Subject: Re: Findfile in large directories
Posted by David Fanning on Fri, 06 Oct 2006 14:22:43 GMT
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Wox writes:

> In a widget application I'm making, I have "next file", "previous
> file" buttons which do the following:
>   ...
>   path = findfile(list.path+'*'+list.Format)
>   nfiles = n_elements(path)
>   path = SortListFiles(path,list.sortmethod,list.sortseparator)
>   ind = where(path eq list.path+list.file,count)
>   ...
>   <take next or previous file (if any) and read/display it>
>   ...
>
> The current loaded file is "list.path+list.file". SortListFiles sorts
> the files (in general not just string sort).
>
> However, in directories with up to 1000 or more files (usually also on
> an SMB mounted drive), this is rather slow (findfile takes most time).
>
> Any ideas how to make this faster?

FINDFILE is obsolete. Have you tried FILE_SEARCH?
No idea if it would be faster or not. I'd have guessed
the sorting would be the bottleneck here.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")