

Monthly Technical Status Report

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

June 2021
May 1 – May 31, 2020

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

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Contents

- Monthly Technical Status Report1
- A. Technical Overview.....3
- B. New Releases of the Software.....4
- C. Presentations, Documentation Updates, Community Communication4
- D. Outstanding Issues Being Actively Worked4
- E. Critical Risks or External Dependencies.....5
- F. Status of Deliverables/Milestones Overview5
- G. Status of Deliverables5
- H. Description of Work/Activities Planned for the next Month.....7
- I. Additional Reporting8

A. Technical Overview

Sprint 159 (April 22, 2021 – May 5, 2021) has been completed. In this sprint, the team made updates to the Report Exporter UI dependencies, updating the versions of its dependencies, increasing the memory buffer for entity resolution in the service as well as improving performance for validation of specific resolution types. The team also started researching the EVS Statistics Dashboard.

Sprint 160 (May 6, 2021 – May 19, 2021) has been completed. In this sprint, the team researched how to get custom events from the Google API and assisted the QA team with the Report Exporter 1.1 release on the QA tier.

Sprint 161 (May 20, 2021 – June 2, 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 159	LexEVS Development - Sprint 159	LexEVS 6.5 Sprint 159 Stories
Sprint 159	EVSREPEXP-180	Test Scenarios:Acceptance Criteria
Sprint 159	EVSREPEXP-398	Metrics Dashboard Investigation
Sprint 159	EVSREPEXP-399	Update Google Analytics ID for new domain
Sprint 159	EVSREPEXP-400	Set Up requirements breakdown for v1.1
Sprint 159	EVSREPEXP-401	Investigate Google Analytic Reporting API
Sprint 159	EVSREPEXP-403	Memory Buffer Error on Entity Resolution in Report Exporter service
Sprint 159	EVSREPEXP-404	UI: Update y18n NPM dependency
Sprint 159	EVSREPEXP-405	UI: Update ssri NPM dependency
Sprint 159	EVSREPEXP-406	UI: Update all NPM dependencies
Sprint 159	EVSREPEXP-407	Improve Performance for Validation of Specific resolution types
Sprint 160	LexEVS Development - Sprint 160	LexEVS 6.5 Sprint 160 Stories
Sprint 160	EVSREPEXP-308	Coordinate EVS tools page announcement
Sprint 160	EVSREPEXP-408	Support for 1.1 release of Report Exporter on QA

Sprint	Activity	Description/Comments
Sprint 160	LEXEVS-5114	Discuss LexEVS Technical Debt
Sprint 160	LEXEVS-5116	Investigate how to get custom events from the google api

B. New Releases of the Software

Release	Description of the Release
Sprint 160 (May 6, 2021 – May 19, 2021) Report Exporter 1.0 officially released	<p>https://evs.cancer.gov/report-exporter</p> <p>The EVS Report Exporter is an application that allows EVS users to extract data from the NCI Thesaurus (NCIt) triple store database using the EVSRESTAPI. This application provides users flexibility in downloading concept data from NCIt. Users are able to select terms from the NCIt by entering one or more NCIt concepts. The user can choose which properties from the enumerated concepts to download, select a file format, and download as a file. Users are also able to generate reports by entering a list of concept codes or choosing the concept code of a top node of the NCIt hierarchy, thereby selecting an NCIt branch to resolve. Hierarchies may be downloaded to the users chosen level, which can include the entire hierarchy.</p>

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 161	LexEVS Development - Sprint 161	LexEVS 6.5 Sprint 161 Stories
Sprint 161	EVSREPEXP-409	Associations With 'DisjointWith' Relationships Are Not Exported – Issue
Sprint 161	EVSREPEXP-414	UI: Update all NPM dependencies
Sprint 161	EVSSTATS-1	UI: Design and initial screen layout

Sprint 161	EVSSTATS-2	Investigate use of PowerBI as an alternative to web interface for stats reports
Sprint 161	EVSSTATS-3	Investigate Logstash as filter to filebeats
Sprint 161	LEXEVS-5115	Investigate log implementation for ELK stack around Apache logging

E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
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F. Status of Deliverables/Milestones Overview

We have created a project wiki sites out on Confluence Wiki at:

- <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+20X048F+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/Report+Exporter+Project+Documents>
- <https://wiki.nci.nih.gov/display/LexEVS/EVS+Analytics+Dashboard+Project+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	12/10/2020	Complete
December 2020	01/10/2021	Complete
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 2021	05/10/2021	Complete
May 2021	06/10/2021	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
January 2021	02/10/2021	Complete
February 2021	03/10/2021	Complete
March 2021	04/10/2021	Complete
April 201	05/10/2021	Complete
May 2021	06/10/2021	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	<ul style="list-style-type: none"> Continue to work with the NCI team on new and existing issues.
Support for LexEVS release	<ul style="list-style-type: none"> Support of LexEVS 6.5.4 release, including loader updates as needed.
Work on Report Explorer	<ul style="list-style-type: none"> Determine new features with product owner
Research/Investigate Statistics Dashboard	<ul style="list-style-type: none"> Research tools available to gather log statistics for EVS Applications. Research PowerBI, Sumo Logic

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none">• Sprint 159• Sprint 160• Sprint 161