

B

OS-9 Error Codes

This section lists OS-9 error codes in numerical order. The first three numbers indicate a group of messages. Processor-specific error messages can also be added with each processor family port. If this manual has not been updated to include the messages for your processor, see the `errmsg` file in the `OS9000/SRC/SYS/ERRMSG` directory. This appendix includes the following topics:

- [Error Categories](#)
- [Errors](#)

Error Categories

OS-9 error codes are grouped in the following categories:

Table B-1. OS-9 Error Code Categories

Range	Description
000:001 - 000:031	Miscellaneous Errors Refer to Table B-2 .
000:032 - 000:047	Ultra C Related Errors Refer to Table B-3 .
000:060 - 000:069	Miscellaneous Program Errors Refer to Table B-4 .
000:080 - 000:089	Miscellaneous OS Errors Refer to Table B-5 .
000:102 - 000:132 000:134 - 000:163	Reserved Errors Refer to Table B-6 .
000:133	Uninitialized User Trap (1-15) Error Refer to Table B-6 .
000:164 - 000:239	Operating System Errors (usually generated by the kernel or file managers) Refer to Table B-7 .
000:240 - 000:255	I/O Errors (generated by device drivers or file managers) Refer to Table B-8 .
000:256	ANSI C math out-of-range error Refer to Table B-9 .
001:000 - 001:099	Compiler Errors Refer to Table B-10 .
006:100 - 006:206	RAVE Errors Refer to Table B-11 .
007:001 - 007:029	Internet Errors Refer to Table B-12 .
008:257 - 008:288	IEEE1394 Errors Refer to Table B-13 .
008:321 - 008:339	SVLAN Errors Refer to Table B-14 .
020:001 - 020:022	POSIX Errors Refer to Table B-15 .
100:000 - 100:999	PowerPC Processor-specific Errors Refer to Table B-16 .
102:000 - 102:032	MIPS Processor-specific Errors Refer to Table B-17 .
103:000 - 103:008	ARM Processor-specific Errors Refer to Table B-18 .
104:002 - 104:009 104:011 - 104:115 104:200 - 104:204	SuperH Processor-specific Errors Refer to Table B-19 .

Errors

The following OS-9 error codes are defined in the `errno.h` file.

Table B-2. Miscellaneous Error Codes

Number	Name	Description
000:001		Process has aborted.
000:002	S_Abort signal	Keyboard quit (^E) typed.
000:003	S_Intrpt signal	Keyboard interrupt (^C) typed.
000:004	S_HangUp signal	Modem hangup.

Table B-3. Ultra C Error Codes

Number	Name	Description
000:032	EOS_SIGABRT	An abort signal was received.
000:033	EOS_SIGFPE	An erroneous math operation signal was received.
000:034	EOS_SIGILL	An illegal function image signal was received.
000:035	EOS_SIGSEGV	A segment violation (bus error) signal was received.
000:036	EOS_SIGTERM	A termination request signal was received.
000:037	EOS_SIGALRM	An alarm time elapsed signal was received.
000:038	EOS_SIGPIPE	A write to pipe with no readers signal was received.
000:039	EOS_SIGUSR1	A user signal #1 was received.
000:040	EOS_SIGUSR2	A user signal #2 was received.
000:041	EOS_SIGCHECK	A machine check exception signal was received.
000:042	EOS_SIGALIGN	An alignment exception signal was received.
000:043	EOS_SIGINST	An instruction access exception signal was received.
000:044	EOS_SIGPRIV	A privilege violation exception signal was received.

Table B-4. Miscellaneous Program Error Codes

Number	Name	Description
000:064	EOS_ILLFNC	Illegal function code.
000:065	EOS_FMTERR	ASCII to numeric format conversion error.
000:066	EOS_NOTNUM	Number not found.
000:067	EOS_ILLARG	Illegal argument.
000:067	EINVAL	Invalid argument (POSIX).

Table B-5. Miscellaneous Operating System Error Codes

Number	Name	Description
000:080	EOS_MEMINUSE	Memory already in use.
000:081	EOS_UNKADDR	Do not know how to translate.

Table B-6. Operating System Reserved Error Codes

Number	Name	Description
000:102	EOS_BUSERR	A bus trap error occurred.
000:103	EOS_ADRERR	An address trap error occurred.
000:104	EOS_ILLINS	An illegal instruction exception occurred.
000:105	EOS_ZERDIV	A zero divide exception occurred.
000:106	EOS_CHK	A <code>chk</code> or <code>chk2</code> instruction trap occurred.
000:107	EOS_TRAPV	A <code>trapv</code> or <code>trapcc</code> instruction occurred.
000:108	EOS_VIOLAT	A privileged instruction violation occurred.
000:109	EOS_TRACE	An uninitialized Trace exception occurred.
000:110	EOS_1010	A 1010 instruction exception occurred.
000:111	EOS_1111	A 1111 instruction exception occurred.
000:112	EOS_RESRVD	An invalid exception occurred (#12).
000:113	EOS_CPROTO	Coprocessor protocol violation.
000:114	EOS_STKFMT	System stack frame format error.
000:115	EOS_UNIRQ	An uninitialized interrupt occurred.
000:116 - 000:123		An invalid exception occurred (#16 - #23).
000:124		Spurious Interrupt occurred.
000:133	EOS_TRAP	An uninitialized user TRAP (1-15) was executed.
000:148	EOS_FPUNORDC	Floating point coprocessor unordered condition.
000:149	EOS_FPINXACT	Floating point coprocessor inexact result.
000:150	EOS_FPDIVZER	Floating point coprocessor divide by zero.
000:151	EOS_FPUNDRFL	Floating point coprocessor underflow.
000:152	EOS_FPOPRERR	Floating point coprocessor operand error.
000:153	EOS_FPOVERFL	Floating point coprocessor overflow.
000:154	EOS_FPNOTNUM	Floating point coprocessor not a number.
000:155	EOS_FPUNDATA	FP Unsupported data type.
000:156	EOS_MMUCONF	PMMU Configuration exception.
000:157	EOS_MMUILLEG	PMMU Illegal Operation exception.
000:158	EOS_MMUACCES	PMMU Access Level Violation exception.
000:159 - 000:163		An invalid exception occurred (#59 - #63).

Table B-7. OS-9-Specific Error Codes

Number	Name	Description
000:164	EOS_PERMIT	No permission. A user process has attempted something that can only be done by a <i>super user</i> .
000:164	EACCESS	POSIX access denied.
000:165	EOS_DIFFER	The arguments to F_CHKNAM do not match.
000:166	EOS_STKOVF	System stack overflow. F_ChkNam can return this error if the pattern string is too complex.
000:167	EOS_EVNTID	Invalid or illegal event ID number.
000:168	EOS_EVNF	Event name not found.
000:169	EOS_EVBUSY	The event is busy (and can't be deleted).
000:170	EOS_EVPARAM	Impossible event parameters supplied.
000:171	EOS_DAMAGE	System data structures have been damaged.
000:172	EOS_BADREV	Module revision is incompatible with operating system.
000:173	EOS_PTHLOST	Path became lost because network node was down.
000:174	EOS_BADPART	Bad (disk) partition data, or no active partition.
000:175	EOS_HARDWARE	Hardware damage has been detected.
000:176	EOS_NOTME	Not my device. Error returned by an interrupt service routine when it is polled for an interrupt its device did not cause.
000:177	EOS_BSIG	Fatal signal or no intercept routine. Process received a fatal signal or did not have an intercept function.
000:178	EOS_BUF2SMALL	The buffer passed is too small. A routine was passed a buffer too small to hold the data requested.
000:179	EOS_ISUB	Illegal/used subroutine module number.
000:180	EOS_EVTFUL	Event descriptor table full.
000:196	EOS_SYMLINK	Symbolic link found in path list. A link was attempted that would have caused recursion in the file structure. You may not link to a directory containing the real directory.
000:197	EOS_EOLIST	End of alias list.
000:198	EOS_LOCKID	Illegal I/O lock identifier specified. Usually this error occurs because a user has initialized a device for use with more than one file manager.
000:199	EOS_NOLOCK	Lock not obtained.
000:200	EOS_PTHFUL	The user's (or system) path table is full. Usually this error occurs because a user program has tried to open more than 32 I/O paths simultaneously. It might also occur if the system path table becomes full and can not be expanded.

Table B-7. OS-9-Specific Error Codes (Continued)

Number	Name	Description
000:201	EOS_BPNUM	Bad path number. An I/O request has been made with an invalid path number, or one not currently open.
000:201	EBADF	Bad file descriptor (POSIX).
000:203	EOS_BMODE	Bad I/O mode. An attempt has been made to perform I/O on a path incapable of supporting it. For example, writing to a path open for input.
000:204	EOS_DEVOVF	The system's device table is full. To install another device descriptor, one must first be removed. The system init module can be changed to allow more devices.
000:205	EOS_BMID	Bad module ID. An attempt has been made to load a module without a valid module header.
000:206	EOS_DIRFUL	The module directory is full. No more modules can be loaded or created unless one is first unlinked. Although OS-9 automatically expands the module directory when it becomes full, this error may be returned because there is not enough memory or the memory is too fragmented to use.
000:207	EOS_MEMFUL	Memory full. This error is returned from the <code>F_SRqMem</code> service call when there is not enough system RAM to fulfill the request, or if a process has already been allocated the maximum number of blocks permitted by the system.
000:208	EOS_UNKSVC	Unknown service code. An OS-9 call specified an unknown or invalid service code, or a <code>getstat/setstat</code> call was made with an unknown status code.
000:209	EOS_MODBSY	The module is busy. An attempt has been made to access (through <code>F_Link</code>) a non-sharable module or non-sharable device already in use.
000:210	EOS_BPADDR	Bad page address. A memory de-allocation request has been given a buffer pointer or size that is invalid, often because it references memory that has not been allocated to the caller. The system detects trouble when the buffer is returned to free memory or if it is used as the destination of a data transfer, such as <code>I_Read</code> .
000:210	EFAULT	Bad address (POSIX).

Table B-7. OS-9-Specific Error Codes (Continued)

Number	Name	Description
000:211	EOS_EOF	The end of file has been reached. An end of file condition was encountered on a read operation.
000:211	EPIPE	Broken pipe (POSIX).
000:212	EOS_VCTBSY	IRQ vector is busy. A device has tried to install itself in the IRQ table to handle a vector claimed by another device.
000:213	EOS_NES	Non-existing segment. A search was made for a disk file segment that cannot be found. The device could have a damaged file structure.
000:214	EOS_FNA	File not accessible. An attempt to open a file failed. The file was found, but is inaccessible in the requested mode. Check the file's owner ID and access attributes.
000:214	EPERM	Operation not permitted (POSIX).
000:215	EOS_BPNAM	Bad pathlist specified. The specified pathlist has a syntax error, for example, an illegal character.
000:216	EOS_PNNF	File not found. The specified pathlist does not lead to any known file.
000:216	ENOENT	No such file or directory (POSIX).
000:217	EOS_SLF	File segment list is full. A file has become too fragmented to accommodate further growth. This can occur on a nearly full disk, or one whose free space has become scattered. The simplest way to solve the problem is to copy the file, which should move it into more contiguous space.
000:218	EOS_CEF	Tried to create an existing file. The specified filename already appears in the current directory.
000:218	EEXIST	File exists (POSIX).
000:219	EOS_IBA	Illegal memory block specified. The system was called to return memory, but was passed an invalid pointer or block size.
000:220	EOS_HANGUP	Telephone (modem) connection terminated. This error is returned when an I/O operation is attempted on a path after irrecoverable line problems have occurred, such as data carrier lost. It may be returned from network devices, if the network connection is lost.
000:221	EOS_MNF	Module not found. An <code>F_Link</code> call was made to a module not in memory. Modules with corrupted or modified headers will not be found.

Table B-7. OS-9-Specific Error Codes (Continued)

Number	Name	Description
000:222	EOS_NOCLK	No system clock. A request was made requiring a system clock, but one is not running. For example, a timed <code>F_Sleep</code> call has been requested, but the clock was not running. The <code>setime</code> utility is used to start the system clock.
000:223	EOS_DELSP	Deleting stack memory. A process tried to return the memory containing its current stack pointer to the system. This is also known as a suicide attempt.
000:224	EOS_IPRCID	Illegal process ID. A system call was passed a process ID to a non-existent or inaccessible process.
000:224	ESRCH	No such process (POSIX).
000:225	EOS_PARAM	Bad parameter. A system call was passed an illegal or impossible parameter.
000:226	EOS_NOCHLD	No children. An <code>F_Wait</code> call was made with no child processes to wait for.
000:226	ECHILD	No child process (POSIX)
000:227	EOS_ITRAP	Invalid trap number. An <code>F_Tlink</code> call was made with an invalid user trap code or one already in use.
000:228	EOS_PRCABT	The process has been aborted.
000:229	EOS_PRCFUL	Too many active processes. The system's process table is full. (Too many processes are currently running.) The kernel automatically tries to expand the process table, but returns this error if there is not enough contiguous memory to do so.
000:230	EOS_IFORKP	Illegal fork parameter (not currently used)
000:231	EOS_KWNMOD	Known module. A call was made to install a module that is already in memory.
000:232	EOS_BMCRC	Bad module CRC. A CRC calculation is performed on every module when it is installed in the system module directory. Only modules with good CRCs are accepted. To generate a valid CRC value in an intentionally altered module, use the <code>fixmod</code> utility.
000:233	EOS_SIGNAL	Signal error (replaces <code>EOS_USIGR</code>)
000:234	EOS_NEMOD	Non executable module.
000:235	EOS_BNAM	Bad name. This error is returned by the <code>F_PrsNam</code> system call if there is a syntax error in the name.

Table B-7. OS-9-Specific Error Codes (Continued)

Number	Name	Description
000:236	EOS_BMHP	Bad module header parity.
000:237	EOS_NORAM	No RAM available. A process has made an <code>F_Mem</code> request to expand its memory size. <code>F_Mem</code> is no longer supported and <code>F_SrqMem</code> should be used. This error may also be returned if there is not enough contiguous memory to process a fork request or if a device driver does not specify any static storage requirements.
000:237	ENOMEM	Insufficient RAM (POSIX).
000:238	EOS_DNE	The directory is not empty. The directory attribute of a file cannot be removed unless the directory is empty. This prevents accidental loss of disk space.
000:239	EOS_NOTASK	No available task number. All of the task numbers are currently in use and a request was made to execute or create a new task. This error could be returned by a system security module (SSM).

Table B-8. OS-9-Specific I/O Error Codes

Number	Name	Description
000:240	EOS_UNIT	Illegal unit (drive) number.
000:241	EOS_SECT	Bad disk sector number.
000:242	EOS_WP	Media is write protected.
000:243	EOS_CRC	Bad module cyclic redundancy check value. A CRC error occurred on read or write verify.
000:244	EOS_READ	Read error. A data transfer error occurred during a disk read operation, or an SCF (terminal) input buffer overrun.
000:244	EIO	POSIX I/O error.
000:245	EOS_WRITE	A hardware error occurred during a disk write operation.
000:246	EOS_NOTRDY	Device not ready.
000:246	ENODEV	No such device (POSIX).
000:246	ENXIO	No such device or address (POSIX).
000:247	EOS_SEEK	Seek error. A physical seek operation was unable to find the specified sector.
000:248	EOS_FULL	Media has insufficient free space.
000:249	EOS_BTYP	Bad type (incompatible media). A read operation was attempted on incompatible media. For example, a read operation for a double-sided disk was tried on a single-sided disk.

Table B-8. OS-9-Specific I/O Error Codes (Continued)

Number	Name	Description
000:250	EOS_DEVBSY	A non-sharable device is in use.
000:250	EBUSY	POSIX resource busy.
000:251	EOS_DIDC	Disk ID change. RBF copies the disk ID number (from sector zero) into the path descriptor of each path when it is opened. If it does not agree with the driver's current disk ID, this error is returned. The driver updates the current disk ID only when sector zero is read; it is possible to swap disks without RBF noticing; this prevents this possibility.
000:252	EOS_LOCK	Another process is accessing the record. Normal record locking routines wait for a record in use by another user to become available. However, RBF may be told (through a <code>SetStat</code> call) to wait for a finite amount of time. If the time expires before the record becomes free, this is returned.
000:253	EOS_SHARE	Non-sharable file/device is busy. The requested file or device has the single user bit set or was opened in single user mode and another process is accessing the file. This is returned when an attempt is made to delete an open file.
000:254	EOS_DEADLK	I/O deadlock error, returned when two or more processes are waiting for each other to release I/O resources before they can proceed. One must release control to enable the other to proceed.
000:255	EOS_FORMAT	Device is format protected. This error occurs when an attempt is made to format a format-protected disk. A bit in the device descriptor may be changed to allow the device to be formatted. Formatting is usually inhibited on hard disks to prevent accidental erasure.

Table B-9. OS-9-Specific ANSI C Error Codes

Number	Name	Description
000:256	ERANGE	ANSI C math out of range error.

Table B-10. OS-9-Specific Compiler Error Codes

Number	Name	Description
001:000	ERANGE	ANSI C Number out of range error.
001:001	EDOM	ANSI C Number Not in Domain.

Table B-11. OS-9-Specific RAVE Error Codes

Number	Name	Description
006:000	EOS_ILLRPM	An illegal parameter was passed to a function.
006:001	EOS_IDFULL	Identifier (ID) table full. An ID table could not be expanded.
006:002	EOS_BADSIZ	Bad size error.
006:003	EOS_RGFULL	Region definition full (overflow). The region is too complex.
006:004	EOS_UNID	Unallocated identifier number. An attempt was made to use an ID number for an object (drawmap, action region, etc.) that was not allocated.
006:005	EOS_NULLRG	Null region.
006:006	EOS_BADMOD	Bad drawmap/pattern mode. An illegal mode was passed to create a drawmap or pattern.
006:007	EOS_NOFONT	No active font. No font was activated when an attempt to output text was made.
006:008	EOS_NODM	No drawmap. No character output drawmap was available when attempting an <code>_os_write</code> or <code>_os_writeln</code> call.
006:009	EOS_NOPLAY	No audio play in progress. An attempt was made to stop an audio play when none was in progress.
006:010	EOS_ABORT	Asynchronous operation aborted.
006:011	EOS_QFULL	Audio queue is full. The driver queue could not handle the number of soundmaps you were attempting to output.
006:012	EOS_BUSY	Audio processor is busy.

Table B-12. OS-9-Specific Internet Error Codes

Number	Name	Description
007:001	EWOULDBLOCK	I/O operation would block. An operation was attempted that would cause a process to block on a socket in non-blocking mode.
007:001	EAGAIN	POSIX item temporarily available.
007:002	EINPROGRESS	I/O operation now in progress. An operation taking a long time to complete was performed, such as a <code>connect ()</code> call, on a socket in non-blocking mode.

Table B-12. OS-9-Specific Internet Error Codes (Continued)

Number	Name	Description
007:003	EALREADY	Operation already in progress. An operation was attempted on a non-blocking object that already had an operation in progress.
007:003	EINTR	Interrupted function call (POSIX).
007:004	EDESTADDRREQ	Destination address required. The attempted socket operation requires a destination address.
007:005	EMSGSIZE	Message too long. A message sent on a socket was larger than the internal message buffer or some other network limit.
007:006	EPROTOTYPE	Protocol wrong type for socket. A protocol was specified that does not support the semantics of the socket type requested.
007:007	ENOPROTOOPT	Bad protocol option. A bad option or level was specified in a <code>getsockopt()</code> or <code>setsockopt()</code> call.
007:008	EPROTONOSUPPORT	Protocol not supported. The requested protocol is not available or not configured for use.
007:009	ESOCKNOSUPPORT	Socket type not supported. The requested socket type is not supported or not configured for use.
007:010	EOPNOTSUPP	Operation unsupported on socket.
007:011	EPFNOSUPPORT	Protocol family not supported.
007:012	EAFNOSUPPORT	Address family unsupported by protocol.
007:013	EADDRINUSE	Address already in use. Only one use of each address is normally permitted. Wildcard use and connectionless communication are the exceptions.
007:014	EADDRNOTAVAIL	Cannot assign requested address. Normally results when an attempt is made to create a socket with an address not on the local machine.
007:015	ENETDOWN	Network is down.
007:016	ENETUNREACH	Network is unreachable. This is usually caused by network interface hardware that is operational, but not physically connected to the network. This error is also returned when the network has no way to reach the destination address.
007:017	ENETRESET	Network lost connection on reset. The host crashed and rebooted.
007:018	ECONNABORTED	Software caused connection abort. The local (host) machine caused a connection abort.

Table B-12. OS-9-Specific Internet Error Codes (Continued)

Number	Name	Description
007:019	ECONNRESET	Connection reset by peer. A peer forcibly closed the connection. This normally results from a loss of connection on the remote socket due to a time out or reboot.
007:020	ENOBUFS	No buffer space available. A socket operation could not be performed because the system lacked sufficient buffer space or queue was full.
007:021	EISCONN	Socket is already connected. The connection request was made for an already connected socket. Sending a <code>sendto()</code> call to an already connected destination could cause this error.
007:022	ENOTCONN	Socket is not connected. A request to send or received data was rejected because the socket was not connected or no destination was given for a datagram socket.
007:023	ESHUTDOWN	Cannot send after socket shutdown. Additional data transmissions are not allowed after the socket was shut down.
007:024	ETOOMANYREFS	Too many references.
007:025	ETIMEDOUT	Connection timed out. A <code>connect()</code> or <code>send()</code> request failed because the connected peer did not properly respond after a set period of time. The time out period depends on the protocol used.
007:026	ECONNREFUSED	Connection refused by target. No connection could be established because the target machine actively refused it. This usually results from trying to connect to an inactive service on the target host.
007:027	EBUFTOOSMALL	Buffer too small for <code>F_MBuf</code> operation. The specified buffer cannot be used to support <code>F_MBUF(SysMbuf)</code> calls.
007:028	ESMODEXISTS	Socket module already attached. An attach was requested of an already attached socket.
007:029	ENOTSOCK	Path is not a socket. A socket function was attempted on a path that is not a socket.
007:030	EHOSTUNREACH	No route to host.
007:031	EHOSTDOWN	Host is down.
008:001	EOS_LNKDWN	Layer 1 link down (driver).
008:002	EOS_CONN	Connection error (driver).
008:003	EOS_RXTHREAD	Error in receive thread.

Table B-12. OS-9-Specific Internet Error Codes (Continued)

Number	Name	Description
008:004	EOS_ME	Management entity error.
008:005	EOS_SAPI	Unrecognized SAPI
008:006	EOS_TEI	TEI not found.
008:007	EOS_MAX_TEI	Maximum number of TEI.
008:008	EOS_TSTATE	Illegal TEI state.
008:009	EOS_TEI_DENIED	TEI request denied by network.
008:010	EOS_PRIMITIVE	TEI request denied by network.
008:011	EOS_L2IN	Layer 2 error.
008:012	EOS_PEER_BUSY	Peer receiver busy condition
008:013	EOS_K	Maximum number of outstanding I frames.
008:014	EOS_MAXCREF	Maximum number of call references.
008:015	EOS_CREF	Call reference does not exist.
008:016	EOS_CALLPROG	Error on call progress state.
008:017	EOS_RCVR	Receiver previously assigned
008:018	EOS_REQDENIED	Request denied by far end.
008:019	EOS_RXSTART	Receive thread did not start.
008:020	EOS_NOSTACK	Last driver on path's stack.
008:021	EOS_BTMSK	Attempt to pop last driver.
008:022	EOS_NPBNUL	Notify param block is null.
008:023	EOS_PPS_NOTFND	Per path storage not found.
008:024	EOS_STKFULL	Path's stack array is full.
008:025	EOS_MBNOTINST	Sysmbuf is not installed.
008:026	EOS_TMRNTFND	Timer not found.
008:027	EOS_GETIME	Get time error.
008:028	EOS_TIMERINT	Timer interrupt.
008:029	EOS_RXMB_ NODEVENTRY	No device entry in mbuf.
008:030	EOS_PGM_TBLBSY	PSI/SI table is in use.
008:031	EOS_PGM_LOVF	Too many tables being read.
008:032	EOS_PGM_TBLNFND	Table not found.
008:033	EOS_PGM_NFND	Program not found.
008:034	EOS_PGM_NOPLAY	No program is currently playing.
008:035	EOS_NODNDRVR	No down driver.

Table B-13. IEEE 1394 Error Codes

Number	Name	Description
008:257	EOS_MW1394_BUSRESET	Bus reset. An IEEE 1394 Bus is reset whenever the cable is plugged or unplugged or a device forces a bus reset (such as when driver software is initialized).
008:258	EOS_MW1394_NOIRM	No Isochronous Resource Manager found.
008:259	EOS_MW1394_NNF	Requested node not found on the bus.
008:260	EOS_MW1394_TIMEDOUT	Timed out waiting for response. The remote device is not present, does not have memory mapped at the specified location, or does not allow data transfer to that location. This is a general error indicating communication was not successful.
008:261	EOS_MW1394_FAILED	Internal failure.
008:262	EOS_MW1394_BADSIZE	Bad size. The length of the packet (or response) specified is either greater than the maximum allowable payload or the allocated Asynchronous transmit buffer size.
008:263	EOS_MW1394_ADDRINUSE	Address in use. The address could not be mapped because some portion of the requested range has already been mapped.
008:264	EOS_MW1394_ADDRNOTFND	Address not found. The address is not currently mapped, so it need not be unmapped.
008:265	EOS_MW1394_ADDRNOTAVAIL	Address not available. The desired address is not available for mapping.
008:266	EOS_MW1394_INVCHANNEL	Invalid channel. The channel value specified is out of range.
008:267	EOS_MW1394_CHNLINUSE	Channel in use. The specific channel requested is currently in use.
008:268	EOS_MW1394_NOCFGREG	No free Isochronous configuration registers.
008:269	EOS_MW1394_CHNLNOTFND	Channel not found. The specified channel was not found in the isochronous configuration registers.
008:270	EOS_MW1394_CHNL_STOPPED	Channel is stopped. Operations on this channel have been stopped by a call to <code>msl394IsochStop()</code> .
008:271	EOS_MW1394_NO_FREECHNL	Channel deallocation failed.

Table B-13. IEEE 1394 Error Codes (Continued)

Number	Name	Description
008:272	EOS_MW1394_NOXMIT	Could not transmit. Data may not be transmitted because the FIFO is full or a hardware condition is prohibiting transmit.
008:273	EOS_MW1394_INVTOPOMAP	Topology Map invalid. The Topology Map on the Bus Manager is invalid.
008:274	EOS_MW1394_INVSPPEEDMAP	Invalid speedmap.
008:275	EOS_MW1394_BUSMGR_EXISTS	Bus Manager already present. There is already a Bus Manager present.
008:276	EOS_MW1394_BEBUSMGRFAIL	IRM refused request. The request to be a bus manager failed because the Isochronous Resource Manager did not honor request.
008:277	EOS_MW1394_BUSMGR_ALRDY	Already the Bus Manager. The requesting node is already the Bus Manager.
008:278	EOS_MW1394_ALLOCCHNLFAIL	Channel allocation failed.
008:279	EOS_MW1394_FREECHNLFAIL	Channel deallocation failed.
008:280	EOS_MW1394_CHNLFREEALRDY	Channel already free. The specified channel is already free.
008:281	EOS_MW1394_ALLOCBWDTHFAIL	Failed to allocate bandwidth.
008:282	EOS_MW1394_FREEBWDTHFAIL	Failed to deallocate bandwidth.
008:283	EOS_MW1394_BANDWIDTH_NOTAVAIL	Bandwidth is not available. The amount of bandwidth requested is not available. The caller may reduce the desired maxbytesPerFrame and try again or retry after some delay.
008:284	EOS_MW1394_INV_BANDWIDTH_HNDL	Invalid handle. No bandwidth handle is found with the specified handleID.
008:285	EOS_MW1394_NOBUFFERS_ATTCHD	No buffers attached. No buffers are attached for the specified channel.
008:286	EOS_MW1394_RCODE_ERROR	Remote response code was not RCODE_COMPLETE. A response code other than RCODE_COMPLETE was received.
008:287	EOS_MW1394_NOBUSMGR	No Bus Manager found.
008:288	EOS_MW1394_INVACCESSTYPE	Invalid access type. No valid access type was specified.

Table B-14. SVLAN Error Codes

Number	Name	Description
008:321	EOS_INVALID_BRIDGE	Bridge identifier is out of range.
008:322	EOS_INVALID_PORT	Port is out of range.
008:323	EOS_VTM_NOT_STARTED	The table manager has not been started.
008:324	EOS_INSUFFICIENT_MEMORY	The buffer is too small for data.
008:325	EOS_INVALID_MAC_ADDRESS	Invalid MAC address specified.
008:326	EOS_NO_LEARNING	Port does not support learning.
008:327	EOS_INVALID_PORTMAP	The specified portmap is invalid.
008:328	EOS_INVALID_VID	VLAN identifier value is out of range.
008:329	EOS_INVALID_PORT_NUMBER	Port number is out of range.
008:330	EOS_NO_TRANSFORMED_VID	No transformed VID has been specified.
008:331	EOS_INVALID_MAX_AGE	Maximum age value is out of range and/or does not conform to the set rules.
008:332	EOS_INVALID_FORWARD_DELAY	Forward delay is out of range.
008:333	EOS_INVALID_MAX_ADDRESS	Maximum address value is out of range.
008:334	EOS_INVALID_HELLO_TIME	Hello time value is out of range.
008:335	EOS_INVALID_TIMEOUT	Timeout value is out of range.
008:336	EOS_NO_BRIDGE	There is no such bridge.
008:337	EOS_NO_PORT	There is no such port.
008:338	EOS_PORT_EXISTS	The specified port is already part of the bridge.
008:339	EOS_ENF	BAT entry not found in table.

Table B-15. POSIX Error Codes

Number	Name	Description
020:001	E2BIG	Argument list too long.
020:003	EBADMSG	Bad message.
020:004	ECANCELED	Operation cancelled.
020:005	EDEADLK	Resource deadlock avoided.
020:006	EFBIG	File too big.
020:007	EISDIR	Is a directory.
020:008	EMFILE	Too many process open files.
020:009	EMLINK	Too many links.
020:010	ENAMETOOLONG	Filename too long.
020:011	ENFILE	Too many system open files.
020:012	ENOEXEC	Exec format error.

Table B-15. POSIX Error Codes (Continued)

Number	Name	Description
020:013	ENOLCK	No locks available.
020:014	ENOSPC	No space left on device.
020:015	ENOSYS	Function not implemented.
020:016	ENOTDIR	Not a directory.
020:017	ENOTEMPTY	Directory not empty.
020:018	ENOTSUP	Not supported.
020:019	ENOTTY	Bad I/O control operation.
020:020	EROFS	Read-only file system.
020:021	ESPIPE	Invalid seek.
020:022	EXDEV	Improper link.

Table B-16. OS-9-Specific PowerPC Error Codes

Number	Name	Description
100:002	EOS_PPC_MACHCHK	Machine check exception.
100:003	EOS_PPC_DATAACC	Data access exception.
100:004	EOS_PPC_INSTACC	Instruction access exception.
100:005	EOS_PPC_EXTINT	External interrupt.
100:006	EOS_PPC_ALIGN	Alignment exception.
100:007	EOS_PPC_PROGRAM	Program exception.
100:008	EOS_PPC_FPUUNAV	FPU unavailable exception.
100:009	EOS_PPC_DEC	Decrementer exception.
100:010	EOS_PPC_IOCONT	I/O controller exception.
100:012	EOS_PPC_SYSCALL	System call exception.
100:032	EOS_PPC_TRACE	Trace exception.

Table B-17. OS-9-Specific MIPS Error Codes

Number	Name	Description
102:000	EOS_MIPS_EXTINT	External interrupt.
102:001	EOS_MIPS_MOD	TLB Modification exception.
102:002	EOS_MIPS_TLBL	TLB Miss exception (load or instruction fetch).
102:003	EOS_MIPS_TLBS	TLB Miss exception (store).
102:004	EOS_MIPS_ADEL	Address Error exception (load or instruction fetch).
102:005	EOS_MIPS_ADES	Address Error exception (store).
102:006	EOS_MIPS_IBE	Bus Error exception (instruction fetch).
102:007	EOS_MIPS_DBE	Bus Error exception (load or store).

Table B-17. OS-9-Specific MIPS Error Codes (Continued)

Number	Name	Description
102:008	EOS_MIPS_SYS	SYSCALL exception.
102:009	EOS_MIPS_BP	Breakpoint exception.
102:010	EOS_MIPS_RI	Reserved Instruction exception.
102:011	EOS_MIPS_CPU	CoProcessor Unusable exception.
102:012	EOS_MIPS_OVF	Arithmetic Overflow exception.
102:013	EOS_MIPS_TR	Trap exception.
102:023	EOS_MIPS_WATCH	Watch exception.
102:032	EOS_MIPS_UTLB	User State TLB Miss exception.

Table B-18. OS-9-Specific ARM Error Codes

Number	Name	Description
103:001	EOS_ARM_UNDEF	Undefined instruction exception.
103:003	EOS_ARM_PFABORT	Instruction pre-fetch abort exception.
103:004	EOS_ARM_DTABORT	Data abort exception.
103:008	EOS_ARM_ALIGN	Alignment exception.

Table B-19. OS-9-Specific SuperH Error Codes

Number	Name	Description
104:002	EOS_SH_TLBMISSLD	TLB miss on a load
104:003	EOS_SH_TLBMISSST	TLB miss on a store
104:004	EOS_SH_INITPG	Initial page write
104:005	EOS_SH_TLBPROTLD	TLB protection violation on a load
104:006	EOS_SH_TLBPROTST	TLB protection violation on a store
104:007	EOS_SH_ADDRLD	Address error on a load
104:008	EOS_SH_ADDRST	Address error on a store
104:009	EOS_SH_FPU	FPU exception
104:011	EOS_SH_TRAPA	TRAPA instruction
104:012	EOS_SH_RSRVINSTR	Reserved instruction
104:013	EOS_SH_ILLSLOT	Illegal slot instruction
104:015	EOS_SH_BRKPT	User break point
104:200	EOS_SH_FPUINEXACT	FPU inexact error
104:201	EOS_SH_FPUUNDERFLOW	FPU underflow error
104:202	EOS_SH_FPUOVERFLOW	FPU overflow error
104:203	EOS_SH_FPUDIVIDEO	FPU divide-by-zero error
104:204	EOS_SH_FPUINVALID	FPU invalid error