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## Subject: Widgets

Posted by [Robert LeeJoice](#) on Thu, 30 Sep 1999 07:00:00 GMT

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Question for Widget Gurus: Can I put Widget creation items in an event procedure? I want to be able to have a menu item open a new window that consists of a table to display some data. I have put the following in and it seems to work, but I'm concerned about how xmanager sees/doesn't see this since the widget statements are not in the "Widget Definition file". Is it okay and prudent to do this? I assume as long as there are no event\_procedures in the code?

PRO xdropwindsonde\_view, event

```
; Get the info structure
Widget_Control,event.top,Get_UValue=info, /No_Copy

; Create another base for the tabluture display of data
basedataview=Widget_Base(Group_Leader=event.top,/Floating,$
    Title='Dropwindsonde Data')

; Set up column labels
column_labels=strarr(12)
column_labels[0]='Pressure'
column_labels[1]='Temp'
column_labels[2]='Dew Point'
column_labels[3]='RH'
column_labels[4]='Height'
column_labels[5]='Wind Speed'
column_labels[6]='Wind Direction'
column_labels[7]='U'
column_labels[8]='V'
column_labels[9]='WZ'
column_labels[10]='Lon'
column_labels[11]='Lat'

tablevalue=fltarr(12,(*info.stormstructure).observations)
tablevalue[*, *]=310.500
tablevalue[0, *]=(*info.stormstructure).p
tablevalue[1, *]=(*info.stormstructure).t
tablevalue[2, *]=(*info.stormstructure).dp
tablevalue[3, *]=(*info.stormstructure).rh
tablevalue[4, *]=(*info.stormstructure).height
tablevalue[5, *]=(*info.stormstructure).ws
tablevalue[6, *]=(*info.stormstructure).wd
tablevalue[7, *]=(*info.stormstructure).u
tablevalue[8, *]=(*info.stormstructure).v
tablevalue[9, *]=(*info.stormstructure).wz
```

```
tablevalue[10,*]=(*info.stormstructure).lata
tablevalue[11,*]=(*info.stormstructure).lono

; Put the table on the secondary base
table=Widget_Table(basedataview,Column_Labels=column_labels,/Scroll,$
Value=tablevalue,X_Scroll_Size=12,Y_Scroll_Size=20)

Widget_Control,basedataview,/Realize

Widget_Control,event.top,Set_UValue=info,/No_Copy

END
;-----
```

In the meantime I'll be rereading Chapters 13,14,15 from D. Fanning!  
TIA

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