

TensorRT环境说明

环境在64服务器安装

1. 登录64服务器
2. `source activate tensorRT` 进入tensorRT虚拟环境
3. `cd /home/lc/TensorRT/TensorRT-5.0.2.6` 进入tensorRT目录
4. `source env.sh` 配置环境变量
5. 目录说明

```
.
├── bin                # C++例程文件
├── data              # 测试数据
├── doc               # 开发文档
├── graphsurgeon      # tensorRT graphsurgeon包
├── include           # 头文件
├── lib -> targets/x86_64-linux-gnu/lib      # TensorRT动态库
├── python            # TensorRT Python包
├── samples -> targets/x86_64-linux-gnu/samples # 例程
├── targets           # 例程文件
└── uff              # TensorRT uff包
```

6. 运行C++例程

```
(tensorRT) [root@YX64 bin]# ./sample_onnx_mnist_debug
-----
Input filename:    ../../../../data/mnist/mnist.onnx
ONNX IR version:  0.0.3
Opset version:    1
Producer name:    CNTK
Producer version: 2.4
Domain:
Model version:    1
Doc string:
-----
----- Parsing of ONNX model ../../../../data/mnist/mnist.onnx is Done -----
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Prob 2 0.0000 Class 2:
Prob 3 0.0000 Class 3:
Prob 4 0.0000 Class 4:
Prob 5 0.0000 Class 5:
Prob 6 0.0000 Class 6:
Prob 7 0.0000 Class 7:
Prob 8 1.0000 Class 8: *****
Prob 9 0.0000 Class 9:

```

7. Python使用tensorRT

```

import tensorrt as trt
print(trt.__version__)
# 5.0.2.6

```

8. source deactivate 退出虚拟环境