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
  logicalextents            Logical extents per physical extent
  os 2.2 | 3 | isx | p2dos | zsys
  libdsk: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;
```

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