Subject: Re: sec : U Re: plotting free form ascii data
Posted by Marcus O'Brien on Tue, 31 Jul 2001 10:15:08 GMT
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andrew cool wrote:

> 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
>
> Andrew Cool
>
> ---------- ---------
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Just had a go with WV_DENOISE in idl5.4, gives a license error, RSI must have
fixed it :(

Marc