

# **Monthly Technical Status Report**

**LexEVS Operations and Maintenance  
Subcontract No. 13XS500 – Modification 7**

**February 2016**

January 1 – January 31, 2016

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**Date:**

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## A. Technical Overview

We finished sprint 20 (December 24, 2015 – January 06, 2016). This sprint consisted of updating the class path for several scripts as well as fixing a namespace issue in our path to root implementation and replacing indexes when reloading content.

Sprint 21 (January 07, 2016 – January 20, 2016) consisted of refactoring the query parser factory to initialize multiple parsers, updating the search extension API to support multi-index querying and fixing issues associated with logging messages, and admin scripts. As part of this sprint, we also provided the latest LexEVS artifacts to be installed on NCI's development service for testing.

We started sprint 22 (January 21, 2016 – February 03, 2016) and completed most of the assigned work. This included being able to load and read coding schemes without restarting the JVM as well as fixing several admin scripts for loading and exporting coding schemes. Additionally, we fixed an issue found with the cleanup utility.

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 20 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=529">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=529</a>
6.4 Lucene project – Sprint 21 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=534">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=534</a>
6.4 Lucene project – Sprint 22 started	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=553">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=553</a>
<a href="#">LEXEVS-1427</a>	Correct Namespace Functionality in path to root implementation
<a href="#">LEXEVS-1340</a>	Query against missing index creates obscure error message
<a href="#">LEXEVS-1420</a>	Admin Script LoadRadLexProtegeFrames is no longer used

### C. New Releases of the Software

Release	Description of the Release
LexEVS 6.3.0.2RC1	This is a patch Release Candidate for LexEVS 6.3. This patch fixes the following issue: <ul style="list-style-type: none"><li>• <a href="#">LEXEVS-1427</a> Correct Namespace Functionality in path to root implementation.</li></ul>

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

Activity	Description of the Activity
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### E. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
<a href="#">LexEVS 6.4 - Sprint 22</a>	LexEVS 6.4 Sprint 22 Stories
<a href="#">LEXEVS-1418</a>	Admin Script CleanUpMetadata is broken
<a href="#">LEXEVS-1419</a>	Admin Script ExportOBO is broken
<a href="#">LEXEVS-1421</a>	Admin Script LoadUmlsBatch is broken
<a href="#">LEXEVS-1422</a>	Admin Script LoadMedDRA is broken
<a href="#">LEXEVS-1520</a>	Inactive Coding Schemes can be queried
<a href="#">LEXEVS-1521</a>	Some property qualifier based searches do not return values
<a href="#">LEXEVS-1522</a>	Lazy Loadable Code to Return Fails on a single value
<a href="#">LEXEVS-1523</a>	Under some conditions, queries to newly tagged terminologies cause a failure.
<a href="#">LEXEVS-1524</a>	Mapping Node resolve to iterator fails

<a href="#">LEXEVS-1525</a>	Under some circumstances, resolved value set does not return expected results
<a href="#">LEXEVS-1526</a>	XML export does not work except for associations
<a href="#">LEXEVS-1552</a>	Cleanup Utility fails

## 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 5.3.1 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?pageId=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

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	11/10/2014	In Progress

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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
September 2015	10/10/2015	Complete
October 2015	11/10/2015	Complete
November 2015	12/10/2015	Complete
December 2015	01/10/2016	Complete
January 2016	02/10/2016	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
September 2015	10/10/2015	Complete
October 2015	11/10/2015	Complete
November 2015	12/10/2015	Complete
December 2015	01/10/2016	Complete
January 2016	02/10/2016	Complete

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

<b>Activity</b>	<b>Description</b>
LexEVS 6.4 Lucene development	Finish development of Lucene changes based on our approved design document.  Verify/fix any issues associated with services that use the LexEVS API running the new Lucene code base.
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

**J. Additional Reporting**