

Re: Sort files by filename

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-07/msg05268.html>

- *From:* "Mikkel L. Ellertson" <mikkel@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 31 Jul 2007 16:37:22 -0500
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Les Mikesell wrote:

Mark Haney wrote:

```
count=xx
for i in $(ls <something>* | sort) ; do
```

^^^^^^^^^^^^^^

The |sort isn't necessary since the shell always returns wild-card expansions in sorted order. In fact the ls isn't necessary either since the shell has already generated the list.

You are correct, it is not necessary in the example – I put it in as an option if you were not sorting on the entire file name, but on a specific field. You have more options on how you sort by piping the list through sort. In this case, the -k or -M options may be handy.

for i in something*
will do the same thing.

```
file_num=$(cut --delimiter=_ -f1 $i)
while [ $count -lt $file_num ] ; do
echo Missing file number $count count++
done
done
```

This is great. I think now I have enough pieces to make something work. I appreciate all the help.

The above doesn't help if you lose the 1st or last bunch of files. Do you always get the same set every day?

Re: Sort files by filename

It will catch if the first file is missing – the first entry will be greater than count. If you know in advance how many files there should be, you could add a test to see if the last file is xx+number, as well as using that as an exit for the while loop.

As I had stated in the comments after the script, it was not intended as a finished solution, but as a starting point for building something that fit data better.

Mikkel

—

Do not meddle in the affairs of dragons,
for thou art crunchy and taste good with Ketchup!

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Description: OpenPGP digital signature

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