

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance**

**Subcontract No. 12ST1106**

**January 2013**

December 1 – December 31, 2012

**Submitted by:**

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**Date:**

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## A. Technical Overview

We are continuing to work on priority issues identified during the EVS/LexEVS weekly meeting. The Mayo team has obtained the necessary account access for all members of the team. We will continue to work on Jira items, finalize the project plan, and plan for feature development.

Please see the weekly meeting notes for further details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.0+Maintenance+2012+-+2013>

## B. Issues Resolved Over the Covered Period

Activity	Description/Comments
Issue using LexEVS GUI on Win 7	No issue created and issue has been fixed.
Obtain NCI User IDs and Passwords (Craig, Scott, Kevin, Lian)	Complete
Obtain VPN Access (Craig, Scott, Kevin, Lian)	Complete
Obtain confluence wiki access (Craig, Scott, Kevin, Lian)	Complete
Obtain JIRA access. (Craig, Scott, Kevin, Lian)	Complete
JIRA #523 - <a href="#">Critical vulnerability in Apache struts</a>	Completed for 6.0 fix. This included Struts fix and updates to corresponding 6.0 Junits. This fix was based on the 6.0.3 codebase.
Prioritization of Jira items.	Priority identified:  JIRA #523 - <a href="#">Critical vulnerability in Apache struts</a>  JIRA #526 – <a href="#">Metathesaurus unable to load or Resume</a>  JIRA #522 - <a href="#">Excessive SQL Query crashes server</a>  We will then review and prioritize other critical/blocker items.

External LexEVS Server	There was discussion about creating an external LexEVS server while the Struts fix was moving up NCI tiers. There would be cost and resources necessary to do this. At this time, the 6.0 fix is in place and the urgency to have an external hosted LexEVS server is lessened.
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**C. New Issues Identified**

Activity/Issue	Description to corrective activity/issue
Obtain NCI User IDs and Passwords	Add additional staff to the Mayo team. This includes Mandy Ager, Sahana Murthy and Linda Hardie.
Obtain VPN Access	Add additional staff to the Mayo team. This includes Mandy Ager, Sahana Murthy and Linda Hardie.
Obtain confluence wiki access	Add additional staff to the Mayo team. This includes Mandy Ager, Sahana Murthy and Linda Hardie.
Obtain JIRA access	Add additional staff to the Mayo team. This includes Mandy Ager, Sahana Murthy and Linda Hardie.

**D. New Releases of the Software**

Release	Description of the Release

6.0.3.1	Contains struts fix for JIRA #523 - <a href="#">Critical vulnerability in Apache struts</a>

## E. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity
Release notes for 6.0.3.1	Created release notes for the 6.0.3.1 release.

## F. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
JIRA #523 - <a href="#">Critical vulnerability in Apache struts</a>	Currently working on the Struts fix for 5.1 LexEVS.  This also includes the update to the corresponding Junits.
JIRA #526 – <a href="#">Metathesaurus unable to load or Resume</a>	Attempt to recreate the issue on Mayo server for further debug.
JIRA #522 - <a href="#">Excessive SQL Query crashes server</a>	Reviewing code from FDA application that creates large amounts of threads. Once reviewed, plan on discussing possible solutions.

## G. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

New Feature Development Planning	Planning session is critical in efforts to implement new features to LexEVS. Mayo is coordinating planning session with NCI staff.
The project plan is still not complete.	The plan is not complete, as the necessary planning sessions have not been held. This should happen during the month of January 2013.
JIRA #522 - <a href="#">Excessive SQL Query crashes server</a>	This item needs to be discussed and NCI and Mayo need to decide if there is an acceptable solution.

## 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+6.0+Maintenance+2012+-+2013> . 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
Monthly Technical Reports:		Complete
November 2012	11/09/2012	
December 2012	12/10/2012	
January 2013	01/10/2013	
Monthly Financial Reports:		Complete
November 2012	11/09/2012	
December 2012	12/10/2012	
January 2013	01/10/2013	

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

Activity	Description
Continue work on identified JIRA Items.	Please see items at <a href="https://tracker.nci.nih.gov/browse/LEXEVS">https://tracker.nci.nih.gov/browse/LEXEVS</a>
Plan New Development	Planning sessions will be scheduled and project plan to be put in place for implementation.
Develop Project Plan	Based on planning sessions, a project plan will be created.

**K. Additional Reporting**

We are significantly under the month burn rate as we have been waiting for Jira #523 to be moved up the NCI hardware tiers. The team has been waiting for access to VPN, which has slowed down the amount of work we can do. VPN access has been resolved and we now have access to the NCI systems necessary to do our work. We have increased our staffing and have begun to address additional Jira items.