

Monthly Technical Status Report

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

March 2019
March 1 – March 31, 2019

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:
April 10, 2019

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..... 5
- G. Status of Deliverables 5
- H. Description of Work/Activities Planned for the next Month 7
- I. Additional Reporting 8

A. Technical Overview

Sprint 103 (February 28, 2019 – March 13, 2019) has been completed. In this sprint, the team updated the LexEVS logging to remove unnecessary log messages at load time as well as updated our OWL2 jars to the latest versions. Other minor issues were also resolved during this sprint.

Sprint 104 (March 14, 2019 – March 27, 2019) has been completed. In this sprint, there was a fix to the LexEVS API for getting source asserted value sets. This fix was also propagated to the LexEVS REST API. Associated tests were also updated for this fix. There was also an OWL2 loader issue that was resolved.

Sprint 105 (March 28, 2019 – April 10, 2019) 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 103	LexEVS Development - Sprint 103	LexEVS 6.5 Sprint 103 Stories
Sprint 103	LEXEVS-2460	Loader: Remove strange WARNings during loads
Sprint 103	LEXEVS-2959	Loader: LoadNCIHistory - Date format
Sprint 103	LEXEVS-3877	Documentation: Script SourceAssertedValueSetDefinitionLoad.sh example is not correct
Sprint 103	LEXEVS-4390	Loader: Remove log4j log messages from the logs
Sprint 103	LEXEVS-4391	Loader: Remove SLF4J log messages from the logs
Sprint 103	LEXEVS-4392	Update our OWL2 jars to the latest versions
Sprint 103	LEXEVS-4411	History load throws errors
Sprint 103	LEXEVS-4425	Merge LEXEVS-4392 into DEV
Sprint 103	LEXEVSCTS2-358	CTS2 apparently pulls in an incompatible version of a slf4j binding
Sprint 103	LEXEVSREM-346	LexEVS Remote Test Updates to Accommodate OWL2 API Updates
Sprint 103	LEXEVSREM-347	Merge LEXEVSREM-346 to Dev
Sprint 104	LexEVS Development - Sprint 104	LexEVS 6.5 Sprint 104 Stories
Sprint 104	CTS2FW-129	Update QueryService to add parameter to getResourceSummaries()

Sprint	Activity	Description/Comments
Sprint 104	LEXEVS-4393	Loader: Remove ehcache warning/error log messages
Sprint 104	LEXEVS-4422	Whitepaper submission tasks
Sprint 104	LEXEVS-4427	Update getSourceAssertedValueSetForValueSetURI() to return the correct coding scheme when there are multiple to choose from.
Sprint 104	LEXEVS-4439	OWL2Loader: Load fails when attempting to cast a manchester owl object
Sprint 104	LEXEVSCTS2-359	getSourceAssertedValueSetforDescription() does not always return the correct valueset
Sprint 104	LEXEVSREM-348	Update source asserted valueset test
Sprint 104	LEXSYSTEST-135	Add test for resolved value set with different parent

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
Sprint 105	LexEVS Development - Sprint 105	LexEVS 6.5 Sprint 105 Stories
Sprint 105	CTS2FW-133	6.5.2 Release: Build Artifacts for 6.5.2.FINAL
Sprint 105	LEXEVS-4453	6.5.2 Release: Build Artifacts for 6.5.2.FINAL
Sprint 105	LEXEVSCTS2-363	6.5.2 Release: Build Artifacts for 6.5.2.FINAL
Sprint 105	LEXEVSREM-352	6.5.2 Release: Build Artifacts for 6.5.2.FINAL
Sprint 105	LEXEVS-4418	LexEVS build - clean out directories before starting new build
Sprint 105	LEXEVS-4424	Update Wiki LexEVS Release page
Sprint 105	LEXEVS-4444	Tree Extension: Support for enforced single hierarchy tree resolution

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	Ongoing	In Process
Provide Technical Expertise	Ongoing	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
October 2018	11/10/2018	Complete
November 2018	12/10/2018	Complete
December 2018	01/10/2019	Complete
January 2019	02/10/2019	Complete
February 2019	03/10/2019	Complete
March 2019	04/10/2019	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
October 2018	11/10/2018	Complete
November 2018	12/10/2018	Complete
December 2018	01/10/2019	Complete
January 2019	02/10/2019	Complete
February 2019	03/10/2019	Complete
March 2019	04/10/2019	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
-----------------	--------------------

Activity	Description
Architecture and Mapping assistance	<ul style="list-style-type: none"> • Work with EVS team to further define the future EVS architecture • Work with the EVS to review mapping options and develop mapping requirements
Plan for the next LexEVS release(s)	<ul style="list-style-type: none"> • Create the following releases: <ul style="list-style-type: none"> ○ LexEVS 6.5.2 and its components <ul style="list-style-type: none"> ▪ LexEVS 6.5.2: new features/updates ▪ LexEVS Remote 6.5.2: new features/updates ▪ CTS2 Service 1.6.2: security update ▪ URI Resolver 1.1.1: security update
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 103 • Sprint 104 • Sprint 105