

! ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
STORAGE ALLOCATION.

COMPASS - VER 2. 09/06/71 14.58.35.

PAGE 1

ADDRESS LENGTH BINARY CONTROL CARDS.

0	34	IDENT	LAST
34		END	

BLOCKS	TYPE	ADDRESS	LENGTH
ABSOLUTE*	ABSOLUTE	0	51
PROGRAM*	LOCAL	0	34

ENTRY POINTS.

E.BADNM	-	0	F.SPAR	-	20	FN.BPAR	-	1	EN.OWNS	-	16
E.IMPOI	-	1	F.FLOL	-	25	FN.BIDX	-	5	EN.RSRV	-	17
E.NOIA	-	2	F.BLOC	-	26	FC.FILE	-	3	EN.NTFD	-	20
E.DUP	-	6	F.FDNT	-	27	FN.NODF	-	25	EN.NTIM	-	21
E.NOSPC	-	7	F.BGOC	-	30	FN.WAIT	-	37	EN.DPNM	-	3
E.ISOWN	-	10	F.DNNTO	-	31	FC.ABLK	-	6	EN.LUP1	-	5
E.BGOPT	-	11	FRROR	-	24	FN.NOAB	-	0	EN.LUP2	-	6
E.ISLCK	-	12	FNDRO	-	34	FN.RESV	-	27	EN.NTDO	-	7
E.ISLK1	-	15	WINDOW	-	34	FN.FASO	-	11	EN.NTDR	-	14
E.NTLCK	-	13	FL	-	1034	FC.OPER	-	7	EN.NTAK	-	15
E.DELZR	-	14	FC.PARM	-	2	FN.CPTY	-	2	E.OPTS	-	5
E.WAIT	-	16	FN.SPAR	-	0	FC.DRCT	-	15	E.NTOWN	-	5

EXTERNAL SYMBOLS.

CLOCKS	CLOSE	TPLIST	PUTDNT	RETER	D.ENTRY
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IDENT LAST  
 ENTRY E.BADNM, E.IMPOT, E.NOIA, E.DUP  
 ENTRY E.NOSPC, E.ISOWN  
 ENTRY E.BGOPT, E.ISLCK, E.ISLK1, E.NTLCK, E.DELZR  
 ENTRY E.WAIT, E.SPAR  
 ENTRY E.FL0L, E.BLOC, E.FDNT, E.BGOC, E.DNNTO  
 ENTRY ERROR  
 ENTRY ENDRO, WINDOW, FL  
 EXT CLOCKS, CLOSE, IPLIST, PUDNT, RETERR

## # ASSEMBLY PARAMETERS:

1000 L.WIN EQU 512 // WINDOW SIZE (> MAX I-LEVEL FILE SIZE)

MISCMAC XTEXT  
 SYSMAC XTEXT  
 ERRNUMS LIST X  
 \* NAME ERCLASS VALUE ERRNUMS  
 \*  
 \* THIS MACRO DEFINES THE VALUE OF AN E.ERRORCLASS SYMBOL.  
 \*  
 \* MACRO ERCLASS,NAME,VALUE ERRNUMS  
 \* ORG VALUE ERRNUMS  
 \* NAME BSS 1 ERRNUMS  
 \* CLASS SET NAME ERRNUMS  
 \* USE \* ERRNUMS  
 \* ENDM .+ END ERCLASS MACRO ERRNUMS  
 \*  
 \* NAME ERRNUM VALUE ERRNUMS  
 \* THIS MACRO DEFINES THE VALUE OF E.ERRNUM ERRNUMS  
 \*  
 \* THE PEELED SYMBOL AND THE C.ERRNUMBER SYMBOL ARE CREATED.  
 \* AND GIVEN THE ERROR NUMBER AND ERROR CLASS VALUES, RESPECTIVELY. ERRNUMS  
 \*  
 \* MACRO ERRNUM,NAME,VALUE ERRNUMS  
 \* ORG VALUE ERRNUMS  
 \* NAME BSS 1 ERRNUMS  
 \* DEX MICRO 3,/NAME/ ERRNUMS  
 \* C.P#DEX# EQU CLASS ERRNUMS  
 \* USE \* ERRNUMS  
 \* ENDM ERRNUMS  
 \*  
 \* ERROR MODIFIER,WHERE ERRNUMS  
 \*  
 \* B4:= MODIFIER ERRNUMS  
 \* SETS R4 AND JUMPS TO WHERE #PRESUMABLY DEFINED IN ERRNUMS  
 \* THE ERRCODE ROUTINE ERRNUMS  
 \*



6	E.NOTEMP	ERRNUM	6	FILE TO BE DESTROYED IS NONEMPTY	ERRNUMS
7	E.NEGSIZ	ERRNUM	7	NEGATIVE SHAPE NUMBER (OR TOO SMALL)	ERRNUMS
8	,				ERRNUMS
9	E.BIGSIZ	ERRNUM	8	SHAPE NUMBER IS TOO LARGE	ERRNUMS
10	E.NOTPOW	ERRNUM	9	SHAPE NUMBER IS NOT POWER OF TWO	ERRNUMS
11	E.BIGFTL	ERRNUM	10	FILE SIZE IS TOO GREAT	ERRNUMS
12	E.IOERR	ERRNUM	11	ECS I/O ERROR	ERRNUMS
13	*				ERRNUMS
24	E.LLEV	ERRNUM	20	TOO MANY LEVELS	ERRNUMS
25	E.NODFTL	ERRNUM	21	NO SUCH OPEN DISK FILE	ERRNUMS
26	E.NABR	ERRNUM	22	NO ATTACHED BLOCK RECORD	ERRNUMS
27	E.DIOERR	ERRNUM	23	DISK I/O ERROR	ERRNUMS
30	E.TMA	ERRNUM	24	TOO MANY ATTACHES	ERRNUMS
31	E.TMD	ERRNUM	25	TOO MANY DETACHES	ERRNUMS
32	E.NATH	ERRNUM	26	BLOCK NOT ATTACHED	ERRNUMS
33	E.ZLEV	ERRNUM	27		ERRNUMS
34	E.TMOPN	ERRNUM	28	TOO MANY OPENS(LOCAL OR GLOBA	ERRNUMS
35	*				ERRNUMS
36	E.EXCLAM	ERRNUM	29	ALREADY EXCLUSIVE CLAIM	ERRNUMS
37	E.SHCLAM	ERRNUM	30	ALREADY LOCAL SHARED CLAIM	ERRNUMS
38	E.CLOCK	ERRNUM	31	CLAIM QUEUE LOCK UP(TIME OUT)	ERRNUMS
40	E.NOCLAM	ERRNUM	32	NO LOCAL CLAIM ON RELEASE	ERRNUMS
41	E.NOLF4	ERRNUM	33	NO LOCAL FILE HEADER SPACE	ERRNUMS
42	E.TMGA	ERRNUM	34	TOO MANY GLOBAL ATTACHES	ERRNUMS
43	E.FULL	ERRNUM	35	DISK SYSTEM TABLES FULL	ERRNUMS
44	E.SAME	ERRNUM	36	ATTEMPT TO SHAZAMFILE WITH IT	ERRNUMS
45	*				ERRNUMS
46	E.FROZ	ERRNUM	37	FILE IS FROZEN	ERRNUMS
47	E.IFROZ	ERRNUM	38	LOCAL +I-FROZ-IT+ FLAG WRONG	ERRNUMS
48	E.UNCLE	ERRNUM	39	SHUTDOWN TRIED IN BAD STATE	ERRNUMS
50	E.SHUT	ERRNUM	40	DISK SYS CALLED AFTER SHUTDOWN	ERRNUMS
51	*				ERRNUMS
52	*				ERRNUMS
53	*****				ERRNUMS
4	E.SUBP	ERCLASS	4	ERROR CLASS FOR SUBPROCESS CREATION, CALL, AND RETURN	ERRNUMS
5	*				ERRNUMS
6	*				ERRNUMS
7	*				ERRNUMS
8	E.SAMNA	ERRNUM	0	DUPLICATE SUBP NAME	ERRNUMS
9	E.NOFATH	ERRNUM	1	NAMED FATHER DOESNT EXIST	ERRNUMS
10	E.NOBLOC	ERRNUM	2	BLOCK IN SWAPPING DIRECTIVE MISSING	ERRNUMS
11	*				ERRNUMS
12	E.COMP	ERRNUM	3	NOT ENOUGH ROOM FOR MAP	ERRNUMS
13	E.MACSZ	ERRNUM	4	PROCESS BECOMES TOO BIG	ERRNUMS
14	E.NOFIND	ERRNUM	5	NAMED SUBP DOESNT EXIST	ERRNUMS
15	E.FULSTK	ERRNUM	6	NO ROOM FOR SUBP IN STACK	ERRNUMS
16	E.ROOM	ERRNUM	7	NO ROOM FOR PARAMETERS	ERRNUMS
17	E.NCAP	ERRNUM	8	TOO MANY CAPABILITY PARAMS	ERRNUMS
18	E.ESTK	ERRNUM	9	EMPTY STACK(ON RETURN)	ERRNUMS
19	E.STK	ERRNUM	10	EMPTY STACK(ON FRETURN)	ERRNUMS
20	E.NLEAF	ERRNUM	11	ATTEMPT TO DELETE SUBP AT ROOT OR	ERRNUMS
21	E.IFRET	ERRNUM	12	ILLEGAL FRETURN	ERRNUMS

15	E.NOXJ	ERRNUM	13	NO CEU WHERE EXPECTED	ERRNUMS
16	E.BIGER	ERRNUM	14	• ERROR CLASS LARGER THAN POSSIBLE	ERRNUMS
*	*			LEAF OF SUBP TREE	ERRNUMS
14	E.INSTK	ERRNUM	12	ATTEMPT TO DELETE SUBP IN STACK	ERRNUMS
*	*				ERRNUMS
*	*				ERRNUMS
5	E.PROC	ERCLASS	5	ERROR CLASS FOR PROCESS	ERRNUMS
*	*				ERRNUMS
0	E.BLMISS	ERRNUM	0	BLOCK MISSING IN SWAPPING DIRECTIVE	ERRNUMS
,	,				ERRNUMS
1	E.NOROOM	ERRNUM	1	NOT ENOUGH ROOM FOR MAP	ERRNUMS
3	E.PGONE	ERRNUM	3	PROCESS GONE FROM MOT	ERRNUMS
4	E.CGONE	ERRNUM	4	• LOCAL C-LIST GONE AT SWAPIN	ERRNUMS
5	E.MAPER	ERRNUM	5	• MAP ERROR AT SWAPIN	ERRNUMS
6	E.BOTH	ERRNUM	6	• BOTH OF THE ABOVE	ERRNUMS
*	*				ERRNUMS
*	*				ERRNUMS
6	E.ABLOCK	ERCLASS	6	ALLOCATION BLOCK ERROR CLASS	ERRNUMS
*	*				ERRNUMS
0	E.NOABLK	ERRNUM	0	NO ALLOCATION BLOCK	ERRNUMS
1	E.NOECS	ERRNUM	1	NOT ENOUGH RESERVED SPACE FOR OBJECT	ERRNUMS
,	,				ERRNUMS
2	E.NOSLOT	ERRNUM	2	NO MOT SLOT FOR OBJECT	ERRNUMS
3	E.NOSWP	ERRNUM	3	NO SWAPPED ECS SPACE	ERRNUMS
4	E.NODSK	ERRNUM	4	NO DISK SPACE	ERRNUMS
5	E.NORES	ERRNUM	5	INSUFFICIENT RESERVED SPACE FOR DONATION	ERRNUMS
,	,				ERRNUMS
6	E.NOCP	ERRNUM	6	INSUFFICIENT CP TIME FOR DONATION	ERRNUMS
7	E.NOMOT	ERRNUM	7	INSUFFICIENT MOT SLOTS FOR DONATION	ERRNUMS
10	E.NORLC	ERRNUM	8	NOT ENOUGH RESERVED SPACE TO COVER DOUBLY	ERRNUMS
*	*				ERRNUMS
11	E.FATSON	ERRNUM	9	CHARGED SPACE DURING REALLOCATION	ERRNUMS
12	E.CRGED	ERRNUM	10	DONATE NOT BETWEEN FATHER/SON PAIR	ERRNUMS
*	*			INCREMENT WOULD LEAVE CHARGE RATE ILLEG	ERRNUMS
24	E.BADSN	ERRNUM	20	BAD SERVICE NUMBER	ERRNUMS
25	E.NODDS	ERRNUM	21	GOOD LORD, OUT OF DDS RECORDS	ERRNUMS
26	E.BUSY	ERRNUM	22	CANNOT DESTROY ACCOUNTING BLOCK	ERRNUMS
27	E.RESV	ERRNUM	23	ACCOUNTING BLOCK HOLDING RESERVED SPACE	ERRNUMS
,	,				ERRNUMS
30	E.ACTIV	ERRNUM	24	ACCOUNTING BLOCK ALREADY ACTIVE	ERRNUMS
31	E.NOFUND	ERRNUM	25	NO FIXED ECS ALLOCBLK SUPPLIED TO DISK	ERRNUMS
*	*				ERRNUMS
*	*				ERRNUMS
7	E.OPER	ERCLASS	7	ERROR IN INTERPRETING OPERATION	ERRNUMS
*	*				ERRNUMS
0	E.IPO	ERRNUM	0	IPO NOT CAPABILITY FOR OPERATION	ERRNUMS
1	E.NOOP	ERRNUM	1	OPERATION NOT IN MOT	ERRNUMS
2	E.CAPTY	ERRNUM	2	CAPABILITY TYPE OR OPTIONS BAD	ERRNUMS

3	E.PSANY	ERRNUM	3	PARAM SPEC (ANY) ENCOUNTERED	ERRNUMS
4	E.NOTANY	ERRNUM	4	PARAM SPEC (ANY) NOT ENCOUNTERED	ERRNUMS
5	E.USER	ERRNUM	5	SHOULD BE USER-SUPPLIED PARAMETER	ERRNUMS
6	E.BIGODD	ERRNUM	6	ORDER TOO BIG FOR SCRATCH AREA	ERRNUMS
7	E.MANPAR	ERRNUM	7	TOO MANY PARAMETERS	ERRNUMS
10	E.BIGCNT	ERRNUM	8	BLK PARAM EXCEEDS COUNT IN PARAMETER SPECIFICATION IN OPER	ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*****				ERRNUMS
10	E.MISCE	ERCLASS	8	MISCELLANEOUS ERROR CLASS	ERRNUMS
	*				ERRNUMS
0	E.CLMOT	ERRNUM	0	CAPABILITY LIST NOT IN MOT	ERRNUMS
1	E.MISSOB	ERRNUM	1	MISC OBJECT NOT IN MOT	ERRNUMS
2	E.NOAUTH	ERRNUM	2	NO MORE CAPABILITY AUTOREATING AUTORIZATIONS ARE AVAILABLE	ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*****				ERRNUMS
11	E.EVENT	ERCLASS	9	EVENT CHANNEL ERROR CLASS	ERRNUMS
	*				ERRNUMS
0	E.NEGQ	ERRNUM	0	EVNT QUEUE TOO SHORT	ERRNUMS
1	E.BIGQ	ERRNUM	1	EVNT QUEUE TOO LONG	ERRNUMS
2	E.NOCHAN	ERRNUM	2	EVNT CHANNEL NOT IN MOT	ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*****				ERRNUMS
12	E.NOERP	ERCLASS	10	NO SUBP TO TAKE ERROR CLASS	ERRNUMS
	*				ERRNUMS
	#E.NOERR1	EQU		THE ERROR WHICH CAUSED THIS ERROR	ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*****				ERRNUMS
13	E.MAPS	ERCLASS	11	. ERROR CLASS FOR MAPS	ERRNUMS
	*				ERRNUMS
0	E.ISDAE	ERRNUM	0	. ATTEMPT TO CHANGE OR ZERO DAE	ERRNUMS
1	E.NT1BLK	ERRNUM	1	. DAE ATTEMPTS TO BRIDGE BLOCKS	ERRNUMS
2	E.NOTDAE	ERRNUM	2	. DAE ACTION APPLIED TO SWAPPING	ERRNUMS
	*				ERRNUMS
3	E.BADNWS	ERRNUM	3	. REFER ARETURN - BAD WORD COUNT	ERRNUMS
	*				ERRNUMS
4	E.PRENT	ERRNUM	4	. PREVIOUS ENTRY DURING MAKE MAP	ERRNUMS
5	E.WRGFI	ERRNUM	5	. WRONG CAP FOR PREVIOUS FILE	ERRNUMS
6	E.MAPOF	ERRNUM	6	. MAP IS TURNED OFF	ERRNUMS
	*			. ON CHANGE OR ZERO MAP ENTRY	ERRNUMS
	*			. MISSING FILE	ERRNUMS
4	E.WRFII	ERRNUM	4	WRONG FILE ON DELETE MAP ENTR	ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*				ERRNUMS
	*****				ERRNUMS
14	E.PANIC	ERCLASS	12	. ERROR CLASS FOR PANICS ( INTERRUPTS )	ERRNUMS

0	E·MLDP	ERRNUM	0	• MILD PANIC ( ZR TEST USED BY SOME CODE )	ERRNUMS
1	E·MJRP	ERRNUM	1	• MAJOR PANIC ( NZ TEST USED BY SOME CODE )	ERRNUMS
	*				
	*				
	*				
	*****				
15	EC·DIRCT	EQU	13	• ERROR CLASS FOR DIRECTORY ERRORS	
	*				
0	EN·BADNM	EQU	1	• BAD NAME GIVEN	ERRNUMS
1	EN·IMPT	EQU	2	• ACCESS-KEY NOT IN ACCESS-LIST	ERRNUMS
2	EN·NTOWN	EQU	3	• WRONG ACTIONS USED TO DELETE LINK ENTRY	ERRNUMS
3	EN·DUPNM	EQU	4	• CAN NOT HAVE DUPLICATE NAMES	ERRNUMS
4	EN·NOSPC	EQU	5	• DIRECTORY IS FULL	ERRNUMS
5	EN·LOOP1	EQU	6	• SOFTLINK CHAIN TOO LONG	ERRNUMS
6	EN·LOOP2	EQU	7	• SUCCESSOR LINK CHAIN TOO LONG	ERRNUMS
7	EN·NTDSK	EQU	8	• ONLY DISK SYSTEM OBJECTS CAN BE HARDLINKED	ERRNUMS
10	EN·ISOWN	EQU	9	• WRONG ACTION TO DELETE OWNERSHIP ENTRY	ERRNUMS
11	EN·BGOPT	EQU	10	• MORE THAN 42 OPTIONS GIVEN TO -ADD PAIR-	ERRNUMS
12	EN·ISLCK	EQU	11	• DUPLICATE LOCK FOR NEW ACCESS PAIR	ERRNUMS
13	EN·NTLCK	EQU	12	• NO SUCH LOCK FOR ACCESS PAIR TO BE DELETED	ERRNUMS
14	EN·NTDTR	EQU	13	• EVEN SCANLIST ENTRIES MUST BE DIRECTORIES	ERRNUMS
15	EN·NTKEY	EQU	14	• ODD SCANLIST ENTRIES MUST BE ACCESS-KEYS	ERRNUMS
16	EN·OWNS	EQU	15	• DIRECTORY TO BE DELETED OWNS SOMETHING	ERRNUMS
17	EN·RSRV	EQU	16	• DIRECTORY IS CURRENTLY RESERVED (EX. OPEN)	ERRNUMS
20	EN·NTFD	EQU	17	• ACCOUNTING ACTION W/O FUNDING DIRECTORY	ERRNUMS
21	EN·NTIM	EQU	18	• AN AS YET UNIMPLEMENTED ACTION WAS CALLED	ERRNUMS
	*				
	EN·ISOP	EQU	20	• DIRECTORY TO BE destroyed globally oper	
	*				
	*****				
16	EC·DYNTG	EQU	14	• ERROR CLASS FOR DYNAMIC NAME TAG ERRORS	
	*				
0	EN·FLOI	EQU	1	• FULL LOCAL OPEN LIST	ERRNUMS
1	EN·BLOC	EQU	2	• TOO MANY LOCAL OPNS	ERRNUMS
2	EN·FDNT	EQU	3	• FULL GLOBAL TABLE	ERRNUMS
3	EN·BGOC	EQU	4	• TOO MANY GLOBAL OPENS	ERRNUMS
4	EN·NTOP	EQU	5	• NO SUCH LOCALLY OPEN TAG	ERRNUMS
	*				
	*				
	*				
	*****				
17	EC·BEADS	EQU	15	• ERROR CLASS FOR BEADS ERRORS	
	*				

EC•PC	MACRO	C L A S S , C , V A L
	ENTRY	E C • P C
	EQU	V A L
	ENDM	

**MACRO**      **NUMBER, N, VAL**

EN.PN	ENTRY	EN.PN
	EQU	VAL
	ENDM	

PARM	CLASS	E.PARMS	.. PARAMETER ERROR CLASS
SPAR	NUMBER	E.NEGPAR	
BPAR	NUMBER	E.BIGPAR	
BIDX	NUMBER	E.BIGIX	

FILE	CLASS	E.FILES
NODF	NUMBER	E.NODFIL
WAIT	NUMBER	E.CLOCK

ABLK	CLASS	E.ABLOCK	.. ALLOCATION (AND ACCOUNTING) BLOCK ERRORS
NOAB	NUMBER	E.NOABLK	.. NO SUCH ACCOUNTING BLOCK
RESV	NUMBER	E.RESV	
FASO	NUMBER	E.FATSON	

OPER	CLASS	E.OPER
CPTY	NUMBER	E.CAPTY

DRCT	CLASS	E.DRCT
	ENTRY	EN.OWNS, EN.RSRV, EN.NTFD, EN.NTIM, EN.ISCP
DPNM	NUMBER	EN.DUPNM
LUP1	NUMBER	EN.LOOP1
LUP2	NUMBER	EN.LOOP2
NTDO	NUMBER	EN.NTDSK
NTDR	NUMBER	EN.NTDTR
NTAK	NUMBER	EN.NTKEY

\* INCORRECT SYNTAX OF NAME FOR NEW ENTRY

0 6110000009 0200000023 +	E.BADNM SB1 JP	EN.BADNM E.DIR	•• ERROR NUMBER •• RESTORE, CREATE DIRECTORY ERROR
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\* ATTEMPT TO ACCESS AN ENTRY WITHOUT AN AUTHORIZED ACCESS-KEY

1 6110000001 0200000022 +	E.IMPOT SB1 JP	EN.IMPOT E.DIRCLO	•• CLOSE, RESTORE, CREATE DIRECTORY ERROR
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\* UNAUTHORIZED ATTEMPT TO USE IMPLICIT ACCESS

2 6170000003 + 3 6110000002 7166000007 4 0200000024 +	E.NOIA CALL SB1 SX6 JP	CLOSE E.CAPTY E.OPER ERROR	
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2 + E.OPTS EQU ENTRY	E.NOIA E.OPTS
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\* ATTEMPT TO DELETE LINK ENTRY WITH WRONG ACTION

ENTRY EN.TOWN

5 6110000002 0200000022 +	E.NTOWN SB1 JP	EN.NTOWN E.DIRCLO	
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\* ATTEMPT TO ADD ENTRY WITH NAME OF AN EXISTING ENTRY

6 6110000003 0200000022 +	E.DUP SB1 JP	EN.DUPNM E.DIRCLO	
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\* THERE IS INSUFFICIENT SPACE IN THE DIRECTORY FILE. [NOTE THAT THIS IS NOT  
\* AN ACCOUNTING MATTER.]

7 6110000004 0200000022 +	E.NOSPC SB1 JP	EN.NOSPC E.DIRCLO	
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\* ATTEMPTED DELETION OF AN OWNERSHIP ENTRY WITH THE LINK-DELETING ACTION

10 6110000010 0200000022 +	E.ISOWN SB1 JP	EN.ISOWN E.DIRCLO	
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\* ATTEMPT TO ADD ACCESS-PAIR WITH MORE THAN 42 OPTIONS

11 6110000011 0200000023 +	E.BGOPT SB1 JP	EN.BGOPT E.DIR	
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\* ATTEMPT TO ADD ACCESS-PAIR WITH SAME LOCK AS EXISTING PAIR

12 6110000012 0200000022 +	E.ISLCK SB1 JP	EN.ISLCK E.DIRCLO	
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\* AN ATTEMPT WAS MADE TO DELETE A NON-EXISTANT ACCESS-PAIR

13 6110000013 0200000022 +	E.NTLCK SB1	EN.NTLCK	
14 6110000013 0200000023 +	E.DELZR SB1	EDIRCLO EN.NTLCK	•• ATTEMPT TO DELETE THE IMPLICIT •• ACCESS PAIR
15 6110000012 0200000023 +	E.ISLK1 SB1	EN.ISLK1 E.DIR	•• SAME ERROR, BUT THERE IS •• NO DIRECTORY TO CLOSE

\* A TIME-OUT ERROR WAS ENCOUNTERED WHILE TRYING TO CLAIM A DIRECTORY FILE

16 0100000000 X	E.WAIT DEBUG	WAITERR ***** KLUDGE *****	
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\* A PARAMETER WAS TOO SMALL

20 6110000000 0200000021 +	E.SPAR SB1	EN.SPAR	
		E.PARM	•• SET ERROR CLASS AND GENERATE ERROR
21 7160000002 0200000024 +	E.PARM SX6	EPARM ERROR	•• GENERATE ERROR
22 6170000023 +	E.DIRCIO CALL	CLOSE	•• UNMAP, RELEASE CLAIM, CLOSE
23 7160000015	E.DIR SX6	EDIRECT	•• ERROR CLASS
24 73160 76210 0200000000 X	ERROR SX1	X6	•• ERROR CLASS
	SX2	B1	•• ERROR NUMBER
	JP	RETERR	

\* TO MANY LOCALLY OPEN DYNAMIC NAME TAGS

25 6110000000 E.FLOL SB1 EN.FLOL .. ERROR NUMBER  
0200000032 + JP E.DNTCLO .. PUTDNT, SET ERROR CLASS

\* LOCAL OPEN COUNT EXCEEDED

26 6110000001 E.BLOC SB1 EN.BLOC .. SET ERROR CLASS  
0200000033 + JP E.DNT

\* TOO MANY GLOBALLY OPEN DYNAMIC NAME TAGS

27 6110000002 E.FDNT SB1 EN.FDNT  
0200000032 + JP E.DNTCLO

\* GLOBAL OPEN COUNT EXCEEDED

30 6110000003 E.BGOC SB1 EN.BGOC  
0200000032 + JP E.DNTCLO

\* NO SUCH LOCALLY OPEN DYNAMIC NAME TAG

31 6110000004 E.DNNTO SB1 EN.NTOP  
0200000033 + JP E.DNT

\*

\*

32 616000033 + E.DNTCLO CALLR PIUDNT,B6 .. CLEAR WINDOW MAP ENTRY  
33 7160000016 E.DNT SX6 EC.DYNTG .. ERROR CLASS  
0200000024 + JP ERROR

: ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
DEFINE -ENDRO-, -WINDOW-, AND -FL-

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34 ENDRO BSS 0 .. LWA+1 OF READ-ONLY CODE [FOR MAP]  
34 WINDOW BSS 0 .. START OF BUFFER  
1034 + FL EQU WINDOW+LWIN .. LWA+1 OF BUFFER [SUBPROCESS FL]  
34 END

37640 STORAGE USED  
6600 ASSEMBLY 984 STATEMENTS  
6.989 SECONDS 323 SYMBOLS  
537 REFERENCES 000003 INVENTED SYMBOLS

! ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
SYMBOLIC REFERENCE TABLE.

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CLASS	14	3/17 D	3/49	4/15	4/38 D	5/05	5/32	6/04	6/46
		3/21 D	3/50	4/16	4/41	5/09 D	5/34	6/05	6/47
		3/25 D	3/51	4/17	4/42	5/12	5/36	6/06	6/48
		3/27	3/52	4/19	4/44	5/13	5/38	6/07	6/49
		3/28	4/01	4/20	4/45	5/14	5/40	6/12 D	6/45
		3/30	4/02	4/21	4/46	5/15	5/41	6/14	6/49
		3/31	4/04	4/23	4/47	5/16	5/42	6/15	7/01 D
		3/33	4/05	4/24	4/48	5/17	5/44	6/16	7/04
		3/34	4/06	4/25	4/49	5/21 D	5/45	6/21 D	7/05
		3/35	4/07	4/26	4/50	5/23	5/46	6/23	
		3/38	4/08	4/27	4/51	5/25	5/50 D	6/24	
		3/39	4/10	4/29	4/52	5/26	5/52	6/25	
		3/40	4/11	4/30	4/53	5/27	5/53	6/29 D	
		3/41	4/12	4/31	5/01	5/28	6/01	6/35 D	
		3/46 D	4/13	4/32	5/02	5/30	6/02	6/37	
		3/48	4/14	4/34	5/03	5/31	6/03	6/38	
CLOCKS	0	EXTERNAL*							
CLOSE	0	EXTERNAL*	9/15	10/24					
C.ACTIV	6		5/45 D						
C.BADNWS	13		6/42 D						
C.BADSN	6		5/40 D						
C.BCPBLK	2		3/39 D						
C.BDTBLK	2		3/38 D						
C.BIGCNT	7		6/07 D						
C.BIGER	4		5/03 D						
C.BIGFIL	3		4/07 D						
C.BIGIX	2		3/34 D						
C.BIGORD	7		6/05 D						
C.BIGPAR	2		3/28 D						
C.BIGPCT	2		3/41 D						
C.BIGPT	2		3/31 D						
C.BIGQ	11		6/24 D						
C.BIGSIZ	3		4/05 D						
C.BLMISS	5		5/12 D						
C.BOTH	5		5/17 D						
C.BUSY	6		5/42 D						
C.CAPTY	7		6/01 D						
C.CGONE	5		5/15 D						
C.CLMMOT	10		6/14 D						
C.CLOCK	3		4/23 D						
C.COMP	4		4/45 D						
C.CRGFR	6		5/38 D						
C.DIOERR	3		4/13 D						
C.ESTK	4		4/51 D						
C.EXCLAM	3		4/20 D						
C.FATSON	6		5/36 D						
C.FROZ	3		4/30 D						
C.FULL	3		4/27 D						
C.FULSTK	4		4/48 D						
C.IFRET	4		5/01 D						
C.IFROZ	3		4/31 D						
C.INMAPS	3		3/50 D						
C.INSTK	4		5/05 D						

! ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
SYMBOLIC REFERENCE TABLE.

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C.IOERR	3	4/08 D
C.IPO	7	5/52 D
C.ISBLK	3	3/49 D
C.ISDAE	13	6/37 D
C.LLEV	3	4/10 D
C.MACSZ	4	4/46 D
C.MANPAR	7	6/06 D
C.MAPER	5	5/16 D
C.MAPOF	13	6/45 D
C.MISMCH	3	3/52 D
C.MISSOB	10	6/15 D
C.MJRP	14	7/05 D
C.MLDP	14	7/04 D
C.NABR	3	4/12 D
C.NATH	3	4/16 D
C.NCAP	4	4/50 D
C.NEGIX	2	3/33 D
C.NEGPAR	2	3/27 D
C.NEGPCT	2	3/40 D
C.NEGPT	2	3/30 D
C.NEGO	11	6/23 D
C.NEGSIZ	3	4/04 D
C.NLEAF	4	4/53 D
C.NOARLK	6	5/23 D
C.NOAUTH	10	6/16 D
C.NOBKD	3	4/01 D
C.NOBLK	3	3/51 D
C.NOBLOC	4	4/44 D
C.NOCHAN	11	6/25 D
C.NOCLAM	3	4/24 D
C.NOCP	6	5/31 D
C.NODDS	6	5/41 D
C.NODFIL	3	4/11 D
C.NODSK	6	5/28 D
C.NOECS	6	5/25 D
C.NOFATH	4	4/42 D
C.NOFIL	3	3/48 D
C.NOFIND	4	4/47 D
C.NOFUND	6	5/46 D
C.NOLFH	3	4/25 D
C.NOMOT	6	5/32 D
C.NOOP	7	5/53 D
C.NORES	6	5/30 D
C.NORLC	6	5/34 D
C.NOROOM	5	5/13 D
C.NOSLOT	6	5/26 D
C.NOSWP	6	5/27 D
C.NOTANY	7	6/03 D
C.NOTCL	2	3/35 D
C.NOTDAE	13	6/40 D
C.NOTEMP	3	4/02 D
C.NOTPOW	3	4/06 D
C.NOXJ	4	5/02 D

; ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
; SYMBOLIC REFERENCE TABLE.

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PAGE 15

C.NT1BLK	13	6/38 D
C.PGONE	5	5/74 D
C.PRENT	13	6/43 D
C.PSANY	7	6/02 D
C.RESV	6	5/44 D
C.ROOM	4	4/49 D
C.SAME	3	4/29 D
C.SAMNA	4	4/41 D
C.SHCLAM	3	4/21 D
C.SHUT	3	4/34 D
C.STK	4	4/52 D
C.TMA	3	4/14 D
C.TMD	3	4/15 D
C.TMGA	3	4/26 D
C.TMOPN	3	4/19 D
C.UNCLE	3	4/32 D
C.USER	7	6/04 D
C.WRFIL	13	6/49 D
C.WRGFL	13	6/44 D
C.ZLEV	3	4/17 D
D.ENTRY	0	EXTERNAL*
EC.ABLK	6	8/16 D
EC.BEADS	17	7/44 D
EC.DIRCT	15	7/09 D 8/24 10/24
EC.DRCT	15	8/24 D
EC.DYNTG	16	7/33 D 11/29
EC.FILE	3	8/11 D
EC.OPER	7	8/21 D
EC.PARM	2	8/06 D 10/20
ENDRO	34	PROGRAM*
EN.BADNM	0	2/10 E 12/01 L
EN.BGOC	3	7/11 D 9/04
EN.BGOPT	11	7/38 D 11/18
EN.BIDX	5	7/20 D 9/47
EN.BLOC	1	8/09 D
EN.BPAR	1	7/36 D 11/08
EN.CPTY	2	8/08 D
EN.DPNM	3	8/32 D
EN.DUPNM	3	8/26 D
EN.FASO	11	7/14 D 8/26 9/31
EN.FDNT	2	8/19 D
EN.FLOL	0	7/37 D 11/13
EN.IMPOT	1	7/35 D 11/03
EN.ISLCK	12	7/12 D 9/09
EN.ISOWN	10	7/21 D 9/52 10/08
EN.LOOP1	5	7/19 D 9/42
EN.LOOP2	6	7/16 D 8/27
EN.LUP1	5	7/17 D 8/28
EN.LUP2	6	8/27 D
EN.NOAB	0	8/28 D
EN.NODE	25	8/17 D
EN.NOSPC	4	8/12 D
EN.NTAK	15	7/15 D 9/37
		8/31 D

: ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
SYMBOLIC REFERENCE TABLE.

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: ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2. 09/06/71 14.59.43.

PAGE 17

E.DNTCLO	32	PROGRAM#	11/04	11/14	11/19	11/28 L
E.DUP	6	PROGRAM#	2/03	E 9/31 L		
E.ESTK	11		4/50	L		
E.EVENT	11		6/20	L 6/21		
E.EXCLAM	35		4/19	L		
E.FATSON	11		5/35	L 8/19		
E.FDN	27	PROGRAM#	2/07	E 11/13 L		
E.FILES	3		3/45	L 3/46 8/11		
E.FLOL	25	PROGRAM#	2/07	E 11/03 L		
E.FROZ	45		4/29	L		
E.FULL	43		4/26	L		
E.FULSTK	6		4/47	L		
E.IFRFT	14		4/53	L		
E.IFROZ	46		4/30	L		
E.IMPOT	1	PROGRAM#	2/03	E 9/09 L		
E.INMAPS	2		3/49	L		
E.INSTK	14		5/04	L		
E.IOERR	13		4/07	L		
E.IPO	0		5/51	L		
E.ISBLK	1		3/48	L		
E.ISDAE	0		6/36	L		
E.ISLCK	12	PROGRAM#	2/05	E 9/52 L		
E.ISLK1	15	PROGRAM#	2/05	E 10/08 L		
E.ISOWN	10	PROGRAM#	2/04	E 9/42 L		
E.LLEV	24		4/09	L		
E.MACSZ	4		4/45	L		
E.MANPAR	7		6/05	L		
E.MAPER	5		5/15	L		
E.MAPOF	6		6/44	L		
E.MAPS	13		6/34	L 6/35		
E.MISCE	10		6/11	L 6/12		
E.MISMCH	4		3/51	L		
E.MISSOB	1		6/14	L		
E.MJRP	1		7/04	L		
E.MLDP	0		7/02	L		
E.NABR	26		4/11	L		
E.NATH	32		4/15	L		
E.NCAP	10		4/49	L		
E.NEGIX	4		3/32	L		
E.NEGPAR	0		3/26	L 8/07		
E.NEGPCT	11		3/39	L		
E.NEGPT	2		3/29	L		
E.NEGQ	0		6/22	L		
E.NEGSIZ	7		4/02	L		
E.NLEAF	13		4/52	L		
E.NOABLK	0		5/22	L 8/17		
E.NOAUTH	2		6/15	L		
E.NOBKD	5		3/52	L		
E.NOBLK	3		3/50	L		
E.NOBLOC	2		4/42	L		
E.NOCHAN	2		6/24	L		
E.NOCLAM	40		4/23	L		
E.NOCP	6		5/30	L		

ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
SYMBOLIC REFERENCE TABLE.

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E.NODDS	25		5/40 L			
E.NODFIL	25		4/10 L	8/12		
E.NODSK	4		5/37 L			
E.NOECS	1		5/33 L			
E.NOERR	12		6/28 L	6/29		
E.NOFATH	1		4/41 L			
E.NOFIL	0		3/47 L			
E.NOFIND	5		4/46 L			
E.NOFUND	31		5/45 L			
E.NOIA	2	PROGRAM*	2/03 E	9/14 L	9/19	
E.NOLFH	41		4/24 L			
E.NOMOT	7		5/31 L			
E.NOOP	1		5/52 L			
E.NORES	5		5/28 L			
E.NORLC	10		5/32 L			
E.NOROOM	1		5/12 L			
E.NOSLOT	2		5/25 L			
E.NOSPC	7	PROGRAM*	2/04 E	9/37 L		
E.NOSWP	3		5/26 L			
E.NOTANY	4		6/02 L			
E.NOTCL	6		3/34 L			
E.NOTRAE	2		6/38 L			
E.NOTEMP	6		4/01 L			
E.NOTPOW	11		4/05 L			
E.NOXJ	15		5/01 L			
E.NTLCK	13	PROGRAM*	2/05 E	10/04 L		
E.NTOWN	5	PROGRAM*	9/24 E	9/26 L		
E.NT1BLK	1		6/37 L			
E.OPER	7		5/49 L	5/50	8/21	9/16
E.OPTS	2	PROGRAM*	9/19 D	9/20 E		
E.PANIC	14		6/53 L	7/01		
E.PARM	21	PROGRAM*	10/18	10/20 L		
E.PARMS	2		3/24 L	3/25	8/06	
E.PGONE	3		5/13 L			
E.PRENT	4		6/42 L			
E.PROC	5		5/08 L	5/09		
E.PSAMY	3		6/01 L			
E.RESV	27		5/42 L	8/18		
E.ROOM	7		4/48 L			
E.SAME	44		4/27 L			
E.SAMNA	0		4/40 L			
E.SHCLAM	36		4/20 L			
E.SHUT	50		4/32 L			
E.SPAR	20	PROGRAM*	2/06 E	10/17 L		
E.STK	12		4/51 L			
E.SUBP	4		4/37 L	4/38		
E.TMA	30		4/13 L			
E.TMD	31		4/14 L			
E.TMGA	42		4/25 L			
E.TMOPN	34		4/17 L			
E.UNCLE	47		4/31 L			
E.USER	5		6/03 L			
E.WAIT	16	PROGRAM*	2/06 E	10/13 L		

: ERROR GENERATION, WINDOW [MUST BE LOADED LAST]  
S Y M B O L I C R E F E R E N C E T A B L E .

C O M P A S S - V E R 2 . 0 9 / 0 6 / 7 1 1 4 . 5 9 . 4 6 . P A G E 1 9

E.WRFIL	4		6/47 L
E.WRGFL	5		6/43 L
E.ZLEV	33		4/16 L
FL	1034	PROGRAM*	2/10 E 12/05 D
IPLIST	0	EXTERNAL*	
L.WIN	1000		2/16 D 12/05
PUTDNT	0	EXTERNAL*	11/29
RETERR	0	EXTERNAL*	10/27
WINDOW	34	PROGRAM*	2/10 E 12/03 L 12/05