

# **Monthly Technical Status Report**

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

**May 2015**

**April 1 – April 30, 2015**

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**Date:**

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## A. Technical Overview

The LexEVS 6.4 Lucene design (sprint 2) has been completed as part of the 6.4 design review package. We have reviewed the design with our stakeholders and they have agreed to the proposed design and have signed off on the 6.4 design review package. Sprint 3 has also been completed.

Stakeholders have decided that LexEVS 6.3 needs to be deployed as an official release to production. This release will support the current development work being done in the 2.7 term browser. A list of high priority defects (tree extension and mapping extension fixes) was identified and need to be incorporated in LexEVS 6.3 before we consider LexEVS 6.3 complete. These high priority defects make up sprint 4, which is in progress.

A PTE has been created for the CTS2 API Service Documentation and we had an ARC meeting to discuss this. A subsequent ticket has been created for the CTS2 API Service Documentation container setup. We also created a LexEVS 6.3 PTE and discussed this at the same ARC meeting.

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
LexEVS 6.4 Design review package signed off	<a href="https://wiki.nci.nih.gov/pages/viewpage.action?pageId=238354574#LexEVS6.3and6.4DevelopmentDocuments(2014.10to2015.10)-DocumentSign-offforLexEVS6.4DesignReviewPackage">https://wiki.nci.nih.gov/pages/viewpage.action?pageId=238354574#LexEVS6.3and6.4DevelopmentDocuments(2014.10to2015.10)-DocumentSign-offforLexEVS6.4DesignReviewPackage</a>
Stakeholders decided to officially deployed LexEVS 6.3	
LexEVS 6.3 Design review package signed off	<a href="https://wiki.nci.nih.gov/pages/viewpage.action?pageId=238354574#LexEVS6.3and6.4DevelopmentDocuments(2014.10to2015.10)-DocumentSign-offforLexEVS6.3DesignReviewPackage">https://wiki.nci.nih.gov/pages/viewpage.action?pageId=238354574#LexEVS6.3and6.4DevelopmentDocuments(2014.10to2015.10)-DocumentSign-offforLexEVS6.3DesignReviewPackage</a>
ARC document has been created for the CTS2 API Documentation Service	<a href="https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+ARC+Document++CTS2+Documentation+API+Service">https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+ARC+Document++CTS2+Documentation+API+Service</a>
PTE document has been created for the CTS2 API Documentation Service	<a href="https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+CTS2+Documentation+Service+PTE">https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+CTS2+Documentation+Service+PTE</a>

Activity	Description/Comments
ARC document has been created for LexEVS 6.3	<a href="https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+ARC+Document">https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+ARC+Document</a>
PTE document has been created for LexEVS 6.3	<a href="https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+API+PTE">https://wiki.nci.nih.gov/display/sysdeploy/LexEVS+6.3+API+PTE</a>
6.4 Lucene project – Sprint 2 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=279">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=279</a>
6.4 Lucene project – Sprint 3 completed	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=287">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=287</a>
6.4 Lucene project – Sprint 4 started	<a href="https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=301">https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&amp;view=reporting&amp;chart=sprintRetrospective&amp;sprint=301</a>
<a href="#">LEXEVS-826</a>	RRF loader - staging table column width needs to be increased for AUI1 and AUI2
<a href="#">LEXEVS-828</a>	Investigation of serialization error on mapping api
<a href="#">LEXEVS-829</a>	Mapping extension iterator delivers incorrect or infinite number of next () values
<a href="#">LEXEVS-851</a>	Tree extension returns nodes from another scheme in multi-namespace search
<a href="#">LEXEVS-852</a>	The buildJsonPathFromRootTree method returns JSON string with no namespace.
<a href="#">LEXEVS-853</a>	Missing restrictions after OWL2 load
<a href="#">LEXEVS-854</a>	Codes get prefixed with a namespace
<a href="#">LEXEVS-855</a>	NDFRT OWL2 loads restrictions as anonymous classes

### C. New Issues Identified

Activity/Issue	Description to corrective activity/issue
<a href="#">LEXEVS-879</a>	RRF Loader stage files - Remove all unused sql schema files that are no longer used.
<a href="#">LexEVS 6.4 - Sprint 3</a>	LexEVS 6.4 Sprint 3 Stories
<a href="#">LexEVS 6.4 - Sprint 4</a>	LexEVS 6.4 Sprint 4 Stories

### D. New Releases of the Software

Release	Description of the Release
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### E. Presentations, Documentation Updates, Community Communication

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

Activity/Issue	Description/Comments
<a href="#">LEXEVS-911</a>	Iterator count and number of values remaining do not match in mapping extension
<a href="#">LEXEVS-913</a>	Establish and execute on backwards compatibility for 6.3
<a href="#">LexEVS 6.4 - Sprint 4</a>	LexEVS 6.4 Sprint 4 Stories

### G. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
LexEVS 6.3 needs to be deployed to production.	Now that LexEVS 6.3 will be released to production, we will be required to take additional development resources to assist in this effort. This will push out the LexEVS 6.4 Lucene timeline.

## H. 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>

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

<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
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

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

<b>Activity</b>	<b>Description</b>
LexEVS 6.3 Issue completion	Resolve the identified high priority LexEVS 6.3 issues that are needed to be incorporated in the LexEVS 6.3 release and assist in deployment.
LexEVS 6.4 Lucene development	Start 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.

**K. Additional Reporting**