First Time Environment Configuration Guide.

Key:

* Things to Check/Configure/Create
* Buttons to press
* Commands to enter
* Places to Go
* Things to Copy/Paste

Help: @Jeff-Schuitema on slack

Goto <https://us-east-2.console.aws.amazon.com/cloud9/home?region=us-east-2>

Create Environment

Name: ipos (This does not matter)

Next Step

Environment Settings: Create a new EC2 instance for environment (direct access)

Environment Settings: t2.micro (1 GiB RAM + 1 vCPU)

Environment Settings: Ubuntu Server 18.04 LTS

Next Step

Create Environment

Right Click environment folder (Main directory folder) -> New File -> name it “resize.sh”. Open it

Goto New Tab <https://docs.aws.amazon.com/cloud9/latest/user-guide/move-environment.html>

Copy Script under “Resize an Amazon EBS volume used by an environment”



Paste into resize.sh you just created.

File -> Save all

Goto Terminal, if terminal is not open then Window-> New Terminal (or press Alt-T)

sh resize.sh 20

git config --global user.email *“email@example.com”*

Check to ensure your email is correct: git config --global user.email

git clone https://github.com/CitadelCS/ipos

rvm get stable

rvm install "ruby-2.6.6"

cd ipos

rvm get stable

rvm install "ruby-2.6.6"

gem install bundle

sudo apt-get install postgresql-contrib libpq-dev

y

bundle install

bundle exec figaro install

y

Goto ipos-> config-> application.yml

Add these two lines to the application.yml file:

PG\_USER: "pg-user"

PG\_PASS: "pg-pass123"

File -> Save all

sudo -u postgres createuser -s pg-user

sudo -u postgres createdb pg-user

sudo su postgres

psql

ALTER USER "pg-user" WITH SUPERUSER; \*should see ALTER ROLE afterwards\*

\q

exit

sudo -u postgres psql

\password pg-user

pg-pass123

pg-pass123

\q

bin/rails db:create db:migrate

curl -sS https://dl.yarnpkg.com/debian/pubkey.gpg | sudo apt-key add -

echo "deb https://dl.yarnpkg.com/debian/ stable main" | sudo tee /etc/apt/sources.list.d/yarn.list

sudo apt update && sudo apt install yarn

bin/yarn install

bin/rails webpacker:install

y

y

rails webpacker:install:stimulus

rails active\_storage:install

rails action\_text:install

bin/rails db:migrate

rails db:seed

bin/rails s

Goto Preview-> Preview Running Application

Copy the “config.hosts << xxxxxxxx” stuff

Goto ipos->config->environments->development.rb

Paste the “config.hosts << xxxxxxxx” stuff to the file under the Rails.application.configure do portion.

File->Save all

Exit server with ctr+C

bin/rails s

Goto Preview-> Preview Running Application

Hit the double box icon on the integrated view screen to open preview in a new tab

\*You should see the index page at this point, if not something is wrong

git branch Mybranchnamegoeshere

Useful links:

<https://guides.rubyonrails.org/getting_started.html>

<https://github.com/mverdicchio/421-reading-log>

<https://www.atlassian.com/git/tutorials/using-branches>

<https://www.youtube.com/watch?v=IwRPcyY891g>

<https://github.com/CitadelCS/ipos>