in

COLLABORATORS

	TITLE : in		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		July 26, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

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)    chksum: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)    chksum: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)    chksum: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,
      PBFF_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,
      PBFF_NOMOUNT=1,
      IDNAME_RIGIDDISK=$5244534B,
      RDBFF_LAST=1,
      RDBFB_LAST=0,
      IDNAME_LOADSEG=$4C534547
```