

# **Monthly Technical Status Report**

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

**September 2018**  
September 1 – September 30, 2018

**Submitted by:**

**Craig Stancl, Scott Bauer, Cory Endle**

**Date:**  
**October 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

The second year of the LexEVS contract (No. 16X237) ended September 30<sup>th</sup>, 2018. We finished optional year one and are starting optional year two. Optional year two ends September 30<sup>th</sup>, 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:

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 90	<a href="#">LexEVS Development - Sprint 90</a>	LexEVS 6.5 Sprint 90 Stories
Sprint 90	<a href="#">LEXEVS-3905</a>	Remote API: Inconsistent value set URIs are returned by different API methods.
Sprint 90	<a href="#">LEXEVS-3955</a>	Update MySQL configuration for larger indexes
Sprint 90	<a href="#">LEXEVS-3977</a>	Loader: Update MetaBatch Loader for Authority Qualifiers
Sprint 90	<a href="#">LEXEVS-3994</a>	API: LexEVS allow some asserted valueset nodes to be duplicated
Sprint 90	<a href="#">LEXEVS-3995</a>	API: LexEVS will relax rules preventing some asserted valueset nodes from being attached to parents
Sprint 90	<a href="#">LEXEVS-4070</a>	6.5.1.1 Release: Build Artifacts for 6.5.1.1.SNAPSHOT.3

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 90	<a href="#">LEXEVS-4086</a>	Loader: Add force option to RemoveAllValueSetDefinitions
Sprint 90	<a href="#">LEXEVS-4087</a>	Investigate OWL2 Loader failure to load two way transitive relationships
Sprint 90	<a href="#">LEXEVSCTS2-289</a>	CTS2 Tests do not account for updates to underlying lexevs API fix
Sprint 90	<a href="#">LEXEVSREM-284</a>	Distributed Tests will have to be updated to reflect new LexEVS value set api changes
Sprint 90	<a href="#">LEXSYSTEST-121</a>	Update Frisbee tests to accomodate new LexEVS value set api changes
Sprint 91	<a href="#">LexEVS Development - Sprint 91</a>	LexEVS 6.5 Sprint 91 Stories
Sprint 91	<a href="#">LEXEVS-2885</a>	Loader: OBI OWL2 2-Way Transitive Load
Sprint 91	<a href="#">LEXEVS-3988</a>	GUI: Add option to load metadata as part of the main loads
Sprint 91	<a href="#">LEXEVS-4084</a>	Remove Scripts, Launcher and Loader for Asserted Resolved Value Set
Sprint 91	<a href="#">LEXEVS-4093</a>	API: I want to search only descendants of a concept or concepts
Sprint 91	<a href="#">LEXEVS-4112</a>	Update wiki pages for 6.5.2 release
Sprint 91	<a href="#">LEXEVS-4113</a>	Run performance tests of MySQL on Antelope file format
Sprint 91	<a href="#">LEXEVS-4115</a>	Add extended function to domain specific convenience method
Sprint 91	<a href="#">LEXEVS-4128</a>	Run performance tests of MySQL on Baracuda file format
Sprint 91	<a href="#">LEXEVS-4142</a>	6.5.1.1 Release: Build Artifacts for 6.5.1.1.FINAL
Sprint 91	<a href="#">LEXEVSREM-294</a>	Distributed Tests need updates to accommodate new API features
Sprint 91	<a href="#">LEXEVSREM-297</a>	Updating Remote service with latest LexEVS Jars

## **B. New Releases of the Software**

<b>Release</b>	<b>Description of the Release</b>
----------------	-----------------------------------

<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"> <li>• LexEVS-install-config-6.5.1.1.SNAPSHOT.3.xml</li> <li>• LexEVS-install-6.5.1.1.SNAPSHOT.3.jar</li> <li>• extLib-6.5.1.1.SNAPSHOT.3.zip</li> <li>• lexbig-6.5.1.1.SNAPSHOT.3.jar</li> </ul>	<p>LexEVS 6.5.1.1.SNAPSHOT.3Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Loader and Admin UI fixes</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.1.SNAPSHOT.3 issues</a></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"> <li>• LexEVS-install-config-6.5.1.1.FINAL.xml</li> <li>• LexEVS-install-6.5.1.1.FINAL.jar</li> <li>• extLib-6.5.1.1.FINAL.zip</li> <li>• lexbig-6.5.1.1.FINAL.jar</li> </ul>	<p>LexEVS 6.5.1.1. FINAL Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Loader and Admin UI fixes</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.1.FINAL Release</a></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	<a href="#">LexEVS Development - Sprint 92</a>	LexEVS 6.5 Sprint 92 Stories
Sprint 92	<a href="#">LEXEVS-4132</a>	F2F - Prep for "API EVS Services"
Sprint 92	<a href="#">LEXEVS-4133</a>	F2F - Prep for "LexEVS Model Changes"
Sprint 92	<a href="#">LEXEVS-4134</a>	F2F - Prep for "Systems Discussion"
Sprint 92	<a href="#">LEXEVS-4135</a>	F2F - Prep for "User Group Discussions"
Sprint 92	<a href="#">LEXEVS-4136</a>	F2F - Prep for "Tech Talk - RMI"
Sprint 92	<a href="#">LEXEVS-4139</a>	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

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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**

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



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

## I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none"> <li><a href="#">Sprint 90</a></li> <li><a href="#">Sprint 91</a></li> <li><a href="#">Sprint 92</a></li> </ul>