

in

COLLABORATORS

	<i>TITLE :</i> in		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

in

1.1 ModuleInformation

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

```
(----) OBJECT loadsegblock
(  0)   id:LONG
(  4)   summedlongs:LONG
(  8)   chksum:LONG
( 12)   hostid:LONG
( 16)   next:LONG
( 20)   loaddata[123]:ARRAY OF LONG
(----) ENDOBJECT      /* SIZEOF=512 */
```

```
(----) OBJECT filesysheaderblock
(  0)   id:LONG
(  4)   summedlongs:LONG
(  8)   chksum:LONG
( 12)   hostid:LONG
( 16)   next:LONG
( 20)   flags:LONG
( 24)   reserved1[2]:ARRAY OF LONG
( 32)   dostype:LONG
( 36)   version:LONG
( 40)   patchflags:LONG
( 44)   type:LONG
( 48)   task:LONG
( 52)   lock:LONG
( 56)   handler:LONG
( 60)   stacksize:LONG
( 64)   priority:LONG
( 68)   startup:LONG
( 72)   seglistblocks:LONG
( 76)   globalvec:LONG
( 80)   reserved2[23]:ARRAY OF LONG
( 172) reserved3[21]:ARRAY OF LONG
(----) ENDOBJECT      /* SIZEOF=256 */
```

```
(----) OBJECT partitionblock
```

```
( 0) id:LONG
( 4) summedlongs:LONG
( 8) checksum:LONG
(12) hostid:LONG
(16) next:LONG
(20) flags:LONG
(24) reserved1[2]:ARRAY OF LONG
(32) devflags:LONG
(36) drivename[32]:ARRAY OF CHAR
(68) reserved2[15]:ARRAY OF LONG
(128) environment[17]:ARRAY OF LONG
(196) ereserved[15]:ARRAY OF LONG
(----) ENDOBJECT /* SIZEOF=256 */

(----) OBJECT badblockblock
( 0) id:LONG
( 4) summedlongs:LONG
( 8) checksum:LONG
(12) hostid:LONG
(16) next:LONG
(20) reserved:LONG
(24) blockpairs:badblockentry (or ARRAY OF badblockentry)
(----) ENDOBJECT /* SIZEOF=512 */

(----) OBJECT badblockentry
( 0) badblock:LONG
( 4) goodblock:LONG
(----) ENDOBJECT /* SIZEOF=8 */

(----) OBJECT rigiddiskblock
( 0) id:LONG
( 4) summedlongs:LONG
( 8) checksum:LONG
(12) hostid:LONG
(16) blockbytes:LONG
(20) flags:LONG
(24) badblocklist:LONG
(28) partitionlist:LONG
(32) filesysheaderlist:LONG
(36) driveinit:LONG
(40) reserved1[6]:ARRAY OF LONG
(64) cylinders:LONG
(68) sectors:LONG
(72) heads:LONG
(76) interleave:LONG
(80) park:LONG
(84) reserved2[3]:ARRAY OF LONG
(96) writeprecomp:LONG
(100) reducedwrite:LONG
(104) steprate:LONG
(108) reserved3[5]:ARRAY OF LONG
(128) rdbblockslo:LONG
(132) rdbblockshi:LONG
(136) locylinder:LONG
(140) hicylinder:LONG
(144) cylblocks:LONG
(148) autoparkseconds:LONG
```

```
( 152)   highrdskblock:LONG
( 156)   reserved4:LONG
( 160)   diskvendor[8]:ARRAY OF CHAR
( 168)   diskproduct[16]:ARRAY OF CHAR
( 184)   diskrevision[4]:ARRAY OF CHAR
( 188)   controllervendor[8]:ARRAY OF CHAR
( 196)   controllerproduct[16]:ARRAY OF CHAR
( 212)   controllerrevision[4]:ARRAY OF CHAR
( 216)   reserved5[10]:ARRAY OF LONG
(----) ENDOBJECT      /* SIZEOF=256 */
```

```
CONST RDBFF_DISKID=16,
      RDBFB_DISKID=4,
      IDNAME_BADBLOCK=$42414442,
      RDBFF_LASTLUN=2,
      RDBFB_LASTLUN=1,
      RDBFF_SYNCH=$40,
      RDBFB_SYNCH=6,
      PBFF_BOOTABLE=1,
      PBFB_BOOTABLE=0,
      IDNAME_PARTITION=$50415254,
      RDBFF_LASTTID=4,
      RDBFB_LASTTID=2,
      IDNAME_FILESYSHEADER=$46534844,
      RDBFF_NORESELECT=8,
      RDBFB_NORESELECT=3,
      RDB_LOCATION_LIMIT=16,
      RDBFF_CTRLRID=$20,
      RDBFB_CTRLRID=5,
      PBFF_NOMOUNT=2,
      PBFB_NOMOUNT=1,
      IDNAME_RIGIDDISK=$5244534B,
      RDBFF_LAST=1,
      RDBFB_LAST=0,
      IDNAME_LOADSEG=$4C534547
```