

OS9-Error Codes

```
/* System call error numbers.
 * May be found in 'errno' after an error has occurred.
 * Group allocation:
 * 000: OS-9/OS-9000 operating system errors
 * 001: C compiler errors
 * 006: RAVE errors
 * 007: IFF errors/Ethernet errors
 * 008: SPF errors
 * 009: ROM errors
 * 00A: MAUI error codes
 * 100: PowerPC(tm) processor specific error numbers <=====!!!!!!=====PDT
 * 101: CMx processor specific error numbers
 * 102: MIPS processor specific error numbers
 * 103: ARM processor specific error numbers
 * 104: SH3 processor specific error numbers
 * 106: x86 processor specific error numbers
 * 107: SPARC processor specific error numbers
 */

#if !defined( ERRNO_H)
#define _ERRNO_H

/*
 * NOTE: Error Numbers 0x0 through 0x1F in Group 0 (zero)
 * Are reserved by Microware.
 */

#if !defined(__STDC__) && !defined(__cplusplus)
#define E_SIGABRT 0x20 /* abort signal */
#define E_SIGFPE 0x21 /* erroneous math operation signal */
#define E_SIGILL 0x22 /* illegal function image signal */
#define E_SIGSEGV 0x23 /* segment violation (bus error) signal */
#define E_SIGTERM 0x24 /* termination request signal */
#define E_SIGALRM 0x25 /* alarm time elapsed signal */
#define E_SIGPIPE 0x26 /* write to pipe with no readers signal */
#define E_SIGUSR1 0x27 /* user signal #1 */
#define E_SIGUSR2 0x28 /* user signal #2 */

#if defined( MPF68K)
#define E_SIGADDR 0x29 /* address error signal */
#define E_SIGCHK 0x2a /* chk instruction signal */
#define E_SIGTRAPV 0x2b /* trapv instruction signal */
#define E_SIGPRIV 0x2c /* priveledge violation signal */
#define E_SIGTRACE 0x2d /* trace exception signal */
#define E_SIG1010 0x2e /* 1010 line-A exception signal */
#define E_SIG1111 0x2f /* 1111 line-F exception signal */

#if defined( OS9000)
#define E_SIGCOPRCV 0x30 /* coprocessor protocol violation signal*/
#define E_SIGFMTEERR 0x31 /* format error signal */
#define E_SIGUNIRQ 0x32 /* uninitialized interrupt signal */
#endif /* OS-9000/68020 */

#elif defined( MPF386)
#define E_SIGGPROT 0x29 /* general protection signal */
#define E_SIGSTACK 0x2a /* stack exception signal */
#define E_SIGSEGNP 0x2b /* segment not present signal */
#define E_SIGINVTSS 0x2c /* invalid TSS signal */
#define E_SIGDBLFLT 0x2d /* double fault signal */
#define E_SIGBNDCHK 0x2e /* boundry check signal */
#define E_SIGBRKPT 0x2f /* breakpoint signal */
#define E_SIGNMI 0x30 /* non-maskable interrupt signal */
#define E_SIGDBG 0x31 /* debug exception signal */

#elif defined( MPFPOWERPC)
#define E_SIGCHECK 0x29 /* machine check signal */
#define E_SIGALIGN 0x2a /* alignment violation signal */
#define E_SIGINST 0x2b /* instruction access signal */
#define E_SIGPRIV 0x2c /* privilege violation signal */

#elif defined( MPFARM)
#define E_SIGALIGN 0x29 /* alignment violation signal */

#elif defined( MPF3H3)
#define E_SIGALIGN 0x29 /* alignment violation signal */

#elif defined( MPFSPARC)
#define E_SIGALIGN 0x29 /* alignment violation signale */
#define E_SIGWINDOWOV 0x30 /* window overflow signal */
#define E_SIGWINDOWUF 0x31 /* window underflow signal */
#define E_SIGTAGOV 0x32 /* tagged add/sub overflow signal */
#endif
#endif
#endif
```

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#define E_SIGCPE      0x33    /* coprocessor exception signal */
#endif

#define E_ILLFNC     0x40    /* illegal function code */
#define E_FMTERR     0x41    /* format error */
#define E_NOTNUM     0x42    /* number not found/not a number */
#define E_ILLARG     0x43    /* illegal argument */

#if defined(_OS9000)
#define E_MEMINUSE   0x50    /* memory already in use */
#define E_UNKADDR    0x51    /* don't know how to translate this */
#endif /* _OS9000 */

#define E_BUSERR     0x66    /* bus error TRAP 2 occurred */
#define E_ADRERR     0x67    /* address error TRAP 3 occurred */
#define E_ILLINS     0x68    /* illegal instruction TRAP 4 occurred */
#define E_ZERDIV     0x69    /* zero divide TRAP 5 occurred */
#define E_CHK        0x6a    /* CHK instruction TRAP 6 occurred */
#define E_TRAPV     0x6b    /* TrapV instruction TRAP 7 occurred */
#define E_VIOLAT     0x6c    /* privilege violation TRAP 8 occurred */
#define E_TRACE      0x6d    /* Uninitialized Trace TRAP 9 occurred */
#define E_1010       0x6e    /* Uninitialized 1010 TRAP 10 occurred */
#define E_1111       0x6f    /* Uninitialized 1111 TRAP 11 occurred */
#define E_RESRVD     0x70    /* (Motorola reserved) */
#define E_CPROTO     0x71    /* Coprocessor protocol error */
#define E_STKFMT     0x72    /* Stack frame format error */
#define E_UNIRQ      0x73    /* Uninitialized interrupt */
#define E_TRAP       0x85    /* user traps 1-15 E TRAP+n */
#define E_FPUNORDC   0x94    /* FP unordered condition error */
#define E_FPINXACT   0x95    /* FP inexact result */
#define E_FPDIVZER   0x96    /* FP zero divisor */
#define E_FPUNDRFL   0x97    /* FP underflow */
#define E_FPOPRERR   0x98    /* FP operand error */
#define E_FPOVERFL   0x99    /* FP overflow */
#define E_FPNOTNUM   0x9a    /* FP not a number */
#define E_FPUNDATA   0x9b    /* FP Unsupported data type */
#define E_MMUCONF    0x9c    /* MMU configuration error */
#define E_MMUILLEG   0x9d    /* MMU illegal operation */
#define E_MMUACCES   0x9e    /* MMU access level violation */

#define E_PERMIT     0xa4    /* You must be super user to do that */
#define E_DIFFER     0xa5    /* Arguments to F$ChkNam are different */
#define E_STKOVF     0xa6    /* Stack overflow (ChkNam) */
#define E_EVTID      0xa7    /* Invalid or Illegal event ID number */
#define E_EVNF       0xa8    /* Event (name) not found */
#define E_EVBUSY     0xa9    /* The event is busy (can't be deleted) */
#define E_EVPARM     0xaa    /* Impossible Event parameters supplied */
#define E_DAMAGE     0xab    /* System data structures are damaged */
#define E_BADREV     0xac    /* Incompatible revision */
#define E_PTHLOST    0xad    /* Path Lost (net node was down) */
#define E_BADPART    0xae    /* Bad partition data or no active
/* partition */
#define E_HARDWARE   0xaf    /* Hardware is damaged */

#if defined(_OSK)
#define E_SECTSIZE   0xb0    /* Invalid sector size */
#define E_BSIG       0xb1    /* process recieved signal fatal signal or no intercept */
#endif /* _OSK */
#if defined(_OS9000)
#define E_NOTME      0xb0    /* not responsible for servicing exception */
#define E_BSIG       0xb1    /* process recieved signal fatal signal or no intercept */
#define E_BUF2SMALL  0xb2    /* buffer is too small */
#define E_ISUB       0xb3    /* illegal/used subroutine module number */
#define E_EVTFUL     0xb4    /* event descriptor table full */

#define E_SYMLINK    0xc4    /* symbolic link found in path list */
#define E_EOLIST     0xc5    /* end of alias list */
#define E_LOCKID     0xc6    /* illegal I/O lock identifier */
#define E_NOLOCK     0xc7    /* lock not obtained */
#endif /* _OS9000 */

#define E_PTHFUL     0xc8    /* Path Table full */
#define E_BPNUM      0xc9    /* Bad Path Number */
#define E_POLL       0xca    /* Polling Table Full */
#define E_BMODE      0xcb    /* Bad Mode */
#define E_DEVOVF     0xcc    /* Device Table Overflow */
#define E_BMID       0xcd    /* Bad Module ID */
#define E_DIRFUL     0xce    /* Module Directory Full */
#define E_MEMFUL     0xcf    /* Process Memory Full */
#define E_UNKSVC     0xd0    /* Unknown Service Code */
#define E_MODBSY     0xd1    /* Module Busy */
#define E_BPADDR     0xd2    /* Bad Page Address */
#define E_EOF        0xd3    /* End of File */
#define E_VCTBSY     0xd4    /* IRQ Vector is already used */
#define E_NES        0xd5    /* Non-Existing Segment */
#define E_FNA        0xd6    /* File Not Accesible */
#define E_BPNAM      0xd7    /* Bad Path Name */
#define E_PNNF       0xd8    /* Path Name Not Found
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#define E_SLF 0xd9 /* Segment List Full */
#define E_CEF 0xda /* Creating Existing File */
#define E_IBA 0xdb /* Illegal Block Address */
#define E_HANGUP 0xdc /* Phone hangup occurred (modem) */
#define E_MNF 0xdd /* Module Not Found */
#define E_NOCLK 0xde /* System has no clock running */
#define E_DELSP 0xdf /* Deleting Stack Pointer memory */
#define E_IPRCID 0xe0 /* Illegal Process ID */
#define E_PARAM 0xe1 /* Impossible polling parameter specified*/
#define E_NOCHLD 0xe2 /* No Children */
#define E_ITRAP 0xe3 /* Invalid or unavailable Trap code */
#define E_PRCABT 0xe4 /* Process Aborted */
#define E_PRCFUL 0xe5 /* Process Table Full */
#define E_IFORKP 0xe6 /* Illegal Fork Parameter */
#define E_KWNMOD 0xe7 /* Known Module */
#define E_BMCR 0xe8 /* Bad Module CRC */

#if defined(_OSK)
#define E_USIGP 0xe9 /* Unprocessed Signal Pending (obsolescent)*/
#endif /*_OSK */

#define E_SIGNAL 0xe9 /* Signal Error (replaces E_USIGP) */
#define E_NEMOD 0xea /* Not Executable Module */
#define E_BNAM 0xeb /* Bad Name */
#define E_BMHP 0xec /* bad module header parity */
#define E_NORAM 0xed /* No Ram Available */
#define E_DNE 0xee /* Directory not empty */
#define E_NOTASK 0xef /* No available Task number */
#define E_UNIT 0xf0 /* Illegal Unit (drive) */
#define E_SECT 0xf1 /* Bad SECTor number */
#define E_WP 0xf2 /* Write Protect */
#define E_CRC 0xf3 /* Bad Check Sum */
#define E_READ 0xf4 /* Read Error */
#define E_WRITE 0xf5 /* Write Error */
#define E_NOTRDY 0xf6 /* Device Not Ready */
#define E_SEEK 0xf7 /* Seek Error */
#define E_FULL 0xf8 /* Media Full */
#define E_BTYP 0xf9 /* Bad Type (incompatible) media */
#define E_DEVBSY 0xfa /* Device Busy */
#define E_DIDC 0xfb /* Disk ID Change */
#define E_LOCK 0xfc /* Record is busy (locked out) */
#define E_SHARE 0xfd /* Non-sharable file busy */
#define E_DEADLK 0xfe /* I/O Deadlock error */
#define E_FORMAT 0xff /* Device is format protected */

/* 0x600 through 0x6ff RAVE */
#if defined(_OSK)
#define E_GFM_BASE 0x600 /* GFM error code base */
#else
#define E_GFM_BASE 0x60000 /* GFM error code base */
#endif /*_OSK */
#define E_ILPRM (E_GFM_BASE+0) /* illegal parameter */
#define E_IDFULL (E_GFM_BASE+1) /* identifier table full */
#define E_BADSIZ (E_GFM_BASE+2) /* bad size error */
#define E_RGFULL (E_GFM_BASE+3) /* region definition full */
#define E_UNID (E_GFM_BASE+4) /* unallocated identifier number */
#define E_NULLRG (E_GFM_BASE+5) /* null region */
#define E_BADMOD (E_GFM_BASE+6) /* bad drawmap / pattern mode */
#define E_NOFONT (E_GFM_BASE+7) /* no active font */
#define E_NODM (E_GFM_BASE+8) /* no drawmap */
#define E_NOPLAY (E_GFM_BASE+9) /* no play/record is in progress */
#define E_ABORT (E_GFM_BASE+10) /* marks a play/record as aborted */
#define E_QFULL (E_GFM_BASE+11) /* audio queue is full */
#define E_BUSY (E_GFM_BASE+12) /* audio device is busy */

#if defined(_OSK)
#define E_GSL_BASE 0x664 /* GSL error code base */
#else
#define E_GSL_BASE 0x60064 /* GSL error code base */
#endif /*_OSK */
#define E_RES_BASE (E_GSL_BASE+0) /* errors for resource manager */
#define E_RES_NOSLOT (E_RES_BASE+0) /* No free slot in the table */
#define E_RES_BADSLOT (E_RES_BASE+1) /* The slot is bad */
#define E_RES_NOSHARE (E_RES_BASE+2) /* The resource is not sharable */
#define E_RES_NOTYPE (E_RES_BASE+3) /* The type is bad */
#define E_RES_NORES (E_RES_BASE+4) /* The ID of the resource is bad */

#define E_REQ_BASE (E_GSL_BASE+10) /* errors for request manager */
#define E_REQ_NOITEMS (E_REQ_BASE+0) /* request has no items */
#define E_REQ_BADITEM (E_REQ_BASE+1) /* item number out of range */
#define E_REQ_BADCOLS (E_REQ_BASE+2) /* request has bad num. columns */
#define E_REQ_BADPTR (E_REQ_BASE+3) /* bad pointer for item array */
#define E_REQ_NOCREATE (E_REQ_BASE+4) /* request hasn't been created */
#define E_REQ_TIMEOUT (E_REQ_BASE+5) /* request has timed out */
#define E_REQ_NOSEL (E_REQ_BASE+6) /* no selection has been made */
#define E_REQ_DEPID (E_REQ_BASE+7) /* bad definition id */
#define E_REQ_DEFACT (E_REQ_BASE+8) /* bad definition action code */
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#define E_REQ_STATE (E_REQ_BASE+9) /* illegal item state */
#define E_REQ_BADRECT (E_REQ_BASE+10) /* illegal request rectangle */

#define E_CNT_BASE (E_GSL_BASE+30) /* errors for control manager */
#define E_CNT_BHVID (E_CNT_BASE+0) /* bad standard behavior id */
#define E_CNT_DEFID (E_CNT_BASE+1) /* bad standard definition id */
#define E_CNT_DEFACT (E_CNT_BASE+2) /* bad action for definition function */
#define E_CNT_BHVACT (E_CNT_BASE+3) /* bad action for behavior function */
#define E_CNT_STATE (E_CNT_BASE+4) /* bad control state */
#define E_CNT_PART (E_CNT_BASE+5) /* bad control part code */
#define E_CNT_FLAGS (E_CNT_BASE+6) /* bad flags */
#define E_CNT_MINMAX (E_CNT_BASE+7) /* bad min, bad max or value out of range */
#define E_CNT_TYPE (E_CNT_BASE+8) /* bad type of control */

#define E_CLIP_BASE (E_GSL_BASE+40) /* errors for clipboard manager */
#define E_CLIP_DEV (E_CLIP_BASE+0) /* can't find clipboard default device from preferences */
#define E_CLIP_FULL (E_CLIP_BASE+1) /* clipboard is full (attempt to write too many different types in
clipboard) */
#define E_CLIP_TYPE (E_CLIP_BASE+2) /* type not currently represented in clipboard */
#define E_CLIP_ACC (E_CLIP_BASE+3) /* clipboard not opened for the requested access */
#define E_CLIP_CNT (E_CLIP_BASE+4) /* type offset greater than type count */
#define E_CLIP_OPEN (E_CLIP_BASE+5) /* clipboard not currently opened */
#define E_CLIP_INIT (E_CLIP_BASE+6) /* clipboard not initialized */
#define E_CLIP_CLOSE (E_CLIP_BASE+7) /* clipboard is not currently closed */
#define E_CLIP_RW (E_CLIP_BASE+8) /* can't rewrite - type not represented in clipboard */

#define E_HNDLR_BASE (E_GSL_BASE+50) /* errors for dispatch manager */
#define E_HNDLR_UNKNOWN (E_HNDLR_BASE+0)

#define E_ATBL_BASE (E_GSL_BASE+55) /* errors for association table routines */
#define E_ATBL_NOENTRY (E_ATBL_BASE+0) /* no entry found */

#define E_BOX_BASE (E_GSL_BASE+60) /* errors for ed_box function */
#define E_BOX_TABLE (E_BOX_BASE+0) /* line table overflow */
#define E_BOX_COUNT (E_BOX_BASE+1) /* text too long (max = 65535 characters) */
#define E_BOX_TYPE (E_BOX_BASE+2) /* bad type or type not implemented */
#define E_BOX_MAXL (E_BOX_BASE+3) /* attempt to draw too long line (max is 1024 chars) */
#define E_BOX_NOTAB (E_BOX_BASE+4) /* need a line table (if the BOX_F_USETAB flag is set in the "type"
parameter) */
#define E_BOX_NOFONT (E_BOX_BASE+5) /* font not set in the drawmap */
#define E_BOX_RECT (E_BOX_BASE+6) /* bad rectangle */

#define E_INIT_BASE (E_GSL_BASE+80) /* errors for init function */
#define E_INIT_VARERR (E_INIT_BASE+0)

#define E_INTER_BASE (E_GSL_BASE+85)
#define E_INTER_NOMOD (E_INTER_BASE+0) /* no preference module */
#define E_INTER_ILLARG (E_INTER_BASE+1) /* illegal argument */

#define E_OVL_BASE (E_GSL_BASE+90) /* overlay window errors */
#define E_OVL_BADRECT (E_OVL_BASE+0) /* bad rectangle for overlay */
#define E_OVL_NOTTOP (E_OVL_BASE+1) /* not top of overlay stack */
#define E_OVL_UNKNOWN (E_OVL_BASE+2) /* unknown overlay */

#define E_IND_BASE (E_GSL_BASE+100) /* indicator manager errors */
#define E_IND_DEFID (E_IND_BASE+0) /* bad definition id */
#define E_IND_DEFACT (E_IND_BASE+1) /* bad action for def. function */
#define E_IND_MINMAX (E_IND_BASE+2) /* bad min, max or value out of range */
#define E_IND_BADCORDS (E_IND_BASE+3) /* bad coordinates for indicator */
#define E_IND_NOCREATE (E_IND_BASE+4) /* attempt op. on non-created ind. */
#define E_IND_BADFLAGS (E_IND_BASE+5) /* bad flag combination */
#define E_IND_BADPTR (E_IND_BASE+6) /* bad pointer in structure */
#define E_IND_BADDISP (E_IND_BASE+7) /* bad displacement */

#if !defined(E_IFF_BASE)
#if defined(_OSK)
/* 0x700 through 0x7ff IFF */
#define E_IFF_BASE ((7<<8)+000) /* base error code for IFF */
#elif defined(_OS9000)
/* 0x70000 through 0x700ff IFF */
#define E_IFF_BASE ((7<<16)+000) /* base error code for IFF */
#endif /* _OS9000 */
#define E_IFF_RDONLY (E_IFF_BASE+1) /* this path is read-only */
#define E_IFF_WRONLY (E_IFF_BASE+2) /* this path is write-only */
#define E_IFF_ACTFORM (E_IFF_BASE+3) /* there is no FORM active */
#define E_IFF_READER (E_IFF_BASE+4) /* wrong reader for this type of FORM */
#define E_IFF_NOTIFF (E_IFF_BASE+5) /* not an IFF file */
#define E_IFF_BADPARM (E_IFF_BASE+6) /* bad parameters */
#define E_IFF_BADCAT (E_IFF_BASE+7) /* bad CAT id (for iff_open) */
#define E_IFF_SIZE_UNKNOWN (E_IFF_BASE+8) /* cannot skip, size is unknown */
#define E_IFF_NOT_DATA (E_IFF_BASE+9) /* not to the data yet */
#define E_IFF_PIPE_SEEK (E_IFF_BASE+10) /* attempt to seek back in a pipe */
#define E_IFF_BADCHUNKSIZE (E_IFF_BASE+11) /* fixed size chunk was not the
correct size. Could indicate
wrong version of reader */
#define E_IFF_FPNOTNUM (E_IFF_BASE+12) /* can't make float conversion */
#endif /* E_IFF_BASE */
```

```
#endif /* __STDC__ */

#define EOS_SIGABRT 0x20 /* abort signal */
#define EOS_SIGFPE 0x21 /* erroneous math operation signal */
#define EOS_SIGILL 0x22 /* illegal function image signal */
#define EOS_SIGSEGV 0x23 /* segment violation (bus error) signal */
#define EOS_SIGTERM 0x24 /* termination request signal */
#define EOS_SIGALRM 0x25 /* alarm time elapsed signal */
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#define EOS_ILLFNC 0x40 /* illegal function code */
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#define EOS_BUSERR 0x66 /* bus error TRAP 2 occurred */
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#define EOS_FPUNDRFL 0x97 /* FP underflow */
#define EOS_FPOPRERR 0x98 /* FP operand error */
#define EOS_FPOVERFL 0x99 /* FP overflow */
#define EOS_FPNOTNUM 0x9a /* FP not a number */
#define EOS_FPUNDATA 0x9b /* FP Unsupported data type */
#define EOS_MMUCONF 0x9c /* MMU configuration error */
#define EOS_MMUILLEG 0x9d /* MMU illegal operation */
#define EOS_MMUACCES 0x9e /* MMU access level violation */
#define EOS_UEA 0xa0 /* unimplemented effective address (68060) */
#define EOS_UII 0xa1 /* unimplemented integer instruction (68060) */

#define EOS_PERMIT 0xa4 /* You must be super user to do that */
#define EOS_DIFFER 0xa5 /* Arguments to F$ChkNam are different */
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#define EOS_STKOVF 0xa6 /* Stack overflow (ChkNam) */
#define EOS_EVNTID 0xa7 /* Invalid or Illegal event ID number */
#define EOS_EVNF 0xa8 /* Event (name) not found */
#define EOS_EVBUSY 0xa9 /* The event is busy (can't be deleted) */
#define EOS_EVPARM 0xaa /* Impossible Event parameters supplied */
#define EOS_DAMAGE 0xab /* System data structures are damaged */
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#define EOS_BADPART 0xae /* Bad partition data or no active partition */
#define EOS_HARDWARE 0xaf /* Hardware is damaged */

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#elif defined( OS9000)
#define EOS_NOTME 0xb0 /* not responsible for servicing exception */
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#define EOS_MEMFUL 0xcf /* Process Memory Full */
#define EOS_UNKSVC 0xd0 /* Unknown Service Code */
#define EOS_MODBSY 0xd1 /* Module Busy */
#define EOS_BPADDR 0xd2 /* Bad Page Address */
#define EOS_EOF 0xd3 /* End of File */
#define EOS_VCTBSY 0xd4 /* IRQ Vector is already used */
#define EOS_NES 0xd5 /* Non-Existing Segment */
#define EOS_FNA 0xd6 /* File Not Accessible */
#define EOS_BPNAM 0xd7 /* Bad Path Name */
#define EOS_PNNF 0xd8 /* Path Name Not Found */
#define EOS_SLF 0xd9 /* Segment List Full */
#define EOS_CEF 0xda /* Creating Existing File */
#define EOS_IBA 0xdb /* Illegal Block Address */
#define EOS_HANGUP 0xdc /* Phone hangup occurred (modem) */
#define EOS_MNF 0xdd /* Module Not Found */
#define EOS_NOCLK 0xde /* System has no clock running */
#define EOS_DELSP 0xdf /* Deleting Stack Pointer memory */
#define EOS_IPRCID 0xe0 /* Illegal Process ID */
#define EOS_PARAM 0xe1 /* Impossible polling parameter specified*/
#define EOS_NOCHLD 0xe2 /* No Children */
#define EOS_ITRAP 0xe3 /* Invalid or unavailable Trap code */
#define EOS_PRCABT 0xe4 /* Process Aborted */
#define EOS_PRCFUL 0xe5 /* Process Table Full */
#define EOS_IFORKP 0xe6 /* Illegal Fork Parameter */
#define EOS_KWNMOD 0xe7 /* Known Module */
#define EOS_BMCRC 0xe8 /* Bad Module CRC

#if defined( OSK)
#define EOS_USIGP 0xe9 /* Unprocessed Signal Pending (obsolescent)*/
#endif /* OSK */

#define EOS_SIGNAL 0xe9 /* Signal Error (replaces EOS_USIGP) */
#define EOS_NEMOD 0xea /* Not Executable Module */
#define EOS_BNAM 0xeb /* Bad Name */
#define EOS_BMHP 0xec /* bad module header parity */
#define EOS_NORAM 0xed /* No Ram Available */
#define EOS_DNE 0xee /* Directory not empty */
#define EOS_NOTASK 0xef /* No available Task number */
#define EOS_UNIT 0xf0 /* Illegal Unit (drive) */
#define EOS_SECT 0xf1 /* Bad SECTor number */
#define EOS_WP 0xf2 /* Write Protect */
#define EOS_CRC 0xf3 /* Bad Check Sum */
#define EOS_READ 0xf4 /* Read Error */
#define EOS_WRITE 0xf5 /* Write Error */
#define EOS_NOTRDY 0xf6 /* Device Not Ready */
#define EOS_SEEK 0xf7 /* Seek Error */
#define EOS_FULL 0xf8 /* Media Full */
#define EOS_BTYP 0xf9 /* Bad Type (incompatible) media */
#define EOS_DEVBSY 0xfa /* Device Busy */
#define EOS_DIDC 0xfb /* Disk ID Change */
#define EOS_LOCK 0xfc /* Record is busy (locked out) */
#define EOS_SHARE 0xfd /* Non-sharable file busy */
```

```
#define EOS_DEADLK 0xfe /* I/O Deadlock error */
#define EOS_FORMAT 0xff /* Device is format protected */

#if defined( OSK)
/* 0x100 is for C compiler */
#define ERANGE 0x100 /* ANSI C number out of range error */
#define EDOM 0x101 /* ANSI C number not in domain */
#endif /* _OSK */

#if defined( OS9000)
#define ERANGE 0x10000 /* ANSI C number out of range error */
#define EDOM 0x10001 /* ANSI C number not in domain */
#endif /* _OS9000 */

/* 0x600 through 0x6ff RAVE */
#if defined( OSK)
#define EOS_GFM_BASE 0x600 /* GFM error code base */
#elif defined( OS9000)
#define EOS_GFM_BASE 0x60000 /* GFM error code base */
#endif /* _OS9000 */
#define EOS_ILLPRM (EOS_GFM_BASE+0) /* illegal parameter */
#define EOS_IDFULL (EOS_GFM_BASE+1) /* identifier table full */
#define EOS_BADSIZ (EOS_GFM_BASE+2) /* bad size error */
#define EOS_RGFULL (EOS_GFM_BASE+3) /* region definition full */
#define EOS_UNID (EOS_GFM_BASE+4) /* unallocated identifier number */
#define EOS_NULLRG (EOS_GFM_BASE+5) /* null region */
#define EOS_BADMOD (EOS_GFM_BASE+6) /* bad drawmap / pattern mode */
#define EOS_NOFONT (EOS_GFM_BASE+7) /* no active font */
#define EOS_NODM (EOS_GFM_BASE+8) /* no drawmap */
#define EOS_NOPLAY (EOS_GFM_BASE+9) /* no play/record is in progress */
#define EOS_ABORT (EOS_GFM_BASE+10) /* marks a play/record as aborted */
#define EOS_QFULL (EOS_GFM_BASE+11) /* audio queue is full */
#define EOS_BUSY (EOS_GFM_BASE+12) /* audio device is busy */

#if defined( OSK)
#define EOS_GSL_BASE 0x664 /* GSL error code base */
#elif defined( OS9000)
#define EOS_GSL_BASE 0x60064 /* GSL error code base */
#endif /* _OS9000 */
#define EOS_RES_BASE (EOS_GSL_BASE+0) /* errors for resource manager */
#define EOS_RES_NOSLOT (EOS_RES_BASE+0) /* No free slot in the table */
#define EOS_RES_BADSLOT (EOS_RES_BASE+1) /* The slot is bad */
#define EOS_RES_NOSHARE (EOS_RES_BASE+2) /* The resource is not sharable */
#define EOS_RES_NOTYPE (EOS_RES_BASE+3) /* The type is bad */
#define EOS_RES_NORES (EOS_RES_BASE+4) /* The ID of the resource is bad */

#define EOS_REQ_BASE (EOS_GSL_BASE+10) /* errors for request manager */
#define EOS_REQ_NOITEMS (EOS_REQ_BASE+0) /* request has no items */
#define EOS_REQ_BADITEM (EOS_REQ_BASE+1) /* item number out of range */
#define EOS_REQ_BADCOLS (EOS_REQ_BASE+2) /* request has bad num. columns */
#define EOS_REQ_BADPTR (EOS_REQ_BASE+3) /* bad pointer for item array */
#define EOS_REQ_NOCREATE (EOS_REQ_BASE+4) /* request hasn't been created */
#define EOS_REQ_TIMEOUT (EOS_REQ_BASE+5) /* request has timed out */
#define EOS_REQ_NOSEL (EOS_REQ_BASE+6) /* no selection has been made */
#define EOS_REQ_DEFID (EOS_REQ_BASE+7) /* bad definition id */
#define EOS_REQ_DEFACT (EOS_REQ_BASE+8) /* bad definition action code */
#define EOS_REQ_STATE (EOS_REQ_BASE+9) /* illegal item state */
#define EOS_REQ_BADRECT (EOS_REQ_BASE+10) /* illegal request rectangle */

#define EOS_CNT_BASE (EOS_GSL_BASE+30) /* errors for control manager */
#define EOS_CNT_BHVID (EOS_CNT_BASE+0) /* bad standard behavior id */
#define EOS_CNT_DEFID (EOS_CNT_BASE+1) /* bad standard definition id */
#define EOS_CNT_DEFACT (EOS_CNT_BASE+2) /* bad action for definition function */
#define EOS_CNT_BHVACT (EOS_CNT_BASE+3) /* bad action for behavior function */
#define EOS_CNT_STATE (EOS_CNT_BASE+4) /* bad control state */
#define EOS_CNT_PART (EOS_CNT_BASE+5) /* bad control part code */
#define EOS_CNT_FLAGS (EOS_CNT_BASE+6) /* bad flags */
#define EOS_CNT_MINMAX (EOS_CNT_BASE+7) /* bad min, bad max or value out of range */
#define EOS_CNT_TYPE (EOS_CNT_BASE+8) /* bad type of control */

#define EOS_CLIP_BASE (EOS_GSL_BASE+40) /* errors for clipboard manager */
#define EOS_CLIP_DEV (EOS_CLIP_BASE+0) /* can't find clipboard default device from preferences */
#define EOS_CLIP_FULL (EOS_CLIP_BASE+1) /* clipboard is full (attempt to write too many different types in clipboard) */
#define EOS_CLIP_TYPE (EOS_CLIP_BASE+2) /* type not currently represented in clipboard */
#define EOS_CLIP_ACC (EOS_CLIP_BASE+3) /* clipboard not opened for the requested access */
#define EOS_CLIP_CNT (EOS_CLIP_BASE+4) /* type offset greater than type count */
#define EOS_CLIP_OPEN (EOS_CLIP_BASE+5) /* clipboard not currently opened */
#define EOS_CLIP_INIT (EOS_CLIP_BASE+6) /* clipboard not initialized */
#define EOS_CLIP_CLOSE (EOS_CLIP_BASE+7) /* clipboard is not currently closed */
#define EOS_CLIP_RW (EOS_CLIP_BASE+8) /* can't rewrite - type not represented in clipboard */

#define EOS_HNDLR_BASE (EOS_GSL_BASE+50) /* errors for dispatch manager */
#define EOS_HNDLR_UNKNOWN (EOS_HNDLR_BASE+0)

#define EOS_ATBL_BASE (EOS_GSL_BASE+55) /* errors for association table routines */
#define EOS_ATBL_NOENTRY (EOS_ATBL_BASE+0) /* no entry found */
```

```
#define EOS_BOX_BASE (EOS_GSL_BASE+60) /* errors for ed_box function */
#define EOS_BOX_TABLE (EOS_BOX_BASE+0) /* line table overflow */
#define EOS_BOX_COUNT (EOS_BOX_BASE+1) /* text too long (max = 65535 characters) */
#define EOS_BOX_TYPE (EOS_BOX_BASE+2) /* bad type or type not implemented */
#define EOS_BOX_MAXL (EOS_BOX_BASE+3) /* attempt to draw too long line (max is 1024 chars) */
#define EOS_BOX_NOTAB "type" /* need a line table (if the BOX_F_USETAB flag is set in the parameter) */
#define EOS_BOX_NOFONT (EOS_BOX_BASE+5) /* font not set in the drawmap */
#define EOS_BOX_RECT (EOS_BOX_BASE+6) /* bad rectangle */

#define EOS_INIT_BASE (EOS_GSL_BASE+80) /* errors for init function */
#define EOS_INIT_VARERR (EOS_INIT_BASE+0)

#define EOS_INTER_BASE (EOS_GSL_BASE+85)
#define EOS_INTER_NOMOD (EOS_INTER_BASE+0) /* no preference module */
#define EOS_INTER_ILLARG (EOS_INTER_BASE+1) /* illegal argument */

#define EOS_OVL_BASE (EOS_GSL_BASE+90) /* overlay window errors */
#define EOS_OVL_BADRECT (EOS_OVL_BASE+0) /* bad rectangle for overlay */
#define EOS_OVL_NOTTOP (EOS_OVL_BASE+1) /* not top of overlay stack */
#define EOS_OVL_UNKNOWN (EOS_OVL_BASE+2) /* unknown overlay */

#define EOS_IND_BASE (EOS_GSL_BASE+100) /* indicator manager errors */
#define EOS_IND_DEFID (EOS_IND_BASE+0) /* bad definition id */
#define EOS_IND_DEFACT (EOS_IND_BASE+1) /* bad action for def. function */
#define EOS_IND_MINMAX (EOS_IND_BASE+2) /* bad min, max or value out of range */
#define EOS_IND_BADCORDS (EOS_IND_BASE+3) /* bad coordinates for indicator */
#define EOS_IND_NOCREATE (EOS_IND_BASE+4) /* attempt op. on non-created ind. */
#define EOS_IND_BADFLAGS (EOS_IND_BASE+5) /* bad flag combination */
#define EOS_IND_BADPTR (EOS_IND_BASE+6) /* bad pointer in structure */
#define EOS_IND_BADDISP (EOS_IND_BASE+7) /* bad displacement */

#if !defined(EOS_IFF_BASE)
#if defined(_OSK)
/* 0x700 through 0x7ff IFF */
#define EOS_IFF_BASE ((7<<8)+000) /* base error code for IFF */
#elseif defined(_OS9000)
/* 0x70000 through 0x700ff IFF */
#define EOS_IFF_BASE ((7<<16)+000) /* base error code for IFF */
#endif /* _OS9000 */
#define EOS_IFF_RDONLY (EOS_IFF_BASE+1) /* this path is read-only */
#define EOS_IFF_WRONLY (EOS_IFF_BASE+2) /* this path is write-only */
#define EOS_IFF_ACTFORM (EOS_IFF_BASE+3) /* there is no FORM active */
#define EOS_IFF_READER (EOS_IFF_BASE+4) /* wrong reader for this type of FORM */
#define EOS_IFF_NOTIFF (EOS_IFF_BASE+5) /* not an IFF file */
#define EOS_IFF_BADPARAM (EOS_IFF_BASE+6) /* bad parameters */
#define EOS_IFF_BADCAT (EOS_IFF_BASE+7) /* bad CAT id (for iff_open) */
#define EOS_IFF_SIZEOS_UNKNOWN (EOS_IFF_BASE+8) /* cannot skip, size is unknown */
#define EOS_IFF_NOT_DATA (EOS_IFF_BASE+9) /* not to the data yet */
#define EOS_IFF_PIPEOS_SEEK (EOS_IFF_BASE+10) /* attempt to seek back in a pipe */
#define EOS_IFF_BADCHUNKSIZE (EOS_IFF_BASE+11) /* fixed size chunk was not the correct size. Could indicate wrong version of reader */

#define EOS_IFF_FPNOTNUM (EOS_IFF_BASE+12) /* can't make float conversion */
#endif /* _OSK */

#if defined(_OSK)
/* 0x700 is for Ethernet */
#define EOS_ENETBASE 0x700
#elseif defined(_OS9000)
/* 0x70000 is for Ethernet */
#define EOS_ENETBASE 0x70000
#endif /* _OS9000 */
#define EOS_EWOULDBLOCK EOS_ENETBASE+0x01 /* I/O operation would block */
#define EOS_EINPROGRESS EOS_ENETBASE+0x02 /* I/O operation now in progress */
#define EOS_EALREADY EOS_ENETBASE+0x03 /* operation already in progress */
#define EOS_EDESTADDRREQ EOS_ENETBASE+0x04 /* destination address required */
#define EOS EMSGSIZE EOS_ENETBASE+0x05 /* message too long */
#define EOS_EPROTOTYPE EOS_ENETBASE+0x06 /* protocol wrong type for socket */
#define EOS_ENOPROTOPT EOS_ENETBASE+0x07 /* bad protocol option */
#define EOS_EPROTONOSUPPORT EOS_ENETBASE+0x08 /* protocol not supported */
#define EOS_ESOCKNOSUPPORT EOS_ENETBASE+0x09 /* socket type not supported */
#define EOS_EOPNOTSUPP EOS_ENETBASE+0x0a /* operation not supported on socket */
#define EOS_EPFNOSUPPORT EOS_ENETBASE+0x0b /* protocol family not supported */
#define EOS_EAFNOSUPPORT EOS_ENETBASE+0x0c /* address family not supported by protocol */
#define EOS_EADDRINUSE EOS_ENETBASE+0x0d /* address already in use */
#define EOS_EADDRNOTAVAIL EOS_ENETBASE+0x0e /* can't assign requested address */
#define EOS_ENETDOWN EOS_ENETBASE+0x0f /* network is down */
#define EOS_ENETUNREACH EOS_ENETBASE+0x10 /* network is unreachable */
#define EOS_ENETRESET EOS_ENETBASE+0x11 /* network dropped connection on reset */
#define EOS_ECONNABORTED EOS_ENETBASE+0x12 /* software caused connection abort */
#define EOS_ECONNRESET EOS_ENETBASE+0x13 /* connection reset by peer */
#define EOS_ENOBUFS EOS_ENETBASE+0x14 /* no buffer space available */
#define EOS_EISCONN EOS_ENETBASE+0x15 /* socket is already connected */
#define EOS_ENOTCONN EOS_ENETBASE+0x16 /* socket is not connected */
#define EOS_ESHUTDOWN EOS_ENETBASE+0x17 /* can't send after socket shutdown */
```



```
#define ETOOMANYREFS      EOS_ENETBASE+0x18 /* too many references */
#define ETIMEDOUT        EOS_ENETBASE+0x19 /* connection timed out */
#define ECONNREFUSED     EOS_ENETBASE+0x1a /* connection refused by target */
#define EBUFTOOSMALL    EOS_ENETBASE+0x1b /* mbuf too small for mbuf operation */
#define ESMODEXISTS     EOS_ENETBASE+0x1c /* socket module already attached */
#define ENOTSOCK        EOS_ENETBASE+0x1d /* path is not a socket */
#define EHOSTUNREACH    EOS_ENETBASE+0x1e /* No route to host */
#define EHOSTDOWN       EOS_ENETBASE+0x1f /* host is down */

/* 008:000 reserved for Wide Area Networking */
#if defined(_OS9000)

#define EOS_SPPBASE      0x80000 /* SPF error code base */
#define EOS_WANBASE     EOS_SPPBASE /* For backwards compatability */
#endif /* _OS9000 */

#if defined(_OSK)
#define EOS_SPPBASE      0x800 /* SPF error code base */
#define EOS_WANBASE     EOS_SPPBASE /* For backwards compatability */
#endif /* _OSK */

#define EOS_LNKDOWN      (EOS_SPPBASE+1) /* Layer 1 link down [Driver] */
#define EOS_CONN        (EOS_SPPBASE+2) /* Connection error [Driver] */
#define EOS_RXTHREAD    (EOS_SPPBASE+3) /* Error in receive thread */
#define EOS_ME          (EOS_SPPBASE+4) /* Management entity error */
#define EOS_SAPI        (EOS_SPPBASE+5) /* Unrecognized SAPI */
#define EOS_TEI         (EOS_SPPBASE+6) /* TEI not found */
#define EOS_MAX_TEI     (EOS_SPPBASE+7) /* Maximum # of TEI */
#define EOS_TSTATE      (EOS_SPPBASE+8) /* Illegal TEI state */
#define EOS_TEI_DENIED  (EOS_SPPBASE+9) /* TEI request denied by network*/
#define EOS_PRIMITIVE   (EOS_SPPBASE+10) /* Unrecognized primitive */
#define EOS_L2IN        (EOS_SPPBASE+11) /* Layer 2 error */
#define EOS_PEER_BUSY   (EOS_SPPBASE+12) /* Peer receiver busy condition */
#define EOS_K           (EOS_SPPBASE+13) /* Max # outstanding I frames */
#define EOS_MAXCREF     (EOS_SPPBASE+14) /* Max # of call references */
#define EOS_CREF        (EOS_SPPBASE+15) /* Call reference doesn't exist */
#define EOS_CALLPROG    (EOS_SPPBASE+16) /* Error on call progress state */
#define EOS_RCVR        (EOS_SPPBASE+17) /* Receiver previously assigned */
#define EOS_REQDENIED   (EOS_SPPBASE+18) /* Request denied by far end */
#define EOS_RXSTART     (EOS_SPPBASE+19) /* Receive thread didn't start */
#define EOS_NOSTACK     (EOS_SPPBASE+20) /* Last driver on path's stack */
#define EOS_BTMSK       (EOS_SPPBASE+21) /* Attempt to pop last driver */
#define EOS_NPBNULL     (EOS_SPPBASE+22) /* Notify param block is NULL */
#define EOS_PPS_NOTFND  (EOS_SPPBASE+23) /* Per path storage not found */
#define EOS_STKFULL     (EOS_SPPBASE+24) /* Path's stack array is full */
#define EOS_MBNOTINST   (EOS_SPPBASE+25) /* Sysmbuf not installed */
#define EOS_TMRNTFND    (EOS_SPPBASE+26) /* Timer not found */
#define EOS_GETTIME     (EOS_SPPBASE+27) /* Get time error? */
#define EOS_TIMERINT    (EOS_SPPBASE+28) /* Timer interrupt? */
#define EOS_RXMB_NODEVENTRY (EOS_SPPBASE+29) /* No device entry in mbuf */
#define EOS_PGM_TBLBSY  (EOS_SPPBASE+30) /* PSI/SI Table is in use */
#define EOS_PGM_TBLOVF  (EOS_SPPBASE+31) /* Too many tables being read */
#define EOS_PGM_TBLNFND (EOS_SPPBASE+32) /* Table not found */
#define EOS_PGM_NFND    (EOS_SPPBASE+33) /* Program not found */
#define EOS_PGM_NOPLAY  (EOS_SPPBASE+34) /* No pgm currently playing */
#define EOS_NODNDRVR    (EOS_SPPBASE+35) /* No down driver */

#define EOS_RXMB_ERR    (EOS_SPPBASE+40) /* Receive data error base */

#define EOS_WANAPI_BASE (EOS_SPPBASE+192) /* Error base for WAN API's */

#define EOS_GENDRVR_BASE (EOS_SPPBASE+224) /* Custom 3rd party drvr codes */

#define EOS_IEEE1394_BASE (EOS_SPPBASE+256) /* IEEE 1394 error codes */

/* ----- MAUI Specific Section -----*/
#if defined(_OSK)
/* 0xa00 is for MAUI */
#define EOS_MAUI_BASE 0xa00
#elif defined(_OS9000)
/* 0xa0000 is for MAUI */
#define EOS_MAUI_BASE 0xa0000
#endif /* _OS9000 */

#define EOS_MAUI_BADACK      (EOS_MAUI_BASE+1) /* Bad acknowledgement */
#define EOS_MAUI_BADCODEMETH (EOS_MAUI_BASE+2) /* Bad coding method */
#define EOS_MAUI_BADCOLORTYPE (EOS_MAUI_BASE+3) /* Bad color type */
#define EOS_MAUI_BADCOMPATLEVEL (EOS_MAUI_BASE+4) /* Bad compatibility level */
#define EOS_MAUI_BADDEFCHAR   (EOS_MAUI_BASE+5) /* Bad default character */
#define EOS_MAUI_BADDIMEN     (EOS_MAUI_BASE+6) /* Bad dimension */
#define EOS_MAUI_BADFRAME     (EOS_MAUI_BASE+7) /* Bad frame */
#define EOS_MAUI_BADID        (EOS_MAUI_BASE+8) /* Bad ID */
#define EOS_MAUI_BADLINESIZE  (EOS_MAUI_BASE+9) /* Bad line size */
#define EOS_MAUI_BADMBC       (EOS_MAUI_BASE+10) /* Bad multi-byte char */
#define EOS_MAUI_BADPOS       (EOS_MAUI_BASE+11) /* Bad position */
#define EOS_MAUI_BADPTR       (EOS_MAUI_BASE+12) /* Bad pointer */
```

```
#define EOS_MAUI_BADRANGE (EOS_MAUI_BASE+13) /* Bad range */
#define EOS_MAUI_BADSHADE (EOS_MAUI_BASE+14) /* Bad shade */
#define EOS_MAUI_BADSIZE (EOS_MAUI_BASE+15) /* Bad size */
#define EOS_MAUI_BADVALUE (EOS_MAUI_BASE+16) /* Bad value */
#define EOS_MAUI_BUSY (EOS_MAUI_BASE+17) /* Busy - try later */
#define EOS_MAUI_CANTDISPLAY (EOS_MAUI_BASE+18) /* Can't display pixmem */
#define EOS_MAUI_DAMAGE (EOS_MAUI_BASE+19) /* Data structures damaged */
#define EOS_MAUI_DEFINED (EOS_MAUI_BASE+20) /* Already defined */
#define EOS_MAUI_DMAPTOSMALL (EOS_MAUI_BASE+21) /* Drawmap is too small */
#define EOS_MAUI_INCOMPATCM (EOS_MAUI_BASE+22) /* Incompatible coding method */
#define EOS_MAUI_INTERNAL (EOS_MAUI_BASE+23) /* Internal error */
#define EOS_MAUI_INUSE (EOS_MAUI_BASE+24) /* Still in use */
#define EOS_MAUI_ISINIT (EOS_MAUI_BASE+25) /* Is initialized */
#define EOS_MAUI_ISRESERVED (EOS_MAUI_BASE+26) /* Is reserved */
#define EOS_MAUI_MASKED (EOS_MAUI_BASE+27) /* Message type is masked */
#define EOS_MAUI_MBOXFULL (EOS_MAUI_BASE+28) /* Mailbox is full */
#define EOS_MAUI_MISSINGFEP (EOS_MAUI_BASE+29) /* Missing FEP in driver */
#define EOS_MAUI_NOCALLBACK (EOS_MAUI_BASE+30) /* No callback function */
#define EOS_MAUI_NODMAP (EOS_MAUI_BASE+31) /* No drawmap */
#define EOS_MAUI_NODSTMAP (EOS_MAUI_BASE+32) /* No destination drawmap */
#define EOS_MAUI_NOEXPTABLE (EOS_MAUI_BASE+33) /* No expansion table */
#define EOS_MAUI_NOFONT (EOS_MAUI_BASE+34) /* No font */
#define EOS_MAUI_NOHWSUPPORT (EOS_MAUI_BASE+35) /* No hardware support */
#define EOS_MAUI_NOINIT (EOS_MAUI_BASE+36) /* Not initialized */
#define EOS_MAUI_NOMASKDMAP (EOS_MAUI_BASE+37) /* No mask drawmap */
#define EOS_MAUI_NOMAUIP (EOS_MAUI_BASE+38) /* No MAUI process */
#define EOS_MAUI_NOPIXMEM (EOS_MAUI_BASE+39) /* No pixel memory */
#define EOS_MAUI_NOPMOD (EOS_MAUI_BASE+40) /* No protocol module */
#define EOS_MAUI_NOSPRITE (EOS_MAUI_BASE+41) /* No sprite */
#define EOS_MAUI_NOSRCDMAP (EOS_MAUI_BASE+42) /* No source drawmap */
#define EOS_MAUI_NOTALIGNED (EOS_MAUI_BASE+43) /* Not aligned */
#define EOS_MAUI_NOTFOUND (EOS_MAUI_BASE+44) /* Not found */
#define EOS_MAUI_NOTIMPLEMENTED (EOS_MAUI_BASE+45) /* Feature not implemented */
#define EOS_MAUI_NOTPENDING (EOS_MAUI_BASE+46) /* Not pending */
#define EOS_MAUI_NOTRESERVED (EOS_MAUI_BASE+47) /* Is not reserved */
#define EOS_MAUI_SIGNAL (EOS_MAUI_BASE+48) /* Wait aborted by signal */
#define EOS_MAUI_TOOCOMPLEX (EOS_MAUI_BASE+49) /* Too complex */
#define EOS_MAUI_TOOLONG (EOS_MAUI_BASE+50) /* Too long */
#define EOS_MAUI_CANTRESIZE (EOS_MAUI_BASE+51) /* Cannot resize */
#define EOS_MAUI_NOPALETTE (EOS_MAUI_BASE+52) /* No palette specified */
#define EOS_MAUI_BADNUMCHAN (EOS_MAUI_BASE+53) /* Bad number of channels */
#define EOS_MAUI_NOTBUSY (EOS_MAUI_BASE+54) /* Not busy */
#define EOS_MAUI_NOTPAUSED (EOS_MAUI_BASE+55) /* Not paused */
#define EOS_MAUI_ABORT (EOS_MAUI_BASE+56) /* Aborted */
#define EOS_MAUI_TOOOLD (EOS_MAUI_BASE+57) /* Too old */
#define EOS_MAUI_INCOMPATVER (EOS_MAUI_BASE+58) /* Incompatible versions */
#define EOS_MAUI_NOTALLOWED (EOS_MAUI_BASE+59) /* Operation not allowed */
#define EOS_MAUI_NOTOWNER (EOS_MAUI_BASE+60) /* Not the owner */
#define EOS_MAUI_DISABLED (EOS_MAUI_BASE+61) /* Feature disabled */
#define EOS_MAUI_NOTRAP (EOS_MAUI_BASE+62) /* MAUI trap not found */
#define EOS_MAUI_DEVNOTFOUND (EOS_MAUI_BASE+63) /* Device not found */
#define EOS_MAUI_CMAPPFULL (EOS_MAUI_BASE+64) /* Colormap full */
#define EOS_MAUI_PAUSED (EOS_MAUI_BASE+65) /* Paused */
#define EOS_MAUI_BADRATE (EOS_MAUI_BASE+66) /* Bad rate */
#define EOS_MAUI_NODVSSUPPORT (EOS_MAUI_BASE+67) /* No driver support */
#define EOS_MAUI_NOTVISIBLE (EOS_MAUI_BASE+68) /* Not visible */
```

```
/* ----- PPC Specific Section ----- */
#define PPC_BASE (100 << 16)
```

```
#define EOS_PPC_MACHCHK (PPC_BASE+2) /* Machine check */
#define EOS_PPC_DATAACC (PPC_BASE+3) /* Data access */
#define EOS_PPC_INSTACC (PPC_BASE+4) /* Instruction access */
#define EOS_PPC_EXTINT (PPC_BASE+5) /* External interrupt */
#define EOS_PPC_ALIGN (PPC_BASE+6) /* Alignment */
#define EOS_PPC_PROGRAM (PPC_BASE+7) /* Program */
#define EOS_PPC_FPUUNAV (PPC_BASE+8) /* FPU unavailable */
#define EOS_PPC_DEC (PPC_BASE+9) /* Decrementer */
#define EOS_PPC_IOCNT (PPC_BASE+10) /* I/O controller */
#define EOS_PPC_SYSCALL (PPC_BASE+12) /* System call */
#define EOS_PPC_TRACE (PPC_BASE+32) /* Trace */
```

```
/* ----- CMx Specific Section ----- */
#define CMX_BASE (101 << 16)
```

```
#define EOS_CMX_ITLB (CMX_BASE+0) /* Instruction TLB */
#define EOS_CMX_DTLB (CMX_BASE+1) /* Data TLB */
#define EOS_CMX_OPCODE (CMX_BASE+2) /* Unimplemented opcode */
#define EOS_CMX_PROTECT (CMX_BASE+3) /* Protected instruction violation */
#define EOS_CMX_READ (CMX_BASE+4) /* No read permission */
#define EOS_CMX_WRITE (CMX_BASE+5) /* No write permission */
#define EOS_CMX_EXECUTE (CMX_BASE+6) /* No execute permission */
#define EOS_CMX_UNALIGN (CMX_BASE+7) /* Unaligned operation */
#define EOS_CMX_OVERFLOW (CMX_BASE+8) /* Integer overflow */
#define EOS_CMX_DIVZERO (CMX_BASE+9) /* Integer divide by zero */
#define EOS_CMX_SOFT (CMX_BASE+10) /* Software trap (trap instruction) */
```

```
#define EOS_CMX_MALADDR (CMX_BASE+11) /* Bad effective address */
#define EOS_CMX_DEBBUG (CMX_BASE+16) /* Single step or debug instruction */
#define EOS_CMX_IWATCH (CMX_BASE+17) /* Instruction watchpoint */
#define EOS_CMX_DWATCH (CMX_BASE+18) /* Data watchpoint */
#define EOS_CMX_FPINV (CMX_BASE+24) /* Floating-point invalid operation */
#define EOS_CMX_FPDIVZ (CMX_BASE+25) /* Floating-point divide by zero */
#define EOS_CMX_FPOFLOW (CMX_BASE+26) /* Floating-point overflow */
#define EOS_CMX_FPUFLOW (CMX_BASE+27) /* Floating-point underflow */
#define EOS_CMX_FPINEXCT (CMX_BASE+28) /* Floating-point inexact */
#define EOS_CMX_FPIEEE (CMX_BASE+29) /* Floating-point IEEE software support */

/* ----- MIPS Specific Section -----*/
#define MIPS_BASE (102 << 16)

#define EOS_MIPS_EXTINT (MIPS_BASE+0) /* External Interrupt */
#define EOS_MIPS_MOD (MIPS_BASE+1) /* TLB Modification Exception */
#define EOS_MIPS_TLBL (MIPS_BASE+2) /* TLB Miss Exception (load or instruction fetch) */
#define EOS_MIPS_TLBS (MIPS_BASE+3) /* TLB Miss Exception (store) */
#define EOS_MIPS_ADEL (MIPS_BASE+4) /* Address Error Exception (load or instruction fetch) */
#define EOS_MIPS_ADES (MIPS_BASE+5) /* Address Error Exception (store) */
#define EOS_MIPS_IBE (MIPS_BASE+6) /* Bus Error Exception (instruction fetch) */
#define EOS_MIPS_DBE (MIPS_BASE+7) /* Bus Error Exception (load or store) */
#define EOS_MIPS_SYS (MIPS_BASE+8) /* SYSCALL Exception */
#define EOS_MIPS_BP (MIPS_BASE+9) /* Breakpoint Exception */
#define EOS_MIPS_RI (MIPS_BASE+10) /* Reserved Instruction Exception */
#define EOS_MIPS_CPU (MIPS_BASE+11) /* CoProcessor Unusable Exception */
#define EOS_MIPS_OVF (MIPS_BASE+12) /* Arithmetic Overflow Exception */
#define EOS_MIPS_TR (MIPS_BASE+13) /* Trap Exception */
#if defined(MPFMIPS4000)
#define EOS_MIPS_FPE (MIPS_BASE+15) /* Floating Point Exception */
#endif
#define EOS_MIPS_WATCH (MIPS_BASE+23) /* Watch Exception */
#define EOS_MIPS_UTLB (MIPS_BASE+32) /* User State TLB Miss Exception */
#if defined(MPFMIPS3000)
#define EOS_MIPS_FPE (MIPS_BASE+67) /* Floating Point Exception */
#endif

/* ----- ARM Specific Section -----*/
#define ARM_BASE (103 << 16)

#define EOS_ARM_UNDEF (ARM_BASE+1) /* Undefined Instruction Exception */
#define EOS_ARM_PABORT (ARM_BASE+3) /* Instruction pre-fetch abort exception */
#define EOS_ARM_DTABORT (ARM_BASE+4) /* Data abort exception */
#define EOS_ARM_ALIGN (ARM_BASE+8) /* Alignment Exception */

/* ----- SH Specific Section -----*/
#define SH_BASE (104 << 16)

#define EOS_SH_TLBMISLD (SH_BASE+2) /* TLB miss on a load */
#define EOS_SH_TLBMISST (SH_BASE+3) /* TLB miss on a store */
#define EOS_SH_INITPG (SH_BASE+4) /* Initial page write */
#define EOS_SH_TLBPOTLD (SH_BASE+5) /* TLB protection violation on a load */
#define EOS_SH_TLBPOTST (SH_BASE+6) /* TLB protection violation on a store */
#define EOS_SH_ADDRLD (SH_BASE+7) /* Address error on a load */
#define EOS_SH_ADDRST (SH_BASE+8) /* Address error on a store */
#define EOS_SH_TRAPA (SH_BASE+11) /* TRAPA instruction */
#define EOS_SH_RSRVINSTR (SH_BASE+12) /* Reserved instruction */
#define EOS_SH_ILLSLOT (SH_BASE+13) /* Illegal slot instruction */
#define EOS_SH_BRKPT (SH_BASE+15) /* User break point */

/* ----- SPARC Specific Section -----*/
#define SPARC_BASE (107 << 16)

#define EOS_SPARC_INSTRBLK (SPARC_BASE+0x01) /* Instruction access exception */
#define EOS_SPARC_ILLINSTR (SPARC_BASE+0x02) /* Illegal instruction */
#define EOS_SPARC_PRIVINSTR (SPARC_BASE+0x03) /* Privileged instruction */
#define EOS_SPARC_FPDISABLE (SPARC_BASE+0x04) /* Floating point disabled */
#define EOS_SPARC_WINDOWOV (SPARC_BASE+0x05) /* Window overflow */
#define EOS_SPARC_WINDOWUF (SPARC_BASE+0x06) /* Window underflow */
#define EOS_SPARC_UNALIGNED (SPARC_BASE+0x07) /* Memory address unaligned */
#define EOS_SPARC_FP (SPARC_BASE+0x08) /* Floating point exception */
#define EOS_SPARC_DATABLK (SPARC_BASE+0x09) /* Data access exception */
#define EOS_SPARC_TAGOV (SPARC_BASE+0x0A) /* Tagged arith. overflow */
#define EOS_SPARC_WATCHPNT (SPARC_BASE+0x0B) /* Watchpoint detected */
#define EOS_SPARC_RREGACC (SPARC_BASE+0x20) /* Register access error */
#define EOS_SPARC_INSTRPER (SPARC_BASE+0x21) /* Instruction access error */
#define EOS_SPARC_CPDISABLE (SPARC_BASE+0x24) /* Coprocessor disabled */
#define EOS_SPARC_NOFLUSH (SPARC_BASE+0x25) /* Unimplemented FLUSH */
#define EOS_SPARC_CP (SPARC_BASE+0x28) /* Coprocessor exception */
#define EOS_SPARC_DATAPER (SPARC_BASE+0x29) /* Data access error */
#define EOS_SPARC_ZERODIV (SPARC_BASE+0x2A) /* Divide by Zero */
#define EOS_SPARC_DATAST (SPARC_BASE+0x2B) /* Data store error */
#define EOS_SPARC_DATAMMU (SPARC_BASE+0x2C) /* MMU Data miss */
#define EOS_SPARC_INSTRMMU (SPARC_BASE+0x3C) /* MMU Instruction miss
```

```
extern int errno;
```

```
#if defined(_ANSI_EXT) && defined(_OSK)
#if !defined(_TYPES_H)
#include <types.h>
#endif
```