

# **Monthly Technical Status Report**

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

**April 2024**  
April 1 – April 30, 2024

**Submitted by:**

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**Date:**  
**May 10, 2024**

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## B. Technical Overview

Sprint 217(24/Feb/02 – 24/Mar/04) Work continues on several long-term projects. The NCI Terms Browser was evaluated for update to Java 17. Templates are being implemented in Report Exporter. The migration from SumoLogic to DataDog is progressing.

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 219	<a href="#">EVSREPEXP-496</a>	Implement proxy approach for Government Banner
Sprint 219	<a href="#">NCITERM-954</a>	Merge current dev branch in to NCIt Browser Java 17 branch
Sprint 219	<a href="#">EVSSTATS-30</a>	Create query to retrieve when traffic goes up or down dramatically
Sprint 219	<a href="#">EVSSTATS-31</a>	Create query to retrieve when page loads exceed a set target
Sprint 219	<a href="#">LEXEVS-5379</a>	Write OWL Lint SOP
Sprint 219	<a href="#">NCITERM-957</a>	Value Set Resolution Causes Exception
Sprint 219	<a href="#">NCITERM-958</a>	Help Page had an href that referred to an out of date ftp site
Sprint 219	<a href="#">NCITERM-937</a>	Export of Excel file fails with Null Pointer
Sprint 219	<a href="#">NCITERM-931</a>	Term Browser Contact Us does not prevent SPAM
Sprint 219	<a href="#">NCITERM-932</a>	Value set URI may be misconfigured
Sprint 219	<a href="#">NCITERM-959</a>	Updating branch name for Java 17 implementation
Sprint 219	<a href="#">NCITERM-950</a>	Valuesets:values tab export.xml not working
Sprint 219	<a href="#">NCITERM-948</a>	HGNC isdb value hyperlink giving error
Sprint 219	<a href="#">NCITERM-955</a>	Prod2 Mapping missing some other mappings available for download
Sprint 219	<a href="#">NCITERM-952</a>	Log4j XML Configuration cannot be read
Sprint 219	<a href="#">NCITERM-960</a>	Radlex and MA search not working on QA

**C. New Releases of the Software**

Release	Description of the Release
NCI Terms Browser 2.22	Contact Us form removed, other fixes

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

Activity	Description of the Activity

**E. Outstanding Issues Being Actively Worked**

Sprint	Activity/Issue	Description/Comments
Sprint 219	<a href="#">LEXEVCTS2-431</a>	Service resources does not populate Service name/version
Sprint 219	<a href="#">EVSSTATS-97</a>	Implement Reports
Sprint 219	<a href="#">LEXEVS-5368</a>	Review query results
Sprint 219	<a href="#">EVSREPEXP-509</a>	Add template functionality
Sprint 219	<a href="#">EVSREPEXP-510</a>	Update to Tomcat 9
Sprint 219	<a href="#">EVSSTATS-64</a>	Determine how to ingest older logs
Sprint 219	<a href="#">EVSSTATS-50</a>	Test archived logs workflow
Sprint 219	<a href="#">CTS2FW-150</a>	Update to Tomcat 9
Sprint 219	<a href="#">LEXEVS-5378</a>	Document OWLKB

**F. Critical Risks or External Dependencies**

Activity/Issue	Description to corrective activity/issue
Tomcat 8.5 out of support	Working to install and implement Tomcat 9/Java 17
Oracle Java 8 present on DataQA, Processing	Will requests updates after data cycle

**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	12/10/2020	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
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
May 2023	06/10/2023	Complete
June 2023	07/10/2023	Complete
July 2023	08/10/2023	Complete
August 2023	09/10/2023	Complete
September 2023	10/10/2023	Complete
October 2023	11/10/2023	Complete
November 2023	12/10/2023	Complete
December 2023	01/10/2024	Complete
January 2024	02/10/2024	Complete
February 2024	03/10/2024	Complete
March 2024	04/10/2024	Complete
April 2024	05/10/2024	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
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November 2022	12/10/2022	Complete
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September 2023	10/10/2023	Complete
October 2023	11/10/2023	Complete
November 2023	12/10/2023	Complete
December 2023	01/10/2024	Complete
January 2024	02/10/2024	Complete
February 2024	03/10/2024	Complete
March 2024	04/10/2024	Complete
April 2024	05/10/2024	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>Implement all controllers for DataDog</li> </ul>
CTS2 Service	<ul style="list-style-type: none"> <li>Continue updating as security requires</li> </ul>
NCI Terms Browser	<ul style="list-style-type: none"> <li>Work with Terms Browser to update to Java 17</li> </ul>
Report Exporter	<ul style="list-style-type: none"> <li>Update templating based on user feedback</li> </ul>
NCI Meta Browser	<ul style="list-style-type: none"> <li>Take over maintenance and update to Tomcat 9</li> </ul>

## J. Additional Reporting

Activity	Description
Sprint Status	•