

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 13XS500 – Modification 4**

November 2014

October 1 – October 30, 2014

Submitted by:

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Date:

November 10, 2014

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A. Technical Overview

This month marked the beginning of a new contract. With many issues waiting in the wings to be corrected a formal Kickoff meeting has been put off until sometime around the November AMIA conference when some of both NCI and LexEVS will be in town. External users began becoming a part of the LexEVS/CTS2 community as supported by NCI/CBIIT open source code. While this became an extra task to provide help to these users, it was good to see uptake from 3 or 4 other organizations.

Please see the weekly meeting notes for details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.1+Maintenance+and+Operations+2014>

B. Issues Resolved Over the Covered Period

Activity	Description/Comments
Evaluation of the load of ICD-10 revealed issues both with the loader and a recent version of ICD10.	The RRF loader was corrected and provided the correct root structure when the source was properly authored.
Recognized risks in the URI resolver were brought to a head as the application was app scanned in preparation for a possible external exposure.	This required redoing the DAO implementation of this application since it was not designed to be exposed on an open port. This was completed and the app scan took place without any high or medium failures
External user support for lexevs/cts2 users.	Users from three different countries became a part of the LexEVS/CTS2 community
An abstract was written describing the prototyping of a common CTS2 client and was proposed to AMIA. This abstract was accepted and Mayo responded with an appropriate poster to present at the AMIA conference in November.	
Mayo also delivered an active only and all parameter option to the CTS2 Rest interface, which was subsequently updated.	

Activity	Description/Comments
A separate issue was discovered with the SNOMED transitivity load. This was corrected and delivered in late October.	
Mayo continued to supply support for deployment issues on Stage.	
Work began on the Tree extension feature request for multiple namespace traversals.	

C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
LEXEVS #671	https://tracker.nci.nih.gov/browse/LEXEVS-671
LEXEVS #672	https://tracker.nci.nih.gov/browse/LEXEVS-672
LEXEVS #673	https://tracker.nci.nih.gov/browse/LEXEVS-673
LEXEVS #674	https://tracker.nci.nih.gov/browse/LEXEVS-674

D. New Releases of the Software

Release	Description of the Release

E. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

Activity	Description of the Activity

F. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
LEXEVS #661	https://tracker.nci.nih.gov/browse/LEXEVS-661
LEXEVS #667	https://tracker.nci.nih.gov/browse/LEXEVS-667
LEXEVS #669	https://tracker.nci.nih.gov/browse/LEXEVS-669
LEXEVSCTS2 #26	https://tracker.nci.nih.gov/browse/LEXEVSCTS2-26
URIRESOLV #3	https://tracker.nci.nih.gov/browse/URIRESOLV-3

Activity/Issue	Description/Comments

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/pages/viewpage.action?pageId=238354574>

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	2014.09.16	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Technical Reports: October 2014	2014.11.10	Complete
Monthly Financial Reports: October 2014	2014.11.10	Complete

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

Activity	Description
Decide and plan on goals and activities for the upcoming contract	
Continue support for production deployment	
OWL loader work to start along with wrap up of RRF load and Tree extension.	
Present Poster at AMIA.	
Work on any other prioritized items possible during this month truncated by trips and the holiday.	

K. Additional Reporting

Support for the move and deployment of the new hardware continued this month, but the focus shifted to fixing two aspects of the RRF load, the AMIA conference and what will be on the agenda for the coming year. Some cleanup of issues associated with the appscans continued and completed largely with out issues.