# GIT: Advanced Commands

# Getting an existing project into a REMOTE repo at GitHub

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## Introduction

Sometimes you already have some code in place that you want to use. This activity simulates that and gets us setup for the rest of the course. At the end, we'll have a repository that we can use to work through the rest of the activities. Let's get started!

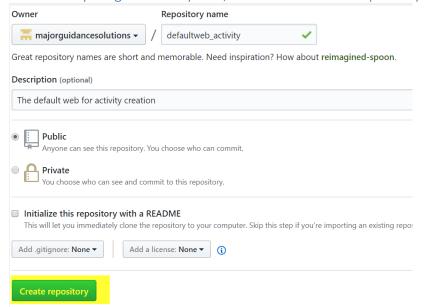


### Getting An Existing Project into a Local and Remote repository

#### Notes Step 1: Setup to work locally a) Get the files for use in our course Either download the included attachment, fork my repo, or download from my repo at github. b) Extract the files to a folder on your desktop that makes sense. For this example, I'm extracting to a folder called "Defaultweb\_Activity" This PC > DATA (G:) > Data > GFBTF > DefaultWeb\_Activity ✓ ひ Search DefaultV Date modified Size :AndWorkBooks css 10/14/2017 6:19 PM File folder fonts 10/14/2017 6:19 PM File folder 10/14/2017 6:19 PM File folder images About.html 6/30/2017 12:15 AM Chrome HTML Do... aceExtensionRole.Personal ContactUs.html 6/30/2017 12:15 AM Chrome HTML Do... 6/30/2017 12:18 AM Chrome HTML Do... index.html 6/30/2017 12:15 AM Chrome HTML Do... portfolio.html 6/30/2017 12:15 AM Chrome HTML Do... ach Technologies Step 2: Create the repository at GitHub a) Log in to GitHub and select "New Repository" 0 🚖 majorguidances.../SimpleActivity... New repository Find a repository... b) Name the repository something useful and unique Owner Repository name 🚃 majorguidancesolutions 🕶 defaultweb\_activity Great repository names are short and memorable. Need inspiration? How about reimagined-spoon.



c) Enter a useful description, choose public or private (costs \$). DO NOT Initialize anything or add any files, and select "Create Repository":



#### Step 3: Setup our project to track the new repo

a) Navigate to your current folder where you extracted in step 1 in the BASH terminal

```
Brian@SENTINEL MINGW64 /g/Data/GFBTF/DefaultWeb_Activity
$ |
```

b) Use the instructions as provided at GitHub after creating a blank repo

```
...or create a new repository on the command line

echo "# defaultweb_activity" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/majorguidancesolutions/defaultweb_activity.git
git push -u origin master
```

#### Type the following commands:

#### [git init]

```
Brian@SENTINEL MINGW64 /g/Data/GFBTF/DefaultWeb_Activity

$ git init
Initialized empty Git repository in G:/Data/GFBTF/DefaultWeb_Activity/.git/

@git add .]

Brian@SENTINEL MINGW64 /g/Data/GFBTF/DefaultWeb_Activity (master)

$ git add .]

$ git add .

warning: LF will be replaced by CRLF in fonts/glyphicons-halflings-regular.svg.

The file will have its original line endings in your working directory.
```



```
[git status]
 On branch master
Initial commit
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
                                                     About.html
                                                     ContactUs.html css/site.css
                     new file:
                                                    css/site.css
details.html
fonts/glyphicons-halflings-regular.eot
fonts/glyphicons-halflings-regular.svg
fonts/glyphicons-halflings-regular.ttf
fonts/glyphicons-halflings-regular.woff
fonts/glyphicons-halflings-regular.woff
images/linkedin.png
images/twitter.png
index.html
                                file:
                                file:
                                file:
                               file:
                     new file:
 Brian@SENTINEL MINGW64 /g/Data/GFBTF/DefaultWeb_Activity (master)
Brian@SENTINEL MINGW64 /g/Data/GFBTF/Defaultweb_Activity (master)

$ git commit -m "initial commit"
[master (root-commit) b7edba6] initial commit

13 files changed, 808 insertions(+)
create mode 100644 About.html
create mode 100644 contactUs.html
create mode 100644 details.html
create mode 100644 fonts/glyphicons-halflings-regular.eot
create mode 100644 fonts/glyphicons-halflings-regular.svg
create mode 100644 fonts/glyphicons-halflings-regular.ttf
create mode 100644 fonts/glyphicons-halflings-regular.woff
create mode 100644 fonts/glyphicons-halflings-regular.woff
create mode 100644 images/linkedin.png
create mode 100644 images/twitter.png
create mode 100644 index.html
create mode 100644 portfolio.html
[git commit -m "initial commit"]
NOTE: YOU MUST replace the URL in this statement with the url to your own
repository [it is visible at GitHub in the instructions and if you navigate to the
repo in github you can copy the URL] i.e.
    Quick setup — if you've done this kind of thing before
     Set up in Desktop or HTTPS SSH https://github.com/majorguidancesolutions/defaultweb_activity.git
    We recommend every repository include a README, LICENSE, and .gitignore.
```

[git remote add origin <YOUR URL GOES HERE>]

Brian@SENTINEL MINGW64 <mark>/g/Data/GFBTF/Defaultweb\_Activity (master)</mark> S git remote add origin https://github.com/majorguidancesolutions/defaultweb\_act ivity.git

[git push –u origin master]



```
Brian@SENTINEL MINGW64 /g/Data/GFBTF/DefaultWeb_Activity (master)

$ git push -u origin master
Counting objects: 18, done.

Delta compression using up to 8 threads.
Compressing objects: 100% (16/16), done.
Writing objects: 100% (18/18), 180.51 KiB | 0 bytes/s, done.
Total 18 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), done.
To https://github.com/majorguidancesolutions/defaultweb_activity.git

* [new branch] master -> master
Branch master set up to track remote branch master from origin.
```

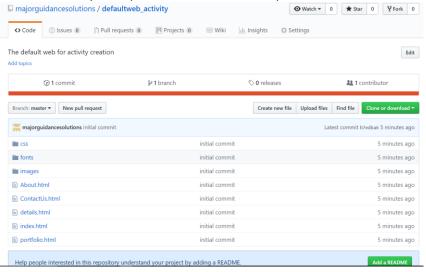
[git status] -> just to make sure no files are untracked

```
Brian@SENTINEL MINGW64 /g/Data/GFBTF/Defaultweb_Activity (master)
$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
```

#### Step 4: Make sure your repo is setup

a) Browse to the repo at GitHub

Make sure that your repo contains the files as expected.



This concludes our setup activity.



# Closing Thoughts

By the end of this activity, you should have a local repo and a remote repo to	
work with for the rest of the course.	Notes
If you can't get these setup for some reason, another alternative would be to	
go out to my repo, and fork it to your account, then just clone the repo to your	
local directory somewhere. This is easily done by using the git clone command.	
If you are still struggling, it might be worth your time to take my free course on	
the ultimate git 5-day challenge. That course is an introduction and covers	
things you should know before trying to work through this course.	
things you should know before trying to work through this course.	
Take a few minutes to make some notes about the various commands we've	<del></del>
learned about in this activity, and practice using them.	