Subject: Re: A terminal emulator widget for U++
Posted by Oblivion on Wed, 17 Jun 2020 22:36:24 GMT
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Hi,

I'm still working on range-based font substituiton feature. And I have finally prototyped the mechanism.

The screenshot below uses the legacy demo.txt file for demonstration. It displays four (default + additional three) fonts for different glyph ranges on the same page.

Font configuration:

IBM Plex Mono: 0x0020-0x07FF (Base glyphs)
Fira Code Mono: 0x2500-0x259f (Box drawing glyphs)
GNU Free Mono: 0x2800-0x28FF (Braille glyphs)
Awesome   Mono: ---------- (Other glyphs)

It has its rough edges, but "it works" fine with a negligable performance hit.

Note that this feature will not be available before v0.4.

Best regards,
Oblivion

File Attachments

1) TerminalCtrl_RangeBasedFonSubstitution.png, downloaded 2092 times

bude thaem lande northweardum with tha Westsae.' and means 'He said
that he lived in the northern land near the Western Sea.')

Braille:

(The first couple of paragraphs of "A Christmas Carol" by Dickens)

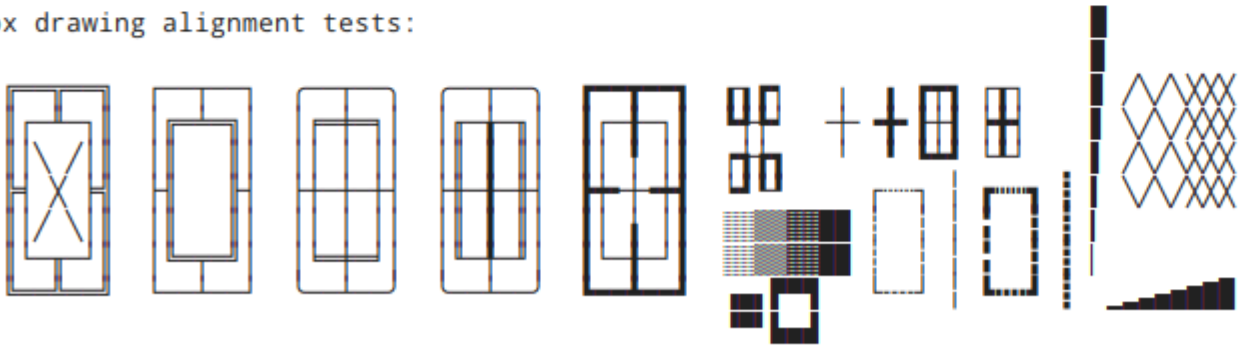
Compact font selection example text:

ABCDEFGHIJKLMNOPQRSTUVWXYZ /0123456789
abcdefghijklmnopqrstuvwxyz £©µÀÆÖÞßéöÿ
–— “ ” „ †•…‰œŠŸž€ ΑΒΓΔΩαβγδω АБВГДабвгд
∀∂∈ℝ∧∪≡ ↑↗↨↻⇣ ┐┼╔╘▶☺♀ ﬁ ₂ ṅḊḃẅẘ: □ж∪♭

Greetings in various languages:

Hello world, Καλημέρα κόσμε, コンニチハ

Box drawing alignment tests:



```
[maldoror@pandemonium TerminalTesting]$ lsd
 158725484140245472.png   capture.out     color-spaces.pl   Docs          imgcat.s
 24-bit-color.sh          cat.sixel       Cube_Animation.gif dots         interfac
 beforejpeg               cballs.png      demo.txt          earth.gif     jexer-te
 boticelli.sixel          chess.sixel     divider.sh        example.sixel jexer.ja
 boxes.txt                cjk.txt         do_test.sh        firework      lady-of-
[maldoror@pandemonium TerminalTesting]$
```