

Monthly Technical Status Report

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

March 2022
February 1 – February 28, 2021

Submitted by:

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A. Technical Overview

Sprint 179 (January 27, 2021 – February 9, 2022) has been completed. In this sprint, the team deployed the statistics dashboard to production, worked with the systems team to install CTS2 documentation on the dev VM, and updated log4j code for the LexEVS applications.

Sprint 180 (February 10, 2021 – February 23, 2022) has been completed. In this sprint, the team fixed a reported vulnerability for Report Exporter and made additional updates to the LexEVS applications for the log4j issue as well as bumping up the version numbers for a new release.

Sprint 181 (February 24, 2021 – March 9, 2022) has been started and will be reported on next month.

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 179	LexEVS Development - Sprint 179	LexEVS 6.5 Sprint 179 Stories
Sprint 179	EVSREPEXP-440	Netspark security scan - Stack Trace Disclosure
Sprint 179	EVSSTATS-70	Move dashboard to production
Sprint 179	LEXEVS-5209	Work with systems team to install CTS2 Documentation on the DEV VM
Sprint 179	LEXEVS-5210	Overview of jMeter and Selenium tests
Sprint 179	LEXEVS-5215	Install CTS2 API documentation locally to assist Systems team
Sprint 179	LEXEVSREM-439	Update Log4j code to Log4j2 for LexEVS Remote
Sprint 179	LEXSYSTEST-175	Complete system tests for 6.5.5 log4j updates
Sprint 179	LEXSYSTEST-177	Fix CTS2 Tests - REST tests are timing out
Sprint 180	LexEVS Development - Sprint 180	LexEVS 6.5 Sprint 180 Stories
Sprint 180	CTS2FW-146	Update pom file - change clojure repository url to https
Sprint 180	EVSREPEXP-441	Run Selenium and jMeter tests against Dev
Sprint 180	EVSSTATS-76	Update Domain resolution script

Sprint	Activity	Description/Comments
Sprint 180	LEXEVS-2650	Build: Update persisted build launching script
Sprint 180	LEXEVS-5194	Evaluate NCIt OWL format change.
Sprint 180	LEXEVS-5220	Update lexevs version to 6.5.5.FINAL in build.properties
Sprint 180	LEXEVS-5222	Update wiki for 6.5.5 release
Sprint 180	LEXEVSCTS2-419	Update POM to point to FINAL version lexevs
Sprint 180	LEXEVSCTS2-420	Update pom to pull cts2 tag 1.3.9.RC1

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 181	LexEVS Development -Sprint 179	LexEVS 6.5 Sprint 181 Stories
Sprint 181	EVSREPEXP-443	Fix UI vulnerability for prismjs component
Sprint 181	LEXEVS-5227	Update lexevs remote tests for vocabulary drift

E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

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

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
Project Summary Report	30 Days Before Project Completion	Not Started

H. Description of Work/Activities Planned for the next Month

Activity	Description
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Activity	Description
Continued support for LexEVS	<ul style="list-style-type: none"> Continue to work with the NCI team on new and existing issues.
Support for LexEVS release	<ul style="list-style-type: none"> Support of LexEVS 6.5.5 release, including loader updates as needed.
Statistics Dashboard implementation	<ul style="list-style-type: none"> Review/update dashboards on production
LexEVS Log4j fix	<ul style="list-style-type: none"> Deploy log4j fix for LexEVS suite to upper tiers
EVS Compare tool	<ul style="list-style-type: none"> Deploy EVS Compare tool to the dev tier and get feedback.
Report Exporter update	<ul style="list-style-type: none"> Deploy/test 3rd party update to Report Exporter on Stage and Production

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> Sprint 179 Sprint 180 Sprint 181