

Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 12ST1106

March 2014

February 1 – February 28, 2014

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A. Technical Overview

This month encompassed some of the first stages of planning for the release of LexEVS 6.2. At the same time deployment and documentation issues continued to require attention from Mayo staff. Much of the discussion centered around design considerations for CTS2 supported common clients for value sets with the discussion beginning to be shaped by considerations for users of CDISC and FDA SPL value sets. Support continued for CBIIT evaluation of CTS2 code base currently available. Preparatory work for an upgrade of the CTS2 service to the 1.1 version of CTS2 began as well as investigation into a number of issues found during deployment.

Please see the weekly meeting notes for details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.1+Maintenance+and+Operations+2014>

B. Issues Resolved Over the Covered Period

Activity	Description/Comments
Continuing Deployment Support	Review of indexes and procedures for dataqa to stage deployments provided some opportunities for improving processes and examining some potential indexing failures.
Discussions around the design of value sets client implementations	Intensive design and review process for CTS2 enabled value set services.
General documentation review with a task list created	Documentation reviews and updates continued to some extent
Support for some dataqa processes via the creation of some sample code for dataqa users	
Support for script testing via a test script	
Face to Face Planning for a follow up meeting in March	
Some updates to LexEVS CTS2 evaluated and completed	

Activity	Description/Comments
Ongoing support for CBIIT evaluation of the existing code base built around CTS2	

C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
JIRA #605	https://tracker.nci.nih.gov/browse/LEXEVS-605
JIRA #606	https://tracker.nci.nih.gov/browse/LEXEVS-606
JIRA #607	https://tracker.nci.nih.gov/browse/LEXEVS-607
JIRA #608	https://tracker.nci.nih.gov/browse/LEXEVS-608
JIRA #609	https://tracker.nci.nih.gov/browse/LEXEVS-609
JIRA #610	https://tracker.nci.nih.gov/browse/LEXEVS-610
JIRA #611	https://tracker.nci.nih.gov/browse/LEXEVS-611
JIRA #612	https://tracker.nci.nih.gov/browse/LEXEVS-612
JIRA #613	https://tracker.nci.nih.gov/browse/LEXEVS-613
JIRA #614	https://tracker.nci.nih.gov/browse/LEXEVS-614
JIRA #615	https://tracker.nci.nih.gov/browse/LEXEVS-615

D. New Releases of the Software

Release	Description of the Release

E. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

F. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
JIRA #603	https://tracker.nci.nih.gov/browse/LEXEVS-603
JIRA #606	https://tracker.nci.nih.gov/browse/LEXEVS-606
JIRA #607	https://tracker.nci.nih.gov/browse/LEXEVS-607
JIRA #615	https://tracker.nci.nih.gov/browse/LEXEVS-615

G. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

H. 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+6.1+Maintenance+and+Operations+2014> 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 brief summary. This site will evolve throughout the lifecycle of this project.

I. Status of Deliverables

Deliverable/Milestone	Delivery Date	Status
Program Management	Ongoing	In Progress

Deliverable/Milestone	Delivery Date	Status
Maintenance of Software System	Ongoing	In Progress
Provide Technical Expertise	Ongoing	In Progress
Project Wiki	11/09/2012	Complete
Monthly Technical Reports:		Complete
November 2012	12/09/2012	
December 2012	1/10/2013	
January 2013	3/10/2013	
February 2013	4/10/2013	
March 2013	5/10/2013	
May 2013	6/10/2013	
June 2013	7/10/2013	
July 2013	8/10/2013	
August 2013	9/10/2013	
September 2013	10/10/2013	
October 2013	11/10/2013	
November 2013	12/10/2013	
December 2013	1/10/2014	
January 2014	2/10/2014	
February 2014	3/10/2014	

Deliverable/Milestone	Delivery Date	Status
Monthly Financial Reports:		Complete
November 2012	12/09/2012	
December 2012	1/10/2013	
January 2013	3/10/2013	
February 2013	4/10/2013	
March 2013	5/10/2013	
May 2013	6/10/2013	
June 2013	7/10/2013	
July 2013	8/10/2013	
August 2013	9/10/2013	
September 2013	10/10/2013	
October 2013	11/10/2013	
November 2013	12/10/2013	
December 2013	1/10/2014	
January 2014	2/10/2014	
February 2014	3/10/2014	

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

Activity	Description
Update LexEVS CTS2 service to incorporate latest CTS2 framework incorporating CTS2 1.1	Includes work on value set module expansion
Common CTS2 Client	Implement a value set client for a variety of CTS2 services
Need a convenience method for identifying and retrieving resolved value set coding schemes.	
Planning for upcoming release and development cycle	

Activity	Description
Upgrade LexEVS for Java 1.7	

K. Additional Reporting

Intensive planning and evaluation around the use of CTS2 value sets in a common client set the tone for work proceeding towards the value set implementation.