

Docker Notes

Create a docker file in infrastructure/my_container_name/Dockerfile

The docker file starts with:

Where 'continuumio/miniconda' is the base docker image. See <https://hub.docker.com/> for more Images

Then add any environment variables and arguments, e.g.

Run any extra commands necessary for the container, e.g. system packages that need to be installed

To create a python environment and install packages:

Some packages may require an already setup environment, these can be installed by:

note the quotation marks

To expose a port

Now create an entry in docker-compose.yml

To build the container, in bash navigate to the infrastructure directory (the location of docker-compose.yml)

Check runtime errors with:

Once built, spin up the container with: