

GENERIC LINUX COMMANDS

RENAME 'The' ROMS

1. Dry-run preview (generates rename list without executing):

```
find /mnt/DOCS1/ROMs/Library/roms -type f -name "*, The*" | sort | while
IFS= read -r filepath; do
    dir=$(dirname "$filepath")
    filename=$(basename "$filepath")
    if echo "$filename" | grep -qP '^w.*\+.*[, ] The '; then
        newname=$(echo "$filename" | sed 's/\(+ \)\(.*\) , The \(.*\) / \1The
\2 \3/')
    else
        newname=$(echo "$filename" | sed 's/^\(.*\) , The \(.*\) $ / The \1
\2/')
    fi
    echo "$dir | '$filename' -> '$newname'"
done
```

2. Execute renames:

```
find /mnt/DOCS1/ROMs/Library/roms -type f -name "*, The*" | sort -u |
while IFS= read -r filepath; do
    dir=$(dirname "$filepath")
    filename=$(basename "$filepath")
    # Special case: combo pack where ", The" belongs to a subtitle within
the combo
    if echo "$filename" | grep -qP '^w.*\+.*[, ] The '; then
        newname=$(echo "$filename" | sed 's/\(+ \)\(.*\) , The \(.*\) / \1The
\2 \3/')
    else
        newname=$(echo "$filename" | sed 's/^\(.*\) , The \(.*\) $ / The \1
\2/')
    fi
    if [ "$filename" != "$newname" ]; then
        mv -- "$filepath" "$dir/$newname"
        echo "Renamed: $filename"
    fi
done
```

Key sed patterns:

- Standard: `s/^\(.*\) , The \(.*\) $ / The \1 \2/` — captures everything before , The as \1 and everything after as \2, then prepends The
- Combo pack: `s/\(+ \)\(.*\) , The \(.*\) / \1The \2 \3/` — moves The to before the subtitle within a +- delimited combo title

RENAME 'A', 'An' ROMS

Dry-run preview:

```
find /mnt/DOCS1/ROMs/Library/roms -type f \( -name "*", A *" -o -name "*",
An *" \) | sort | while IFS= read -r filepath; do
    dir=$(dirname "$filepath")
    filename=$(basename "$filepath")
    newname=$(echo "$filename" | sed 's/^\(.*\) \(\An\{0,1\}\) \(.*\)$/\2
\1 \3/')
    echo "'$filename'"
    echo "  -> '$newname'"
done
```

Execute renames:

```
find /mnt/DOCS1/ROMs/Library/roms -type f \( -name "*", A *" -o -name "*",
An *" \) | sort | while IFS= read -r filepath; do
    dir=$(dirname "$filepath")
    filename=$(basename "$filepath")
    newname=$(echo "$filename" | sed 's/^\(.*\) \(\An\{0,1\}\) \(.*\)$/\2
\1 \3/')
    if [ "$filename" != "$newname" ]; then
        mv -- "$filepath" "$dir/$newname"
        echo "Renamed: '$filename' -> '$newname'"
    fi
done
```

Key sed pattern:

1. `s/^\(.*\) \(\An\{0,1\}\) \(.*\)$/\2 \1 \3/` — `\(\An\{0,1\}\)` matches either A or An, captures it as `\2`, then reconstructs as `\2 \1 \3`

LMS PROD OPEN NEW TERMINAL

```
gnome-terminal --geometry=157x54+0+0 --tab --command="ssh
lms05.lms.ecu.edu.au" --tab --command="ssh lms07.lms.ecu.edu.au" --tab --
command="ssh lms08.lms.ecu.edu.au" --tab --command="ssh
lms10.lms.ecu.edu.au" --tab --command="ssh lms14.lms.ecu.edu.au" &
```

RUN COMMAND AS ANOTHER USER

```
# sudo -u zabbix /app/wcms/bin/webmonitor homepage_nocache
```

LIST LAST 5 RPMS INSTALLED

```
# rpm -qa --queryformat '%{installtime} (%{installtime:date}) %{name}\n' |  
sort -n | tail -5
```

STRIP NON-DIRECTIVES FROM CONFIG

```
# egrep -v "^#|^$|[ ]*#" /etc/httpd.alt/conf/httpd.conf | less
```

FIND SEGFAULTS IN APACHE ERRORS SORTED BY DATE

```
# zcat /var/log/httpd/error_log.*.gz |grep Seg|sort -k2|less  
# cat /var/log/httpd/error_log |grep Seg|sort -k2|less
```

DISPLAY LIST OF LAST REBOOT ENTIERES

```
# last reboot | less
```

CREATE SYMBOLIC LINKS

```
# ln -s /app/wcms/bin/findroots /usr/local/bin/
```

LOGIN TO INTERNAL FIREWALL (from 139.230.244.)

```
# telnet jogwint.net.ecu.edu.au 259
```

READ SSH KEY PROPERTIES

```
$ ssh-keygen -lf .ssh/id_rsa.pub
```

SET PEAR TO USE PROXY

```
# pear config-set http_proxy  
http://bpm_applications:CRamge05@proxy.ecu.edu.au:80
```

SET PROXY ENV

```
# export http_proxy="http://bpm_applications:CRamge05@proxy.ecu.edu.au:80"
```

TAR CHECK

```
# tar -ztvf ../../wcms.ecu/bak/ecu_3_20_3-2009-08-25_10-08-backup.tar.gz|grep .dump
```

EXTRACT SINGLE FILE FROM TAR

```
$ tar -zxvf ../../wcms.ecu/bak/ecu_3_20_3-2009-08-25_13-56-backup.tar.gz  
ecu_3_20_3/wcmsqa-2009-08-25_13-56.dump
```

TAR WITH EXCLUDE

```
cd /var/lib/docker/volumes/  
tar --exclude='fw_stack_postgres-data/_data/backups/*.gz' -cvzf  
fw_stack_postgres-data_`date +%Y-%m-%dT%H-%M-%S`.tgz fw_stack_postgres-data/  
rsync -av *.tgz /workspace/backups.kargath/volumes/  
  
$ tar cvzf filename.tar.gz /dir1/dir2 --exclude "/dir1/dir2/direxcluded"
```

MOVE FOLDER INTO ANOTHER FOLDER

```
# rsync -av CLT webarchive/
```

RSYNC to local desktop

```
# rsync -avze ssh weekly/StaffDirLINUX  
sspaldin@10.31.66.91:/cygdrive/c/Users/sspaldin/Desktop  
rsync -avze ssh sspaldin@10.31.66.91:/cygdrive/c/Users/sspaldin/Desktop
```

RSYNC EXCLUDE

```
$ rsync -avze ssh --exclude 'cache' --exclude 'data' root@webcms-jo-app-  
prod01.cit.ecu.edu.au:/app/wcms/ecu_3_22_3/ .
```

RESTORE FILES FROM BACKUP

```
# dsmc restore -inactive -pick /s02/vhosts/web01.ads.ecu.edu.au/htdocs/server/code/</code>
```

RESTORE FILES TO A DIFFERENT LOCATION

```
# dsmc restore -pick -inactive -todate=29-09-2009  
"/s01/wcms/ecu_3_22_3/data/private/logs/*.lo*" /tmp/restore/ -preser=none
```

Note: symbolic links don't work

SOSREPORT

```
# sosreport -k  
apache.log=on,cluster.gfslockdump=on,cluster.lockdump=on,devicemapper.lvmdump  
p=on,general.syslogsize=on,kernel.modinfo=on,networking.traceroute=on,rpm.rp  
mva=on,yum.yumlist=on,
```

LIST PHP.INI

```
# grep -v "^;" /etc/php.ini | grep -v "^$" | less
```

LIST PACKAGES

```
# rpm -qa |sort > /app/wcms.ecu/`hostname`-rpms.txt
```

LIST FILES IN PACKAGE

```
# rpm -ql httpd
```

LIST OPEN FILES, SORTED BY SIZE, OUTPUT TO DATED FILE

```
# lsof /s02 |sort -nr --key=7 |awk '{print $1,$2,$3,$7,$9}'  
>/tmp/lsof_s02_`date +%Y-%m-%dT%H-%M-%S`.txt
```

WGET A PAGE SPECIFYING A HEADER AND OUTPUT FILE AND DISPLAYING HEADERS

```
# wget -S --no-cache --header "Host: www.ecu.edu.au" http://www.ecu.edu.au/-0 index.html
```

WATCH APACHE LOG FOR WARNINGS

```
# tail -f -n0 /var/log/httpd/error_log|grep warning
```

UNTAR SINGLE FILE/DIRECTORY

```
# tar -x ecu_3_28_5/data/private/conf/* -vzf ecu_3_28_5-2011-08-11_11-23-backup.tar.gz  
# tar -x ecu_3_28_5/core/lib/web/images/icons/asset_map/matrix_logo.gif -vzf ecu_3_28_5-2011-08-11_11-23-backup.tar.gz
```

Source

commands.txt on Seagate 3TB

(H:\Personal\BAK\WHD71610013\Documents\Documentation\commands.txt)

From:
<https://rpi64-wired.seanys.com/> - It's in The Wiki

Permanent link:
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