
Subject: Re: SSH package for U++

Posted by [alkema_jm](#) on Sat, 02 Dec 2017 08:29:15 GMT

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Hello Oblivion,

> We already have HTTP(S)(HttpRequest class does that) and FTP(S).

Ok.

> Have you looked at the FTP package that I wrote? (

https://www.ultimatepp.org/forums/index.php?t=msg&th=889_9&goto=43053&#msg_43053)

No, but I looked now.

>- Support for extending the functionality of Ftp class, using the low-level SendCommand() method.

I think that SendCommand has other meaning then the SendCommand of the FileZilla engine. FileZilla sends commands to the loaded executable Fzftp.exe. Fzftp.exe is derived from Putty project.

> It covers FTP, and FTPS (FTP over explicit TLS/SSL). Check the video too. It shows what it is capable of: (<https://vimeo.com/214530673>)

Seems good implementation. Video doesn't have sound/speech.

> FTP class I mentioned above contains an example called FtpBrowser. That example will eventually evolve into a MultiBrowser (FTP(S)/SFtp/HTTP(S)) after I finalized the SSH package. (In fact it contains a package called BrowserCtrl, which is meant to be a gui-frontend for filesystem-agnostic file browsers).

Ok. You implement what other (platforms) already have. I think it is better to implement something new, for example TOR integration. I put 'all' TOR code in 1 file (207329 lines of cpp code).

> The only protocol we seem to lack is StorJ, which is not really hard to implement. Maybe I should add it to my Todo list.

Oblivion, Is it possible to add t (for Tor) after protocol Info name, Like 'sftpt' for sftp over TOR network:

I don't know how to go to TOR implementation. Implement Libssh2 routines to the TOR implementation. I have not studie. Maybe put packets on TOR-socket?

> So while I'm not going to port filezilla to U++ (it'll need a lot of work), I'll come up with a simpler remote file browser demo.

I am trying to make a proof of concept of separate Filezilla in three parts. GUI, engine and infrastructure code.

Greetings Jan Marco

File Attachments

1) [sftp_over_tor_network.jpg](#), downloaded 1476 times
