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python网络编程-数据库

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连接Mysql

```
#!/usr/bin env python

import MySQLdb

print "Connnecting..."
dbh=MySQLdb.connect(user="root",passwd="test",host="localhost",db="test")
print "Connection successful"
dbh.close()
```

一次多条插入

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

rows=(('2','two'),
      ('3','three'))


print "connecting...."

dbh=MySQLdb.connect(host="localhost",user="root",passwd="test",db="test")

print "connection successed"

cur=dbh.cursor()

query="insert into test values(%s,%s)"
for i in rows:
  cur.execute(query,i)
dbh.commit()
dbh.close()
```

一次接收返回的结果：

```
#!/usr/bin env python

import MySQLdb

dbh=MySQLdb.connect(db="test",user="root",passwd="test")
print "connection successful"

cur=dbh.cursor()

cur.execute("select * from test")

rows=cur.fetchall()

for i in rows:
```

```
  print i

dbh.close()
```

多次接收结果：

```
#!/usr/bin env python

import MySQLdb

dbh=MySQLdb.connect(db="test",user="root",passwd="test")
print "connection successful"

cur=dbh.cursor()

cur.execute("select * from test")
cur.arraysize=2
while 1:
  rows=cur.fetchmany()
  print "%d results" % len(rows)
  if not len(rows):
    break
  for i in rows:
   print i

dbh.close()
```

一次接收一行结果：

```
#!/usr/bin env python

import MySQLdb

dbh=MySQLdb.connect(db="test",user="root",passwd="test")
print "connection successful"

cur=dbh.cursor()

cur.execute("select * from test")
cur.arraysize=2
while 1:
  rows=cur.fetchone()
  if rows is None:
    break
  print rows


dbh.close()
```

行计数：

```
#!/usr/bin env python

import MySQLdb

dbh=MySQLdb.connect(db="test",user="root",passwd="test")
print "connection successful"

cur=dbh.cursor()
```

```
cur.execute("select * from test")
cur.fetchone()

print "%d" % cur.rowcount

dbh.close()
```

表信息：

```
#!/usr/bin env python

import MySQLdb

dbh=MySQLdb.connect(db="test",user="root",passwd="test")
print "connection successful"

cur=dbh.cursor()

cur.execute("select * from test")
cur.arraysize=2
while 1:
  rows=cur.fetchone()
  if rows is None:
    break
  print rows

for i in cur.description:
  name,type_code,display_size,internal_size,precision,scale,null_=ok=i

  print "Column name:",name
  print "Type code",type_code
  print "display_size",display_size




dbh.close()
```