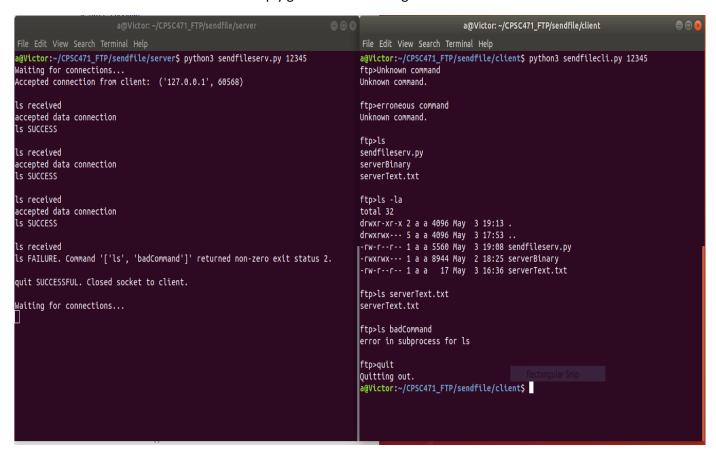
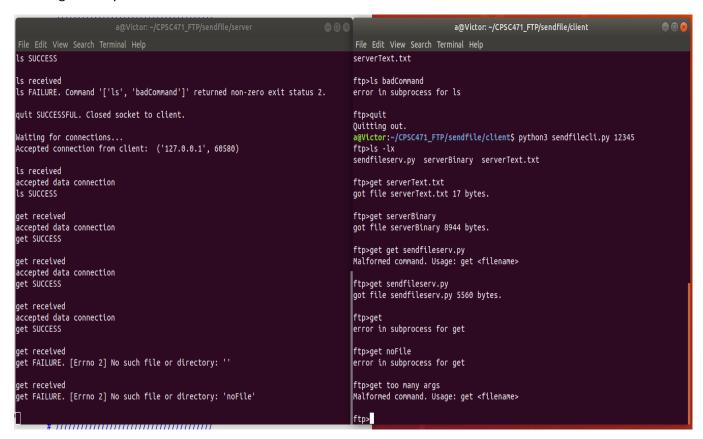
CPSC 471 FTP Report

Here we'll see a few demonstrations of the FTP program in operation. On the left is the server, on the right is the client. These images show a connection by the client, a few erroneous commandsd, several ls commands, and a quit. Note that some of the ls commands have legitimate options, while others do not. Once the client disconnects the server simply goes back to waiting for more connections.



Here we see the client reconnect to the same server instance, use Is, then get a number of files. Some of the calls are to nonexistent files, some have too many or too few arguments. Note that the client is even able to get binary files.



And finally, here we see set in action. The client connects, checks the files on the server, sets several files, including a binary file, and then checks the files on the server. Note that some of the set commands are erroneous and handled by the program.

a@Victor: ~/CPSC471_FTP/sendfile/server	a@Victor: ~/CPSC471_FTP/sendfile/client
File Edit View Search Terminal Help	File Edit View Search Terminal Help
Waiting for connections Accepted connection from client: ('127.0.0.1', 47496)	total 24 -rw-rr 1 a a 5560 May 3 19:08 sendfileserv.py -rwxrwx 1 a a 8944 May 2 18:25 serverBinary
ls received accepted data connection	-rw-rr 1 a a 17 May 3 16:36 serverText.txt
ls SUCCESS Waiting for second socket connections	ftp>set Malformed command. Usage: set <filename></filename>
Accepted second connection from client: ('127.0.0.1', 45756)	ftp>set too many args Malformed command. Usage: set <filename></filename>
Data written to file: clientText.txt set SUCCESS.	<pre>ftp>set clientText.txt Set command. Sending message set file clientText.txt 17 bytes.</pre>
Waiting for second socket connections Accepted second connection from client: ('127.0.0.1', 56348)	ftp>set clientBinary Set command. Sending message
Data written to file: clientBinary	set file clientBinary 8944 bytes.
set SUCCESS.	<pre>ftp>set sendfilecli.py Set command. Sending message set file sendfilecli.py 4460 bytes.</pre>
Waiting for second socket connections Accepted second connection from client: ('127.0.0.1', 40106)	ftp>ls -l
Data written to file: sendfilecli.py	total 48 -rw-rr 1 a a 8944 May 3 19:43 clientBinary
set SUCCESS.	-rw-rr 1 a a 17 May 3 19:43 clientText.txt -rw-rr 1 a a 4460 May 3 19:44 sendfilecli.py -rw-rr 1 a a 5560 May 3 19:08 sendfileserv.py
accepted data connection ls SUCCESS	-rwxrwx 1 a a 8944 May 2 18:25 serverBinary -rw-rr 1 a a 17 May 3 16:36 serverText.txt
1	ftp>