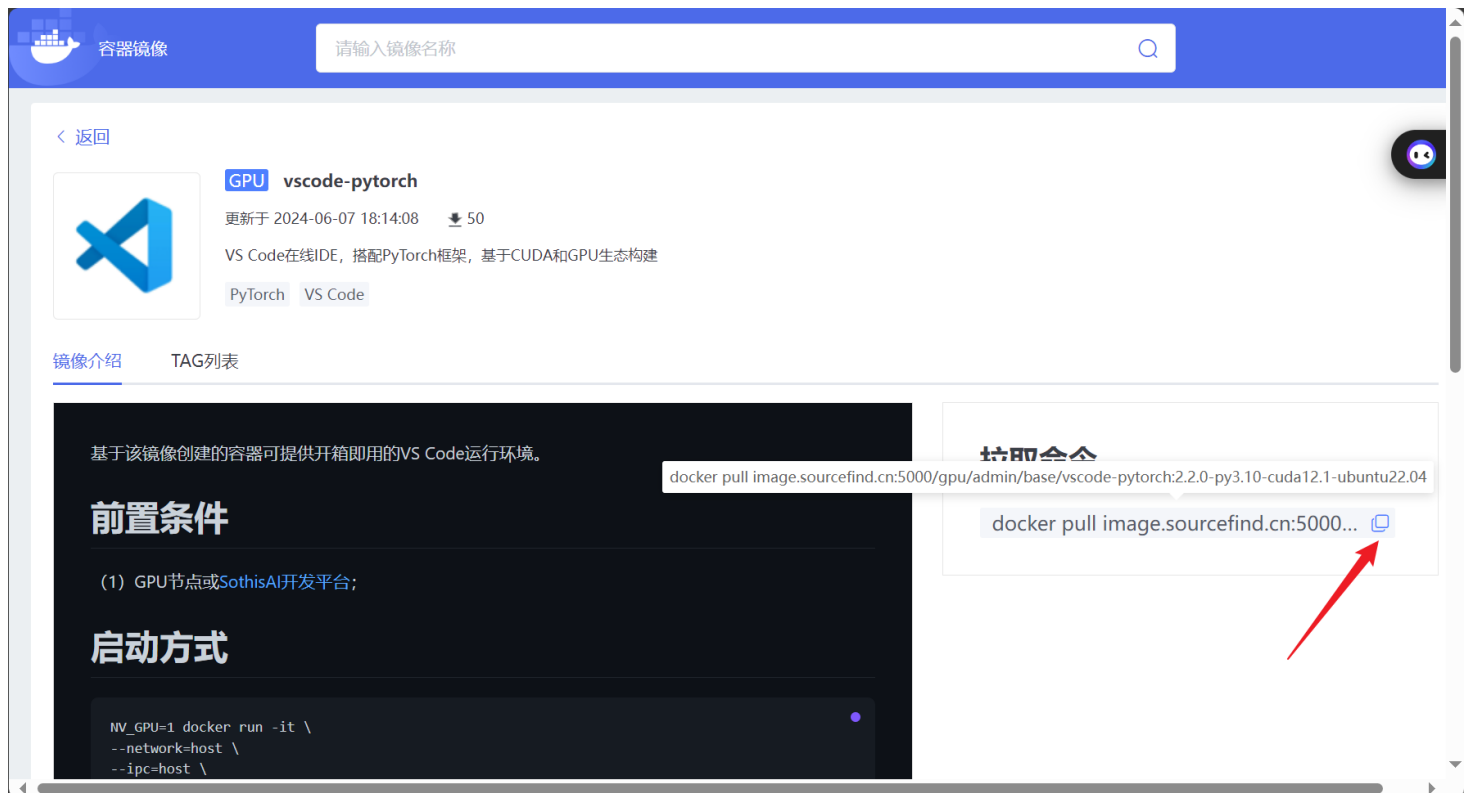


一、拉取镜像

使

用 `docker pull image.sourcefind.cn:5000/gpu/admin/base/vscode-pytorch:2.2.0-py3.10-cuda12.1-ubuntu22.04`
拉取镜像



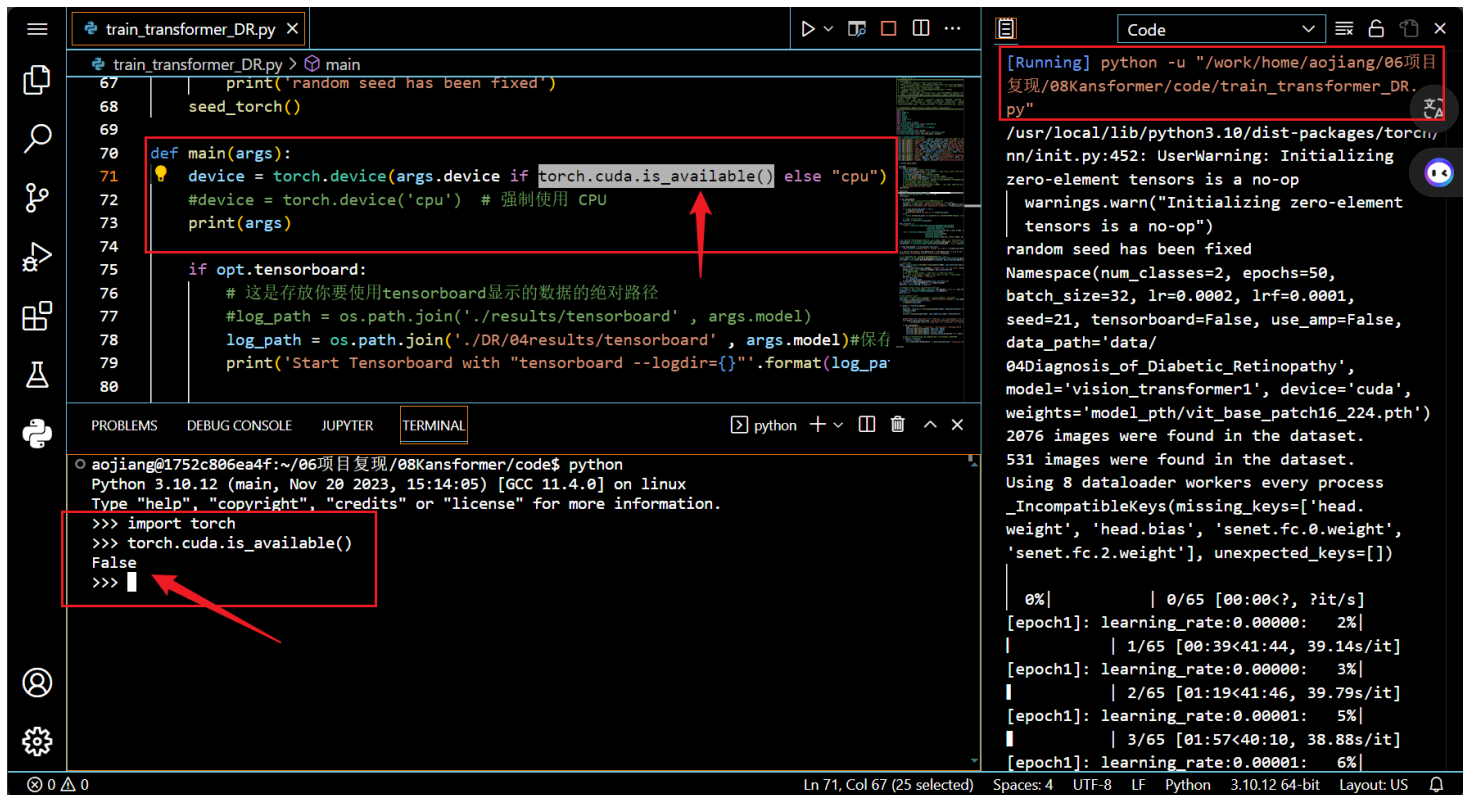
二、推送

三、创建容器实例

三、运行代码

运行代码，并在终端中运行下述命令

```
python
>>> import torch
>>> torch.cuda.is_available()
```



```
train_transformer_DR.py x
train_transformer_DR.py > main
67 print('random seed has been fixed')
68 seed_torch()
69
70 def main(args):
71     device = torch.device(args.device if torch.cuda.is_available() else "cpu")
72     #device = torch.device('cpu') # 强制使用 CPU
73     print(args)
74
75     if opt.tensorboard:
76         # 这是存放你要使用tensorboard显示的数据的绝对路径
77         #log_path = os.path.join('./results/tensorboard' , args.model)
78         log_path = os.path.join('./DR/04results/tensorboard' , args.model)#保有
79         print('Start Tensorboard with "tensorboard --logdir={}"'.format(log_pa
80
PROBLEMS DEBUG CONSOLE JUPYTER TERMINAL python + - x
aojiang@1752c806ea4f:~/06项目复现/08Kansformer/code$ python
Python 3.10.12 (main, Nov 20 2023, 15:14:05) [GCC 11.4.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import torch
>>> torch.cuda.is_available()
False
>>>

[Running] python -u "/work/home/aojiang/06项目复现/08Kansformer/code/train_transformer_DR.py"
/usr/local/lib/python3.10/dist-packages/torch/nn/init.py:452: UserWarning: Initializing zero-element tensors is a no-op
warnings.warn("Initializing zero-element tensors is a no-op")
random seed has been fixed
Namespace(num_classes=2, epochs=50, batch_size=32, lr=0.0002, lrf=0.0001, seed=21, tensorboard=False, use_amp=False, data_path='data/04Diagnosis_of_Diabetic_Retinopathy', model='vision_transformer1', device='cuda', weights='model_ptth/vit_base_patch16_224.pth')
2076 images were found in the dataset.
531 images were found in the dataset.
Using 8 dataloader workers every process
_IncompatibleKeys(missing_keys=['head.weight', 'head.bias', 'senet.fc.0.weight', 'senet.fc.2.weight'], unexpected_keys=[])

0%|          | 0/65 [00:00<?, ?it/s]
[epoch1]: learning_rate:0.00000: 2%|
|          | 1/65 [00:39<41:44, 39.14s/it]
[epoch1]: learning_rate:0.00000: 3%|
|          | 2/65 [01:19<41:46, 39.79s/it]
[epoch1]: learning_rate:0.00001: 5%|
|          | 3/65 [01:57<40:10, 38.88s/it]
[epoch1]: learning_rate:0.00001: 6%|
```

终端信息显示，cuda不可用，因此，模型训练在CPU上进行。

四、我的求助

请问如何解决上述cuda不可用的问题。