



Tech Info Library

System Errors 7.0.1: Uncommon Codes

Revised: 9/25/92
Security: Everyone

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Article Created: 31 January 1992

Article Change History

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
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 SCSIIRblind 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

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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Tech Info Library Article Number:9808