



**CHARLES
SEVERANCE**

Code Sample

twspider.py

<https://www.py4e.com/code3.zip>

Chapter 15

**PYTHON
FOR EVERYBODY**

twfriends.py — /Applications/MAMP/htdocs/py4e/code3

socket1.py
socket2.py
soft.py
spamave.py
tracks.zip
tryexcept.py
trynum.py
twdump.py
twfriends.py
twitter1.py
twitter2.py
twjoin.py
twspider.py
twtest.py
twurl.py
txtcheck.py
txtcheck2.py
txtcheck3.py
txtcount.py
txtdelete.py
txtmd5.py
txtsize.py
urljpeg.py
urllib1.py
urllib2.py

```
twfriends.py
1 import urllib.request, urllib.parse, urllib.error
2 import twurl
3 import json
4 import sqlite3
5 import ssl
6
7 TWITTER_URL = 'https://api.twitter.com/1.1/friends/list.json'
8
9 conn = sqlite3.connect('friends.sqlite')
10 cur = conn.cursor()
11
12 cur.execute('''CREATE TABLE IF NOT EXISTS People
13              (id INTEGER PRIMARY KEY, name TEXT UNIQUE, retrieved INTEGER)''')
14 cur.execute('''CREATE TABLE IF NOT EXISTS Follows
15              (from_id INTEGER, to_id INTEGER, UNIQUE(from_id, to_id))''')
16
17 # Ignore SSL certificate errors
18 ctx = ssl.create_default_context()
19 ctx.check_hostname = False
```

twfriends.py 67:1

LF UTF-8 Python master +20, -4

Remember, that the file hidden.py,

Select Language

UTF-8

Atom File Edit View Selection Find Packages Window Help

twfriends.py — /Applications/MAMP/htdocs/py4e/code3

```
twfriends.py
1 import urllib.request, urllib.parse, urllib.error
2 import twurl
3 import json
4 import sqlite3
5 import ssl
6
7 TWITTER_URL = 'https://api.twitter.com/1.1/friends/list.json'
8
9 conn = sqlite3.connect('friends.sqlite')
10 cur = conn.cursor()
11
12 cur.execute('''CREATE TABLE IF NOT EXISTS People
13              (id INTEGER PRIMARY KEY, name TEXT UNIQUE, retrieved INTEGER)''')
14 cur.execute('''CREATE TABLE IF NOT EXISTS Follows
15              (from_id INTEGER, to_id INTEGER, UNIQUE(from_id, to_id))''')
16
17 # Ignore SSL certificate errors
18 ctx = ssl.create_default_context()
19 ctx.check_hostname = False
```

twfriends.py 67:1 LF UTF-8 Python master +20, -4

but I'm not going to open it because I've got my keys and secrets in it.

twfriends.py — /Applications/MAMP/htdocs/py4e/code3

gmane.zip
grade.py
greet.py
grep.py
hidden.py
intro-short.txt
intro.txt
json1.py
json2.py
largest.py
lyrics.py
mailcount.py
mailtop.py
mbox-short.txt
mbox.txt
notry.py
oauth.py
open.py
pagerank.zip
pals.py
party.py
party1.py
party2.py
party3.py

```
twfriends.py
1 import urllib.request, urllib.parse, urllib.error
2 import twurl
3 import json
4 import sqlite3
5 import ssl
6
7 TWITTER_URL = 'https://api.twitter.com/1.1/friends/list.json'
8
9 conn = sqlite3.connect('friends.sqlite')
10 cur = conn.cursor()
11
12 cur.execute('''CREATE TABLE IF NOT EXISTS People
13              (id INTEGER PRIMARY KEY, name TEXT UNIQUE, retrieved INTEGER)''')
14 cur.execute('''CREATE TABLE IF NOT EXISTS Follows
15              (from_id INTEGER, to_id INTEGER, UNIQUE(from_id, to_id))''')
16
17 # Ignore SSL certificate errors
18 ctx = ssl.create_default_context()
19 ctx.check_hostname = False
```

twfriends.py 67:1

LF UTF-8 Python master +20, -4

you've got to edit that,

Select Language UTF-8

Atom File Edit View Selection Find Packages Window Help

twfriends.py — /Applications/MAMP/htdocs/py4e/code3

```
twfriends.py
1 import urllib.request, urllib.parse, urllib.error
2 import twurl
3 import json
4 import sqlite3
5 import ssl
6
7 TWITTER_URL = 'https://api.twitter.com/1.1/friends/list.json'
8
9 conn = sqlite3.connect('friends.sqlite')
10 cur = conn.cursor()
11
12 cur.execute('''CREATE TABLE IF NOT EXISTS People
13              (id INTEGER PRIMARY KEY, name TEXT UNIQUE, retrieved INTEGER)''')
14 cur.execute('''CREATE TABLE IF NOT EXISTS Follows
15              (from_id INTEGER, to_id INTEGER, UNIQUE(from_id, to_id))''')
16
17 # Ignore SSL certificate errors
18 ctx = ssl.create_default_context()
19 ctx.check_hostname = False
```

twfriends.py 67:1 LF UTF-8 Python master +20, -4

and you got to go to apps.twitter.com and get your keys and put them in there.