Monthly Technical Status Report

LexEVS Operations and Maintenance
Subcontract No. 16X237
Option Year 1

January 2018
January 1 – January 31, 2018

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:
February 10, 2018

Contents

A.   Technical Overview

Sprint 72 (December 21, 2017 – January 3, 2018) has been completed. In this sprint, there was an OWL2 loader fix to properly set the active flag on concepts. There was also work on the source asserted value sets feature to implement indexing for these value sets.

Sprint 73 (January 4, 2018 – January 17, 2018) has been completed. In this sprint, the team added a fix to the tree service API to restrict it from returning anonymous nodes, added a feature to the LexEVS system tests to run only specified components, and there was additional work on the source asserted value sets feature to finish the indexing. Additionally, there was work done on the source asserted value sets feature to implement its service layer and the CTS2 on-line documentation was updated to point to the 6.5.0 LexEVS service. There was also a LexEVS 6.5.0.7 point release for a loader update that has been delivered during this sprint.

Sprint 74 (January 18, 2018 – January 31, 2018) has been completed. In this sprint, there was continued work on the source asserted value sets feature to implement the controller/business logic layer as well as creating unit tests. Additionally, the CTS2 API documentation was installed on NCI's dev system and will be propagated up the tiers and the LexEVS system tests have been updated to deploy and run correctly.

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 72	LexEVS Development - Sprint 72	LexEVS 6.5 Sprint 72 Stories
Sprint 72	LEXEVS-3468	isActive not properly loaded
Sprint 72	LEXEVS-3473	I would like an Index creation layer to be written for Source Asserted Value Sets
Sprint 72	LexEVS Development - Sprint 73	LexEVS 6.5 Sprint 73 Stories
Sprint 73	LEXEVS-2183	Tree Extension: TreeService API returns JSON String containing anonymous nodes.
Sprint 73	LEXEVS-2819	6.5.0 Release: Project Signoff
Sprint 73	LEXEVS-3013	Admin: 6.5.0 Release: (post release) Update Install Guides
Sprint 73	LEXEVS-3339	Modularize the full system test to allow individual modules to be run
Sprint 73	LEXEVS-3474	I would like an index access layer to be written for the source asserted value set search

Sprint	Activity	Description/Comments
Sprint 73	LEXEVS-3494	Follow up code cleanup test expansion for Asserted Value Set Indexing
Sprint 73	LEXEVS-3502	6.5.0.7 Release: Build Artifacts for 6.5.0.7.FINAL
Sprint 73	LEXEVS-3510	I would like to Implement a service layer for the asserted value set search mechanism
Sprint 73	LEXEVSCTS2-190	Documentation Updates - Update CTS2 on-line documentation to point to 6.5.0 lexevs-service
Sprint 74	LexEVS Development - Sprint 74	LexEVS 6.5 Sprint 74 Stories
Sprint 74	LEXEVS-3475	Write controller/business logic layer for Source Asserted VS API
Sprint 74	LEXEVS-3476	Implement Source Asserted Value Set API
Sprint 74	LEXEVS-3477	Create Full Unit test suite for the API
Sprint 74	LEXEVS-3521	Assist setting up CTS2 on-line documentation on the NCI dev server
Sprint 74	LEXEVS-3524	Allow VS Hierarchy to be resolved from Source Asserted VS API
Sprint 74	LEXEVS-3542	Spike to evaluate the Resolved Value Set API implementation
Sprint 74	LEXSYSTEST-54	lexevs system tests - Fix scripts to run/deploy correctly

B.   New Releases of the Software

Release	Description of the Release
Release Date: Sprint 73: January 4, 2017 – January 17, 2018 The LexEVS 6.5.0.7 release consists of the following components: LexEVS API • LexEVS-install-config-6.5.0.7.FINAL.xml • LexEVS-install-6.5.0.7.FINAL.jar • extLib-6.5.0.7.FINAL.zip • lexbig-6.5.0.7.FINAL.jar	LexEVS 6.5.0.7.FINAL Release Highlights • OWL2 Loader – Fix to properly set the active flag on concepts Details of the features and defects fixed can be found here: LexEVS 6.5.0.7 Release Notes

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

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
Monthly Financial Reports:		
October 2016	11/10/2016	Complete
November 2016	12/10/2016	Complete
December 2016	01/10/2016	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
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	• Complete development on new source asserted value set architecture. • Review with NCI team.
Docker Container Design/Deployment	• Work with NCI team to determine a design and work on an implementation for deploying LexEVS Docker containers to the NCI dev system.
CTS2 API Documentation – Build/Deploy at NCI	• Build and deploy the CTS2 API on-line documentation on NCI systems.
Participation in EVS integrated services meetings	• 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	• Continue to work with the NCI team on new and existing issues.

I.   Additional Reporting

Activity	Description
Sprint Status	• Sprint 72 • Sprint 73 • Sprint 74