## Subject: ? PICKFILE() problem (idl 4.0.1) ? Posted by Peter Cornelius on Thu, 28 Jan 1999 08:00:00 GMT View Forum Message <> Reply to Message

(Ooops, I missed an inverted pvwave on the group name. So here's a second go:)

Re again,...

I want to combine a couple of files into one using PICKFILE() or something similar. I only have access to idl 4.0.1 on MS Win95, i know it's obsolete in a later version.

Now, when I make a widget with a done button and set its base to be a group leader, its button is grayed out while PICKFILE is active (GROUP=... set). Is there a way to avoid that? I can't seem to find that.

Probably someone else already has solved this much more neatly.

Thanks a lot,

Regards,

Peter.

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Peter Cornelius <pc\*\*\*NOSPAM\*\*\*@inr.fzk.de>

P.S.: Here's how I thought that I could get along. One might find a way to get around the loop (Well, er... admittedly, I'm not an experienced idl programmer... 8-S).

PRO DestroyManyBase COMMON ManyBaseComm, ManyBase WIDGET\_CONTROL, ManyBase, /DESTROY END

FUNCTION SelectManyFiles, PATH = StartPath,\$ FILTER = FileFilter, FILE = DefaultFile

- ; This procedure opens a window and allows the user
- ; to select a(n arbitrary?) number of files that it
- ; returns as an array of strings.

COMMON GlobalFileVars

## COMMON ManyBaseComm

```
; Create a base to hold the widget
ManyBase = WIDGET_BASE($
 COLUMN=1, $
 MAP=1, $
 TITLE='Select Files', $
 UVALUE='ManyBase')
Create its contents.
ManyLabel = WIDGET TEXT(ManyBase, $
 EVENT FUNC='NoOp', $
 GROUP LEADER=ManyBase. $
 /ALIGN_CENTER, $
 UVALUE='ManyLabel', $
 VALUE='Selected files:')
ManyText = WIDGET_TEXT(ManyBase, $
 EVENT FUNC='NoOp', $
 GROUP LEADER=ManyBase, $
 UVALUE='ManyText', $
 VALUE=")
ManyButton = WIDGET BUTTON( ManyBase, $
 /ALIGN CENTER, $
 EVENT PRO='DestroyManyBase', $
 GROUP LEADER=ManyBase, $
 UVALUE='ManyButton', $
 VALUE='DONE')
; Realize widget.
WIDGET_CONTROL, ManyBase, /REALIZE
; Finally register with XMANAGER.
XMANAGER, 'Select Files', ManyBase, GROUP LEADER=ManyBase
FileNames=MAKE_ARRAY(1024,1, /STRING)
I=0
REPEAT BEGIN
 FileNames(I)=PICKFILE(FILTER=FileFilter, FILE=DefaultFile, $
  PATH=StartPath, GET_PATH=StartPath, GROUP=ManyBase)
WIDGET CONTROL, ManyText, $
  SET VALUE=FileNames(I)+STRING(13B), /APPEND
 |=|+1|
WAIT, 1; This is how I bail out presently.
 NotDone=WIDGET_INFO(ManyBase, /VALID_ID)
ENDREP UNTIL (NotDone NE 0)
RETURN, FileNames
; Oughta return count as well...
```

Subject: Re: ? PICKFILE() problem (idl 4.0.1) ? Posted by Peter Cornelius on Sat, 30 Jan 1999 08:00:00 GMT View Forum Message <> Reply to Message

David Fanning <davidf@dfanning.com> wrote:

> Oh, dear.

> (...)

Thanks for the kick. I might just have needed that. :) I already have changed some portions of the source, though this modal stuff seems to be too far away. I just thought it was to lock the other widgets while requiring the user to enter something in a special place. If there's interest, i can write/post some source (now without common blocks and such). But I already have been quite lengthy.

I asked our library to acquire the book, but if I believe amazon.com, it'll arrive after my time. At least it'll be there when anyone else will need it, then.

If idl weren't that bl... expensive i'd have a (current) copy of my own at home to fiddle with, and i could work with an os underneath (the problem is, although i am a student still, i can't use the student's version since, to all what i know, it only allows arrays of up to 500x500 elements or so, but the ones i start with are abt. 750x550 ...). The necessity of a runtime license doesn't make it attractive, either.

So. Maybe, i'll just hardcode the file names in there when i need them, it's less than a hundred files (i think) only a couple of which i might really include in the end. I more urgently need to be done than having a particularly beautiful code. Unfortunately, since I start liking the game.

Anyways, I probably will be back for one or the other beginners' question in a while. Thank you very much for your patience and responses. Please go on being that patient with future newbies, too.

Best regards,	
Peter.	
Peter Cornelius	s <pcnospam@inr.fzk.de></pcnospam@inr.fzk.de>