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**Subject:** Re: Multiple file selector?  
Posted by [davidf](#) on Sat, 24 Oct 1998 07:00:00 GMT  
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Eric Frans ([epfrans@west.raytheon.com](mailto:epfrans@west.raytheon.com)) writes:

> Hi. I'm on a quest to find a widget based procedure that allows a user  
> to navigate through a directory structure and select files, which are  
> added to a file name list. When the user has selected all the files and  
> exits, the widget returns an array with the file names (complete with  
> path info.). I guess what I'm after is something like dialog\_pickfile,  
> but for multiple files. I figure this must already exist out there, but  
> so far I haven't found anything. Thanks in advance for any help!

This capability exists in IDL 5.2 (BETA) by setting the  
/MULTIPLE\_FILES keyword in DIALOG\_PICKFILE, so I wouldn't  
waste too much time writing it yourself. :-)

Cheers,

David

---

David Fanning, Ph.D.  
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**Subject:** Re: Multiple file selector?  
Posted by [davidf](#) on Mon, 26 Oct 1998 08:00:00 GMT  
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Robert S. Mallozzi ([mallors@crazyhorse.msfc.nasa.gov](mailto:mallors@crazyhorse.msfc.nasa.gov)) writes:

> In the Linux 5.2beta, you can only selecte multiple  
> files from a single directory. You cannot navigate over  
> directories, selecting files as you go, as the original  
> post requests.

Ah, yes, you are right. Sorry, a result of playing catch-up  
at 3:30 AM and not reading the original post carefully.  
It looks like multiple files ONLY in a single directory  
with the new DIALOG\_PICKFILE.

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting  
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: Multiple file selector?  
Posted by [mallors](#) on Mon, 26 Oct 1998 08:00:00 GMT  
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In article <[MPG.109b692486bd35619896dc@news.frii.com](mailto:MPG.109b692486bd35619896dc@news.frii.com)>,  
[davidf@dfanning.com](mailto:davidf@dfanning.com) (David Fanning) writes:  
> Eric Frans ([epfrans@west.raytheon.com](mailto:epfrans@west.raytheon.com)) writes:  
>  
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In the Linux 5.2beta, you can only selecte multiple  
files from a single directory. You cannot navigate over  
directories, selecting files as you go, as the original  
post requests.

--  
~~~~~  
Robert S. Mallozzi                            256-544-0887  
                                                  Mail Code ES 84  
Work: <http://www.batse.msfc.nasa.gov/>      Marshall Space Flight Center  
Play: <http://cspar.uah.edu/~mallozzir/>      Huntsville, AL 35812  
~~~~~

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Subject: Re: Multiple file selector?  
Posted by [pit](#) on Mon, 26 Oct 1998 08:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

In article <3630BF91.76AB@west.raytheon.com>,  
Eric Frans <epfrans@west.raytheon.com> writes:  
> IDL folks,  
>  
> Hi. I'm on a quest to find a widget based procedure that allows a user  
> to navigate through a directory structure and select files, which are  
> added to a file name list. When the user has selected all the files and  
> exits, the widget returns an array with the file names (complete with  
> path info.). I guess what I'm after is something like dialog\_pickfile,  
> but for multiple files. I figure this must already exist out there, but  
> so far I haven't found anything. Thanks in advance for any help!

I have modified the old Widget routine pickfile to do so (I'm still  
using IDL 4.0). I've attached it below.

Peter

--  
~~~~~  
~~~~~

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Tel.: +49 551 39-5048 pit@uni-sw.gwdg.de  
-- \* -- \* ... -- \* -- \* ... -- \* -- \* ... -- \* -- \* ... -- \* --  
Come and see the stars! <http://www.kis.uni-freiburg.de/~ps/SFB>  
Sternfreunde Breisgau e.V. Tel.: +49 7641 3492

---

```
;+
; NAME:
;   PICKFILES
;
; PURPOSE:
;   This function allows the user to interactively pick one or more
;   file(s). A file selection tool with a graphical user interface
;   is created. Files can be selected and deselected from the
;   current directory or other directories.
;
; CATEGORY:
;   Widgets.
;
; CALLING SEQUENCE:
;   Result = PICKFILES()
;
; KEYWORD PARAMETERS:
;
```

; FILE: (input) A string or string array for setting the initial  
; value of the selection. Useful if there is a default file

; GROUP: (input) The widget ID of the widget that calls PICKFILE.  
; When this ID is specified, a death of the caller results  
; in the death of the PICKFILE widget application.

; READ: (Flag) Set this keyword to make the title of the PICKFILE  
; window "Select File(s) to Read".

; WRITE: (Flag) Set this keyword to make the title of the PICKFILE  
; window "Select File(s) to Write".

; PATH: (input) The initial path to select files from. If this  
; keyword is not set, the current directory is used.

; FILTER: (input) A string value for filtering the files in the  
; file list. This keyword is used to reduce the number of  
; files to choose from. The user can modify the filter  
; unless the FIX\_FILTER keyword is set. Example filter  
; values might be "\*.pro" or "\*.dat".

; FIX\_FILTER: (Flag) When this keyword is set, only files that  
; satisfy the filter can be selected. The user has no  
; ability to modify the filter and the filter is not shown.

; TITLE: (input) A scalar string to be used for the window title.  
; If it is not specified, the default title is "Select File"

; MUST\_EXIST: (Flag) When set, only files that actually exist can  
; be selected.

; POSITION: (input) 2-el vector with position of upper left  
; corner of the widget base, counted from top left  
; screen corner. May be ignored depending on your window  
; manager.

; OUTPUTS:  
; PICKFILE returns a string or string array that contains the name  
; of the file(s) selected. If no file is selected, PICKFILE  
; returns a null string.

; COMMON BLOCKS:  
; PICKER: COMMON block that maintains state for the widget.

; SIDE EFFECTS:  
; This function initiates the XMANAGER if it is not already running.

; RESTRICTIONS:

; This routine is known to work on Suns (OPEN LOOK), MIPS, RS/6000,  
; DEC Ultrix, HP/700, VAX/VMS, SGI and Linux machines.

; Only one instance of the PICKFILE widget can be running at one time.

; PICKFILE does not recognize symbolic links to other files in UNIX.

; PROCEDURE:

; Create and register the widget and then exit, returning the  
; filename(s) that were picked.

; EXAMPLE:

; Create a PICKFILE widget that lets users select only files with  
; the extensions 'pro' and 'dat'. Use the 'Select File to Read' title  
; and store the name of the selected file in the variable F. Enter:

; F = PICKFILE(/READ, FILTER = '\*.pro \*.dat')

; MODIFICATION HISTORY:

; Written by: Steve Richards, April, 1991

; July, 1991 Added a FILTER keyword to allow users  
; to select files with a given extension or  
; extensions.

; August, 1991 Fixed bugs caused by differences between  
; spawned ls commands on different machines.

; September, 1991 Made Myfindfile so only one pass was  
; necessary to find files and directories.

; 3/92 - ACY Corrected initialization of dirsav, change spawn  
; command to "ls -IL" and added case for links  
; add NOCONFIRM keyword for auto exiting on selection

; 8/92 - SMR Rewrote pickfile as a compound widget.

; 10/92 - SMR Fixed a bug where extremely large file names didn't  
; show up properly in the file list or as return  
; values.

; 12/92 - JWG Add better machine dependency code

; 1/93 - JWG Added FILE, GET\_PATH keywords.

; 1/93 - TAC Added Windows Common dialog pickfile code

; 2/93 - SMR Fixed the documentation example for multiple extensions

; 1/94 - KDB If directory had no execute permission on Unix  
; platforms, CD fails and causes error. Added check  
; for this. Increased spawn speed by using /sh for unix.  
; Added -a switch to ls so that all files can be found  
; on unix machines.

; 2/94 - KDB Values passed to CD cannot end in a '\' on DOS  
; platforms. Program would crash if the PATH keyword  
; was supplied a value that ended with a "\". Added  
; a check for this.

```
; 3/94 - BMH Deleted the reference here to OS_PICKFILE for the
; Unix platforms and created an IDL routine to
; to call the Mac and Windows specific OS_PICKFILE
; routines. This solved the saving and restoring on
; different platforms problem.
; 4/94 - KDB The vms call to lib$findfile in valid_dir was
; commented out. This caused errors when path was
; changed by user. Uncommented. In Valid_Dir, with
; vms the type of directory specification was not
; checked (directory can be a path or a filename):
; Fixed this. In dirlist section of event handler,
; a "[-]" would get trimmed to "" and cause error:
; Fixed.
; 8/94 - ACY Change the spawn command in getdirs to send error
; output to /dev/null.
; 12/94 - DJE Fix the FIX_FILTER option for the MacOS.
; 9/95 - PS change to multifile-selection. Remove keywords
; NOCONFIRM and GET_PATH, which don't have a useful
; meaning any more. Added POSITION Keyword.
; 4/96 - PS Add Select all button
;
;
```

FUNCTION valid\_dir, dir

WIDGET\_CONTROL, /HOUR

```
; Can't CD to a directory unless the user has execute permission.
; Use the unix command test to check this. Have to use sh5 on ultrix
; Test sets the shell status variable and echo prints it out. This is
; then captured by spawn and placed in result
```

```
IF (!version.os NE 'ultrix') THEN BEGIN
    spawn, ['test -d "+dir +" -a -x "+dir+" ; echo $?'], result, /sh
```

ENDIF ELSE BEGIN

```
    spawn, ['/bin/sh5 -c "test -d "+dir+" -a -x "+dir+$
        " ";echo $?'], result, /sh
```

ENDELSE

```
return, (not fix(result(0)) ) ;convert result to int and NOT it.
```

END

```
;-----  
; procedure GETDIR  
;-----
```

```
; This routine finds the files or directories at the current directory level.
```

```

; It must be called with either files or directories as a keyword.
;-----

function getdirs

WIDGET_CONTROL, /HOUR

retval = ['..']
;added -a switch to get .* dirs
;change to /noshell, send errors to /dev/null
SPAWN, ["/bin/sh", "-c", "ls -laL 2>/dev/null"], /NOSHELL, results
numfound = N_ELEMENTS(results)
IF(KEYWORD_SET(results)) THEN BEGIN ;extension of ".dir"
    firsts = STRUPCASE(STRMID(results, 0, 1))
    dirs = (where(firsts EQ "D", found))
    IF (found GT 0) THEN BEGIN
        results = results(dirs)
        spaceinds = WHERE(BYTE(results(0)) EQ 32)
        spaceindex = spaceinds(N_ELEMENTS(spaceinds)-1)
        retval = [retval, STRMID(results, spaceindex + 1, 100)]
        ;;; get rid of "." and ".." that ls -laL picks up
        retval = retval(WHERE( (retval ne '.')and(retval ne '..')) )
    ENDIF
ENDIF
RETURN, retval
END ; function getdirs
;
```

```

FUNCTION getfiles, filter

WIDGET_CONTROL, /HOUR

SPAWN, ["/bin/sh", "-c", "ls -laL " + filter + $
" 2>/dev/null"], results, /NOSHELL ;added -a to get all files

IF(KEYWORD_SET(results)) THEN BEGIN
    firsts = STRUPCASE(STRMID(results, 0, 1))
    fileinds = (WHERE(((firsts EQ "F") OR (firsts EQ "-") OR $(
        firsts EQ "I")), found))
    IF (found GT 0) THEN BEGIN
        results = results(fileinds)
        FOR i=0, N_ELEMENTS(results) - 1 DO BEGIN
            spaceinds = WHERE(BYTE(results(i)) EQ 32)
            spaceindex = spaceinds(N_ELEMENTS(spaceinds) - 1)
            results(i) = STRMID(results(i), spaceindex + 1, 100)
        ENDFOR
        RETURN, results
    ENDIF
ENDIF
```

```

ENDIF
ENDIF
RETURN, ""
END

;-----
; procedure Pickfile_ev
;-----
; This procedure processes the events being sent by the XManager.
;-----
PRO Pickfile_ev, event

COMMON newpicker, pathtxt, filetxt, dirlist, filelist, sel_list, $
ok, selall, cancel, help, here, thefile, separator, $
swapbutt, swap_dat

WIDGET_CONTROL, filetxt, GET_VALUE = filt
filt = filt(0)

CASE event.id OF

cancel: BEGIN
    thefile = ""
    WIDGET_CONTROL, event.top, /DESTROY
END

filetxt: BEGIN
    files = getfiles(filt)
    WIDGET_CONTROL, filelist, SET_VALUE = files
    WIDGET_CONTROL, filelist, SET_UVALUE = files
END

selall: BEGIN
    WIDGET_CONTROL, filelist, GET_UVALUE = files
    IF (KEYWORD_SET(files)) THEN BEGIN
        thefile = here + files
        WIDGET_CONTROL, sel_list, GET_UVALUE=selectlist
        IF selectlist(0) EQ " THEN BEGIN
            selectlist = thefile
        ENDIF

        FOR i=0, n_elements(thefile)-1 DO BEGIN
            IF max((selpos=where(strpos(selectlist, thefile(i))) $ 
GE 0)) LT 0 THEN $
                selectlist = [selectlist, thefile(i)]
        ENDFOR
        WIDGET_CONTROL, sel_list, SET_VALUE=selectlist
        WIDGET_CONTROL, sel_list, SET_UVALUE=selectlist
    ENDIF

```

```
ENDIF
```

```
END
```

```
dirlist: BEGIN
```

```
    WIDGET_CONTROL, dirlist, GET_UVALUE = directories  
    IF (event.index GT N_ELEMENTS(directories) - 1) THEN RETURN
```

```
; Check an see if the directory is valid
```

```
if(not valid_dir(directories(event.index)) ) then return
```

```
IF (!version.os EQ "vms") THEN BEGIN
```

```
; Fixed logic error. If the users selects [-], the strpos/mid  
; combo would return a null string. Added a check for [-],index=0
```

```
if(event.index eq 0)then $  
    found = 3 $ ; len of [-]  
else $
```

```
found = STRPOS(directories(event.index), ".", 0)
```

```
CD, STRMID(directories(event.index), 0, found)
```

```
CD, CURRENT = here ;get pwd
```

```
ENDIF ELSE IF !version.os EQ 'Win32' THEN BEGIN
```

```
    message,"Unsupported on this platform"
```

```
ENDIF ELSE BEGIN
```

```
    CD, directories(event.index)
```

```
    CD, CURRENT = here
```

```
    here = here + separator
```

```
ENDELSE
```

```
WIDGET_CONTROL, pathtxt, SET_VALUE = here
```

```
directories = getdirs()
```

```
files = getfiles(filt)
```

```
WIDGET_CONTROL, filelist, SET_VALUE = files
```

```
WIDGET_CONTROL, filelist, SET_UVALUE = files
```

```
WIDGET_CONTROL, dirlist, SET_VALUE = directories
```

```
WIDGET_CONTROL, dirlist, SET_UVALUE = directories
```

```
END
```

```
pathtxt: BEGIN
```

```
    WIDGET_CONTROL, pathtxt, GET_VALUE = newpath
```

```
    newpath = newpath(0)
```

```
    len = STRLEN(newpath) - 1
```

```
    IF STRPOS(newpath, '/', len) NE -1 THEN $
```

```
        newpath = STRMID(newpath, 0, len)
```

```
    IF (valid_dir(newpath(0))) THEN BEGIN
```

```
        here = newpath(0) + separator
```

```
        CD, here
```

```

directories = getdirs()
files = getfiles(filt)
WIDGET_CONTROL, filelist, SET_VALUE = files
WIDGET_CONTROL, filelist, SET_UVALUE = files
WIDGET_CONTROL, dirlist, SET_VALUE = directories
WIDGET_CONTROL, dirlist, SET_UVALUE = directories
ENDIF ELSE $
    WIDGET_CONTROL, pathtxt, SET_VALUE = here
END

filelist: BEGIN
    WIDGET_CONTROL, filelist, GET_UVALUE = files
    IF (KEYWORD_SET(files)) THEN BEGIN
        thefile = here + files(event.index)
        WIDGET_CONTROL, sel_list, GET_UVALUE=selectlist
        IF selectlist(0) EQ " THEN BEGIN
            selectlist = thefile
            WIDGET_CONTROL, sel_list, SET_VALUE=selectlist
            WIDGET_CONTROL, sel_list, SET_UVALUE=selectlist
        ENDIF
        IF max((selpos=where(strpos(selectlist, thefile) GE 0))) LT 0 THEN BEGIN
            selectlist = [selectlist, thefile]
            WIDGET_CONTROL, sel_list, SET_VALUE=selectlist
            WIDGET_CONTROL, sel_list, SET_UVALUE=selectlist
        ENDIF ELSE BEGIN
            ;; check for substrings
            selpos = selpos(where(selpos GE 0))
            FOR i=0, n_elements(selpos)-1 DO $
                IF thefile EQ selectlist(selpos(i)) THEN GOTO, have_it
                selectlist = [selectlist, thefile]
                WIDGET_CONTROL, sel_list, SET_VALUE=selectlist
                WIDGET_CONTROL, sel_list, SET_UVALUE=selectlist
            Have_it:
        ENDELSE
        WIDGET_CONTROL, ok, GET_UVALUE=auto_exit
        IF (auto_exit) THEN GOTO, checkfile
    ENDIF
END

```

ok: GOTO, checkfile

```

Sel_list: BEGIN
    WIDGET_CONTROL, sel_list, GET_UVALUE=selectlist
    IF (KEYWORD_SET(selectlist)) THEN BEGIN
        thefile = selectlist(event.index)
        nf = n_elements(selectlist)
        CASE event.index OF
            0: BEGIN

```

```

IF nf EQ 1 THEN $
    selectlist = " "
ELSE $
    selectlist = selectlist(1:*)
END
nf-1: BEGIN
    IF nf EQ 1 THEN $
        selectlist = " "
    ELSE $
        selectlist = selectlist(0:nf-2)
    END
Else: selectlist = [ selectlist(0:event.index-1), $
                     selectlist(event.index+1:*)]
ENDCASE
WIDGET_CONTROL, sel_list, SET_VALUE=selectlist
WIDGET_CONTROL, sel_list, SET_UVALUE=selectlist
ENDIF
END

```

```

Swapbutt: BEGIN
    widget_control, swapbutt, get_val=butt_stat
    swap_dat = where(['No', 'Yes'] EQ butt_stat)
    swap_dat = swap_dat XOR 1
    widget_control, swapbutt, set_val=(['No', 'Yes'])(swap_dat(0))
END

```

```

Help: XDISPLAYFILE, "", $
GROUP=event.top, $
TITLE="File Selection Help", $
WIDTH=50, $
HEIGHT=13, $
TEXT=["
    This file selection widget lets you pick one",
    "or more files. The files are shown on the right.",
    "You can select a file by clicking on it with the",
    "mouse. The selections are shown in the lower",
    "frame. You can also deselect them there via",
    "mouseclick. Pressing the 'OK' button will accept",
    "the choice and the Cancel button will not. To",
    "move into a subdirectory, click on its name in",
    "the directory list on the left. The path can",
    "also be modified to view files from a different",
    "directory. The list of files can be modified by",
    "typing in a filter."]

```

```

ENDCASE
RETURN

```

checkfile:

```

WIDGET_CONTROL, sel_list, GET_UVALUE = temp
WIDGET_CONTROL, cancel, GET_UVALUE = existflag
widget_control, swapbutt, get_val=butt_stat
swap_dat = where(['No', 'Yes'] EQ butt_stat)
IF existflag THEN BEGIN
    ON_IOERROR, print_error
    FOR i=0, n_elements(temp) DO BEGIN
        OPENR, unit, temp(0), /GET_LUN
        FREE_LUN, unit
    ENDFOR
ENDIF
thefile = temp
WIDGET_CONTROL, event.top, /DESTROY
RETURN

print_error:
    WIDGET_CONTROL, selecttxt, SET_VALUE = "!!! Invalid File Name !!!"
    thefile = ""

```

END ;===== end of Pickfile event handling routine task =====

```

;-----
; procedure Pickfile
;-----
; This is the actual routine that creates the widget and registers it with the
; Xmanager. It also determines the operating system and sets the specific
; file designators for that operating system.
;-----
FUNCTION Pickfiles, GROUP=GROUP, PATH=PATH, READ=READ, WRITE=WRITE, $
    FILTER=FILTER, TITLE=TITLE, MUST_EXIST=MUST_EXIST, $
    FIX_FILTER=FIX_FILTER, FILE=FILE, SWAP_DATA=SWAP_DATA, $
    POSITION=pos

```

```

COMMON newpicker, pathtxt, filetxt, dirlist, filelist, sel_list, $
ok, selall, cancel, help, here, thefile, separator, $
swapbutt, swap_dat

```

```
IF(XRegistered("Pickfile")) THEN RETURN, 0
```

```
thefile = ""
existflag = 0
```

```
separator      = '/'
```

```
CD, CURRENT = dirsav
```

```

IF (N_ELEMENTS(PATH) EQ 0) THEN BEGIN
  PATH = dirs + separator
  here = PATH
ENDIF ELSE BEGIN
  IF(STRPOS(PATH, separator, STRLEN(PATH)- 1) EQ -1)$
    AND (PATH NE separator)THEN $
    PATH = PATH + separator
  CD, PATH           ;if the user selected
  here = PATH         ;a path then use it
ENDELSE

IF (KEYWORD_SET(NOCONFIRM)) THEN auto_exit = 1 ELSE auto_exit = 0
IF (KEYWORD_SET(MUST_EXIST)) THEN existflag = 1 ELSE existflag = 0
IF (KEYWORD_SET(FIX_FILTER)) THEN mapfilter = 0 ELSE mapfilter = 1
IF keyword_set(swap_data) THEN map_swap = 1 ELSE BEGIN
  map_swap = 0
  swap_data = 0
ENDELSE
swap_dat = swap_data

IF (N_ELEMENTS(FILE) EQ 0) THEN FILE = ""

IF (NOT (KEYWORD_SET(TITLE))) THEN $           ;build up the title
  TITLE = "Please Select the File(s)"          ;based on the keywords

IF (KEYWORD_SET(READ)) THEN TITLE = TITLE + " for Reading" $
ELSE IF (KEYWORD_SET(WRITE)) THEN TITLE = TITLE + " for Writing"

IF (KEYWORD_SET(FILTER)) THEN filt = FILTER ELSE filt = ""
directories = getdirs()
files = getfiles(filt)

version = WIDGET_INFO(/VERSION)
IF (version.style EQ 'Motif') THEN osfrm = 0 ELSE osfrm = 1

Pickfilebase = WIDGET_BASE(TITLE=TITLE, /COLUMN)
widebase = widget_label(Pickfilebase, value=title)
widebase = WIDGET_BASE(Pickfilebase, /ROW)
label = WIDGET_LABEL(widebase, VALUE="Path:")
pathtxt = WIDGET_TEXT(widebase, VAL=here, /EDIT, FR=osfrm, XS=50)
filtbase = WIDGET_BASE(Pickfilebase, /ROW, MAP=mapfilter)
filtlbl = WIDGET_LABEL(filtbase, VALUE="Filter:")
filttxt = WIDGET_TEXT(filtbase, VAL=filt, /EDIT, XS=10, FR=osfrm)
selections = WIDGET_BASE(Pickfilebase, /ROW, SPACE=30)
dirs = WIDGET_BASE(selections, /COLUMN, /FRAME)
lbl = WIDGET_LABEL(dirs, VALUE="Subdirectories      ")

```

```

dirlist = WIDGET_LIST(dirs, VALUE=directories, YSIZE=8, $
    UVALUE=directories)
fls = WIDGET_BASE(selections, /COLUMN, /FRAME)
lbl = WIDGET_LABEL(fls, VALUE="Files      ")
filelist = WIDGET_LIST(fls, VALUE=files, YSIZE=8, $
    UVALUE=files)
widebase = WIDGET_BASE(Pickfilebase, /COLUMN, /frame)
label = WIDGET_LABEL(widebase, VALUE="Selection(s)  ")
sel_list = WIDGET_LIST(widebase, value=file, uval=file, ys=10, xs=40)

rowbase = widget_base(Pickfilebase, /row, map=map_swap)
label = widget_label(rowbase, value='Byteswap Image data ?')
swapbutt = widget_button(rowbase, val=(['No', 'Yes'])(swap_dat))

rowbase = WIDGET_BASE(Pickfilebase, SPACE=20, /ROW)
ok = WIDGET_BUTTON(rowbase, VALUE="  Ok  ", $,
    UVALUE=auto_exit)
selall = WIDGET_BUTTON(rowbase, VALUE=" Select all ")
cancel = WIDGET_BUTTON(rowbase, VALUE=" Cancel  ", $,
    UVALUE=existflag)
help = WIDGET_BUTTON(rowbase, VALUE="  Help  ")

IF keyword_set(pos) THEN $
    widget_control, Pickfilebase, xoff=pos(0), yoff=pos(1)

WIDGET_CONTROL, Pickfilebase, /REALIZE

XManager, "Pickfile", Pickfilebase, EVENT_HANDLER="Pickfile_ev", $
    GROUP_LEADER=GROUP, /MODAL

CD, dirsave
filt = ""
swap_data = swap_dat(0)

RETURN, thefile

END ;===== end of Pickfile routine =====

```

---

#### File Attachments

1) [pickfiles.pro](#), downloaded 102 times

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Subject: Re: Multiple file selector? Great!  
 Posted by [rmlongfield](#) on Tue, 27 Oct 1998 08:00:00 GMT  
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In article <711hnv\$n7i\$2@gwdg.de>,  
 pit@uni-sw.gwdg.de wrote:

> -----\_uveYSaCHph/sZ4Oc7MBCGrJqj\_=---  
>  
> In article <3630BF91.76AB@west.raytheon.com>,  
> Eric Frans <epfrans@west.raytheon.com> writes:  
>> IDL folks,  
  
> I have modified the old Widget routine pickfile to do so (I'm still  
> using IDL 4.0). I've attached it below.  
>  
> Peter  
>  
> --  
> ~~~~~  
~~~~~  
> Peter "Pit" Suetterlin http://www.uni-sw.gwdg.de/~pit  
> Universitaets-Sternwarte Goettingen  
> Tel.: +49 551 39-5048 pit@uni-sw.gwdg.de  
> -- \* -- \* .... \* -- \* .... \* -- \* .... \* -- \* .... \* --  
> Come and see the stars! http://www.kis.uni-freiburg.de/~ps/SFB  
> Sternfreunde Breisgau e.V. Tel.: +49 7641 3492

Just a quick note. I tried this program and it is FANTASTIC! There's just an obsolete modal keyword message when I run it on IDL 5.0

Thanks Peter! And Eric for the question.

Rose

----- Posted via Deja News, The Discussion Network -----  
<http://www.dejanews.com/> Search, Read, Discuss, or Start Your Own

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Subject: Re: Multiple file selector?  
Posted by [Eric Frans](#) on Thu, 29 Oct 1998 08:00:00 GMT  
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Peter Suetterlin wrote:

>  
> I have modified the old Widget routine pickfile to do so (I'm still  
> using IDL 4.0). I've attached it below.

Thanks a lot for posting your procedure, I appreciate it!

- Eric Frans

---