

server(1)()

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NAME

server - A simple server program for accepting connections by clients

SYNOPSIS

server {PORTNUMBER}

DESCRIPTION

server Run this program to start up a server where PORT NUMBER is the port number you specify for the server to take. It will then wait up to 30s for connections by a client to give it jobs to do. It will then output logs to an output file of the format <hostname>.<pid> in the same directory. It will also handle multiple clients connecting at once (up to 10 in the waiting queue).

Follows standard protocol for connecting:

1. socket()
2. bind()
3. listen()
4. poll()
5. connect()
6. write()/read() to client
7. close()

After execution, the server will wait for 30s before exiting and writing the summary of all jobs done to the output file.

EXAMPLES

server 8888

REQUIRED FILES

serverwriter.cpp

tands.c

AUTHOR

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CREDITS

<https://www.binarytides.com/server-client-example-c-sockets-linux/> for the initial/base code for the concurrent server

SEE ALSO

client(1)