

Monthly Technical Status Report

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

August 2015

July 1 – July 31, 2015

Submitted by:

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A. Technical Overview

Sprint 7 (June 25, 2015 – July 8, 2015) was finished up with the completion of the Lucene block join prototype working with Lucene 5.2.1. Timing results for the prototype look promising.

Sprint 8 (July 9, 2015 – July 22, 2015) consisted of updating our LexEVS codebase, moving all old Lucene API interface references to the new 5.2.1 Lucene API interface. Lexevs-service (CTS2 service) 6.3 was also moved up the tiers from DEV to QA to STAGE and then PROD. An appscan on this service had some initial network issues and took an extended amount of time, but did eventually pass.

Sprint 9 (July 23, 2015 – August 5, 2015) was started with work concentrating on the ability to load a coding scheme into an index.

The Mayo team also investigated Nexus (Maven repository) mirroring issues between Mayo and NCI. This issue has been resolved and NCI is able to build pulling code from their Nexus mirror. There was also an OBI load issue that was resolved.

In preparation of the official release of LexEVS 6.3, the Mayo team updated the NCI wiki pages accordingly.

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 7 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=352
6.4 Lucene project – Sprint 8 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=360
6.4 Lucene project – Sprint 9 started	https://tracker.nci.nih.gov/secure/RapidBoard.jspx?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=378
LEXEVS-946	OBI hierarchy is broken
LEXEVS-686	lbRuntime scripts dependent on lexgrid.org

Activity	Description/Comments
LEXEVS-1055	LexEVS OWL2 loader fails when there is no network connectivity
LEXEVS-942	MRMAP loader doesn't load all available mappings
LEXEVS-1017	Unable to access extension.xsd from Mayo's server.
LEXEVS-980	Unable to retrieve source and target versions of a mapping coding scheme through Relations API.

C. New Releases of the Software

Release	Description of the Release

D. Presentations, Documentation Updates, Community Communication

Activity	Description of the Activity

E. Outstanding Issues Being Actively Worked

Activity/Issue	Description/Comments
LexEVS 6.4 - Sprint 9	LexEVS 6.4 Sprint 9 Stories

F. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
LexEVS 6.3 needs to be deployed to production.	With the additional work associated with the release of LexEVS 6.3 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.

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
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

Deliverable/Milestone	Delivery Date	Status
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

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

Activity	Description
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