Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 13XS500 – Modification 4

January 2015

December 1 – December 31, 2014

Submitted by:

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Date:

January 10, 2015

Contents

A.   Technical Overview

Planning for the rework of the Lucene search implementation began this month. Since Lucene is at the center of the search capability of LexEVS, this represents a major rework of the core implementation of this application. The principal developer of much of the current LexEVS was brought in to help with the design of the update. Since this was the holiday season much of the development activity slowed down, but updates to the OWL2 loader continued in the meantime. In the interest of providing more support to users of CTS2, an application for using REST services has been evaluated with using it for documentation in mind. CTS2 was also demonstrated to EPA representatives who have an interest in a terminology service served up as REST.

Please see the weekly meeting notes for details:

https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.3+and+7.0+Weekly+Meeting+Minutes

B.   Issues Resolved Over the Covered Period

Activity	Description/Comments
Planning for the Lucene update (On going)	
EPA Demo	
OWL2 Updates have begun	
Continuing evaluations and updates to the tree extension	
Created a common code contribution system	Need to document this, post to github and provide to NCI
Evaluation of Resume Batch	

C.   New Issues Identified

Activity/Issue	Description to corrective activity/issue

Activity/Issue	Description to corrective activity/issue
LEXEVS #684	https://tracker.nci.nih.gov/browse/LEXEVS-684
LEXEVS #685	https://tracker.nci.nih.gov/browse/LEXEVS-685
LEXEVS JIRA# 676	https://tracker.nci.nih.gov/browse/LEXEVS-676
LEXEVS JIRA# 677	https://tracker.nci.nih.gov/browse/LEXEVS-677
LEXEVS JIRA# 678	https://tracker.nci.nih.gov/browse/LEXEVS-678
LEXEVS JIRA# 679	https://tracker.nci.nih.gov/browse/LEXEVS-679
LEXEVS JIRA# 680	https://tracker.nci.nih.gov/browse/LEXEVS-680
LEXEVS JIRA# 681	https://tracker.nci.nih.gov/browse/LEXEVS-681
LEXEVS JIRA# 682	https://tracker.nci.nih.gov/browse/LEXEVS-682
LEXEVS JIRA# 683	https://tracker.nci.nih.gov/browse/LEXEVS-683

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 #661	https://tracker.nci.nih.gov/browse/LEXEVS-661

Activity/Issue	Description/Comments
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
LEXEVS #685	https://tracker.nci.nih.gov/browse/LEXEVS-685
LEXEVS #684	https://tracker.nci.nih.gov/browse/LEXEVS-684
LEXEVS #682	https://tracker.nci.nih.gov/browse/LEXEVS-682

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	11/10/20114	In Progress
Monthly Technical Reports: October 2014 November 2014	11/10/2014 12/10/2014 01/10/2015	Complete
Monthly Financial Reports: October 2014 November 2014	11/10/2014 12/10/2014 01/10/2015	Complete

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

Activity	Description
Continued planning of 6.4 implementation focusing on Lucene.	
Wrap up of the 6.3 portion of the OWL2 implementation.	
Wrap up of the CTS2 Value Set issues	
Continued support of LexEVS 6.2 for deployment to Production.	
Documentation of Loaders	

K.   Additional Reporting

Deployment to stage of LexEVS 6.2 with marked another milestone for LexEVS. Focus on planning and OWL implementation occurred as holiday schedules allowed.   CTS2 updates continued with some emphasis on NLM updates and outstanding issues.