How to use Local Docker as SSH Host in Clion

1. Create the container as follows

```
tony@MOSSO2:~/projects/temp/CANDY/docker$ sudo bash start.sh

Removing network docker_default

Building candy

[+] Building 554.9s (11/11) FINISHED docker:default

=> [internal] load build definition from Dockerfile 0.0s

=> => transferring dockerfile: 1.22kB 0.0s

=> [internal] load metadata for docker.io/nvidia/cuda:11.7.1-cudnn8-deve 2.1s

=> [internal] load .dockerignore 0.0s

=> => transferring context: 2B 0.0s

=> CACHED [1/7] FROM docker.io/nvidia/cuda:11.7.1-cudnn8-devel-ubuntu22. 0.0s
```

If you go to play War thunder and go back in 20 minutes, you should see this

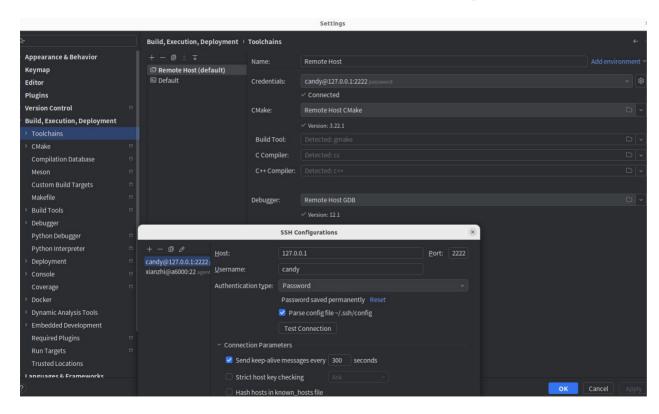
```
=> => writing image sha256:efc8241e01aa2a22b06fd347d953ac70e74a3f3227040 0.0s
=> => naming to docker.io/library/docker_candy 0.0s

1 warning found (use docker --debug to expand):
   - SecretsUsedInArgOrEnv: Do not use ARG or ENV instructions for sensitive data
(ENV "PASSWD") (line 4)
Creating network "docker_default" with the default driver
Creating docker_candy_1 ... done
Docker container is running. You can connect via SSH with:
ssh root@<remote_server_ip> -p 2222
```

Then do something like this

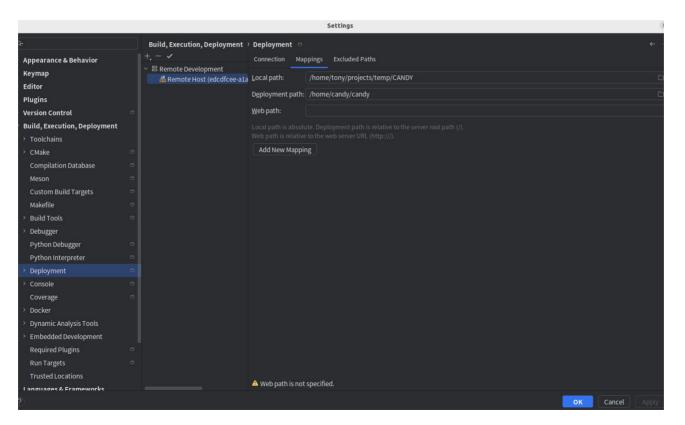
```
Creating network "docker default" with the default driver
Creating docker candy 1 ... done
Docker container is running. You can connect via SSH with:
ssh root@<remote server ip> -p 2222
root@313388752f9a:/workspace# tony@MOSS02:~/projects/temp/CANDY/docker$ sudo bas
docker image rm docker candy^C
tony@MOSS02:~/projects/temp/CANDY/docker$ ssh candy@127.0.0.1
ssh: connect to host 127.0.0.1 port 22: Connection refused
tony@MOSS02:~/projects/temp/CANDY/docker$ ssh candy@127.0.0.1 -p 2222
candv@127.0.0.1's password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.8.0-45-generic x86 64)
 * Documentation: https://help.ubuntu.com
 * Management:
                  https://landscape.canonical.com
                  https://ubuntu.com/advantage
 * Support:
This system has been minimized by removing packages and content that are
not required on a system that users do not log into.
```

2. Go to Clion, add the host



Do change the port into 2222!

3. Change the mapping



4. Restart Clion, force cmake to refresh, and enjoy!

```
README.md
                commit.sh docs
                                                test
$ ls /home/candy/candy
CANDY.cbp
                                   commit.sh
                                                        docs
                                                                         test
                apps
CMakeLists.txt build
                                                        include
                                   commit info
                                   detect_cuda_arch.py python_bindings
LICENSE
                cmake
README.md
               cmake-build-debug docker
                                                        SCC
```