

Monthly Technical Status Report

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

June 2019
June 1 – June 30, 2019

Submitted by:

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A. Technical Overview

Sprint 109 (May 23, 2019 – June 5, 2019) has been completed. In this sprint, there was work completed to update the sorting mechanism for the asserted valueset hierarchy, LexEVS Remote tests were updated and the LexEVS system tests were temporarily patched in order to keep them from failing. As part of this sprint, we released a snapshot build for LexEVS.

Sprint 110 (June 6, 2019 – June 19, 2019) has been completed. In this sprint, there was a new feature implemented for the TreeService to set the max number of children to retrieve. There were also preparations for assisting the QA team with testing our LexEVS artifacts. As part of this sprint, we released a snapshot build or LexEVS.

Sprint 111 (June 20, 2019 – July 3, 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 109	LexEVS Development - Sprint 109	LexEVS 6.5 Sprint 109 Stories
Sprint 109	LEXEVS-4549	DevOps: Deploy LexEVS Docker containers on NCI's Dev system.
Sprint 109	LEXEVS-4552	The Asserted Value Set Hierarchy needs to update sorting mechanism
Sprint 109	LEXEVS-4559	Create a presentation for a LexEVS overview
Sprint 109	LEXEVS-4562	Snapshot Release: Build Artifacts for DEV
Sprint 109	LEXEVSREM-371	Snapshot Release: Build Artifacts for DEV
Sprint 109	LEXEVSREM-378	Update Tests to reflect source updated for LEXEVS-4552
Sprint 109	LEXSYSTEMTEST-146	Copy the apache ant file to the image manually (temporary fix for lexevs tests on jenkins)
Sprint 110	LexEVS Development - Sprint 110	LexEVS 6.5 Sprint 110 Stories
Sprint 110	LEXEVS-2707	API: Need option to set MAX_CHILDREN in the TreeService getTree method.
Sprint 110	LEXEVS-4570	Terminology Service Designation May Fail when OntologyFormat is null.

Sprint	Activity	Description/Comments
Sprint 110	LEXEVS-4571	I want Release JIRA items to meet requirements detailed by NCI QA and Development
Sprint 110	LEXEVS-4577	Snapshot Release: Build Artifacts for DEV
Sprint 110	LEXEVSREM-380	Snapshot Release: Build Artifacts for DEV
Sprint 110	LEXEVSREM-387	Create a package and test suite for this release

B. New Releases of the Software

Release	Description of the Release
<p>Release Date: Sprint 109: May 23, 2019 – June 5, 2019</p> <p>The LexEVS SNAPSHOT.DEV.SPRINT109.2019.05.23 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> LexEVS-install-config- SNAPSHOT.DEV. SPRINT109.2019.05.23.xml LexEVS-install- SNAPSHOT.DEV. SPRINT109.2019.05.23.jar extLib- SNAPSHOT.DEV. SPRINT109.2019.05.23.zip lexbig- SNAPSHOT.DEV. SPRINT109.2019.05.23.jar 	<p>LexEVS SNAPSHOT.DEV.SPRINT109.2019.05.23 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> API fixes and features. <p>Details of the features and defects fixed can be found here: LexEVS SNAPSHOT.DEV.SPRINT109.2019.05.23 issues</p>
<p>Release Date: Sprint 110: June 6, 2019 – June 19, 2019</p> <p>The LexEVS SNAPSHOT.DEV.SPRINT110.2019.06.10 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> LexEVS-install-config- SNAPSHOT.DEV. SPRINT110.2019.06.10.xml LexEVS-install- SNAPSHOT.DEV.SPRINT110.2019.06.10.jar extLib- SNAPSHOT.DEV. SPRINT110.2019.06.10.zip lexbig- SNAPSHOT.DEV. SPRINT110.2019.06.10.jar 	<p>LexEVS SNAPSHOT.DEV. SPRINT110.2019.06.10 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> API fixes and features. <p>Details of the features and defects fixed can be found here: LexEVS SNAPSHOT.DEV.SPRINT110.2019.06.19 issues</p>

C. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

D. Outstanding Issues Being Actively Worked

Sprint	Activity/Issue	Description/Comments
Sprint 111	LexEVS Development - Sprint 111	LexEVS 6.5 Sprint 111 Stories
Sprint 111	LEXEVS-4597	Complete framework for CTS2/REST project for testing against QA/PROD data
Sprint 111	LEXEVS-4598	Add all lexevs-service (REST) tests to the lexevs-service test plan
Sprint 111	LEXEVS-4604	Write a Test Plan for LexEVS 6.5.2
Sprint 111	LEXEVSCTS2-377	Create new JIRA Project for CTS2EVSTEST
Sprint 111	LEXEVSCTS2-378	Investigate matchAlgorithm startsWith behavior for codesystemversions
Sprint 111	LEXEVSREM-388	Integration Tests for Live Terminology LexEVS 6.5.2

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	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
April 2019	05/10/2019	Complete
May 2019	06/10/2019	Complete
June 2019	07/10/2019	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
April 2019	05/10/2019	Complete
May 2019	06/10/2019	Complete
June 2019	07/10/2019	Complete
Project Summary Report	30 Days Before Project Completion	Not Started

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

Activity	Description
Plan/assist for the next LexEVS release	<ul style="list-style-type: none">• Create LexEVS 6.5.3 release. This will include all of 6.5.2 changes plus all changes made since this release.
Assist QA with LexEVS integration tests	<ul style="list-style-type: none">• Assist QA team with finalizing LexEVS tests and answer questions.
Continued support for LexEVS	<ul style="list-style-type: none">• Continue to work with the NCI team on new and existing issues.
Docker Development	<ul style="list-style-type: none">• Work on deploying LexEVS components as Docker containers.
Ongoing Features/Issue resolution	<ul style="list-style-type: none">• Continue to work on requested features and issues in our Jira backlog.

I. Additional Reporting

Activity	Description
Sprint Status	<ul style="list-style-type: none">• Sprint 109• Sprint 110• Sprint 111