# System Errors 7.0.1: Uncommon Codes

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Article Change History
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09/25/92 - REVIEWED
            • For technical accuracy.


TOPIC ------------------------------------------------------------

These lists are maintained with MPW SysErr.a and in Inside
Macintosh Volume VI (c) Addison-Wesley 1991.  The last change was for
system software version 7.0.1, on Thursday, June 20, 1991.

Here's an explanation of two symbols used in the lists:

  [Items listed in brackets are old result code meanings]

  ????  This information wasn't available.

DISCUSSION -------------------------------------------------------

Internal File System Errors
1      chNoBuf       no free cache buffers (all in use)
2      chInUse       requested block in use
3      chnotfound    requested block not found
4      chNotInUse    block being released was not in use
16     fxRangeErr    file position beyond mapped range
17     fxOvFlErr    extents file overflow
32     btnotfound   record not found
33     btexists     record already exists
34     btnospace    no available space
35     btnoFit      record doesn't fit in node
36     btbadNode    bad node detected
37     btbadHdr     bad BTree header record detected
48     cmnotfound   CNode not found
49     cmexists     CNode already exists
50     cmnotempty   directory CNode not empty (valence = 0)
51     cmRootCN     invalid reference to root CNode
52     cmbadnews    detected bad catalog structure
53     cmFThdDirErr thread belongs to a directory not a file

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54      cmFThdGone    file thread doesn't exist
64      dsBadRotate   bad BTree rotate


Slot Declaration ROM Manager Errors
1       siInitSDTblErr   slot int dispatch table could not be initialized.
2       siInitVBLQsErr   VBLqueues for all slots could not be initialized.
3       siInitSPTblErr   slot priority table could not be initialized.
10      sdmJTInitErr     SDM Jump Table could not be initialized.
11      sdmInitErr       SDM could not be initialized.
12      sdmSRTInitErr    Slot Resource Table could not be initialized.
13      sdmPRAMInitErr   Slot PRAM could not be initialized.
14      sdmPriInitErr    Cards could not be initialized.


HD20 Driver Errors
16      wrtHsLw          HSHK low before starting
17      wrtHSLwTO        Time out waiting for HSHK to go low
19      wrtHSHighTO      Time out waiting for HSHK to go high
32      rdHsHi           HSHK high before starting
33      rdSyncTO         Time out waiting for sync ($AA) bye
34      rdGroupTO        Time out waiting for group
36      rdHoffSyncTO     Time out waiting for sync after holdoff
37      rdHsHiTO         Time out waiting for HSHK high
38      rdChksumErr      Checksum error on response packet
48      invalidResp      First byte in response packet was wrong
49      sqncNumErr       Sequence number in response packet was wrong
50      dNumberErr       Drive number in response packet was wrong
64      noResp           No response packet ever received


SCSI Manager Errors
2       scCommErr        Communications error (operations timeout)
3       scArbNBErr       Arbitration failed during SCSIGet – Bus busy
4       scBadparmsErr    Bad parameter or TIB opcode
5       scPhaseErr       SCSI bus not in correct phase for operation
6       scCompareErr     SCSI Manager busy with another operation when
                         SCSIGet was called
7       scMgrBusyErr     SCSI Manager busy with another operation when
                         SCSIGet was called
8       scSequenceErr    Attempted operation is out of sequence – e.g.,
                         calling SCSISelect before doing SCSIGet
9       scBusTOErr       Bus timeout before data ready on SCSIRBlind and
                         SCSIWBlind
10      scComplPhaseErr  SCSIComplete failed – bus not in Status phase



Serial Driver Error Masks
1       swOverrunErr     Serial Driver overrun error
16      parityErr        Serial parity error
32      hwOverrunErr     Serial hardware overrun
64      framingErr       Serial framing error


Miscellaneous Result Code
1       evtNotEnb        Event not enabled at PostEvent
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CDev Errors
0       cdevMemErr      Memory shortfall; alert user please
1       cdevResErr      Couldn't get a needed resource; alert
3       cdevUnset       cdevValue is initialized to this
-1      cdevGenErr      General error; gray cdev w/o alert


Script Manager Errors
0       smNotTruncated  No truncation was necessary
1       smTruncated     Truncation performed
-1      smTruncErr      General error


Communications Toolbox Errors
0       ctbuNoErr         ????
-1      ctbuGenericError ????


Communications Resource Manager Errors
0       crmNoErr          ????
-1      crmGenericError ????


Connection Manager Errors
0       cmNoErr             ????
1       cmRejected          ????
2       cmFailed            ????
3       cmTimeOut           ????
4       cmNotOpen           ????
5       cmNotClosed         ????
6       cmNoRequestPending ????
7       cmNotSupported      ????
8       cmNoTools           ????
9       cmUserCancel        ????
11      cmUnknownError      ????
-1      cmGenericError      ????


File Transfer Manager Errors
0       ftNoErr             ????
1       ftRejected          ????
2       ftFailed            ????
3       ftTimeOut           ????
4       ftTooManyRetry     ????
5       ftNotEnoughDSpace ????
6       ftRemoteCancel     ????
7       ftWrongFormat      ????
8       ftNoTools           ????
9       ftUserCancel        ????
10      ftNotSupported     ????
11      ftUnknownError      ????
-1      ftGenericError      ????


Midi Manager MIDIPacket Errors
1       midiOverflowErr ????
2       midiSCCErr        ????
3       midiPacketErr     ????
255     midiMaxErr        all command words less than this are errors
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Terminal Manager Errors
0      tmNoErr           ????
1      tmNotSent         ????
2      tmEnvironsChanged ????
7      tmNotSupported    ????
8      tmNoTools         ????
11     tmUnknownError    ????
-1     tmGenericError    ????


AppleTalk Errors
-1     overrunErr        ???? (returned by ReadPacket & ReadRest routines)
-2     crcErr            ????
-3     underrunErr       ????
-4     lengthErr         ????


System Errors to put up msg dialogs
-10    dsMacsBugInstalled       say "MacsBug Installed"
-11    dsDisassemblerInstalled  say "Disassembler Installed"
-12    dsHD20Installed          say "HD20 Startup"
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