

Neo4j 安装

下载 Neo4j

1. 访问 neo4j 官网下载，官网地址：<https://neo4j.com/>

企业服务器	社区服务器	Neo4j 桌面
Neo4j企业版3.5.13 2019年11月27日 发行说明 阅读更多		
操作系统	下载	
Linux / Mac	Neo4j 3.5.13 (焦油) SHA-256	
视窗	Neo4j 3.5.13 (zip) SHA-256	

2. 访问微云数据主页：<http://we-yun.com/index.php/blog/releases-56.html>，提供国内 ftp 下载地址：<ftp://neo4j.55555.io/neo4j/3.5.6/>

安装

```
tar zxvf neo4j-community-3.5.6-unix.tar.gz -C ../servers/
```

```
cd /export/servers/neo4j-community-3.5.6/  
vim conf/neo4j.conf
```

```
dbms.connectors.default_listen_address=0.0.0.0  
dbms.connectors.default_advertised_address=0.0.0.0
```

```
54 dbms.connectors.default_listen_address=0.0.0.0  
55  
56 # You can also choose a specific network interface, and configure a r  
57 # port for each connector, by setting their individual listen_addres  
58  
59 # The address at which this server can be reached by its clients. Thi  
60 # it may be the address of a reverse proxy which sits in front of the  
61 # individual connectors below.  
62 dbms.connectors.default_advertised_address=0.0.0.0  
63
```

```
vi /etc/profile
```

```
export NEO4J_HOME=/export/servers/neo4j-community-3.5.6  
export PATH=$NEO4J_HOME/bin:$PATH
```

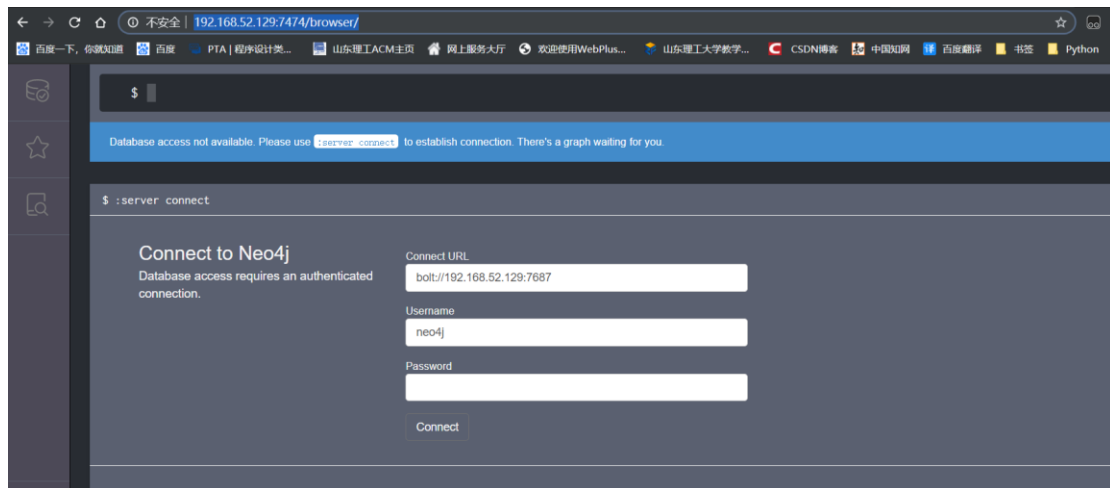
```
source /etc/profile
```

启动 neo4j 服务

```
neo4j start
```

访问 web

<http://192.168.52.129:7474/browser/>



登录界面默认填充了用户名 neo4j。

输入默认密码 neo4j 后，修改密码 123456，进入 neo4j

Python 访问 Neo4j

安装驱动

```
pip install neo4j-driver
```

导包

```
from neo4j import GraphDatabase
```

建立连接

```
driver=GraphDatabase.driver("bolt://192.168.52.129",auth=("neo4j",  
"123456"))  
session = driver.session()
```

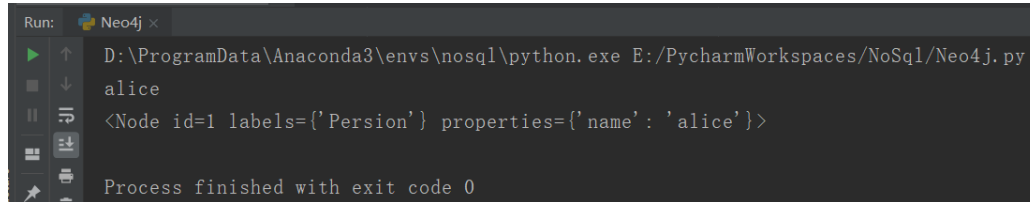
传递 Cypher 语句

```
session.run("CREATE (a:Persion {name:'alice'})")  
result=session.run("MATCH (a:Persion) RETURN a.name")  
for i in result:  
    print(i['a.name'])
```

```
result = session.run("MATCH (a:Persion) RETURN a")
for i in result:
    print(i['a'])
```

关闭连接

```
session.close()
```

The image shows a PyCharm Run console window. The title bar says "Run: Neo4j x". The console output shows the execution of a Python script. The first line is the command prompt "D:\ProgramData\Anaconda3\envs\nosql\python.exe E:/PycharmWorkspaces/NoSql/Neo4j.py". The second line is the output "alice". The third line is the output "<Node id=1 labels={'Persion'} properties={'name': 'alice'}>". The fourth line is the output "Process finished with exit code 0". On the left side of the console, there is a vertical toolbar with icons for running, debugging, and other actions.

```
Run: Neo4j x
D:\ProgramData\Anaconda3\envs\nosql\python.exe E:/PycharmWorkspaces/NoSql/Neo4j.py
alice
<Node id=1 labels={'Persion'} properties={'name': 'alice'}>
Process finished with exit code 0
```