To run a program in Docker, type:

docker run -ti --volume=$(pwd):/workspace caffe:cpu bash

for CPU version, or

docker run -ti --volume=$(pwd):/workspace caffe:gpu bash

for GPU version.

This will open a linux shell for you, your current directory will be mapped to /workspace in Docker, therefore anything you did in /workspace will be on your current directory in your host machine.

To exit, run:

exit

Note that any changes you made to the system (i.e. install a software) will be lost when you restart the Docker.