

LexEVS Build Configurations and Status

This page outlines the lexevs artifacts that were produced and where they were published on the Informatics Nexus server. It also shows the migration to the NCI Nexus server and where they are published here.

Status

Below is the status of what has been completed and the work that will be done next.

Completed Work

- Migrate Nexus LexEVS artifacts from Informatics to NCI Nexus server.
- Create NCI Nexus user with authority to publish to the NCI Nexus server.
 - Service Account created: NCI_lexevs_nexus
- Ability for maven build script to publish to NCI Nexus server.
 - CTS2 Framework build can publish artifacts to NCI Nexus Server.
 - Uses Service Account: NCI_lexevs_nexus
- Ability for Ant build script to publish artifacts to the NCI Nexus server.
- Ability to encrypt the user/pw for publishing using an Ant script.
 - This is accomplished by using enabling and using user tokens in Nexus.
 - <https://books.sonatype.com/nexus-book/reference/usertoken.html>

Work To Do Next

Nexus Servers

Informatics Nexus Server

Project	Publish Process	Location: Release Artifacts	Location: Snapshot Artifacts	Notes
lexevs	ant script	16 directories under: • http://informatics.mayo.edu/maven/content/repositories/releases/lexevs/	<Same location as the release artifacts>	Snapshots and Releases are under the same release directory.
cts2-framework	maven script	• http://informatics.mayo.edu/maven/content/repositories/releases/edu/mayo/cts2/cts2-framework/ • http://informatics.mayo.edu/maven/content/repositories/releases/edu/mayo/cts2/framework/ ◦ cts2-* directories	• http://informatics.mayo.edu/maven/content/repositories/snapshots/edu/mayo/cts2/cts2-framework/ • http://informatics.mayo.edu/maven/content/repositories/snapshots/edu/mayo/cts2/framework/ ◦ cts2-* directories	Snapshots are under a snapshots directory. Releases are under a release directory.
lexevs-remote	manual	3 directories: • http://informatics.mayo.edu/maven/content/repositories/releases/lexevs/lexevs-remote-client/ • http://informatics.mayo.edu/maven/content/repositories/releases/lexevs/lexevs-remote-core/ • http://informatics.mayo.edu/maven/content/repositories/releases/lexevs/lexevs-remote-security/	<Same location as the release artifacts>	Snapshots and Releases are under the same release directory.

NCI Nexus Server

Project	Publish Process	Location: Release Artifacts	Location: Snapshot Artifacts	Notes	Status
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lexeys	ant script	16 directories under: https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/lexeys/	16 directories under: https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSSnapshots/lexeys/	- To publish to the snapshot directory, the version needs to be in the form of *-SNAPHOT - Ant doesn't recognize this correctly. We additionally need to update <code>lbPackager/ivysettings.xml</code> - Change the <code>ncimvn.releases.repo</code> property to point to the snapshots directory. - Create encrypted user/pw on Nexus - log into Nexus UI with the user NCI_lexevs_nexus: https://ncimvn.nci.nih.gov/nexus/#welcome - Select "profile" in the upper right pulldown - Select "User Token" in the drop down. - Click "Access User Token". - For our purposes, we don't need the encrypted user. (The user name is in our <code>ivysettings.xml</code>.) - Copy the encrypted password and use it in the Ant deploy command.	Success publishing lexeys artifacts to NCI Nexus server using an encrypted password. - Uses - ant -Dncimvn.password=<encrypted password> deploy - password is for user NCI_lexeys_nexus
cts2-framework	maven script	https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/edu/mayo/cts2/cts2-framework/ https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/edu/mayo/cts2/framework/ - cts2-* directories	https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSSnapshots/edu/mayo/cts2/cts2-framework/ https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSSnapshots/edu/mayo/cts2/framework/ cts2-* directories		Success publishing CTS2 Framework to NCI Nexus server. - Uses - mvn release:prepare - mvn release:perform - User: NCI_lexeys_nexus - Note the above way will automatically update all of the pom files versions. This is a two step process. Alternatively, if the version is already set in the pom file, you can run the following to build and put the artifacts on the Nexus server: - mvn clean deploy
lexeys-remote	manual	3 directories: https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/lexeys/lexeys-remote-client/ https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/lexeys/lexeys-remote-core/ https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSRelease/lexeys/lexeys-remote-security/	TBD	Need to determine if snapshots will go to the lexeys release or snapshot directory: Snapshot directory https://ncimvn.nci.nih.gov/nexus/content/repositories/LexEVSSnapshots/	