Subject: Re: A terminal emulator widget for U++
Posted by Oblivion on Wed, 15 Jul 2026 10:43:03 GMT
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Hi,

TerminalCtrl's parser is now a standalone package called: AnsiParser.
It is still part of the Terminal package, and always will be.
However, it is now completely independent of TerminalCtrl's code. You can directly use AnsiParser package in you apps.

From its readme:

A very fast, reliable parser for DEC and ANSI terminal escape sequences. AnsiParser is a VT500-series state machine, based on Paul Williams' well-known parser diagram.
It handles ESC, CSI, DCS, OSC, APC, SOS, and PM sequences in both 7-bit and 8-bit form, UTF-8 and raw 8-bit text (switchable at runtime), and C0/C1 control bytes anywhere in the stream.
It can run as a dispatcher or as a transparent filter that reproduces its input byte-for-byte.

Features

- Full sequence coverage: ESC, CSI, DCS, OSC, APC, SOS, PM, in both 7-bit and 8-bit forms.
- UTF-8 aware, switchable on the fly.
- Usable as a parser or a filter.
- Separate dispatch hook per sequence family.
- SIMD-accelerated (SSE2 / NEON) where available, scalar fallback otherwise.

Best regards,
Oblivion