

CPM-Tools

<http://www.moria.de/~michael/cpmtools/>

Format description

```

diskdef name                format definition
  seclen n                  128,256,512,1024,.. Sector length
  tracks n                 1.. Number of tracks
  sectrk n                 1.. Sectors per track
  blocksize n              1024,2048,4096,8192,16384 Block size
  maxdir n                 1.. Number of directory entries
  skew n                   0.. Logical sector skew
  skewtab r1,r2,r3,...    skew table
  boottrk n                Number of system tracks
  offset n | nK | nM | nT   n Byte|n Kilobyte|n Megabyte|n Tracks
  logical extents          Logical extents per physical extent
  os 2.2 | 3 | isx | p2dos | zsys
  libdisk:format name     pcw720, cpcsys
end

```

Berechnungen:

```

size := (secLength*sectrk*(tracks-boottrk))/blksiz;
if (extents==0) extents := ((size>=256 ? 8 : 16)*blksiz)/16384; if
(extents==0) extents := 1;
AllocatableDataBlocks := size-(maxdir*32+blksiz-1)/blksiz);

```

posix:

```
physical pos := (sector+track*sectrk)*secLength)+offset;
```

libdisk:

```
physical sector := track*sectrk + sector + offset/secLength;
```

win32c:

```
SetFilePointer ((sector+track*sectrk)*secLength)+offset;
```

From:

<https://hc-ddr.hucki.net/wiki/> - **Homecomputer DDR**

Permanent link:

<https://hc-ddr.hucki.net/wiki/doku.php/cpm/cpmtools?rev=1421318940>

Last update: **2015/01/15 10:49**

