

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: "dos/dos.m"

NOTE: don't use this output in your code, use the module instead.

```
(----) OBJECT infodata
(  0)  numsofterrors:LONG
(  4)  unitnumber:LONG
(  8)  diskstate:LONG
( 12)  numblocks:LONG
( 16)  numblocksused:LONG
( 20)  bytesperblock:LONG
( 24)  disktype:LONG
( 28)  volumenode:LONG
( 32)  inuse:LONG
(----) ENDOBJECT      /* SIZEOF=36 */

(----) OBJECT fileinfoblock
(  0)  diskkey:LONG
(  4)  direntrytype:LONG
(  8)  filename[108]:ARRAY OF CHAR
( 116) protection:LONG
( 120) entrytype:LONG
( 124) size:LONG
( 128) numblocks:LONG
( 132) datestamp:datestamp (or ARRAY OF datestamp)
( 144) comment[80]:ARRAY OF CHAR
( 224) owneruid:INT
( 226) ownergid:INT
( 228) reserved[32]:ARRAY OF CHAR
(----) ENDOBJECT      /* SIZEOF=260 */

(----) OBJECT datestamp
(  0)  days:LONG
(  4)  minute:LONG
(  8)  tick:LONG
(----) ENDOBJECT      /* SIZEOF=12 */
```

```
CONST ERROR_KEY_NEEDS_ARG=$75,
```

```
ERROR_NO_DEFAULT_DIR=$C9,
ERROR_NO_MORE_ENTRIES=$E8,
ERROR_OBJECT_WRONG_TYPE=$D4,
LOCK_SAME=0,
ID_NO_DISK_PRESENT=-1,
ITEM_QUOTED=2,
ITEM_UNQUOTED=1,
FIBF_EXECUTE=2,
FIBF_GRP_EXECUTE=$200,
FIBF_OTR_EXECUTE=$2000,
FIBB_EXECUTE=1,
FIBB_GRP_EXECUTE=9,
FIBB_OTR_EXECUTE=13,
LOCK_SAME_HANDLER=1,
FIBF_WRITE=4,
FIBF_GRP_WRITE=$400,
FIBF_OTR_WRITE=$4000,
FIBB_WRITE=2,
FIBB_GRP_WRITE=10,
FIBB_OTR_WRITE=14,
ACCESS_WRITE=-1,
MODE_READWRITE=$3EC,
ERROR_UNMATCHED_QUOTES=$77,
ERROR_TOO_MANY_LEVELS=$D9,
RETURN_OK=0,
ERROR_OBJECT_EXISTS=$CB,
CHANGE_LOCK=0,
ERROR_INVALID_LOCK=$D3,
EXCLUSIVE_LOCK=-1,
SHARED_LOCK=-2,
RETURN_FAIL=20,
ID_VALIDATING=$51,
ID_NOT_REALLY_DOS=$4E444F53,
DOS_EXALLCONTROL=1,
ERROR_FILE_NOT_OBJECT=$79,
ERROR_INVALID_RESIDENT_LIBRARY=$7A,
OFFSET_END=1,
RETURN_WARN=5,
ERROR_OBJECT_IN_USE=$CA,
ERROR_LOCK_TIMEOUT=$F2,
DOS_FIB=2,
LINK_SOFT=1,
LOCK_SAME_VOLUME=1,
ERROR_BAD_NUMBER=$73,
ITEM_ERROR=-1,
RETURN_ERROR=10,
ERROR_UNLOCK_ERROR=$F3,
ERROR_SEEK_ERROR=$DB,
ERROR_BAD_HUNK=$EB,
BITSPERBYTE=8,
ERROR_DISK_FULL=$DD,
ERROR_TASK_TABLE_FULL=$69,
ERROR_COMMENT_TOO_BIG=$DC,
DOS_FILEHANDLE=0,
CHANGE_FH=1,
ERROR_ACTION_NOT_KNOWN=$D1,
DOS_STDPKT=3,
```

```
ERROR_OBJECT_TOO_LARGE=$CF,  
ERROR_DIRECTORY_NOT_EMPTY=$D8,  
ERROR_RENAME_ACROSS_DEVICES=$D7,  
ERROR_NO_FREE_STORE=$67,  
LOCK_DIFFERENT=-1,  
OFFSET_CURRENT=0,  
ERROR_NOT_IMPLEMENTED=$EC,  
ERROR_DEVICE_NOT_MOUNTED=$DA,  
FIBF_PURE=$20,  
FIBB_PURE=5,  
DOS_RDARGS=5,  
ERROR_TOO_MANY_ARGS=$76,  
TICKS_PER_SECOND=$32,  
LINK_HARD=0,  
ERROR_READ_PROTECTED=$E0,  
ERROR_WRITE_PROTECTED=$DF,  
ERROR_DELETE_PROTECTED=$DE,  
ERROR_DISK_WRITE_PROTECTED=$D6,  
ID_WRITE_PROTECTED=$50,  
FIBF_ARCHIVE=16,  
FIBB_ARCHIVE=4,  
ERROR_OBJECT_LINKED=$EA,  
ERROR_OBJECT_NOT_FOUND=$CD,  
ERROR_DIR_NOT_FOUND=$CC,  
FIBF_DELETE=1,  
FIBF_GRP_DELETE=$100,  
FIBF_OTR_DELETE=$1000,  
FIBB_DELETE=0,  
FIBB_GRP_DELETE=8,  
FIBB_OTR_DELETE=12,  
DOS_CLI=4,  
OFFSET_BEGINING=-1,  
OFFSET_BEGINNING=-1,  
ERROR_RECORD_NOT_LOCKED=$F0,  
FIBF_READ=8,  
FIBF_GRP_READ=$800,  
FIBF_OTR_READ=$8000,  
FIBB_READ=3,  
FIBB_GRP_READ=11,  
FIBB_OTR_READ=15,  
ACCESS_READ=-2,  
ERROR_LINE_TOO_LONG=$78,  
BITSPERLONG=$20,  
BYTESPERLONG=4,  
ITEM_EQUAL=-2,  
DOSFALSE=0,  
ERROR_REQUIRED_ARG_MISSING=$74,  
MININT=$80000000,  
FIBF_SCRIPT=$40,  
FIBB_SCRIPT=6,  
ERROR_NO_DISK=$E2,  
ERROR_NOT_A_DOS_DISK=$E1,  
ID_MSDOS_DISK=$4D534400,  
ID_KICKSTART_DISK=$4B49434B,  
ID_FASTDIR_FFS_DISK=$444F5305,  
ID_FASTDIR_DOS_DISK=$444F5304,  
ID_INTER_FFS_DISK=$444F5303,
```

```
ID_INTER_DOS_DISK=$444F5302,  
ID_FFS_DISK=$444F5301,  
ID_DOS_DISK=$444F5300,  
ID_UNREADABLE_DISK=$42414400,  
ERROR_DISK_NOT_VALIDATED=$D5,  
ID_VALIDATED=$52,  
ITEM_NOTHING=0,  
ERROR_BAD_TEMPLATE=$72,  
DOSTRUE=-1,  
MODE_NEWFILE=$3EE,  
MODE_OLDFILE=$3ED,  
SIGBREAKB_CTRL_C=12,  
SIGBREAKF_CTRL_C=$1000,  
SIGBREAKB_CTRL_D=13,  
SIGBREAKF_CTRL_D=$2000,  
SIGBREAKB_CTRL_E=14,  
SIGBREAKF_CTRL_E=$4000,  
SIGBREAKB_CTRL_F=15,  
SIGBREAKF_CTRL_F=$8000,  
FAULT_MAX=$52,  
ERROR_LOCK_COLLISION=$F1,  
MAXINT=$7FFFFFFF,  
ERROR_IS_SOFT_LINK=$E9,  
ERROR_INVALID_COMPONENT_NAME=$D2,  
ERROR_BAD_STREAM_NAME=$CE
```

```
#define MKBADDR/1  
#define BADDR/1  
#define DOSNAME/0
```