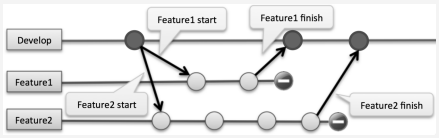
Cheatography

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

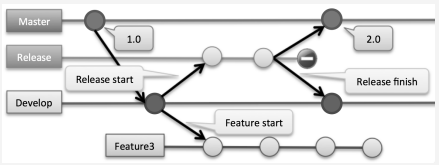
git merge feature/*nomefeature*

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

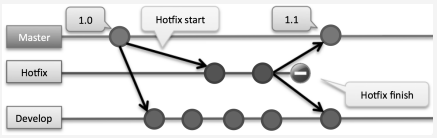
mvn clean jgitflow:release-start
-DautoVersionSubmodules=true
-DallowSnapshots=true
-DallowUntracked=false
-DpushReleases=false
-DupdateDependencies=true

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

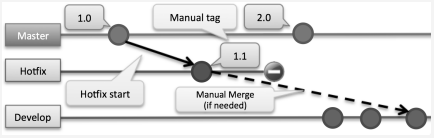
Hotfix finish

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



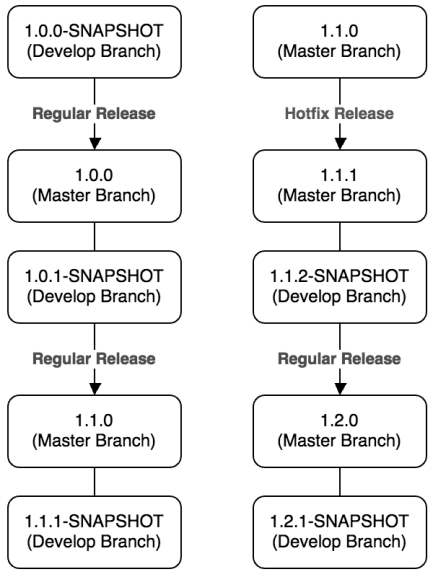
Since a newer stable is present on master branch, tag and branch cannot be merged back.

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
```

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