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Subject: SSH Exec output truncated

Posted by [jstip](#) on Tue, 21 Jul 2020 11:30:50 GMT

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I am using SshSession CreateExec to run a command on a remote machine, and capture the output.

I noticed that long outputs are truncated. If I increase CHUNKSIZE in Core/SSH/Core.h, I can get the full output.

Is this the way to do this, or is there another way to get the full output?

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Subject: Re: SSH Exec output truncated

Posted by [Oblivion](#) on Tue, 21 Jul 2020 18:41:05 GMT

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Hello jstip,

And welcome to U++ forums.

I noticed that long outputs are truncated. If I increase CHUNKSIZE in Core/SSH/Core.h, I can get the full output.

It should be fixed now.

Hopefully the fix will be available in the nightly builds, shortly after the midnight (The change is already reflected in the U++ git mirror though.)

Please check.

Long story short: Your observation is correct. It was "stubbed" that way for the time being (Its base class, SshChannel, is going to be refactored. But I am waiting the next stable point release of libssh2 1.9, where I will upgrade the library too.)

Now it is fixed. Just pass the string and don't worry about the chunk size.

P.s: There is already a ChunkSize method for every class derived from SshChannel, including SshExec. You don't need to modify the code if you want to adjust the chunksize.

If you encounter any errors or have questions let me know.

Best regards,  
Oblivion.

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Subject: Re: SSH Exec output truncated

Posted by [jstip](#) on Wed, 22 Jul 2020 07:43:03 GMT

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Hi Oblivion,

That's fast :)

I understand you want to wait for libssh2, you don't want to do double work. But it seems to be working now with the nightly build.

And indeed, I see the ChunkSize method in the SshChannel class, missed that one.

Thanks a lot!

Regards, Jan

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Subject: Re: SSH Exec output truncated

Posted by [Oblivion](#) on Wed, 22 Jul 2020 08:27:04 GMT

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Hello Jan,

Quote:And indeed, I see the ChunkSize method in the SshChannel class, missed that one.

About the chunk size: Keep in mind that it simply represents the maximum chunk size of data that can be transfered in one loop cycle.

Increasing the chunk size "can" (not necessarily) improve the transfer speed and responsiveness (this is especially visible on SShShell sessions or SCP transters). But usually the 64K default value is OK.

Best regards,  
Oblivion

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Subject: Re: SSH Exec output truncated

Posted by [jstip](#) on Wed, 22 Jul 2020 14:02:22 GMT

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I understand, I kept the chunk size default now. Optimizing it probably relies on network transport sizes as well.

Thanks again, works for me now.

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