
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 tablature 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)
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```
Widget_Control,basedataview,/Realize
```

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

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END
```

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

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