
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 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(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 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(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 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(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 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(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
