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Subject: Re: plotting free form ascii data  
Posted by [patrick](#) on Tue, 03 Jul 2001 22:58:29 GMT  
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sorry for the brevity on the last post. What I have currently is:

```
pro plotinteractive_doplot, pstate
plot, (*pstate).profile_data, LINESTYLE = (*pstate).linestyle
end

pro plotinteractive_read, event
widget_control, event.top, GET_UVALUE = pstate
; read in the data for the 1-D plot from a free-form ascii
; matrix.

profile_data = read_ascii(test,
template=ascii_template(test,BROWSE_LINES=4241), $
DATA_START=13)

; call the wavelet toolkit:
plotinteractive_wvtoolkit, pstate

end

;pro plotinteractive_draw, event

;widget_control, event.top, GET_UVALUE = pstate
; check for motion events.
;if (event.type eq 2) then begin
; convert the coordinates from device to data
; datac = convert_coord(event.x, event.y, /DEVICE, /TO_DATA)
; statusstr = strtrim(datac[0], 2) + ',' + strtrim(datac[1],2)
; widget_control, (*pstate).status, SET_VALUE = statusstr
;endif

;end

pro plotinteractive_quit, event
widget_control, event.top, GET_UVALUE = pstate
; kill the widget.
ptr_free, pstate
widget_control, event.top, /DESTROY

end

pro plotinteractive_wvtoolkit, event
;widget_control, event.top, GET_UVALUE = pState
WV_APPLET, ARRAY=profile_data, GROUP_LEADER=winID
```

```
; call the do routine to replot.  
plotinteractive_doplot, pstate  
  
end  
  
--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?

Regards,

Patrick

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