

# Digital Ocean Domain & Git Overview Cheat Sheet

## Github

Runs/Has  
Repository  
Copy of Droplet's SSH Key

This allows Git & This Droplet to interact.

## Digital Ocean

Runs/Has  
ip address  
Droplet  
Ubuntu  
LAMP  
Git  
Repo from Github  
SSH Key

## Domain

Runs/Has  
Subdomain

Copy of Droplet's ip address

Because of this, when you type:

Subdomain. **Domain**

You will be taken to see what's in the Droplet/ What the Droplet has been configured to show you.

## Terminal

What to do in Termainl?  
You have, a Droplet, a Subdomain, and a Github repository.  
Now what?

If you started correctly the droplet already has Ubuntu and LAMP stack.

- 1) Install Git on the Droplet.
- 2) Configure Git.
- 3) Create SSH Key on the Droplet.  
Copy the public SSH Key to your Github account. This allows the Droplet & Git to interact.
- 4) Clone the Git repository to the Droplet.  
Make it go into the root~/var/www/html/**Your Clone**
- 5)Configure Apache to Show this repository when:  
Subdomain. **Domain** is typed into a web browser

If you want to put more repositories in this droplet,  
Make a new subdomain.

With the Droplet's ip address.  
Make a clone of the new repository.  
Configure Apache using the file:

**Subdomain.Domain.com.conf**

## The Goal: Create a computer hosted on an outside server

This shows the directory structure that is created by going through this process.

The outside server.

My Droplet/computer

The files and folders on my computer.

(These softwares are in here somewhere  
Ubuntu  
Linux  
Apache  
Php  
Git)

My Github repo/clone

## Look inside the repo:

This tells Apache where to go.

After you make it, you have to put it where Apache can see it.  
(DigitalOcean\_03ApacheNGit.pdf)

Add more to your Droplets.  
Another repo/subdomain/website.

