

TEST OF CODE IN MISC
STORAGE ALLOCATION.

COMPASS - VER 2.

01/03/71 01.54.36.

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ADDRESS LENGTH

0 3531
3531

BINARY CONTROL CARDS.

IDENT TMISC1
END

BLOCKS	TYPE	ADDRESS	LENGTH
PROGRAM*	LOCAL	0	612
CHARS	LOCAL	612	337
PARAS	LOCAL	1151	725
CODE	LOCAL	2076	1433

ENTRY POINTS.

TEST1 - 0

EXTERNAL SYMBOLS.

REGSAVE	FL	MASK	CVTOUT	TYPEDOUT	XPACK
TESTN	ERRUP	START	TEMP	PACK	ERR

	IDENT	TMISC1
		BOOKKEEPING
0	TMACROS	XTEXT
0	OPNAMES	XTEXT
0	CLIST	XTEXT

TEST OF CODE IN MISC
TEST DISPLAY CLOCK OPERATION

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0	46000		ENTRY	TEST1
612	10052205551123552410	TEST1	NO	
10	6130000003 X		SAY	(HERE IS THE CLOCK AREA BEFORE AND AFTER)
	6120000007		Sr3	=XTEMP+3 PRINT THE AREA WITH THE CLOCKS
11	6170000012 +		Sr2	7
	0200000000 X		Sr7	BACK1
12	46000	BACK1	Ja	=XCVTOUT
1155	000000000000000000102	CK10	NO	
31	6130000003 X		TO PER	1,,,C.DSPCLX,=XTEMP+4
	6120000007		Sr3	=XTEMP+3
32	6170000033 +		Sr2	7
	0200000000 X		Sr7	BACK2
33	46000	BACK2	Ja	=XCVTOUT
			NO	
				2,2,1 BUFFER ADDRESS NEGATIVE
1210	000000000000000000102	CK20	TO PER	3,60/2,(42/-1,18/2),C.DSPCLX,-1
				2,3,1 BUFFER EXCEEDS USER FL
1243	000000000000000000102	CK30	TO PER	3,60/2,(42/1,18/3),C.DSPCLX,=XFL+695
1276	000000000000000000102	CK31	TO PER	1,,,C.DSPCLX,=XFL+694

```

*
*
*
707 10052205235524100555 SAY
1335 000000000000000000015 DOPER
1337 000000000000000000020 DOPER
137 5160000000 X SA6
5076000001 SA7
140 64360 SB3
6120000002 SB2
141 6170000142 + SB7
0200000000 X JB
=XCVTOUT

*
*
*
1341 00000000000000000103 CC10 TOPER
1376 000000000000000000020 DOPER
163 5160000000 X SA6
5076000001 SA7
164 64360 SB3
6120000002 SB2
165 6170000166 + SB7
0200000000 X JB
=XCVTOUT
BACKS
NO

*
*
*
1400 000000000000000000022 DOPER
1404 000000000000000000103 CC20 TOPER
1441 000000000000000000022 DOPER
1445 000000000000000000103 CC21 TOPER
C.MVECAP,K.CLSCD,K.CLSCD2,2B
1,,,C.NWTMP,K.CLSCD2,K.CLSCD2,22222B
C.MVECAP,K.CLSCD,K.CLSCD2,-2B
3,60/7,60/2,C.NWTMP,K.CLSCD2,K.CLSCD2,33333B

```

CREATE A NEW CLASS CODE AND DISPLAY IT

(HERES THE CLASS CODE BEFORE AND AFTER)

C.CCC,K.CLSCD
C.DSPCAP,K.CLSCD
=XTEMP
A6+1
A6
2
CC10
=XCVTOUT

SET THE TEMPORARY PART AND DISPLAY IT AGAIN

1,,,C.NWTMP,K.CLSCD,K.CLSCD2,11111B
C.DSPCAP,K.CLSCD2
=XTEMP
A6+1
A6
2
BACKS
=XCVTOUT

OPTION BIT TEST

C.MVECAP,K.CLSCD,K.CLSCD2,2B
1,,,C.NWTMP,K.CLSCD2,K.CLSCD2,22222B
C.MVECAP,K.CLSCD,K.CLSCD2,-2B
3,60/7,60/2,C.NWTMP,K.CLSCD2,K.CLSCD2,33333B

TEST OF CODE IN MISC
TEST CREATION OF CAPABILITY CREATION AUTHORIZATION

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PARAS

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1502	0000000000000000000113	CA10	TO PER	1,,,C,CAGEN,K.CPMK1
1535	0000000000000000000020		DO PER	C.DSPCAP,K.CPMK1
260	5160000000 X		SA6	=XTEMP
	50760000001		SA7	A6+1
261	0130001537 +		DUMP	TEMP:2
1543	0000000000000000000113	CA20	TO PER	1,,,C,CAGEN,K.CPMK2
1576	0000000000000000000020		DO PER	C.DSPCAP,K.CPMK2
310	5160000000 X		SA6	=XTEMP
	50760000001		SA7	A6+1
311	0130001600 +		DUMP	TEMP:2

TEST OF CODE IN MISC
NOW CREATE SOME CAPABILITIES OF SPECIFIED TYPE

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```

#
#
#
1604 000000000000000000114 CG10 T0PER 1,,,C,CGEN,K,SCRCH,K,CPMK1,404040B
1641 000000000000000000020 D0PER C,DSPCAP,K,SCRCH
340 5160000000 X SA6 =XTEMP
      5076000001 SA7 A6+1
341 0130001643 + DUMP TEMP,2
1647 000000000000000000114 CG20 T0PER 1,,,C,CGEN,K,SCRCH,K,CPMK2,676767B
1704 000000000000000000020 D0PER C,DSPCAP,K,SCRCH
370 5160000000 X SA6 =XTEMP
      5076000001 SA7 A6+1
371 0130001706 + DUMP TEMP,2
```

TEST OF CODE IN MISC
DISPLAY ALLOCATION BLOCK

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CHARS

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1055 04112320140131550102
406 6130000002 X
6120000007
407 6170000410 +
0200000000 X
410 46000
1716 00000000000000000104
427 6130000002 X
6120000007
430 6170000431 +
0200000000 X
431 46000

SAY
SR3
SR2
SR7
JP
NO
TO PER
SR3
SR2
SR7
JP
NO
BACK3
KLG10
BACK6

(DISPLAY AB AREA BEFORE AND AFTER)
=XTEMP+2
7
BACK3
=XCVTOUT
1,,,C.DSPAB,K.MALLOC,=XTEMP+3
=XTEMP+2
7
BACK6
=XCVTOUT

1752 00000000000000000104

KLG20 TO PER

2,2,1 BUFFER ADDRESS NEGATIVE

3,60/2,(42/-1,18/2),C.DSPAB,K.MALLOC,-1

2,3,1 BUFFER EXCEEDS FL

2006 00000000000000000104

KLG30 TO PER

1,,,C.DSPAB,K.MALLOC,=XFL+394

2042 00000000000000000104

KLG31 TO PER

3,60/2,(42/1,18/3),C.DSPAB,K.MALLOC,=XFL+395

520 0200000000 X

JP

=XTESTN

521 00000000000000000016

HERE

SELF

3531

TRAILER
END

37606

STORAGE USED
6600 ASSEMBLY

7565 STATEMENTS
29.066 SECONDS

688 SYMBOLS
1166 REFERENCES

000516 INVENTED SYMBOLS

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NAME	NO	TYPE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
BACK1	12	PROGRAM*	3/06	3/08 L					
BACK2	33	PROGRAM*	3/12	3/14 L					
BACK3	410	PROGRAM*	7/04	7/06 L					
BACK5	166	PROGRAM*	4/22	4/24 L					
BACK6	431	PROGRAM*	7/10	7/12 L					
CALLBEAD	526	PROGRAM*	3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
CA10	237	PROGRAM*	5/02 L	5/02					
CA20	267	PROGRAM*	5/07 L	5/07					
CC10	142	PROGRAM*	4/11	4/17 L	4/17				
CC20	172	PROGRAM*	4/30 L	4/30					
CC21	213	PROGRAM*	4/32 L	4/32					
CG10	317	PROGRAM*	6/05 L	6/05					
CG20	347	PROGRAM*	6/10 L	6/10					
CK10	13	PROGRAM*	3/10 L	3/10					
CK20	34	PROGRAM*	3/19 L	3/19					
CK30	60	PROGRAM*	3/23 L	3/23					
CK31	104	PROGRAM*	3/24 L	3/24					
CVTOUT	0	EXTERNAL*	3/07	4/12	5/06	6/09	7/05		
			3/13	4/23	5/11	6/14	7/11		
C.CAGEN	113		5/26	5/06					
C.CCC	15		4/05						
C.CGEN	114		6/04	6/09					
C.DSPAB	104		7/07	7/16	7/20	7/21			
C.DSPCAP	20		4/06	4/17	5/02	5/07	6/05	6/10	
C.DSPCLX	102		3/09	3/18	3/22	3/23			
C.ESMLOC	26		3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
C.JUMP	52		3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
C.MODPC	65		3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
C.MVECAP	22		4/28	4/30					
C.NWTMP	103		4/16	4/29	4/31				
C.RESTOR	17		3/04	3/23	4/17	4/32	5/07	6/10	7/08
			3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/10	3/23	4/17	4/32	5/07	6/10	7/17
			3/10	3/23	4/17	5/02	5/11	6/10	7/17
			3/10	3/24	4/30	5/02	6/05	6/14	7/17
			3/19	3/24	4/30	5/02	6/05	7/02	7/21
			3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/19	3/24	4/30	5/06	6/05	7/08	7/21
			3/19	4/05	4/32	5/07	6/09	7/08	7/21
C.RETURN	30		7/25						
C.RFILE	3		7/25						

TEST OF CODE IN MISC
SYMBOLIC REFERENCE TABLE.

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C.SAVE	16		3/04	3/23	4/17	4/32	5/07	6/10	7/08	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	5/02	5/11	6/10	7/17	7/22
			3/10	3/24	4/30	5/02	6/05	6/14	7/17	7/24
			3/19	3/24	4/30	5/02	6/05	7/02	7/21	
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
			3/19	3/24	4/30	5/06	6/05	7/08	7/21	
			3/19	4/05	4/32	5/07	6/09	7/08	7/21	
ERR	0	EXTERNAL*	3/04	3/19	4/05	4/30	5/02	6/05	7/08	7/21
			3/04	3/23	4/05	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/06	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/07	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/17	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/17	4/31	5/03	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/06	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/06	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/06	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/09	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/09	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/18	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/29	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/08	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/11	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/11	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/11	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/14	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/14	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/02	7/17	
			3/19	3/24	4/30	5/02	6/05	7/02	7/21	
ERRJP	0	EXTERNAL*	3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
FL	0	EXTERNAL*	3/23	3/24	7/21	7/22				
KLG10	411	PROGRAM*	7/08	7/08						
KLG20	432	PROGRAM*	7/17	7/17						
KLG30	456	PROGRAM*	7/21	7/21						
KLG31	474	PROGRAM*	7/22	7/22						
K.BEAD	146		7/25							
K.CLSCD	171		4/06	4/07	4/17	4/29	4/31			

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K.CLSCD2	172		4/17	4/18	4/29	4/30	4/30	4/31	4/32	4/32
K.CPMK1	211		5/02	5/03	6/05					
K.CPMK2	212		5/07	5/08	6/10					
K.FILE	151		7/25							
K.MALLOC	145		7/08	7/17	7/21	7/22				
K.SCRCH	144		6/05	6/06	6/10	6/11				
K.SELF	150		3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
MASK	0	EXTERNAL*	3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
NEWBLK	534	PROGRAM*	7/25	L						
PACK	0	EXTERNAL*	3/04	3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/05	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/02	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
READSELF	527	PROGRAM*	7/25	L						
REGSAVE	0	EXTERNAL*	7/25	7/25						
RESTREG	523	PROGRAM*	3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	7/25 L
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
RETURN	525	PROGRAM*	7/25	L						
SAVEREG	521	PROGRAM*	3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	7/24 L
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
START	0	EXTERNAL*	3/10	S	3/23	S	4/17	S	4/32	S
			3/10	S	3/23	S	4/17	S	4/32	S
			3/19	S	3/24	S	4/30	S	5/02	S
			3/19	S	3/24	S	4/30	S	5/02	S
			3/19	S	3/24	S	4/30	S	5/02	S
			3/19	S	3/24	S	4/30	S	5/02	S
TEMP	0	EXTERNAL*	3/04		3/23	S	4/17	S	4/31	S
			3/10		3/23	S	4/17	S	4/32	S
			3/10	S	3/23	S	4/17	S	4/32	S
			3/10	S	3/23	S	4/17	S	4/32	S
			3/10	S	3/24	S	4/18	S	4/32	S
			3/10	S	3/24	S	4/18	S	5/02	S
			3/10	S	3/24	S	4/29	S	5/02	S
			3/19	S	3/24	S	4/30	S	5/02	S
			3/19	S	4/06	S	4/30	S	5/02	S
			3/19	S	4/07	S	4/30	S	5/03	S
			3/19	S	4/07	S	4/30	S	5/03	S
TESTN	0	EXTERNAL*	7/22							
TEST1	0	PROGRAM*	3/02	E	3/02	L				

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TYPEOUT	0	EXTERNAL#	3/04	3/19	3/24	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/05	4/30	5/02	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/17	4/32	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/02	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/08	7/21	
			3/04	3/19	4/05	4/30	5/06	6/05	7/08	7/21
			3/04	3/23	4/05	4/32	5/06	6/05	7/08	7/21
XPACK	0	EXTERNAL#	3/10	3/23	4/17	4/32	5/07	6/05	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/09	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/09	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/21
			3/10	3/23	4/17	4/32	5/07	6/10	7/08	7/22
			3/10	3/23	4/17	4/32	5/07	6/10	7/17	7/22
			3/10	3/24	4/17	5/02	5/07	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/11	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	5/11	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/10	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/14	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	6/14	7/17	7/22
			3/19	3/24	4/30	5/02	6/05	7/02	7/17	
			3/19	3/24	4/30	5/02	6/05	7/02	7/21	