
Subject: Re: troubles with findfile (now with attachment)

Posted by [Martin Schultz](#) on Tue, 17 Mar 1998 08:00:00 GMT

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Martin Schultz wrote:

>
> Hello once again,
>
> recently I had a chance to test IDL on two different SGI platforms
> (Power Challenge XL and Origin 200). Things went really well (and fast
> !), but then I came across one bug that diminished my enthusiasm
> somewhat: using the FINDFILE command would not always return all the
> files matching the search pattern. I wrote a little test program
> (see below) and ran it repeatedly using cursor up, enter, cursor up,
> enter, ... In about half of the tests, findfile did OK, the other half
> it returned a fraction of say 1/3 or 1/4 of all the files it should
> find. Interestingly, in case of the error, it was always the same number
> of files that was found. I never had this problem on any of the AIX
> workstations I worked on. Although it seems to me as if this could have
> to do with the Unix installation rather than with IDL, I'd like to know
> whether anyone else has experienced the same problem (or could run the
> attached test program and find out), and of course I would be most happy
> if someone has already found the answer.

>
> Thanks,
> Martin.

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```
pro testfilelist,filelist,detail=detail
```

```
; =====  
; check through filelist and determine which files have to be merged  
; =====
```

```
if (n_elements(filelist) lt 1) then begin  
    filelist = '*.dat'  
    print,'** WARNING : empty filelist ! Will try to merge all .dat files. **'  
endif
```

```
filenames = "  
for i=0,n_elements(filelist)-1 do $  
    filenames = [ filenames, findfile(expand_path(filelist(i))) ]
```

```
print,'FILENAMES contains ',n_elements(filenames),' elements !'
```

```
; first test for all files not found  
ind = where(filenames eq "")  
if (n_elements(ind) gt 1) then print,n_elements(ind)-1,' filenames empty !'
```

```
; now get valid names  
ind = where(filenames ne "")  
if (ind(0) lt 0) then begin  
    print,'** ERROR : Could not find any files in filelist ! Return. **'  
    return  
endif  
filenames = filenames(ind)
```

```
; loop through valid filenames and check if file exists  
if (keyword_set(detail)) then begin  
    for i=0,n_elements(filenames)-1 do begin  
        if file_exist(filenames(i)) then print,'file ',filenames(i),' found.' $  
        else print,'file ',filenames(i),' NOT found.'  
    endfor  
    print  
endif
```

```
return  
end
```

File Attachments

1) [testfilelist.pro](#), downloaded 91 times
