

# Creating/Configuring/Verifying Jenkins Jobs

Clone the repo:

```
git clone ssh://YOU@gerrit.opnfv.org:29418/releng
```

make changes:

```
git commit -sv
git review
remote: Resolving deltas: 100% (3/3)
remote: Processing changes: new: 1, refs: 1, done
remote:
remote: New Changes:
remote:   https://gerrit.opnfv.org/gerrit/51
remote:
To ssh://agardner@gerrit.opnfv.org:29418/releng.git
* [new branch]      HEAD -> refs/publish/master
```

Follow the link to gerrit <https://gerrit.opnfv.org/gerrit/51> in a few moments the verify job will have completed and you will see Verified +1 jenkins-ci in the gerrit ui.

If the changes pass the verify job <https://build.opnfv.org/ci/view/builder/job/builder-verify-jjb/> The patch can be submitted by a committer.

Job Types

- Verify Job
  - Trigger: **recheck** or **reverify**
- Merge Job
  - Trigger: **remerge**

The verify and merge jobs are retriggerable in Gerrit by simply leaving a comment with one of the keywords listed above. This is useful in case you need to re-run one of those jobs in case if build issues or something changed with the environment.

You can add below persons as reviewers to your patch in order to get it reviewed and submitted.

- Ulrich Kleber ([Ulrich.Kleber@huawei.com](mailto:Ulrich.Kleber@huawei.com))
- Fatih Degirmenci ([fatih.degirmenci@ericsson.com](mailto:fatih.degirmenci@ericsson.com))
- Xinyu Zhao(Jerry) ([zhaoxinyu@huawei.com](mailto:zhaoxinyu@huawei.com))

Or just email a request for submission to [opnfv-helpdesk@rt.linuxfoundation.org](mailto:opnfv-helpdesk@rt.linuxfoundation.org)

The Current merge and verify jobs for jenkins job builder as pulled from the repo:

```
- project:
  name: builder-jobs
  jobs:
    - 'builder-verify-jjb'
    - 'builder-merge'

  project: 'releng'

- job-template:
```

```
name: builder-verify-jjb

project-type: freestyle

logrotate:
  daysToKeep: 30
  numToKeep: 10
  artifactDaysToKeep: -1
  artifactNumToKeep: -1

parameters:
  - project-parameter:
    project: '{project}'
  - gerrit-parameter:
    branch: 'master'

scm:
  - gerrit-trigger-scm:
    credentials-id: '{ssh-credentials}'
    refsPEC: '$GERRIT_REFSPEC'
    choosing-strategy: 'gerrit'

wrappers:
  - ssh-agent-credentials:
    user: '{ssh-credentials}'

triggers:
  - gerrit:
    trigger-on:
      - patchset-created-event:
        exclude-drafts: 'false'
        exclude-trivial-rebase: 'false'
        exclude-no-code-change: 'false'
      - draft-published-event
      - comment-added-contains-event:
        comment-contains-value: 'recheck'
      - comment-added-contains-event:
        comment-contains-value: 'reverify'

projects:
  - project-compare-type: 'ANT'
    project-pattern: 'releng'
    branches:
      - branch-compare-type: 'ANT'
        branch-pattern: '**/master'
    file-paths:
      - compare-type: ANT
        pattern: jjb/**
      - compare-type: ANT
        pattern: jjb-templates/**

builders:
  - shell: |
    source /opt/virtualenv/jenkins-job-builder/bin/activate
    jenkins-jobs test /opt/jenkins-ci/builder/

- job-template:
```

```

name: 'builder-merge'

# builder-merge job to run JJB update
#
# This job's purpose is to update all the JJB

project-type: freestyle

logrotate:
  daysToKeep: 30
  numToKeep: 40
  artifactDaysToKeep: -1
  artifactNumToKeep: 5

parameters:
  - project-parameter:
    project: '{project}'
  - gerrit-parameter:
    branch: 'master'

scm:
  - gerrit-trigger-scm:
    credentials-id: '{ssh-credentials}'
    refspec: ''
    choosing-strategy: 'default'

wrappers:
  - ssh-agent-credentials:
    user: '{ssh-credentials}'

triggers:
  - gerrit:
    trigger-on:
      - change-merged-event
      - comment-added-contains-event:
        comment-contains-value: 'remerge'
    projects:
      - project-compare-type: 'ANT'
        project-pattern: 'releng'
        branches:
          - branch-compare-type: 'ANT'
            branch-pattern: '**/master'
        file-paths:
          - compare-type: ANT
            pattern: jjb/**

builders:
  - shell: |
    source /opt/virtualenv/jenkins-job-builder/bin/activate
    cd /opt/jenkins-ci/releng
    git pull
    jenkins-jobs update --delete-old jjb/

```

## Documentation tracking

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