

Monthly Technical Status Report

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

February 2019
February 1 – February 28, 2019

Submitted by:

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A. Technical Overview

Sprint 101 (January 31, 2019 – February 13, 2019) has been completed. In this sprint, the team fixed an issue where the valueset hierarchy values didn't update properly, added an API call to retrieve the version of LexEVS as well as an API call to get an asserted valueset by name. There was also a performance update for retrieving resolved valuesets quicker. As part of this sprint, LexEVS 6.5.2.RC.5 was built and released.

Sprint 102 (February 14, 2019 – February 27, 2019) has been completed. In this sprint, the team validated MySQL updates on the NCI DEV server, investigated the source of warning messages, and fixed a load issue with map rank. As part of this sprint, LexEVS 6.5.2.RC.6 was built and released.

Sprint 103 (February 28, 2019 – March 13, 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 101	LexEVS Development - Sprint 101	LexEVS 6.5 Sprint 101 Stories
Sprint 101	LEXEVS-4309	API: ValueSetHierarchyValues config remain the same after any user query.
Sprint 101	LEXEVS-4310	API: Check backwards compatibility for 6.5.2 with Remote API using 6.5.1 client
Sprint 101	LEXEVS-4330	6.5.2 Release: Build Artifacts for 6.5.2.RC.5
Sprint 101	LEXEVS-4340	White Paper Wrap up, Formatting and Final Review
Sprint 101	LEXEVS-4344	Merge LexEVS-4309 to Dev
Sprint 101	LEXEVS-4345	API : Add call to get asserted value set by name
Sprint 101	LEXEVS-4349	New bulk value set retrieval needs to be able to use value set name as param
Sprint 101	LEXEVS-4353	Merge 6.5.2 into dev
Sprint 101	LEXEVSCTS2-337	Implement fix for performance issues retrieving resolved valuesets
Sprint 101	LEXEVSCTS2-341	6.5.2 Release: Build Artifacts for 6.5.2.RC.5
Sprint 101	LEXEVSCTS2-342	Merge 6.5.2 into dev
Sprint 101	LEXEVSREM-323	6.5.2 Release: Build Artifacts for 6.5.2.RC.5

Sprint	Activity	Description/Comments
Sprint 102	LexEVS Development - Sprint 102	LexEVS 6.5 Sprint 102 Stories
Sprint 102	LEXEVS-2253	Loader: Multiple Loads at the same time
Sprint 102	LEXEVS-3732	API: API method to display the version of LexEVS installed.
Sprint 102	LEXEVS-4355	Test 6.5.2 NCIt (MySQL Barracuda) change on our NCI DEV
Sprint 102	LEXEVS-4368	Investigate: Determine source for these warning messages
Sprint 102	LEXEVS-4376	Loader: Update Loader or API for bulk loader source/maprank conflict
Sprint 102	LEXEVS-4382	Merge 4376 into Dev
Sprint 102	LEXEVS-4383	6.5.2 Release: Build Artifacts for 6.5.2.RC.6
Sprint 102	LEXEVSCTS2-348	API: Add API method stub for the LexEVS version
Sprint 102	LEXEVSCTS2-352	6.5.2 Release: Build Artifacts for 6.5.2.RC.6
Sprint 102	LEXEVSREM-335	API: Add API method for the LexEVS version
Sprint 102	LEXEVSREM-339	6.5.2 Release: Build Artifacts for 6.5.2.RC.6

B. New Releases of the Software

Release	Description of the Release
<p>Release Date: Sprint 101: January 31, 2019 – February 13, 2019</p> <p>The LexEVS 6.5.2.RC.5 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.2.RC.5.xml • LexEVS-install-6.5.2.RC.5.jar • extLib-6.5.2.RC.5.zip • lexbig-6.5.2.RC.5.jar 	<p>LexEVS 6.5.2.RC.5 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • API/Bug fixes <p>Details of the features and defects fixed can be found here: LexEVS 6.5.2.RC.5 issues</p>

<p>Release Date: Sprint 102: February 14, 2019 – February 27, 2019</p> <p>The LexEVS 6.5.2.RC.6 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.2.RC.6.xml • LexEVS-install-6.5.2.RC.6.jar • extLib-6.5.2.RC.6.zip • lexbig-6.5.2.RC.6.jar 	<p>LexEVS 6.5.2.RC.6 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Loader fixes <p>Details of the features and defects fixed can be found here: LexEVS 6.5.2.RC.6 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
Sprint 103	LexEVS Development - Sprint 103	LexEVS 6.5 Sprint 103 Stories
Sprint 103	LEXEVS-2959	Loader: LoadNCIHistory - Date format
Sprint 103	LEXEVS-2460	Loader: Remove strange WARNings during loads
Sprint 103	LEXEVS-3877	Documentation: Script SourceAssertedValueSetDefinitionLoad.sh example is not correct
Sprint 103	LEXEVS-4356	Review 6.5.2 JIRA Items
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	LEXEVSCTS2-358	CTS2 apparently pulls in an incompatible version of a slf4j binding

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

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
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
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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 101 • Sprint 102 • Sprint 103