



docker

Core concepts

Image

“Template” environment with everything needed to perform a certain task

Container

A running instance of an image

Dockerfile

File containing instructions to build an image

docker-compose

Tool for defining and running multiple, coordinated containers

Docker Hub

GitHub-like site with repositories of pre-built images

my_experiment/
└─ exp/
 └─ data/



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my_experiment/  
├── exp/  
└── data/
```

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Dockerfile

```
my_experiment/  
├── exp/  
└── data/
```



```
FROM python:3.6-stretch  
  
ENV PSITURK_GLOBAL_CONFIG_LOCATION "/exp"  
  
WORKDIR "/exp"  
  
RUN pip install \  
    psiturk==2.3.8 \  
    pymysql==0.10.0 \  
    python-Levenshtein==0.12.0 \  
    && rm -rf ~/.cache/pip  
  
CMD ["bash"]
```