
Subject: DROPLIST problem in CW_FORM

Posted by [Quentin Errera](#) on Wed, 24 Mar 1999 08:00:00 GMT

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Dear all,

I am using the DROPLIST keyword in the porcedure CW_FORM.
I initialize a value (e.g. 4) of the list with the SET_VALUE keyword.
I create the widget using CW_FORM, I do what it ask me but I
don't change the droplist (so I keep the initial value).
The problem is that the tag returned for the DROPLIST is
0 (and not 4).

If anyone can help me,

Quentin.

Subject: Re: DROPLIST problem in CW_FORM

Posted by [davidf](#) on Wed, 24 Mar 1999 08:00:00 GMT

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Quentin Errera (quentin@bira-iasb.oma.be) writes:

> I am using the DROPLIST keyword in the porcedure CW_FORM.
> I initialize a value (e.g. 4) of the list with the SET_VALUE keyword.
> I create the widget using CW_FORM, I do what it ask me but I
> don't change the droplist (so I keep the initial value).
> The problem is that the tag returned for the DROPLIST is
> 0 (and not 4).

Yes, this has always seemed a bit strange to me too, but
what is returned from the droplist is the index number of
the selected item, not that item's "value". So, clearly,
if you want to do something with the values of the
droplist you have to have them around. A good place to put
them is in the "info" structure, where you include all of
the information you require to run your program.

Or, since the values are really only needed by the droplist
itself, I often put the values in the user value of the
droplist itself:

```
dropValues = SIndgen(10)
realValues = Findgen(10)
dropID = Widget_Droplist(tlb, Value=dropValues, $
    UValue=realValues, Event_Pro='Droplist_Events')
```

Then, the event handler is easy to write:

```
PRO Droplist_Events, event
Widget_Control, event.id, Get_UValue=realValues
Print, realValues[event.index]
END
```

Cheers,

David

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