

Running dash applications inside your docker container

This document will guide you through running and accessing Dash applications inside your Docker container.

Installing python dependencies

Follow your regular dependency installation, as described in the `managing-environments.pdf` document. Remember to check your case README for additional dependency installation instructions.

Running the dash application

After installing your python dependencies, using the Jupyter Terminal, navigate to the folder containing your dash application entry point file (refer to your case README to know which folder and file are used) and execute it. For example, if the file is called `index.py` and it is inside the folder `App` and if the is set to 8050

```
cd path/to/entry/App
python index.py
```

After running the above commands, your terminal output should look similar to this:

```
Running on http://127.0.0.1:8050/
Debugger PIN: 012-429-383
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
Running on http://127.0.0.1:8050/
Debugger PIN: 108-533-243
```

Navigating to the dash application

Using your browser, type the address shown in the output of the previous step. Remember that if you are on `docker toolbox` your server will run your server will run at the address `<docker-machine ip address>:8050`. Refer to the `docker.pdf` document to more on how to get your `docker-machine ip address`.