

## ERROR CODES

=====  
Common Positive Error Codes  
(0-32767)  
=====

These IDs overlap with the less common errors listed in the next section.

ID=0 General System Errors  
(VBL Mgr, Queue)  
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0 noErr 0 for  
success "OR"

0 smNotTruncated No truncation  
necessary

ID=1 (dsBusError) Bus Error  
-----

A commonly encountered error, usually indicating that the computer has tried to use a memory address outside of the permitted range. On a Mac Plus or SE this can indicate a hardware problem.

ID=2 (dsAddressErr) Address  
Error  
-----

A frequent error, indicating a 680x0 processor has tried to read 16-bit or 32-bit data, commonly known as a word or long word respectively, at an 'even' memory address.

ID=3 (dsIllInstErr) Illegal  
Instruction  
-----

Indicates that the computer has tried to execute an instruction that isn't in its vocabulary.

ID=4 (dsZeroDivErrZero) Divide  
Error  
-----

Occurs when the processor attempts to divide a numerical value by zero, usually as a result of faulty programming.

ID=5 (dsChkErr) Range Check  
Error

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Indicates that the 680x0 processor has found a value outside of the range specified by the programmer of an application.

ID=6 (dsOvflowErr) Overflow  
Error

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Occurs when a number exceeds the space allotted for it inside the computer.

ID=7 (dsPrivErr) Privilege  
Violation

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Indicates that the 680x0 processor, which usually runs in 'Supervisor mode', is in 'User mode' and has received an unacceptable instruction for this condition.

ID=8 (dsTraceErr) Trace Mode  
Error

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Can indicate that a 680x0 processor has been accidentally switched into 'Trace mode' (as used by programmers for debugging program instructions one at a time) and that a suitable runtime debugger software isn't installed.

ID=9 (dsLineAErr) Line 1010  
Trap Error

---

Indicates that a routine contained in the Mac's ROM (rather than in the 680x0 processor) can't be found.

ID=10 (dsLineFErr) Line 1111  
Trap Error

---

Indicates that a routine contained in the Mac's ROM (rather than in the 680x0 processor) can't be found.

ID=11 (dsMiscErr)  
Miscellaneous Hardware

## Exception Error

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Occurs on a PowerPC-based machine with various errors.

### ID=12 (dsCoreErr) Unimplemented Core Routine

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Indicates that an application has reached a breakpoint (as installed by a programmer to check the operation of a program) but that the required debugger software isn't available.

### ID=13 (dsIrqErr) Uninstalled Interrupt

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Indicates that an interrupt has been generated by a device such as a keyboard or disk drive but there isn't any suitable routine in memory to handle it.

### ID=14 (dsIOCoreErr) IO Core Error

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An input or output error.

### ID=15 (dsLoadErr) Segment Loader Error

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This occurs when the Mac's segment loader fails to load a segment of an application into memory. Not all programs contain more than one segment.

### ID=17 through ID=24: Missing Packages 0-7

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Indicates that a package, such as International Utilities, Binary-Decimal Conversion, Standard File Utilities, or Disk Initialisation, as contained in the System file, is faulty. Codes 15, 16, 26, 27, 30, or 31 can also indicate problems with the System file, which should then be replaced. Details are:-

17  
dsNoPackErr Package 0 not

present [List Manager]

18 dsNoPk1 Package 1 not  
present [Reserved by Apple]

19 dsNoPk2 Package 2 not  
present [Disk Initialization]

20 dsNoPk3 Package 3 not  
present [Standard File]

21 dsNoPk4 Package 4 not  
present [Floating-Point  
Arithmetic]

22 dsNoPk5 Package 5 not  
present [Transcendental  
Functions]

23 dsNoPk6 Package 6 not  
present [International  
Utilities]

24 dsNoPk7 Package 7 not  
present [Binary/Decimal

ID=25 (dsMemFullErr) Memory  
Full Error

---

This happens when you  
run out of RAM, although it  
can also be caused by other  
errors of a different kind.

ID=26 (dsBadLaunch) Bad  
Program Launch

---

Indicates that the  
Mac couldn't open an  
application file.

ID=27 (dsFSErr) File System  
Error

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Indicates that the file  
system map has been trashed

ID=28 (dsStknHeap) Stack Ran  
into Heap

---

Indicates that the  
two memory stacks in the Mac  
have collided, sometimes due  
to a shortage of RAM or a  
software problem.

Various Errors  $\geq 30$  (not used  
by all Systems)

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30 dsReinsert

Asks user to reinsert an off-line volume

31 dsNotThe1 The wrong disk has been inserted (obsolete)

33 negZcbFreeErr ZcbFree has gone negative

40 dsGreeting Welcome to Macintosh greeting

41 dsFinderErr Can't load the Finder

42 shutDownAlert Error handled as a shutdown error (obsolete)

43 dsSystemFileErr Can't find a System file to open (obsolete)

51 dsBadSlotInt Unserviceable slot interrupt

81 dsBadSANEopcode SANE Pack4 has bad opcode

84 menuPrgErr A menu has been purged

85 dsMBarNFnd System error: can't find MBDF for menu bar

86 dsHMenuFindErr System error: recursively defined HMenus

87 dsWDEFnFnd Can't find WDEF resource

88 dsCDEFnFnd Can't find CDEF resource

89 dsMDEFnFnd Can't find MDEF resource

98 dsNoPatch Can't patch for a particular model of Mac

99 dsBadPatch Can't load a patch resource

101 dsParityErr Memory parity error

102 dsOldSystem System is too old for the machine's ROM

103 ds32BitMode 32-bit booting attempted on a 24-bit system

20000 dsShutDownOrRestart User given choice between Shut Down and Restart

20001 dsSwitchOffOrRestart  
User given choice of switching  
off or Restart

20002 dsForcedQuit Allows user  
to ExitToShell, return if  
Cancel

32767 dsSysErr General system  
error (catch-all used in DSAT)

=====  
Less Common Positive Error  
Codes (0-32767)  
=====

The following codes overlap  
with those listed above:-

#### Internal File System Errors

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1 chNoBuf No free cache buffers:  
all are in use

2 chInUse Requested block is  
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 fx0vFlErr 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

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1 siInitSDTblErr Slot  
int dispatch table can't be  
initialized.

2 siInitVBLQsErr VBLqueues for  
all slots can't be  
initialized.

3 siInitSPTblErr Slot priority  
table can't be initialized.

10 sdmJTInitErr SDM Jump Table  
can't be initialized.

11 sdmInitErr SDM can't be  
initialized.

12 sdmSRTInitErr Slot Resource  
Table can't be initialized.

13 sdmPRAMInitErr Slot PRAM  
can't be initialized.

14 sdmPriInitErr Cards can't  
be initialized.

#### HD20 Driver Errors

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16 wrtHsLw HSHK low before starting

17 wrtHSLwT0 Timed out waiting  
for HSHK to go low

19 wrtHSHighT0 Timed out  
waiting for HSHK to go high

32 rdHsHi HSHK high before  
starting

33 rdSyncT0 Timed out waiting  
for sync (\$AA) bye

34 rdGroupT0 Timed out waiting

for group

36 rdHoffSyncT0 Timed out  
waiting for sync after holdoff

37 rdHsHiT0 Timed 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

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2 scCommErr Communications error  
(operations timed out)

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 when SCSIGet was called

7 scMgrBusyErr SCSI Manager  
busy when SCSIGet was called

8 scSequenceErr Wrong  
sequence, as in SCSISelect  
before SCSIGet

9 scBusT0Err Bus timed out  
before data ready on  
SCSIRBlind and SCSIWBlind

10 scComplPhaseErr  
SCSIComplete failed (bus not  
in Status phase)

#### Serial Driver Error Mask

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1 swOverrunErr Serial Driver  
overrun error

16 parityErr Serial parity  
error

32 hwOverrunErr Serial  
hardware overrun

64 framingErr Serial framing  
error

#### Miscellaneous Result Codes

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1 evtNotEnb Event not enabled at  
PostEvent

#### CDev Errors

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0 cdevMemErr Memory shortfall  
(alerts the user)

1 cdevResErr Can't get a  
needed resource (alerts the  
user)

3 cdevUnset cdevValue is  
initialized

#### Script Manager Errors

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0 smNotTruncated No truncation  
was necessary

1 smTruncated Truncation  
performed

#### Communications Errors

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0 ctbuNoErr Communications  
Toolbox

0 crmNoErr Communications  
Resource Manager

#### Connection Manager Errors

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0 cmNoErr  
1 cmRejected  
2 cmFailed  
3 cmTimeOut  
4 cmNotOpen  
5 cmNotClosed  
6 cmNoRequestPending  
7 cmNotSupported  
8 cmNoTools  
9 cmUserCancel  
11 cmUnknownError

#### File Transfer Manager Errors

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0 ftNoErr  
1 ftRejected  
2 ftFailed

3 ftTimeOut  
4 ftTooManyRetry  
5 ftNotEnoughDSpace  
6 ftRemoteCancel  
7 ftWrongFormat  
8 ftNoTools  
9 ftUserCancel  
10 ftNotSupported  
11 ftUnknownError

#### Midi Manager MIDIPacket Errors

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1 midiOverflowErr  
2 midiSCCErr  
3 midiPacketErr

255 midiMaxErr (all command words less than this are errors)

#### Terminal Manager Errors

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0 tmNoErr  
1 tmNotSent  
2 tmEnvironsChanged  
7 tmNotSupported  
8 tmNoTools  
11 tmUnknownError

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#### Negative Error Codes (-1 to -261)

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#### General System Errors (VBL Mgr, Queue)

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-1 qErr Queue element not found during deletion "OR"

-1 smTruncErr Truncation indicator alone is wider than specified width

-2 vTypErr Invalid queue element

-3 corErr Core routine number out of range

-4 unimpErr Unimplemented core routine

-5 SlpTypeErr Invalid queue element

-8 seNoDB No debugger installed to handle debugger command

## Less Common -1 Errors

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-1 cdevGenErr General Cdev error  
(gray cdev without alert)

-1 smTruncErr General Script  
Manager error

-1 ctbuGenericError  
Communications Toolbox Error

-1 crmGenericError  
Communications Resource  
Manager Error

-1 cmGenericError  
Communications Manager

-1 ftGenericError File  
Transfer Manager

-1 tmGenericError Terminal  
Manager

## Less Common AppleTalk Errors

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-1 overrunErr (returned by  
ReadPacket & ReadRest  
routines)

-2 crcErr

-3 underrunErr

-4 lengthErr

## Color Manager Errors

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-9 iTabPurgErr From  
Color2Index/ITabMatch

-10 noColMatch From  
Color2Index/ITabMatch

-11 qAllocErr From MakeITable

-12 tblAllocErr From  
MakeITable

-13 overRun From MakeITable

-14 noRoomErr From MakeITable

-15 seOutOfRange From SetEntry

-16 seProtErr From SetEntry

-17 i2CRangeErr From SetEntry

-18 gdBadDev From SetEntry

-19 reRangeErr From SetEntry

-20 seInvRequest From SetEntry

-21 seNoMemErr From SetEntry

Less Common System Errors  
(giving a message dialog)

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-10 dsMacBugInstalled "MacBug  
Installed" dialog

-11 dsDisassemblerInstalled  
"Disassembler Installed"  
dialog

-12 dsHD20Installed "HD20  
Startup" dialog

I/O System Errors

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-17 controlErr Driver can't  
respond to Control call

-18 statusErr Driver can't  
respond to Status call

-19 readErr Driver can't  
respond to Read call

-20 writErr Driver can't  
respond to Write call

-21 badUnitErr Driver ref num  
doesn't match unit table

-22 unitEmptyErr Driver ref  
num specifies NIL handle in  
unit table

-23 openErr Requested  
read/write permission doesn't  
match driver's open  
permission, or opening RAM  
serial Driver failed

-24 closErr Close failed;  
Permission to close .MPP  
driver was denied

-25 dRemovErr Tried to remove  
an open driver

-26 dInstErr DrvrInstall  
couldn't find driver in  
resources

-27 abortErr IO call aborted  
by KillIO; Publisher has  
written a new edition "OR"

-27 iIOAbortErr IO abort error  
(Printing Manager)

-28 notOpenErr Couldn't  
rd/wr/ctl/sts cause driver not  
opened

-29 unitTblFullErr Unit table  
has no more entries

-30 dceExtErr dce extension  
error

#### File System Errors

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-33 dirFulErr Directory full

-34 dskFulErr Disk full

-35 nsvErr No such volume;  
volume not found

-36 ioErr I/O error

-37 bdNamErr Bad file name;  
there may be no bad names in  
the final system!

-38 fnOpnErr File not open

-39 eofErr End of file; no  
additional data in the format

-40 posErr Tried to position  
to before start of file (r/w)

-41 mFulErr Memory full (open)  
or file won't fit (load)

-42 tmfoErr Too many files  
open

-43 fnfErr File not found;  
Folder not found; Edition  
container not found; Target  
not found

-44 wPrErr Disk  
write-protected; Volume is  
locked through hardware

-45 fLckdErr File is locked

-45 fLckedErr Publisher  
writing to an edition

-46 vLckdErr Volume is locked  
through software

-47 fBsyErr File is busy  
(delete); Section doing I/O

-48 dupFNErr Duplicate  
filename (rename); File found  
instead of folder

-49 opWrErr File already open  
with write permission

-50 paramErr Error in user

## parameter list

-51 rfNumErr Reference number  
invalid

-52 gfpErr Get file position  
error

-53 volOffLinErr Volume is off  
line

-54 permErr Software lock on  
file; Not a subscriber  
[permissions error on file  
open]

-55 volOnLinErr Drive volume  
already on-line at MountVol

-56 nsDrvErr No such drive  
(tried to mount a bad drive  
num)

-57 noMacDskErr Not a  
Macintosh disk (sig bytes are  
wrong)

-58 extFSErr External file  
system; file system identifier  
is nonzero

-59 fsRnErr File system  
internal error: during rename  
the old entry was deleted but  
couldn't be restored.

-60 badMDBErr Bad master  
directory block

-61 wrPermErr Write  
permissions error; Not a  
publisher

## Font Manager Errors

-----  
-64 fontDecError Error during font  
declaration

-65 fontNotDeclared Font not  
declared

-66 fontSubErr Font  
substitution occurred

## Disk, Serial Ports, Clock Specific Errors

-----  
-64 lastDskErr

-64 noDriveErr Drive not  
installed

-65 offLinErr Read/write

requested for an off-line  
drive

-66 noNybErr Couldn't find 5  
nibbles in 200 tries

-67 noAdrMkErr Couldn't find  
valid addr mark

-68 dataVerErr Read verify  
compare failed

-69 badCksmErr Address mark  
checksum didn't check

-70 badBtSlpErr Bad addr mark  
bit slip nibbles

-71 noDtaMkErr Couldn't find a  
data mark header

-72 badDCksum Bad data mark  
checksum

-73 badDBtSlp Bad data mark  
bit slip nibbles

-74 wrUnderrun Write underrun  
occurred

-75 cantStepErr Step handshake  
failed

-76 tk0BadErr Track 0 detect  
doesn't change

-77 initIWMErr Unable to  
initialise IWM

-78 twoSideErr Tried to read  
2nd side on a 1-sided drive

-79 spdAdjErr Unable to  
correctly adjust disk speed

-80 seekErr Track number wrong  
on address mark

-81 sectNFErr Sector number  
never found on a track

-82 fmt1Err Can't find sector  
0 after track format

-83 fmt2Err Can't get enough  
sync

-84 verErr Track failed to  
verify

-84 firstDskErr

-85 clkRdErr Unable to read  
same clock value twice

-86 clkWrErr Time written did not verify

-87 prWrErr Parameter RAM written didn't read-verify

-88 prInitErr InitUtil found the parameter RAM not initialised

-89 rcvrErr SCC receiver error (framing, parity, OR)

-90 breakRecd Break received (SCC)

#### AppleTalk Errors

-----  
-91 ddpSktErr Error opening socket "OR"

-91 eMultiErr Invalid address or table is full

-92 ddpLenErr Data length too big "OR"

-92 eLenErr Packet too large or first entry of the write-data structure didn't contain the full 14-byte header

-93 noBridgeErr No router available [for non-local send]

-94 lapProtErr Error in attaching/detaching protocol "OR"

-94 LAPPProtErr Protocol handler is already attached, node's protocol table is full, protocol not attached, or protocol handler pointer was not 0

-95 excessCollsns Hardware error [excessive collisions on write]

-97 portInUse Driver Open error code (port is in use)

-98 portNotCf Driver Open error code (parameter RAM not configured for this connection)

-99 memROZErr Hard error in R0Z

-99 memROZError Hard error in R0Z

-99 memROZWarn Soft error in  
ROZ

### Scrap Manager Errors

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-100 noScrapErr No scrap exists  
error

-102 noTypeErr Format not  
available [no object of that  
type in scrap]

### Storage Allocator Errors

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-108 memFullErr Ran out of memory  
[not enough room in heap zone]

-109 nilHandleErr  
GetHandleSize fails on  
baseText or substitutionText;  
NIL master pointer [handle was  
NIL in HandleZone or other]

-110 memAdrErr Address was  
odd, or out of range

-111 memWZErr Attempted to  
operate on a free block;  
GetHandleSize fails on  
baseText or substitutionText  
[WhichZone failed (applied to  
free block)]

-112 memPurErr Trying to  
purge a locked or  
non-purgeable block

-113 memAZErr Address in zone  
check failed

-114 memPCErr Pointer Check  
failed

-115 memBCErr Block Check  
failed

-116 memSCErr Size Check  
failed

-117 memLockedErr Trying to  
move a locked block (MoveHHi)

### HFS Errors

---

-120 dirNFErr Directory not found

-121 tmwdoErr No free WDCB  
available

-122 badMovErr Move into  
offspring error

-123 wrgVolTypErr Not an HFS volume [wrong volume type error or (obsolete) operation not supported for MFS]

-124 volGoneErr Server volume has been disconnected.

-125 updPixMemErr Insufficient memory to update a pixmap

-127 fsDSIntErr Internal file system error

#### Menu Manager Errors

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-126 dsMBarNFnd System error code for MBDF not found

-127 dsHMenuFindErr Couldn't find HMenu's parent in MenuKey

-128 userCanceledErr User cancelled an operation

#### HFS File ID Errors

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-130 fidNotFound No file thread exists

-131 fidNotAFile Directory specified instead of a file

-132 fidExists File ID already exists

#### Color QuickDraw and Color Manager Errors

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-147 regionTooBigError Region too big or complex

-148 pixMapTooBigErr Pixel map record is deeper than 1 bit per pixel [passed pixel map is too large]

-149 notEnoughStack Not enough stack space for the necessary buffers "OR"

-149 mfStackErr Insufficient stack

-150 cMatchErr Color2Index failed to find an index

-151 cTempMemErr Failed to allocate memory for temporary structures

- 152 cNoMemErr Failed to allocate memory for structure
- 153 cRangeErr Range error on colorTable request
- 154 cProtectErr ColorTable entry protection violation
- 155 cDevErr Invalid type of graphics device
- 156 cResErr Invalid resolution for MakeITable
- 157 cDepthErr Invalid pixel depth
- 158 cParmErr Invalid parameter

Resource Manager Errors (other than I/O)

- 
- 185 badExtResource Extended resource has a bad format.
  - 186 CantDecompress Resource bent ("the bends") can't decompress a compressed resource
  - 188 resourceInMemory Resource already in memory
  - 189 writingPastEnd Writing past end of file
  - 190 inputOutOfBounds Offset or count out of bounds
  - 192 resNotFound Resource not found
  - 193 resFNotFound Resource file not found
  - 194 addResFailed AddResource failed
  - 195 addRefFailed AddReference failed
  - 196 rmvResFailed RmveResource failed
  - 197 rmvRefFailed RmveReference failed
  - 198 resAttrErr Attribute inconsistent with operation
  - 199 mapReadErr Map

inconsistent with operation

## Sound Manager Errors

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-200 noHardware Required sound hardware not available [no hardware support for specified synthesiser]

-201 notEnoughHardware Insufficient hardware available [no more channels for the specified synthesiser]

-203 queueFull No room in the queue

-204 resProblem Problem loading the resource

-205 badChannel Channel is corrupt or unusable [invalid channel queue length]

-206 badFormat Resource is corrupt or unusable [handle to 'snd ' resource was invalid]

-207 notEnoughBufferSpace Insufficient memory available

-208 badFileFormat File is corrupt or unusable, or not AIFF/AIFF-C

-209 channel Channel is busy

-210 buffersTooSmall Buffer is too small

-211 channelNotBusy Channel not currently used

-212 noMoreRealTime Not enough CPU time available

-213 badParam A parameter is incorrect

-220 siNoSoundInHardware No sound input hardware available

-221 siBadSoundInDevice Invalid sound input device

-222 siNoBufferSpecified No buffer specified

-223 siInvalidCompression Invalid compression type

-224 siHardDiskTooSlow Hard drive too slow to record

-225 siInvalidSampleRate  
Invalid sample rate

-226 siInvalidSampleSize  
Invalid sample size

-227 siDeviceBusyErr Sound  
input device is busy

-228 siBadDeviceName Invalid  
device name

-229 siBadRefNum Invalid  
reference number -230  
siInputDeviceErr

Input device hardware failure

-231 siUnknownInfoType  
Unknown type of information

-232 siUnknownQuality Unknown  
quality

#### MIDI Manager Errors

-----  
-250 midiNoClientErr No client with  
that ID found

-251 midiNoPortErr No port  
with that ID found

-252 midiTooManyPortsErr Too  
many ports already installed  
in the system

-253 midiTooManyConsErr Too  
many connections made

-254 midiVConnectErr Pending  
virtual connection created

-255 midiVConnectMade Pending  
virtual connection resolved

-256 midiVConnectRmvd Pending  
virtual connection removed

-257 midiNoConErr No  
connection exists between  
specified ports

-258 midiWriteErr Couldn't  
write to all connected ports

-259 midiNameLenErr Name  
supplied is longer than 31  
characters

-260 midiDupIDErr Duplicate  
client ID

-261 midiInvalidCmdErr  
Command not supported for port  
type

=====  
Negative Error Codes (-299 to  
-32768)  
=====

Notification Manager Error  
-----

-299 nmTypErr Invalid qType-  
must be ORD(nmType)

Start Manager Errors  
-----

-290 smSDMInitErr SDM couldn't be  
initialised

-291 smSRTInitErr Slot  
Resource Table couldn't be  
initialised

-292 smPRAMInitErr Slot  
Resource Table couldn't be  
initialised

-293 smPriInitErr Cards  
couldn't be initialised

-300 smEmptySlot No card in  
slot

-301 smCRCFail CRC check  
failed for declaration data

-302 smFormatErr FHeader  
Format is not Apple's

-303 smRevisionErr Wrong  
revision level

-304 smNoDir Directory offset  
is Nil

-305 smLWTstBad Long Word test  
field \$5A932BC7

-306 smNosInfoArray No  
sInfoArray; Memory Mgr error

-307 smResrvErr Fatal reserved  
error; Reserved field 0

-308 smUnExBusErr Unexpected  
Bus Error

-309 smBLFieldBad ByteLanes  
field was bad

-310 smFHBlockRdErr Error  
occurred during \_sGetFHeader

-311 smFHBlkDispErr Error  
occurred during \_sDisposePtr

(Dispose of FHeader block)

-312 smDisposePErr  
\_DisposePointer error

-313 smNoBoardsRsrc No Board  
sResource

-314 smGetPRErr Error occurred  
during \_sGetPRAMRec (See  
SIMStatus)

-315 smNoBoardId No BoardId

-316 smIntStatVErr The  
InitStatusV field was negative  
after primary or secondary  
init

-317 smIntTblVErr Error  
occurred while trying to  
initialise Slot Resource Table

-318 smNoJmpTbl SDM jump table  
couldn't be created

-319 smBadBoardId BoardId was  
wrong, re-init the PRAM record

-320 smBusErrT0 BusError time  
out

-330 smBadRefId Reference Id  
not found in list

-331 smBadsList Bad sResource  
[sList] structure:Id1

-332 smReservedErr Reserved  
field not zero

-333 smCodeRevErr Code  
revision is wrong

-334 smCPUErr Code revision is  
wrong

-335 smsPointerNil LPointer is  
nil {From sOffsetData. Check  
sInfo rec for more  
information.}

-336 smNilsBlockErr Nil sBlock  
error {Don't allocate and try  
to use a nil sBlock}

-337 smSlot00BErr Slot out of  
bounds error

-338 smSel00BErr Selector out  
of bounds error; function not  
implemented

-339 smNewPErr \_NewPtr error

-340 smBlkMoveErr \_BlockMove  
error

-341 smCkStatusErr Status of  
slot = fail.

-342 smGetDrvrNamErr Error  
occurred during \_sGetDrvrName.

-343 smDisDrvrNamErr Error  
occurred during \_sDisDrvrName.

-344 smNoMoresRsrcs No more  
sResources \*OR\*

-344 smNoMoresResources  
Specified sResource data  
structure not found

-345 smsGetDrvrErr Error  
occurred during \_sGetDriver.

-346 smBadsPtrErr Bad pointer  
was passed to sCaldSPointer  
function

-347 smByteLanesErr ByteLanes  
field in card's format block  
was determined to be zero

-348 smOffsetErr Offset was  
too big (temporary, should be  
fixed)

-349 smNoGoodOpens No opens  
were successful in the loop.

-350 smSRT0vrFlErr SRT  
overflow.

-351 smRecNotFnd Record not  
found in the SRT. Device  
Manager Slot Support Errors

-360 slotNumErr Invalid slot #  
error

-400 gcrOnMFMErr GCR format on  
high density media error

#### Edition Manager Errors

-----  
-450 editionMgrInitErr Manager not  
initialised or couldn't load  
package

-451 badSectionErr Not a valid  
section type

-452 notRegisteredSectionErr  
Not registered

-454 badSubPartErr Bad edition  
container spec or invalid

edition container

-460 multiplePublisherWrn  
Already is a publisher

-461 containerNotFoundWrn  
Alias was not resolved

-463 notThePublisherWrn Not  
the publisher SCSI Manager  
Errors

-470 scsiBadPBErr Invalid  
field(s) in the parameter  
block

-471 scsiOverrunErr Attempted  
to transfer too many bytes

-472 scsiTransferErr Write  
flag conflicts with data  
transfer phase

-473 scsiBusT0Err Bus error  
during transfer

-474 scsiSelectT0Err scsiSelT0  
exceeded (selection failed)

-475 scsiTimeOutErr scsiReqT0  
exceeded

-476 scsiBusResetErr The bus  
was reset, so your request was  
aborted

-477 scsiBadStatus Non-zero  
(not "Good") status returned

-478 scsiNoStatusErr Device  
did not go through a status  
phase

-479 scsiLinkFailErr Linked  
command never executed

-489 scsiUnimpVctErr  
Unimplemented routine was  
called SysErrs used instead of  
inline \$A9FF & \$ABFF

-490 userBreak User debugger  
break

-491 strUserBreak User  
debugger break - display  
string on stack

-492 exUserBreak User debugger  
break - execute commands on  
stack

QuickDraw Error

-----

-500 rgnTooBigErr Bitmap would convert into a region greater than 64 KB

#### Text Edit Error

---

-501 teScrapSizeErr Scrap item too big for text edit record

#### 0/S Error

---

-502 hwParamrErr Bad selector for \_HWPriv

#### Processes Errors

---

-600 procNotFound No eligible process with specified process serial number

-601 memFragErr Not enough room to launch application with special requirements

-602 appModeErr Memory mode is 32-bit, but application not 32-bit clean

-603 protocolErr App made module calls in improper order

-604 hardwareConfigErr Hardware configuration not correct for call

-605 appMemFullErr Partition size specified in 'SIZE' resource is not big enough for launch

-606 appIsDaemon Application is background-only

-607 bufferIsSmall Buffer is too small

-608 noOutstandingHLE No outstanding high-level event

-609 connectionInvalid Connection is invalid

-610 noUserInteractionAllowed Attempted PostHighLevelEvent from background and no session yet established

#### Memory Dispatch Errors

---

-620 notEnoughMemoryErr Insufficient physical memory

- 621 notHeldErr Specified range of memory is not held
- 622 cannotMakeContiguousErr Cannot make specified range contiguous
- 623 notLockedErr Specified range of memory is not locked
- 624 interruptsMaskedErr Called with interrupts masked
- 625 cannotDeferErr Unable to defer additional user functions

DatabaseAccess (Pack 13)  
Errors

- 
- 800 rcDBNull The data item was NULL
  - 801 rcDBValue Data available or successfully retrieved
  - 802 rcDBError Error executing function
  - 803 rcDBBadType Next data item not of requested data type
  - 804 rcDBBreak Function timed out
  - 805 rcDBExec Query currently executing
  - 806 reDBBadSessID Session ID is invalid
  - 807 rcDBBadSessNum Invalid session number
  - 808 rcDBBadDDEV Couldn't find the specified database extension, or error in opening database extension
  - 809 rcDBAsyncNotSupp The database extension doesn't support asynchronous calls
  - 810 rcDBBadAsyncPB Invalid parameter block specified
  - 811 rcDBNoHandler There is no handler for this data type installed for the current application
  - 812 rcDBWrongVersion Wrong

version number

-813 rcDBPackNotInited  
InitDBPack function has not  
yet been called

#### Help Manager Errors

---

-850 hmHelpDisabled Help balloons  
are not enabled

-851 hmResNotFound

-852 hmMemFullErr

-853 hmBalloonAborted Because  
of constant cursor  
movement, the help balloon  
wasn't displayed

-854 hmSameAsLastBalloon Menu  
and item same as previous menu  
and item

-855 hmHelpManagerNotInited  
Help menu not set up

-856 hmBadSelector

-857 hmSkippedBalloon No  
balloon content to fill in

-858 hmWrongVersion Wrong  
version of Help Manager  
resource

-859 hmUnknownHelpType Help  
message record contained a bad  
type

-860 hmCouldNotLoadPackage

-861 hmOperationUnsupported  
Bad method parameter

-862 hmNoBalloonUp No balloon  
showing

-863 hmCloseViewActive User  
using CloseView won't let you  
remove balloon

#### AppleTalk - PPC Toolbox Errors

---

-900 notInitErr PPC Toolbox  
has not been initialised yet

-902 nameTypeErr Invalid or  
inappropriate  
locationKindSelector in  
location name

-903 noPortErr Invalid port

name; Unable to open port or  
bad port reference number

-904 noGlobalsErr System  
unable to allocate memory,  
critical error

-905 localOnlyErr Network  
activity is currently disabled

-906 destPortErr Port does not  
exist at destination

-907 sessTableErr PPC Toolbox  
is unable to create a session

-908 noSessionErr Invalid  
session reference number

-909 badReqErr Bad parameter or  
invalid state for this operation

-910 portNameExistsErr Another  
port is already open with this  
name

-911 noUserNameErr User name  
unknown on destination machine

-912 userRejectErr Destination  
rejected the session request

-915 noResponseErr Unable to  
contact application

-916 portClosedErr The port  
was closed

-917 sessClosedErr The session  
has closed

-919 badPortNameErr PPC port  
record is invalid

-922 noDefaultUserErr Owner  
name not specified in Sharing  
Setup panel

-923 notLoggedInErr Default  
user reference number doesn't  
yet exist

-924 noUserRefErr Unable to  
create new user reference  
number

-925 networkErr An error has  
occurred in the network

-926 noInformErr PPCStart  
failed because target  
application did not have an  
inform pending

-927 authFailErr User's

password is wrong

-928 noUserRecErr Invalid user  
reference number

-930 badServiceMethodErr  
Service method is other than  
ppcServiceRealTime

-931 badLocNameErr Location  
name is invalid

-932 guestNotAllowedErr  
Destination port requires  
authentication

#### AppleTalk - NBP Errors

---

-1024 nbpBuffOvr Buffer overflow  
in LookupName

-1025 nbpNoConfirm Name not  
confirmed on ConfirmName

-1026 nbpConfDiff Name  
confirmed at different socket

-1027 nbpDuplicate Duplicate  
name exists already

-1028 nbpNotFound Name not  
found on remove

-1029 nbpNISErr Error trying  
to open the NIS

#### ASP Errors (XPP driver)

---

-1066 aspBadVersNum Server cannot  
support this ASP version

-1067 aspBufTooSmall Buffer  
too small

-1068 aspNoMoreSess No more  
sessions on server

-1069 aspNoServers No servers  
at that address

-1070 aspParamErr Parameter  
error

-1071 aspServerBusy Server  
cannot open another session

-1072 aspSessClosed Session  
closed

-1073 aspSizeErr Command block  
too big

-1074 aspTooMany Too many

clients (server error)

-1075 aspNoAck No ack on  
attention request (server err)

#### AppleTalk – ATP Errors

---

-1096 reqFailed Request to contact  
router failed: retry count  
exceeded

-1097 tooManyReqs Too many  
concurrent requests

-1098 tooManySkts Too many  
concurrent responding-sockets

-1099 badATPSkt Bad  
ATP-responding socket

-1100 badBuffNum Bad response  
buffer number specified

-1101 noRelErr No release  
received

-1102 cbNotFound Control Block  
not found; no pending  
asynchronous calls

-1103 noSendResp AddResponse  
issued without SendResponse

-1104 noDataArea No data area  
for request to MPP

-1105 reqAborted ERdCancel  
function called for this ERead  
[SendRequest aborted by  
RelTCB]

#### Data Stream Protocol – DSP driver Errors

---

-1273 errOpenDenied  
Open request denied by  
recipient

-1274 errDSPQueueSize Send or  
receive queue is too small

-1275 errFwdReset Read  
terminated by forward reset

-1276 errAttention Attention  
message too long

-1277 errOpening Attempt to  
open connection failed

-1278 errState Bad connection  
state for this operation

-1279 errAborted Request  
aborted by dspRemove or  
dspClose function

-1280 errRefNum Bad connection  
reference number

#### HFS Errors

-1300 fidNotFound File ID not found  
[No file thread exists]

-1301 fidExists File ID  
already exists

-1302 notAFileErr Specified  
file is a directory

-1303 diffVolErr Files on  
different volumes

-1304 catChangedErr Catalog  
has changed and CatPosition  
may be invalid

-1305 desktopDamagedErr The  
desktop database has become  
corrupted – the Finder will  
fix this, but if your  
application is not running  
with the Finder, use DTReset  
or DTDelete

#### AppleEvent Errors

-1700 errAECOercionFail Data  
couldn't be coerced to the  
requested descriptor type

-1701 errAEDescNotFound  
Descriptor record was not  
found

-1702 errAECorruptData Data in  
an Apple event couldn't be  
read

-1703 errAEWrongDataType Wrong  
descriptor type

-1704 errAENotAEDesc Not a  
valid descriptor record

-1705 errAEBadListItem  
Operation involving a list  
item failed

-1706 errAENewerVersion Needs  
newer version of Apple Event  
Manager

-1707 errAENotAppleEvent Event  
is not an Apple event

-1708 errAEEventNotHandled  
Event wasn't handled by an  
Apple event handler

-1709 errAERReplyNotValid  
AEResetTimer was passed an  
invalid reply

-1710 errAEUnknownSendMode  
Invalid sending mode was  
passed

-1711 errAEWaitCanceled User  
cancelled out of wait loop for  
receipt of reply

-1712 errAETimeout Apple event  
timed out

-1713 errAENoUserInteraction  
No user interaction allowed

-1714 errAENotASpecialFunction  
Wrong keyword for a special  
function

-1715 errAEPParamMissed Handler  
did not get all required  
parameters

-1716 errAEUnknownAddressType  
Unknown Apple event address  
type

-1717 errAEHandlerNotFound No  
handler found for an Apple  
event or a coercion

-1718 errAERReplyNotArrived  
Reply has not yet arrived

-1719 errAEIllegalIndex Not a  
valid list index

#### AppleTalk – ATP Errors

---

-3101 buf2SmallErr Packet too large  
for buffer; partial data  
returned

-3102 noMPPErr No MPP error

-3103 ckSumErr Checksum error

-3104 extractErr Extraction  
error

-3105 readQErr Read queue  
error

-3106 atpLenErr ATP length  
error

-3107 atpBadRsp ATP bad  
response error

-3108 recNotFnd Record not  
found

-3109 sktClosedErr Socket  
closed error

#### Print Manager w/LaserWriter Errors

---

-4096 ??? No free Connect  
Control Blocks available

-4097 ??? Bad connection  
reference number

-4098 ??? Request already  
active

-4099 ??? Write request too  
big

-4100 ??? Connection just  
closed

-4101 ??? Printer not found,  
or closed

#### File Manager Extensions Errors

---

-5000 accessDenied Incorrect  
access for this file/folder

-5006 DenyConflict  
Permission/Deny mode conflicts  
with the current mode in which  
this fork is already open

-5015 NoMoreLocks Byte range  
locking failure from Server

-5020 RangeNotLocked Attempt  
to unlock an already unlocked  
range

-5021 RangeOverlap Attempt to  
lock some of an already locked  
range

#### AFP Errors (XPP driver)

---

-5000 afpAccessDenied AFP Access  
denied

-5001 afpAuthContinue AFP  
Authorisation continue

-5002 afpBadUAM AFP Bad UAM

-5003 afpBadVersNum AFP Bad

version number

-5004 afpBitmapErr AFP Bit map error

-5005 afpCantMove AFP Can't move error

-5006 afpDenyConflict AFP Deny conflict

-5007 afpDirNotEmpty AFP Dir not empty

-5008 afpDiskFull AFP Disk full

-5009 afpEofError AFP End-of-File error

-5010 afpFileBusy AFP File busy

-5011 afpFlatVo AFP Flat volume

-5012 afpItemNotFound AFP Information not found

-5013 afpLockErr AFP Lock error

-5014 afpMiscErr AFP Misc error

-5015 afpNoMoreLocks AFP No more locks

-5016 afpNoServer AFP No server

-5017 afpObjectExists AFP Object already exists

-5018 afpObjectNotFound AFP Object not found

-5019 afpParmErr AFP Parameter error

-5020 afpRangeNotLocked AFP Range not locked

-5021 afpRangeOverlap AFP Range overlap

-5022 afpSessClosed AFP Session closed

-5023 afpUserNotAuth AFP User not authorised

-5024 afpCallNotSupported AFP Call not supported

-5025 afpObjectTypeErr AFP Object type error

-5026 afpTooManyFilesOpen AFP  
Too many files open

-5027 afpServerGoingDown AFP  
Server going down

-5028 afpCantRename AFP Can't  
rename

-5029 afpDirNotFound AFP  
Directory not found

-5030 afpIconTypeError Size of  
new icon and one it replaces  
don't match

-5031 afpVolLocked Volume is  
Read-Only

-5032 afpObjectLocked Object  
is M/R/D/W inhibited

#### SysEnviron Errors

---

-5500 envNotPresent SysEnviron  
trap not present - returned by  
glue.

-5501 envBadVers Version  
non-positive

-5502 envVersTooBig Version  
bigger than call can handle

#### Gestalt Errors

---

-5550 gestaltUnknownErr Can't  
obtain a response

-5551 gestaltUndefSelectorErr  
Undefined selector

-5552 gestaltDupSelectorErr  
Selector already exists

-5553 gestaltLocationErr  
Function not in system heap

#### LaserWriter Driver Errors

---

-8132 ???? Manual Feed time  
out

-8133 ???? General PostScript  
Error

-8150 ???? No LaserWriter  
chosen

-8151 ???? Version mismatch  
between LaserPrep dictionaries

-8150 ??? No LaserPrep  
dictionary installed

-8160 ??? Zoom scale factor  
out of range

#### PictInfo Errors

---

-11000 pictInfoVersionErr Version  
number not zero

-11001 pictInfoIDErr Invalid  
PictInfo ID

-11002 pictInfoVerbErr Invalid  
verb combination specified

-11003 cantLoadPickMethodErr  
Custom pick method not in  
resource chain

-11004 colorsRequestedErr  
Number out of range or >  
passed to NewPictInfo

-11005 pictureDataErr Invalid  
picture data

#### Power Manager Errors

---

-13000 pmBusyErr Power Manager IC  
busy

-13001 pmReplyT0Err Timed out  
waiting to begin reply  
handshake

-13002 pmSendStartErr Power  
Manager IC didn't start  
handshake

-13003 pmSendEndErr During  
send, PM didn't finish  
handshake

-13004 pmRecvStartErr During  
receive, PM didn't start  
handshake

-13005 pmRecvEndErr During  
receive, PM didn't finish  
handshake

#### Mac TCP Errors

---

-23000 ipBadLapErr Bad network  
configuration

-23001 ipBadCnfgErr Bad IP  
configuration error

-23002 ipNoCnfgErr Missing IP  
or LAP configuration error

-23003 ipLoadErr Error in  
MacTCP load

-23004 ipBadAddr Error in  
getting address

-23005 connectionClosing  
Connection in closing

-23006 invalidLength

-23007 connectionExists  
Request conflicts with  
existing connection

-23008 connectionDoesntExist  
Connection does not exist

-23009 insufficientResources  
Insufficient resources to  
perform request

-23010 invalidStreamPtr

-23011 streamAlreadyOpen

-23012 connectionTerminated

-23013 invalidBufPtr

-23014 invalidRDS

-23014 invalidWDS

-23015 openFailed

-23016 commandTimeout

-23017 duplicateSocket

-23030 ipOpenProtErr Can't  
open new protocol, table full

-23031 ipCloseProtErr Can't  
find protocol to close

-23032 ipDontFragErr Packet  
too large to send w/o  
fragmenting

-23033 ipDestDeadErr  
Destination not responding

-23034 ipBadWDSERR Error in  
WDS format

-23035 icmpEchoTimeoutErr ICMP  
echo timed-out

-23036 ipNoFragMemErr No  
memory to send fragmented pkt

-23037 ipRouteErr Can't route  
packet off-net

-23041 nameSyntaxErr

-23042 cacheFault

-23043 noResultProc

-23044 noNameServer

-23045 authNameErr

-23046 noAnsErr  
-23047 dnrErr  
-23048 outOfMemory

## Primary or Secondary Init Code Errors

-----  
-32768 svTempDisable  
Temporarily disable card but  
run primary init

-32640 svDisabled Reserve  
-32640 to -32768 for Apple  
temp disables

## ===== More About Type 1 Errors =====

From: abrody@worldweb.net  
(Don't Panic)

Subject:  
Type-1-FAQ-9-28-95.txt

Why does my ... Application  
unexpectedly quit? Finder  
report a Type 1, 2, 3, or 28  
error? Finder report an F-line  
error? Finder report a  
BusError (Type 1)?

All four of these happen  
basically due to any of the  
following problems: Your  
desktop file is corrupted Your  
PRAM is corrupted An INIT  
conflict A fragmented hard  
drive Incompatibility with  
machine or system Lack of math  
co-processor (usually followed  
by a Finder error 90)  
Preference file corrupts  
Internet connection through  
TurboGopher, Fetch, Telnet,  
Mosaic, Eudora, or other  
TCP/IP client application  
quits with a type 1 error.

Solution: To uncorrupt (or  
rebuild) your desktop file,  
after the About this Macintosh  
screen disappears during  
startup, press the Apple and  
Option keys simultaneously.  
This results in the loss of  
file comments in the Get Info  
of the Finder.

To uncorrupt (or ZAP) your  
PRAM, hit the Command, Option,  
P, and R keys simultaneously

when your Mac starts up. The screen will blink, and when the Mac is done loading, you will have to reset some control panels to the desired settings. Also, if you don't want AppleTalk on, zapping the PRAM turns it on. To fix the AppleTalk problem, just enter the Chooser DA, and turn it off.

An INIT conflict. Extensions Manager 2.0.1 is free and available at many sites on the Net and at Mac BBSs. It is made by Apple, and allows you to select which INITs (Extensions in System 7) are loaded. Sometimes the conflicting INIT can be loaded by itself without any problems. If you isolate the conflicting INIT, try renaming it either the last or the first name in the alphabet of INITs. Entering a space in the name puts it before the other INITs that begin with a number or alphabet character. Control keys are even earlier. Finally, all programs that do not require extensions loaded, will work fine with all extensions off. To turn off all extensions, press the SHIFT key upon startup. Conflict Catcher 3.0 by Cassady & Green (commercial) will also all this, but it has a much more sophisticated system for catching INIT conflicts.

Two utilities are available commercially to fix fragmented hard drives: Speed Disk (by Norton), and DiskExpress by Alsoft (I forget who bought Alsoft, but somebody will probably reply to this FAQ mentioning who did). Turn off all your extensions except the DiskExpress control panel (if using Alsoft's product), when you do a defragmentation.

For preference files that corrupt, Virex (commercial), the virus detection program can detect the individual preference file that got corrupted. There may be other software to detect corrupted preference files, but that is

the only one I am aware of. Removing the preference file once isolated, will fix the problem.

If none of these solutions appear to fix the problem, then you need to contact the author and tell them what System you are running, the RAM installed on your system, whether your machine has an FPU, and what machine you are using. The system can be found by selecting About This Macintosh (or About Finder) >From the Apple Menu when you are in the Finder. The RAM installed is also in that window. The author can tell you if the software is compatible with your machine.

All LC machines lack FPUs (except those that have had them specifically installed). Please note, all Blackbird 68040 Powerbooks lack FPUs, even if they are not advertised as such (the exception may come with the PowerMac upgrade due later this year).

In addition there are times when too much multi-tasking may cause a BusError. This is due to the fact that some machines have pathways half the size of the CPU leading to the CPU. The 68020 is a 32-bit CPU, with 16-bit pathways. Hence there is a logjam of information. Similarly, the PowerPC 601 and 603 processors have a 64-bit processor with a 32-bit Bus. Only True 68030, 68040 (Quadra AVs, some 63x, 700, 800, 900 series), and PowerPC 604s are devoid of this problem along with the FPU problem. PowerPC chips have a built in FPU, and SoftFPU for PowerMac (shareware) will make it so that programs requiring the external FPU notice the one in the PowerPC.

Internet type 1 errors. Your connection was improperly setup before you attempted loading the TCP/IP client application. Connect to a registered Domain Nameserver

before attempting to load any TCP/IP. If you don't know how to do this, I'd be happy to help with any MacPPP style connection for single user connections.

Above all, read the documentation that comes with the software. Most of the time the author specifies what is required in the documentation.

If there is no documentation use the software at your own risk.

Standard disclaimers apply.

Hope this helps. Sincerely,  
ABRODY@worldweb.net