Products to Evaluate

Vagrant – Launch with command-line Ubuntu

[Heroku](#Heroku) – Launch with a sample Django App

Ruby on Rails -- ??

**Heroku**

Commands

Download code from elsewhere

heroku git:clone -a APP-NAME

List apps

heroku apps --all

Installing

Account

gmail y17

<https://devcenter.heroku.com/articles/getting-started-with-python>

Installed

pip is installed already

Installed pipenv (I think)

Installed heroku

login does not work because of proxies

Login issue:

\_netrc

has password

\_netrc is C:\Users\mbuty\netrc

Git Bash is my git client

<https://devcenter.heroku.com/articles/git#http-git=authentication>

--“If you’re using other Git clients, such as EGit or Tower, configure them to use an empty string for username (or any string you like – it’s ignored) and your account API key for password.”

--get API key

<https://devcenter.heroku.com/articles/authentication#retrieving-the-api-token>

heroku auth:token

changing H/.gitconfig from

[user]

name = Mario Buty

email = [mbuty@impaqint.com](mailto:mbuty@impaqint.com)

to

name =

email =

username =

password = a247a573-cd5c-4234-b4ad-cb194ffc1380

-> still get popup

didn’t work entering “” / key in popup, couldn’t do it in GUI

Uninstalling git bash, removing .gitconfig, restarting command prompt, retrying

Removed C:\Program Files\Git git (git bash and git)

Removed H/.gitconfig

-> git push heroku master did not work

Installed git via C:\Program Files\Heroku\git.ext

Used Windows’ default console window instead of MinTTY

Disabled Git Credential Manager

-> still the same

10/23/17

\_netrc

But it now says

>machine git.heroku.com

password 5daa33f1-4ce6-4621-adb3-15e38c451476

login [md.buty@gmail.com](mailto:md.buty@gmail.com)

created a new app, still got the login prompt

-> but typed in Username: / Password:

-> SUCCESS

Moving on to <https://github.com/heroku/heroku-django-template>

Can’t install things (virtualenv, Django) via pip, because some perissions error to

C:\Program Files\Python\Python35-32\Lib\site-packages

Virtualenv: [Errno 13] “permission is denied: <path>\virtualenv.py”

Django: [WinError 5] “Access is denied: <path> \pytz”

-> don’t see those packages in the dir

trying https://stackoverflow.com/questions/31172719/pip-install-access-denied-on-windows

-> python –m pip install Django -> NO

trying command as admin

-> SUCCESS

installed virtualenv and Django

Trying to run

django-admin.py startproject --template=https://github.com/heroku/heroku-django-template/archive/master.zip --name=Procfile mario\_proj\_1

It just brings up that admin script in Sublime

C:\Program Files\Python\Python35-32\Scripts\django *is* on the path

restarting command window

Trying python “C:\Program Files\Python\Python35-32\Scripts\django-admin.py” startproject --template=https://github.com/heroku/heroku-django-template/archive/master.zip --name=Procfile mario\_proj\_1

-> SUCCESS

Setting up the project C:\heroku\mario\_proj\_1

git init; git add –A; git commit –m “Initial Commit”

heroku create mario-proj-1

git push heroku master

heroku run python manage.py migrate

it works!

<https://mario-proj-1.herokuapp.com/>

How do I start the app and edit it?

heroku run python manage.py startapp mario-proj-1 does not work

Because the site wants to start the Django app, not the Heroku app?

Made first draft: urls, views, models, templates (index mail), static

Had to delete doctype at the top of index because it didn’t like it (?)

manage/migrate successful

->did add and commit, but push was rejected

removed the {% load staticfiles %} bit from index, re-added <!DOCTYPE html>

-> failed again

disabling collectstatic as suggested

> heroku config:set DISABLE\_COLLECTSTATIC=1

-> deploys

error with bootstrap

put the staticfiles link back in

error recoginizing Category

Changed views.py from from .models import \* to import Category

10/26/17

Trying to update the models on heroku

heroku run python manage.py makemigrations

heroku run python manage.py migrate

-> works!

Categories do not show up on page

Probably because I’m declaring them illegally

Going to try to declare via shell

Copying from Try Django / The Django Interactive Shell Empty Query set

imported model, created test\_cat\_pizza, saved

-> shows up in app!

Trying to run locally

<https://devcenter.heroku.com/articles/deploying-python>

Changing

gunicorn==19.6.0  
psycopg2==2.6.2

to

psycopg2==2.5.3

Can’t install because of not finding pgconfig

Trying without gunicorn==19.6.0

Editing procfile

from

web: gunicorn mario\_proj\_1.wsgi

to

web: python manage.py runserver 0.0.0.0:$PORT

Doesn’t like the port setup

Changing both back, deploying through Heroku servers

It uses boostrap but still looks kinda lame

Added a new item, LineItem

Added to settings – date format

*# user-defined*DATE\_INPUT\_FORMATS = (**'%m-%d-%Y'**)

Added as field

**class** LineItem(models.Model):  
 name = models.CharField(max\_length=100)  
 price = models.DecimalField(max\_digits=10, decimal\_places=2)  
 date = models.DateField()

Created a superuser

> heroku run python manage.py createsuperuser

[md.buty@gmail.com](mailto:md.buty@gmail.com) /Y17

Registering LineItem and Category in main\_app / admin.py

-> cool

Redid index.py

Added fields to LineItem

Created framework fo upload\_csv.py

Moved upload\_csv out of utils temporarily

-> import worked

Didn’t work on deploy

-> need to do migrations locally, commit, *then* migrate again

Trying to pull after making changes at home

Did git login

> git pull heroku gives the same stupid username / password thing, which fails with the key

> git pull heroku Mario-proj-1 same

Trying as admin

> git pull heroku master works perfectly

---

JQuery worked

Changing the refs to

*<!--<script src="//ajax.googleapis.com/ajax/libs/jquery/1.11.0/jquery.min.js"></script>-->  
<!--<script src="//netdna.bootstrapcdn.com/bootstrap/3.1.1/js/bootstrap.min.js"></script>-->  
<!--<link rel="stylesheet" type="text/css" href="//netdna.bootstrapcdn.com/bootstrap/3.1.1/css/bootstrap.min.css">-->*<**link rel="stylesheet" type="text/css" href = "{% static 'bootstrap.min.css' %} "** />  
<**link rel="stylesheet" type="text/css" href = "{% static 'style.css' %} "** />  
  
<**script src="{% static 'js/jquery-3.0.0.min.js' %}"** />  
  
<**script src="{% static 'js/index.js' %}"** />

Screwed up, need to