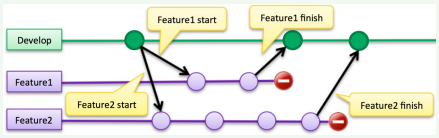
Cheatography

Gitflow Cheat Sheet

by Michele Sacchetti (mikesac) via cheatography.com/34000/cs/10767/

Feature Flow



Feature Flow - Maven JGitFlow Plugin

Feature start

mvn clean jgitflow:feature-start
-DfeatureName=NewFeature
-DenableFeatureVersions=true
-DallowSnapshots=true

Feature finish

mvn clean jgitflow:feature-finish
-DfeatureName=NewFeature
-DenableFeatureVersions=true
-DallowSnapshots=true

Feature Flow - Manual Git

Feature start

git checkout develop

git pull origin develop

git checkout -b feature/*nomefeature*

manually update your code version to branch naming conventions

Feature finish

*starting from feature/*homefeature *branch*

git commit -am"your feature comment here"

git checkout develop

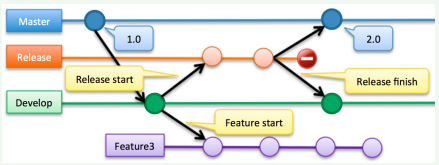
git merge feature/*nomefeature*

manually update your code version to develop naming conventions

git branch -D feature/*nomefeature*

Release Version conventions

Release Flow



Release Flow - Maven JGitFlow Plugin

Release start

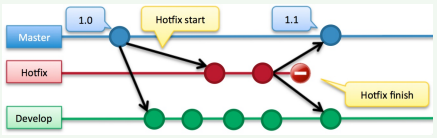
mvn clean jgitflow:release-start
-DautoVersionSubmodules=true
-DallowSnapshots=true
-DallowUntracked=false
-DpushReleases=false
-DupdateDependencies=true

Release finish

mvn clean jgitflow:release-finish
-DpushReleases=true -DnoDeploy=true
-DautoVersionSubmodules=true
-DallowSnapshots=false

Release Flow - Manual Git

Hofix Simple Flow



Hotfix Simple Flow - Maven JGitFlow Plugin

Hotfix start

mvn clean jgitflow:hotfix-start
-DautoVersionSubmodules=true
-DallowSnapshots=true
-DpushHotfixes=false
-DallowUntracked=false
-DupdateDependencies=true

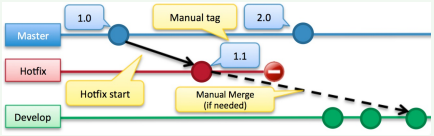
Hotfix finish

mvn clean jgitflow:hotfix-finish
-DpushHotfixes=true -DnoDeploy=true
-DautoVersionSubmodules=true
-DallowSnapshots=false

Hotfix Simple Flow - Manual Git

Same as Release one but with hotfix naming conventions

Hofix Complex Flow



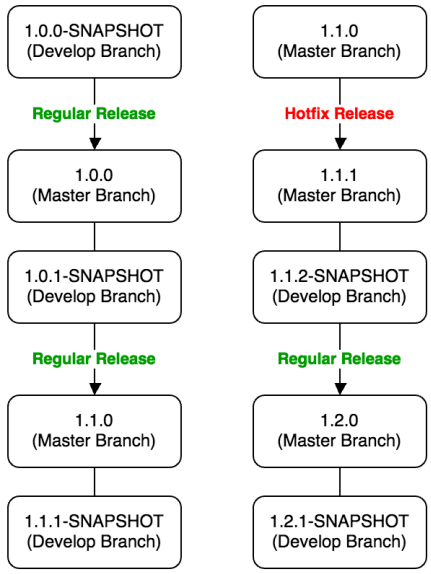
Since a newer stable is present on master branch, tag and branch cannot be merged back.

Hotfix Complex Flow - Maven JGitFlow Plugin

Hotfix start: same as simple.

Hotfix finish: cannot be managed, use manual flow

Hotfix Complex Flow- Finish - Manual Git



Release start

git checkout develop

git pull origin develop

git checkout -b release/*release-version*

manually update your code version to release branch naming conventions

Release finish

*starting from release/*release-version *branch*

git commit -am"your release changes comment here"

git pull origin release/*release-version*

git checkout develop

git pull origin develop

git merge release/*release-version*

manually update your code version to stable version naming conventions

git commit -am"*release-version*"

git checkout master

git pull origin master

git merge release/*release-version* --squash

git commit -am"*release-version*"

git tag *release-version*

git push origin master --tag

git checkout develop

manually update your code version to next develop version naming conventions

git commit -am"*next-version*"

git push origin develop

git branch -D release/*release-version*

*starting from hotfix/*hotfix-version *branch*

git commit -am"your hotfix changes comment here"

git pull origin hotfix/*hotfix-version*

manually update your code version to stable version naming conventions

git commit -am"*hotfix-version*"

git tag *hotfix-version*

git push origin --tag

git checkout develop

manually merge hotifx changes to develop if applicable

git branch -D hotfix/*hotfix-version*

By **Michele Sacchetti** (mikesac)
cheatography.com/mikesac/
aroundthecode.org

Published 5th February, 2017.
Last updated 13th February, 2017.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com