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* NAME ERCLASS VALUE
*
* THIS MACRO DEFINES THE VALUE OF AN E.ERCLASS SYMBOL.
*
MACRO ERCLASS NAME,VALUE
ORG VALUE
NAME BSS I
CLASS SET NAME
USE *
ENDM .. END ERCLASS MACRO
*
NAME ERRNUM VALUE
THIS MACRO DEFINES THE VALUE OF E.ERRNUM

THE "PEELED" SYMBOL AND THE C.ERRNUM NUMBER SYMBOL ARE CREATED
AND GIVEN THE ERROR NUMBER AND ERROR CLASS VALUES, RESPECTIVELY.

MACRO ERRNUM NAME,VALUE
ORG VALUE
NAME BSS I
DEX MICRO 3% /NAME /
C.*DEX* EQU CLASS
USE *
ENDM
*
ERROR MODIFIEr,WHERE
*
B4:= MODIFIER
SETS B4 AND JUMPS TO WHERE *PRESUMABLY DEFINED IN
THE ERRCODE ROUTINE
*
GODDAMMIT.. DEFINE THIS SOMEPLACE ELSE. -DAVE

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*ERROR MACRO MODIFIEr,WHERE
SB4 MODIFIEr
EQ =XWHERE
ENDM

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*** ERROR CLASSES AND NUMBERS

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***** E.CHIP ERCLASS 0 SCOPE CALL ERROR CLASS
***** E.ARITH ERCLASS 1 ARITH ERROR CLASS
***** E.PARMS ERCLASS 2

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E.NEGPAR ERRNUM 0 PARAMETER TOO SMALL
E.BIGPAR ERRNUM 1 PARAMETER TOO LARGE
* - NEUTR - ERCLASS 2 PARAM NUMBER IS MASKED INTO ERRNUM
* - NEUTR - ERCLASS 2 POINTED TO IS NEGATIVE

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E.BIGPT	ERRNUM	3	POINTER IS TOO LARGE POINTER IS MASKED INTO ERRNUM
*			
E.NEGIX	ERRNUM	4	C-LIST INDEX IS NEGATIVE
E.BIGTX	ERRNUM	5	C-LIST INDEX IS TOO LARGE
E.NOTCL	ERRNUM	6	INDIRECT C-LIST REFERENCE DOES NOT GO THRU A C-LIST
*			
*			
E.BDTBLK	ERRNUM	7	PARAM NUM IS MASKED INTO ERRNUM DATA BLOCK EXTENDS PAST FL
E.BCPBLK	ERRNUM	8	CAPABILITY BLK GOES PAST LEN
E.NEGPCT	ERRNUM	9	P COUNTER IS NEGATIVE
E.BIGPCT	ERRNUM	10	P COUNTER > OR = FL OF FULL C-LIST
*			
*			

E.FILES	ERCLASS	3	FILE-PROCESSING ERROR CLASS
*			
E.NOFIL	ERRNUM	0	FILE DOESNT EXIST
E.ISBLK	ERRNUM	1	BLOCK TO BE CREATED EXISTS
E.INMAPS	ERRNUM	2	BLOCK IS IN MAP
E.NOBLK	ERRNUM	3	BLOCK TO BE MOVED DOESNT EXIST
E.MISMCH	ERRNUM	4	BLOCK SIZES NOT EQUAL FOR MOVE
E.NOBKD	ERRNUM	5	BLOCK TO BE DESTROYED DOESNT EXIST
E.NOTEMP	ERRNUM	6	FILE TO BE DESTROYED IS NONEMPTY
E.NEGSIZ	ERRNUM	7	NEGATIVE SHAPE NUMBER (OR TOO SMALL)
E.BIGSIZ	ERRNUM	8	SHAPE NUMBER IS TOO LARGE
E.NOTPOW	ERRNUM	9	SHAPE NUMBER IS NOT POWER OF TWO
E.BIGFIL	ERRNUM	10	FILE SIZE IS TOO GREAT
E.IOERR	ERRNUM	11	ECS I/O ERROR
*			
E.LLEV	ERRNUM	20	TOO MANY LEVELS
E.NODFTL	ERRNUM	21	NO SUCH OPEN DISK FILE
E.NABR	ERRNUM	22	NO ATTACHED BLOCK RECORD
E.DIOERR	ERRNUM	23	DISK I/O ERROR
E.TMA	ERRNUM	24	TOO MANY ATTACHES
E.TMD	ERRNUM	25	TOO MANY DETACHES
E.NATH	ERRNUM	26	BLOCK NOT ATTACHED
E.ZLEV	ERRNUM	27	
E.TMORN	ERRNUM	28	TOO MANY OPENS (LOCAL OR GLOBAL)
E.EXCLAM	ERRNUM	29	ALREADY EXCLUSIVE CLAIM
E.SHCLAM	ERRNUM	30	ALREADY LOCAL SHARED CLAIM
E.CLOCK	ERRNUM	31	CLAIM QUEUE LOCK UP (TIME OUT)
E.NOCLAM	ERRNUM	32	NO LOCAL CLAIM ON RELEASE
E.NOLPH	ERRNUM	33	NO LOCAL FILE HEADER SPACE
E.TMGA	ERRNUM	34	TOO MANY GLOBAL ATTACHES
E.FULL	ERRNUM	35	DISK SYSTEM TABLES FULL
E.SAME	ERRNUM	36	ATTEMPT TO SHAZAMFILE WITH ITSELF
E.FROZ	ERRNUM	37	FILE IS FROZEN
E.IFROZ	ERRNUM	38	LOCAL ↑I-FROZ-IT↑ FLAG WRONG
E.UNCLE	ERRNUM	39	SHUTDOWN TRIED IN BAD STATE
E.SHUT	ERRNUM	40	DISK SYS CALLED AFTER SHUTDOWN
E.BGLFT	ERRNUM	41	LFT ALREADY BIG
E.NOSML	ERRNUM	42	TOO MANY LPHS OR ABRS IN USE
*			
*			

E.SUBP	ERCLASS	4	ERROR CLASS FOR SUBPROCESS CREATION, CALL, AND RETURN
*			
E.SAMNA	ERRNUM	0	DUPLICATE SURP NAME
E.NOFATH	ERRNUM	1	NAMED FATHER DOESNT EXIST
E.NOBLOC	ERRNUM	2	BLOCK IN SWAPPING DIRECTIVE MISSING
E.COMP	ERRNUM	3	NOT ENOUGH ROOM FOR MAP
E.MACSZ	ERRNUM	4	PROCESS BECOMES TOO BIG
E.NOFTND	ERRNUM	5	NAMED SUBP DOESNT EXIST
E.FLASH	ERRNUM	6	NO ROOM FOR SUBP IN STACK

E.ROOM	ERRNUM	7	NO ROOM FOR PARAMETERS
E.NCAP	ERRNUM	8	TOO MANY CAPABILITY PARAMS
E.ESTK	ERRNUM	9	EMPTY STACK(ON RETURN)
E.STK	ERRNUM	10	EMPTY STACK(ON FRETURN)
E.NLEAF	ERRNUM	11	ATTEMPT TO DELETE SUB@ AT ROOT OR NOT
E.IFRET	ERRNUM	12	ILLEGAL FRETURN
E.NOXJ	ERRNUM	13	NO CEJ WHERE EXPECTED
E.BIGER	ERRNUM	14	• ERROR CLASS LARGER THAN POSSIBLE
*			LEAF OF SURP TREE
E.INSTK	ERRNUM	12	ATTEMPT TO DELETE SUB@ IN STACK
*			
*			

E.PROC	ERCLASS	5	ERROR CLASS FOR PROCESS
*			

E.BLMISS	ERRNUM	0	BLOCK MISSING IN SWAPPING DIRECTIVE
E.NOROOM	ERRNUM	1	NOT ENOUGH ROOM FOR MAP
E.PGONE	ERRNUM	2	PROCESS GONE FROM MOT
E.CGONE	ERRNUM	4	• LOCAL C-LIST GONE AT SWAPIN
E.MAPFR	ERRNUM	5	• MAP ERROR AT SWAPIN
E.BOTH	ERRNUM	6	• BOTH OF THE ABOVE
*			
*			

E.ABLOCK	ERCLASS	4	ALLOCATION BLOCK ERROR CLASS
E.NOABLK	ERRNUM	0	NO ALLOCATION BLOCK
E.NOECS	ERRNUM	1	NOT ENOUGH RESERVED SPACE FOR OBJECT
E.NOSLOT	ERRNUM	2	NO MOT SLOT FOR OBJECT
E.NOSWP	ERRNUM	3	NO SWAPPED ECS SPACE
E.NODSK	ERRNUM	4	NO DISK SPACE
E.NORES	ERRNUM	5	INSUFFICIENT RESERVED SPACE FOR DONATION
E.NOCP	ERRNUM	6	INSUFFICIENT CP TIME FOR DONATION
E.NOMOT	ERRNUM	7	INSUFFICIENT MOT SLOTS FOR DONATION
E.NORLC	ERRNUM	8	NOT ENUF RESERVED SPACE TO COVER DOUBLY-CHARGED SPACE DURING REALLOCATION
E.FATSON	ERRNUM	9	DONATE NOT BETWEEN FATHER/SON PAIR
E.CRGER	ERRNUM	10	INCREMENT WOULD LEAVE CHARGE RATE ILLEGAL
*			
E.BADSN	ERRNUM	20	BAD SERVICE NUMBER
E.NODDS	ERRNUM	21	GOOD LORD, OUT OF DDS RECORDS
E.BUSY	ERRNUM	22	CANNOT DESTROY ACCOUNTING CLOCK
E.RESV	ERRNUM	23	ACCOUNTING BLOCK HOLDING RESERVED SPACE
E.ACTIV	ERRNUM	24	ACCOUNTING BLOCK ALREADY ACTIVE
E.NOFUND	ERRNUM	25	NO FIXED ECS ALLOCBLK SUPPLIED TO DISK SYS
*			
*			

E.OPER	ERCLASS	7	ERROR IN INTERPRETING OPERATION
*			
E.IPO	ERRNUM	0	IPO NOT CAPABILITY FOR OPERATION
E.NOOP	ERRNUM	1	OPERATION NOT IN MOT
E.CAPTY	ERRNUM	2	CAPABILITY TYPE OR OPTIONS BAD
E.PSANY	ERRNUM	3	PARAM SPEC (ANY) ENCOUNTERED
E.NOTANY	ERRNUM	4	PARAM SPEC (ANY) NOT ENCOUNTERED
E.USER	ERRNUM	5	SHOULD BE USER-SUPPLIED PARAMETER
E.BIGORD	ERRNUM	6	ORDER TOO BIG FOR SCRATCH AREA
E.MANPAR	ERRNUM	7	TOO MANY PARAMETERS
E.BIGCNT	ERRNUM	8	BLK PARAM EXCEDES COUNT IN PARAMETER SPECIFICATION IN OPER
*			
*			

E.MISCE	ERCLASS	9	MISCELLANEOUS ERROR CLASS
*			

E.MISSOB	ERRNUM	1	MISC OBJECT NOT IN MOT
E.NOAUTH	ERRNUM	2	NO MORE CAPABILITY AUGMENTING AUTORIZATIONS ARE AVAILABLE
*			
*			

E.EVENT	ERCLASS	9	EVENT CHANNEL ERROR CLASS
*			
E.NEGQ	ERRNUM	0	EVENT QUEUE TOO SHORT
E.BIGQ	ERRNUM	1	EVENT QUEUE TOO LONG
E.NOCHAN	ERRNUM	2	EVENT CHANNEL NOT IN MOT
*			
*			

E.NOERR	ERCLASS	10	NO SUBP TO TAKE ERROR CLASS
*			
*E.NOERR1	EQU		THE ERROR WHICH CAUSED THIS ERROR
*			
*			

E.MAPS	ERCLASS	11	• ERROR CLASS FOR MAPS
*			
E.ISDAE	ERRNUM	0	• ATTEMPT TO CHANGE OR ZERO DAE
E.NTIBLK	ERRNUM	1	• DAE ATTEMPTS TO BRIDGE BLOCKS
E.NOTDAE	ERRNUM	2	• DAE ACTION APPLIED TO SWAPPING DIR.
E.BADNWS	ERRNUM	3	• REFER ARETURN = BAD WORD COUNT OR
E.PRENT	ERRNUM	4	• PREVIOUS ENTRY DURING MAKE MAP
E.WRGFL	ERRNUM	5	• WRONG CAP FOR PREVIOUS FILE
E.MAPOF	ERRNUM	6	• MAP IS TURNED OFF
*			• ON CHANGE OR ZERO MAP ENTRY
*			• MISSING FILE
E.WRFILE	ERRNUM	4	WRONG FILE ON DELETE MAP ENTRY
*			
*			

E.PANIC	ERCLASS	12	• ERROR CLASS FOR PANICS (INTERRUPTS)
*			
E.MLDP	ERRNUM	0	• MILD PANIC (ZR TEST USED BY SOME CODE)
E.MJRD	ERRNUM	1	• MAJOR PANIC (NZ TEST USED BY SOME CODE)
*			
*			

EC.DIRECT	EQU	13	• ERROR CLASS FOR DIRECTORY ERRORS
*			
EN.BADNM	EQU	0	• BAD NAME GIVEN
EN.IMPT	EQU	1	• ACCESS-KEY NOT IN ACCESS-LIST
EN.NTOWN	EQU	2	• WRONG ACTIONS USED TO DELETE LINK ENTRY
EN.DUPNM	EQU	3	• CAN NOT HAVE DUPLICATE NAMES
EN.NOSPC	EQU	4	• DIRECTORY IS FULL
EN.LOOP1	EQU	5	• SOFTLINK CHAIN TOO LONG
EN.LOOP2	EQU	6	• SUCCESSOR LINK CHAIN TOO LONG
EN.NTDSK	EQU	7	• ONLY DISK SYSTEM OBJECTS CAN BE HARLINKED
EN.ISOWN	EQU	8	• WRONG ACTION TO DELETE OWNERSHIP ENTRY
EN.BGOPT	EQU	9	• MORE THAN 42 OPTIONS GIVEN TO -ADD PAIR-
EN.ISLCK	EQU	10	• DUPLICATE LOCK FOR NEW ACCESS PAIR
EN.NTLCK	EQU	11	• NO SUCH LOCK FOR ACCESS PAIR TO BE DELETED
EN.NTDIR	EQU	12	• EVEN SCANLIST ENTRIES MUST BE DIRECTORIES
EN.NTKEY	EQU	13	• ODD SCANLIST ENTRIES MUST BE ACCESS-KEYS
EN.OWNS	EQU	14	• DIRECTORY TO BE DELETED OWNS SOMETHING
EN.RSRV	EQU	15	• DIRECTORY IS CURRENTLY RESERVED (EX. OPEN)
EN.NTED	EQU	16	• ACCOUNTING ACTION W/O FUNDING DIRECTORY
EN.NTIM	EQU	17	• AN AS YET UNIMPLEMENTED ACTION WAS CALLED
*			
*			

*

EC.DYNTG EQU 14 . ERROR CLASS FOR DYNAMIC NAME TAG ERRORS
*
EN.FLOL EQU 0 . FULL LOCAL OPEN LIST
EN.BLOC EQU 1 . TOO MANY LOCAL OPS
EN.FDNT EQU 2 . FULL GLOBAL TABLE
EN.NTOP EQU 4 . NO SUCH LOCALLY OPEN TAG
*
*
*

EC.BEADS EQU 15 . ERROR CLASS FOR BEADS ERRORS
*

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