEVS 4.2.1 | 30 January 2009 |
| LexEVS 4.2 | 05 November 2008 |
| EVS API 4.1.1 | 08 August 2008 |
| EVS API 4.1 | 27 June 2008 |
| EVS API 4.0 | 07 November 2007 |
| caCORE 3.2 | 22 December 2006 |
| caCORE 3.1 | 27 March 2006 |
| caCORE 3.0.1.3 | 12 December 2006 |
| caCORE 3.0.1.2 | 18 October 2005 |
| caCORE 3.0.1.1 | 30 August 2005 |
| caCORE 3.0.1 | 22 July 2005 |
| caCORE 3.0 | 31 March 2005 |
| caCORE 2.1 | 28 May 2004 |
| caCORE 2.0.1 | 19 December 2003 |
| caCORE 2.0 | 31 October 2003 |
| caCORE 1.2 | 13 June 2003 |
| caCORE 1.1 | 07 February 2003 |
| caCORE 1.0 | 29 August 2002 |