Download file from server to client

client

server

"ftp >get <file name>"

send get <file name>

"Get command received.
Prepare to send file

open a temp socket
listen for connection
on ephemeral port

Send ephemeral port

Open a socket
on ephemeral
port

Connect to port # <ephemeral_port>

Connect to server

Accept connection

Send <file name> from client

Sending file

Finish downloading <file name>,<file size>

Closing socket

Successfully sent!

Close

Close