Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 13XS500 – Modification 4

July 2015

June 1 – June 30, 2015

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:

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Contents

A.   Technical Overview

Sprint 6 consisted of Lucene work to refactor the indexer project, moving Lucene packages and removing unused code. The Lucene block join prototype was also started. Additionally, for the CTS2 API documentation service, the sample required parameters were updated to work with LexEVS 6.3 content.

In sprint 7, the Lucene block join prototype was completed. After much investigation, we were able to get the prototype working with Lucene 5.2.1 and this will be the version of Lucene we will use going forward. The LexEVS code base was updated to reference this new Lucene version. There was an MRMAP loader issue that was investigated and resolved. LexEVS 6.3 has been deployed to production and the LexEVS 6.3 code base has been tagged as FINAL. The LexEVS CTS2 Service will be deployed and tested on the development server.

It was found that the CTS2 API documentation service is using a version of NPM and Node.js that has a security issue. This service will need to be updated along with the version of NPM and Node.js that it requires before it can be installed at NCI. This is a lower priority issue as we currently have the service running on an external public site.

We also provided continued product maintenance and deployment support across both sprints.

Please see the weekly meeting notes for details:

https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.3+and+6.4+Weekly+Meeting+Minutes

B.   Issues Resolved Over the Covered Period

Activity	Description/Comments
6.4 Lucene project – Sprint 5 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=323
6.4 Lucene project – Sprint 6 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=337
6.4 Lucene project – Sprint 7 started	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=352
LEXEVS-942	MRMAP loader doesn't load all available mappings.

Activity	Description/Comments
LEXEVS-980	Unable to retrieve source and target versions of a mapping coding scheme through Relations API.

C.   New Issues Identified

Activity/Issue	Description to corrective activity/issue
LEXEVS-970	OWL2 loader not backwards compatible with OWL1 sources
LEXEVS-971	TreeService getTree method fails on Zebrafish.
LEXEVS-999	MedDRASecurity OutOfMemoryError issue.
LexEVS 6.4 - Sprint 5	LexEVS 6.4 Sprint 5 Stories
LexEVS 6.4 - Sprint 6	LexEVS 6.4 Sprint 6 Stories
LexEVS 6.4 - Sprint 7	LexEVS 6.4 Sprint 7 Stories

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
LexEVS 6.4 - Sprint 7	LexEVS 6.4 Sprint 7 Stories

G.   Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

Activity/Issue	Description to corrective activity/issue
LexEVS 6.3 needs to be deployed to production.	With the additional work associated with the release of LexEVS 6.3 to production, we will be required to take additional development resources to assist in this effort. This will push out the LexEVS 6.4 Lucene timeline.

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

We have created a JIRA agile board for the LexEVS 6.4 Lucene release at:

- https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220

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	11/10/2014	In Progress
Monthly Technical Reports: October 2014 November 2014 December 2014 January 2015 February 2015 March 2015 April 2015 May 2015 June 2015	 11/10/2014 12/10/2014 01/10/2015 02/10/2015 03/10/2015 04/10/2015 05/10/2015 06/10/2015 07/10/2015	 Complete Complete Complete Complete Complete Complete Complete Complete Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Financial Reports:		
October 2014	11/10/2014	Complete
November 2014	12/10/2014	Complete
December 2015	01/10/2015	Complete
January 2015	02/10/2015	Complete
February 2015	03/10/2015	Complete
March 2015	04/10/2015	Complete
April 2015	05/10/2015	Complete
May 2015	06/10/2015	Complete
June 2015	07/10/2015	Complete

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

Activity	Description
LexEVS 6.4 Lucene development	Continue development on Lucene changes based on our approved design document.
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

K.   Additional Reporting