Subject: Re: A terminal emulator widget for U++
Posted by Oblivion on Sun, 03 Nov 2019 14:03:14 GMT
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Hello,

Terminal package and Terminal ctrl is updated.

There are fixes and clean-ups here and there, but most notably a new feature is added:

Terminal ctrl is now able to display 24-bit jpeg, gif, bmp, etc. raster formats, using the Jexer Image Protocol and Upp's own StreamRaster interface.

This means that if the raster images you are working with have registered decoders in upp/plugins, or somewhere else, Terminal ctrl will be able to display it.

Four main benefits of this inline images protocol is:

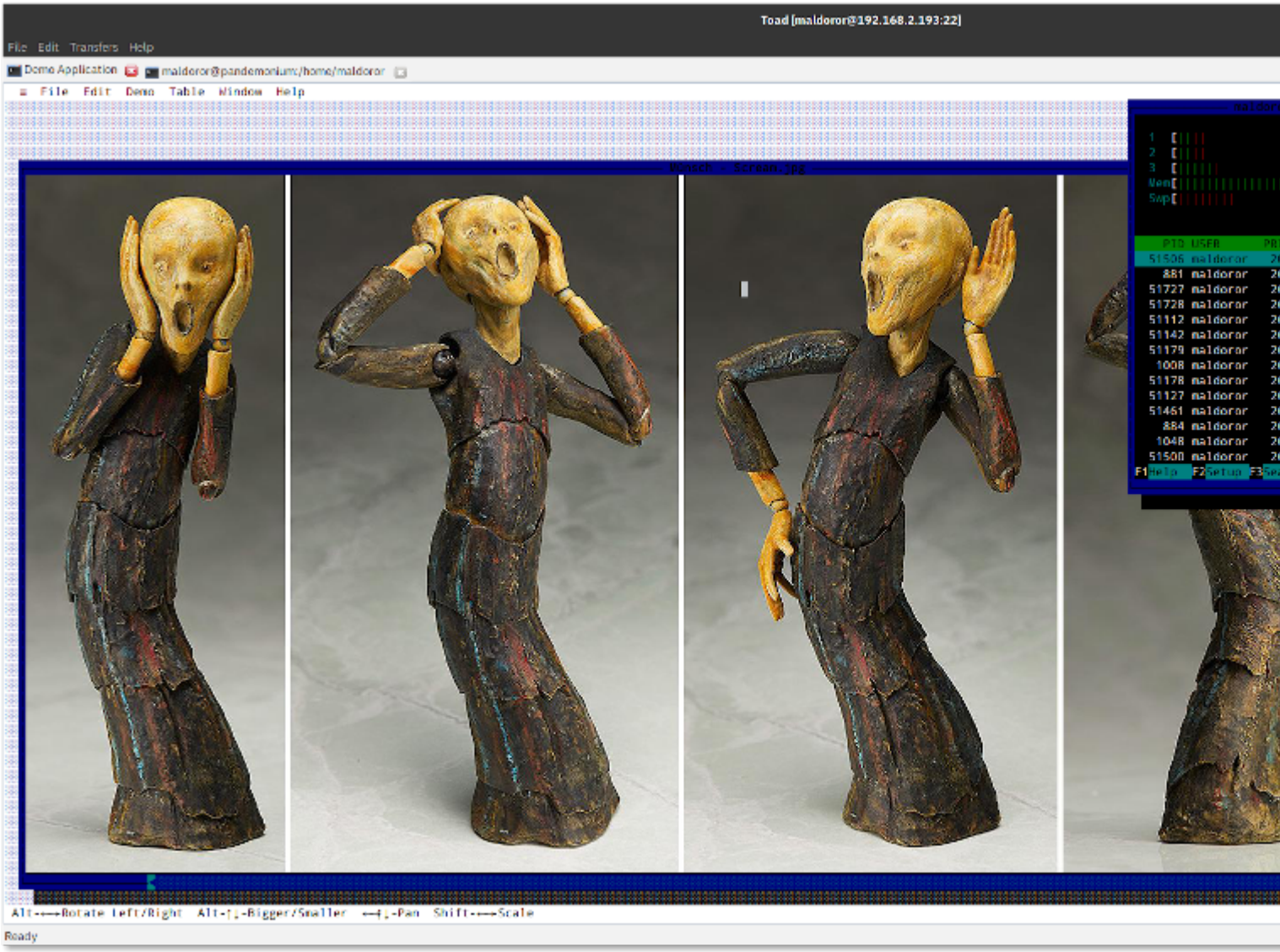
1) It is "8-bit clean". It can be safely deliver images over the network, and with Utf-8.
2) Popular image formats can be decoded much faster than sixels. (Up to 8 to 10 times faster on bigger image files), and usually have a lower bandwidth requirements.
3) Allows 24 bit (true color) images.
4) The wire protocol is very simple.

Screenshot with 24 bit images:
(Taken from the pre-alpha version of Toad, a cross-platform, multithreaded SSH2 client with tabs and splitter support, that will be available in -hopefully- January 2020):

Best regards,
Oblivion

File Attachments

1) toad_jexer_ssh.png, downloaded 2217 times


Toad [maldoror@192.168.2.193:22]
File Edit Transfers Help
Dome Application
maldoror@pandemonium:/home/maldoror
File Edit Demo Table Window Help
Mensch - Scream.jpg
Alt-←→Rotate left/Right Alt-↑↓-Bigger/Smaller ←→↑↓-Pan Shift-←→Scale
Ready