

# python3操作hive

python3操作hive用官网开发的impyla包

Centos7安装Python3

参考: <https://www.cnblogs.com/FZfangzheng/p/7588944.html>

## python3操作hive

参考: <https://blog.csdn.net/suzvul2345/article/details/79456189>

```
sudo yum install cyrus-sasl-devel
```

```
sudo yum install gcc-c++
```

服务器不能上网, 用代理安装

```
pip3.5 install -i http://192.168.25.200/ali --trusted-host 192.168.25.200
```

```
thrift-sasl==0.2.1
```

```
pip3.5 install -i http://192.168.25.200/ali --trusted-host 192.168.25.200
```

```
sasl
```

```
pip3.5 install -i http://192.168.25.200/ali --trusted-host 192.168.25.200
```

```
impyla
```

示例:

```
#!/usr/bin/env python
```

```
 -*- encoding: utf8 -*-
```

```
from impala.dbapi import connect
```

```
# 需要注意的是这里的auth_mechanism必须有, 但database不必须
```

```
conn = connect(host='192.168.81.201', port=10001, database='xy_dm',  
user='xxx', password='xxx', auth_mechanism='PLAIN')
```

```
cur = conn.cursor()
```

```
cur.execute('SHOW DATABASES')
```

```
print(cur.fetchall())
```

```
cur.execute('SHOW Tables')
```

```
print(cur.fetchall())
```

```
cur.close()
```

```
conn.close()
```