

Auto Jira version creation

Releasing a version

For instance, if you are releasing more than one project and you want to create a release review jira issue, add Description, Fix version, comment on the issue with error message for a failure in the release process or close the issue, if release is successful.

- Create new Release review JIRA.
- Release your project.
- Create new fix version, just to tag a release review JIRA.
- Close issue if when releasing that project is successful.
- Finally if there is an error comment on a JIRA.

Groovy code

```
#!/usr/bin/groovy

def call(Map config = [:]) {

withEnv(['JIRA_SITE=Jira']) {
    def versions = jiraGetProjectVersions idOrKey: 'JIR'
    echo versions.data.toString()

    def issueKey;
    def issue = [fields: [ project: [key: 'JIR'],
                                summary: 'cheking version',
                                description: 'Review changes ',
                                issuetype: [name: 'Story']]]

    def newIssue = jiraNewIssue issue: issue

    issueKey = newIssue.data.key

    def searchResults = jiraJqlSearch jql: "project = JIR AND
issuekey = 'JIR-1'"
    def issues = searchResults.data.issues

    def fixVersion = jiraNewVersion version: [name:
"new-fix-version-1.0",
                                project: "JIR"]
    def testIssue = [fields: [fixVersions: [fixVersion.data]]]

}

}
```

Integrate with Jenkins

go into **Manage Jenkins -> Configure System** and find the **Global Pipeline Libraries** section.

Name	jira_version
Default version	feature-jira-version
	Currently maps to revision: 05a923cb400f6cb67c264ef4ab0218f3b0a1668
Load implicitly	<input type="checkbox"/>
Allow default version to be overridden	<input checked="" type="checkbox"/>
Include @Library changes in job recent changes	<input checked="" type="checkbox"/>
Retrieval method	
* Modern SCM	
Source Code Management	
* Git	
Project Repository	http://novartis.devops.altimetrik.io:7990/scm/job/jenkins_global_library.git
Credentials	admin***** (Credential for logging into BitBucket)
Behaviors	Within Repository Discover branches

The Project repository is the url of your git repo where Global library code is present,shared-lib

Usage

- You can use this Library in your Jenkinsfile as follows,

```
@Library('jira_version') _
jiraversion()
```