
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
