

### 1. 一些DOCKER 问题

docker: Error response from daemon: Conflict. The container name "/isaacgym\_container" is already in use by container

"e4ef3b0f0c183f35a71f73d319fc714be92327d3a0ec132c878b1e52ec4d751d". You have to remove (or rename) that container to be able to reuse that name. See 'docker run --help'.

solution: docker rm

e4ef3b0f0c183f35a71f73d319fc714be92327d3a0ec132c878b1e52ec4d751d"

docker start isaacgym\_container

docker exec -it isaacgym\_container bash

### 2. DOCKER 设置display

报错信息：

+++ Using GPU PhysX

Physics Engine: PhysX

Physics Device: cuda:0

GPU Pipeline: enabled

[Error] [carb.windowing-glfw.plugin] GLFW initialization failed.

[Error] [carb.windowing-glfw.plugin] GLFW window creation failed!

[Error] [carb.gym.plugin] Failed to create Window in CreateGymViewerInternal

解决办法：

(在本地环境下成功)

首先查看display variable 是否设置成功

echo \$DISPLAY

如果没有设置成功

export DISPLAY=:0.0

如果还是失败，可以

export DISPLAY=:1.0

参考链接：<https://github.com/NVlabs/instant-ngp/issues/512>

### 3. WARNING: Forcing CPU pipeline.

Not connected to PVD

+++ Using GPU PhysX

Physics Engine: PhysX

Physics Device: cuda:0

GPU Pipeline: disabled

Segmentation fault (core dumped)

这个问题好像在本地也出现过，我忘记有没有更好的解决办法了，重启可以解决这个问题

### 4. 在Docker上装 github repo

Install IssacGymEnv on docker

我的做法是首先git clone到本地, 然后cp到issacgym\_container:  
docker cp IsaacGymEnvs isaacgym\_container:/opt/isaacgym

## 5. (未解决, 或许可以看看4) git clone 在服务器端不能下载成功

显示错误:

git clone <https://github.com/NVIDIA-Omniverse/IsaacGymEnvs.git>

Cloning into 'IsaacGymEnvs'...

fatal: unable to access 'https://github.com/NVIDIA-Omniverse/IsaacGymEnvs.git/':

Failed to connect to 127.0.0.1 port 15732: Connection refused

查看

```
(base) hanglok@hanglok-Z790-UD-AX: ~/Desktop/wz$ git clone https://github.com/NVIDIA-Omniverse/IsaacGymEnvs.git
Cloning into 'IsaacGymEnvs'...
fatal: unable to access 'https://github.com/NVIDIA-Omniverse/IsaacGymEnvs.git/': Failed to connect to 127.0.0.1 port 15732: Connection refused
(base) hanglok@hanglok-Z790-UD-AX: ~/Desktop/wz$ git config --global -l
http.proxy=http://127.0.0.1:15732
https.proxy=http://127.0.0.1:15732
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
(base) hanglok@hanglok-Z790-UD-AX: ~/Desktop/wz$ git config --global --unset http.proxy
(base) hanglok@hanglok-Z790-UD-AX: ~/Desktop/wz$ git clone https://github.com/NVIDIA-Omniverse/IsaacGymEnvs.git
```

## 6. cuda 问题

CUBLAS\_STATUS\_NOT\_INITIALIZED when calling `cublasCreate(handle)`

## 7. Sim->Graphics is nullptr

add a line:

graph\_device\_id = 0

```
envs = isaacgymenvs.make(
    seed=0,
    task="Ant",
    num_envs=2000,
    sim_device="cuda:0",
    rl_device="cuda:0",
    graphics_device_id=0,
    headless=False
)
```

refer: <https://github.com/NVIDIA-Omniverse/IsaacGymEnvs/issues/95>