

Access to Andrew Rich's FTP server

You will required to FTP (File Transfer Protocol) a file(s) up to the server.

Once uploaded, the file will be available at the URL

<http://www.tech-software.net/temp>

Please use the following commands

01. Create a folder and place your file in that folder for example c:\for_andrew and copy your file into this directory
02. Open a DOS window - Start, Run "cmd"
03. At the DOS prompt, change into your newly made folder "cd \for_andrew"
04. This should place you in the directory containing your file.
05. Next start the ftp session by typing "ftp ftp.tech-software.net"
06. You will be asked to put in a username which is "temp@tech-software.net"
07. And password is "password1234"
08. You will be then presented with a prompt
09. You can use pwd (present working directory) or dir (dircetory listing) to see what is on the server.
10. Best to select "bin" for the transfer method (as opposed to ASCII)
11. prompt off (stops the system from asking you each time you want to transfer a file)
12. If you have one file, you can use "put" if you have many files you can use "mput"
13. Use a dir to confirm your file
14. View the file listing at "<http://www.tech-software.net>"

Some examples of the put and mput command.

```
put andrew_linux.iso  
mput andrew*
```

Sample session :-

```
linux:~ # ftp ftp.tech-software.net  
Connected to ftp.tech-software.net.  
220----- Welcome to Pure-FTPd [privsep] [TLS] -----  
220-You are user number 8 of 50 allowed.  
220-Local time is now 02:43. Server port: 21.  
220-This is a private system - No anonymous login  
220-IPv6 connections are also welcome on this server.  
220 You will be disconnected after 15 minutes of inactivity.  
Name (ftp.tech-software.net:root): temp@tech-software.net  
331 User temp@tech-software.net OK. Password required  
Password:password1234  
230 OK. Current restricted directory is /  
Remote system type is UNIX.  
Using binary mode to transfer files.  
ftp> pwd  
257 "/" is your current location?Invalid command.  
ftp> bin
```

```
200 TYPE is now 8-bit binary
ftp> prompt off
Interactive mode off.
ftp> put LINUX_FILE.iso
local: LINUX_FILE.iso remote: LINUX_FILE.iso
500 Unknown command
227 Entering Passive Mode (72,52,250,172,225,35)
150 Accepted data connection
226 File successfully transferred
ftp> dir
227 Entering Passive Mode (72,52,250,172,12,252)
150 Accepted data connection
drwxr-xr-x  2 techenet  techenet      4096 May 17 02:55 .
drwxr-xr-x  2 techenet  techenet      4096 May 17 02:55 ..
-rw-r--r--  1 techenet  techenet         0 May 17 02:55 LINUX_FILE.iso
226-Options: -a -l
226 3 matches total
ftp> quit
```

Some handy FTP commands

- pwd - present working directory
- cd - change directory (on server)
- lcd - local change directory
- dir - directory listing (on server)
- prompt - toggle prompting on and off
- put - upload a single file
- mput - upload many files
- quit - exit ftp session
- user - if you stuff up your login and you are the ftp prompt - type "user <username>"
- mkdir - make a new directory on the server
- help - list ftp commands
- get - get a single file from the server
- mget - get many files from the server
- binary - set transfer method to binary mode
- ascii - set transfer method to ascii
- type - see what transfer method is currently active binary or ascii

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