

Jenkins Shared Library

All common stages and pipelines are made into functions and made available as Jenkins shared libraries

Shared library repo - https://bitbucket.org/argoid_ai/argoid-jenkins-lib/src/master/

Repository structure

vars/

pipeline* all pipelines start with prefix 'pipeline'

lib* all common functions which mostly represent the actions within a stage are stored in files with prefix 'lib'

Sample Pipelines

Common Java package build and push to artifactory- https://1.infra.argoid.com:8443/view/test/job/shared_library_test/

Reco cache deployment - https://1.infra.argoid.com:8443/view/test/job/test_jenkins_shared_lib_reco_cache/

Reco rest deployment - https://1.infra.argoid.com:8443/view/test/job/test_jenkins_shared_lib_reco_rest/

Common python package build and push to internal repo - https://1.infra.argoid.com:8443/view/test/job/test_jenkins_shared_lib_python_common_pkg/

Build and deployment to Airflow of Python and Scala packages and Airflow dags - https://1.infra.argoid.com:8443/view/test/job/test_jenkins_shared_lib_airflow_deployment/

Configuring Jenkins for enabling shared libraries

Go to Manage Jenkins > Configure System > Global Pipeline Libraries

1. Name: jenkins-shared-lib
2. Default version: master
3. Select "Allow default version to be overridden"
4. Include "@Library changes in job recent changes"
5. Source Code Management: Git
6. Project Repository: [git@bitbucket.org:argoid_ai/argoid-jenkins-lib](https://bitbucket.org/argoid_ai/argoid-jenkins-lib).git
7. Credentials: devops@argoid.com
8. Save