

000000 IDENT
PROGRAM LENGTH DECSCR

BLOCKS

000000 002643 ABSOLUTE* ABSOLUTE

ENTRY POINTS

000100 CALLP1	000101 CALLINT	000102 CALLP2	000110 INITP1
000111 INITINT	000112 INITP2	002554 HASHS	000117 HASHB
000164 SD.SYMT	002630 STARB	000642 SD.TOK	000667 OD.TXT
000671 TXTBUF	001071 TTDESCR	001072 OD.REL	001273 OD.FIL
001474 SD.EXPR	001575 TD.UDS	001776 SD.IFDO	002077 INBUFF
002077 BUFFER	002151 TOKBASE	002352 SD.STRB	002553 STATE
002555 SRCADR	002556 NSRCADR	002557 SRCFILE	002561 DEFLTB
002560 SV.SPST	002562 CURRTOK	002563 THISTOK	002564 BUFPNT
002565 CHARPNT	002566 LASTNUM	002567 LASTTOK	002570 PROTECT
002611 READF	002613 INPUTA	002616 CBLKT	002621 MPCHRWT
002630 CNTERS	002631 STARO	002632 STARL	002633 STARP
002634 R.EXPR	002635 R.SO	002636 R.COND	002637 CW
002640 CWDESCR	002641 CR	002642 CRDESCR	000103 SAVEREG
000105 RESTREG	000001 STAROP	000002 STARLP	000113 DESCR
000021 C.IFILE	000003 C.READ	000020 C.COOL	

EXTERNAL SYMBOLS

S.CODE COOLIT H.BEGIN ASSMBL TOKENIZ

000000		ORG	0
		EXT	S.CODE,COOLIT
	0004000	EQU	4000B
000000		BSSZ	2
000002	03171714011104000000	DATA	0LCOOLAIID,0LCLASS
000004	00000000000000000003	DATA	3
000005	00000000000000000024	DATA	20
000006	00000000000000000000 X	VFD	60/S.CODE .. FIELD LENGTH
000007	00000000000000000000 X	VFD	60/COOLIT
000010	000000000000000000024	VFD	60/20
000011	0000000000000000004000	VFD	60/S.SCR .. SIZE OF SCRATCH FILE
000012	0000000000000000000000	DATA	0,0
000014	0000000000000000000000	VFD	60/0,60/0 .. FILE CM ADDRESSES FOR FIRST SWAP
000016	0000000000000000004000	VFD	60/S.SCR .. WORD COUNT FOR FIRST SWAP
000017	0000000000000000000000	DATA	0
000020	03171714011104000000	DATA	0LCOOLAIID,0LS
000022	0000000000000000004000	VFD	60/S.SCR,60/S.SCR .. FILE CM ADDRESSES FOR CODE
000024	77777777777777777777 X	VFD	60/S.CODE=S.SCR
000025	0000000000000000000001	DATA	1
000026	77777777777777777777	DATA	-1
000027	22052324172200000000	DATA	0LRESTOR,0LOPERATE
000031	23012605000000000000	DATA	0LSAVE,0LOPERATE
000033	03171714011104000000	DATA	0LCOOLAIID,0LS
000035	03021413000000000000	DATA	0LCBLK,0LOPERATE
000037	15200310222700000000	DATA	0LMPCHRW,0LOPERATE
000041	00000000000000000000	DATA	0
	0000003	EQU	3
	0000016	EQU	14
	0000017	EQU	15
	0000020	EQU	16
	0000022	EQU	18
	0000023	EQU	19
	0000024	EQU	20
	0000021	EQU	17
000100		ORG	100B
		ENTRY	CALLP1,CALLINT,CALLP2
		ENTRY	INITP1,INITINT,INITP2
000100	0200000000 X	JP	=XTOKENIZ
000101	46000	NO	
000102	0200000000 X	JP	=XASSMBL
000103	00000000000000000017	VFD	60/C.SAVREG
000104	000000000000000002571	VFD	60/REGISTER
000105	00000000000000000016	VFD	60/C.RSTREG
000106	000000000000000002571	VFD	60/REGISTER
000107		*	
		*	INITIALIZATION VECTOR
		*	
000110		ORG	110B
000110	46000	NO	
000111	46000	NO	
000112	46000	NO	
	0200000100	JP	CALLP1

PL1, S

PL1, S

2
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		IOD	MACRO	BUFAD,FILAD,BLK SZ,CLIST,BUFSZ,FLAGS
			VFD	1/0,5/FLAGS,18/BUFAD,18/BLK SZ,18/BUFAD
			VFD	6/BUFSZ,18/CLIST,36/FILAD
			ENDM	
		*		
		*	TEMPORARY	TEMPORARIES
		*		
000113		DESCR	BSSZ	4
000117	0000000000000000000120	HASHR	VFD	60/*+1
000120			BSSZ	26
000152			BSSZ	10
000164	00000165000641000166	SD.SYMT	VFD	24/*+1,18/*+1+300,18/*+1+1
000165	77777777777777777777		DATA	-0 .. NEVER USED
000166			BSSZ	300
000642	00000643000667000645	SD.TOK	VFD	24/*+1,18/*+1+20,18/*+3
000643	00000000000000000000		DATA	0,0 .. TOP OF STACK
000645			BSSZ	18
000667		OD.TXT	IOD	TXTBUF,400000B,128,C.TXTFIL,7,
000671		TXTBUF	BSSZ	128
001071	000000010000000000671	TTDESCR	VFD	24/1,18/0,18/TXTBUF
001072	000000000000000001073	OD.REL	VFD	60/*+1
001073			BSSZ	128
001273	000000000000000001274	OD.FIL	VFD	60/*+1
001274			BSSZ	128
001474	00001475001575001476	SD.EXPR	VFD	24/*+1,18/*+1+64,18/*+1+1
001475	00000000000000000000 x		VFD	60/*+1,BEGIN
001476			BSSZ	63
001575	00001576001776001577	TD.UDS	VFD	24/*+1,18/*+1+128,18/*+1+1
001576	000000000000000000001		VFD	60/1
001577	0000002 000176	INDEX	SET	2
			DUP	126,2
			VFD	60/INDEX
		INDEX	SET	INDEX+1
			VFD	60/0
001775	000000000000000000000		VFD	
001776	00001777002077002000	SD.IFDO	VFD	24/*+1,18/*+1+64,18/*+1+1
001777			BSSZ	64
002077	600000000000000000000	BUFFER	VFD	3/6,57/0
002100			BSSZ	40
002150	600000000000000000000		VFD	3/6,57/0
002151	0000051	S.BUFFER	EQU	41
002151	000000000000000002152	TOKBASE	VFD	60/*+1
002152			BSSZ	128
002352	00002353002553002353	SD.STRB	VFD	24/*+1,18/*+1+128,18/*+1
002353			BSSZ	128
002553	000000000000000000000	STATE	DATA	0 * TOKEN PROCESSOR STATE
			ENTRY	HASHS,HASHB,SD.SYMT,STARB
002554	172663400000000000000	HASHS	DATA	103.
002555	000000000000000000000	SRCADR	DATA	0
002556	000000000000000000000	NSRCADR	DATA	0
002557	000000000000000000001	SRCFILE	DATA	1
002560		SV.SPST	BSSZ	1
002561	000000000000000000001	DEFLTB	DATA	1 .. NEGATIVE FOR OCTAL
002562	000000000000000000000	CURRTOK	DATA	0

COOLAID DATA AREA

002563	00000000000000000000	THISTOK	DATA	0	
002564	000000000000000002077	BUFPNT	VFD	60/INBUFF	
002565	000000000000000000061	CHARPNT	DATA	49	
002566	000000000000000000000	LASTNUM	DATA	0	
002567	000000000000000000000	LASTTOK	DATA	0	
002570	000000000000000000000	PROTECT	DATA	0	
002571		REGISTER	BSSZ	16	
002611	0000000000000000000003	PEADF	VFD	60/C.READ,60/C.IFILE	
002613	000000000000000000000	INPUTA	DATA	0	* FILE ADDRESS
002614	0000000000000000002077		VFD	60/BUFFER	
002615	0000000000000000000051		VFD	60/S.BUFFER	
002616	0000000000000000000022	CBLKT	VFD	60/C.CBLK,60/C.TXTFIL	
002620	0000000000000000040000		VFD	60/400000B	.. FILE ADDRESS
002621	0000000000000000000023	MPCHRW	VFD	60/C.MPCHRW,60/C.COOL	
002623	0000000000000000000002		VFD	60/2	.. INDEX IN MAP
002624	0000000000000000000024		VFD	60/C.TXTFIL	.. FILE
002625	0000000000000000040000		VFD	60/400000B	.. FILE ADDRESS
002626	0000000000000000000671		VFD	60/TXTBUF	.. CM ADDRESS
002627	0000000000000000000200		VFD	60/128	.. WORD COUNT
002630		CNTERS	BSS	0	* SYMBOL USED TO RELATIVIZE COUNTERS
002630	0000000000000000000000	STARB	DATA	0	* CURRENT USE BLOCK
002631	0000000000000000000000	STARO	DATA	0	* ORIGIN COUNTER
002632	0000000000000000000000	STARL	DATA	0	* LOCATION COUNTER
002633	0000000000000000000074	STARP	VFD	2/0.58/60	.. FORCE FLAG, POSITION COUNTER (*P)
002634		*			FF = 0 => +DO NOT CARE+
		*			FF = 1 => +NO+
		*			FF = 2 => +YES+
002634	0000000000000000000000	R.EXPR	DATA	0	.. RETURN WORD FOR EXPRESSION PROCESSOR
002635	0000000000000000000000	R.SO	DATA	0	.. RETURN WORD FOR SET-RIGHT-PART RECOGNIZER
002636	0000000000000000000000	R.COND	DATA	0	.. RETURN WORD FOR COND RECOGNIZER
002637	0000000000000000000000	CW	DATA	0	* CURRENT TEXT WORD
002640	0000000000000000000001	CWDESCR	DATA	1	* RELOCATION BYTE, STATE OF CW
002641	0000000000000000000000	CR	DATA	0	* CURRENT RELOCATION BYTE WORD
002642	0000000000000000000074	CRDESCR	DATA	60	* CURRENT STATE OF CR
	0000001	STAROP	EQU		STARO-CNTERS
	0000002	STARLP	EQU		STARL-CNTERS
	0002077	INBUFF	EQU		RUFFER

ENTRY	HASHB,SD,SYMT,SD,TOK,OD,TXT,TXTBUF,TTDESCR
ENTRY	OD.REL,OD.FIL,SD.EXPR,TD.UDS,SD.IFDO
ENTRY	INBUFF,BUFFER,TOKBASE
ENTRY	SD.STRB,STATE,HASHS,SRCADR,NSRCADR,SRFILE
ENTRY	DEFLT,SV.SPST,CURRTOK,THISTOK
ENTRY	RUFFPNT,CHARPNT,LASTNUM,LASTTOK
ENTRY	PROTECT,READF,INPUTA,CBLKT
ENTRY	MPCHRW,CTNTERS,STARB,STARO,STARL,STARP
ENTRY	R.EXPR,R.SO,R.COND
ENTRY	CW,CWDESCR,CR,CRDESCR
ENTRY	SAVEREG,RESTREG
ENTRY	STAROP,STARLP
ENTRY	DESCR,C.IFILE,C.READ,C.COOL
END	

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420 STATEMENTS

73 SYMBOLS

[illegible]