

# dataset-sts 运行问题

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## 环境

- Github 链接: <https://github.com/lreneruru/dataset-sts/tree/master/data/anssel/wang>
- 已经安装好的
  - keras 0.3.2
  - theano
  - python的虚拟环境:
    - pip安装的包在/home/yiruchen/.local/lib/python2.7/site-packages
    - 另一部分在/home/yiruchen/tools/python/lib/python2.7

## 遇到的问题:

- 在文件夹/home/yiruchen/dataset-sts下运行:

```
python tools/train.py cnn anssel data/anssel/wang/train-all.csv data/anssel/wang/dev.csv nb_runs=16
```

会报出下图的错误, 疑似python包的路径混乱了。
- 目的: 实现指定GPU运行代码的功能, 可以同时利用起多个GPU。

```
ruru — yiruchen@workstation: ~/dataset-sts — ssh yiruchen@192.168.2.114 — 99x35
5 weights-anssel-rnn-17131a75d1c2d7c5-06-bestval.h5
weights-anssel-avg--205055390bce40a9-02-bestval.h5 weights-anssel-avg-6985cb3dbdc96a4-02-bestval.h
5 weights-anssel-rnn-17131a75d1c2d7c5-07-bestval.h5
weights-anssel-avg--205055390bce40a9-03-bestval.h5 weights-anssel-avg-6985cb3dbdc96a4-03-bestval.h
5 weights-anssel-rnn-17131a75d1c2d7c5-08-bestval.h5
weights-anssel-avg--205055390bce40a9-04-bestval.h5 weights-anssel-avg-6985cb3dbdc96a4-04-bestval.h
5 weights-anssel-rnn-17131a75d1c2d7c5-09-bestval.h5
weights-anssel-avg--205055390bce40a9-05-bestval.h5 weights-anssel-avg-6985cb3dbdc96a4-05-bestval.h
5 weights-anssel-rnn-17131a75d1c2d7c5-10-bestval.h5
weights-anssel-avg--205055390bce40a9-06-bestval.h5 weights-anssel-avg-6985cb3dbdc96a4-06-bestval.h
5
yiruchen@workstation:~/dataset-sts$ python tools/train.py cnn anssel data/anssel/wang/train-all.csv
data/anssel/wang/dev.csv nb_runs=16
Using Theano backend.
ERROR (theano.gpuarray): pygpu was configured but could not be imported or is too old (version 0.6
or higher required)
Traceback (most recent call last):
  File "/home/yiruchen/.local/lib/python2.7/site-packages/theano/gpuarray/__init__.py", line 21, in
<module>
    import pygpu
ImportError: No module named pygpu
Traceback (most recent call last):
  File "tools/train.py", line 118, in <module>
    task_module = importlib.import_module('.'+taskname, 'tasks')
  File "/home/yiruchen/tools/python/lib/python2.7/importlib/__init__.py", line 37, in import_module
    __import__(name)
  File "/home/yiruchen/dataset-sts/tools/tasks/anssel.py", line 28, in <module>
    import pysts.eval as ev
  File "/home/yiruchen/dataset-sts/tools/pysts/eval.py", line 12, in <module>
    from sklearn.metrics import mean_squared_error as mse
  File "/home/yiruchen/tools/python/lib/python2.7/site-packages/sklearn/__init__.py", line 56, in <
module>
    from . import __check_build
ImportError: cannot import name __check_build
yiruchen@workstation:~/dataset-sts$
```