Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 16X237

November 2016

October 1 – October 31, 2016

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Date:

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Contents

A.   Technical Overview

LexEVS contract (No. 16X237) started October 1st, 2016.

Sprint 40 (September 29, 2016 - October 12, 2016) has been completed. In this sprint, the LexEVS builds were updated to pull artifacts from the NCI Nexus server and updates were made to LexEVS to support Java 1.8.

Sprint 41 (October 13, 2016 - October 26, 2016) has been completed. In this sprint, LexEVS 6.4.1.1 patch was delivered to NCI and there was continued work for LexEVS to support Java 1.8 for LexEVS 6.4.2.

Sprint 42 (October 27, 2016 - November 9, 2016) has been started, and will be reported on next month.

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 40	LexEVS Development - Sprint 40	LexEVS Development Sprint 40 Stories
Sprint 40	CTS2FW-1	Update maven pom.xml to pull artifacts from the NCI Nexus Server
Sprint 40	CTS2FW-5	Create Git fork of the CTS2 Framework for LexEVS work
Sprint 40	LEXEVS-2313	Nexus: Update new builds to point to NCI's nexus server
Sprint 40	LEXEVS-2314	Nexus: Update Docker to include maven and ivy changes to point to the NCI Nexus server
Sprint 40	LEXEVS-2315	Nexus: Investigate using maven and ivy files to publish to NCI's nexus server
Sprint 40	LEXEVS-2328	Searching for metathesaurus concept with source SRC and source-code V-NCI is failing.
Sprint 40	LEXEVS-2329	Nexus: Update ant build to pull artifacts from the NCI Nexus Server
Sprint 40	LEXEVS-2341	Docker: Architect how to parameterize all of the options to run the script
Sprint 40	LEXEVS-2346	Implement Docker fix for Centos7 to have all LexEVS Systems Run
Sprint 40	LEXEVS-2355	Java 1.8: Investigate and Plan for Java 8 update in LexEVS 6.4.2

Sprint	Activity	Description/Comments
Sprint 40	LEXEVSCTS2-74	Nexus: Update maven pom.xml to pull artifacts from the NCI Nexus Server
Sprint 40	LEXEVSREM-19	Verify Deployment: Run Client project against Production when production URL goes live
Sprint 40	LEXEVSREM-20	Fix LexEVS Remote LexEVSService Test Issues
Sprint 41	LexEVS Development - Sprint 41	LexEVS Development Sprint 41 Stories
Sprint 41	CTS2FW-9	Java 8: Groovy Getters and Setters create RuntimeException in Java 8
Sprint 41	CTS2FW-24	Java 8: AbstractServiceAwareBean controller throws unexpected exception in Java 8
Sprint 41	LEXEVS-2362	Java 8: Update LexEVS 6.4.0 branch for Java 1.8
Sprint 41	LEXEVS-2381	6.4.1.1 Patch: Build artifacts for 6.4.1.1 patch
Sprint 41	LEXEVS-2387	6.4.1.1 Patch: Put lexevs 6.4.1.1 artifacts on NCI Nexus server
Sprint 41	LEXEVS-2391	6.4.1.1 Patch: Update Wiki for 6.4.1.1 patch release
Sprint 41	LEXEVS-2398	Java 8: Getters and setters fail in Java 1.8
Sprint 41	LEXEVS-2402	6.4.1.1 Patch: Update system test for NCI Nexus server
Sprint 41	LEXEVS-2408	Update lexevs-system-test scripts to Java 1.8
Sprint 41	LEXEVSCTS2-87	6.4.1.1 Patch: Build artifacts for 6.4.1.1 patch
Sprint 41	LEXEVSREM-45	6.4.1.1 Patch: Build artifacts for 6.4.1.1 patch

B.   New Releases of the Software

Release	Description of the Release

Release Date: Sprint 41 – October 26, 2016 The LexEVS 6.4.1.1 patch release consists of the following 3 components: LexEVS API • LexEVS-install-config-6.4.1.1.FINAL.xml • LexEVS-install-6.4.1.1.FINAL.jar • extLib-6.4.1.1.FINAL.zip • lexbig-6.4.1.1.FINAL.jar LexEVS Remote API • lexevsapi64-6.4.1.1.FINAL.war Lexevs CTS2 • lexevs-service-1.5.1.1.FINAL.war	LexEVS 6.4.1.1 FINAL Release LexEVS 6.4.1.1 Release Notes for the final release. Defects fixed since the previous release: LEXEVS-2328 Searching for metathesaurus concept with source SRC and source-code V-NCI is failing

C.   Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity
Added new wiki pages for LexEVS 6.4.1.1 patch release	• https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.4.1.1+Installation+Options • https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.4.1.1+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 42	LexEVS Development - Sprint 42	LexEVS 6.4 Sprint 42 Stories
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-2413	hashCode Method in CodingSchemeReference can fail
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 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-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

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

Deliverable/Milestone	Delivery Date	Status
Project Management Plan (PMP)	10/20/2016	Complete
Project Financial Plan (PFP)	10/20/2016	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	11/10/2016	Complete
Monthly Financial Reports: October 2016	11/10/2016	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Plan Face-to-Face Meeting	Face-to-Face meeting will be November 30th – December 2nd.
6.4.2 development	Finish up 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 40 • Sprint 41 • Sprint 42