Monthly Technical Status Report

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

January 2021
December 1 – December 31, 2020

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Contents

A. Technical Overview

Sprint 148 (November 19, 2020 – December 2, 2020) has been completed. In this sprint, the team investigated how to perform polling for long running downloads for the Report Exporter as well as fixing a mapping issue in the report. The team also made updates to the LexEVS loader scripts, updated the license files and built a 6.5.4.3 Release Candidate.

Sprint 149 (December 3, 2020 – December 16, 2020) has been completed. In this sprint, the team added a new feature to poll for long running downloads and fixed a bug where a property was missing from the download.

Sprint 150 (December 17, 2020 – December 30, 2020) has been completed. In this sprint, the team implemented the long polling in the user interface, performed some stress testing on the new long polling feature, fixed an issue where the preferred name property was not in the report, and filtered out retired concepts from being seen in the NCI tree.

Sprint 151 (December 31, 2020 – January 13, 2021) 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 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
Sprint 149	LexEVS Development - Sprint 149	LexEVS 6.5 Sprint 149 Stories

Sprint	Activity	Description/Comments
Sprint 149	EVSREPEXP-221	Exportentity_synonyms missing when all the properties selected in Excel,TAB,CSVD format
Sprint 149	EVSREPEXP-233	Implement long polling prototype for Branch Resolutions
Sprint 149	EVSREPEXP-249	Resolution Export Metrics
Sprint 149	LEXEVS-5018	Update Copyright for LexEVS projects
Sprint 150	LexEVS Development - Sprint 150	LexEVS 6.5 Sprint 150 Stories
Sprint 150	EVSREPEXP-238	Concurrent test/evaluation for rest ui integration
Sprint 150	EVSREPEXP-246	Preferred_Name property is not displayed in the report.
Sprint 150	EVSREPEXP-247	Filter Retired Concept Top node from Top Node service results
Sprint 150	EVSREPEXP-248	Create cleanup Thread for Timed Out and Cached Requests
Sprint 150	EVSREPEXP-250	Implement ability to perform long polling in UI
Sprint 150	EVSREPEXP-251	Revisiting testing for 223, 247, 248

B.   New Releases of the Software

Release	Description of the Release
Release Date: Sprint 148: November 19, 2020 – December 2, 2020 The LexEVS 6.5.4.3.RC2 release consists of the following components: LexEVS API • LexEVS-install-config- 6.5.4.3.RC2.xml • LexEVS-install- 6.5.4.3.RC2.jar • extLib- 6.5.4.3.RC2.zip • lexbig- 6.5.4.3.RC2.jar	**LexEVS 6.5.4.3.RC2** Highlights • OWL2 Loader Fixes

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 150	LexEVS Development - Sprint 150	LexEVS 6.5 Sprint 150 Stories
Sprint 150	EVSREPEXP-229	Export Entities: Error message when given a invalid code is not proper message
Sprint 150	EVSREPEXP-242	Add NCI Warning Banner to Report Exporter UI
Sprint 150	EVSREPEXP-252	UI: Add Download page where user can download deferred exports
Sprint 150	EVSREPEXP-256	Update services to accommodate long code lists

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

Deliverable/Milestone	Delivery Date	Status
Maintenance of Software System	Ongoing	In Process
Provide Technical Expertise	Ongoing	In Process
Project Wiki	10/20/2019	Complete
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	12/10/2020	Complete
December 2020	01/10/2021	Complete

Deliverable/Milestone	Delivery Date	Status
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
December 2020	01/10/2021	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

Activity	Description
Sprint Status	- Sprint 148 - Sprint 149 - Sprint 150