

Digital Ocean Quests - up to 200xp



Goal: To figure out how to get socketio running on Google Cloud

I've had minimal luck in directly attacking the problem of how to get socketio running on Google Cloud. So I thought I would crowd source an end run around the problem by trying Digital Ocean. I figure maybe what we learn in Digital Ocean will help us with Google Cloud.

Cost:

You can get a \$50 credit for Digital Ocean by enrolling in the [Github Student Developer Pack](#)

Without that credit your costs will be below \$1. (be sure to delete your machine after your run this experiment)

The plan

You can work alone or with a partner. Maximum XP awarded for quests achieved during today's class (22 February). You can gain points up to midnight tonight. If no one gets the keys to the universe (figures out a solution for socketio / Google Cloud) by tonight the quests will continue for full xp.

Quest - get your pack - 60xp

1. Setup [a DigitalOcean account](#) and spin up a Droplet. Their logo, pictured above claims you can get a droplet up and running in 55 seconds!
2. Go through [these instructions to set up Flask](#). Some of you may want to try these alternative [instructions to set up Flask](#). (to me the first seems more promising)
3. Clone your very basic Flask template code and demo.

Quest - Socketio - 70xp

The first quest was a step by step 1, 2, 3 one. This one is more vague. Using either your own socketio code, or [the simpleIRC code](#). Can you get the code to work on DigitalOcean? Feel free to use the full force of the Google-verse. Demo and send a private Piazza note describing the steps you used to succeed.

Quest - From the Ocean to the Cloud - 70xp

Can you use what you learned in Digital Ocean to get socketio running on Google Cloud? Demo and send a private Piazza note describing in detail how you accomplished this (the instructions will later be posted publicly)

Points after class.

To demo any of the quests after class just send Mikaela or me a link to your site running on DigitalOcean.

The Get Your Pack Quest full xp is available until midnight tonight.

There are two cases for both the Socketio Quest and the From the Ocean to the Cloud Quest. If someone successfully demoed the quest during class, you can gain 50xp up to midnight. If no one completed the quest during class you will get full xp up to midnight. If no one has a successful demo the quest will remain open.