

Git Branch

, Git Branch .

<http://nvie.com/posts/a-successful-git-branching-model/> .

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Remote push/pull , pull .

?

- , :
- :

,

.

A B, C, D... .

blocked URL

5 .

(Master / Develop) , (Feature / Release / Hotfix) .

1. Master : Branch
2. Develop : pull/push Branch
3. Release : Branch
4. Feature : Branch
5. Hotfix : Branch

Main Branch

master develop .

(production-ready) origin/master .

origin/develop .

" (integration branch)" , .

develop branch master merge .

, master merge .



Master Branch Commit webhook / .

Jenkins Build Master Branch Commit TAG Binary

PROD/STAG/TEST .

Sub Branch

, , .

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:

- Feature Branch
- Release Branch
- Hotfix Branch

, Merge .

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Feature Branch

Feature (...) .

.

, , Develop Merge .

Feature origin Push Local .

```
# git checkout -b feature develop
# git checkout develop
# git pull develop
.
.
# git merge --no-ff feature
# git push origin develop
```

Release Branch

Release .

Develop .

Release Develop , , .

Release Develop , Develop ,

Release .

Release Release-Version (Number) .

Release Develop .

Develop Release .

, Develop Merge , Release .

Release .

Develop , .

Release '0.1', '0.3' "" .

Release .

Release .

Develop Release Release .

Develop Merge , .

Release .

Master Release Master Merge.

Master Header Commit

Release Develop Merge Release .

, Master Merge Tag .

```
# git checkout master
# git merge --no-ff release-1.2
# git tag -a 1.2 //
```

Master Develop .

Release .

```
# git checkout develop
# git merge --no-ff release-1.2
```

Master / Develop Release .

```
# git branch -d release-1.2
```

Hotfix Branch

Hotfix Release .

hotfix .

Master Tag Hotfix .

, Develop .

Hotfix Master . Develop . Hotfix .

```
# git checkout -b hotfix-1.2.1 master
```

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Master Merge Develop Merge .

.

```
# git checkout master
# git merge --no-ff hotfix-1.2.1
# git tag -a 1.2.1
```

Hotfix Develop .

```
# git checkoup develop
# git merge --no-ff hotfix-1.2.1
```

Release Develop Release Merge .

Release Develop Merge .

Develop Release Develop Merge .

Hotfix . (Hotfix)

```
# git branch -d hotfix-1.2.1
```

1. 1: Develop pull feature A : OK
2: Develop pull feature B : NO
2. 1: Feature A Develop .
1: Develop A Releaser-1.1 .
1: Release-1.1 A . (2, 3, 4..)
2: Feature B .
1: Release-1.1 A . Master/Develop .
1: Release-1.1 .
2: Feature B Develop .
2: Develop Release-1.2 .
2: Release-1.2 B . Master/Develop .
2: Releaser-1.2 .

1. Feature Develop .
2. Develop pull .
3. Feature Branch . ()
feature branch : feature/newBranch-1
feature branch : feature/project-newBranch
feature branch : feature/pms-newBranch
4. Feature Develop branch . (Merge develop)
Feature , .
5. Develop , Develop Master .
6. Release-1.1 Branch . ()
7. Release , Releaser-1.1 .
8. Master .