

**in**

<b>COLLABORATORS</b>
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	TITLE :  in		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		July 26, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## in

### 1.1 ModuleInformation

```
ShowModule v1.10 (c) 1992 $#%!
now showing: "devices/trackdisk.m"
NOTE: don't use this output in your code, use the module instead.
```

```
(----) OBJECT publicunit
(  0)  unit:unit (or ARRAY OF unit)
( 38)  comp0ltrack:INT
( 40)  compl0track:INT
( 42)  compl1track:INT
( 44)  stepdelay:LONG
( 48)  settledelay:LONG
( 52)  retrycnt:CHAR
( 53)  pubflags:CHAR
( 54)  currtrk:INT
( 56)  calibratedelay:LONG
( 60)  counter:LONG
(----) ENDOBJECT      /* SIZEOF=64 */

(----) OBJECT drivegeometry
(  0)  sectorsize:LONG
(  4)  totalsectors:LONG
(  8)  cylinders:LONG
( 12)  cylsectors:LONG
( 16)  heads:LONG
( 20)  tracksectors:LONG
( 24)  bufmemtype:LONG
( 28)  devicetype:CHAR
( 29)  flags:CHAR
( 30)  reserved:INT
(----) ENDOBJECT      /* SIZEOF=32 */

(----) OBJECT ioexttd
(  0)  iostd:iostd (or ARRAY OF iostd)
( 48)  count:LONG
( 52)  seclabel:LONG
(----) ENDOBJECT      /* SIZEOF=56 */
```

```
CONST DG_SCANNER=6,
```

---

```
TDERR_BADDRIVETYPE=$21,
TD_GETDRIVETYPE=18,
TD_REMOVE=12,
TDF_EXTCOM=$8000,
ETD_RAWWRITE=$8011,
ETD_WRITE=$8003,
TD_RAWWRITE=17,
TD_CHANGENUM=13,
DG_PROCESSOR=3,
TDERR_BADSECHDR=27,
TDERR_NOSECHDR=21,
ETD_FORMAT=$800B,
TD_FORMAT=11,
TD_PROTSTATUS=15,
DRIVE3_5=1,
TDERR_NOMEM=31,
TDERR_BADSECID=23,
ETD_UPDATE=$8004,
TD_CHANGESTATE=14,
IOTDF_WORDSYNC=$20,
IOTDB_WORDSYNC=5,
IOTDF_INDEXSYNC=16,
IOTDB_INDEXSYNC=4,
DG_CDROM=5,
TD_EJECT=23,
TD_SECTOR=$200,
TDERR_BADHDRSUM=24,
TDPF_NOCLICK=1,
TDPB_NOCLICK=0,
DGF_REMOVABLE=1,
DGB_REMOVABLE=0,
DG_COMMUNICATION=9,
ETD_CLEAR=$8005,
TDERR_POSTRESET=$23,
TDERR_TOOFEWSECS=26,
NUMSECS=11,
TDERR_SEEKERROR=30,
NUMUNITS=4,
ETD_SEEK=$800A,
TD_SEEK=10,
TD_GETNUMTRACKS=19,
TD_SECSHIFT=9,
DG_UNKNOWN=31,
TDERR_NOTSPECIFIED=20,
TD_GETGEOMETRY=22,
DG_SEQUENTIAL_ACCESS=1,
DG_DIRECT_ACCESS=0,
TDERR_WRITEPROT=28,
TD_LASTCOMM=24,
ETD_MOTOR=$8009,
TD_MOTOR=9,
TDERR_BADUNITNUM=$20,
TDF_ALLOW_NON_3_5=1,
TDB_ALLOW_NON_3_5=0,
DG_PRINTER=2,
TDERR_BADSECPREAMBLE=22,
TD_REMCHANGEINT=21,
```

```
TD_ADDCHANGEINT=20,  
TDERR_BADSECSUM=25,  
ETD_RAWREAD=$8010,  
ETD_READ=$8002,  
TD_RAWREAD=16,  
DG_OPTICAL_DISK=7,  
TDERR_DISKCHANGED=29,  
DG_WORM=4,  
DRIVE3_5_150RPM=3,  
TDERR_DRIVEINUSE=$22,  
DG_MEDIUM_CHANGER=8,  
DRIVE5_25=2,  
TD_LABELSIZE=16
```

```
#define TD_NAME/0
```