

A Quick Terminal Tutorial

**Archivi audiovisivi
nell'era digitale**
@RetoKromer (@retoch)
2014-11-06

1

```
date
```

2

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

3

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

4

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

5

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

6

```
[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.,. .#.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|
```

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```
000002e0 e4 81 5f 96 fc 85 d3 fc a3 4c 78 d4 8f c2 c2 c1 |.._.....Lx.....|
000002f0 6b 5a 45 d1 ef 5f ca 1e eb 20 45 7f a7 de da a2 |kZE._... E.....|
00000300 18 d2 31 00 66 cd 1f ac 52 83 e2 51 bd 00 e9 b1 |..1.f...R..Q....|
00000310 09 dc 0d d3 99 09 39 b4 2c 1e 54 b0 38 8d 7a aa |.....9.,.T.8.z.|
00000320 82 4b 7b d1 a3 b7 c6 3f 4e 1e 4f 65 90 7f db 10 |.K{....?N.Oe....|
00000330 5c 29 d9 42 90 d7 f4 18 e8 6a be 57 62 03 34 b5 |)\.B.....j.Wb.4.|
00000340 05 63 d7 2d 4f 83 57 90 34 2e 03 33 06 c4 cf 1f |.c.-0.W.4..3....|
00000350 c6 02 92 b0 ad 04 39 71 09 e9 3c 41 9e 74 57 7f |.....9q..<A.tW.|
00000360 19 c3 f2 f3 15 a2 b2 10 2b d1 44 37 6e a9 04 58 |.....+.D7n..X|
00000370 de 30 72 96 06 f1 f1 03 ac 24 d2 0c f1 01 8f 4e |.0r.....$. ....N|
00000380 ba 07 35 23 17 93 23 f2 9a 09 2f fa be 5c 80 af |..5#..#.../...\..|
00000390 e0 82 6c f0 6a ca a0 22 c6 e4 0b c1 4c 71 8f 34 |..l.j.."....Lq.4|
000003a0 f2 15 5d a5 58 c6 5d 60 f2 7f 70 eb 3c d2 76 79 |...X.]`.p.<.vy|
000003b0 9d 22 5d 5f a0 28 0c 2a 43 f5 50 ae 0d 87 5d d8 |["_.(.*C.P...)|
000003c0 21 4e 70 54 a4 a6 63 09 46 01 c2 e0 0f f6 e3 55 |!NpT..c.F.....U|
000003d0 87 c1 67 b5 0c 24 59 e5 86 50 79 a4 63 00 ad 77 |..g..$Y..Py.C..w|
000003e0 08 86 bf 61 0d b2 a9 ae e5 9b ba ec f8 33 92 6b |...a.....3.k|
000003f0 1e 8d 5a 6b 87 22 c1 9e c5 b3 da f3 58 0b c3 7b |..Zk.".....X..{|
00000400
[Castor:~/Desktop] rk% _
```

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```
[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.,. .#.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|
```

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

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Usare **SEMPRE** il
parametro **-i**

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

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

ls
```

12

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

13

```
ls
split -blm mandelbrot.mov parte_
ls
```

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```
cat parte_* > intiero.mov
ls
cat intiero.mov
md5 -q mandelbrot.mov
md5 -q intiero.mov
```

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AV Preservation by reto.ch LLC

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