

# LexEVS 5.1 Release Notes

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National Cancer Institute Center for Bioinformatics  
Product LexEVS 5.1 Release Notes  
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## 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