```
dirInContainer="/home/openfoam/HydrothermalFoam_runs"
homeInHost="${1:-$HOME}"
dirInHost="${homeInHost}/HydrothermalFoam_runs"
imageName="zguo/hydrothermalfoam"
containerName="hydrothermalfoam"
docker run -it -d --name ${containerName} --workdir="/home/openfoam"
 ↪  -v=${dirInHost}:${dirInContainer} ${imageName}
```