D64TOOL

ABOUT

d64tool is a multipurpose tool for d64 files from command line. With this tool you can:

- Show the directory with different options like CRC checksum and real block count
- Export the directory to a .csv file
- Export tracks and sectors for use in assembler code
- Remove files form the directory
- Delete files
- Show the BAM
- Show disk blocks
- New in V1.1
  - Unlink data from directory entry
  - Crop file names
  - Move filenames to right

V1.1 added (experimental) support for Ubuntu/Linux.

USAGE

```
d64tool.exe      [-v[a|t|s|f|n|b|c|p]]      <d64 file> [<dest file>]
                 [-csv]
                 [-rd|-ud|-sd num [last]]
                 [-cf|-mf n num [last]]
                 [-start num addr]
                 [-adel]
                 [-block [track [sector]]]
                 [-bam]
```
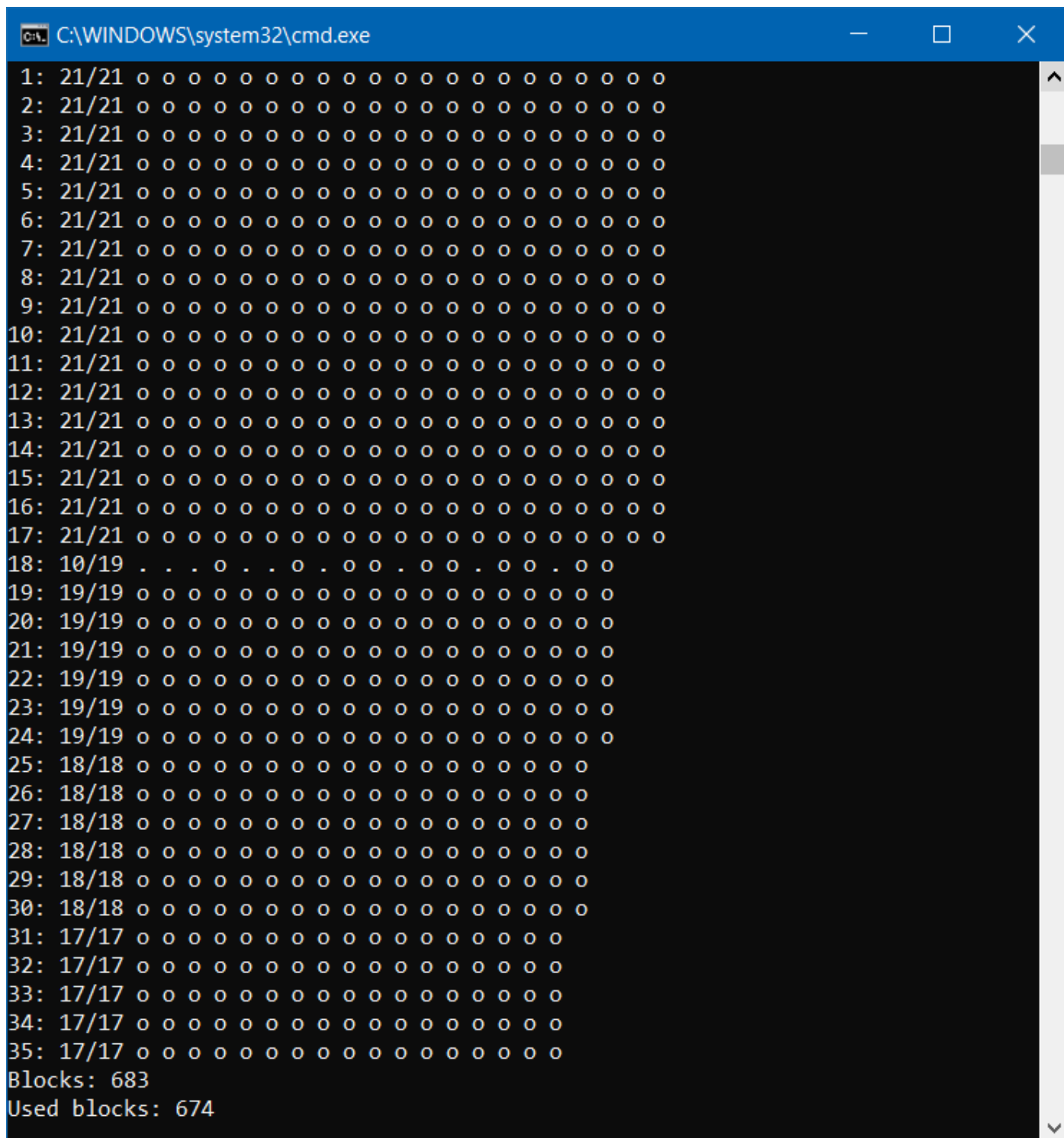
DESCRIPTION

```
<d64 file> ... D64 file to be shown
-v .......... Alter view of directory entry as follows
 a .......... Show all files (even deleted ones)
 t .......... Show track and sector
 s .......... Show start adress
 f .......... Show file size
 n .......... Show number for file
 b .......... Show real block count
 c .......... Show CRC check sum
 p .......... Use alternative presentation (optional)
-csv ........ Display directory as .csv
-e .......... Export track and sector as assembler bytes
              (Do not combine with other options)
-sd ......... Scratch directory entry (entry becomes *DEL)
-ud ......... Unlink data from directory entry (leaves BAM and data)
              (e.g. change PRG file to empty DEL file with 0 blocks)
-rd ......... Remove directory entry (leaves BAM and data)
 num ........ First or only entry to be scratched/unlinked/removed
 last ....... Last entry to be scratched/unlinked/removed (optional)
-cf ......... Crop file name(s) after n chars (num [last] as above)
-mf ......... Move file name(s) n chars to right (num [last] as above)
```

```
-start ....... Change start address of one directory entry
 num ......... Number of file which address has to changed
 addr ........ New start address
-adel ........ Append empty DEL entry
-block ....... Show the given block (default is 18 0) (Windows only)
-bam ......... Show BAM

Always provide the full file name including extension .d64
```

EXAMPELS

```
d64tool.exe example.d64
```

Show directory of the virtual disk.

```
d64tool.exe -vats example.d64
```

Show directory of all files (even deleted ones) including track and sector.

```
d64tool.exe -e example.d64
```



```
d64tool.exe -csv example.d64
```



```
d64tool.exe -rd 5 example.d64
```

Remove directory entry 5.

```
d64tool.exe -sd 6 8 example.d64
```

Scratch (*) directory entries 6 to 8.

```
d64tool.exe -bam example.d64
```

```
 1: 21/21 o o o o o o o o o o o o o o o o o o o o o
 2: 21/21 o o o o o o o o o o o o o o o o o o o o o
 3: 21/21 o o o o o o o o o o o o o o o o o o o o o
 4: 21/21 o o o o o o o o o o o o o o o o o o o o o
 5: 21/21 o o o o o o o o o o o o o o o o o o o o o
 6: 21/21 o o o o o o o o o o o o o o o o o o o o o
 7: 21/21 o o o o o o o o o o o o o o o o o o o o o
 8: 21/21 o o o o o o o o o o o o o o o o o o o o o
 9: 21/21 o o o o o o o o o o o o o o o o o o o o o
10: 21/21 o o o o o o o o o o o o o o o o o o o o o
11: 21/21 o o o o o o o o o o o o o o o o o o o o o
12: 21/21 o o o o o o o o o o o o o o o o o o o o o
13: 21/21 o o o o o o o o o o o o o o o o o o o o o
14: 21/21 o o o o o o o o o o o o o o o o o o o o o
15: 21/21 o o o o o o o o o o o o o o o o o o o o o
16: 21/21 o o o o o o o o o o o o o o o o o o o o o
17: 21/21 o o o o o o o o o o o o o o o o o o o o o
18: 10/19 . . . o . . . o . o o . o o . o o . o o o
19: 19/19 o o o o o o o o o o o o o o o o o o o
20: 19/19 o o o o o o o o o o o o o o o o o o o
21: 19/19 o o o o o o o o o o o o o o o o o o o
22: 19/19 o o o o o o o o o o o o o o o o o o o
23: 19/19 o o o o o o o o o o o o o o o o o o o
24: 19/19 o o o o o o o o o o o o o o o o o o o
25: 18/18 o o o o o o o o o o o o o o o o o o
26: 18/18 o o o o o o o o o o o o o o o o o o
27: 18/18 o o o o o o o o o o o o o o o o o o
28: 18/18 o o o o o o o o o o o o o o o o o o
29: 18/18 o o o o o o o o o o o o o o o o o o
30: 18/18 o o o o o o o o o o o o o o o o o o
31: 17/17 o o o o o o o o o o o o o o o o o
32: 17/17 o o o o o o o o o o o o o o o o o
33: 17/17 o o o o o o o o o o o o o o o o o
34: 17/17 o o o o o o o o o o o o o o o o o
35: 17/17 o o o o o o o o o o o o o o o o o
Blocks: 683
Used blocks: 674
```

```
d64tool.exe -block 20 4 example.d64
```


Track: 20 (0x14)
Sector: 4 (0x04)

    00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f

00: 14 0e ab ef 9c f8 0b ff a2 bf a0 3c 96 e0 0b 60 | TN├─│■K ▄\ <XÓK─
10: 04 23 0a fd 15 0d a5 73 f9 c3 41 2f d7 ac b1 4c | D#J²UM│©■─A/o▄─┘L
20: 26 ae de c1 cc 2f ce d4 d3 fc ba 4d 47 2f d8 47 | &┐Ì┴■/┼║Ë■┘MG/ÏG
30: f2 db 7c 45 c9 01 a3 41 6e 54 48 86 cd 76 32 fa | ┬─│E┐A¯A/TH─=X2■
40: 01 93 e8 80 8a c3 c2 c0 cd c8 8d 43 3f 10 36 d6 | A©▄─└─│─═╚\C?P6Í
50: 2d 31 32 3f 35 80 26 49 53 e6 89 c9 cf b9 2d c3 | -12?5─&IS▒┐┐▌│─-─
60: 44 a3 41 f1 52 72 d1 80 20 31 64 2b 7d 81 65 44 | D¯A┴R▄─ 1─+│$─D
70: 3a e6 12 b9 8f 4f a9 41 4b 7d 52 cc 58 32 4c 2d | :▒R_┌O/AK│R▄X2L-
80: d3 eb 51 55 4b 5a d1 99 a1 c4 4b 9d 4b 0a 15 6b | Ë┤QUKZÐ│▌─K│KJU┘
90: 45 3b c7 97 52 50 b5 48 49 53 af 53 cd 56 e6 c6 | E;ÃoRP│HIS_S=V▒ã
a0: b2 54 b2 2c c2 4c 57 43 1f 2c ca f3 4e 6a c9 44 | ┬T┬,│LWC«,┗─┘N┐D
b0: c5 45 3a a7 ce d9 46 20 6c f4 91 c3 cd 41 47 1e | ■E:│┼║F └║O─=AG^
c0: 59 53 bd 52 d5 56 95 35 39 2e 0e 88 85 c0 d0 4e | YS┘R┌V┌59.N│─▄N
d0: 50 4c ea 48 4c fa d0 cc ff 46 1f c3 cf 2c f8 47 | PL║HL▐ F«┘,■G
e0: e8 34 85 2e c1 2a c0 23 a9 08 a2 be a0 0b e6 7e | ■4─.┴*─#/H▄ K▒ð
f0: f5 60 23 bc 74 00 93 80 a7 9f d4 45 96 b5 21 42 | §─#▪│@©─│\║EX│!B

Next track: 20 (0x14)
Next sector: 14 (0x0e)
```