

# 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

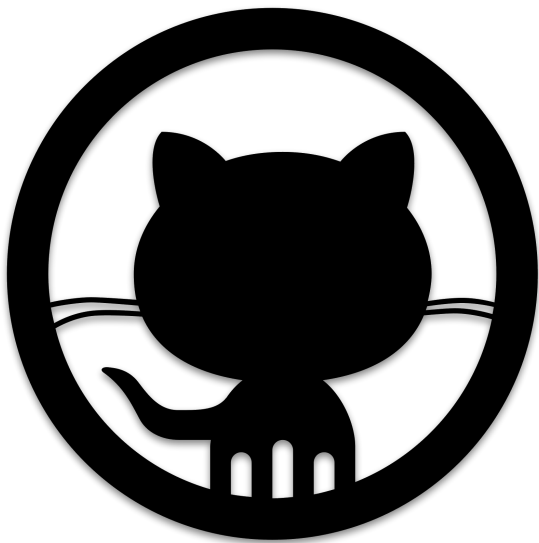
- Mac/Linux:
  - Git

```
# Mac
$ brew install git
# Debian/Ubuntu
$ sudo apt install git
# Fedora/CentOS
$ sudo yum install git
```

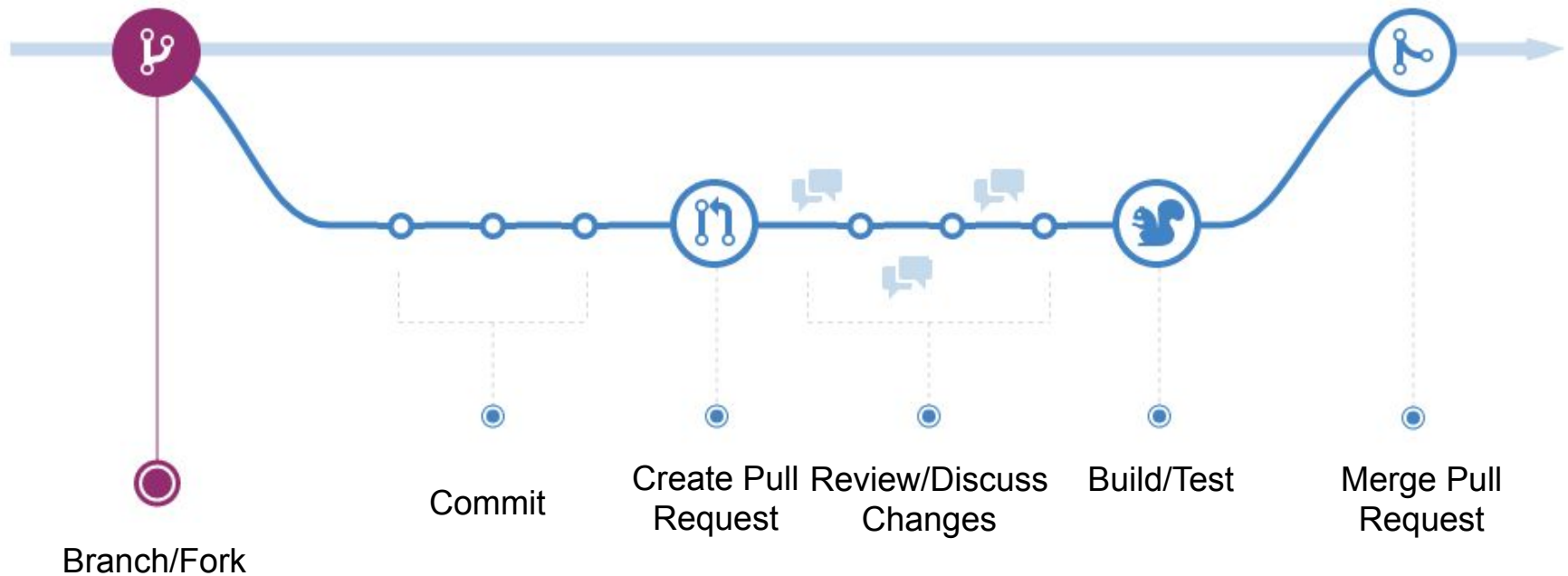
- Windows:
  - [gitbash](#)
- [GitHub](#)

# 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



# 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

Issues

Pull requests

Labels

Milestones

Filters

New Issue

104 Open ✓ 9,660 Closed

Author ▾ Labels ▾ Milestones ▾ Assignee ▾ Sort ▾

!

.form-group-sm .form-group-lg shrink textarea

confirmed

css

4

#13989 opened 11 hours ago by limitstudios

!

Tooltip unnecessarily breaks into multiple lines when positioned to the right

confirmed

js

0

#13987 opened 15 hours ago by hnrrch02

!

Tooltip Arrows in Modal example facing wrong way

css

6

#13981 opened a day ago by SDCore

!

Table improvement

css

0

#13978 opened a day ago by Tjoosten

!

docs/dist files

docs

7

#13977 opened 2 days ago by XhmikosR

!

Potential solution to #4647

js

4

#13976 opened 2 days ago by julioarmandof

!

Bootstrap site: right-hand navigation text becomes rasterized after scrolling

css

docs

4

#13974 opened 2 days ago by mg1075

!

Dropdown toggle requires two clicks

js

1

#13972 opened 2 days ago by Kizmar

# 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



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/>