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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
```

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

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