

FTP Server PWD

Description:

You are tasked to implement an FTP server in Python, which uses the `select` module for handling multiple client connections in a non-blocking fashion. The server supports FTP commands such as `USER`, `PASS`, `PWD`, and `QUIT`, and handles each command appropriately based on the provided input. You must ensure that the server correctly handles each command and the correctness of its `zlib` compression/decompression processes, manages client connections appropriately, and handles errors such as incorrect command formats or attempting to delete non-existent files.

Input:

Your input will be a series of commands sent to the FTP server through unit tests, simulating different client interactions. For each command, it uses the `zlib` compression. The difference with the usual FTP server is that you need to compress the data before you send it.

Constraints:

- Commands are ASCII encoded and end with `\r\n` and you need to compress them with `zlib`.

Output (with unit test)

```
Listening on 127.0.0.1:2000
Received command: PASS valid_password
Listening on 127.0.0.1:2000
Received command: PWD
Listening on 127.0.0.1:2000
Received command: QUIT
Listening on 127.0.0.1:2000
Received command: UNKNOWN_COMMAND
Listening on 127.0.0.1:2000
Received command: USER valid_username
```