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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M	artin Schultz wrote:
>	Hello once again,
	Tiello 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 diminuished 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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e-mail: mgs@io.harvard.edu
IDL-homepage: http://www-as.harvard.edu/people/staff/mgs/idl/
pro testfilelist,filelist,detail=detail
 check through filelist and determine which files have to be merged
 if (n_elements(filelist) It 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) It 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 70 times