

# **Monthly Technical Status Report**

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

**April 2023**  
April 1 – April 30, 2023

**Submitted by:**

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**Date:**  
**May 9, 2023**

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## B. Technical Overview

Sprint 204 (23/Mar/28 – 23/Apr/10) Vulnerable dependencies completed for LexEVS and unit testing begun. Work on other LexEVS dependencies started. Vue 3 prototype released to QA while tree functionality worked on in a separate ticket.

Sprint 205 (23/Apr/10 – 23/Apr/27) Vue 3 tree functionality completed and released to QA. Work on additional dependencies for LexEVS completed and work begun on CTS2. Mappings work in progress as final issue with NCIt Browser for Spring 5. Work started on testing Coretta Java 8 on on-prem Dev. Work started and completed on updating the CTS2 automated test app to account for changes in data.

Sprint 206 (23/Apr/27 – current) Work on lexevscts2 default doc completed and cts2 service deployed to Prod. NCIt Browser Spring 5 deployed to Dev for preliminary testing. Work begun on lexevs-service-rest-docs for dependency update.

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:

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 204	<a href="#">LEXEVS-5319</a>	Update vulnerable dependencies for lexevs
Sprint 204	<a href="#">LEXEVS-5324</a>	Stack Overflow error in deployment
Sprint 204	<a href="#">LEXEVSCTS2-432</a>	CTS2 Unit Testing
Sprint 204	<a href="#">LEXEVS-5329</a>	Monthly reports for March 2023
Sprint 204	<a href="#">LEXEVS-5330</a>	Mapping to Entities Not Shown as Expected
Sprint 205	<a href="#">CTS2FW-149</a>	Update CTS2 test app
Sprint 205	<a href="#">EVSREPEXP-464</a>	Vue 3 Tree Functionality
Sprint 205	<a href="#">EVSREPEXP-465</a>	Vue 3 Functionality - Release in QA
Sprint 205	<a href="#">LEXEVS-5317</a>	Update lexevs dependencies
Sprint 205	<a href="#">LEXEVS-5320</a>	A LexEVS configured Extension is Broken
Sprint 205	<a href="#">LEXEVS-5327</a>	QA Lexevs / CTS2
Sprint 205	<a href="#">LEXEVS-5332</a>	Update LexEVS dependency jars
Sprint 205	<a href="#">LEXEVS-5337</a>	Workshop Build and Deployment of LexEVS Artifacts to NCI Maven

Sprint	Activity	Description/Comments
Sprint 206	<a href="#">LEXEVS-5321</a>	Update lexevscts2 default doc
Sprint 206	<a href="#">LEXEVS-5322</a>	Fix issue(s) with MyBatis configuration for Mass Mappings returned with Sorting
Sprint 206	<a href="#">LEXEVS-5328</a>	Deployment Lexevs / CTS2

### C. New Releases of the Software

Release	Description of the Release
LexEVS 6.6.1	Vulnerable and other dependencies updated
CTS2 2.2.0	Vulnerable and other dependencies updated

### D. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

### E. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 206	<a href="#">EVSREPEXP-442</a>	Migrate Vuejs version from 2.0 to 3.0
Sprint 206	<a href="#">LEXEVS-5307</a>	Update browsers for new LexEVS and Spring 5
Sprint 206	<a href="#">LEXEVS-5344</a>	April monthly reports
Sprint 206	<a href="#">LEXEVSCTS2-439</a>	lexevs-service-rest-docs dependency update
Sprint 206	<a href="#">LEXEVS-5317</a>	Update lexevs dependencies
Sprint 206	<a href="#">LEXEVS-5325</a>	LexEVS Unit Testing
Sprint 206	<a href="#">LEXEVS-5329</a>	Monthly reports for March 2023
Sprint 206	<a href="#">LEXEVS-5331</a>	Test LexEVS under Corretta Java 8 on Dev
Sprint 206	<a href="#">LEXEVSCTS2-433</a>	Test CTS2 under Corretta Java 8 on Dev

### 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**

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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

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

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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

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
August 2022	09/10/2022	Complete
September 2022	10/10/2022	Complete



<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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
Project Summary Report	30 Days Before Project Completion	Not Started

**I. Description of Work/Activities Planned for the next Month**

<b>Activity</b>	<b>Description</b>
Continued support for LexEVS	<ul style="list-style-type: none"> <li>Continue to work with the NCI team on new and existing issues.</li> </ul>
Statistics Dashboard implementation	<ul style="list-style-type: none"> <li>Work on domain name queries</li> </ul>
CTS2 Service	<ul style="list-style-type: none"> <li>Continue testing and prepare for deployment to Stage</li> </ul>
NCI Terms Browser	<ul style="list-style-type: none"> <li>Update Terms Browser to work with new Spring 5 dependencies</li> </ul>
Report Exporter	<ul style="list-style-type: none"> <li>Prepare for security release to QA</li> <li>Continue working on Vue update</li> </ul>

**J. Additional Reporting**

<b>Activity</b>	<b>Description</b>
Sprint Status	<ul style="list-style-type: none"> <li><a href="#">Sprint 204</a></li> <li><a href="#">Sprint 205</a></li> <li><a href="#">Sprint 206</a></li> </ul>