

ADDRESS LENGTH

0 7321
7321

BINARY CONTROL CARDS.

IDENT TFILE1
END

BLOCKS	TYPE	ADDRESS	LENGTH
PROGRAM*	LOCAL	0	1756
LITERALS*	LOCAL	1756	2
CHARS	LOCAL	1760	667
PARAS	LOCAL	2647	2056
CODE	LOCAL	4725	2374

ENTRY POINTS.

TEST1 - 0

EXTERNAL SYMBOLS.

REGSAVE	ERRJP	START	TEMP	PACK	ERR
RETLINK	MASK	CVTOUT	TYPEOUT	XPACK	

```

0
0
0
0
0 46000
1760 04110404140523551501
2653 000000000000000000130

2657 000000000000000000064
2662 000000000000000000063
2666 0000000000000000000130

6 LIFO EQU 6 LEVEL ONE FILE DESCRIPTOR
4 L1DB EQU 4 LEVEL ONE DATA BLOCK
52 L37FD EQU 42 LEVEL 37 FILE DESCRIPTOR
5 L37PB EQU 5 LEVEL 37 POINTER BLOCK
4 L37DB EQU 4 LEVEL 37 DATA BLOCK
10 L3FD EQU 8 LEVEL 3 FILE DESCRIPTOR
7 L3PB EQU 7 LEVEL 3 POINTER BLOCK
12 L3DB EQU 10 LEVEL 3 DATA BLOCK

50 P.SCPL EQU 50B PARAS
SHAPE5 EQU 0
000046 DUP P.SCPL-2,i
2740 000000000000000000004 SHAPE53 DATA 2
DATA 4,4,8
USE 4
ABSIZE MACRO AB
DOPER C.DSPAB,AB,=XTEMP+1,i
DUMP =XTEMP+1,i
ABSIZE ENDM
WRONG MACRO
SAY (THAT WAS WRONG)
WRONG ENDM
CHSIZ MACRO
LOCAL NEXT
SA1 =XTEMP+1
ABSIZE AB
SA2 TEMP+1
IX3 X2-X1
SR3 X3-DSIZE
EQ B3,B0,NEXT
WRONG
SYMB

```

		DEBUG	
	NEXT	NO	
	CHSI7	ENDM	
	*		CREATE A 1 LEVEL FILE
1764	24101123552405232455	SAY	(THIS TEST TRIES TO DRIVE ALL THE FILE CODE)
1771	27101103105511162405	SAY	(WHICH INTERACTS WITH THE ALLOCATOR)
1775	11245506220521250516	SAY	(IT FREQUENTLY PRINTS THE SPACE FIELD OF)
2002	01552205140526011624	SAY	(A RELEVANT AB FOR INSPECTION)
2005	25162411145506252224	SAY	(UNTIL FURTHER NOTICE, WE ARE MOVING BLOCKS)
2012	06221715550611140555	SAY	(FROM FILE 1 TO FILE2, BOTH ON AB1)
2016	01023455061722552022	SAY	(AB1 FOR PRIOR INSPECTION)
2777	00000000000000000104	ARSIZE	K.MALLOC
116	5110000001 X	SAL	TEMP+1 . INITIALIZE SIZE WORD
3007	00000000000000000010	TOPER	1,,,C.CFILE,K.MALLOC,K.FILE1,1,SHAPES
2037	24100124550322050124	SAY	(THAT CREATED A 1 LEVEL FILE)
144	5110000001 X	CHSIZ	K.MALLOC,L1FD
	*		CREATE A P.SCRL-3 LEVEL FILE
3065	00000000000000000010	TOPER	1,,,C.CFILE,K.MALLOC,K.FILE2,P.SCRL-3,SHAPES
2062	24100124550322050124	SAY	(THAT CREATED A 37-LEVEL FILE)
217	5110000001 X	CHSIZ	K.MALLOC,L37FD
	*		CREATE THE BLOCK IN FILE1
3143	00000000000000000011	TOPER	1,,,C.CBLK,K.FILE1,0
2105	16172755270555032205	SAY	(NOW WE CREATED THE BLOCK ON FILE1)
272	5110000001 X	CHSIZ	K.MALLOC,L1DB
	*		DISPLAY THE DIRTY BIT
3217	00000000000000000116	TOPER	1,60/0,,,C.TRDR,K.FILE1,0
2131	23160501133155240523	SAY	(SNEAKY TEST OF DIRTY BIT)
	*		WRITE AND TEST THE DIRTY BIT
3257	00000000000000000004	TOPER	1,,,C.WFILE,K.FILE1,0,=3,1
3315	00000000000000000116	TOPER	1,60/1,,,C.TRDB,K.FILE1,0
	*		MOVE THE BLOC TO FILE2
3351	00000000000000000050	TOPER	1,,,C.MOVBLK,K.FILE1,0,K.FILE2,0
2206	16172755151726050455	SAY	(NOW MOVED THE BLOCK TO FILE2, ADDR 0)
436	5110000001 X	CHSIZ	K.MALLOC,36*L37PB+L37DB-L1DB
3427	00000000000000000116	TOPER	1,60/0,,,C.TRDB,K.FILE2,0
	*		DIRTY THE BLOCK AND MOVE IT
3463	00000000000000000011	DOPER	C.CBLK,K.FILE1,0
2232	22050322050124050455	SAY	(RECREATED ADDRESS 0, FILE1)
520	5110000001 X	CHSIZ	K.MALLOC,L1DB

3506 00000000000000000004
3513 00000000000000000050
2255 15172605045511245524
576 5110000001 X
3571 00000000000000000116

F70

F71

*
*
*

2300 16172755551517261116
3631 00000000000000000050
2321 15172605045506221715
702 5110000001 X

F80

*
*
*

2325 03220501240555052222

*
*
*

3713 00000000000000000050
763 5110000001 X
3765 00000000000000000050
1035 5110000001 X

F100

F101

*
*
*

4037 00000000000000000123
4047 00000000000000000050
1112 5110000001 X
2411 03220501240555052222

F110

*
*
*

4125 00000000000000000010
1165 5110000001 X

F120

*
*
*

4177 00000000000000000050
1237 5110000001 X
4251 00000000000000000011
2474 03220501240504550104
1312 5110000001 X

F121

F122

*
*
*

4325 00000000000000000050
1364 5110000001 X

F123

*
*
*

4377 00000000000000000050
1436 5110000001 X

F124

DOPER C.WFILE,K.FILE1,0,=2,2
TOPER 1,,,C.MOVBLK,K.FILE1,0,K.FILE2,16
SAY (MOVED IT TO FILE2, ADDR 16)
CHSIZ K.MALLOC,3*L37PB+L37DB-L1DB
TOPER 1,60/1,,,C.TRDB,K.FILE2,16

MOVE WITHIN FILE2

SAY (NOW MOVING WITHIN FILE2)
TOPER 1,,,C.MOVBLK,K.FILE2,0,K.FILE2,2
SAY (MOVED FROM 0 TO 2)
CHSIZ K.MALLOC,L37DB-L37DB

ERRORS WHILE MOVING WITHIN ONE FILE

SAY (CREATE ERRORS MOVING WITHIN ONE FILE)

3.3 NO BLOCK

TOPER 3,60/3,60/3,C.MOVBLK,K.FILE2,4,K.FILE2,6
CHSIZ K.MALLOC,0
TOPER 3,60/3,60/3,C.MOVBLK,K.FILE2,4,K.FILE2,4
CHSIZ K.MALLOC,0

3.2 SOURCE BLOCK IN AP

DOPER C.CHMPRO,K.SELF,3,K.FILE2,0,TEMP+10,0,K.FILE2
TOPER 3,60/3,60/2,C.MOVBLK,K.FILE2,0,K.FILE2,6
CHSIZ K.MALLOC,0
SAY (CREATE ERROR MOVING BETWEEN FILES ON ONE AB)

CREATE FILE WITH DISCORDANT BLOCK SIZE

TOPER 1,,,C.CFILE,K.MALLOC,K.FILE3,3,SHAPES3
CHSIZ K.MALLOC,L3FD

3.3 NO SOURCE BLOCK

TOPER 3,60/3,60/3,C.MOVBLK,K.FILE3,0,K.FILE2,0
CHSIZ K.MALLOC,0
TOPER 1,,,C.CBLK,K.FILE3,0
SAY (CREATED ADDR 0 ON FILE3)
CHSIZ K.MALLOC,2*L3PB+L3DB

3.4 BLOCK SIZE MISMATCH

TOPER 3,60/3,60/4,C.MOVBLK,K.FILE3,0,K.FILE2,32
CHSIZ K.MALLOC,0

3.2 BLOCK IN MAP

TOPER 3,60/3,60/2,C.MOVBLK,K.FILE2,0,K.FILE1,0
CHSIZ K.MALLOC,0

4451 000000000000000000045

DOPER

C.MAPZRO,K.SELF,3,K.FILE2

*
*
*

DELETE THE FILES

4455 000000000000000000104

ASIZE

4462 000000000000000000042

F1000

TOPER

1,,C.DELBLK,K.FILE1,0

4516 000000000000000000104

ASIZE

4523 000000000000000000043

F1001

TOPER

1,,C.DELFIL,K.FILE1

4556 000000000000000000104

ASIZE

4563 000000000000000000042

F1002

TOPER

1,,C.DELBLK,K.FILE2,0

4617 000000000000000000104

ASIZE

4624 000000000000000000042

F1003

TOPER

1,,C.DELBLK,K.FILE2,16

4660 000000000000000000104

ASIZE

4665 000000000000000000043

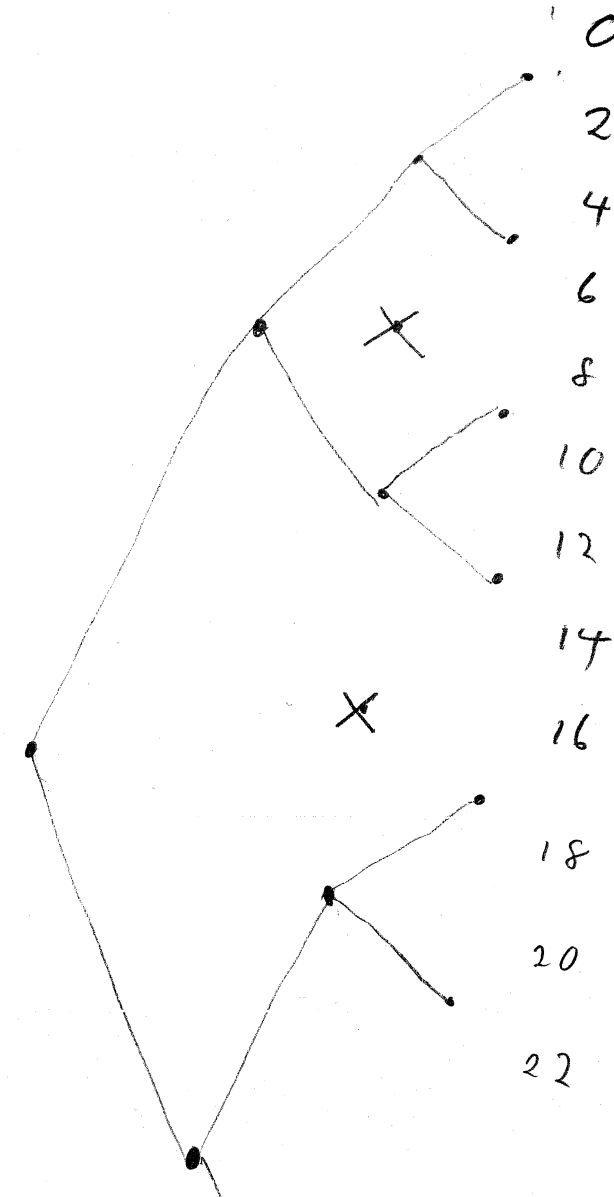
F1004

TOPER

1,,C.DELFIL,K.FILE2

4720 000000000000000000104

ASIZE



FAST TEST OF FILE STUFF
CREATE SOME FILES

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1663 5110000000 X
63110

1664 0210000000

1665 00000000000000000016
7321

*
SAL
SPL
JP
HERE
TRAILER
END
EXRETLINK
X1
R1
SELF

42525

STORAGE USED
6600 ASSEMBLY

14333 STATEMENTS
59.542 SECONDS

1234 SYMBOLS
2332 REFERENCES

001054 INVENTED SYMBOLS

FAST TEST OF FILE STUFF
SYMBOLIC REFERENCE TABLE.

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CALLBEAD	1672	PROGRAM*	3/17	3/31	3/45	4/06	4/23	4/36	4/48	5/09
			3/17	3/35	3/45	4/06	4/23	4/40	4/49	5/11
			3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/17	3/35	3/47	4/06	4/23	4/40	4/53	5/11
			3/19	3/35	3/48	4/11	4/24	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/41	4/53	5/13
			3/23	3/40	3/48	4/11	4/29	4/42	5/01	5/13
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/23	3/40	4/01	4/13	4/29	4/42	5/07	5/13
			3/25	3/41	4/03	4/21	4/30	4/42	5/07	5/15
			3/29	3/41	4/03	4/21	4/35	4/44	5/07	5/15
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/29	3/45	4/05	4/22	4/35	4/48	5/09	6/07 L
CVTOUT	0	EXTERNAL*	3/15	3/31	4/05	4/24	4/41	5/01	5/10	5/16
			3/19	3/47	4/13	4/30	4/44	5/06	5/12	
			3/25	4/01	4/22	4/36	4/49	5/08	5/14	
C.CBLK	11		3/28	3/51	4/41					
C.CFILE	10		3/16	3/22	4/34					
C.CHMPRO	123		4/27							
C.CRALBK	64		2/16							
C.DELBLK	42		5/06	5/10	5/12					
C.DELFIL	43		5/08	5/14						
C.DONATE	63		2/17							
C.DSPAB	104		3/14	3/31	4/05	4/24	4/41	5/01	5/09	5/15
			3/19	3/47	4/13	4/30	4/44	5/05	5/11	
			3/25	4/01	4/22	4/36	4/49	5/07	5/13	
C.ESMLOC	26		3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
C.JUMP	52		3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
C.MAPZRO	45		5/01							
C.MODPC	65		3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
C.MOVBLK	50		3/44	4/10	4/22	4/39	4/52			
			4/02	4/20	4/28	4/47				
C.MOVMT	130		2/12	2/18						

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C.RESTOR 17

2/12	3/24	3/41	4/03	4/21	4/36	4/49	5/11
3/08	3/25	3/41	4/04	4/22	4/36	4/53	5/11
3/09	3/25	3/41	4/05	4/22	4/40	4/53	5/12
3/10	3/29	3/45	4/05	4/23	4/40	4/53	5/13
3/11	3/29	3/45	4/06	4/23	4/40	4/53	5/13
3/12	3/29	3/45	4/06	4/23	4/40	5/01	5/13
3/13	3/29	3/45	4/06	4/23	4/41	5/01	5/13
3/14	3/30	3/46	4/06	4/24	4/41	5/06	5/14
3/15	3/31	3/47	4/10	4/24	4/42	5/07	5/15
3/17	3/31	3/47	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/43	5/08	5/16
3/18	3/35	3/48	4/12	4/30	4/44	5/09	6/07
3/19	3/36	3/53	4/13	4/30	4/44	5/09	
3/19	3/40	4/01	4/13	4/31	4/48	5/09	
3/23	3/40	4/01	4/17	4/35	4/48	5/09	
3/23	3/40	4/03	4/21	4/35	4/48	5/10	
3/23	3/40	4/03	4/21	4/35	4/48	5/11	
3/23	3/41	4/03	4/21	4/35	4/49	5/11	

C.RETURN 30

C.RFILE 3

C.SAVE 16

2/12	3/24	3/41	4/03	4/21	4/36	4/49	5/11
3/08	3/25	3/41	4/04	4/22	4/36	4/53	5/11
3/09	3/25	3/41	4/05	4/22	4/40	4/53	5/12
3/10	3/29	3/45	4/05	4/23	4/40	4/53	5/13
3/11	3/29	3/45	4/06	4/23	4/40	4/53	5/13
3/12	3/29	3/45	4/06	4/23	4/40	5/01	5/13
3/13	3/29	3/45	4/06	4/23	4/41	5/01	5/13
3/14	3/30	3/46	4/06	4/24	4/41	5/06	5/14
3/15	3/31	3/47	4/10	4/24	4/42	5/07	5/15
3/17	3/31	3/47	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
3/17	3/35	3/48	4/11	4/29	4/43	5/08	5/16
3/18	3/35	3/48	4/12	4/30	4/44	5/09	6/06
3/19	3/36	3/53	4/13	4/30	4/44	5/09	
3/19	3/40	4/01	4/13	4/31	4/48	5/09	
3/23	3/40	4/01	4/17	4/35	4/48	5/09	
3/23	3/40	4/03	4/21	4/35	4/48	5/10	
3/23	3/40	4/03	4/21	4/35	4/48	5/11	
3/23	3/41	4/03	4/21	4/35	4/49	5/11	

C.TRDB 116

C.WFILE 4

3/24	3/40	3/47	4/05
3/39	4/01		

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SYMBOLIC REFERENCE TABLE.

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ERR	0	EXTERNAL*	2/12	3/25	3/41	4/03	4/21	4/35	4/48	5/09
			2/12	3/25	3/41	4/03	4/21	4/35	4/48	5/09
			2/13	3/29	3/41	4/03	4/21	4/35	4/48	5/09
			2/17	3/29	3/41	4/03	4/21	4/35	4/48	5/09
			2/18	3/29	3/41	4/03	4/21	4/35	4/48	5/09
			2/19	3/29	3/41	4/03	4/21	4/35	4/48	5/09
			3/08	3/29	3/41	4/03	4/21	4/35	4/48	5/10
			3/08	3/29	3/41	4/03	4/21	4/35	4/49	5/10
			3/09	3/29	3/41	4/04	4/22	4/36	4/49	5/10
			3/09	3/29	3/41	4/04	4/22	4/36	4/49	5/11
			3/10	3/29	3/45	4/05	4/22	4/36	4/49	5/11
			3/10	3/29	3/45	4/05	4/22	4/36	4/49	5/11
			3/11	3/29	3/45	4/05	4/22	4/36	4/53	5/11
			3/11	3/29	3/45	4/05	4/23	4/40	4/53	5/11
			3/12	3/29	3/45	4/05	4/23	4/40	4/53	5/11
			3/12	3/29	3/45	4/06	4/23	4/40	4/53	5/11
			3/13	3/29	3/45	4/06	4/23	4/40	4/53	5/11
			3/13	3/29	3/45	4/06	4/23	4/40	4/53	5/11
			3/14	3/29	3/45	4/06	4/23	4/40	4/53	5/11
			3/14	3/30	3/45	4/06	4/23	4/40	4/53	5/11
			3/15	3/30	3/45	4/06	4/23	4/40	4/53	5/11
			3/15	3/31	3/45	4/06	4/23	4/40	4/53	5/11
			3/15	3/31	3/45	4/06	4/23	4/40	4/53	5/11
			3/17	3/31	3/45	4/06	4/23	4/40	4/53	5/11
			3/17	3/31	3/45	4/06	4/23	4/40	4/53	5/11
			3/17	3/31	3/45	4/06	4/23	4/40	4/53	5/11
			3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/12
			3/17	3/35	3/46	4/06	4/23	4/40	4/53	5/12
			3/17	3/35	3/46	4/06	4/23	4/40	4/53	5/12
			3/17	3/35	3/47	4/06	4/23	4/40	5/01	5/13
			3/17	3/35	3/47	4/06	4/24	4/41	5/01	5/13
			3/17	3/35	3/47	4/06	4/24	4/41	5/01	5/13
			3/17	3/35	3/47	4/10	4/24	4/41	5/01	5/13
			3/17	3/35	3/47	4/10	4/24	4/41	5/01	5/13
			3/17	3/35	3/48	4/11	4/24	4/41	5/02	5/13
			3/17	3/35	3/48	4/11	4/28	4/42	5/06	5/13
			3/17	3/35	3/48	4/11	4/29	4/42	5/06	5/13
			3/17	3/35	3/48	4/11	4/29	4/42	5/06	5/13
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/13
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/13
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	5/13
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	5/13
			3/19	3/35	3/48	4/11	4/29	4/42	5/07	5/13
			3/19	3/36	3/48	4/11	4/29	4/42	5/07	5/13
			3/19	3/36	3/48	4/11	4/29	4/42	5/07	5/13
			3/19	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/19	3/40	3/48	4/11	4/29	4/42	5/07	5/14
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/14
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/14
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/15
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/15
			3/23	3/40	3/52	4/12	4/29	4/42	5/07	5/15
			3/23	3/40	3/53	4/12	4/29	4/43	5/07	5/15

FAST TEST OF FILE STUFF
SYMBOLIC REFERENCE TABLE.

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			3/23	3/40	3/53	4/13	4/30	4/43	5/07	5/15
			3/23	3/40	4/01	4/13	4/30	4/44	5/07	5/15
			3/23	3/40	4/01	4/13	4/30	4/44	5/08	5/15
			3/23	3/40	4/01	4/13	4/30	4/44	5/08	5/15
			3/23	3/40	4/01	4/13	4/30	4/44	5/08	5/15
			3/23	3/40	4/01	4/17	4/31	4/44	5/09	5/15
			3/23	3/40	4/02	4/17	4/31	4/48	5/09	5/15
			3/23	3/40	4/03	4/21	4/35	4/48	5/09	5/15
			3/23	3/40	4/03	4/21	4/35	4/48	5/09	5/15
			3/23	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/23	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/24	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/24	3/41	4/03	4/21	4/35	4/48	5/09	5/15
			3/25	3/41	4/03	4/21	4/35	4/48	5/09	5/16
			3/25	3/41	4/03	4/21	4/35	4/48	5/09	5/16
			3/25	3/41	4/03	4/21	4/35	4/48	5/09	5/16
ERRJP	0	EXTERNAL*	3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
F10	117	PROGRAM*	3/17 L	3/17						
F100	737	PROGRAM*	4/21 L	4/21						
F1000	1500	PROGRAM*	5/07 L	5/07						
F1001	1527	PROGRAM*	5/09 L	5/09						
F1002	1556	PROGRAM*	5/11 L	5/11						
F1003	1605	PROGRAM*	5/13 L	5/13						
F1004	1634	PROGRAM*	5/15 L	5/15						
F101	1011	PROGRAM*	4/23 L	4/23						
F110	1066	PROGRAM*	4/29 L	4/29						
F120	1147	PROGRAM*	4/35 L	4/35						
F121	1213	PROGRAM*	4/40 L	4/40						
F122	1265	PROGRAM*	4/42 L	4/42						
F123	1340	PROGRAM*	4/48 L	4/48						
F124	1412	PROGRAM*	4/53 L	4/53						
F20	172	PROGRAM*	3/23 L	3/23						
F30	245	PROGRAM*	3/29 L	3/29						
F40	320	PROGRAM*	3/35 L	3/35						
F50	351	PROGRAM*	3/40 L	3/40						
F51	367	PROGRAM*	3/41 L	3/41						
F60	411	PROGRAM*	3/45 L	3/45						
F61	464	PROGRAM*	3/48 L	3/48						
F70	551	PROGRAM*	4/03 L	4/03						
F71	624	PROGRAM*	4/06 L	4/06						
F80	655	PROGRAM*	4/11 L	4/11						
K.BEAD	146		6/07							
K.FALLOC	155		2/17	2/18	2/19					
K.FILE	151		6/07							
K.FILE1	213		3/17	3/35	3/41	3/52	4/03	5/07		
			3/29	3/40	3/45	4/02	4/53	5/09		
K.FILE2	214		3/23	4/03	4/11	4/23	4/28	4/40	5/02	5/15
			3/45	4/06	4/21	4/23	4/29	4/48	5/11	
			3/48	4/11	4/21	4/28	4/29	4/53	5/13	
K.FILE3	220		4/35	4/40	4/42	4/48				

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K.MALLOC	145		2/13	2/19	3/19	3/31	4/05	4/24	4/36	4/49
			2/17	3/15	3/23	3/47	4/13	4/30	4/41	5/01
			2/18	3/17	3/25	4/01	4/22	4/35	4/44	
K.SELF	150		3/17	3/35	3/48	4/11	4/29	4/48	5/09	5/15
			3/17	3/40	3/48	4/21	4/35	4/48	5/09	
			3/23	3/40	4/03	4/21	4/35	4/53	5/11	
			3/23	3/41	4/03	4/23	4/40	4/53	5/11	
			3/29	3/41	4/06	4/23	4/40	5/02	5/13	
			3/29	3/45	4/06	4/28	4/42	5/07	5/13	
			3/35	3/45	4/11	4/29	4/42	5/07	5/15	
L1DB	4		2/24 D	3/31	3/47	4/01	4/05			
L1FD	6		2/23 D	3/19						
L3DB	12		2/30 D	4/44						
L3FD	10		2/28 D	4/36						
L3PB	7		2/29 D	4/44						
L37DB	4		2/27 D	3/47	4/05	4/13				
L37FD	52		2/25 D	3/25						
L37PB	5		2/26 D	3/47	4/05					
MASK	0	EXTERNAL*	3/17	3/35	3/45	4/06	4/23	4/40	4/53	5/11
			3/23	3/40	3/48	4/11	4/29	4/42	5/07	5/13
			3/29	3/41	4/03	4/21	4/35	4/48	5/09	5/15
NEWBLK	1700	PROGRAM*	6/07 L							
PACK	0	EXTERNAL*	2/12	3/23	3/40	4/03	4/17	4/35	4/48	5/11
			3/08	3/24	3/41	4/03	4/21	4/35	4/48	5/11
			3/09	3/25	3/41	4/03	4/21	4/35	4/48	5/11
			3/10	3/29	3/41	4/03	4/21	4/35	4/49	5/11
			3/11	3/29	3/41	4/04	4/21	4/36	4/53	5/13
			3/12	3/29	3/45	4/05	4/22	4/40	4/53	5/13
			3/13	3/29	3/45	4/06	4/23	4/40	4/53	5/13
			3/14	3/30	3/45	4/06	4/23	4/40	4/53	5/13
			3/17	3/31	3/45	4/06	4/23	4/40	5/01	5/15
			3/17	3/35	3/46	4/06	4/23	4/41	5/07	5/15
			3/17	3/35	3/47	4/10	4/24	4/42	5/07	5/15
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	
			3/19	3/36	3/48	4/11	4/29	4/42	5/09	
			3/23	3/40	3/48	4/11	4/29	4/43	5/09	
			3/23	3/40	3/53	4/12	4/30	4/44	5/09	
			3/23	3/40	4/01	4/13	4/31	4/48	5/09	
			2/32 D	2/34	3/23					
P.SCRL	50		6/07 L							
READSELF	1673	PROGRAM*	6/07	6/07						
REGSAVE	0	EXTERNAL*	3/17	3/35	3/45	4/11	4/29	4/42	5/09	5/15
RESTREG	1667	PROGRAM*	3/17	3/35	3/48	4/11	4/29	4/48	5/09	5/15
			3/17	3/40	3/48	4/11	4/35	4/48	5/09	6/07 L
			3/23	3/40	3/48	4/21	4/35	4/48	5/11	
			3/23	3/40	4/03	4/21	4/35	4/53	5/11	
			3/23	3/41	4/03	4/21	4/40	4/53	5/11	
			3/29	3/41	4/03	4/23	4/40	4/53	5/13	
			3/29	3/41	4/06	4/23	4/40	5/07	5/13	
			3/29	3/45	4/06	4/23	4/42	5/07	5/13	
			3/35	3/45	4/06	4/29	4/42	5/07	5/15	
RETLINK	0	EXTERNAL*	6/02							

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RETURN	1671	PROGRAM*	6/07 L							
SAVEREG	1665	PROGRAM*	3/17	3/35	3/45	4/11	4/29	4/42	5/09	5/15
			3/17	3/35	3/48	4/11	4/29	4/48	5/09	5/15
			3/17	3/40	3/48	4/11	4/35	4/48	5/09	6/06 L
			3/23	3/40	3/48	4/21	4/35	4/48	5/11	
			3/23	3/40	4/03	4/21	4/35	4/53	5/11	
			3/23	3/41	4/03	4/21	4/40	4/53	5/11	
			3/29	3/41	4/03	4/23	4/40	4/53	5/13	
			3/29	3/41	4/06	4/23	4/40	5/07	5/13	
			3/29	3/45	4/06	4/23	4/42	5/07	5/13	
			3/35	3/45	4/06	4/29	4/42	5/07	5/15	
SHAPES	2672	PROGRAM*	2/33 L	3/17	3/23					
SHAPES3	2740	PROGRAM*	2/36 L	4/35						
START	0	EXTERNAL*	3/17 S	3/35 S	3/48 S	4/11 S	4/35 S	4/48 S	5/11 S	
			3/17 S	3/40 S	3/48 S	4/21 S	4/35 S	4/53 S	5/11 S	
			3/23 S	3/40 S	4/03 S	4/21 S	4/40 S	4/53 S	5/13 S	
			3/23 S	3/41 S	4/03 S	4/23 S	4/40 S	5/07 S	5/13 S	
			3/29 S	3/41 S	4/06 S	4/23 S	4/42 S	5/07 S	5/15 S	
			3/29 S	3/45 S	4/06 S	4/29 S	4/42 S	5/09 S	5/15 S	
			3/35 S	3/45 S	4/11 S	4/29 S	4/48 S	5/09 S	6/07	
TEMP	0	EXTERNAL*	2/13 S	3/25 S	3/45 S	4/05 S	4/23 S	4/36	4/49	5/09 S
			2/17 S	3/29 S	3/46	4/06 S	4/23 S	4/36	4/49 S	5/10 S
			2/18 S	3/29 S	3/47	4/06 S	4/23 S	4/40 S	4/49	5/10
			2/19 S	3/29 S	3/47 S	4/06 S	4/24	4/40 S	4/49	5/11 S
			3/15 S	3/29 S	3/47	4/06 S	4/24 S	4/40 S	4/53 S	5/11 S
			3/15 S	3/30	3/47	4/11 S	4/24	4/40 S	4/53 S	5/11 S
			3/15 S	3/31	3/48 S	4/11 S	4/24	4/40	4/53 S	5/11 S
			3/15 S	3/31 S	3/48 S	4/11 S	4/28	4/41	4/53 S	5/12 S
			3/17 S	3/31	3/48 S	4/11 S	4/28 S	4/41 S	4/53	5/12
			3/17 S	3/35 S	3/52 S	4/13	4/29 S	4/41	5/01	5/13 S
			3/17 S	3/35 S	3/53	4/13 S	4/29 S	4/42 S	5/01	5/13 S
			3/18	3/35 S	4/01	4/13	4/29 S	4/42 S	5/01	5/13 S
			3/19	3/35 S	4/01 S	4/13	4/29	4/42 S	5/02 S	5/14 S
			3/19 S	3/40 S	4/01	4/21 S	4/30	4/42 S	5/06 S	5/14
			3/19	3/40 S	4/01	4/21 S	4/30 S	4/43	5/06	5/15 S
			3/19	3/40 S	4/02 S	4/21 S	4/30	4/44	5/07 S	5/15 S
			3/23 S	3/40 S	4/03 S	4/21 S	4/30	4/44 S	5/07 S	5/15 S
			3/23 S	3/41 S	4/03 S	4/21	4/35 S	4/44	5/07 S	5/15 S
			3/23 S	3/41 S	4/03 S	4/22	4/35 S	4/44	5/07 S	5/16 S
			3/24	3/41 S	4/04	4/22	4/35 S	4/48 S	5/08	5/16
			3/25	3/45 S	4/05	4/22	4/35	4/48 S	5/09 S	
			3/25 S	3/45 S	4/05 S	4/23 S	4/36	4/48 S	5/09 S	
TEST1	0	PROGRAM*	2/09 F	2/10 L						

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TYPEOUT	0	EXTERNAL*	2/12	3/23	3/40	4/03	4/17	4/35	4/48	5/11
			3/08	3/24	3/41	4/03	4/21	4/35	4/48	5/11
			3/09	3/25	3/41	4/03	4/21	4/35	4/48	5/11
			3/10	3/29	3/41	4/03	4/21	4/35	4/49	5/11
			3/11	3/29	3/41	4/04	4/21	4/36	4/53	5/13
			3/12	3/29	3/45	4/05	4/22	4/40	4/53	5/13
			3/13	3/29	3/45	4/06	4/23	4/40	4/53	5/13
			3/14	3/30	3/45	4/06	4/23	4/40	4/53	5/13
			3/17	3/31	3/45	4/06	4/23	4/40	5/01	5/15
			3/17	3/35	3/46	4/06	4/23	4/41	5/07	5/15
			3/17	3/35	3/47	4/10	4/24	4/42	5/07	5/15
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	
			3/19	3/36	3/48	4/11	4/29	4/42	5/09	
			3/23	3/40	3/48	4/11	4/29	4/43	5/09	
			3/23	3/40	3/53	4/12	4/30	4/44	5/09	
			3/23	3/40	4/01	4/13	4/31	4/48	5/09	

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XPACK	0	EXTERNAL*	2/12	3/23	3/41	4/03	4/21	4/35	4/48	5/09
			2/12	3/24	3/41	4/03	4/21	4/35	4/48	5/10
			3/08	3/24	3/41	4/03	4/21	4/35	4/48	5/10
			3/08	3/25	3/41	4/03	4/21	4/35	4/48	5/11
			3/09	3/25	3/41	4/03	4/21	4/35	4/49	5/11
			3/09	3/25	3/41	4/04	4/21	4/36	4/49	5/11
			3/10	3/25	3/41	4/04	4/22	4/36	4/49	5/11
			3/10	3/29	3/41	4/05	4/22	4/36	4/49	5/11
			3/11	3/29	3/45	4/05	4/22	4/36	4/53	5/11
			3/11	3/29	3/45	4/05	4/22	4/40	4/53	5/11
			3/12	3/29	3/45	4/05	4/23	4/40	4/53	5/11
			3/12	3/29	3/45	4/06	4/23	4/40	4/53	5/12
			3/12	3/29	3/45	4/06	4/23	4/40	4/53	5/12
			3/12	3/29	3/45	4/06	4/23	4/40	4/53	5/12
			3/13	3/29	3/45	4/06	4/23	4/40	4/53	5/13
			3/14	3/29	3/45	4/06	4/23	4/40	4/53	5/13
			3/14	3/30	3/45	4/06	4/23	4/40	4/53	5/13
			3/15	3/30	3/46	4/06	4/23	4/40	5/01	5/13
			3/15	3/31	3/46	4/06	4/23	4/41	5/01	5/13
			3/17	3/31	3/47	4/06	4/24	4/41	5/01	5/13
			3/17	3/31	3/47	4/10	4/24	4/41	5/01	5/13
			3/17	3/31	3/47	4/10	4/24	4/41	5/06	5/13
			3/17	3/35	3/47	4/11	4/24	4/42	5/06	5/14
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/14
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/17	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/18	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/19	3/35	3/48	4/11	4/29	4/42	5/07	5/15
			3/19	3/36	3/48	4/12	4/29	4/43	5/07	5/15
			3/19	3/36	3/53	4/12	4/30	4/43	5/08	5/15
			3/19	3/40	3/53	4/13	4/30	4/44	5/08	5/16
			3/23	3/40	4/01	4/13	4/30	4/44	5/09	5/16
			3/23	3/40	4/01	4/13	4/30	4/44	5/09	
			3/23	3/40	4/01	4/13	4/31	4/44	5/09	
			3/23	3/40	4/01	4/17	4/31	4/48	5/09	
			3/23	3/40	4/03	4/17	4/35	4/48	5/09	
			3/23	3/40	4/03	4/21	4/35	4/48	5/09	
			3/23	3/40	4/03	4/21	4/35	4/48	5/09	