

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance**

**Subcontract No. 12ST1106**

**October 2014**

September 1 – September 30, 2014

**Submitted by:**

**Craig Stancl, Scott Bauer**

**Date:**

**October 10, 2014**

## Contents

A. Technical Overview.....	3
B. Issues Resolved Over the Covered Period .....	3
C. New Issues Identified.....	4
D. New Releases of the Software.....	5
E. Presentations, Documentation Updates, Community Communication.....	5
F. Outstanding Issues Being Actively Worked .....	5
G. Critical Risks or External Dependencies.....	7
H. Status of Deliverables/Milestones Overview.....	7
I. Status of Deliverables.....	7
J. Description of Work/Activities Planned for the next Month .....	8
K. Additional Reporting.....	9

## A. Technical Overview

Concentration this month was on contract wrap up with a focus on a compressed deployment schedule as a goal. Mayo personnel travelled to the NCI site to provide close support for deployment tasks. Documentation and contract negotiation wrap up concluded most of the business for this month. Mayo concluded its performance evaluations on Dev for the LexEVS api demonstrating the viability of high performance given a correct configuration, local tech stack and adequate hardware support.

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
Performance testing on DEV for the LexEVS distributed API. A comparison spread sheet provided a contrast between past and present performance.	Results provided the fastest ever return times for this API. Some of the slowest method calls improved 500%. Clear case is made for maintaining the correct environment for this application
Diagnosed and corrected security restrictions around external web services for WSDL and XSD resolution required by the application	
Removed the legacy CTS2 Java API based on an early version of the CTS2 standard	Needed some follow up to correct a build issue.
Created an alternative landing page for the CTS2 service	
Created a plan for compressed deployment schedule and delivered that plan to NCI in the form of a Gantt chart.	
Participated in a summit, demo with UMLS to share activities around present and future goals for terminology management.	

Activity	Description/Comments
Provided on site support for successful deployment movement from QA to Stage	

### C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
JIRA #644	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-644">https://tracker.nci.nih.gov/browse/LEXEVS-644</a>
JIRA #645	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-645">https://tracker.nci.nih.gov/browse/LEXEVS-645</a>
JIRA #646	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-646">https://tracker.nci.nih.gov/browse/LEXEVS-646</a>
JIRA #647	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-647">https://tracker.nci.nih.gov/browse/LEXEVS-647</a>
JIRA #648	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-648">https://tracker.nci.nih.gov/browse/LEXEVS-648</a>
JIRA #649	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-649">https://tracker.nci.nih.gov/browse/LEXEVS-649</a>
JIRA #650	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-650">https://tracker.nci.nih.gov/browse/LEXEVS-650</a>
JIRA #651	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-651">https://tracker.nci.nih.gov/browse/LEXEVS-651</a>
JIRA #652	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-652">https://tracker.nci.nih.gov/browse/LEXEVS-652</a>
JIRA #653	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-653">https://tracker.nci.nih.gov/browse/LEXEVS-653</a>
JIRA #654	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-654">https://tracker.nci.nih.gov/browse/LEXEVS-654</a>
JIRA #655	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-655">https://tracker.nci.nih.gov/browse/LEXEVS-655</a>
JIRA #656	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-656">https://tracker.nci.nih.gov/browse/LEXEVS-656</a>
JIRA #657	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-657">https://tracker.nci.nih.gov/browse/LEXEVS-657</a>
JIRA #658	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-658">https://tracker.nci.nih.gov/browse/LEXEVS-658</a>
JIRA #659	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-659">https://tracker.nci.nih.gov/browse/LEXEVS-659</a>

Activity/Issue	Description to corrective activity/issue
JIRA #660	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-660">https://tracker.nci.nih.gov/browse/LEXEVS-660</a>
JIRA #661	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-661">https://tracker.nci.nih.gov/browse/LEXEVS-661</a>
JIRA #662	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-662">https://tracker.nci.nih.gov/browse/LEXEVS-662</a>
JIRA #663	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-663">https://tracker.nci.nih.gov/browse/LEXEVS-663</a>
JIRA #664	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-664">https://tracker.nci.nih.gov/browse/LEXEVS-664</a>
JIRA #665	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-665">https://tracker.nci.nih.gov/browse/LEXEVS-665</a>
JIRA #666	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-666">https://tracker.nci.nih.gov/browse/LEXEVS-666</a>
JIRA #667	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-667">https://tracker.nci.nih.gov/browse/LEXEVS-667</a>
JIRA #668	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-668">https://tracker.nci.nih.gov/browse/LEXEVS-668</a>
JIRA #669	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-669">https://tracker.nci.nih.gov/browse/LEXEVS-669</a>
JIRA #670	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-670">https://tracker.nci.nih.gov/browse/LEXEVS-670</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 #645	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-645">https://tracker.nci.nih.gov/browse/LEXEVS-645</a>

Activity/Issue	Description/Comments
JIRA #646	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-646">https://tracker.nci.nih.gov/browse/LEXEVS-646</a>
JIRA #647	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-647">https://tracker.nci.nih.gov/browse/LEXEVS-647</a>
JIRA #648	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-648">https://tracker.nci.nih.gov/browse/LEXEVS-648</a>
JIRA #649	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-649">https://tracker.nci.nih.gov/browse/LEXEVS-649</a>
JIRA #650	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-650">https://tracker.nci.nih.gov/browse/LEXEVS-650</a>
JIRA #651	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-651">https://tracker.nci.nih.gov/browse/LEXEVS-651</a>
JIRA #652	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-652">https://tracker.nci.nih.gov/browse/LEXEVS-652</a>
JIRA #653	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-653">https://tracker.nci.nih.gov/browse/LEXEVS-653</a>
JIRA #654	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-654">https://tracker.nci.nih.gov/browse/LEXEVS-654</a>
JIRA #655	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-655">https://tracker.nci.nih.gov/browse/LEXEVS-655</a>
JIRA #656	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-656">https://tracker.nci.nih.gov/browse/LEXEVS-656</a>
JIRA #657	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-657">https://tracker.nci.nih.gov/browse/LEXEVS-657</a>
JIRA #658	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-658">https://tracker.nci.nih.gov/browse/LEXEVS-658</a>
JIRA #659	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-659">https://tracker.nci.nih.gov/browse/LEXEVS-659</a>
JIRA #660	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-660">https://tracker.nci.nih.gov/browse/LEXEVS-660</a>
JIRA #661	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-661">https://tracker.nci.nih.gov/browse/LEXEVS-661</a>
JIRA #664	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-664">https://tracker.nci.nih.gov/browse/LEXEVS-664</a>

Activity/Issue	Description/Comments
JIRA #665	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-665">https://tracker.nci.nih.gov/browse/LEXEVS-665</a>
JIRA #666	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-666">https://tracker.nci.nih.gov/browse/LEXEVS-666</a>
JIRA #667	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-667">https://tracker.nci.nih.gov/browse/LEXEVS-667</a>
JIRA #668	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-668">https://tracker.nci.nih.gov/browse/LEXEVS-668</a>
JIRA #670	<a href="https://tracker.nci.nih.gov/browse/LEXEVS-670">https://tracker.nci.nih.gov/browse/LEXEVS-670</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
Provide Technical Expertise	Ongoing	In Progress
Project Wiki	11/09/2012	Complete

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
Monthly Technical Reports: January 2014 February 2014 March 2014 April 2014 May 2014 June 2014 July 2014 August 2014 September 2014	2/10/2014 3/10/2014 4/10/2014 5/10/2014 6/10/2014 7/10/2014 8/10/2014 9/10/2014 10/10/2014	Complete
Monthly Financial Reports: January 2014 February 2014 March 2014 April 2014 May 2014 June 2014 July 2014 August 2014 September 2014	2/10/2014 3/10/2014 4/10/2014 5/10/2014 6/10/2014 7/10/2014 8/10/2014 9/10/2014 10/10/2014	Complete

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

<b>Activity</b>	<b>Description</b>
Decide and plan on goals and activities for the upcoming contract	
Continue support for production deployment	
Continue work on non-tier related issues	

Activity	Description
Begin work on any prioritized issues for this month	

**K. Additional Reporting**

Deployment cooperation and participation by a wide variety of participants contributed to the successful deployment to stage. This was qualified to some extent by continuing issues with some RRF loads (Latest of two versions of SNOMED), and some adjustments to functionality of delivered code. Overall the movement to very new physical environment provided significant challenges which were nonetheless met thanks the cooperation of a number of individuals from different NCI departments that provided focus and attention in a timely manner.