

Monthly Technical Status Report

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

September 2018
September 1 – September 30, 2018

Submitted by:

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A. Technical Overview

The second year of the LexEVS contract (No. 16X237) ended September 30th, 2018. A one-year extension to the contract is now being executed. This extension ends September 30th, 2019.

Sprint 90 (August 30, 2018 – September 12, 2018) has been completed. In this sprint, there were several issues fixed including inconsistent value set URI's returned by different API calls, duplicated asserted value sets being returned via the API, and updating asserted value set rules. An update to the MySQL configuration was made to allow for larger indexes. There were also loader updates to the MetaBatch loader for authority qualifiers and a loader enhancement to add a force option to remove all value set definitions. There was also a snapshot built that encompassed the previous sprint's loader and admin UI fixes.

Sprint 91 (September 13, 2018 – September 26, 2018) has been completed. In the sprint, there was a loader update for OBI, an update to the admin UI to add the option to load metadata as part of the main load, old admin scripts were removed as well as an API update to search for only descendants of a concept. Additionally, the domain specific convenience method was extended and performance tests of MySQL on Baracuda and Antelope file formats were completed. As part of this release, there was a final build of LexEVS 6.5.1.1 point release.

Sprint 92 (September 27, 2018 – October 08, 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 90	LexEVS Development - Sprint 90	LexEVS 6.5 Sprint 90 Stories
Sprint 90	LEXEVS-3905	Remote API: Inconsistent value set URIs are returned by different API methods.
Sprint 90	LEXEVS-3955	Update MySQL configuration for larger indexes
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	LEXEVS-3995	API: LexEVS will relax rules preventing some asserted valueset nodes from being attached to parents
Sprint 90	LEXEVS-4070	6.5.1.1 Release: Build Artifacts for 6.5.1.1.SNAPSHOT.3

Sprint	Activity	Description/Comments
Sprint 90	LEXEVS-4086	Loader: Add force option to RemoveAllValueSetDefinitions
Sprint 90	LEXEVS-4087	Investigate OWL2 Loader failure to load two way transitive relationships
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	LEXSYSTEST-121	Update Frisbee tests to accomodate new LexEVS value set api changes
Sprint 91	LexEVS Development - Sprint 91	LexEVS 6.5 Sprint 91 Stories
Sprint 91	LEXEVS-2885	Loader: OBI OWL2 2-Way Transitive Load
Sprint 91	LEXEVS-3988	GUI: Add option to load metadata as part of the main loads
Sprint 91	LEXEVS-4084	Remove Scripts, Launcher and Loader for Asserted Resolved Value Set
Sprint 91	LEXEVS-4093	API: I want to search only descendants of a concept or concepts
Sprint 91	LEXEVS-4112	Update wiki pages for 6.5.2 release
Sprint 91	LEXEVS-4113	Run performance tests of MySQL on Antelope file format
Sprint 91	LEXEVS-4115	Add extended function to domain specific convenience method
Sprint 91	LEXEVS-4128	Run performance tests of MySQL on Baracuda file format
Sprint 91	LEXEVS-4142	6.5.1.1 Release: Build Artifacts for 6.5.1.1.FINAL
Sprint 91	LEXEVSREM-294	Distributed Tests need updates to accommodate new API features
Sprint 91	LEXEVSREM-297	Updating Remote service with latest LexEVS Jars

B. New Releases of the Software

Release	Description of the Release
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<p>Release Date: Sprint 90: August 30, 2018 – September 12, 2018</p> <p>The LexEVS 6.5.1.1.SNAPSHOT.3 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.3.xml • LexEVS-install-6.5.1.1.SNAPSHOT.3.jar • extLib-6.5.1.1.SNAPSHOT.3.zip • lexbig-6.5.1.1.SNAPSHOT.3.jar 	<p>LexEVS 6.5.1.1.SNAPSHOT.3Release</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.3 issues</p>
<p>Release Date: Sprint 91: September 13, 2018 – September 27, 2018</p> <p>The LexEVS 6.5.1.1.FINAL release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.1.1.FINAL.xml • LexEVS-install-6.5.1.1.FINAL.jar • extLib-6.5.1.1.FINAL.zip • lexbig-6.5.1.1.FINAL.jar 	<p>LexEVS 6.5.1.1. FINAL Release</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.FINAL Release</p>

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 92	LexEVS Development - Sprint 92	LexEVS 6.5 Sprint 92 Stories
Sprint 92	LEXEVS-4132	F2F - Prep for "API EVS Services"
Sprint 92	LEXEVS-4133	F2F - Prep for "LexEVS Model Changes"
Sprint 92	LEXEVS-4134	F2F - Prep for "Systems Discussion"
Sprint 92	LEXEVS-4135	F2F - Prep for "User Group Discussions"
Sprint 92	LEXEVS-4136	F2F - Prep for "Tech Talk - RMI"
Sprint 92	LEXEVS-4139	F2F - Prep for "Admin UI Discussion"

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
September 2018	10/10/2018	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
September 2018	10/10/2018	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Prepare for NCI Face to Face meetings	<ul style="list-style-type: none"> • Prepare agenda • Confirm attendance • Prepare content for meetings
Face to Face meetings	<ul style="list-style-type: none"> • Travel to/from Washington DC • Participate in the LexEVS meetings
Plan LexEVS work based on Face to Face meetings	<ul style="list-style-type: none"> • Set work and priorities based on outcome of the meetings.

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 90 • Sprint 91 • Sprint 92