Subject: Tips for IDL-istic file transfer...? Please help me.
Posted by Harry Kim on Mon, 10 May 2010 08:55:47 GMT

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Hi, all! I need your help. I have about 3200 folders. Each folder has 2 or 8 files in there.

I am trying to move files in those folders into one folder.

the folder's names are as follows.

'2000.01.01', '2000.01.02', '2000.01.03'... ,'2008.12.31'.

I want to move the files in these folders into one file named '2000-2008'.

After I have been repeating to open one folder, to cut files, and to copy them into one folder for 15 minutes manually, I feel very stupid. I think there must be some way in IDL, but I cannot figure out what to do.

Can someone get me out of this stupidity? Please let me know an IDL-istic solution for this problem.

Thanks.

Harry

Subject: Re: Tips for IDL-istic file transfer...? Please help me.
Posted by Wout De Nolf on Wed, 12 May 2010 11:28:28 GMT

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On Wed, 12 May 2010 13:23:23 +0200, Wox <spam@nomail.com> wrote:

> Mind the double "\\" in the stregex input. Also "200[7]" can just be
> written "2007". The square brackets indicate a range (e.g. from 0 to
> 8). Since you one have one number, you can omit the range
>
>

On second thought, when you have only one year, you can omit the stregex. This was only necessary to extract the years 2000 till 2008 from all 200? years (i.e. omitting 2009)

Pro Movefile_051110
 source=file_search('D:\MODIS11\Data\MYD11A1.005\2007.??.??\' ,'*.*')
path='D:\MODIS11\Data\\MYD11A1.005\2007\'

```
file_mkdir,path
file_move,source,path+file_basename(source)
end
```

Subject: Re: Tips for IDL-istic file transfer...? Please help me.
Posted by Paul Van Delst[1] on Wed, 12 May 2010 21:00:55 GMT

Harry Kim wrote:
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> 2 or 8 files in there.
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> copy them into one folder for 15 minutes manually, I feel very stupid.
> I think there must be some way in IDL, but I cannot figure out what to
> do.
>
> Can someone get me out of this stupidity? Please let me know an IDL-
> istic solution for this problem.

The question's been answered, but IDL isn't the ideal (pun intended :o) tool here... IMO
at least. What about:

```
#!/bin/sh
old_dirs=`ls -d 20??.*`
new_dir="2000-2008"
test -d ${new_dir} || mkdir ${new_dir}
for dir in ${old_dirs}; do
  mv ${dir}/* ${new_dir}
done
```

in regular old shell??

Disregard if you're a windows user of course....

cheers,

paulv