

# 4.0 Unix & Linux Tools with Common Recipes

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## Detailed Articles

## Useful One Off Recipes

### Disk Management

List directories from largest to smallest at the top level only. On older system **h** will not work and you must use **k**.

```
du -sh * | sort
```

### Long Running Processes

Look for long running processes,

To write.

## Information

### Last

Last searches back through the file `/var/log/wtmp` (or the file designated by the `-f` flag) and displays a list of all users logged in (and out) since that file was created.

### Lastb

Lastb is the same as last, except that by default it shows a log of the file `/var/log/btmp`, which contains all the bad login attempts.

### Quick String Manipulation

Quick reference of manipulating standout,

```
echo "some_file_name.txt" | tr "_" " " # result will be "some file  
name.txt"  
paste oldName.txt newName.txt > runMe.txt # connects line by line to  
contents of both files together
```

## Integrity Checking

### MD5

Check if a file is corrupt,

```
# On Ubuntu  
md5sum /path/to/file  
  
# On Solaris  
digest -a md5 -v /path/to/file
```