Daily 17 - Twisted 2

Due April 20th, 2016

CSE332 Programming Paradigms, Spring 2016

Overview Write a "server" to go along with the "client" you wrote last time. Previously, you wrote a little client program that issued a GET request to student02.cse.nd.edu port 40001. Modify that client program to instead issue the GET request to your assigned port (the same one you used for the CherryPy assignment). Except now, do NOT run your own CherryPy server. Instead, write an event-driven server in Twisted that prints out any data it receives. On your client, add a line of code to close the connection after sending the request. Your server and client should both exit when the connection closes.

Remember that you would run your server first in one SSH connection console window, then your client in another one. Here's a demonstration of what it would look like. First the server:

```
$ python d17-B.py
```

The server will sit there and block until you run your client:

```
$ python d17-A.py
new connection made to localhost port 8008
lost connection to localhost port 8008
$
```

And after running your client, the server will look something like this (host and port might be different):

```
$ python d17-B.py
connection received from  IPv4Address(TCP, '127.0.0.1', 40526)
data received: GET /movies/32 HTTP/1.0


connection lost from  IPv4Address(TCP, '127.0.0.1', 40526)
$
```

Turn-in Package your source code into a zip or tar.gz archive and submit it to prog. paradigms.secN.sp16@gmail.com. If you have only one source file, archiving is optional.