

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance**

**Subcontract No. 12ST1106**

**May 2014**

April 1 – April 30, 2014

**Submitted by:**

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## A. Technical Overview

Security issues, deployment support, work on the latest value set modules, UI work and investigation and discussion around providing users of FDA value sets with value set entry data, and a gitHub central repository location comprised the bulk of activities for this month. The Focus was upon finishing the Value Set Viewer and the Value Set Modules and prepping the various classes to work with the distributed LexEVS API so that the deployed 1.1 services on Mayo's informatics server would point to the EVS Production service.

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
The CTS2 service was adapted to run against the distributed service.	
CTS2 service and UI deployment was completed and evaluation of the service while being used by the Value Set Viewer began.	
A number of issues were discovered and fixed in both the Viewer and a variety of services.	
Continuing Deployment Support	Continuing security measures exposed issues requiring immediate attention of the LexEVS team and Systems team. Configuration issues around the CTS2 Service were diagnosed and fixed.
Continued discussions around Value Set Versioning issues design	
Completed work on the Struts vulnerability and developers subsequently needed to address a similar issue later in the month.	
Value Set Module update to CTS2 was completed	Further work on this and other modules was completed based on evaluations and requirements.

Activity	Description/Comments
A variety of minor support, design and version repository issues	
Work on the Value Set Common UI Continued	

### C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
JIRA #632	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-632">https://tracker.nci.nih.gov/browse/LEXEVS-632</a>
JIRA #631	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-631">https://tracker.nci.nih.gov/browse/LEXEVS-631</a>
JIRA #630	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-630">https://tracker.nci.nih.gov/browse/LEXEVS-630</a>
JIRA #629	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-629">https://tracker.nci.nih.gov/browse/LEXEVS-629</a>
JIRA #628	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-628">https://tracker.nci.nih.gov/browse/LEXEVS-628</a>
JIRA #627	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-627">https://tracker.nci.nih.gov/browse/LEXEVS-627</a>
JIRA #626	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-626">https://tracker.nci.nih.gov/browse/LEXEVS-626</a>
JIRA #625	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-625">https://tracker.nci.nih.gov/browse/LEXEVS-625</a>
JIRA #624	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-624">https://tracker.nci.nih.gov/browse/LEXEVS-624</a>

### 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 #607	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-607">https://tracker.nci.nih.gov/browse/LEXEVS-607</a>
JIRA #621	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-621">https://tracker.nci.nih.gov/browse/LEXEVS-621</a>
JIRA #631	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-631">https://tracker.nci.nih.gov/browse/LEXEVS-631</a>
JIRA #632	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-632">https://tracker.nci.nih.gov/browse/LEXEVS-632</a>

**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
Maintenance of Software System	Ongoing	In Progress

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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	
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**

<b>Activity</b>	<b>Description</b>
Complete Code updates for MySQL 5.5	Diagnoses and correction of any SQL and JDBC problems
Common CTS2 Client	Implement a value set client for a variety of CTS2 services
General Support for NCI as needed.	Security and incidental issues as need and priority allows
Upgrade LexEVS for Java 1.7	Focused on correcting any failing JUnits.

## **K. Additional Reporting**

Design consideration and discussion for a number of value set related issues continued this month around FDA/CDISC requirements, value set versioning and canonical value set URI's for the NCI, caDSR domains. Preliminary architecture discussions focused on the requirements of the Lucene indexes.