Subject: SixelRaster package for U++
Posted by Oblivion on Sun, 11 Sep 2022 20:21:55 GMT
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Hi,

In the process of refactoring certain parts of TerminalCtrl, I've decided to move the SixelRaster class into its own package and publish it via UppHub. This is a standalone package (it does not require Terminal package).

Sixel decoder is vastly improved (thanks to our discussion on optimization with jerch (xterm.js dev.)

The package and example code is immediately available via UppHub (or upp-components repo, for that matter)

SixelRaster package for U++

StreamRaster interface for DEC's sixel image format.

Features and Highlights

- Standalone package (obviously...)
- Automatically registers itself for the U++'s image decoder factory.
- Supports both RGB and HSL color spaces.
- Supports true color.
- Takes advantage of CPU intrinsics for drawing compressed images, when available.

Example

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SixelRasterExample: Demonstrates the usage of SixelRaster class as a a part of U++ image decoding factory.

Best regards,
Oblivion