

M394onthly Technical Status Report

**LexEVS Operations and Maintenance
Subcontract No. 16X237
Option Year 2**

July 2018
July 1 – July 31, 2018

Submitted by:

Craig Stancl, Scott Bauer, Cory Endle

Date:
August 10, 2018

Contents

| | |
|--|---|
| M394onthly Technical Status Report | 1 |
| A. Technical Overview | 3 |
| B. New Releases of the Software | 4 |
| C. Presentations, Documentation Updates, Community Communication | 5 |
| D. Outstanding Issues Being Actively Worked | 5 |
| E. Critical Risks or External Dependencies | 5 |
| F. Status of Deliverables/Milestones Overview..... | 5 |
| G. Status of Deliverables | 5 |
| H. Description of Work/Activities Planned for the next Month | 7 |
| I. Additional Reporting | 8 |

A. Technical Overview

Sprint 85 (June 21, 2018 – July 4, 2018) has been completed. In this sprint, there was continued work on a whitepaper and poster. There was also a release candidate (RC2) built for our LexEVS remote and CTS2 components.

Sprint 86 (July 5, 2018 – July 18, 2018) has been completed. In this sprint, there was continued work on the LexEVS poster as well as MED-RT loader support for single source and other RRF loads. Additionally, the team created the final builds for all of our LexEVS components and performed final updates to our projects in Github as well as updating the LexEVS wiki for the 6.5.1 release.

Sprint 87 (July 19, 2018 – August 1, 2018) has been started and will be reported on next 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+16X237+Weekly+Meeting+Minutes>

Issues Resolved Over the Covered Period:

| Sprint | Activity | Description/Comments |
|---------------|--|---|
| Sprint 85 | LexEVS Development - Sprint 85 | LexEVS 6.5 Sprint 85 Stories |
| Sprint 85 | LEXEVS-3851 | Whitepaper: Format, publication set up |
| Sprint 85 | LEXEVS-3900 | CDISC: We will provide an abstract based on LexEVS and its value set implementation |
| Sprint 85 | LEXEVSCTS2-271 | 6.5.1 Release: Build Artifacts for 1.6.1.RC.2 |
| Sprint 85 | LEXEVSREM-265 | 6.5.1 Release: Build Artifacts for 6.5.1.RC2 |
| Sprint 86 | LexEVS Development - Sprint 86 | LexEVS 6.5 Sprint 86 Stories |
| Sprint 86 | CTS2FW-111 | 6.5.1 Release: Build Artifacts for 6.5.1.FINAL |
| Sprint 86 | CTS2FW-117 | Merge Dev branch to Master branch |
| Sprint 86 | LEXEVS-3478 | 6.5.1 Release: Build Artifacts for 6.5.1.FINAL |
| Sprint 86 | LEXEVS-3737 | Unit Tests: CleanUp Utility has limited to no functional capability |
| Sprint 86 | LEXEVS-3796 | RELEASE: Request AppScan on QA for LexEVS |
| Sprint 86 | LEXEVS-3852 | Poster: Create Draft |
| Sprint 86 | LEXEVS-3893 | Update 6.5.1 wiki pages after 6.5.1 artifacts are available |
| Sprint 86 | LEXEVS-3909 | Review and Cleanup the JIRA backlog |
| Sprint 86 | LEXEVS-3926 | Merge Dev branch to Master branch |

| Sprint | Activity | Description/Comments |
|---------------|--------------------------------|--|
| Sprint 86 | LEXEVS-3933 | Investigate Inconsistent value set URIs are returned by different API methods (LEXEVS-3905). |
| Sprint 86 | LEXEVSCTS2-201 | 6.5.1 Release: Build Artifacts for 6.5.1.FINAL |
| Sprint 86 | LEXEVSCTS2-282 | Merge Dev branch to Master branch |
| Sprint 86 | LEXEVSREM-167 | 6.5.1 Release: Build Artifacts for 6.5.1.FINAL |
| Sprint 86 | LEXEVSREM-279 | Merge Dev branch to Master branch |
| Sprint 86 | LEXREMCLI-24 | 6.5.1 Release: Build Artifacts for 6.5.1.FINAL |
| Sprint 86 | LEXSYSTEST-115 | Update referenced version of CTS2 to FINAL |
| Sprint 86 | LEXSYSTEST-117 | Merge Dev branch to Master branch |
| Sprint 86 | LEXEVS-3838 | Loader: Add Authority qualifier to RRF Loads |

B. New Releases of the Software

| Release | Description of the Release |
|--|--|
| <p>Release Date: Sprint 85: June 21, 2018 – July 4, 2018</p> <p>The LexEVS 6.5.1.RC.2 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.2. RC.1.xml • LexEVS-install-6.5.1. RC.2.jar • extLib-6.5.1. RC.2.zip • lexbig-6.5.1. RC.2.jar | <p>LexEVS 6.5.1. RC.2 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • Release Candidate 2 <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.RC.2 issues</p> |
| <p>Release Date: Sprint 86: July 5, 2018 – July 18, 2018</p> <p>The LexEVS 6.5.1.FINAL release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> • LexEVS-install-config-6.5.2. FINAL.xml • LexEVS-install-6.5.1. FINAL.jar • extLib-6.5.1. FINAL.zip • lexbig-6.5.1. FINAL.jar | <p>LexEVS 6.5.1. FINAL Release</p> <p>Highlights</p> <ul style="list-style-type: none"> • 6.5.1 Final Release <p>Details of the features and defects fixed can be found here: LexEVS 6.5.1.FINAL issues</p> |

C. Presentations, Documentation Updates, Community Communication

| Activity | Description of the Activity |
|--|---|
| LexEVS Poster Submitted to CDISC Interchange | Poster that describes the explicit assertion of value sets in the NCI and the new API developed in LexEVS to access these value sets dynamically. |

D. Outstanding Issues Being Actively Worked

| Sprint | Activity/Issue | Description/Comments |
|-----------|--|--|
| Sprint 87 | LexEVS Development - Sprint 87 | LexEVS 6.5 Sprint 87 Stories |
| Sprint 87 | LEXEVS-3464 | Loader: Sources for Properties are not loaded for Meta Thesaurus |
| Sprint 87 | LEXEVS-3948 | Review all of lexevs code base to determine if SSL TLS v1.0 is being used |
| Sprint 87 | LEXEVS-3953 | Investigate what DB work needs to be done to increase the size of text for the qualifierValue column |

E. Critical Risks or External Dependencies

| Activity/Issue | Description to corrective activity/issue |
|----------------|--|
|----------------|--|

F. Status of Deliverables/Milestones Overview

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

- <https://wiki.nci.nih.gov/display/LexEVS/LexEVS+Project+16X237+Documents>

We have created a JIRA agile board for the LexEVS Development at:

- <https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=374&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 summary. This site will evolve throughout the lifecycle of this project.

G. Status of Deliverables

| Deliverable/Milestone | Delivery Date | Status |
|--------------------------------|-----------------------------------|------------|
| Project Management Plan (PMP) | 20 days following Project Kickoff | In Process |
| Project Financial Plan (PFP) | 20 days following Project Kickoff | Complete |
| Maintenance of Software System | 09/30/2017 | In Process |

| Deliverable/Milestone | Delivery Date | Status |
|------------------------------|----------------------|---------------|
| Provide Technical Expertise | 09/30/2017 | In Process |
| Project Wiki | 10/20/2017 | Complete |
| Monthly Technical Reports: | | |
| October 2016 | 11/10/2016 | Complete |
| November 2016 | 12/10/2016 | Complete |
| December 2016 | 01/10/2017 | Complete |
| January 2017 | 02/10/2017 | Complete |
| February 2017 | 03/10/2017 | Complete |
| March 2017 | 04/10/2017 | Complete |
| April 2017 | 05/10/2017 | Complete |
| May 2017 | 06/10/2017 | Complete |
| June 2017 | 07/10/2017 | Complete |
| July 2017 | 08/10/2017 | Complete |
| August 2017 | 09/10/2017 | Complete |
| September 2017 | 10/10/2017 | Complete |
| October 2017 | 11/10/2017 | Complete |
| November 2017 | 12/10/2017 | Complete |
| December 2017 | 01/10/2018 | Complete |
| January 2018 | 02/10/2018 | Complete |
| February 2018 | 03/10/2018 | Complete |
| March 2018 | 04/10/2018 | Complete |
| April 2018 | 05/10/2018 | Complete |
| May 2018 | 06/10/2018 | Complete |
| June 2018 | 07/10/2018 | Complete |
| July 2018 | 08/10/2018 | Complete |

| Deliverable/Milestone | Delivery Date | Status |
|------------------------------|-----------------------------------|---------------|
| Monthly Financial Reports: | | |
| October 2016 | 11/10/2016 | Complete |
| November 2016 | 12/10/2016 | Complete |
| December 2016 | 01/10/2017 | Complete |
| January 2017 | 02/10/2017 | Complete |
| February 2017 | 03/10/2017 | Complete |
| March 2017 | 04/10/2017 | Complete |
| April 2017 | 05/10/2017 | Complete |
| May 2017 | 06/10/2017 | Complete |
| June 2017 | 07/10/2017 | Complete |
| July 2017 | 08/10/2017 | Complete |
| August 2017 | 09/10/2017 | Complete |
| September 2017 | 10/10/2017 | Complete |
| October 2017 | 11/10/2017 | Complete |
| November 2017 | 12/10/2017 | Complete |
| December 2017 | 01/10/2018 | Complete |
| January 2018 | 02/10/2018 | Complete |
| February 2018 | 03/10/2018 | Complete |
| March 2018 | 04/10/2018 | Complete |
| April 2018 | 05/10/2018 | Complete |
| May 2018 | 06/10/2018 | Complete |
| June 2018 | 07/10/2018 | Complete |
| July 2018 | 08/10/2018 | Complete |
| Project Summary Report | 30 Days Before Project Completion | Not Started |

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

| Activity | Description |
|---|---|
| Completing LexEVS 6.5.1 release | <ul style="list-style-type: none"> Deliver the final version of LexEVS 6.5.1 codebase. Work with NCI team members with any issues that arise from this release. |
| Start working on requirements for the next LexEVS release | <ul style="list-style-type: none"> Work with NCI to determine requirements for the next LexEVS release |
| Loader and UI enhancements | <ul style="list-style-type: none"> Work on known loader and UI JIRA issues. |
| Continued support for LexEVS | <ul style="list-style-type: none"> Continue to work with the NCI team on new and existing issues. |

I. Additional Reporting

| Activity | Description |
|---------------|--|
| Sprint Status | <ul style="list-style-type: none"><li data-bbox="857 317 1013 344">• Sprint 85<li data-bbox="857 352 1013 380">• Sprint 86<li data-bbox="857 388 1013 415">• Sprint 87 |