
Subject: ? PICKFILE() problem (idl 4.0.1) ?

Posted by [Peter Cornelius](#) on Thu, 28 Jan 1999 08:00:00 GMT

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(Ooops, I missed an inverted pwwave 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.

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  
  I=I+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...

END

Subject: Re: ? PICKFILE() problem (idl 4.0.1) ?
Posted by [Peter Cornelius](#) on Sat, 30 Jan 1999 08:00:00 GMT
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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 <pcNOSPAM@inr.fzk.de>
