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Subject: Re: capturing stdout/err/in of subprocess  
Posted by [mirek](#) on Fri, 17 Mar 2006 22:25:32 GMT

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gprentice wrote on Fri, 17 March 2006 17:11

Quote:

There are no pipe functions I am aware of (in both Linux and Win32) that would indicate the "waiting for the stdin" (or, in fact "subprocess is blocked because of empty stdin") state.

Standard input behaves (from master process point of view) just like output file.

Then again, I might have missed something.

Why do you need to know the process is waiting for input? If you send characters to stdin the OS is going to buffer them until the process asks for them. From what I can tell, if you were to try and hold off sending a character until the previous character had been processed, the application would run too slowly because of all the context switching. It seems to me it's the applications responsibility to keep up with the input if it knows there's a lot of it. Maybe you could try PeekConsoleInput if you have the stdin handle, to see if stdin is "empty" ?

Graeme

Unfortunately, PeekConsoleInput seems to deal with existing Win32 console - not something would help us as we are here trying to implement ours...

Mirek

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