

# Best of Bash

```

sudo apt install <package_name> ..... install package_name
alias aliasname='<command(s)>' ..... make an alias (temporary shortcut)
cat <file> | xxd -b | more ..... print file in binary
cd - ..... back to the previous directory
cd ../.. ..... go up a directory twice
grep -r <str> ..... search current directory for str
head -n <n> <file> ..... print from 0 to the nth line of the file
tail -n <n> <file> ..... print from the nth line to the end of file
hexdump -C <file> ..... print hex of file
history | awk '{print $2}' | awk 'BEGIN {FS="|"}{print $1}' | sort | uniq -c | sort -nr | head -n <n>
..... print top n commands used
ifconfig ..... see your network interfaces
ifup <interface> ..... put interface up
ifdown <interface> ..... take interface down
ls -d */ ..... list only subdirectories from current dir
ls -lthr ..... list files by most recently modified
thunar <file> ..... open files in default program
touch {file1 file2. . . fileN} ..... create new empty files
tree ..... ls but with a tree structure
!! ..... run the last command again
!!:* ..... run a command with previous args
!<cmd> ..... run the most recent command that starts with cmd
!<cmd>:p ..... print out the word that !$ would substitute
!-1..... run last command again
!* ..... run last command again without first string
!$ ..... run the last word of the previous command (same as Alt + .)

```

Impress your friends:

```
cowsay -l
fortune | cowsay
cowsay -f dragon | lolcat
doge
echo '<str>' | doge
```

### Resources:

Permanent alias: <http://www.hostingadvice.com/how-to/set-command-aliases-linuxubuntu debian/>  
Tmux (screen multiplexer): <https://hackernoon.com/a-gentle-introduction-to-tmux-8d784c404340>  
Screen (screen multiplexer): <https://www.tecmint.com/screen-command-examples-to-manage-linux-terminals/>  
Netcat: <http://opensourceforu.com/2016/07/netcat-tcpip-swiss-army-knife/>  
vimrc: <https://github.com/amix/vimrc>  
tree: <https://www.computerhope.com/unix/tree.htm>