Git & GitHub

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How much do you know?

- `git init`
- `git pull`
- `git add`
- `git commit`
- `git push`

} **Beginner**

- `git branch`
- `HEAD`
- `git remote`

} **Intermediate**

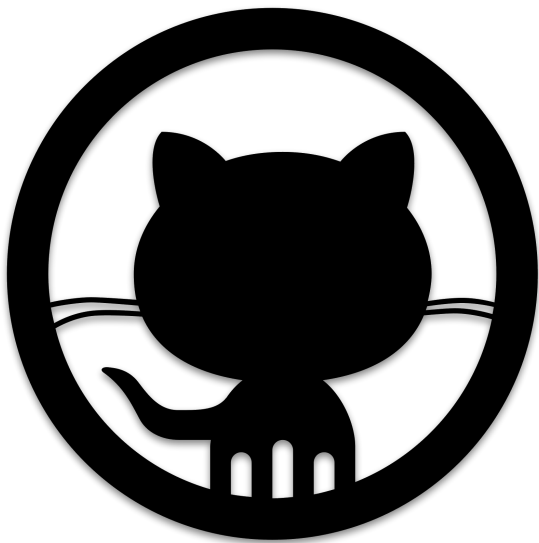- `git rebase`

→ **Advanced**

Tools We'll Be Using

- Mac/Linux:
  - Git

```
# Mac
$ brew install git
# Debian/Ubuntu
$ sudo apt install git
# Fedora/CentOS
$ sudo yum install git
```
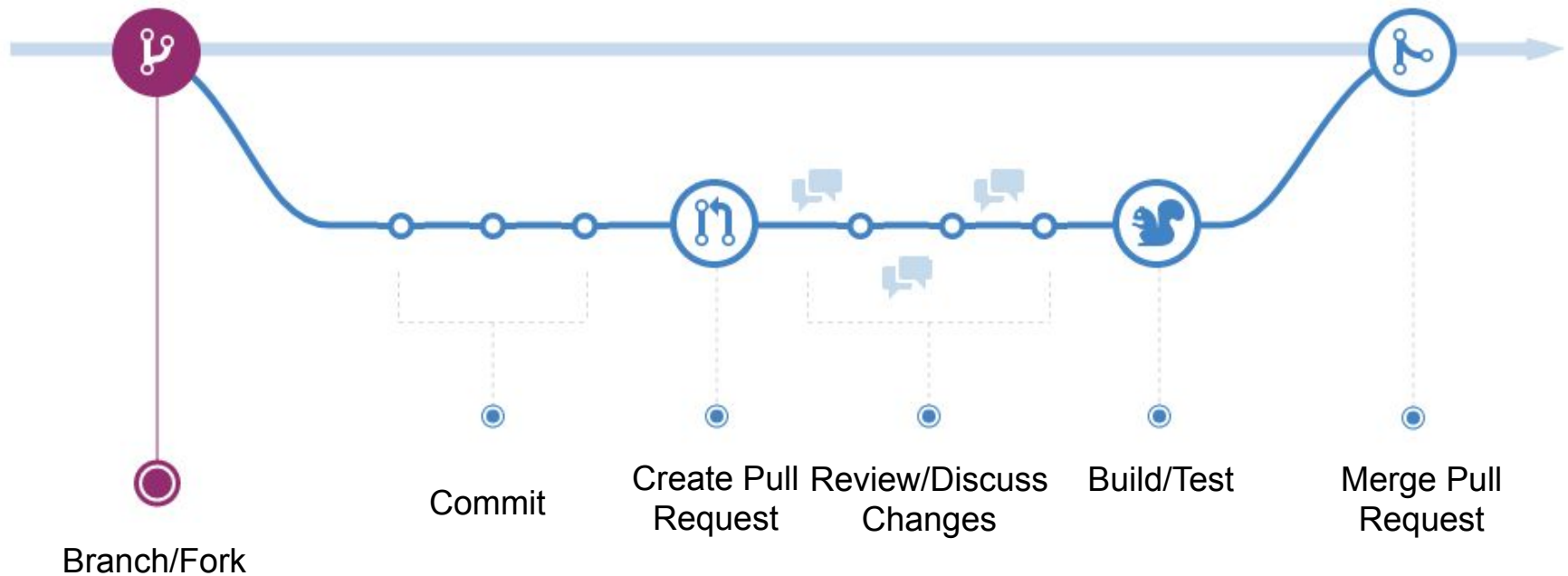
- Windows:
  - gitbash
- GitHub

Git and GitHub

- Git is a version control system native to your box.
- GitHub is a "hub" where you can place your projects in the cloud, and they become available everywhere (for you or your teammates).

The GitHub Workflow

Branch/Fork

Commit

Create Pull Request

Review/Discuss Changes

Build/Test

Merge Pull Request

git Code-Along Exercise

Exercise #1: The Basics

1. Create a repository locally on your box
2. Add a *Hello World* program in python to that repo
3. Commit your changes (only source code!!)
4. Connect your repo to GitHub
5. Push your changes

Exercise #2: Merge Conflicts

In Pairs:

1. Give your partner access to your repo.
2. Make a change to your *Hello World* application and push it.
3. Your partner should clone/update the repo on their machine.
4. Your partner should also make a change and push it.
5. Before updating, you make a change and push it.

Dealing with Merge Conflicts

2 general ways:

- Resolve conflicts, commit, and merge
- Rebase

Exercise #3: Pull Requests

In Pairs:

1. Create a new branch in your repo.
2. Make a change to your *Hello World* application on that branch.
3. Commit and push your changes.
4. Go on GitHub and create a pull request from that branch to master.

Remember to keep your branches up-to-date!!

The GitHub Issue Tracker

GitHub Issues

GitHub Issues

The no-conflict mode should be the default behaviour #12395

Edit   New issue

⊘ Open   **thewebdreamer** opened this issue 3 days ago · 10 comments

---

thewebdreamer commented 3 days ago

The no-conflict mode should be the default behaviour. Why would a Bootstrap client need to implement this?

cvrebert commented 3 days ago

I believe no-conflict-is-not-the-default is the norm for jQuery plugins?

thewebdreamer commented 3 days ago

It is true that it is the norm for jQuery plugins.

Couldn't there be a clash with other jQuery plugins with the current implementation of Bootstrap though?

Labels   ⚙

js

Milestone   ⚙

No milestone

Assignee   ⚙

No one assigned

Notifications   ⑦

ⓖ Subscribe

3 participants

Additional Resources

Tutorials and Guides

- https://guides.github.com/
- https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet

Tools

- Git Clients:
  - GitKraken: https://www.gitkraken.com/
  - GitHub Desktop: https://desktop.github.com/
- Text Editors:
  - Atom: https://atom.io/
  - Visual Studio Code: https://code.visualstudio.com/
  - SublimeText: https://www.sublimetext.com/