Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 13XS500 – Modification 6

December 2015

November 1 – November 30, 2015

Submitted by:

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Date:

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Contents

A.   Technical Overview

Sprint 16 (October 29, 2015 – November 11, 2015) consisted of verifying and documenting several different types of implemented Lucene search functionality, fixing the cleanup script to work with the new Lucene implementation, determining where our build process was breaking and setting up a continuous integration server to run against our LexEVS release branches.

In sprint 17 (November 12, 2015 – November 24, 2015), we implemented codedNodeSet union/intersection/difference functionality and worked on OWL2, OBI and NPO issues.

We started work on sprint 18 (November 26, 2015 – December 9, 2015), which is mostly preparing for our face-to-face meeting with NCI in December.

We also provided continued product maintenance and deployment support across all 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 16 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=473
6.4 Lucene project – Sprint 17 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=490
6.4 Lucene project – Sprint 18 started	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=503
LEXEVS-970	Identify issues associated to "OWL2 loader not backwards compatible with OWL1 sources"
LEXEVS-1033	OBI SupportedNamespaces data issue.
LEXEVS-1034	NPO SupportedNamespaces data issue.

C. New Releases of the Software

Release	Description of the Release
LexEVS 6.3.0.1	Patch release to fix loader issues and added lbGUI features.

D. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

E. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
LexEVS 6.4 - Sprint 18	LexEVS 6.4 Sprint 18 Stories

F. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
LexEVS 6.4 Lucene Development	Many of the tasks associated with implementing the new Lucene 5.3.1 search engine are unknown in size. This has the potential of pushing out the release date as we encounter these tasks.

G. 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&view=planning.nodetail

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.

H.   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 July 2015 August 2015 September 2015 October 2015 November 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 08/10/2015 09/10/2015 10/10/2015 11/10/2015 12/10/2015	 Complete Complete Complete Complete Complete 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
July 2015	08/10/2015	Complete
August 2015	09/10/2015	Complete
September 2015	10/10/2015	Complete
October 2015	11/10/2015	Complete
November 2015	12/10/2015	Complete

I. 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.
Face to Face Visit with NCI	Mayo Development team will travel to NCI to discuss a wide range of LexEVS topics on December 8, 2015 – December 10, 2015.

J. Additional Reporting