

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance  
Subcontract No. 13XS500 – Modification 4**

**September 2015  
August 1 – August 31, 2015**

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**Date:**

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## A. Technical Overview

Sprint 9 (July 23, 2015 – August 5, 2015) was finished up with work concentrating on the ability to load a coding scheme into an index as well as finalizing the LexEVS 6.3 documentation.

Sprint 10 (August 06, 2015 – August 19, 2015) consisted of implementing the ability to delete a coding scheme from an index, actively refresh a modified set of coding schemes, and update the existing analyzers during load time.

Sprint 11 (August 20, 2015 – September 2, 2015) consisted of work to update the code to cleanup a coding scheme and drop metadata from the metadata index as needed.

Other miscellaneous issues worked on included an OWL2 loader issue, updating the CTS2 API documentation server to point to 6.3 CTS2 REST URL and investigating possible supported namespace issues.

We also provided continued product maintenance and deployment support across all sprints.

Please see the weekly meeting notes for details:

<https://wiki.nci.nih.gov/display/LexEVS/LexEVS+6.3+and+6.4+Weekly+Meeting+Minutes>

## B. Issues Resolved Over the Covered Period

Activity	Description/Comments
6.4 Lucene project – Sprint 9 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=378">https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=378</a>
6.4 Lucene project – Sprint 10 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=387">https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=387</a>
6.4 Lucene project – Sprint 11 started	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=403">https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=403</a>
<a href="#">LEXEVS-1055</a>	LexEVS OWL2 loader fails when there is no network connectivity
<a href="#">LEXEVS-1071</a>	Provide LexEVS 6.3 documentation to support Production deployment
<a href="#">LEXEVS-1079</a>	Update CTS2 Documentation Server

Activity	Description/Comments
<a href="#">LEXEVS-1084</a>	Investigate possible Supported Namespaces data issue

### C. New Releases of the Software

Release	Description of the Release
LexEVS 6.3	Latest release of LexEVS.

### D. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

### E. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
<a href="#">LexEVS 6.4 - Sprint 11</a>	LexEVS 6.4 Sprint 11 Stories

### F. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
LexEVS 6.4 Lucene Development	Many of the tasks associated with implementing the new Lucene 5.2.1 search engine are unknown in size. This has the potential of pushing out the release date as we encounter these tasks.

### G. Status of Deliverables/Milestones Overview

We have created a project wiki site out on Confluence Wiki at:

- <https://wiki.nci.nih.gov/pages/viewpage.action?pagelid=238354574>

We have created a JIRA agile board for the LexEVS 6.4 Lucene release at:

- <https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=planning.nodetail>

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.

## H. Status of Deliverables

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
Program Management	Ongoing	In Progress
Maintenance of Software System	Ongoing	In Progress
Provide Technical Expertise	Ongoing	In Progress
Project Wiki	11/10/2014	In Progress
Monthly Technical Reports:		
October 2014	11/10/2014	Complete
November 2014	12/10/2014	Complete
December 2014	01/10/2015	Complete
January 2015	02/10/2015	Complete
February 2015	03/10/2015	Complete
March 2015	04/10/2015	Complete
April 2015	05/10/2015	Complete
May 2015	06/10/2015	Complete
June 2015	07/10/2015	Complete
July 2015	08/10/2015	Complete
August 2015	09/10/2015	Complete
Monthly Financial Reports:		
October 2014	11/10/2014	Complete
November 2014	12/10/2014	Complete
December 2015	01/10/2015	Complete
January 2015	02/10/2015	Complete
February 2015	03/10/2015	Complete
March 2015	04/10/2015	Complete
April 2015	05/10/2015	Complete
May 2015	06/10/2015	Complete
June 2015	07/10/2015	Complete
July 2015	08/10/2015	Complete
August 2015	09/10/2015	Complete

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

<b>Activity</b>	<b>Description</b>
LexEVS 6.4 Lucene development	Continue development on Lucene changes based on our approved design document.
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

**J. Additional Reporting**