

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 20X048F
Base Year**

April 2020
March 1 – March 31, 2020

Submitted by:

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A. Technical Overview

Sprint 129 (February 28, 2020 – March 11, 2020) has been completed. In this sprint, there was a source-code qualifier fix that was created along with assisting in other support issues.

Sprint 130 (March 12, 2020 – March 25, 2020) has been completed. In this sprint, the performance testing and analysis of LexEVS running on a virtual machine has been completed. There was also investigation into an update for node graph resolution. As part of this sprint, a LexEVS snapshot build has been built and made available for testing.

Sprint 131 (March 26, 2020 – April 8, 2020) 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+16X237+Weekly+Meeting+Minutes>

Issues Resolved Over the Covered Period:

Sprint	Activity	Description/Comments
Sprint 129	LexEVS Development - Sprint 129	LexEVS 6.5 Sprint 129 Stories
Sprint 129	LEXEVS-4863	source-code qualifier implementation returns results on regular qualifiers
Sprint 130	LexEVS Development - Sprint 130	LexEVS 6.5 Sprint 130 Stories
Sprint 130	LEXEVS-4837	LexEVS VM on DEV - Run Test Harness to test Performance
Sprint 130	LEXEVS-4838	LexEVS DEV - Run Test Harness to test Performance
Sprint 130	LEXEVS-4878	Investigate Updates/Fixes for Node Graph Resolution
Sprint 130	LEXEVS-4881	Create Dev Snapshot
Sprint 130	LEXEVS-4882	Create LexEVS Wiki pages for new contract
Sprint 130	LEXEVSREM-427	Create Dev Snapshot

B. New Releases of the Software

Release	Description of the Release
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<p>Release Date: Sprint 130: March 12, 2020 – March 25, 2020</p> <p>The SNAPSHOT.DEV release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-SNAPSHOT.DEV.SPRINT130.2020.03.12.xml • LexEVS-install- SNAPSHOT.DEV.SPRINT130.2020.03.12.jar • extLib- SNAPSHOT.DEV.SPRINT130.2020.03.12.zip • lexbig- SNAPSHOT.DEV.SPRINT130.2020.03.12.jar <p>Remote API lexevsapi65.SNAPSHOT.DEV.SPRINT130.2020.03.12.war</p>	<p>LexEVS SNAPSHOT.DEV Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Development snapshot with source-code qualifier fix.
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C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 131	LexEVS Development - Sprint 131	LexEVS 6.5 Sprint 131 Stories
Sprint 131	LEXEVS-4892	CUI column too narrow
Sprint 131	LEXEVS-4838	LexEVS DEV - Run Test Harness to test Performance
Sprint 131	LEXEVS-4896	Create Dev Snapshot for loader fix

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 site out on Confluence Wiki at:

- <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+20X048F+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
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
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
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.
Prep for LexEVS release	<ul style="list-style-type: none"> • Build LexEVS release candidate and support deployment and testing of this version.
Ongoing Features/Issue resolution	<ul style="list-style-type: none"> • Continue to work on requested features and issues in our Jira backlog.
Work on Report Explorer	<ul style="list-style-type: none"> • Investigate, create requirements and start development on new report exporter tool.

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> • Sprint 129 • Sprint 130 • Sprint 131