

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Option Year 3**

July 2023
July 1 – July 31, 2023

Submitted by:

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B. Technical Overview

Sprint 209 (23/Jun/06 – 23/Jul/03) Hibernate was updated in LexEVS and CTS2 underwent some minor bug fixing. Work was begun on updating ehcache

Sprint 210 (23/Jul/03 – 23/Jul/31) The lexevs-service-rest-docs web application was updated for outdated dependencies. The vulnerable dependencies were updated for CTS2 and the footer of the welcome page was updated to match NIH styling. Work continued on ehcache and on setting the 2024 work roadmap

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 210	LEXEVS-5325	LexEVS Unit Testing
Sprint 210	LEXEVSCTS2-439	Fix issue(s) with MyBatis configuration for Mass Mappings returned with Sorting
Sprint 210	LEXEVSCTS2-450	Deployment Lexevs / CTS2
Sprint 210	LEXEVS-5307	Update browsers for new LexEVS and Spring 5

C. New Releases of the Software

Release	Description of the Release
CTS2 Service 2.1.1	Update dependencies

D. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

E. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 210	EVSREPEXP-433	Security issue: set-value vulnerability
Sprint 210	EVSREPEXP-442	Migrate Vuejs version from 2.0 to 3.0
	EVSREPEXP-474	Identify outdated dependencies - Report Exporter
Sprint 210	LEXEVS-5338	Update ehcache and related jars
Sprint 210	LEXEVS-5350	Release LexEVS
Sprint 210	LEXEVS-5351	Draft a proposal for CY24 – LexEVS Roadmap
Sprint 210	LEXEVS-5352	Discuss – RMI Retirement plan
Sprint 210	LEXEVSCTS2-444	Update lexevs-service-test to be less data specific
Sprint 210	LEXEVSCTS2-452	Test_associations_subject_of call revealed hierarchy bug

F. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
Browser update	Dependent on browser interaction with LexEVS

G. 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.

H. Status of Deliverables

Deliverable/Milestone	Delivery Date	Status
Project Management Plan (PMP)	20 days following Project Kickoff	In Process

Deliverable/Milestone	Delivery Date	Status
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

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
May 2022	06/10/2022	Complete
June 2022	07/10/2022	Complete
July 2022	08/10/2022	Complete
August 2022	09/10/2022	Complete
September 2022	10/10/2022	Complete

Deliverable/Milestone	Delivery Date	Status
October 2022	11/10/2022	Complete
November 2022	12/10/2022	Complete
December 2022	01/10/2023	Complete
January 2023	02/10/2023	Complete
February 2023	03/10/2023	Complete
March 2023	04/10/2023	Complete
April 2023	05/10/2023	Complete
May 2023	06/10/2023	Complete
June 2023	07/10/2023	Complete
July 2023	08/10/2023	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
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
May 2022	06/10/2022	Complete
June 2022	07/10/2022	Complete
July 2022	08/10/2022	Complete
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February 2023	03/10/2023	Complete
March 2023	04/10/2023	Complete
April 2023	05/10/2023	Complete
May 2023	06/10/2023	Complete
June 2023	07/10/2023	Complete
July 2023	08/10/2023	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

I. 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.
Statistics Dashboard implementation	<ul style="list-style-type: none"> Work on domain name queries
CTS2 Service	<ul style="list-style-type: none"> Continue testing and prepare for deployment to Stage
NCI Terms Browser	<ul style="list-style-type: none"> Update Terms Browser to work with new Spring 5 dependencies
Report Exporter	<ul style="list-style-type: none"> Prepare for security release to QA Continue working on Vue update

J. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> Sprint 209 Sprint 210