Subject: Re: SSH package for U++
Posted by Oblivion on Sat, 07 Apr 2018 14:25:49 GMT

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Hello all,

SSH package and examples are updated.
There are some small improvements and a small change:

- Blocking and non-blocking behaviour is now very similar to TcpSocket's.
- IsBlocking(), IsWorking() methods are added.
- WhenDo replaced with WhenWait, and WaitStep() method is added

Upcoming version will break the interface slighlty, I'm afraid. This will be a final breakage, as I am also going to declare the package a beta stage library.
Almost all of the issues are resolved, and last bits are going to be resovled -hopefully- with the next version.
SSH package is currently very stable though.

Yet, as with the Ftp, I will also move this version of the SSH into the Attic foder, and maintain it for some time.

I am going to make the following changes:

  Remove progress gate parameters in the getters and putters, and replace them with a single WhenProgress gate.
- Add WhenContent: Consumer function for incoming data transfers.

  Change the Async (multithreaded) getters and putters:
- They will have progress gates with three-parameteres (id, done, total), instead of two. This proved more useful.
- They will use a URL similar to the one I use in the new version of FTP package.
- Additional variants for async functions, which will use One<Stream> and picks input data (for outgoing transfers).

- Update libssh2, as it has seen some activitiy, and gained new ciphers.

GIT repo: https://github.com/ismail-yilmaz/upp-components/tree/master/ Core/SSH
Examples: https://github.com/ismail-yilmaz/upp-components/tree/master/ Examples

Best regards,

Oblivion.