MyTftpd

Deadline: October 17th, 2014

1 Instructions

Implement a server program for the TFTP protocol (RFC 1350).
Your program must match the following documentation:

```
Usage: mytftpd [ADDR] [PORT]

Start serving the current directory over TFTP.

If ADDR is specified, bind to that address only.
If both ADDR and PORT are specified, bind to the specified port.
```

- Your server must reject requests for transfering files outside of the current directory.

- You may restrict your implementation to support only the "octet" transfer mode.

- You may use any standard C function (either from ISO C 1999/2011 or POSIX).

- You may not use `system` or any other mechanism that invokes an external program.

For extra credits you may implement RFC 2348 or 2349 to support file sizes greater than 32MB.

2 Grading

- 7 points if your program `mytftpd` works without arguments, and can answer simple `get` or `put` commands from a standard TFTP client.

- +1 point if your program can bind to the address and port number specified on the command line.

- +2 point if your program can transfer files larger than 32MB.

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3 Copyright and licensing