

Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 12ST1106

August 2013

July 1 – July 31, 2013

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A. Technical Overview

Work was completed on a number of content loading functions not critical to deployment and content review of those loads started with some changes to the loads completed based on these reviews. Work began on deployment documentation and test deployments based on those documents. A number of issues around technical specifications surfaced and were either dealt with or put off until later.

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
Prepare REST Deployment	
Meet With NIH Security team over REST interface requirements	Slide preparation for a presentation required
Deploy New Loaders to Development Server	MedDRA, OWL2 and HL7 MIF Loader deployed
Add a new method to the SearchExtension to include an 'anonymous' flag. Leave existing methods as-is.	
Create a patch that increases the temporary RRF table column sizes as appropriate.	
Develop a CTS2 Promotion Strategy	
Report risks/concerns in moving to Java 1.7 for LexEVS and the CTS2 REST Services.	
Fixed problems with load and activation parameters in the ResolvedValueSet load script	
Review maven requirements for AntHill Pro	Detailed in PTE Creation.

Updated Struts jars as required by technical specifications	
Post Review of MedDRA load prompted code updates to this loader	
URI Resolver and CTS2 REST Interface completed	Major Support for a CTS2 compatible wrapper to LexEVS completed.

C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
Resolved Value Set implementation required automatic activation updates to the GUI.	
Load of Latest MetaThesaurus failed due to content changes. LexEVS to be updated accordingly.	

D. New Releases of the Software

Release	Description of the Release

E. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

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F. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
JIRA #554	https://tracker.nci.nih.gov/browse/LEXEVS-554
JIRA #553	https://tracker.nci.nih.gov/browse/LEXEVS-553
JIRA #552	https://tracker.nci.nih.gov/browse/LEXEVS-552
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: November 2012 December 2012 January 2013 February 2013 March 2013 May 2013 June 2013 July 2013	11/09/2012 12/10/2012 01/10/2013 02/10/2013 3/10/2013 4/10/2013 6/10/2013 7/10/2013	Complete
Monthly Financial Reports: November 2012 December 2012 January 2013 February 2013 March 2013 May 2013 June 2013 July 2013	11/09/2012 12/10/2012 01/10/2013 02/10/2013 3/10/2013 4/10/2013 6/10/2013 7/10/2013	Complete

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
GitHub Migration	A meeting will be scheduled to finalize the migration
Wrap up any Development Tasks	The Mayo team will finish executing the new development tasks that will not effect moving the release moving up the tiers.
Updated Project Plan	Based on planning sessions the project plan will be updated.
Evaluate moving LexEVS to Java 1.7	
Deploy LexEVS 6.1 to Dev	Dependent on JUnit's passing on the local CI server and resolution of any remaining issues with the REST service and URI resolution service deployments.
Deploy LexEVS 6.1 to QA	Dependent upon PTE documentation completion

K. Additional Reporting

The LexEVS team is wrapping up primary development tasks and proceeding to prepare for deployment to the development and Quality Assurance servers. As quality assurance and deployment tasks continue, fixes and updates to base code will continue as needed.