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 aitorzip removed comments in test, added support for more image formats

🕒 History

👤 1 contributor

Raw

Blame



Executable File 28 lines (21 sloc) 990 Bytes

```

1  import glob
2  import random
3  import os
4
5  from torch.utils.data import Dataset
6  from PIL import Image
7  import torchvision.transforms as transforms
8
9  class ImageDataset(Dataset):
10     def __init__(self, root, transforms_=None, unaligned=False, mode='train'):
11         self.transform = transforms.Compose(transforms_)
12         self.unaligned = unaligned
13
14         self.files_A = sorted(glob.glob(os.path.join(root, '%s/A' % mode) + '/*..*'))
15         self.files_B = sorted(glob.glob(os.path.join(root, '%s/B' % mode) + '/*..*'))
16
17     def __getitem__(self, index):
18         item_A = self.transform(Image.open(self.files_A[index % len(self.files_A)]))
19
20         if self.unaligned:

```

```
21         item_B = self.transform(Image.open(self.files_B[random.randint(0, len(self.files_B) - 1)]))
22     else:
23         item_B = self.transform(Image.open(self.files_B[index % len(self.files_B)]))
24
25     return {'A': item_A, 'B': item_B}
26
27 def __len__(self):
28     return max(len(self.files_A), len(self.files_B))
```