

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance  
Subcontract No. 16X237**

**November 2017**  
November 1 – November 30, 2017

**Submitted by:**

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**Date:**  
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## A. Technical Overview

Sprint 68 (October 26, 2017 – November 8, 2017) has been completed. In this sprint, there were several value set defects that were resolved, updates to the remote client for 6.5.0 release, and an update to the system tests to add the Cent OS 7/tomcat 8.5 Docker image to our build. There was also a LexEVS snapshot build of our development branch.

Sprint 69 (November 9, 2017 – November 22, 2017) has been completed. In this sprint, there have been research and investigation for retrieving value sets dynamically from the NCI Thesaurus. There were preparations made for our face to face meeting planned for December. Additionally, there was a LexEVS snapshot build of our development branch.

Sprint 70 (November 24, 2017 – December 6, 2017) 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 68	<a href="#">LexEVS Development - Sprint 68</a>	LexEVS 6.5 Sprint 68 Stories
Sprint 68	<a href="#">LEXEVS-3376</a>	ValueSetDefinition getEntityDescription().getContent() method does not return description.
Sprint 68	<a href="#">LEXEVS-3377</a>	Value sets with a Publish_Value_Set property set to 'No' are being loaded as definitions.
Sprint 68	<a href="#">LEXEVS-3380</a>	I would like updates in LexEVSTreeItem/AssertedHierarchy to reflect original tree/treeItem implementation
Sprint 68	<a href="#">LEXEVS-3385</a>	Populate _ns attribute in LexEVSTreeItem with proper namespace
Sprint 68	<a href="#">LEXEVS-3386</a>	Replace the value of _code (currently, header concept code) by the (source asserted) value set URI.
Sprint 68	<a href="#">LEXEVS-3387</a>	In the source view value set tree returned by getFullServiceValueSetTree, sort nodes by value set names.
Sprint 68	<a href="#">LEXEVS-3388</a>	In the terminology view of value set hierarchy returned by getSourceDefinedTree, place the NCI node first, and then sort the rest of the root nodes by value set names.

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 68	<a href="#">LEXEVS-3389</a>	Create LexEVS Dev Snapshot
Sprint 68	<a href="#">LEXEVS-3414</a>	Spike to investigate and propose solution for free standing mapping
Sprint 68	<a href="#">LEXREMCLI-15</a>	Update Client to pull from NCI Nexus and update for 6.5.0
Sprint 68	<a href="#">LEXSYSTEST-45</a>	Add NCI tomcat 8.5 docker image to our system tests
Sprint 68	<a href="#">LEXSYSTEST-45</a>	Add NCI tomcat 8.5 docker image to our system tests
Sprint 69	<a href="#">LexEVS Development - Sprint 69</a>	LexEVS 6.5 Sprint 69 Stories
Sprint 69	<a href="#">LEXEVS-2854</a>	Loader - OWL2 Annotation properties indicating source of a property should be configurable.
Sprint 69	<a href="#">LEXEVS-3406</a>	I would like to have a value set service that runs directly against the NCIt
Sprint 69	<a href="#">LEXEVS-3413</a>	I would like to be able to load mapping schemes as stand alone entities
Sprint 69	<a href="#">LEXEVS-3421</a>	Create LexEVS Dev Snapshot
Sprint 69	<a href="#">LEXEVS-3426</a>	F2F Prep time
Sprint 69	<a href="#">LEXEVSREM-162</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.4

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

<b>Release</b>	<b>Description of the Release</b>
<p>Release Date: Sprint 68: September 28, 2017 – October 12, 2017</p> <p>The LexEVS 6.5.0.5 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>• LexEVS-install-config-6.5.0.5.FINAL.xml</li> <li>• LexEVS-install-6.5.0.5.FINAL.jar</li> <li>• extLib-6.5.0.5.FINAL.zip</li> <li>• lexbig-6.5.0.5.FINAL.jar</li> </ul>	<p>LexEVS 6.5.0.5.FINAL Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• OWL2 Loader - Apply namespace prefix as Entity namespace.</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.0.5 Release Notes</a></p>

<p>Release Date: Sprint 68: October 26, 2017 – November 8, 2017</p> <p>The LexEVS 6.5.1 Development release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>• LexEVS-install-config-6.5.1.SNAPSHOT.3.xml</li> <li>• LexEVS-install-6.5.1.SNAPSHOT.3.jar</li> <li>• extLib-6.5.1.SNAPSHOT.3.zip</li> <li>• lexbig-6.5.1.SNAPSHOT.3.jar</li> </ul>	<p>LexEVS 6.5.1 Development Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Multiple value set features.</li> </ul>
<p>Release Date: Sprint 69: November 9, 2017 – November 22, 2017</p> <p>The LexEVS 6.5.1 Development release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>• LexEVS-install-config-6.5.1.SNAPSHOT.4.xml</li> <li>• LexEVS-install-6.5.1.SNAPSHOT.4.jar</li> <li>• extLib-6.5.1.SNAPSHOT.4.zip</li> <li>• lexbig-6.5.1.SNAPSHOT.4.jar</li> <li>• lexevsapi65-6.5.1.SNAPSHOT.4.war</li> </ul>	<p>LexEVS 6.5.1 Development Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Multiple value set features.</li> </ul>

### C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

### D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 70	<a href="#">LexEVS Development - Sprint 70</a>	LexEVS 6.5 Sprint 70 Stories
Sprint 70	<a href="#">LEXEVS-3355</a>	JIRA - Clean up Versions in JIRA
Sprint 70	<a href="#">LEXEVS-3356</a>	JIRA - Clean up Epics in JIRA
Sprint 70	<a href="#">LEXEVS-3354</a>	JIRA - Clean up F2F stories.
Sprint 70	<a href="#">LEXEVS-3357</a>	JIRA - Groom the JIRA items for correct releases.
Sprint 70	<a href="#">LEXEVS-3358</a>	JIRA - Set up Review Meetings.
Sprint 70	<a href="#">LEXEVS-3441</a>	F2F Preparations
Sprint 70	<a href="#">LEXEVS-3444</a>	F2F Participation
Sprint 70	<a href="#">LEXEVS-3445</a>	F2F Follow Up

## E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
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## 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

<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
Monthly Financial Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2016	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
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>
LexEVS 6.5.0 Release	<ul style="list-style-type: none"> <li>Support NCI as this release moves up the tiers.</li> </ul>

Activity	Description
Value Set Architecture/Design	<ul style="list-style-type: none"> <li>• Continue development on new value set architecture.</li> <li>• Review with NCI team.</li> </ul>
Loader Updates	<ul style="list-style-type: none"> <li>• Updates to the OWL2 loader.</li> </ul>
Preparation for Face-to-Face meeting in December.	<ul style="list-style-type: none"> <li>• Started discussing agenda topics for meeting.</li> </ul>
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
Project Roadmaps	
Sprint Status	<ul style="list-style-type: none"> <li>• <a href="#">Sprint 68</a></li> <li>• <a href="#">Sprint 69</a></li> <li>• <a href="#">Sprint 70</a></li> </ul>