

Monthly Technical Status Report

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

February 2018
February 1 – February 28, 2018

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:
March 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 4
- D. Outstanding Issues Being Actively Worked 4
- E. Critical Risks or External Dependencies 4
- F. Status of Deliverables/Milestones Overview..... 4
- G. Status of Deliverables 5
- H. Description of Work/Activities Planned for the next Month 6
- I. Additional Reporting 7

A. Technical Overview

Sprint 75 (February 1, 2018 – February 14, 2018) has been completed. In this sprint, there was continued work on the source asserted value sets feature to implement the resolved value set API for asserted value sets as well as creating unit tests for this feature. Additionally, there were updates made to the LexEVS system tests to fix the CTS2 failing tests.

Sprint 76 (February 15, 2018 – February 28, 2018) has been completed. In this sprint, there was additional work on the source asserted value sets feature to implement the API in the LexEVS remote service. The LexEVS CTS2 service project was also updated to run with the latest LexEVS branch of code.

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 75	LexEVS Development - Sprint 75	LexEVS 6.5 Sprint 75 Stories
Sprint 75	LEXEVS-3540	Implement Resolved Value Set Style API for Asserted Value Sets
Sprint 75	LEXEVS-3541	Intermittent failure of value set queries in Jenkins full system test on dev
Sprint 75	LEXEVS-3546	Contribute to a spreadsheet-based inventory of LexEVS/CTS2 capability
Sprint 75	LEXEVS-3547	Create and support a value set iterator that pages from the database
Sprint 75	LEXEVS-3566	Investigation Spike -- Resolved Value Set Implementation
Sprint 75	LEXSYSTEST-59	lexevs system tests - Fix failing CTS2 tests.
Sprint 75	LEXSYSTEST-60	lexevs system tests - for Frisby and required components, indicate the specific version to use.
Sprint 75	LEXSYSTEST-61	Docker: Create script to deploy lexevs containers
Sprint 75	LEXSYSTEST-70	Merge dev branch changes to 6.5.0 to fix CTS2 Frisby tests and mySQL permissions
Sprint 75	LEXSYSTEST-73	lexevs system tests - Merge fix for Frisby and required components, indicate the specific version to use.
Sprint 76	LexEVS Development - Sprint 76	LexEVS 6.5 Sprint 76 Stories

Sprint	Activity	Description/Comments
Sprint 76	LEXEVS-3475	Write controller/business logic layer for Source Asserted VS API
Sprint 76	LEXEVS-3476	Implement Source Asserted Value Set API
Sprint 76	LEXEVS-3477	Create Full Unit test suite for the API
Sprint 76	LEXEVS-3521	Assist setting up CTS2 on-line documentation on the NCI dev server
Sprint 76	LEXEVS-3524	Allow VS Hierarchy to be resolved from Source Asserted VS API
Sprint 76	LEXEVS-3542	Spike to evaluate the Resolved Value Set API implementation
Sprint 76	LEXSYSTEST-54	lexevs system tests - Fix scripts to run/deploy correctly

B. New Releases of the Software

Release	Description of the Release

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
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

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
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
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 75<li data-bbox="857 348 1013 380">• Sprint 76