Subject: Re: Findfile finds no files` (linux NFS bug)
Posted by Robert Stockwell on Sat, 06 Apr 2002 19:27:06 GMT
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> Pete Riley <uk2@mac.com> writes:
>
>
>> Hi,
>>
>> I just came across a weird problem I'm not sure if it's been talked about
>> before. I'm using IDL 5.5 on linux RH 7.2. I ran some code which calls
>> findfile() last week and everything worked out fine. Today, it returns no
>> files, even with
>>
>> Print,findfile('*')
>>
>> Yet $ls shows all the files in the current directory.
>>
>> Has anyone come across this?
>>

I have, and had to write a piece of code that first checked
the OS, then if *nix, spawned a system command (ls) and then
where'd and strposed the results to get the filtered list.

I would like to point out another file list bug, that caused
many a grey hair.

Under linux redhat 7.0, the NFS has a bug in that for a directory
containg many files (12000 in my case), the filenames are not reported
correctly. Some files will be missing in the ls commands, and some will
be repeated. There are about 5% errors, i.e. a few hundred of files went
missing in ls commands, and a few hundred were repeated in the
'ls' command result.

By "missing" I mean that the file is really there, and can be opened and read
directly, but any "ls" command will not have the file in the result.

This caused my analysis of a large satellite data set to have many small holes
in it, which were only uncovered after I carefully went through the results.
UGH!

Upgrading linux to 7.2 seems to solve the problem

Cheers,
bob stockwell