

### Links

Artikel by Vincent Driessen: "A successful Git branching model"

### The main branches

**master** *master* is the main branch in which the source code of HEAD always has a production-ready state.

**develop** *develop* is the main branch in which the source code of HEAD always represents a state with the latest development changes shipped for the next release.

Each time when changes are merged back into master, this is a new production release by definition. We tend to be very strict at this, so that theoretically, we could use a Git hook script to automatically build and roll-out our software to our production servers everytime there was a commit on master.

### Create a develop branch

```
git checkout -b develop
```

```
git push origin develop
```

### Creating a feature branch

```
git checkout -b myfeature develop
```

### Incorporating a finished feature on develop

```
git checkout develop
```

switch to branch 'develop'

```
git merge --no-ff myfeature
```

```
git branch -d myfeature
```

Deleted branch myfeature

```
git push origin develop
```

### Creating a release branch

```
git checkout -b release-1.2 develop
```

switch to a new branch "release-1.2"

```
./bump-version.sh 1.2
```

Files modified successfully, version bumped to 1.2.

```
git commit -a -m "Bumped version number to 1.2"
```

[release-1.2 74d9424] Bumped version number to 1.2

1 files changed, 1 insertions(+), 1 deletions(-)



By **ZH** (openkeyword)

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Page 1 of 1.

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