

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
Sub-domain

Copy of Droplet's ip address

Because of this, when you type:

Sub-domain. **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 Terminal?
You have, a Droplet, a Sub-domain, 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.
Change the directory into...~/var/www/html/**Your Clone**
- 5)Configure the virtual host files,
so apache shows this repo when:
sub-domain.domain is typed into a web browser

If you want to put more repositories in this droplet,
Make a new sub-domain.

With the Droplet's ip address.
Make a clone of the new repository.
Configure Apache using the file:
sub-domain.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/sub-domain/website.

