Subject: idl on laptop linux Posted by Gary Fu on Mon, 14 Jun 1999 07:00:00 GMT View Forum Message <> Reply to Message

Hello,

Any suggestion or recommendation on running idl pseudo color (8 bits, 1024x768 resolution) mode on a laptop linux system?

Thanks.

Gary

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- * Gary Fu, GSC (301) 286-7107
- * email: "gfu@seadas.gsfc.nasa.gov" *
- * NASA/Goddard Space Flight Center

Subject: Re: idl on laptop linux Posted by tferro on Mon, 14 Jun 1999 07:00:00 GMT View Forum Message <> Reply to Message

Gary Fu (gfu@seadas.gsfc.nasa.gov) wrote:

:

: Any suggestion or recommendation on running idl pseudo color (8 bits,

: 1024x768 resolution) mode on a laptop linux system?

:

The only "gotcha" we currently hit our (my) head against in this type of setup is the fact that the Globetrotter software RSI uses for their license manager, requires an ethernet card. On a laptop, this means that you must either always have your ethernet PC card installed, or get a new "genver" number from RSI every six months. Having the PC card installed does drain the batteries faster. Things can get further confused if you want to keep your ethernet card in, but set up a PPP connection from a remote site (this means that you suddenly have two network connections and you have to watch your step).

Of course, I prefer this setup to having to use a dongle. :)

- Tony Ferro

--

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Subject: Re: idl on laptop linux

Posted by Liam Gumley on Mon, 14 Jun 1999 07:00:00 GMT

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Gary Fu wrote:

> Any suggestion or recommendation on running idl pseudo color (8 bits,

> 1024x768 resolution) mode on a laptop linux system?

First of all, make sure your Linux box is running an 8 bit desktop.

Then for consistent 8 bit mode on all Unix boxes, I use the following startup file:

;---cut here

;- Set up 8 bit display and grab colors

device, pseudo=8, decomposed=0, retain=2 window, /free, /pixmap, colors=-5 plot, [0] wdelete, !d.window print, 'Color table size is ', !d.table_size

;- Set graphics and widget font sizes

device, set_character_size=[6, 9] widget_control, default_font='7x13'

;- Ensure IDL 5.0 XMANAGER behavior is consistent with IDL 4.0

xmanager, catch=0 :---cut here

I save it as \$HOME/idl_startup.pro, and set the IDL_STARTUP variable thus:

setenv IDL_STARTUP \$HOME/idl_startup.pro (C shell) export IDL_STARTUP=\$HOME/idl_startup.pro (Korn shell)

I do not use any IDL resources in my \$HOME/.Xdefaults file.

Cheers.

Liam.

--

Liam E. Gumley
Space Science and Engineering Center, UW-Madison
http://cimss.ssec.wisc.edu/~gumley

Subject: Re: idl on laptop linux Posted by J.D. Smith on Mon, 14 Jun 1999 07:00:00 GMT View Forum Message <> Reply to Message

Gary Fu wrote:

>

> Hello,

>

- > Any suggestion or recommendation on running idl pseudo color (8 bits,
- > 1024x768 resolution) mode on a laptop linux system?

>

> Thanks.

>

- > Gary
- > -

>

I do it every day. No real laptop specific issues I can think of, but would maybe reccommend against idlde... too many buttons to click on with that clumsy trackpad! Emacs with idlwave is an excellent alternative. Making use of define_key for keyboard shortcuts and text inserts also makes life easier.

JD

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