
Subject: Re: widget_droplist keyword problem
Posted by [Amara Graps](#) on Wed, 07 May 1997 07:00:00 GMT
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Mike Schienle wrote:

>
> Amara Graps wrote:
>
>> I can't seem to get the SET_DROPLIST_SELECT keyword to work for my
>> widget droplist.
> ...
>> WIDGET_CONTROL, base, SET_DROPLIST_SELECT=1 ;Set the OFF
> ^
> I suspect your example actually tries to change the the droplist (list),
> not the base (base), but the code you supplied seems to be doing
> something else. What you supplied should work if you give it the ID of
> the list.

Yep.. that was it. I needed:

WIDGET_CONTROL, list, SET_DROPLIST_SELECT=1 ;Set the OFF
 ^

Simple, no?

> If it needs more than that let me know and I'll provide a
> running example that works on my system. In the meantime, here's some
> code that deals with two different droplists.

Thanks for your example. It's a lot fancier than my current use of
droplists.

Amara

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"Never fight an inanimate object." - P. J. O'Rourke

Subject: Re: widget_droplist keyword problem

Amara Graps wrote:

> I can't seem to get the SET_DROPLIST_SELECT keyword to work for my
> widget droplist.

...

> WIDGET_CONTROL, base, SET_DROPLIST_SELECT=1 ;Set the OFF
 ^^^^

I suspect your example actually tries to change the the droplist (list), not the base (base), but the code you supplied seems to be doing something else. What you supplied should work if you give it the ID of the list. If it needs more than that let me know and I'll provide a running example that works on my system. In the meantime, here's some code that deals with two different droplists.

Here is some code from an event handler that runs on a few SGI's and a couple of PowerMac's around here. The mChild and mLocal portions just refer to elements within a structure. In this case, I get the droplist selections for two different droplists; check if they are not equal; then set the "plot" type to match the "correlation" type. The [un]mapping is just to manage some items within a base which has no row or column settings.

```
; get the plot panel plot type
IPDropVal = Widget_Info(mChild.wDropPlot, /DropList_Select)

; get the correlation panel plot type
ICDropVal = Widget_Info(mLocal.wDropPlot, /DropList_Select)

IF (IPDropVal NE ICDropVal) THEN BEGIN
    ; unmap the plot panel plot type
    Widget_Control, mChild.awBasePlotType(IPDropVal), Map=0

    ; change plot panel plot type to
    ; correlation panel plot type
    Widget_Control, mChild.wDropPlot, Set_DropList_Select=ICDropVal

    ; map the correlation panel plot type
    Widget_Control, mChild.awBasePlotType(ICDropVal), Map=1
ENDIF
```

In the widget definition module below I do similar steps to make the selected item of one droplist (wDropPlot) match the specified item of a different droplist (mParent.wDropPlot). In the event handler section above these are referred to as mChild and mLocal, respectively.

```
IDropVal = Widget_Info(mParent.wDropPlot, /DropList_Select)
```

```
wDropPlot = Widget_DropList(wBaseCommon, Title='Plot:', $  
    Value=mMisc.plotType)  
Widget_Control, wDropPlot, Set_DropList_Select=IDropVal  
  
mLocal = {wDropList: wDropList, ... }
```

Let me know if you need a better description or running code.

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