ImageFolder

The images are expected to be in this fashion so that they can be separated out into 2 or more classes as shown for Dogs and Cats.

```
root/dog/xxx.png
root/dog/xxy.png
root/dog/xxz.png

root/cat/123.png
root/cat/nsdf3.png
root/cat/asd932_.png
```

This method allows you to not worry about the names of the images. You can simply collect images of one class in one directory which simplifies the process of labelling.

torchvision.datasets.ImageFolder(*root*, *transform=None*, *target_transform=None*, *loader=<function default_loader>*, *is_valid_file=None*)

Parameters :
- root (string) – Root directory path.
- transform (callable, optional) – A function/transform that takes in an PIL image and returns a transformed version. E.g, transforms.RandomCrop
- target_transform (callable, optional) – A function/transform that takes in the target and transforms it.
- loader (callable, optional) – A function to load an image given its path
- is_valid_file – A function that takes path of an Image file and check if the file is a valid file (used to check of corrupt files)