

# Bash

- `|` -h
- `--help` ( )
- `man` ( ) ( , /+ )
- `Ctrl + c`
- `TAB`
- `|`
- `history`
- `Ctrl + r`
- `clear`
- `pwd`
- `firefox&` & Firefox PID
- `jobs`
- `ifconfig` IP
- `curl ifconfig.me` IP
- `curl ip.cn` IP
- `locate` / Windows everything
  - `updatedb` locate locate locate
- `date`
  - `date -s20080103`
  - `date -s18:24` `hwclock --systohc`
- `cal`
- `uptime`
- `cat`
- `cat -n`
- `more` *Ctrl + Bspace*
- `less`
  - **j k**
  - **/ n**
  - **n**
- `shutdown`
  - `shutdown -hnow`
  - `shutdown -h+10` 10
  - `shutdown -h23:30` 23:30
  - `shutdown -rnow`
- `poweroff`
- `reboot`
- `zip mytest.zip /opt/test/` /opt test/ mytest zip
  - `unzip mytest.zip` mytest.zip
  - `unzip mytest.zip -d /opt/setups/` mytest.zip /opt/setups/
- `tar -cvf mytest.tar mytest/` mytest/
- `tar -xvf mytest.tar` mytest.tar
  - `tar -xvf mytest.tar -C /opt/setups/` mytest.tar /opt/setups/
- `last`
- `lastlog`

- `ls`
  - `ls -a` . /
  - `ls -R` /
  - `ls -a -R` /
  - `ls -al`
  - `ls -ld`
  - `ls -t`
  - `ls -F` / \* @
  - `ls -lg`
  - `ls -lh`
  - `ls /opt | head -5` opt 5
  - `ls -l | grep '.jar'` jar
  - `ls -l /opt | grep "^-" | wc -l` opt
  - `ls -lR /opt | grep "^-" | wc -l` opt
  - `ls -l /opt | grep "^d" | wc -l` opt
  - `ls -lR /opt | grep "^d" | wc -l` opt
  - `ls -lR /opt | grep "js" | wc -l` opt js
  - `ls -l`

```
-rwxr-xr-x. 1 root root 4096 3 26 10:57 -
lrwxrwxrwx. 1 root root 4096 3 26 10:57 l Windows
drwxr-xr-x. 5 root root 4096 3 26 10:57 d
```

- `cd`
  - `cd ..` ( )
  - `cd ~`
  - `cd`
  - `cd -`
  - `cd dir1/` dir1
  - `cd ~user`
  - `cd ../user` user
  - `cd ../../`
- `cp`
  - `cp -r`
  - `cp -r -v` ( )
  - `cp /usr/share/easy-rsa/2.0/keys/{ca.crt,server.{crt,key},dh2048.pem,ta.key} /etc/openssl/keys/`
- `tar cpf - . | tar xpf - -C /opt` /opt cp
- `mv`
  - `mv`
- `touch` / ( )
- `mkdir`
- `mkdir -p /opt/setups/nginx/conf/` conf nginx
- `rmdir` ( )
- `rm`
  - `rm -r`
  - `rm -r -i` ( , yes)
  - `rm -r -f`

- `rm -r -f 1/ 2/ 3/`
- `find`
  - `find . -name *lin*` . -name / \*lin\* lin
  - `find . -iname *lin*` . -iname / \*lin\* lin
  - `find / -name *.conf` / \*.conf .conf
  - `find /opt -name .oh-my-zsh` /opt .oh-my-zsh / oh-my-zsh
  - `find /opt -type f -iname .oh-my-zsh` /opt -type f .oh-my-zsh oh-r
  - `find /opt -type d -iname .oh-my-zsh` /opt -type d .oh-my-zsh oh
  - `find . -name "lin*" -exec ls -l {} \;` lin ls -l
  - `find /opt -type f -size +800M -print0 | xargs -0 du -h | sort -nr` /opt 800 M
  - `find / -name "*tower*" -exec rm {} \;`
  - `find / -name "*tower*" -exec mv {} /opt \;` opt
  - `find . -name "*" | xargs grep "youmeek"` youmeek
  - `find . -size 0 | xargs rm -f &` 0
  - `du -hm --max-depth=2 | sort -nr | head -12` 12
- `cat /etc/resolv.conf` DNS
- `netstat -tlunp`
- `env`
- `export`
- `echo`
  - `echo $JAVA_HOME` JAVA\_HOME
  - `echo " " "`
  - `echo > aa.txt aa.txt: > aa.txt` :
- `unset $JAVA_HOME`
- `ln -s /opt/data /opt/logs/data` /opt/logs data /opt/data
- `grep`
  - `shell grep -H ' ' *.sh` sh
  - `grep 'test' java*` java test
  - `grep 'test' spring.ini docker.sh` spring.ini docker.sh test
- `ps`
  - `ps -ef| grep java` java
  - `ps -ef| grep --color java` java
- `kill`
  - `kill 1234` pid 1234
  - `kill -9 1234` pid 1234
  - `killall java` java
  - `ps -ef| grep hadoop| grep -v grep| cut -c 9-15| xargs kill -9` hadoop
- `head`
  - `head -n 10 spring.ini` 10
- `tail`
  - `tail -n 10 spring.ini` 10
  - `tail -200f` 200

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