

How-to: Use Docker for the Big Data Course

- **Run the image:** `docker run --rm -it -v "$(pwd)":/home/jovyan/work -p 8888:8888 fmind/bigdata`
 - -p port mapping from host to container (change the first number if your port is already binded)
 - -v data volume mapping from host to container (make no mistake, this is what save your work)
 - --rm automatically delete the container when it exists
 - -it keep STDIN open for input, with a pseudo terminal
 - Use Ctrl-C or Cmd-C to stop the foreground image
- **List docker images installed:** `docker images`
- **List docker images currently running:** `docker ps`
- **Kill a docker image:** `docker kill <image id or name>`
- **Remove a docker image:** `docker rmi <image name>`
- **Connect to the notebook** (change the port if needed):
 - Gnu/Linux: <http://localhost:8888>
 - Windows, Mac: <http://192.168.99.100:8888>