

Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 12ST1106

September 2014

August 1 – August 31, 2014

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Date:

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A. Technical Overview

Deployment, preliminary development level QA and performance evaluations were a significant part of the current month's activities. Adjustments to the CTS2 Service also began with some capabilities to provide active only entities to the end user. During this time collaborative work on a tighter schedule for deployment began. Some code cleanup related to security issues around legacy software also took place. Contract negotiations are underway for the next iteration of LexEVS.

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
Initial deployment, and testing of the LexEVS local runtime and distributed API took place	New Security measures required some adjustments around the resolution of xml schemas and network security.
Deployment tasks were defined and task owners identified	
Completed implementation of CTS2 function that selects active only or active and inactive entities from a code system	
Evaluation of URI Resolver and estimation of updates for purposes of recording URI use	
Removed legacy code around struts implementation	
Began an implementation to allow adjustment to the landing page of the CTS2 service (Defaults currently to a generic CTS2 framework page)	Required adjustment to a third party framework which fortunately was under Mayo Control

Activity	Description/Comments
Verified a variety of issues and deployments including code issues and deployment failures on the new Shady Grove environment	
Evaluated testing for current distributed API to verify possible improvement of process	No tasks could be made more granular. Many were specifically targeted tests specifically designed to exercise versioning and other source specific functions.

C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
JIRA #643	https://tracker.nci.nih.gov/browse/LEXEVS-643
JIRA #642	https://tracker.nci.nih.gov/browse/LEXEVS-642

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 #639	https://tracker.nci.nih.gov/browse/LEXEVS-639
JIRA #633	https://tracker.nci.nih.gov/browse/LEXEVS-633
JIRA #573	https://tracker.nci.nih.gov/browse/LEXEVS-573

Activity/Issue	Description/Comments
JIRA #371	https://tracker.nci.nih.gov/browse/LEXEVS-371
JIRA #538	https://tracker.nci.nih.gov/browse/LEXEVS-538
JIRA #599	https://tracker.nci.nih.gov/browse/LEXEVS-599

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

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

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

Activity	Description
Create deployment plan starting with activities list and winding up with a Gantt chart	
Facilitate initial deployment to Dev. Complete DEV verification and performance review	
Week long Face to Face for expedited deployment to QA and subsequently, Stage	
Create Project Closure Documentation and meetings as necessary	

Activity	Description
Conclude Contract negotiations and where necessary, project planning for next contract.	
Conclude JIRA items and initiate code freeze	

K. Additional Reporting

Preparations for deployment took place this month as work on began to wrap up.