

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 2**

May 2022
April 1 – April 30, 2022

Submitted by:

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Date:
May 10, 2022

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A. Technical Overview

Sprint 183 (23/Mar/22– 07/Apr/22) has been completed. In this sprint, the team removed log4j vulnerabilities from the local loaders. The URI Resolver was updated to fix an issue with the Snomed CT to Snomed CT US namespace change, with the ability added to resolve top level domains. Sumo Logic reports were created for visit duration and reorganizing data download usage.

Sprint 184 (07/Apr/22– 21/Apr/22) has been completed. In this sprint, the team continued work on the Metathesaurus loader. A Sumo Logic report was created with a summary for the month of March. A new HHS Vulnerability footer link was added to the Report Exporter and CTS2 Docs applications. The team started the process of updating the Spring version in the LexEVS application, a project that is expected to take multiple sprints and several months.

Sprint 185 (21/Apr/22– 05/May/22) Will be completed at the end of this reporting period and has been reported on accordingly. The Report Exporter footer update reached Production and the CTS2 Docs application was submitted for systems deployment. Work continued on the Spring update, with most focus being placed on updating from Ibatis to Mybatis for the database interface.

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 183	LexEVS Development -Sprint 183	LexEVS 6.5 Sprint 183 Stories
Sprint 183	EVSREPEXP-14	Update Docker script to fix ui/server connection issues
Sprint 183	EVSSTATS-35	Create query to retrieve duration of visits per month
Sprint 183	EVSSTATS-90	Create report that shows EVS Download/Data usage and visits for selected time period
Sprint 183	EVSSTATS-94	Start List of Bots and Health Checkers for Source Filters
Sprint 183	LEXEVS-5238	Update loaders for log4j remediation
Sprint 183	URIRESOLV-55	Update to SNOMED Resource Name Required
Spring 183	URIRESOLV-56	Add capability to resolve top level domains

Sprint	Activity	Description/Comments
Sprint 184	LexEVS Development Sprint - 184	LexEVS 6.5 Sprint 184 Stories
Sprint 184	EVSSTATS-91	Create report that shows download counts and size
Sprint 184	LEXEVS-5242	IbPackager still including old log4j
Sprint 184	LEXEVSCTS2-424	Add links to CTS2 Docs per HHS template
Sprint 185	LexEVS Development Spring - 185	LexEVS 6.5 Sprint 185 Stories
Sprint 185	EVSREPEXP-445	Add Vulnerability Link to Report Exporter
Sprint 185	LEXEVS-5237	MetaTree API fails to reach roots of a source hierarchy.
Sprint 185	LEXEVS-5244	Investigate Scope Of Work by Updating the Dependency Definitions
Sprint 185	LEXEVS-5245	Use MyBatis converter tool to update Ibatis xml to mybatis xml
Sprint 185	LEXEVS-5246	Update LexEVS Dao Code from Ibatis to MyBatis implementation
Sprint 185	LEXEVS-5248	Admin: Provide continued Administration Support
Sprint 185	LEXEVS-5249	Admin: Provide continued Product Support
Sprint 185	LEXEVSCTS2-425	CTS2 Docs Link and Deployment

B. New Releases of the Software

Release	Description of the Release

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 186	LexEVS Development -Sprint 186	LexEVS 6.5 Sprint 186 Stories
Sprint 186	LEXEVS-5254	Update ibatis.associations tests
Sprint 186	LEXEVS-5255	Update, create tests for Coding Scheme DAO
Sprint 186	LEXEVS-5259	Create a Testing Strategy for Granular DAO methods
Sprint 186	LEXEVS-5262	Update/Create tests for Registry DAO
Sprint 186	LEXEVS-5263	LexEVS Metathesaurus Load and Hierarchy Investigation

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	12/10/20 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 2021	05/10/2021	Complete
May 2021	06/10/2021	Complete
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	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
June 2021	07/10/2021	Complete
July 2021	08/10/2021	Complete
August 2021	09/10/2021	Complete
September 2021	10/10/2021	Complete
October 2021	11/10/2021	Complete
November 2021	12/10/2021	Complete
December 2021	01/10/2022	Complete
January 2022	02/10/2022	Complete
February 2022	03/10/2022	Complete
March 2022	04/10/2022	Complete
April 2022	05/10/2022	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.
Investigate and correct MedDRA Hierarchy issues	<ul style="list-style-type: none">Decide how to fix or implement MedDRA hierarchy imported from NCI MedDRA data representation.
Statistics Dashboard implementation	<ul style="list-style-type: none">Review/update dashboards on production
LexEVS Log4j fix	<ul style="list-style-type: none">Work through local log4j issues not surfaced in web implementations
EVS Compare tool	<ul style="list-style-type: none">Deploy EVS Compare tool to the dev tier and get feedback.
Implement new Domain Resolution Tool for Statistics Dashboard	<ul style="list-style-type: none">Provide a service within URI Resolver to allow local service for TLD resolution

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none">Sprint 183Sprint 184Sprint 185Sprint 186