
Subject: Re: pulldown menu with multiple selections - Yes we can!
Posted by [R.Bauer](#) on Tue, 02 Nov 1999 08:00:00 GMT
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Michael Asten wrote:

```
> pei zeng wrote:
>
>> Hi, Guys
>>
>> Does anybody know how to make a pulldown menu with multiple selections?
>>
>> Thanks!
>>
>> pei
>
> I did it using the pull down menu generated by the idl5.2 GuiBuilder,
> with
> subsequent addition to code to extract the "multiple" selection.
> Attached is a demo example - the task is to select multiple 'loops'
> from
> the left column of a widget, and single 'line' and 'component' from 2nd
> and
> 3rd columns of the widget.
```

Dear Michael,

this is a bit more modern code of your widget.
The arrangement of the widget was done by the GUI Builder too. An important
difference to your code is
that the ids of the widget function are organized in a structure which is
the uvalue of the main base.
I am preferring pointer instead of a common block.

Unfortunately this was not the answer of the question.

Regards

R.Bauer

```
PRO list_ex_event, Event
  WIDGET_CONTROL, event.top, get_uvalue=map
```

```
  CASE event.id OF
    (*map).id_show: BEGIN
      idx=WIDGET_INFO((*map).id_list,/list_select)
```

```

    PRINT,(*map).data.list_value[idx]
END
(*map).id_done: WIDGET_CONTROL,event.top,/destroy
ELSE:
ENDCASE
END

PRO list_ex

map=CREATE_STRUCT('id_base_0',WIDGET_BASE(SCR_XSIZE=300 ,SCR_YSIZE=200 ,$
    TITLE='list example' ,SPACE=3 ,XPAD=3 ,YPAD=3))

value=['alpha','beta','gamma','delta']
map=CREATE_STRUCT(map,'id_list',WIDGET_LIST(map.id_base_0, Uvalue='LIST'
,$
    XOFFSET=9 ,YOFFSET=10 ,SCR_XSIZE=118 ,SCR_YSIZE=138 ,XSIZE=11
,YSIZE=2,$
    value=value,/multiple))

map=CREATE_STRUCT(map,'id_show', WIDGET_BUTTON(map.id_base_0,
Uvalue='SHOW', $
    XOFFSET=151 ,YOFFSET=18 ,/ALIGN_CENTER ,VALUE='SHOW'))

map=CREATE_STRUCT(map,'id_done', WIDGET_BUTTON(map.id_base_0,
Uvalue='DONE', $
    XOFFSET=151 ,YOFFSET=48 ,/ALIGN_CENTER ,VALUE='DONE'))

map=CREATE_STRUCT(map,'Data',CREATE_STRUCT('list_value',valu e))
map=PTR_NEW(TEMPORARY(map))

WIDGET_CONTROL, /REALIZE, (*map).id_BASE_0,set_uvalue=map

XMANAGER, 'list_ex', (*map).id_BASE_0
ptr_free,map

END

```
