On Jun 13, 7:05 am, Spon <christoph.b...@gmail.com> wrote:
> On Jun 13, 2:42 am, Andrew Cool <andrew.c...@dsto.defence.gov.au>
> wrote:
>
>
>
>> On Jun 12, 9:23 pm, Spon <christoph.b...@gmail.com> wrote:
>
>>> Hi,
>
>>> our archive has a large folder that holds all our data folders (this
>>> is a requirement of our data acquisition software). These folders tend
>>> to have names that start with a researcher's initials, e.g.
>>> 'RB1006_17.Xz0'.
>
>>> Is there any clever way to get Dialog_Pickfile to display only certain
>>> folders as defined by a regexp? Unfortunately very little can be
>>> gleaned from the extension, which the acquisition software allocates
>>> by some mystic method, and cannot be changed unless I never want that
>>> software to recognise the data folder ever again (I _DON'T_ want to do
>>> this...)
>
>>> I've been playing around with the FILE and FILTER keywords, but they
>>> only seem to control file extensions, and are unable to filter by
>>> searching the file name.
>
>>> What I'm looking for is something like this:
>
>>> CD, ArchiveDir
>>> Dir = Dialog_Pickfile(/Read, /Must_Exist, /Dir, Filter = 'RB*.*')
>
>>> That would show only those sub-folders within ArchiveDir that have
>>> 'RB' in their name. But it doesn't work. Neither with nor without /
>>> Directory set.
>>> I'd rather not have to write my own pickfile widget if there's a
>>> clever way of using the inbuilt one :-)
>
>>> Thanks,
>>> Chris
>
>> Chris,
>
>> Are you sure that Dialog_pickfile is want you want to use?
>

>> IDL> cdir = file_search('C:\c*',/test_dir)
>> IDL> print,cdir
>> C:\CR C:\Cool
>> IDL> help,cdir
>> CDIR   STRING   = Array[2]
>
>> This returns just the two directories on my C:\ drive that start with
>> 'c'
>
>> Cheers,
>
>> Andrew
>
> Thanks Bob, Vince & Andrew, all very helpful suggestions.
>
> Well spotted, Vince, it's ParaVision. Thanks for the info regarding
> filenames. Makes sense now that I look back on it!
>
> The symbolic link idea is good. How cross-platform compatible is it?
> Our archive is linux, but our users use macs & windows boxes.
> I think Andrew's idea of using File_Search (and then a combobox, I
> guess) looks very promising though, so that's my first port of call.
>
> Thanks,
> Chris

How cross-platform compatible is it? NOT.

We have the same issues. What you can do is use symbolic links to
"fool" the paravision system, and move the files/directories wherever
you want.

```
%> cd /opt/PV3.0.2/username
%> ln -s ArchiveDir nmr  [now paravision will store data in ArchiveDir
- we do this for everyone so that they all use the same folder]

Then...
%> cd ArchiveDir
%> mv RB1006_17.Xz0 /where/I/really/want/the/data/RB1006_17
%> ln -s /where/I/really/want/the/data/RB1006_17 RB1006_17.Xz0
```

Of course you can automate this using shell-scripts, etc.