

Git Clone	2
Getting Your Github Repository Address	2
What if I forgot my Repository Name?	2
Using Github Repo Address To Git Clone	4
Fixing 'Destination Path Already Exists' Error	6
Checking to see your app still works!	6

Git Clone

If you pushed your project to your GitHub repository last class, you can use any computer to download it. To download our repository we need to use the “git clone your_repo_address” command. Where it says your_repo_address, paste your own GitHub repository address.

Getting Your Github Repository Address

To get our repository address we simply need to combine our Github username with the name of our github repository like so, https://www.github.com/your_username/your_repo_name.git

So for instance, one of the students in the 9th grade class is named Kyrie. His github username is kyriejiang and the name of his GitHub repo is your_repo_url_address (I know. Strange name....ask Kyrie). So therefore Kyrie’s repository address is https://github.com/kyriejiang/your_repo_url_address.git.

What if I forgot my Repository Name?

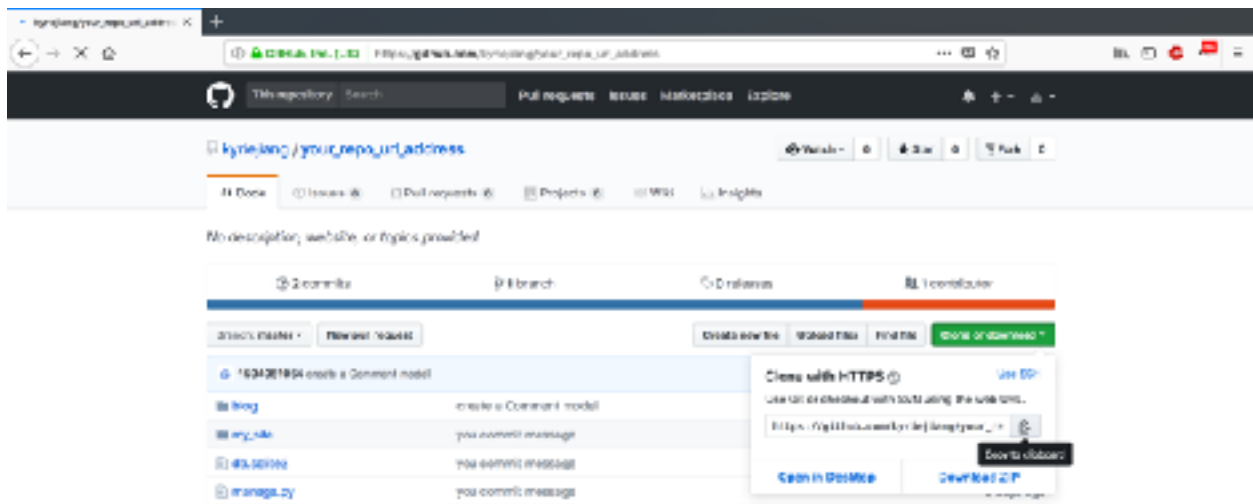
If you forgot your repository name you can simply go to your github userprofile. For instance, if your GitHub username is kyriejiang, then go to github.com/kyriejiang



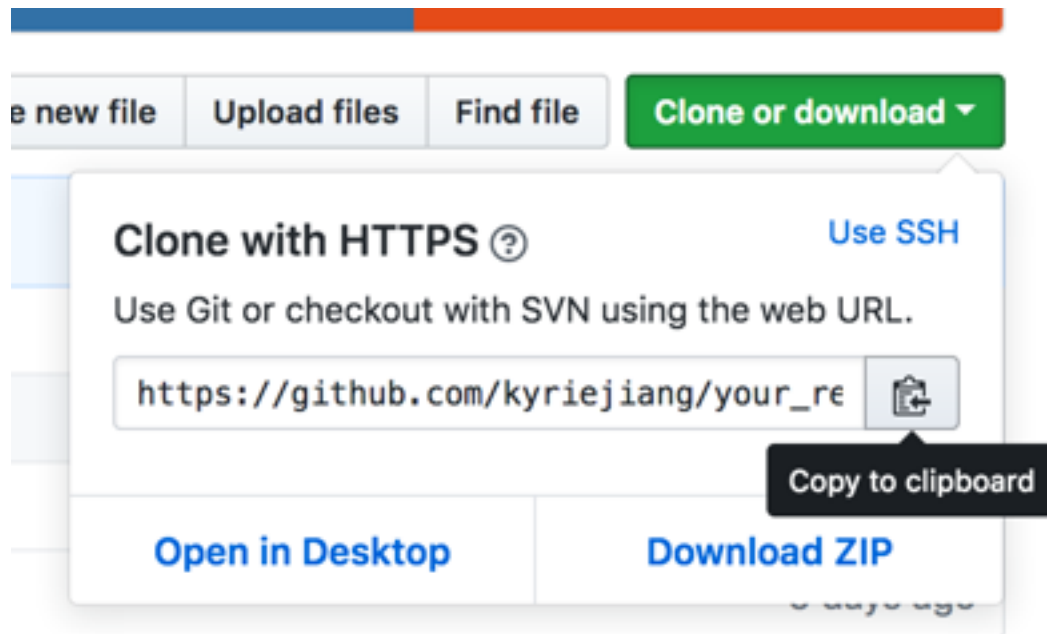
Once here you can click on the “Repositories” tab to view all your repositories.



Hopefully looking at this list of repositories can help you remember the repository name you want. Click on your repository name. Because Kyrie remembers his repository name is my_first_website, he will click on your_repo_url_address. However, your own repository name (if you created it), almost certainly has another name.



Once you are in your repository, you can click “Clone or Download” then **copy** your repository address like in the picture above and below (zoomed in).

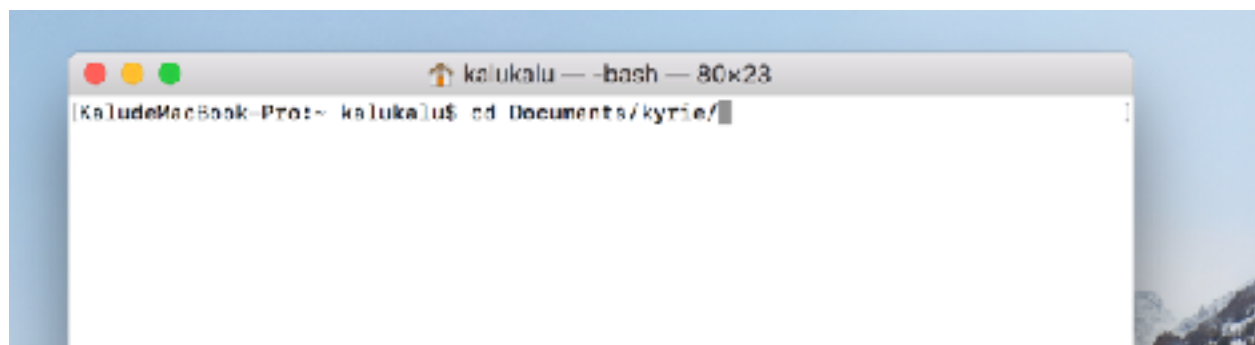


Using Github Repo Address To Git Clone

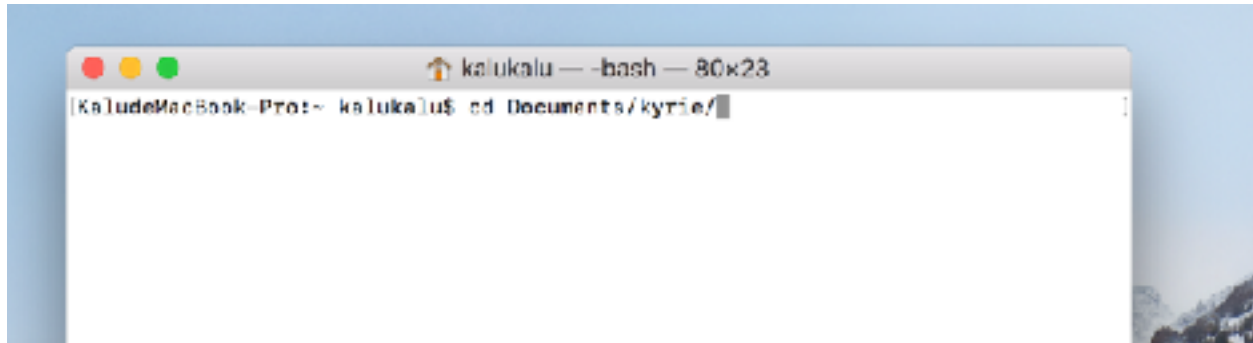
So now we have the github repository address. For Kyrie, his address is `https://github.com/kyriejiang/your_repo_url_address.git`

Let's open up our Terminal, and `cd` into our `~/Documents/your_name` folder.

```
KaludeMacBook-Pro:~ kalukalu$ cd ~/Documents/kyrie/
```



Once in our `your_name` folder we can git clone our project using the keyword “git” with the

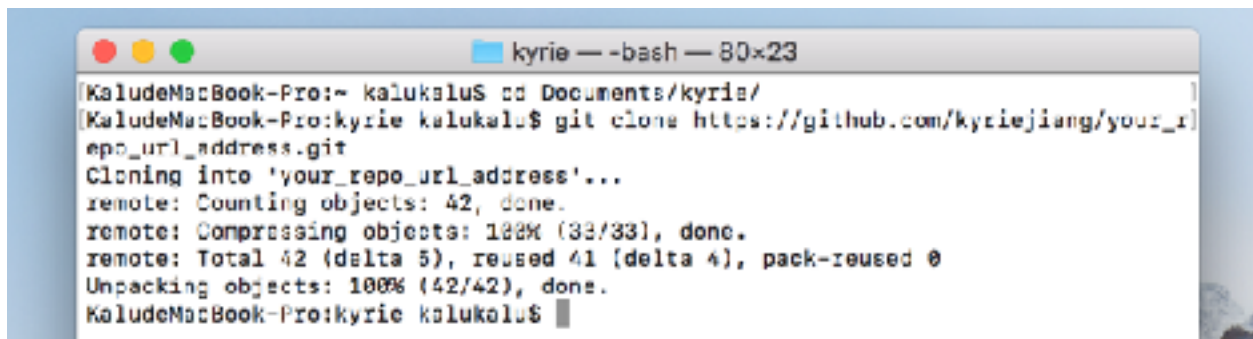


arguments “clone” and “your_repository” like this, `git clone https://github.com/kyriejiang/your_repo_url_address.git`

```
KaludeMacBook-Pro:kyrie kalukalu$ git clone https://github.com/kyriejiang/your_repo_url_address.git
```

Your output should be something like this

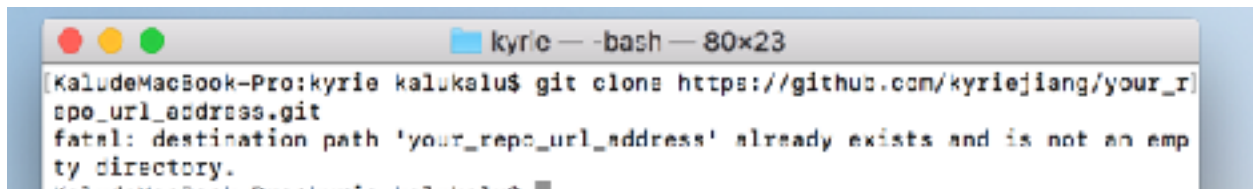
```
Cloning into 'your_repo_url_address'...
remote: Counting objects: 42, done.
remote: Compressing objects: 100% (33/33), done.
remote: Total 42 (delta 5), reused 41 (delta 4), pack-reused 0
Unpacking objects: 100% (42/42), done.
```



If you see this you have successfully downloaded your GitHub repository. Congrats!

Fixing 'Destination Path Already Exists' Error

Some of you may get an error that looks like this,
KaludeMacBook-Pro:kyrie kalukalu\$ git clone https://github.com/kyriejiang/your_repo_url_address.git fatal: destination path 'your_repo_url_address' already exists and is not an empty directory.

A screenshot of a macOS terminal window. The title bar shows 'kyrie — bash — 80x23'. The terminal text shows the command 'git clone https://github.com/kyriejiang/your_repo_url_address.git' being executed, followed by the error message: 'fatal: destination path 'your_repo_url_address' already exists and is not an empty directory.'

```
KaludeMacBook-Pro:kyrie kalukalu$ git clone https://github.com/kyriejiang/your_repo_url_address.git
fatal: destination path 'your_repo_url_address' already exists and is not an empty directory.
```

The meaning of this error is that you already have a folder called your_repo_url_address (or whatever your particular destination path is). The reason for this could be because 1) you are using the same computer as you did last time, or 2) you already git clone successfully and you tried to run it again.

In either case, in which case you don't need to download from github. You already have it!

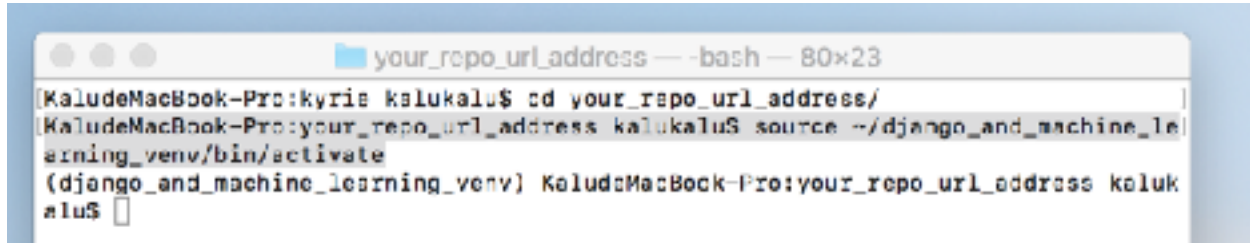
Checking to see your app still works!

Now that we have downloaded our app, we wanna see if it still works. First, cd into the repository you just downloaded from github.

```
KaludeMacBook-Pro:kyrie kalukalu$ cd your_repo_url_address/
```

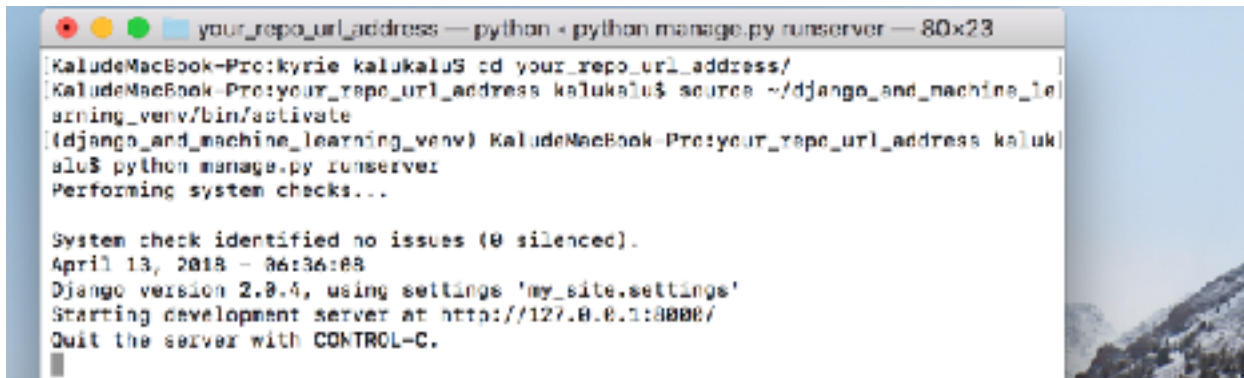
Once you are there you can activate your virtual environment.

KaludeMacBook-Pro:your_repo_url_address kalukalu\$ source ~/django_and_machine_learning_venv/bin/activate

A terminal window titled "your_repo_url_address — bash — 80x23". The prompt is "KaludeMacBook-Pro:kyrie kalukalu\$". The user enters "cd your_repo_url_address/" and the prompt changes to "KaludeMacBook-Pro:your_repo_url_address kalukalu\$". The user then enters "source ~/django_and_machine_learning_venv/bin/activate". The prompt changes to "(django_and_machine_learning_venv) KaludeMacBook-Pro:your_repo_url_address kalukalu\$".

```
your_repo_url_address — bash — 80x23
KaludeMacBook-Pro:kyrie kalukalu$ cd your_repo_url_address/
KaludeMacBook-Pro:your_repo_url_address kalukalu$ source ~/django_and_machine_learning_venv/bin/activate
(django_and_machine_learning_venv) KaludeMacBook-Pro:your_repo_url_address kalukalu$
```

Then run your server. And checkout your website.

A terminal window titled "your_repo_url_address — python - python manage.py runserver — 80x23". The prompt is "KaludeMacBook-Pro:kyrie kalukalu\$". The user enters "cd your_repo_url_address/" and the prompt changes to "KaludeMacBook-Pro:your_repo_url_address kalukalu\$". The user then enters "source ~/django_and_machine_learning_venv/bin/activate". The prompt changes to "(django_and_machine_learning_venv) KaludeMacBook-Pro:your_repo_url_address kalukalu\$". The user enters "python manage.py runserver". The output shows "Performing system checks...", "System check identified no issues (0 silenced).", "April 13, 2018 - 06:36:08", "Django version 2.0.4, using settings 'my_site.settings'", "Starting development server at http://127.0.0.1:8000/", and "Quit the server with CONTROL-C.".

```
your_repo_url_address — python - python manage.py runserver — 80x23
KaludeMacBook-Pro:kyrie kalukalu$ cd your_repo_url_address/
KaludeMacBook-Pro:your_repo_url_address kalukalu$ source ~/django_and_machine_learning_venv/bin/activate
(django_and_machine_learning_venv) KaludeMacBook-Pro:your_repo_url_address kalukalu$ python manage.py runserver
Performing system checks...

System check identified no issues (0 silenced).
April 13, 2018 - 06:36:08
Django version 2.0.4, using settings 'my_site.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
```

Lastly, checkout your website.

Then run your server. And checkout your website.

Hi, I am kyrie. Welcome to my blog!

My First Blog Post

How is kobe who is the best nba player!!!



Kobe Bean Bryant (born August 23, 1978) is an American former professional basketball player. He played his entire 20-year career with the Los Angeles Lakers of the National Basketball Association (NBA). He entered the NBA directly from high school and won five NBA championships with the Lakers. Bryant is an 18-time All-Star, 12-time member of the All-NBA Team, and 11-time member of the All-Defensive team. He led the NBA in scoring during two seasons, and ranked third in the league all time regular season scoring and fourth in all time postseason scoring list. He holds the NBA's record for the most seasons (playing with one team) for most seasons and is widely regarded as one of the greatest basketball players of all time [1] [4] [5]. Bryant is the first player in NBA history to play for at least 20 seasons.

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