

Monthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 16X237
Option Year 2**

August 2018
August 1 – August 31, 2018

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:
September 10, 2018

Contents

- Monthly Technical Status Report..... 1
- A. Technical Overview 3
- B. New Releases of the Software 4
- C. Presentations, Documentation Updates, Community Communication 5
- D. Outstanding Issues Being Actively Worked 5
- E. Critical Risks or External Dependencies 5
- F. Status of Deliverables/Milestones Overview..... 6
- G. Status of Deliverables 6
- H. Description of Work/Activities Planned for the next Month 8
- I. Additional Reporting 9

A. Technical Overview

Sprint 87 (July 19, 2018 – August 1, 2018) has been completed. In this sprint, there was a loader fix implemented for Metathesaurus properties and an investigation of how to increase the size of a database column that is also part of an index.

Sprint 88 (August 2, 2018 – August 15, 2018) has been completed. In this sprint, there was a loader fix implemented for additional qualifier support, an admin UI fix to support asserted value set parameters, and preparation for a presentation on microservices. As part of this sprint, there was a snapshot built for LexEVS that encompassed the previous sprint's loader fixes.

Sprint 89 (August 16, 2018 – August 29, 2018) has been completed. In this sprint, there were updates to several of the terminology loaders to allow metadata to be loaded after the terminology is successfully loaded and a fix was added for a mappings issue in the value set definitions that was preventing value set resolution from a definition in CTS2. There was also a snapshot built that encompassed the previous sprint's loader and admin UI fixes.

Sprint 90 (August 30, 2018 – September 12, 2018) 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 87	LexEVS Development - Sprint 87	LexEVS 6.5 Sprint 87 Stories
Sprint 87	LEXEVS-3464	Loader: Sources for Properties are not loaded for Meta Thesaurus
Sprint 87	LEXEVS-3948	Review all of lexevs code base to determine if SSL TLS v1.0 is being used
Sprint 87	LEXEVS-3953	Investigate what DB work needs to be done to increase the size of text for the qualifierValue column
Sprint 88	LexEVS Development - Sprint 88	LexEVS 6.5 Sprint 88 Stories
Sprint 88	LEXEVS-3947	Loader: Implement supported qualifier for authority qualifier load
Sprint 88	LEXEVS-3950	Investigate Inconsistent value set URIs are returned by different API methods (LEXEVS-3905).
Sprint 88	LEXEVS-3963	Prepare for microservices overview discussion

Sprint	Activity	Description/Comments
Sprint 88	LEXEVS-3967	Investigate why lbGUI admin throws a null pointer exception
Sprint 88	LEXEVS-3973	GUI: lbGUI needs to initialize the AssertedValueSetParameters.
Sprint 88	LEXEVS-3978	6.5.1.1 Release: Build Artifacts for 6.5.1.1.SNAPSHOT.1
Sprint 89	LexEVS Development - Sprint 89	LexEVS 6.5 Sprint 89 Stories
Sprint 89	LEXEVS-2219	Loader: Allow metadata to be loaded as part of the main load scripts
Sprint 89	LEXEVS-3932	Documentation: Update 6.5.1 wiki pages after 6.5.1 is running on the production server
Sprint 89	LEXEVS-4007	Loader: Allow metadata to be loaded as part of the LoadMetaBatch script
Sprint 89	LEXEVS-4009	Loader: Allow metadata to be loaded as part of the LoadMrMap script
Sprint 89	LEXEVS-4010	Loader: Allow metadata to be loaded as part of the LoadLgXML script
Sprint 89	LEXEVS-4011	Loader: Allow metadata to be loaded as part of the LoadOBO script
Sprint 89	LEXEVS-4012	Loader: Allow metadata to be loaded as part of the LoadUmlsBatch script
Sprint 89	LEXEVS-4014	Loader: Allow metadata to be loaded as part of the LoadOWL2 script
Sprint 89	LEXEVS-4056	Loader: Asserted Value Set to Value Set Definition Loader does not properly load Supported CodingSchemes
Sprint 89	LEXEVS-4060	6.5.1.1 Release: Build Artifacts for 6.5.1.1.SNAPSHOT.2

B. New Releases of the Software

Release	Description of the Release
<p>Release Date: Sprint 88: August 02, 2018 – August 15, 2018</p> <p>The LexEVS 6.5.1.1.SNAPSHOT.1 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.1.1.SNAPSHOT.1.xml • LexEVS-install-6.5.1.1.SNAPSHOT.1.jar • extLib-6.5.1.1.SNAPSHOT.1.zip • lexbig-6.5.1.1.SNAPSHOT.1.jar 	<p>LexEVS 6.5.1.1.SNAPSHOT.1Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Loader and Admin UI fixes <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.1.SNAPSHOT.1 issues</p>

<p>Release Date: Sprint 89: August 16, 2018 – August 29, 2018</p> <p>The LexEVS 6.5.1.1.SNAPSHOT.2 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.1.1.SNAPSHOT.2.xml • LexEVS-install-6.5.1.1.SNAPSHOT.2.jar • extLib-6.5.1.1.SNAPSHOT.2.zip • lexbig-6.5.1.1.SNAPSHOT.2.jar 	<p>LexEVS 6.5.1.1.SNAPSHOT.2Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Loader fixes <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.1.SNAPSHOT.2 issues</p>
--	---

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 90	LexEVS Development - Sprint 90	LexEVS 6.5 Sprint 90 Stories
Sprint 90	LEXEVS-3977	Loader: Update MetaBatch Loader for Authority Qualifiers
Sprint 90	LEXEVS-3994	API: LexEVS allow some asserted valueset nodes to be duplicated
Sprint 90	LEXEVSCTS2-289	CTS2 Tests do not account for updates to underlying lexevs API fix
Sprint 90	LEXEVSREM-284	Distributed Tests will have to be updated to reflect new LexEVS value set api changes
Sprint 90	LEXSYSTEMEST-121	Update Frisbee tests to accomodate new LexEVS value set api changes
Sprint 90	LEXEVS-3905	Remote API: Inconsistent value set URIs are returned by different API methods.
Sprint 90	LEXEVS-3955	API: LexEVS will relax rules preventing some asserted valueset nodes from being attached to parents
Sprint 90	LEXEVS-4070	6.5.1.2 Release: Build Artifacts for 6.5.1.2.SNAPSHOT.1
Sprint 90	LEXEVS-4086	Loader: Add force option to RemoveAllValueSetDefinitions

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+16X237+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	09/30/2017	In Process
Provide Technical Expertise	09/30/2017	In Process
Project Wiki	10/20/2017	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Technical Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2017	Complete
January 2017	02/10/2017	Complete
February 2017	03/10/2017	Complete
March 2017	04/10/2017	Complete
April 2017	05/10/2017	Complete
May 2017	06/10/2017	Complete
June 2017	07/10/2017	Complete
July 2017	08/10/2017	Complete
August 2017	09/10/2017	Complete
September 2017	10/10/2017	Complete
October 2017	11/10/2017	Complete
November 2017	12/10/2017	Complete
December 2017	01/10/2018	Complete
January 2018	02/10/2018	Complete
February 2018	03/10/2018	Complete
March 2018	04/10/2018	Complete
April 2018	05/10/2018	Complete
May 2018	06/10/2018	Complete
June 2018	07/10/2018	Complete
July 2018	08/10/2018	Complete
August 2018	09/10/2018	Complete

Deliverable/Milestone	Delivery Date	Status
Monthly Financial Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2017	Complete
January 2017	02/10/2017	Complete
February 2017	03/10/2017	Complete
March 2017	04/10/2017	Complete
April 2017	05/10/2017	Complete
May 2017	06/10/2017	Complete
June 2017	07/10/2017	Complete
July 2017	08/10/2017	Complete
August 2017	09/10/2017	Complete
September 2017	10/10/2017	Complete
October 2017	11/10/2017	Complete
November 2017	12/10/2017	Complete
December 2017	01/10/2018	Complete
January 2018	02/10/2018	Complete
February 2018	03/10/2018	Complete
March 2018	04/10/2018	Complete
April 2018	05/10/2018	Complete
May 2018	06/10/2018	Complete
June 2018	07/10/2018	Complete
July 2018	08/10/2018	Complete
August 2018	09/10/2018	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Complete LexEVS 6.5.1.1 patch release	<ul style="list-style-type: none"> Deliver a patch release that fixes the CTS2 resolved value set queries as well as loader fixes.
Continue working on requirements for the next LexEVS release	<ul style="list-style-type: none"> Work with NCI to determine requirements for the next LexEVS release
Loader and UI enhancements	<ul style="list-style-type: none"> Work on known loader and UI JIRA issues.
Prepare for face to face October meeting	<ul style="list-style-type: none"> Work with NCI to determine agenda/topics for the face to face meeting.

Activity	Description
Continued support for LexEVS	<ul style="list-style-type: none"> Continue to work with the NCI team on new and existing issues.

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> Sprint 87 Sprint 88 Sprint 89 Sprint 90