Subject: PtyProcess, a pseudo-terminal process class for U++
Posted by Oblivion on Mon, 22 Apr 2019 18:25:46 GMT
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Hello,

While I was writing the TerminalCtrl (which is almost finished, I'm polishing the code) I needed an efficient and easy-to-use pseudo-terminal process to test it.

And instead of reinventing the wheel I decided to modifiy the code of LocalProcess.

In time it became a Unix98 style (pretty much standard nowadays) pty process class.

It can run a whole shell (e.g sh or bash) or it can run single app that requires terminal environment.

Currently it is only supported on POSIX range. But I will add Windows ConPty (Windows' new console) support too.

As usual you can access the code from my git repo.

https://github.com/ismail-yilmaz/upp-components/tree/master/ Core/PtyProcess

Feedbacks are welcome,

Best regards,
Oblivion

Subject: Re: PtyProcess, a pseudo-terminal process class for U++
Posted by Oblivion on Fri, 09 Oct 2020 08:34:23 GMT
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Hello,

The standalone version of PtyProcess class is now updated and synced with the Terminal/PtyProcess.

Changes/improvements:

- Supports both POSIX pty and Windows 10 pseudoconsole APIs.
- Fixed I/O synchronization issues.

- Docs are updated.

If you have any questions, suggestions, bug reports, let me know.

Best regards,
Oblivion
