

LexEVS Build Process

This document describes the process to build and deploy LexEVS and all of its components.

Create PTEs

PTes describe the build/deploy process for the NCI systems team to build/deploy our LexEVS artifacts.

Create a directory with the name of the release for the LexEVS PTE documents similar to this one:

- [LexEVS 6.5.2 Documents](#)

Create ARC Documents

Update LexEVS ARC Documents - Update the tags that will be used in Git.

- [LexEVS 6.5.2 High Level ARC Document](#)
- [LexEVS 6.5.2 ARC Document](#)

Building LexEVS Code

Once the code is tested and ready for a FINAL tag, update the build versions in the property files/pom.xml files

- LexEVS
 - Admin GUI Installer
 - Run the GUI installer for LEXEVS and verify the text and the version is up to date
 - Update /lbPackager/build.properties to the FINAL release
 - Check in to git
 - Tag as 6.5.0.FINAL
 - Build the project
 - Deploy LexEVS artifacts in lbPackager/dist to the NCI sFTP site (caftps.nci.nih.gov)
 - Javadoc should be placed on the wiki for LexEVS. The Javadoc is generated during the build and is located:
 - lexevs/lbPackager/antbuild/doc/javadoc/
- lexevs-remote
 - Copy the built lexbig.jar and lexbig-test-6.5.0.FINAL-tests.jar to lexevs-remote/LexEVSService/system/lib/
 - Update class path to point to lexbig-test-6.5.0.FINAL-tests.jar
 - Update project version in LexEVSService/conf/deploy.properties
 - Check in to git
 - Build the project
 - Tag as 6.5.0.FINAL
 - Deploy artifacts to the NCI sFTP site (caftps.nci.nih.gov)
 - Javadoc should be placed on the wiki for LexEVS-remote. The Javadoc is generated during the build and is located:
 - lexevs-remote/LexEVSService/build/output/lexevsapi65/build
- lexevs-service (CTS2)
 - Update pom to pull lexevs 6.5.0.FINAL
 - Update lexevs-version in pom to 1.6.0.FINAL
 - Check in and tag as 1.6.0.FINAL
 - Build the project
 - Deploy artifacts to the NCI sFTP site (caftps.nci.nih.gov)
- lexevs-system-test

Jenkins build script

Create a new Lexevs-system-test configuration for the new LexEVS branch. This will run tests on the new branch.

- <https://nci-jenkins.nci.nih.gov/jenkins/>

Update Wiki Documentation for the new LexEVS Release

Update the Release Notes for the LexEVS release.

- [LexEVS Release Notes](#)

Update the release identifiers page. This page maps LexEVS components to the JIRA project, git branch and tag as well as Maven releases.

- [LexEVS Software Release Identifiers](#)

Create release documents for the new LexEVS version.

- [LexEVS 6.5.2 Development Documents](#)

Update GIT NCI Channel

Once LexEVS is released, we need to request someone at NCI create a pull request to pull the FINAL tags/branches of our code for each LexEVS component to the NCIP repository.

- <https://github.com/NCIP/lexevs>
- <https://github.com/NCIP/lexevs-remote>
- <https://github.com/NCIP/lexevs-service>