Monthly Technical Status Report

LexEVS Operations and Maintenance

Subcontract No. 13XS500 – Modification 8

April 2016

March 1 – March 31, 2016

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Date:

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Contents

A.   Technical Overview

We finished sprint 24 (February 18, 2016 – March 02, 2016). In this sprint, the core Lucene development was completed. Several LexEVS GUI issues and admin scripts were also resolved during this sprint. Additionally, LexEVS 6.3.0.2 was tagged and released.

We finished sprint 25 (March 03, 2016 – March 16, 2016). In this sprint, we updated and configured LexEVS Remote API to run locally with LexEVS 6.4 Lucene changes. We also updated the LexEVS admin UI to run with the latest changes of LexEVS and tested the CTS2 URI Resolver with LexEVS 6.4. We also performed search profiling on LexEVS.

We finished sprint 26 (March 17, 2016 – March 30, 2016). In this sprint, we configured and validated LexEVS CTS2 to run against the LexEVS 6.4 Lucene changes. We also deployed the latest LexEVS 6.4 Lucene changes to the Nexus server. Additionally, we fixed serialization issues found in our LexEVS code base that affected the LexEVS Remote API.

Sprint 27 (March 31, 2016 – April 13, 2016) was started this month, but there are no updates for this month.

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 24 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=591
6.4 Lucene project – Sprint 25 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=615
6.4 Lucene project – Sprint 26 completed	https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=220&view=reporting&chart=sprintRetrospective&sprint=631
LEXEVS-1169	Admin Script: LoadMedDRA script instructions/example is wrong
LEXEVS-1296	lbGUI cleanup script fails when no metadata is present

Activity	Description/Comments
LEXEVS-1305	lbGUI refresh button does not fully refresh indexes
LEXEVS-1306	lbGUI coding scheme activation fails
LEXEVS-1424	Admin Script LoadResolvedValueSetDefinition is broken
LEXEVS-1425	Admin Script LoadUMLSHistory.bat is broken

C.　New Releases of the Software

Release	Description of the Release
LexEVS v6.3.0.2.FINAL	This is the FINAL patch Release for LexEVS 6.3. This patch fixes the following issue: LEXEVS-1427 Correct Namespace Functionality in path to root implementation

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 27	LexEVS 6.4 Sprint 27 Stories
LEXEVS-1757	Utility method in SearchExtensionImpl can return null when it should not

F.　Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue

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

Deliverable/Milestone	Delivery Date	Status
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
February 2016	03/10/2016	Complete
March 2016	04/10/2016	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
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
February 2016	03/10/2016	Complete
March 2016	04/10/2016	Complete

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

Activity	Description
LexEVS 6.4 Lucene development	Verify/fix any issues associated with services that use the LexEVS API running the new Lucene code base. Deploy LexEVS to NCI's DEV instance and test.
Continued support for LexEVS	Continue to work with the NCI team on new and existing issues.

J.   Additional Reporting