

# Linux - FTP Using Bash

## Example of simple bash script ftp client

This script first defines variables such as hostname of the ftp server, username and password and then it creates an ftp session and uploads the specified file into your selected directory:

```
#!/bin/bash

ftp_site=127.0.0.1
username=ftpuser
passwd=pass

PS3='Select a destination directory: '

# bash select
select path in "." "/test" "public_html/myblog/" "backup/images/"
do
ftp -n $ftp_site<<EOF
quote USER $username
quote PASS $passwd
binary
cd $path
put $1
quit
EOF
break
done
```

Be sure to edit the `ftp_site`, `username`, and `passwd` variables above. You should also change the paths to whichever directories you most commonly upload your files to.

Executing the script:

```
$ chmod +x ftp_bash_script.sh
```

```
$ ./ftp_bash_script.sh file1
```

Example script output:

```
$ ./ftp_bash_script.sh somerandomfile
```

```
1) .
```

```
2) /test
```

```
3) public_html/myblog/
```

```
4) backup/images/
```

```
Select a destination directory: 2
```

```
Connected to 127.0.0.1.
```

```
220 (vsFTPd 3.0.5)
```

```
331 Please specify the password.
```

```
230 Login successful.
```

```
200 Switching to Binary mode.
```

```
250 Directory successfully changed.
```

```
local: somerandomfile remote: somerandomfile
```

```
229 Entering Extended Passive Mode (|||10078|)
```

```
150 Ok to send data.
```

```
0      0.00 KiB/s
```

```
226 Transfer complete.
```

```
221 Goodbye.
```

---

Revision #2

Created 31 August 2024 17:13:16 by Steve Ling

Updated 6 October 2024 20:54:37 by Steve Ling