

WEEK 10 – THE END OF THE BEGINNING

GA GENERAL ASSEMBLY

FEWD



Joe Bliss
Man of Many Talents

AGENDA

“Real” Project Workflow

Principles of Version Control

GitHub Mini-Tutorial

Next Steps ...

FINAL PROJECTS!

“REAL” PROJECT WORKFLOW



VERSION CONTROL

How you manage changes to your files over time.

VERSION CONTROL SYSTEM – THE WHAT

A system records changes to a file or set of files over time so that you can recall specific versions later.

<http://git-scm.com/book/en/Getting-Started-About-Version-Control>

VERSION CONTROL SYSTEM – THE WHY

project-name

- index.html
- indexUSETHISONE.html
- index3.html

project-name-OLD

- index.html

project-name-feb10

- index.html

VERSION CONTROL SYSTEM – THE WHY

Joe's Code

project-name

▸ index.html

Constantin's

project-name

▸ index.html

Eddie's

project-name

▸ index.html

VERSION CONTROL SYSTEM – THE HOW

VERSION CONTROL SYSTEM – THE HOW

In most cases, you specify a directory or set of files that should have their changes tracked (your project folder). We refer to this as a “repository”.

In that repository, there will be a “master” copy, and there will be one or more working copies.

You “pull” code from the repository to make a branch, you make your changes, and when you are ready, you “commit” those changes.

<http://guides.beanstalkapp.com/version-control/intro-to-version-control.html>

GO ON ... GIT!

Git is a free and open source distributed version control system.

It is software that runs on our computer that keeps track of our versions, and let's us connect to GitHub.

GIT-HUBBA HUBBA

GitHub is a service that lets you host your repositories on a remote server. Git is the program that we use on our computers to communicate with GitHub.



“GIT” UP-AND-RUNNING W GIT AND GITHUB

Sign-up for an account on <https://github.com/>

Download and Install git from <http://git-scm.com/downloads>

Downalod and Install GitHub Desktop App from <http://mac.github.com/>

(If you want to make your life easier and you are more comfortable working in a GUI)

CODEALONG – PUT A SITE ON GITHUB

Create repo on GitHub called “Test”.

Create local project folder “test” within which you will want to work.

Navigate to “.

```
git init
```

Create files in the folder.

```
git add *
```

- Adds necessary files to your current branch.

```
git commit -m "Initial build"
```

```
git remote add origin https://github.com/Josephjbliss/Test.git
```

```
git push -u origin master
```

CODEALONG – PUT YOUR SITE ON GITHUB

`git status`

- See all recent commits

`git log`

- See all recent commits

`git checkout 1d3af678b`

- Switch to commit number
1d3af678b

`git checkout master`

- Switch to most recent commit

`git reset --hard 1d3af678b`

- WARNING!!! This will destroy any
commits since (locally)

`git push -f origin master`

- WARNING!!! This will destroy any
commits since (on the Master repo)

SOME GREAT RESOURCES / TUTORIALS

<http://try.github.com/>

<http://rogerdudler.github.io/git-guide/>

<http://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1>

<http://lifehacker.com/5983680/how-the-heck-do-i-use-github>

NEXT STEPS

KEEP LEARNING!

Learn more JS

- We didn't cover Loops, Arrays, Objects in-depth.

Learn a Front-End Framework (e.g. Bootstrap)

Learn a CSS Pre-Processor (e.g. SASS)

Learn a JS Framework (e.g. Angular)

NEXT STEPS

Build a portfolio of work. Prospective employers want to see. Make a goofy page for fun. Contribute to an Open Source project. Make a free website for your cousin's sister's Aunt's flower shop.

Get on stackoverflow.com, [github](https://github.com), [Smashing Magazine](https://smashingmagazine.com), [CSS Tricks](https://css-tricks.com)

Follow Chris Coyier on Twitter

Join the Front-End Developer's group on LinkedIn.

ALERT(DEFINE(“COMMENCEMENT”));

com·mence·ment (kə'mensmənt)

noun

1. a beginning or start.

"at the commencement of training"

FINAL PROJECTS! #EXCITED

<http://www.whatdoiwanttodotoday.com/wp-content/uploads/2013/02/excited.gif>

FINAL PROJECTS – FTP

studio.generalassembly.ly

student

yellowpencil

Use sftp protocol.

Put your projects up here!

FINAL PROJECT PRESENTATIONS

There will be one surprise final project presentation,
as well ...

