Monthly Technical Status Report

LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 1

December 2020
November 1 – November 30, 2020

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Contents

A.   Technical Overview

Sprint 146 (October 22, 2020 – November 4, 2020) has been completed. In this sprint, the team deployed the Report Exporter to the AWS QA tier for testing. The team also made some OWL loader fixes in LexEVS and delivered a LexEVS 6.5.4.2 release with loader updates.

Sprint 147 (November 5, 2020 – November 18, 2020) has been completed. In this sprint, the team fixed an error handling situation in the Report Exporter. For LexEVS, the team tested the MySQL upgrade to 5.7, created a single touch loader script for NCI Thesaurus, optimized the NCI history load, and delivered a LexEVS 6.5.4.3 release candidate with the mentioned loader updates.

Sprint 148 (November 19, 2020 – December 2, 2020) 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+20X048F+Weekly+Meeting+Minutes

Issues Resolved Over the Covered Period:

Sprint	Activity	Description/Comments
Sprint 146	LexEVS Development - Sprint 146	LexEVS 6.5 Sprint 146 Stories
Sprint 146	EVSREPEXP-193	Create a JSON test suite
Sprint 146	EVSREPEXP-208	Deploy Report Exporter to AWS QA tier
Sprint 146	LEXEVS-500	Merge history loader fix to 6.5.4.2
Sprint 146	LEXEVS-5008	OWL (One) loader fails due to legacy icu4j library
Sprint 146	LEXEVS-5011	Add LexEVS branches/tags to the NCIP channel
Sprint 147	LexEVS Development - Sprint 147	LexEVS 6.5 Sprint 147 Stories
Sprint 147	EVSREPEXP-107	Create and update Requirements Document
Sprint 147	EVSREPEXP-166	Create Error Message/Handling when for Branch Resolution When Node has no Children
Sprint 147	LEXEVS-4962	Test migration of MySQL 5.6 -> 5.7

Sprint	Activity	Description/Comments
Sprint 147	LEXEVS-4980	Optimize LoadNCIHistory
Sprint 147	LEXEVS-4992	Single touch loader script for NCIt
Sprint 147	LEXEVS-5019	OWL2 Loader removes extension from namespace in OWL one Loader
Sprint 147	LEXEVS-5020	OWL2 Loader does not load rdfs:comments properly into Comment Object
Sprint 147	LEXEVS-5021	OWL2 Loader does not retain the special character values of the source file
Sprint 147	LEXEVS-5022	Validate the Balance of OWL2 Loader Issues Running Against OWL 1 sources
Sprint 147	LEXEVS-5023	Review and debug the replacement option function for the history loader
Sprint 147	LEXEVS-5035	Create LexEVS 6.5.4.3.RC1
Sprint 147	LEXEVS-5041	OWL2 Loader doesn't properly handle language designations.
Sprint 147	LEXEVS-5047	MySQL 5.6 -> 5.7 Configuration Requirement

B.   New Releases of the Software

Release	Description of the Release
Release Date: Sprint 146: October 22, 2020 – November 4, 2020 The LexEVS 6.5.4.2.FINAL release consists of the following components: LexEVS API • LexEVS-install-config- 6.5.4.2.FINAL.xml • LexEVS-install- 6.5.4.2.FINAL.jar • extLib- 6.5.4.2.FINAL.zip • lexbig- 6.5.4.2.FINAL.jar	**LexEVS 6.5.4.2.FINAL** Highlights • Loader Fixes • Release Notes

C.   Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D.   Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 148	LexEVS Development - Sprint 148	LexEVS 6.5 Sprint 148 Stories
Sprint 148	EVSREPEXP-220	Export Entity: maps_to data exported is inconsistent with NCIT and evsrest api
Sprint 148	EVSREPEXP-228	Investigate how to handle long running reports
Sprint 148	EVSREPEXP-232	Update git README with deployment instructions
Sprint 148	EVSREPEXP-234	Investigate Jenkins Dev Build not building selected branch
Sprint 148	LEXEVS-5046	Update selected Loader Scripts to More Reasonable Default Heap Size
Sprint 148	LEXEVS-5051	Build 6.5.4.3.RC2

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+20X048F+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 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	Ongoing	In Process
Provide Technical Expertise	Ongoing	In Process
Project Wiki	10/20/2019	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Technical Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
Monthly Financial Reports:		
August 2019	09/10/2019	Complete
September 2019	10/10/2019	Complete
October 2019	11/10/2019	Complete
November 2019	12/10/2019	Complete
December 2019	01/10/2020	Complete
January 2020	02/10/2020	Complete
February 2020	03/10/2020	Complete
March 2020	04/10/2020	Complete
April 2020	05/10/2020	Complete
May 2020	06/10/2020	Complete
June 2020	07/10/2020	Complete
July 2020	08/10/2020	Complete
August 2020	09/10/2020	Complete
September 2020	10/10/2020	Complete
October 2020	11/10/2020	Complete
November 2020	12/10/20 20	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Continued support for LexEVS	• Continue to work with the NCI team on new and existing issues.
Support for LexEVS release	• Support of LexEVS 6.5.4 release, including loader updates as needed.
Work on Report Explorer	• Development on new report exporter application as well as build and deployment to QA and Stage. • Make updates to the report exported based on user feedback.

I.   Additional Reporting

Activity	Description
Sprint Status	• Sprint 146 • Sprint 147 • Sprint 148