
Subject: Re: SFTP or full SSH2 support for U++?
Posted by [Tom1](#) on Sun, 02 Jul 2017 17:49:54 GMT
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Hi Oblivion,

I tried SshAsyncRequests example. It compiled nicely on MSC14 32 bit with just a few obvious warnings from libssh2:

```
----- SSH ( MSC14 MSC WIN32 )
Ssh.cpp
SFtp.cpp
Channel.cpp
Scp.cpp
Exec.cpp
Malloc.cpp
libssh2upp.c
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 de
    precation, 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(1157): 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/knownhost.c(957): warning C4996: 'fopen': This function or
variable may be unsafe. Consider using fopen_s instead. To disable de
    precation, use _CRT_SECURE_NO_WARNINGS. See online help for details.
c:/program files/windows kits/10/include/10.0.14393.0/ucrt\stdio.h(207): note: see declaration of
'fopen'
c:\upp-10804\bazaar\ssh\libssh2/knownhost.c(1181): warning C4996: 'fopen': This function or
variable may be unsafe. Consider using fopen_s instead. To disable d
    eprecation, use _CRT_SECURE_NO_WARNINGS. See online help for details.
c:/program files/windows kits/10/include/10.0.14393.0/ucrt\stdio.h(207): note: see declaration of
'fopen'
c:\upp-10804\bazaar\ssh\libssh2/pem.c(257): warning C4018: '<=': signed/unsigned mismatch
c:\upp-10804\bazaar\ssh\libssh2/userauth.c(541): warning C4996: 'fopen': This function or
variable may be unsafe. Consider using fopen_s instead. To disable dep
    recation, use _CRT_SECURE_NO_WARNINGS. See online help for details.
c:/program files/windows kits/10/include/10.0.14393.0/ucrt\stdio.h(207): note: see declaration of
'fopen'
Creating library...
SSH: 7 file(s) built in (0:13.20), 1886 msecs / file, duration = 13547 msecs, parallelization 95%
C:/upp-10804/out/examples-bazaar/SSH/MSC14.\SSH.lib (1624178 B) created in (0:01.96)
```

OK. (0:13.64)

Then it executed with the following results:

Connecting to Rebex public sftp test server...

Unable to request SFTP subsystem

```
drwx----- 2 demo users      0 Oct 27 2015 .
drwx----- 2 demo users      0 Oct 27 2015 ..
-rw----- 1 demo users     14280 Mar 19 2007 ConsoleClient.png
-rw----- 1 demo users     15091 Mar 19 2007 ConsoleClientSmall.png
-rw----- 1 demo users     15836 Mar 19 2007 FtpDownloader.png
-rw----- 1 demo users     19156 Feb 16 2007 imap-console-client.png
-rw----- 1 demo users     36672 Mar 19 2007 KeyGenerator.png
-rw----- 1 demo users     24029 Mar 19 2007 KeyGeneratorSmall.png
-rw----- 1 demo users     16471 Feb 16 2007 mail-editor.png
-rw----- 1 demo users     35414 Feb 16 2007 mail-send-winforms.png
-rw----- 1 demo users     49011 Feb 16 2007 mime-explorer.png
-rw----- 1 demo users     58024 Mar 19 2007 pocketftp.png
-rw----- 1 demo users     20197 Mar 19 2007 pocketftpSmall.png
-rw----- 1 demo users     20472 Feb 16 2007 pop3-browser.png
-rw----- 1 demo users     11205 Feb 16 2007 pop3-console-client.png
-rw----- 1 demo users     407 Mar 23 2007 readme.txt
-rw----- 1 demo users     11546 Mar 19 2007 ResumableTransfer.png
-rw----- 1 demo users     2635 Mar 19 2007 winceclient.png
-rw----- 1 demo users     6146 Mar 19 2007 winceclientSmall.png
-rw----- 1 demo users     80000 Mar 19 2007 WinFormClient.png
-rw----- 1 demo users     17911 Mar 19 2007 WinFormClientSmall.png
```

Remote command processed. Return code is 0.

<--- Finished in (0:01.79), exitcode: 0 --->

I wonder if "Unable to request SFTP subsystem" was to be expected here.

Anyway, I will do more testing tomorrow. :)

Thanks and best regards,

Tom
