Subject: sec : U Re: plotting free form ascii data
Posted by Andrew Cool on Thu, 05 Jul 2001 04:34:28 GMT
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David Fanning wrote:
>
> Patrick writes:
>
snip
>>
>> --the program proceeds until it gets to pro plotinteractive_wvtoolkit
>> then stops. Giving the error:
>> % XMANAGER: Caught unexpected error from client application. Message
>> follows...
>> % Attempt to call undefined procedure/function: 'WV_APPLET'.
>> % Execution halted at: PLOTINTERACTIVE_WVTOOLKIT 42
>> /home/swifs/training/idlinterm/interplot4.pro
>> % PLOTINTERACTIVE_READ 14
>> /home/swifs/training/idlinterm/interplot4.pro
>> % XMANAGER_EVLOOP_STANDARD 478
>> /auto/soft/idl/idl_5.4/lib/xmanager.pro
>> % XMANAGER 708
>> /auto/soft/idl/idl_5.4/lib/xmanager.pro
>> % PLOTINTERACTIVE 101
>> /home/swifs/training/idlinterm/interplot4.pro
>> % $MAIN$
>>
>> What is the correct way to call wv_applet?
>
> I don't know how WV_APPLET should be called.
> I've never heard of it. Is this an IDL program in
> your path?
>
> Cheers,
>
> David

David & Patrick,

I think the WV_APPLET must be part of the WAVELETS TOOLKIT GUI,
for which you need a licence to run it.

However, Wayne Landsman pointed out back in April that some of the
WAVELET TOOLKIT routines are callable outside of the GUI...

> Um, I'm not sure whether I should be advertising this, but at least some
> of the low-level procedures in $IDL_DIR/lib/wavelet/source do not
> require a toolkit license. You just won't be able to use any of the GUI

> features.
>
> WV_CWT - Compute the continuous wavelet transform for one-dimensional
> arrays.
> WV_DENOISE - Use the wavelet transform to filter a 1 or 2-dimensional
> array.
> WV_FN_COIFLET - Return the Coiflet wavelet coefficients.
> WV_FN_DAUBECHIES - Return the Daubechies wavelet coefficients.
> WV_FN_GAUSSIAN - Return the Gaussian-derivative wavelet.
> WV_FN_HAAR - Return the Haar wavelet coefficients.
> WV_FN_MORLET - Return the Morlet wavelet.
> WV_FN_PAUL - Return the Paul wavelet.
> WV_FN_SYMLET - Return the Symlet wavelet coefficients.
>
> Also the "Numerical Recipes" implementation of some Daubechies wavelet
> coefficients has long been available as the intrinsic function WTN.
>
> --Wayne Landsman landsman@mpb.gsfc.nasa.gov

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