

A Quick Terminal Tutorial

#FFmpeg #archives
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1

Essential commands

- ls
- cd
- hexdump
- cp
- rm
- tar
- md5
- split
- cat
- chmod
- date
- cal

2

Help

Built in help

Syntax: *command* -h

Example: % **chmod -h**

man pages

Syntax: man *command*

Example: % **man chmod**

3

date

4

`% date`

5

`cal`

6

`% cal`
`% cal -h`
`% cal 1963`
`% cal 5 2013`
`% cal -m 5`
`% cal`
`% ncal`

7

`ls`

8

```
% ls
% ls -l
% ls -l -a
% ls -la
```

9

cd

10

```
% cd /
% ls -l
% cd ~
% ls -l
% cd ..
% ls -l
% cd ~/Desktop
% ls -l
% ls *.mov
```

11

hexdump

12

Syntax

```
hexdump [-bcCdovx] [-e fmt]
[-f fmt_file] [-n length] [-s skip] [file ...]
```

13

```
% hexdump mandelbrot.mov
% hexdump -n 1024 mandelbrot.mov
% hexdump -C -n 1024 mandelbrot.mov
```

14

```
[Castor:~/Desktop] rk% hexdump -C -n 1024 mandelbrot.mov
00000000 00 00 00 14 66 74 79 70 71 74 20 20 00 00 02 00 |....ftypqt ....|
00000010 71 74 20 20 00 00 00 08 77 69 64 65 02 5b e3 41 |qt ....wide.[A|
00000020 6d 64 61 74 00 00 02 a0 06 05 ff ff 9c dc 45 e9 |mdat.....E.|
00000030 bd e6 d9 48 b7 96 2c d8 20 d9 23 ee ef 78 32 36 |...H...e .#.x26|
00000040 34 20 2d 20 63 6f 72 65 20 31 32 35 20 2d 20 48 |4 - core 125 - H|
00000050 2e 32 36 34 2f 4d 50 45 47 2d 34 20 41 56 43 20 |.264/MPEG-4 AVC |
00000060 63 6f 64 65 63 20 2d 20 43 6f 70 79 6c 65 66 74 |codec - Copyleft|
00000070 20 32 30 30 33 2d 32 30 31 32 20 2d 20 68 74 74 | 2003-2012 - htt|
00000080 70 3a 2f 2f 77 77 77 2e 76 69 64 65 6f 6c 61 6e |p://www.videolan|
00000090 2e 6f 72 67 2f 78 32 36 34 2e 68 74 6d 6c 20 2d |.org/x264.html -|
000000a0 20 6f 70 74 69 6f 6e 73 3a 20 63 61 62 61 63 3d | options: cabac=|
000000b0 31 20 72 65 66 3d 33 20 64 65 62 6c 6f 63 6b 3d |1 ref=3 deblock=|
000000c0 31 3a 30 3a 30 20 61 6e 61 6c 79 73 65 3d 30 78 |1:0:0 analyse=0x|
000000d0 33 3a 30 78 31 31 33 20 6d 65 3d 68 65 78 20 73 |3:0x113 me=hex s|
000000e0 75 62 6d 65 3d 37 20 70 73 79 3d 31 20 70 73 79 |ubme=7 psy=1 psy|
000000f0 5f 72 64 3d 31 2e 30 30 3a 30 2e 30 30 20 6d 69 |_rd=1.00:0.00 mi|
00000100 78 65 64 5f 72 65 66 3d 31 20 6d 65 5f 72 61 6e |xed_ref=1 me_ran|
00000110 67 65 3d 31 36 20 63 68 72 6f 6d 61 5f 6d 65 3d |ge=16 chroma_me=|
00000120 31 20 74 72 65 6c 6c 69 73 3d 31 20 38 78 38 64 |1 trellis=1 8x8d|
```

15

cp

16

```
% ls
% cp mandelbrot.mov mandelbrot_1.mov
% ls
```

17

rm

18

ACHTUNG: den Befehl

```
% rm *
```

NIE benützen!!!

19

Immer den Parameter
-i benützen!

```
% ls
% rm -i mandelbrot_1.mov
% ls
```

20

tar

21

```
% tar -czvf mandelbrot.mov.gz  
mandelbrot.mov  
% ls
```

22

md5

23

```
% md5 -x  
% md5 mandelbrot.mov  
% md5 -q mandelbrot.mov  
% md5 -q mandelbrot.mov.gz
```

24

split

25

```
% ls  
% split -b1m mandelbrot.mov teil_  
% ls
```

26

cat

27

```
% cat teil_* > ganz.mov  
% ls  
% cat ganz.mov  
% md5 -q mandelbrot.mov  
% md5 -q ganz.mov
```

28

chmod

29

Syntax

```
chmod [-fhv] [-R [-H | -L |  
-P]] [-a | +a | =a [i][#  
[ n]]] mode|entry file ...
```

```
chmod [-fhv] [-R [-H | -L |  
-P]] [-E | -C | -N | -i | -  
I] file ...
```

30

```
% chmod +x test.sh
```

31

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32