Git Tutorials – The New Boston

Git Tutorial – 1 – How to Download and Install Git

Git Tutorial – 2 – Config Our Username and Email

Clear the screen $ clear

Get help $ help

Get help on a command $ git help commit

Git Tutorial – 3 – Creating our first Repository

$ git init

Git Tutorial – 4 – Commit

Git Tutorial – 5 – Adding Files and the Commit Log

How to view all commits $ git log

$ git log --author="Steven Smith"

How to add notes in the vim editor Press I to enter insert mode

Type in your commit message

Press Esc to exit insert mode

Type in :wq

Git Tutorial – 6 – Git Workflow

Three states of documents 1. Working copy

2. Staging area

3. Repository

Git Tutorial – 7 – How to Edit Files

After changing a file 1. Git add .

Or

1. Git add File1.txt

and

2. Git commit -m “”

Git Tutorial – 8 – Viewing the Changes

How do you see what changes were made git diff

Blah

Git Tutorial – 9 – Comparing the Staging Area with the Repository

Git diff only compares repo vs. working. It does not compare repo vs staging

Git diff –staged compares repo vs staging

Git Tutorial – 10 – How to Delete Files

To delete a file: 1. Rm Third.txt

To commit the delete: 2. Git commit -m “”

Git Tutorial – 11 – How to Move and Rename Files

$ git mv file.txt file2.txt

$ git mv file.txt dir/file2.txt

$ git commit -m “rename file”

Git Tutorial – 12 – Working with an Actual Website

Link

Git Tutorial – 13 – How to Commit Directly to the Repository

$ git commit -am “”

Git Tutorial – 14 – Checkout this video (Git it?)

Restore files from the repository $ git checkout -- filename.ext

Git Tutorial – 15 – Unstage Files

Unstage a staged file $ git reset HEAD filename.ext

Git Tutorial – 16 – Getting Old Versions from Repository

First > second > third > second (revert to second

without deleting third) git log filename.ext

git checkout ref -- filename.ext

Git Tutorial – 17 – GitHub

Git Tutorial – 18 – Pushing to GitHub Repository

To publish a file 1. Create a repo on GitHub

2. commit the file on local repo

Set up a remote 3. Git remote add githubrepo https://...

4. git push -u githubrepo master

Git Tutorial – 19 – gitignore and GitHub Desktop

Add repo on GitHub

Using GitHub desktop, clone the repo

Create a gitignore file.

Git Tutorial – 20 – Committing Changes to GitHub

Git Tutorial – 21 – Branches

Git Tutorial – 22 – GitHub Watch star and Fork

GitHub – Raw Use Raw when copying content

GitHub – Blame View of author of each line of file

GitHub – History Each commit and change for a file

Watch Follow a project with notifications of changes

Star Book mark a project

Fork Make a copy of a project

Git Tutorial – 23 – GitHub Issues and Labels

GitHub - Issues tab Assign a task to be completed

Git Tutorial – 24 – HitHub Wiki

<https://www.youtube.com/watch?v=4B0XNThjO0E&list=PL6gx4Cwl9DGAKWClAD_iKpNC0bGHxGhcx&index=24>

Git Tutorial – 25 – GitHub Organizations and Teams