

Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 12ST1106

June 2013

May 1 – May 31, 2012

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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	Load times for LoadOWL take significantly longer in 6.0
JIRA # 570	Loader messaging is poor and unhelpful
JIRA# 571	Ability to drop or load multiple resolved value sets
JIRA# 572	The exactMatch algorithm can fail.
JIRA# 573	LoadMetadata parameters not working
JIRA# 574	Update lucene to recent version

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	https://tracker.nci.nih.gov/browse/LEXEVS-553
JIRA #552	https://tracker.nci.nih.gov/browse/LEXEVS-552
JIRA #541	https://tracker.nci.nih.gov/browse/LEXEVS-551
JIRA #550	https://tracker.nci.nih.gov/browse/LEXEVS-550
JIRA #549	https://tracker.nci.nih.gov/browse/LEXEVS-549
JIRA #548	https://tracker.nci.nih.gov/browse/LEXEVS-548
JIRA #547	https://tracker.nci.nih.gov/browse/LEXEVS-547

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 https://tracker.nci.nih.gov/browse/LEXEVS
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.
Hierarchy 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.