Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 16X237

December 2016

November 1 – November 30, 2016

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Contents

A.   Technical Overview

Sprint 42 (October 27, 2016 - November 9, 2016) has been completed. In this sprint, the CTS2 service, Remote client, and URI Resolver were updated to be compatible with Java 8. The LexEVS 6.4.1.2 patch was built. Other issues fixed included loader and search issues.

Sprint 43 (November 10, 2016 - November 22, 2016) has been completed. In this sprint, several admin user interface and command line issues were resolved. Additional issues were resolved for Java 8 compatibility. Additionally, there were updates to the Docker scripts to ensure the tests ran on MySQL 5.5 and there was time set aside for our Face-to-Face preparation in Washington D.C at the end of November.

Sprint 44 (November 24, 2016 - November 22, 2016) has been started. During the sprint, the Mayo development team traveled to Washington D.C. for meetings November 28th through December 3rd. The main objectives of this trip were to get through the process to receive a PIV card and to have Face-to-Face meetings with the NCI team to discuss features and requirements to work on for the next year.

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+16X237+Weekly+Meeting+Minutes

Issues Resolved Over the Covered Period

Sprint	Activity	Description/Comments
Sprint 42	LexEVS Development - Sprint 42	LexEVS Development Sprint 42 Stories
Sprint 42	CTS2FW-10	Java 8: Jetty builtin Console fails in java 8
Sprint 42	CTS2FW-23	Java 8: Code System Read Soap Endpoint fails in Java 8
Sprint 42	LEXEVS-2316	Nexus: Remove Mayo Proxy in NCI's Nexus server.
Sprint 42	LEXEVS-2412	OBI search failing for some values
Sprint 42	LEXEVS-2414	Search by source code in Meta fails
Sprint 42	LEXEVS-2415	Investigate loading of duplicated resolved value sets
Sprint 42	LEXEVS-2430	Create Jenkins Configuration for lexevs 6.4.2 (Java 8) testing

Sprint	Activity	Description/Comments
Sprint 42	LEXEVS-2434	6.4.1.2 Patch: Build artifacts for 6.4.1.2 patch
Sprint 42	LEXEVS-2439	6.4.1.2 Patch: Put lexevs 6.4.1.2 artifacts on NCI Nexus server
Sprint 42	LEXEVS-2442	6.4.1.2 Patch: Update Wiki for 6.4.1.2 patch release
Sprint 42	LEXEVS-2448	OWL1 load fails on manifest load
Sprint 42	LEXEVS-2455	Update PTEs for 6.4.1.2 patch release
Sprint 42	LEXEVSCTS2-94	6.4.1.2 Patch: Build artifacts for 6.4.1.2 patch
Sprint 42	LEXEVSREM-29	Java 8: Update lexevs-remote to Java 1.8
Sprint 42	LEXEVSREM-52	6.4.1.2 Patch: Build artifacts for 6.4.1.2 patch
Sprint 42	LEXREMCLI-5	Java 8: Update and publish lexevs-remote client in 6.4.0 branch for java 1.8 updates
Sprint 42	URIRESOLV-6	Java 8: Update and publish URI RESOLVER for java 1.8 updates
Sprint 43	LexEVS Development - Sprint 43	LexEVS Development Sprint 41 Stories
Sprint 43	CTS2FW-11	Java 8: Update and publish cts2-framework for java 1.8 updates
Sprint 43	LEXEVS-2241	CLI: Externalize representsVersion from manifest to a command line parameter
Sprint 43	LEXEVS-2288	LB GUI: Sort columns in LexBIG GUI
Sprint 43	LEXEVS-2459	LB GUI: 'Load Terminology' menu needs sorted
Sprint 43	LEXEVS-2463	CLI: ResolvedValueSet Loading script does not apply Tag
Sprint 43	LEXEVS-2464	Face-to-Face Preparation
Sprint 43	LEXEVS-2477	Nexus: Investigate how to publish Maven artifacts to NCI Nexus server
Sprint 43	LEXEVS-2483	LB GUI: Investigate why the "Next Load" button is enabled before the process is complete
Sprint 43	LEXEVS-2493	I want Docker scripts to be able to run with MySQL 5.5 for LexEVS 6.4.2
Sprint 43	LEXEVS-2494	I want Docker scripts to be able to run with MySQL 5.5 for LexEVS 6.4.0
Sprint 43	LEXEVSCTS2-81	Java 8: Update and publish supporting artifacts for lexevs-service for java 1.8 updates

B.   New Releases of the Software

Release	Description of the Release
Release Date: Sprint 42 – November 9, 2016 The LexEVS 6.4.1.2 patch release consists of the following 3 components: LexEVS API • LexEVS-install-config-6.4.1.2.FINAL.xml • LexEVS-install-6.4.1.2.FINAL.jar • extLib-6.4.1.2.FINAL.zip • lexbig-6.4.1.2.FINAL.jar LexEVS Remote API • lexevsapi64-6.4.1.2.FINAL.war Lexevs CTS2 • lexevs-service-1.5.1.2.FINAL.war	LexEVS 6.4.1.2 FINAL Release LexEVS 6.4.1.2 Release Notes for the final release. Defects fixed since the previous release: LEXEVS-2413 hashCode Method in CodingSchemeReference can fail.

C.   Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity
Added new wiki pages for LexEVS 6.4.1.2 patch release	• https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.4.1.2+Installation+Options • https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.4.1.2+Release+Notes • https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.4.1.1

D.   Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 44	LexEVS Development - Sprint 44	LexEVS 6.4 Sprint 44 Stories
Sprint 44	LEXEVS-2505	Provide continued Administrative Support (Sprint 44) – Face-to-Face

E.   Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

F. 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+Project+16X237+Documents

We have created a JIRA agile board for the LexEVS Development at:

- https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=374&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.

G. Status of Deliverables

Deliverable/Milestone	Delivery Date	Status
Project Management Plan (PMP)	20 days following Project Kickoff	In Process
Project Financial Plan (PFP)	20 days following Project Kickoff	Complete
Maintenance of Software System	09/30/2017	In Process
Provide Technical Expertise	09/30/2017	In Process
Project Wiki	10/20/2017	Complete
Monthly Technical Reports: October 2016 November 2016	 11/10/2016 12/10/2016	 Complete Complete
Monthly Financial Reports: October 2016 November 2016	 11/10/2016 12/10/2016	 Complete Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Post Face-To-Face planning	Plan and prioritize features for to work on over the next year.

Activity	Description
LexEVS 6.4.1.3 Patch	Loader and admin changes.
6.4.2 development	Complete Java 1.8 upgrade.
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

I.   Additional Reporting

Activity	Description
Project Roadmaps	- Roadmap 2016.11.01 - Roadmap 2016.11.08
Sprint Status	- Sprint 42 - Sprint 43 - Sprint 44