

TEST OF TIMING
STORAGE ALLOCATION.

COMPASS - VER 2.

01/03/71 01.05.18.

PAGE 1

ADDRESS LENGTH

0 3572
3572

BINARY CONTROL CARDS.

IDENT TTIME1
END

BLOCKS	TYPE	ADDRESS	LENGTH
PROGRAM*	LOCAL	0	3022
LITERALS*	LOCAL	3022	2
CHARS	LOCAL	3024	61
PARAS	LOCAL	3105	460
PARAMS	LOCAL	3565	5

ENTRY POINTS.

TTIME1 - 0 TEST1 - 0

EXTERNAL SYMBOLS.

START	TESTN	TEMP	PACK	ERR
REGSAVE	CVTOUT	TYPEOUT	XPACK	

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IDENT      TTIME1
*          BOOKKEEPING
*
*
0          TMACROS  XTTEXT
0          OPNAMES  XTTEXT
0          CLIST    XTTEXT
0 46000     ENTRY   TTIME1,TEST1
0          TEST1    NO
0          TTIME1   EQU    TEST1
0          TIME     MACRO  P1,P2,P3,P4,P5,P6,P7,P8,P9,P10,P11,P12,P13,P14,P15,P
,16,P17,P18,P19,P20
LOCAL      OLOOP,ILOOP
SB2        14      STOP AT 2*14 ITERATIONS
SB1        9      START AT 2*9 ITERATIONS
OLOOP      SX2     1
LX2        B1,X2
BX7        X2      SET TALLY FOR PRINTING
SA7        =XTEMP+100
DOPER      C,DSPCLX,TEMP+2
ILOOP      DOPER   P1,P2,P3,P4,P5,P6,P7,P8,P9,P10,P11,P12,P13,P14,P15,P
,16,P17,P18,P19,P20
SX2        X2-1
NZ         X2,ILOOP
DOPER      C,DSPCLX,TEMP+7
SA7        ( )
SA3        TEMP+3
SA4        TEMP+8
IX7        X4=X3
AX7        B1,X7
SA7        TEMP+101
SA3        TEMP+4
SA4        TEMP+9
IX7        X4=X3
AX7        B1,X7
SA7        TEMP+102
SA3        TEMP+5
SA4        TEMP+10 CALC SWAP TIME
IX7        X4=X3
SA7        TEMP+103
DUMP       TEMP+100,4
SB1        B1+1
LE         B1,B2,OLOOP      MORE
SA7        ( )
TIME       ENDM
SA7        (TIME FOR NOP (DISPLAY USER CLOCKS))
TIME       C,DSPCLX,TEMP+7
DOPER      C,CFILE,K,MALLOC,K,FILE1,4,SHAPE1
USE        PARAMS
VFD        60/2,60/2,60/2,60/1

3024 24111505550617225516
10 6120000016
3133 000000000000000000010
3565 000000000000000000002
3566 000000000000000000002
3567 000000000000000000002
3570 000000000000000000001

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3140	000000000000000000011	USE	*
3143	000000000000000000011	DOPER	C.CBLK,K.FILE1,0
3146	000000000000000000011	DOPER	C.CBLK,K.FILE1,1
3151	000000000000000000011	DOPER	C.CBLK,K.FILE1,2
3154	000000000000000000011	DOPER	C.CBLK,K.FILE1,3
3157	000000000000000000011	DOPER	C.CBLK,K.FILE1,4
3162	000000000000000000011	DOPER	C.CBLK,K.FILE1,5
3165	000000000000000000011	DOPER	C.CBLK,K.FILE1,6
3032	06111405552722112405	DOPER	C.CBLK,K.FILE1,7
122	6120000016	SAY	(FILE WRITE (2,2,2,1), 1 WORD)
3037	06111405552722112405	TIME	C.WFILE,K.FILE1,0,=1,1
201	6120000016	SAY	(FILE WRITE (2,2,2,1), 8 WORDS)
3252	000000000000000000042	TIME	C.WFILE,K.FILE1,0,=1,8
3255	000000000000000000042	DOPER	C.DELBLK,K.FILE1,0
3260	000000000000000000042	DOPER	C.DELBLK,K.FILE1,1
3263	000000000000000000042	DOPER	C.DELBLK,K.FILE1,2
3266	000000000000000000042	DOPER	C.DELBLK,K.FILE1,3
3271	000000000000000000042	DOPER	C.DELBLK,K.FILE1,4
3274	000000000000000000042	DOPER	C.DELBLK,K.FILE1,5
3277	000000000000000000042	DOPER	C.DELBLK,K.FILE1,6
3302	000000000000000000043	DOPER	C.DELBLK,K.FILE1,7
3304	000000000000000000010	DOPER	C.DELFIL,K.FILE1
		DOPER	C.CFILE,K.MALLOC,K.FILE1,1,SHAPE2
3571	000000000000000000010	USE	PARAMS
		VFD	60/8
		USE	*
3311	000000000000000000011	DOPER	C.CBLK,K.FILE1,0
3045	06111405552722112405	SAY	(FILE WRITE (8), 1 WORD)
321	6120000016	TIME	C.WFILE,K.FILE1,0,=1,1
3052	06111405552722112405	SAY	(FILE WRITE (8), 8 WORDS)
400	6120000016	TIME	C.WFILE,K.FILE1,0,=1,8
3376	000000000000000000010	DOPER	C.CFILE,K.MALLOC,K.FILE1,1,=1008
3403	000000000000000000011	DOPER	C.CBLK,K.FILE1,0
3057	22050104550611140555	SAY	(READ FILE (100), 100 WORDS)
465	6120000016	TIME	C.RFILE,K.FILE1,0,PLAY,1008
3064	27221124055506111405	SAY	(WRITE FILE (100), 100 WORDS)
544	6120000016	TIME	C.WFILE,K.FILE1,0,PLAY,1008
3071	20252455230115055506	SAY	(PUT SAME FILE BLOCK IN MAP, RO)
623	6120000016	TIME	C.CHMPRO,K.SELF,3,K.FILE1,0,PLAY,1008,K.FILE1
3077	20252455230115055506	SAY	(PUT SAME FILE BLOCK IN MAP, RW)
702	6120000016	TIME	C.CHMPRW,K.SELF,3,K.FILE1,0,PLAY,1008,K.FILE1
3560	000000000000000000042	DOPER	C.DELBLK,K.FILE1,0
3563	000000000000000000043	DOPER	C.DELFIL,K.FILE1
760	0200000000 X	Jp	=XTSTN
761		BSS	1000
		HERE	
2731	000000000000000000016	TRAILER	SELF
3572		END	

37360

STORAGE USED
6600 ASSEMBLY4471 STATEMENTS
17.637 SECONDS399 SYMBOLS
619 REFERENCES

000231 INVENTED SYMBOLS

TEST OF TIMING
SYMBOLIC REFERENCE TABLE.

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CALLBEAD	2736	PROGRAM*	3/48 L								
CVTOUT	0	EXTERNAL*	2/48	3/14	3/32	3/38	3/42				
			3/12	3/30	3/36	3/40					
C.CBLK	11		3/02	3/04	3/06	3/08	3/27				
			3/03	3/05	3/07	3/09	3/33				
C.CFILE	10		2/48	3/23	3/32						
C.CHMPRO	123		3/40								
C.CHMPRW	122		3/42								
C.DELBLK	42		3/14	3/16	3/18	3/20	3/42				
			3/15	3/17	3/19	3/21					
C.DELFIL	43		3/22	3/43							
C.DSPCLX	102		2/48	3/12	3/14	3/32	3/36	3/40	3/42		
			2/48	3/12	3/30	3/32	3/38	3/40			
			2/48	3/14	3/30	3/36	3/38	3/42			
C.RESTOR	17		2/47	3/12	3/14	3/30	3/35	3/38	3/40	3/42	
			2/48	3/12	3/14	3/31	3/36	3/38	3/40	3/48	
			2/48	3/12	3/29	3/32	3/36	3/38	3/41		
			2/48	3/13	3/30	3/32	3/36	3/39	3/42		
			3/11	3/14	3/30	3/32	3/37	3/40	3/42		
C.RETURN	30		3/48								
C.RFILE	3		3/36	3/48							
C.SAVE	16		2/47	3/12	3/14	3/30	3/35	3/38	3/40	3/42	
			2/48	3/12	3/14	3/31	3/36	3/38	3/40	3/47	
			2/48	3/12	3/29	3/32	3/36	3/38	3/41		
			2/48	3/13	3/30	3/32	3/36	3/39	3/42		
			3/11	3/14	3/30	3/32	3/37	3/40	3/42		
C.WFILE	4		3/12	3/14	3/30	3/32	3/38				
ERR	0	EXTERNAL*	2/47	3/07	3/13	3/21	3/31	3/36	3/38	3/42	
			2/47	3/08	3/14	3/22	3/31	3/36	3/38	3/42	
			2/48	3/09	3/14	3/23	3/32	3/36	3/38	3/42	
			2/48	3/10	3/14	3/24	3/32	3/36	3/39	3/42	
			2/48	3/11	3/14	3/28	3/32	3/36	3/39	3/42	
			2/48	3/11	3/14	3/29	3/32	3/36	3/40	3/42	
			2/48	3/12	3/14	3/29	3/32	3/36	3/40	3/42	
			2/48	3/12	3/14	3/30	3/32	3/36	3/40	3/42	
			2/48	3/12	3/14	3/30	3/32	3/37	3/40	3/42	
			2/48	3/12	3/14	3/30	3/32	3/37	3/40	3/43	
			2/48	3/12	3/15	3/30	3/32	3/38	3/40	3/44	
			2/49	3/12	3/16	3/30	3/33	3/38	3/40		
			3/03	3/12	3/17	3/30	3/34	3/38	3/40		
			3/04	3/12	3/18	3/30	3/35	3/38	3/40		
			3/05	3/12	3/19	3/30	3/35	3/38	3/41		
			3/06	3/13	3/20	3/30	3/36	3/38	3/41		
K.BEAD	146		3/48								
K.FILE	151		3/48								
K.FILE1	213		2/49	3/07	3/14	3/19	3/24	3/34	3/42		
			3/03	3/08	3/15	3/20	3/28	3/36	3/42		
			3/04	3/09	3/16	3/21	3/30	3/38	3/43		
			3/05	3/10	3/17	3/22	3/32	3/40	3/44		
			3/06	3/12	3/18	3/23	3/33	3/40			
K.MALLOC	145		2/49	3/24	3/33						
K.SELF	150		3/40	3/42							
NEWBLK	2744	PROGRAM*	3/48 L								

TEST OF TIMING
SYMBOLIC REFERENCE TABLE.

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PACK	0	EXTERNAL*	2/47	3/12	3/14	3/31	3/36	3/38	3/41
			2/48	3/12	3/29	3/32	3/36	3/39	3/42
			2/48	3/13	3/30	3/32	3/37	3/40	3/42
			3/11	3/14	3/30	3/35	3/38	3/40	
PLAY	761	PROGRAM*	3/36	3/38	3/40	3/42	3/45 L		
READSELF	2737	PROGRAM*	3/48 L						
REGSAVE	0	EXTERNAL*	3/48	3/48					
RESTREG	2733	PROGRAM*	3/48 L						
RETURN	2735	PROGRAM*	3/48 L						
SAVEREG	2731	PROGRAM*	3/47 L						
SHAPE1	3565	PROGRAM*	2/49	2/50 L					
SHAPE2	3571	PROGRAM*	3/24	3/25 L					
START	0	EXTERNAL*	3/48						
TEMP	0	EXTERNAL*	3/48 S	3/06 S	3/14 S	3/20 S	3/30	3/36 S	3/38 S
			3/48	3/07 S	3/14	3/21 S	3/32 S	3/36 S	3/38
			3/48 S	3/08 S	3/14 S	3/22 S	3/32	3/36	3/38 S
			3/48	3/09 S	3/14 S	3/23 S	3/32 S	3/36 S	3/38
			3/48 S	3/10 S	3/14	3/24 S	3/32 S	3/36	3/38 S
			3/48	3/12 S	3/14 S	3/28 S	3/32	3/36 S	3/38
			3/48 S	3/12	3/14	3/30 S	3/32 S	3/36	3/40 S
			3/48	3/12 S	3/14 S	3/30	3/32	3/36 S	3/40
			3/48 S	3/12 S	3/14	3/30 S	3/32 S	3/36	3/40 S
			3/48	3/12	3/14 S	3/30 S	3/32	3/36 S	3/40 S
			3/48 S	3/12 S	3/14	3/30	3/32 S	3/36	3/40
			3/48	3/12	3/14 S	3/30 S	3/32	3/38 S	3/40 S
			3/48 S	3/12 S	3/14	3/30	3/32 S	3/38	3/40
			3/48	3/12	3/15 S	3/30 S	3/32	3/38 S	3/40 S
			3/49 S	3/12 S	3/16 S	3/30	3/33 S	3/38 S	3/40
			3/03 S	3/12	3/17 S	3/30 S	3/34 S	3/38	3/40 S
			3/04 S	3/12 S	3/18 S	3/30	3/36 S	3/38 S	3/40
			3/05 S	3/12	3/19 S	3/30 S	3/36	3/38	3/40 S
TESTN	0	EXTERNAL*	2/44						
TESTI	0	PROGRAM*	2/08 L	2/09 L	2/10				
TTIME1	0	PROGRAM*	2/08 E	2/10 D					
TYPEOUT	0	EXTERNAL*	2/47	3/12	3/14	3/31	3/36	3/38	3/41
			2/48	3/12	3/29	3/32	3/36	3/39	3/42
			2/48	3/13	3/30	3/32	3/37	3/40	3/42
			3/11	3/14	3/30	3/35	3/38	3/40	
XPACK	0	EXTERNAL*	2/47	3/11	3/14	3/30	3/32	3/36	3/38
			2/47	3/12	3/14	3/30	3/32	3/36	3/38
			2/48	3/12	3/14	3/30	3/32	3/36	3/39
			2/48	3/12	3/14	3/30	3/32	3/37	3/39
			2/48	3/12	3/14	3/30	3/35	3/37	3/40
			2/48	3/12	3/14	3/31	3/35	3/38	3/40
			2/48	3/12	3/29	3/31	3/36	3/38	3/40
			2/48	3/13	3/29	3/32	3/36	3/38	3/40
			3/11	3/13	3/30	3/32	3/36	3/38	3/40