
Subject: Re: File Listings

Posted by [Brian C. Ballard](#) on Thu, 29 Aug 1996 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Bon Jour, autre temp,

This is a summary of what I found out about my original question.

Thanks to Jim Pendletom of RSI (US) and Peter Mason of CSIRO (AU) for their help.

Ayer, escribi:

> ---- Question ----

> Does anyone know how to get a simple directory listing (in text format)

> under windows? (Like "dir" in good old DOS.)

I feel foolish for missing the FINDFILE function in the manuals. Here's part of what I ended up writing if anyone cares (UNIX works, Windows not tested yet):

<begin>

...

'unix': begin

...

;Get the directory listing, send errors to bit bucket

spawn, ['/bin/sh', '-c', 'ls -1FLa ' + path + ' 2> /dev/null'], \$

junks, count = junkv, /noshell

;Dirs will end in "/", files don't

j = where(strpos(junkv, '/') ge 0, junkv)

if (junkv eq 0) then dirs = "" \$

else begin

;Build the dirs list from elements that ended in /

dirs = junkv(j)

;Chop the "/" from the end of each element

for i = 0, junkv-1 do \$

dirs(i) = strmid(dirs(i), 0, strlen(dirs(i))-1)

endelse

;Build file path/name, take care of root dir special case

if (path ne '/') then \$

junks2 = path + "/" + filt \$

else \$

junks2 = path + filt

...

end ;case UNIX

'Windows': begin

...

;Get the directory listing

junks = findfile(path + "\" + \"*.*)

;Dirs will end in '\', files don't

```
j = where( strpos( junks, '\') ge 0, junkv)
if (junkv eq 0) then dirs = "" $
else begin
  ;Build the dirs list from elements that ended in "\"
  dirs = junks(j)
  ;Chop the "\" from the end of each element
  for i = 0, junkv-1 do $
    dirs(i) = strmid( dirs(i), 0, strlen( dirs(i))-1)
  endelse
...
end ; case Windows
...
<end>
```

NB: path can not end in "/" (unix) or "\" (windows).

Brian C. Ballard

E-mail: bballard@orionint.com

WWW : <http://www.orionint.com/~bballard/>
