

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance**

**Subcontract No. 12ST1106**

**June 2013**

**May 1 – May 31, 2013**

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**Date:**

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## A. Technical Overview

Work has continued on the URI resolution server. While the underlying third party code supporting the hierarchy traversal implementation underwent some churn, an interim solution was suggested, accepted and implemented. Work progressed or was completed on a number of content loading functions not critical to deployment.

Please see the weekly meeting notes for details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.0+Maintenance+2012+-+2013>

## B. Issues Resolved Over the Covered Period

Activity	Description/Comments

## C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
JIRA# 569	<a href="#">Load times for LoadOWL take significantly longer in 6.0</a>
JIRA 570	<a href="#">Loader messaging is poor and unhelpful</a>
JIRA# 571	<a href="#">Ability to drop or load multiple resolved value sets</a>
JIRA# 572	<a href="#">The exactMatch algorithm can fail.</a>
JIRA# 573	<a href="#">LoadMetadata parameters not working</a>
JIRA# 574	<a href="#">Update lucene to recent version</a>

## D. New Releases of the Software

Release	Description of the Release

#### **E. Presentations, Documentation Updates, Community Communication**

Activity	Description of the Activity

#### **F. Outstanding Issues Being Actively Worked**

Activity/Issue	Description/Comments
JIRA #553	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-553">https://tracker.nci.nih.gov/browse/LEXEVS-553</a>
JIRA #552	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-552">https://tracker.nci.nih.gov/browse/LEXEVS-552</a>
JIRA #541	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-551">https://tracker.nci.nih.gov/browse/LEXEVS-551</a>
JIRA #550	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-550">https://tracker.nci.nih.gov/browse/LEXEVS-550</a>
JIRA #549	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-549">https://tracker.nci.nih.gov/browse/LEXEVS-549</a>
JIRA #548	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-548">https://tracker.nci.nih.gov/browse/LEXEVS-548</a>
JIRA #547	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-547">https://tracker.nci.nih.gov/browse/LEXEVS-547</a>

## **G. Critical Risks or External Dependencies**

Activity/Issue	Description to corrective activity/issue

## **H. Status of Deliverables/Milestones Overview**

We have created a project wiki site out on Confluence Wiki at <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.0+Maintenance+2012+-+2013> . This table of contents breaks out into different areas to capture the weekly meeting notes, monthly technical status reports, an area for documentation and a brief summary. This site will evolve throughout the lifecycle of this project.

## **I. Status of Deliverables**

Deliverable/Milestone	Delivery Date	Status
Program Management	Ongoing	In Progress
Maintenance of Software System	Ongoing	In Progress
Provide Technical Expertise	Ongoing	In Progress
Project Wiki	11/09/2012	Complete
Monthly Technical Reports:		Complete
November 2012	11/09/2012	
December 2012	12/10/2012	
January 2013	01/10/2013	
February 2013	02/10/2013	
March 2013	3/10/2013	
May 2013	4/10/2013	
June 2013	5/10/2013	
July 2013	6/10/2013	

Monthly Financial Reports:		Complete
November 2012	11/09/2012	
December 2012	12/10/2012	
January 2013	01/10/2013	
February 2013	02/10/2013	
March 2013	3/10/2013	
May 2013	4/10/2013	
June 2013	6/10/2013	
July 2013	7/10/2013	

## **J. Description of Work/Activities Planned for the next Month**

Activity	Description
Continue work on identified JIRA Items that can be addressed prior to deployment this month.	Please see items at <a href="https://tracker.nci.nih.gov/browse/LEXEVS">https://tracker.nci.nih.gov/browse/LEXEVS</a>
Bulk Download (UPITT requirements) work	NCI to discuss format needed with users.
Work has started on some of the loaders required for content	MedDRA and HL7 MIF loader work will start. OWL2 will await content creation by NCI.
Work will begin on the Global Search option	Global search to allow high speed searches across multiple coding schemes.
Updated Project Plan	Based on planning sessions the project plan will be updated.
Evaluate enhanced concept history	Will evaluate feasibility for future LexEVS versions.
Hierarch Traversal	Based on the evaluation of a graph database, Mayo will attempt to implement a graph database backend for hierarchy traversal.

## **K. Additional Reporting**

The LexEVS Team is engaging in preliminary design and architecture decisions for a number of loaders and performance enhancements.