

## HTTP Client

### Terminal

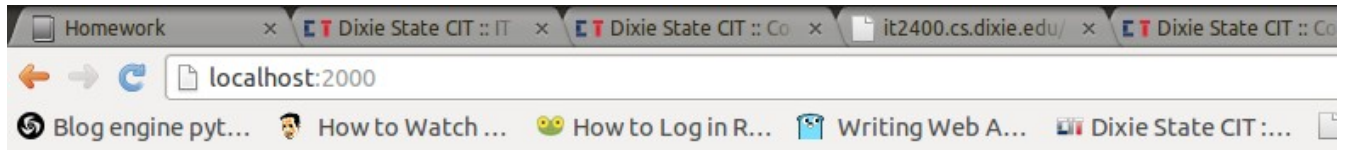
```
nate@laptop: ~  
nate@robbie: ~  
nate@laptop: ~$ socket it2400.cs.dixie.edu 80  
GET /index.html  
<html>  
<body>  
<p>Yes!!! This is the page that you should download via the socket command. If you got here by visiting  
a browser, you get a gold star, but that is not what the assignment wanted you to do. Please redo, but  
within a socket.  
  
</p>  
</body>  
</html>  
nate@laptop:~$
```

## HTTP Server

### Terminal

```
nate@laptop: ~  
nate@laptop: ~/school/cs3005/assignments/shapes  
nate@laptop:~$ socket -s 2000  
GET / HTTP/1.1  
Host: localhost:2000  
Connection: keep-alive  
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8  
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.22 (KHTML, like Gecko) Chrome/25.0.1364.97 S  
afari/537.22  
Accept-Encoding: gzip,deflate,sdch  
Accept-Language: en-US,en;q=0.8  
Accept-Charset: ISO-8859-1,utf-8;q=0.7,*;q=0.3  
  
HTTP/1.1 200 OK  
Content-Type: text/html  
  
<html><body><h1>Nate Armstrong: IT2400 Sockets</h1></body></html>  
  
^C  
Interrupt occured, exiting  
nate@laptop:~$
```

## Browser



# Nate Armstrong: IT2400 Sockets

## SMTP

## Terminal

```
nate@laptop: ~  
nate@laptop: ~  
nate@laptop:~$ socket mail.cs.dixie.edu  
Usage: socket [-bclqrw] [-B local ip] [-p prog] {{-s|host} port | [-s] /path}  
nate@laptop:~$ socket mail.cs.dixie.edu 25  
MAIL FROM: 220 *****  
<natearmstrong2@gmail.com>  
250 OK  
RCPT TO:<it2400@cs.dixie.edu>  
250 Accepted  
DATA  
354 Enter message, ending with "." on a line by itself  
From: "Nate Armstrong" <natearmstrong2@gmail.com>  
To: "Joe Francom" <it2400@cs.dixie.edu>  
Subject: SMTP assignment  
  
This is an email for IT 2400 being sent from socket. I am a CIT Major. - Nate Armstrong  
  
.  
250 OK id=1UIp8A-0002Mz-OU  
QUIT  
221 mail.cs.dixie.edu closing connection  
nate@laptop:~$
```

Browser – My email on the email list showing that the email was sent successfully.

reaction@GAndgnet.com	2013-03-21 15:42:00
natearmstrong2@gmail.com	2013-03-21 17:44:42

If it doesn't show up here, make sure that you are putting the subject: smtp assignment IMMEDIATELY after the DATA line

Make sure you have addressed it to it2400@cs.dixie.edu

Even if it does show up here, unless you have done first@lastname.com, you have done it incorrectly.

## DNS 1

My dig commands were timing out. Not sure what I was doing wrong.

```
nate@laptop: ~  
nate@laptop: ~/school/cs3005  
nate@laptop:~$ dig @m.root-servers.net www.idiominc.com  
  
; <<>> DiG 9.8.1-P1 <<>> @m.root-servers.net www.idiominc.com  
; (1 server found)  
;; global options: +cmd  
;; connection timed out; no servers could be reached  
nate@laptop:~$
```

## DNS 2

I setup an OpenDNS account just fine and configured the my virtual Windows machine's internet settings like they explained but my Windows machine has not connected to the internet since the last assignment.

