Monthly Technical Status Report

**LexEVS Operations and Maintenance**

**Subcontract No. 20X048F**

**Option Year 3**

**April 2023**

April 1 – April 30, 2023

**Submitted by:**

**Tracy Safran**

**Date:**

**May 9, 2023**

# Contents

Table of Contents

[Monthly Technical Status Report 1](#_Toc118726547)

[A. Contents 2](#_Toc118726548)

[B. Technical Overview 3](#_Toc118726549)

[C. New Releases of the Software 4](#_Toc118726550)

[D. Presentations, Documentation Updates, Community Communication 4](#_Toc118726551)

[E. Outstanding Issues Being Actively Worked 4](#_Toc118726552)

[F. Critical Risks or External Dependencies 4](#_Toc118726553)

[G. Status of Deliverables/Milestones Overview 4](#_Toc118726554)

[H. Status of Deliverables 5](#_Toc118726555)

[I. Description of Work/Activities Planned for the next Month 9](#_Toc118726556)

[J. Additional Reporting 9](#_Toc118726557)

# 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](https://wiki.nci.nih.gov/display/LexEVS/LexEVS%2B20X048F%2BWeekly%2BMeeting%2BMinutes)

Issues Resolved Over the Covered Period:

| **Sprint** | **Activity** | **Description/Comments** |
| --- | --- | --- |
| Sprint 204 | [LEXEVS-5319](https://tracker.nci.nih.gov/browse/LEXEVS-5319)  | Update vulnerable dependencies for lexevs |
| Sprint 204 | [LEXEVS-5324](https://tracker.nci.nih.gov/browse/LEXEVS-5324) | Stack Overflow error in deployment |
| Sprint 204 | [LEXEVSCTS2-432](https://tracker.nci.nih.gov/browse/LEXEVSCTS2-432) | CTS2 Unit Testing |
| Sprint 204 | [LEXEVS-5329](https://tracker.nci.nih.gov/browse/LEXEVS-5329) | Monthly reports for March 2023 |
| Sprint 204 | [LEXEVS-5330](https://tracker.nci.nih.gov/browse/LEXEVS-5330) | Mapping to Entities Not Shown as Expected |
| Sprint 205 | [CTS2FW-149](https://tracker.nci.nih.gov/browse/CTS2FW-149) | Update CTS2 test app |
| Sprint 205 | [EVSREPEXP-464](https://tracker.nci.nih.gov/browse/EVSREPEXP-464) | Vue 3 Tree Functionality |
| Sprint 205 | [EVSREPEXP-465](https://tracker.nci.nih.gov/browse/EVSREPEXP-465) | Vue 3 Functionality - Release in QA |
| Sprint 205 | [LEXEVS-5317](https://tracker.nci.nih.gov/browse/LEXEVS-5317) | Update lexevs dependencies |
| Sprint 205 | [LEXEVS-5320](https://tracker.nci.nih.gov/browse/LEXEVS-5320) | A LexEVS configured Extension is Broken |
| Sprint 205 | [LEXEVS-5327](https://tracker.nci.nih.gov/browse/LEXEVS-5327) | QA Lexevs / CTS2 |
| Sprint 205 | [LEXEVS-5332](https://tracker.nci.nih.gov/browse/LEXEVS-5332) | Update LexEVS dependency jars |
| Sprint 205 | [LEXEVS-5337](https://tracker.nci.nih.gov/browse/LEXEVS-5337) | Workshop Build and Deployment of LexEVS Artifacts to NCI Maven |
| Sprint 206 | [LEXEVS-5321](https://tracker.nci.nih.gov/browse/LEXEVS-5321) | Update lexevscts2 default doc |
| Sprint 206 | [LEXEVS-5322](https://tracker.nci.nih.gov/browse/LEXEVS-5322) | Fix issue(s) with MyBatis configuration for Mass Mappings returned with Sorting |
| Sprint 206 | [LEXEVS-5328](https://tracker.nci.nih.gov/browse/LEXEVS-5328) | Deployment Lexevs / CTS2 |

# 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 |

# Presentations, Documentation Updates, Community Communication

| **Activity** | **Description of the Activity** |
| --- | --- |
|  |  |

# Outstanding Issues Being Actively Worked

| **Sprint** | **Activity/Issue** | **Description/Comments** |
| --- | --- | --- |
| Sprint 206 | [EVSREPEXP-442](https://tracker.nci.nih.gov/browse/EVSREPEXP-442) | Migrate Vuejs version from 2.0 to 3.0 |
| Sprint 206 | [LEXEVS-5307](https://tracker.nci.nih.gov/browse/LEXEVS-5307) | Update browsers for new LexEVS and Spring 5 |
| Sprint 206 | [LEXEVS-5344](https://tracker.nci.nih.gov/browse/LEXEVS-5344) | April monthly reports |
| Sprint 206 | [LEXEVSCTS2-439](https://tracker.nci.nih.gov/browse/LEXEVSCTS2-439) | lexevs-service-rest-docs dependency update |
| Sprint 206 | [LEXEVS-5317](https://tracker.nci.nih.gov/browse/LEXEVS-5317) | Update lexevs dependencies |
| Sprint 206 | [LEXEVS-5325](https://tracker.nci.nih.gov/browse/LEXEVS-5325) | LexEVS Unit Testing |
| Sprint 206 | [LEXEVS-5329](https://tracker.nci.nih.gov/browse/LEXEVS-5329) | Monthly reports for March 2023 |
| Sprint 206 | [LEXEVS-5331](https://tracker.nci.nih.gov/browse/LEXEVS-5331) | Test LexEVS under Corretta Java 8 on Dev |
| Sprint 206 | [LEXEVSCTS2-433](https://tracker.nci.nih.gov/browse/LEXEVSCTS2-433) | Test CTS2 under Corretta Java 8 on Dev |

# Critical Risks or External Dependencies

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

# 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/LexEVS%2BProject%2B20X048F%2BDocuments)
* [https://wiki.nci.nih.gov/display/LexEVS/Report+Exporter+Project+Documents](https://wiki.nci.nih.gov/display/LexEVS/Report%2BExporter%2BProject%2BDocuments)
* [https://wiki.nci.nih.gov/display/LexEVS/EVS+Analytics+Dashboard+Project+Documents](https://wiki.nci.nih.gov/display/LexEVS/EVS%2BAnalytics%2BDashboard%2BProject%2BDocuments)

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.

# 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 |
| Monthly Technical Reports:August 2019September 2019October 2019November 2019December 2019January 2020February 2020March 2020April 2020May 2020June 2020July 2020August 2020September 2020October 2020November 2020December 2020January 2021February 2021March 2021April 2021May 2021June 2021July 2021August 2021September 2021October 2021November 2021December 2021January 2022February 2022March 2022April 2022May 2022June 2022July 2022August 2022September 2022October 2022November 2022December 2022January 2023February 2023March 2023April 2023 | 09/10/201910/10/201911/10/201912/10/201901/10/202002/10/202003/10/202004/10/202005/10/202006/10/202007/10/202008/10/202009/10/202010/10/202011/10/202012/10/20 2001/10/202102/10/202103/10/202104/10/202105/10/202106/10/202107/10/202108/10/202109/10/202110/10/202111/10/202112/10/202101/10/202202/10/202203/10/202204/10/202205/10/202206/10/202207/10/202208/10/202209/10/202210/10/202211/10/202212/10/202201/10/202302/10/202303/10/202304/10/202305/10/2023 | CompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteComplete |
| Monthly Financial Reports:August 2019September 2019October 2019November 2019December 2019January 2020February 2020March 2020April 2020May 2020June 2020July 2020August 2020September 2020October 2020November 2020December 2020January 2021February 2021March 2021April 201May 2021June 2021July 2021August 2021September 2021October 2021November 2021December 2021January 2022February 2022March 2022April 2022May 2022June 2022July 2022August 2022September 2022October 2022November 2022December 2022January 2023February 2023March 2023April 2023 | 09/10/201910/10/201911/10/201912/10/201901/10/202002/10/202003/10/202004/10/202005/10/202006/10/202007/10/202008/10/202009/10/202010/10/202011/10/202012/10/20 2001/10/202102/10/202103/10/202104/10/202105/10/202106/10/202107/10/202108/10/202109/10/202110/10/202111/10/202112/10/202101/10/202202/10/202203/10/202204/10/202205/10/202206/10/202207/10/202208/10/202209/10/202210/10/202211/10/202212/10/202201/10/202302/10/202303/10/202304/10/202305/10/2023 | CompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteCompleteComplete |
| Project Summary Report | 30 Days Before Project Completion | Not Started |

# Description of Work/Activities Planned for the next Month

| **Activity** | **Description** |
| --- | --- |
| Continued support for LexEVS | * Continue to work with the NCI team on new and existing issues.
 |
| Statistics Dashboard implementation | * Work on domain name queries
 |
| CTS2 Service | * Continue testing and prepare for deployment to Stage
 |
| NCI Terms Browser | * Update Terms Browser to work with new Spring 5 dependencies
 |
| Report Exporter | * Prepare for security release to QA
* Continue working on Vue update
 |

# Additional Reporting

| **Activity** | **Description** |
| --- | --- |
| Sprint Status | * [Sprint 204](https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=969&projectKey=LEXEVS&view=reporting&chart=sprintRetrospective&sprint=5014)
* [Sprint 205](https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=969&projectKey=LEXEVS&view=reporting&chart=sprintRetrospective&sprint=5131)
* [Sprint 206](https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=969&projectKey=LEXEVS&view=reporting&chart=sprintRetrospective&sprint=5188)
 |