

# **Monthly Technical Status Report**

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

**June 2018**  
June 1 – June 30, 2018

**Submitted by:**

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## A. Technical Overview

Sprint 83 (May 24, 2018 – June 6, 2018) has been completed. In this sprint, there was work done to update the MED-RT loader and additional work completed on a whitepaper. There was work accomplished preparing the finalization of the LexEVS release that included modifying our PTEs and updating our tests, as well as the release of two snapshot builds of our LexEVS components.

Sprint 84 (June 7, 2018 – June 20, 2018) has been completed. In this sprint, there were additional preparation tasks completed to finalize the LexEVS release that included reviewing and updating the LexEVS wiki pages for 6.5.1 release changes and updating code examples. There was continued work on the whitepaper. As part of this sprint, there were two LexEVS release candidate builds created and deployed to QA for testing.

Sprint 85 (June 21, 2018 – July 4, 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:

<b>Sprint</b>	<b>Activity</b>	<b>Description/Comments</b>
Sprint 83	<a href="#">LexEVS Development - Sprint 83</a>	LexEVS 6.5 Sprint 83 Stories
Sprint 83	<a href="#">CTS2FW-99</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.15
Sprint 83	<a href="#">LEXEVS-3758</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.15
Sprint 83	<a href="#">LEXEVS-3759</a>	Update PTE documents for 6.5.1 release
Sprint 83	<a href="#">LEXEVS-3814</a>	MED-RT Loader capability
Sprint 83	<a href="#">LEXEVS-3823</a>	Whitepaper place holder task
Sprint 83	<a href="#">LEXEVS-3829</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.16
Sprint 83	<a href="#">LEXEVSCTS2-257</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.15
Sprint 83	<a href="#">LEXEVSCTS2-264</a>	6.5.1 Release: Build Artifacts for 1.6.1.SNAPSHOT.16
Sprint 83	<a href="#">LEXEVSREM-233</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.15
Sprint 83	<a href="#">LEXEVSREM-255</a>	Test backwards compatibility - 6.5 client to 6.5.1 remote api service
Sprint 83	<a href="#">LEXEVSREM-256</a>	6.5.1 Release: Build Artifacts for 6.5.1.SNAPSHOT.16

Sprint	Activity	Description/Comments
Sprint 83	<a href="#">LEXSYSTEST-109</a>	Update CTS2 REST test (Frisby) for namespace update
Sprint 83	<a href="#">LEXSYSTEST-112</a>	add additional checks for Docker containers and images before starting the tests
Sprint 84	<a href="#">LexEVS Development - Sprint 84</a>	LexEVS 6.5 Sprint 84 Stories
Sprint 84	<a href="#">CTS2FW-106</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC1
Sprint 84	<a href="#">LEXEVS-3761</a>	Update Wiki for 6.5.1 changes
Sprint 84	<a href="#">LEXEVS-3766</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC1
Sprint 84	<a href="#">LEXEVS-3847</a>	Asserted Value Set Whitepaper Tasks
Sprint 84	<a href="#">LEXEVS-3853</a>	We will provide all necessary support to QA workflow and issue discovery
Sprint 84	<a href="#">LEXEVS-3856</a>	Review LexEVS wiki and update pages as needed
Sprint 84	<a href="#">LEXEVS-3878</a>	Example LexEVS Scripts do not run
Sprint 84	<a href="#">LEXEVS-3879</a>	lexevs remote API landing page has a broken link
Sprint 84	<a href="#">LEXEVS-3885</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC.2
Sprint 84	<a href="#">LEXEVSCTS2-258</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC1
Sprint 84	<a href="#">LEXEVSREM-258</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC1

## B. New Releases of the Software

Release	Description of the Release
<p>Release Date: Sprint 83: May 24, 2018 – June 6, 2018</p> <p>The LexEVS 6.5.1.SNAPSHOT.15 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>LexEVS-install-config-6.5.1.SNAPSHOT.15.xml</li> <li>LexEVS-install-6.5.1.SNAPSHOT.15.jar</li> <li>extLib-6.5.1.SNAPSHOT.15.zip</li> <li>lexbig-6.5.1.SNAPSHOT.15.jar</li> <li>lexevsapi65-6.5.1.SNAPSHOT.15.war</li> </ul>	<p>LexEVS 6.5.1.SNAPSHOT.15 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li><a href="#">LEXEVS-3748</a> - Unable to retrieve correct namespace of target entities in a mapping coding scheme.</li> <li><a href="#">LEXEVS-3789</a> - Services don't start up when asserted value sets are not present</li> <li><a href="#">LEXEVS-3741</a> - Core.xsd has a typo in the value set namespace declaration</li> <li><a href="#">LEXEVS-3749</a> - Update <a href="#">lexgrid.org</a> to be local</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.SNAPSHOT.15 issues</a></p>

<p>Release Date: Sprint 83: May 24, 2018 – June 6, 2018</p> <p>The LexEVS 6.5.1.SNAPSHOT.16 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>• LexEVS-install-config-6.5.1.SNAPSHOT.16.xml</li> <li>• LexEVS-install-6.5.1.SNAPSHOT.16.jar</li> <li>• extLib-6.5.1.SNAPSHOT.16.zip</li> <li>• lexbig-6.5.1.SNAPSHOT.16.jar</li> </ul>	<p>LexEVS 6.5.1.SNAPSHOT.16 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• <a href="#">LEXEVS-3830</a> - Target Namespace in mapping iterator ResolveConceptReference incorrect</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.SNAPSHOT.16 issues</a></p>
<p>Release Date: Sprint 84: June 7, 2018 – June 20, 2018</p> <p>The LexEVS 6.5.1.RC.1 release consists of the following components:</p> <p>LexEVS API</p> <ul style="list-style-type: none"> <li>• LexEVS-install-config-6.5.1. RC.1.xml</li> <li>• LexEVS-install-6.5.1. RC.1.jar</li> <li>• extLib-6.5.1. RC.1.zip</li> <li>• lexbig-6.5.1. RC.1.jar</li> </ul>	<p>LexEVS 6.5.1. RC.1 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Release Candidate 1</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.RC.1 issues</a></p>
<p>Release Date: Sprint 84: June 7, 2018 – June 20, 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"> <li>• LexEVS-install-config-6.5.2. RC.1.xml</li> <li>• LexEVS-install-6.5.1. RC.2.jar</li> <li>• extLib-6.5.1. RC.2.zip</li> <li>• lexbig-6.5.1. RC.2.jar</li> </ul>	<p>LexEVS 6.5.1. RC.2 Release</p> <p>Highlights</p> <ul style="list-style-type: none"> <li>• Release Candidate 2</li> </ul> <p>Details of the features and defects fixed can be found here: <a href="#">LexEVS 6.5.1.RC.2 issues</a></p>

**C. Presentations, Documentation Updates, Community Communication**

Activity	Description of the Activity

**D. Outstanding Issues Being Actively Worked**

Sprint	Activity/Issue	Description/Comments
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Sprint 84	<a href="#">LexEVS Development - Sprint 85</a>	LexEVS 6.5 Sprint 85 Stories
Sprint 84	<a href="#">LEXEVS-3851</a>	Whitepaper: Format, publication set up
Sprint 84	<a href="#">LEXEVS-3900</a>	CDISC: We will provide an abstract based on LexEVS and its value set implementation
Sprint 84	<a href="#">LEXEVSCTS2-271</a>	6.5.1 Release: Build Artifacts for 1.6.1.RC.2
Sprint 84	<a href="#">LEXEVSREM-265</a>	6.5.1 Release: Build Artifacts for 6.5.1.RC2

## E. Critical Risks or External Dependencies

Activity/Issue	Description to corrective activity/issue
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## 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
Provide Technical Expertise	09/30/2017	In Process
Project Wiki	10/20/2017	Complete

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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

<b>Deliverable/Milestone</b>	<b>Delivery Date</b>	<b>Status</b>
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
Project Summary Report	30 Days Before Project Completion	Not Started

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

<b>Activity</b>	<b>Description</b>
Completing LexEVS 6.5.1 release	<ul style="list-style-type: none"> <li>Deliver the final version of LexEVS 6.5.1 codebase.</li> <li>Work with NCI team members to move the final codebase up the tiers to validate.</li> </ul>
Start working on requirements for the next LexEVS release	<ul style="list-style-type: none"> <li>Work with NCI to determine requirements for the next LexEVS release</li> </ul>
Continued support for LexEVS	<ul style="list-style-type: none"> <li>Continue to work with the NCI team on new and existing issues.</li> </ul>

## **I. Additional Reporting**

<b>Activity</b>	<b>Description</b>
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Activity	Description
Sprint Status	<ul style="list-style-type: none"><li data-bbox="857 237 1015 268">• <a href="#">Sprint 83</a></li><li data-bbox="857 273 1015 304">• <a href="#">Sprint 84</a></li><li data-bbox="857 308 1015 340">• <a href="#">Sprint 85</a></li></ul>