

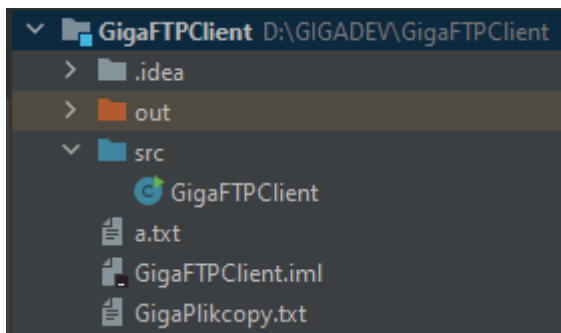
GigaFtp - Example Java FTP like server

Requirements

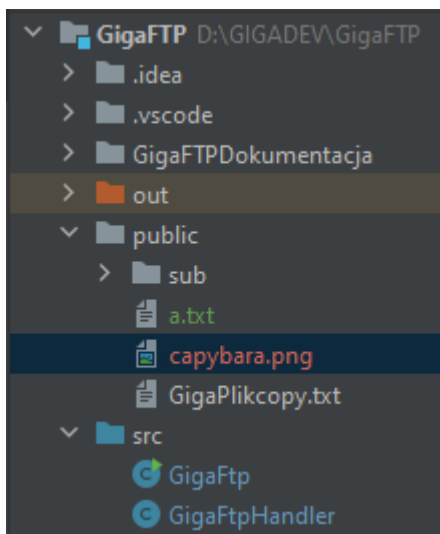
- Java: 8

Project files

Client



Server



Available commands

- USER
- PASS
- PORT
- QUIT
- RMD
- MKD
- DELE
- RETR>
- CDUP
- CWD
- PWD
- LIST

Default FTP user and password

User: user

Password: 1234

Example usage: Server

Run GigaFTP

All files and subfolders in "public" folder of the server will be hosted



Example usage: Client

Connecting

Run GigaFTPClient and perform authorization steps:

Type USER and wait for response,

Then type username "user":

```
ftp> USER  
214 Command USER:  
ftp> user
```

Type PASS and wait for response,

Then type password "1234":

```
331 User name okay, need password.  
  
ftp> PASS  
214 Command PASS:  
ftp> 1234
```

Type PORT and wait for response,

Then set Active Mode for port "3020":

```
ftp> PORT  
214 Command PORT:  
ftp> 3091  
200 PORT command successful.
```

FTP Commands example

Now you can retrieve files correctly, you can use supported commands for example:

PWD:

```
ftp> PWD
257 "./public" is current directory.
```

CWD:

```
ftp> CWD
214 Command CWD:
ftp> sub
250 Directory successfully changed.

ftp> PWD
257 "./public/sub" is current directory.

ftp>
```

LIST:

```
ftp> LIST
150 Here comes the directory listing.

a.txt
copybara.png
GigaPlikcopy.txt
sub
226 Directory send OK.
```

RETR:

```
ftp> RETR
214 Command RETR:
ftp> copybara.png
150 Opening BINARY mode data connection for copybara.png

125 Data connection already open; transfer starting.
Saving file to copybara.png
226 Transfer complete.
```

QUIT:

```
ftp> QUIT
221 Goodbye.
```