

#Run docker image to create a container for CUDA C

#Link: <https://askubuntu.com/questions/1197191/why-cant-i-run-command-nvcc-version-in-docker-cuda-container>

\$docker run --name CUDA\_Docker -it --gpus all nvidia/cuda:latest bash

#Check and update

\$nvidia-smi

\$nvcc -V

\$apt update

#Copy file from host to container(CUDA\_Docker)

\$docker cp ./OCT-MPS CUDA\_Docker:./

#bash: ./OCT-MPS: Permission denied issue

#Link: <https://stackoverflow.com/questions/18960689/ubuntu-says-bash-program-permission-denied>

\$chmod u+x OCT-MPS

#Run OCT simulator on Docker

\$/OCT-MPS ./Sphere.opt ./Sphere.mesh ./BiasStartup.mci