
Subject: Re: capturing stdout/err/in of subprocess
Posted by [gprentice](#) on Tue, 14 Mar 2006 10:16:35 GMT
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luzr wrote on Tue, 14 March 2006 22:54I guess you still do not understand my worries

The problem is not with feeding characters down the subprocess stdin - that is simple. And subprocess will wait if stdin is empty.

The problem is with user interface implementation - it is terminal responsibility to echo user input. Try to start a long process in cmd.exe (or linux terminal) and try to hit some character keys while process is running - the characters will not appear until subprocess blocks waiting for input (e.g. getchar). (Of course, it can appear after it ends too).

The problem is that there is no method known to me how to detect this "child process is blocked as it is waiting for user input - time to display user input line".

Mirek

You're right, I don't understand (though I was trying to respond to Wilho). But however, I'm curious. I've only used Linux terminal a little but like many people, I use cmd.exe a lot and I'm struggling to see where cmd.exe performs the echoing of user input you refer to e.g. if I do CL /?, the "CL" application is fed keys and does its own echoing (if any) - cmd.exe doesn't do the echoing. I would have thought any echoing is done by the application itself, via stdout. Any way, not to worry. I don't know how to build an atomic bomb either ...

Graeme
