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Subject: Re: SFTP or full SSH2 support for U++?  
Posted by [Tom1](#) on Sat, 01 Jul 2017 15:35:39 GMT  
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Hi Oblivion,

Thanks! Here are the quick results:

I tried to compile your packages on Windows 10 Pro 32 bit with MSC14. I just copied all your packages to bazaar (locally). (Running on top of upp rev. 10804.)

When compiling, I got the following errors and warnings for SSH:

----- SSH ( MSC14 MSC WIN32 ) ( 2 / 6 )

Ssh.cpp

C:\upp-10804\bazaar\SSH\Ssh.cpp(28): error C2143: syntax error: missing ';' before '.'

C:\upp-10804\bazaar\SSH\Ssh.cpp(28): error C2059: syntax error: '.'

C:\upp-10804\bazaar\SSH\Ssh.cpp(35): error C2059: syntax error: '.'

C:\upp-10804\bazaar\SSH\Ssh.cpp(46): error C2143: syntax error: missing ';' before '.'

C:\upp-10804\bazaar\SSH\Ssh.cpp(46): error C2059: syntax error: '.'

Channel.cpp

C:\upp-10804\bazaar\SSH\Channel.cpp(134): warning C4244: '=': conversion from 'Upp::int64' to 'int', possible loss of data

SFtp.cpp

C:\upp-10804\bazaar\SSH\SFtp.cpp(269): warning C4244: 'argument': conversion from 'Upp::int64' to 'int', possible loss of data

C:\upp-10804\bazaar\SSH\SFtp.cpp(269): warning C4244: 'argument': conversion from 'Upp::int64' to 'std::size\_t', possible loss of data

C:\upp-10804\bazaar\SSH\SFtp.cpp(277): warning C4554: '&': check operator precedence for possible error; use parentheses to clarify precedence

c:\upp-10804\bazaar\ssh\ssh.h(165) : error C4716: 'Upp::SFtp::StartGetStat': must return a value

c:\upp-10804\bazaar\ssh\ssh.h(174) : error C4716: 'Upp::SFtp::StartRealPath': must return a value

c:\upp-10804\bazaar\ssh\sftp.cpp(231) : error C4716: 'Upp::SFtp::StartListDir': must return a value

Exec.cpp

Scp.cpp

libssh2upp.c

c:\upp-10804\bazaar\ssh\libssh2\libssh2\_config.h(105): error C2375: 'snprintf': redefinition; different linkage

c:/program files/windows kits/10/include/10.0.14393.0/ucrt\stdio.h(1932): note: see declaration of 'snprintf'

c:\upp-10804\bazaar\ssh\libssh2\agent.c(300): warning C4996: 'sprintf': This function or variable may be unsafe. Consider using sprintf\_s instead. To disable deprecation, use \_CRT\_SECURE\_NO\_WARNINGS. See online help for details.

c:/program files/windows kits/10/include/10.0.14393.0/ucrt\stdio.h(1769): note: see declaration of 'sprintf'

c:\upp-10804\bazaar\ssh\libssh2\channel.c(43): fatal error C1083: Cannot open include file: 'unistd.h': No such file or directory

Malloc.cpp

SSH: 7 file(s) built in (0:09.19), 1313 msec / file, duration = 9515 msec, parallelization 100%

There were errors. (1:40.53)

I have no time to look at the causes immediately, but hope these help you a bit. :)

When I get to office, I will try on a 64-bit Windows platform.

Best regards,

Tom

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