

Re: Sort files by filename

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-07/msg05269.html>

- *From:* Les Mikesell <lesmikesell@xxxxxxxxxx>
 - *Date:* Tue, 31 Jul 2007 16:44:51 -0500
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Les wrote:

Using C, you could open the directory, sort the list, compare for a desired sequence from a starting value to an ending value and pass out a list of missing files, and it would take only milliseconds, primarily limited by disk access speed.

Milliseconds aren't so hard to match these days. Let's try my 'compare to list' shell approach:

```
# time ls * |comm -13 - ../list
5
6
```

```
real 0m0.007s
user 0m0.002s
sys 0m0.007s
```

Note that it is dominated by the system time anyway – although you have to wonder about the math there – maybe both processors get counted.

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—
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