

Monthly Technical Status Report

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

March 2018
March 1 – March 31, 2018

Submitted by:

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A. Technical Overview

Sprint 77 (March 1, 2018 – March 14, 2018) has been completed. In this sprint, there was work completed on iterators and tests for asserted value sets in our remote API service. The LexEVS service was updated to incorporate testing of asserted value sets. A snapshot build was created and deployed on our dev system as part of this sprint.

Sprint 78 (March 15, 2018 – March 28, 2018) has been completed. In this sprint, external value sets were included in the asserted value set index as well as updates to the search extension for the remote API. The LexEVS service was updated to support asserted value set reads. A snapshot build was created and deployed on our dev system as part of this sprint.

Sprint 79 (March 29, 2018 – April 11, 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 77	LexEVS Development - Sprint 77	LexEVS 6.5 Sprint 77 Stories
Sprint 77	LEXEVS-3597	Update LexEVS version to 6.5.1.SNAPSHOT.6
Sprint 77	LEXEVS-3602	Create LexEVS Dev Snapshot
Sprint 77	LEXEVS-3603	Iterators for Assserted Value Sets need to be adjusted for RMI
Sprint 77	LEXEVSCTS2-212	Update pom file to point to LexEVS version 6.5.1.SNAPSHOT.6
Sprint 77	LEXEVSCTS2-224	Adjust in Memory load to include load of Asserted Value Set Scheme
Sprint 77	LEXEVSREM-173	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.6
Sprint 77	LEXEVSREM-178	Remote Service Requires updates to LexEVS source and tests
Sprint 77	LEXSYSTEST-80	Update CTS2 REST test to reflect new number of value sets
Sprint 77	LEXSYSTEST-84	Update Jenkins build and tests to fail if individual builds fail
Sprint 78	LexEVS Development - Sprint 78	LexEVS 6.5 Sprint 78 Stories
Sprint 78	LEXEVS-3518	I would like to include external value sets in NCI asserted value set index

Sprint	Activity	Description/Comments
Sprint 78	LEXEVS-3606	Iterators for Asserted Value Sets need to be adjusted for RMI - Complete Test and Merge
Sprint 78	LEXEVS-3617	Update AssertedValueSet Search Extension to work with RMI
Sprint 78	LEXEVS-3630	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.7
Sprint 78	LEXEVS-3641	I would like to investigate restricting value set searches to particular value sets using the URI
Sprint 78	LEXEVS-3655	Update to support CTS2 asserted resolved value set read
Sprint 78	LEXEVSCTS2-216	Adjust Loader for test to include Asserted Value Set Index Load
Sprint 78	LEXEVSCTS2-217	Update CTS2 for asserted resolved value set read inclusion
Sprint 78	LEXEVSCTS2-228	Update CTS2 Framework version of maven-surefire-plugin
Sprint 78	LEXEVSREM-179	Unit testing and any adaptations for RMI Asserted VS Search
Sprint 78	LEXEVSREM-180	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.7
Sprint 78	LEXSYSTEST-88	Update config file for asserted value set options.

B. New Releases of the Software

Release	Description of the Release
<p>Release Date: Sprint 77: March 1, 2018 – March 14, 2018</p> <p>The LexEVS 6.5.1.SNAPSHOT.6 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.1.SNAPSHOT.6.xml • LexEVS-install-6.5.1.SNAPSHOT.6.jar • extLib-6.5.1.SNAPSHOT.6.zip • lexbig-6.5.1.SNAPSHOT.6.jar 	<p>LexEVS 6.5.1.SNAPSHOT.6 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Asserted Value Set Updates <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.SNAPSHOT.6 issues</p>

<p>Release Date: Sprint 78: March 15, 2018 – March 15, 2018</p> <p>The LexEVS 6.5.1.SNAPSHOT.7 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.1.SNAPSHOT.7.xml • LexEVS-install-6.5.1.SNAPSHOT.7.jar • extLib-6.5.1.SNAPSHOT.7.zip • lexbig-6.5.1.SNAPSHOT.7.jar 	<p>LexEVS 6.5.1.SNAPSHOT.7 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Asserted Value Set Updates <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.SNAPSHOT.7 issues</p>
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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

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

Deliverable/Milestone	Delivery Date	Status
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
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

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
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Asserted Value Set Architecture/Design	<ul style="list-style-type: none"> • Complete development on new source asserted value set architecture. • Review with NCI team.
Docker Container Design/Deployment	<ul style="list-style-type: none"> • Work with NCI team to determine a design and work on an implementation for deploying LexEVS Docker containers to the NCI dev system.
Participation in EVS integrated services meetings	<ul style="list-style-type: none"> • Cross-functional team including many of the users of EVS and developers. Meetings to understand current APIs available and determine what new ones need to be created and by what teams.
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"><li data-bbox="857 312 1013 344">• Sprint 77<li data-bbox="857 348 1013 380">• Sprint 78