python操作impala

官网说明：<u>https://github.com/cloudera/impyla</u>

yum install gcc-c++ python-devel.x86_64 cyrus-sasl-devel.x86_64 cyrus-sasl-plain

（Ubuntu `sudo apt-get install libsasl2-dev` 就可以了）

安装pip

$ sudo yum install python-pip

pip3.5 install six

pip3.5 install bit_array

pip3.5 install thrift

pip3.5 install thrift_sasl==0.2.1


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

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

```python
conn = connect(host='10.0.19.48', port=21050, database='bf_hpt' , user='yarn',
password='baofoo@64',auth_mechanism='PLAIN')
cur = conn.cursor()


cur.execute('SHOW DATABASES')
print(cur.fetchall())


cur.execute('SHOW Tables')
print(cur.fetchall())


cur.close()
conn.close()
```

ubunt版本参考：

https://blog.csdn.net/gamer_gyt/article/details/52564335

方法二： 用odbc的方式操作

安装cloudera官网的odbc驱动 ClouderaImpalaODBC64.msi

注意用64位的python

```python
import pyodbc


cfg = {'username':'yarn', 'password':'baofoo@64','database':'default','dsn':'Sample
Cloudera Impala DSN'}
connString = '''DSN={3};UID={0};PWD={1};Database=
{2}'''.format(cfg['username'],cfg['password'],cfg['database'],cfg['dsn'])
pyodbc.autocommit = True
conn = pyodbc.connect(connString, autocommit = True)
cursor = conn.cursor()


cursor.execute("SELECT code, description, total_emp, salary FROM sample_07 limit 10")
```

```
for row in cursor:
    print(row.code, row.description)
```

window **python连接impala（安装impyla）** --测试没有成功

https://www.cnblogs.com/dotafeiying/p/6956265.html