

Gitflow

Reza Ahangarpour

`rai19@tutanota.com`

Jul 23 2022

Git Workflows

Definition

A **Git workflow** is a recipe or recommendation for how to use Git.

Git Workflows

Definition

A **Git workflow** is a recipe or recommendation for how to use Git.

Example

◇ Centralized workflow

Git Workflows

Definition

A **Git workflow** is a recipe or recommendation for how to use Git.

Example

- ◇ Centralized workflow
- ◇ Feature branch workflow

Git Workflows

Definition

A **Git workflow** is a recipe or recommendation for how to use Git.

Example

- ◇ Centralized workflow
- ◇ Feature branch workflow
- ◇ **Gitflow** workflow

Git Workflows

Definition

A **Git workflow** is a recipe or recommendation for how to use Git.

Example

- ◇ Centralized workflow
- ◇ Feature branch workflow
- ◇ **Gitflow** workflow
- ◇ Forking workflow

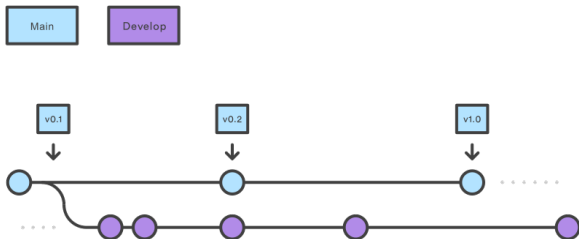
Gitflow Branches

Branches

- ◇ Main
- ◇ Develop
- ◇ Features
- ◇ Release
- ◇ Hotfix

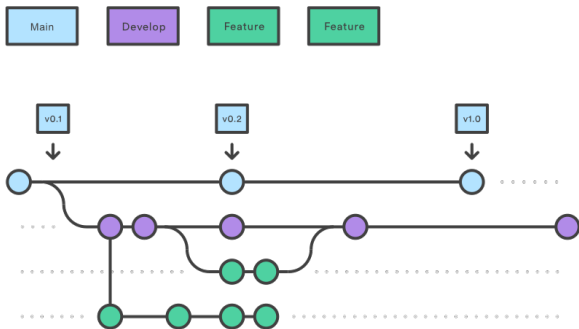
Gitflow Branches

Main and Develop Branches



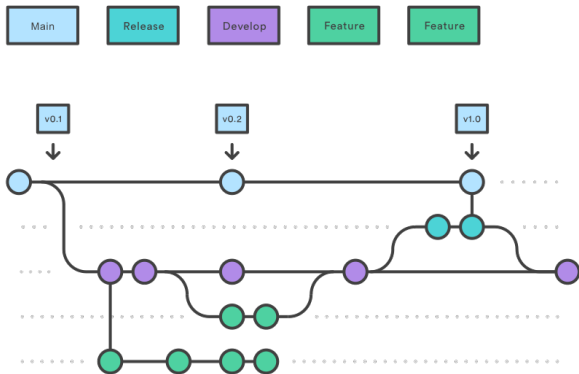
Gitflow Branches

Features Branches



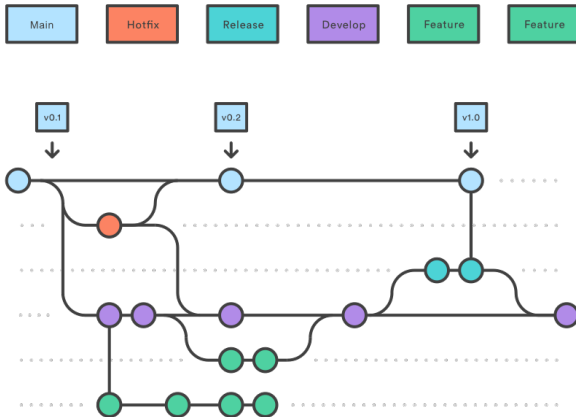
Gitflow Branches

Release Branch



Gitflow Branches

Hotfix Branch



Gitflow in Command-Line

Develop and Feature Branch

Creation

```
$ git checkout main  
$ git checkout -b develop  
$ git checkout -b feature
```

Conclusion

```
$ git checkout develop  
$ git merge feature  
$ git checkout main  
$ git merge develop  
$ git branch -d feature
```

Gitflow in Command-Line

Hotfix Branch

Creation

```
$ git checkout main  
$ git checkout -b hotfix
```

Conclusion

```
$ git checkout develop  
$ git merge hotfix  
$ git checkout main  
$ git merge hotfix  
$ git branch -d hotfix
```

