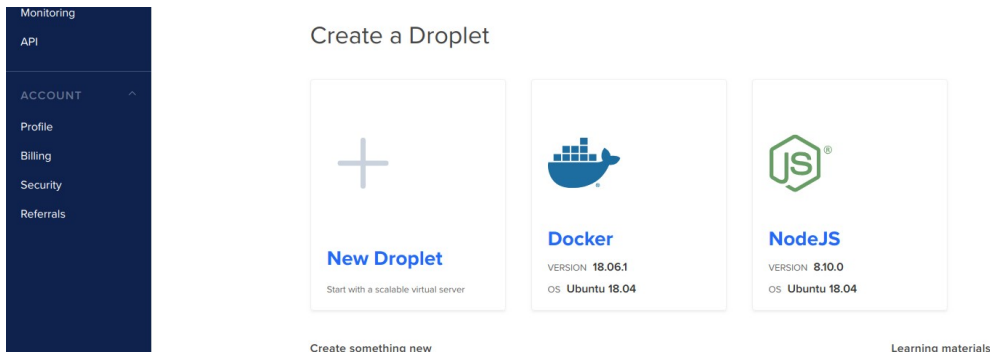


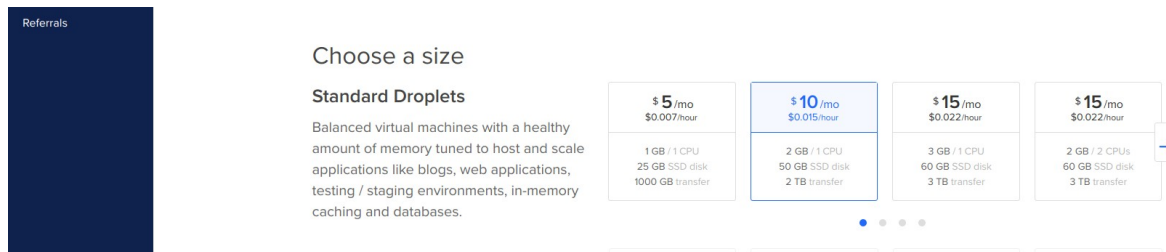
## How to Deploy IronDB as a DigitalOcean Droplet (Developer Edition)

In order to test deployment of IronDB on a DigitalOcean droplet, you will first need to sign up for an account at [Digital Ocean](#). If you would like \$50 of free credits, sign up for the [Github Student Pack](#).

Create a new droplet based on the Docker Ubuntu 18.04. When making the droplet, tell it you will be using Docker and it will populate the option on the next screen. This will have all the tools installed that are needed for a deployment.

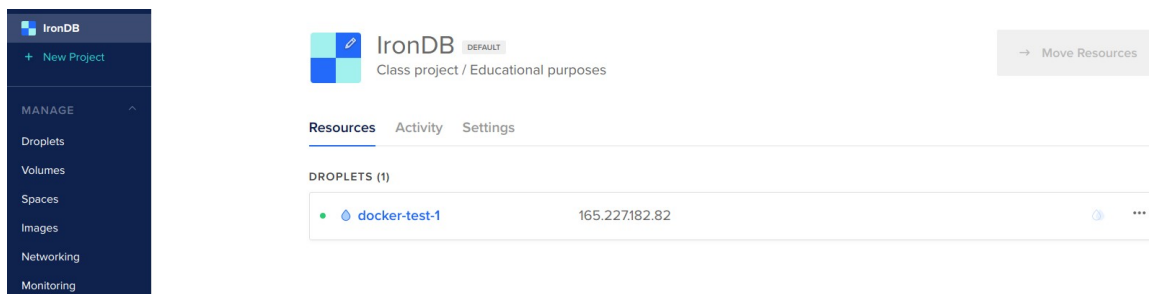


Select the appropriate droplet size. The \$10 droplet is fine, although you may choose a cheaper option. If you find yourself lost at any point, head over to [the documentation](#).



Add a SSH key. If you are using a proper OS, you can make a SSH key with the command `ssh-keygen` or use one that you have previously generated, which should be at `~/.ssh/id_rsa.pub`

When you create your droplet it will give you an IP address, copy that.



From there, open your terminal and enter `ssh@your.ip.addr`

```
root@docker-test-1: ~
root@docker-test-1: ~ 81x21

(base) ken@monolith:~ » ssh root@165.227.182.82
The authenticity of host '165.227.182.82 (165.227.182.82)' can't be established.
ECDSA key fingerprint is SHA256:3CwWNLj5etZ7hfFa1lEDuB3X2nJ3lvrqJYV+UEku96o.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '165.227.182.82' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-36-generic x86_64)

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

root@docker-test-1:~#
```

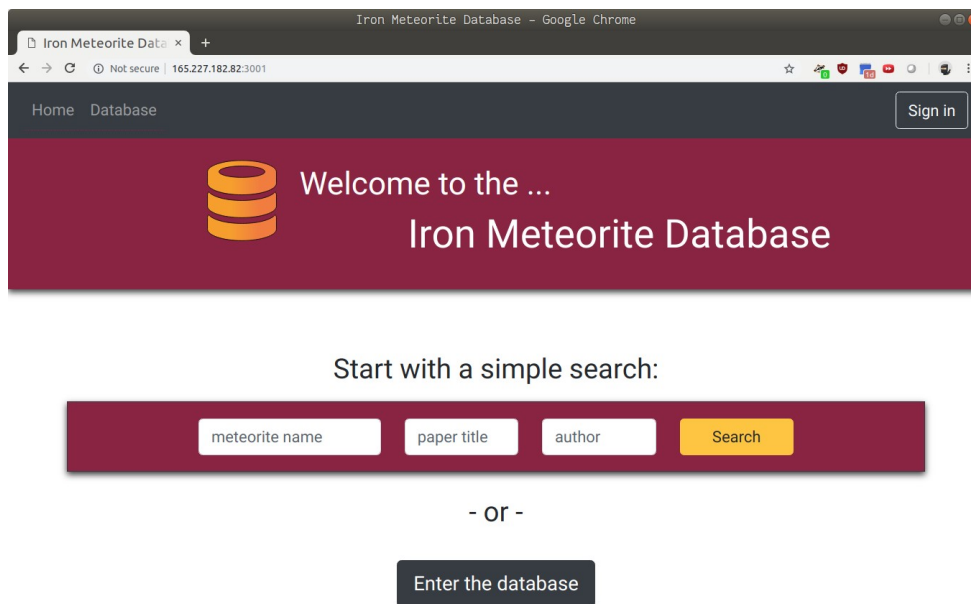
Then do the following:

```
git clone https://github.com/kenbonilla/irondb.git
cd irondb
git checkout nosudo
./iron.sh
1
```

```
root@docker-test-1: /home/irondb
root@docker-test-1: /home/irondb 81x21

[23:48:30] Starting 'sass'...
[23:48:30] Finished 'sass' after 275 ms
[23:48:31] Using gulpfile /home/irondb/gulpfile.js
[23:48:31] Starting 'js'...
[23:48:31] Finished 'js' after 67 ms
Starting the containers
Removing network irondb_default
pgdb uses an image, skipping
Building web
Step 1/9 : FROM python:3.7.1-stretch
3.7.1-stretch: Pulling from library/python
54f7e8ac135a: Pull complete
d6341e30912f: Pull complete
087a57Faf949: Pull complete
5d71636fb824: Extracting [=====>] 5
0.06MB/50.06MBDownload complete
206.1MB/213.2MBDownload complete
78a3d3a96a32: Download complete
885a0ed92c89: Download complete
dd7cc9ace242: Download complete
1.784MB/1.784MB
```

Basically you will see a lot of this, and this will take about 10 minutes. Once it completes, wait a couple minutes for Postgresql to finish standing up. Then open your browser to `your.ip.addr:3001` and behold the glory.



That's it, crack open a cold one! We are done with devops hell.