


```
SSSSSSSS YY YY MM MM FFFFFFFF MM MM TTTTTTTTTT
SSSSSSSS YY YY MM MM FFFFFFFF MM MM TTTTTTTTTT
SS YY YY MMMM MMMM FF MMMM MMMM TT
SS YY YY MMMM MMMM FF MMMM MMMM TT
SS YY YY MM MM MM FF MM MM MM TT
SS YY YY MM MM MM FF MM MM MM TT
SSSSSS YY MM MM FFFFFFFF MM MM TT
SSSSSS YY MM MM FFFFFFFF MM MM TT
SS YY MM MM FF MM MM TT
SS YY MM MM FF MM MM TT
SS YY MM MM FF MM MM TT
SSSSSS YY MM MM FF MM MM TT
SSSSSS YY MM MM FF MM MM TT
.....
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.....
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```
RRRRRRRR EEEEEEEEE EEEEEEEEE QQQQQQ
RRRRRRRR EEEEEEEEE EEEEEEEEE QQQQQQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RRRRRRRR EEEEEEEEE QQ QQ
RRRRRRRR EEEEEEEEE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EEEEEEEEE QQQQ QQ
RR RR EEEEEEEEE QQQQ QQ
```

Version: 'V04-000'

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MODULE: SYMFMT.REQ
FACILITY: LINKER
ABSTRACT: SYMBOL TABLE ENTRY FORMAT DEFINITION
HISTORY:
    AUTHOR: T.J. PORTER 21-FEB-77
    MODIFICATIONS:
NO.   DATE       PROGRAMMER   PURPOSE
---

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FUNCTIONAL DESCRIPTION:

THIS IS A REQUIRED FILE WHICH DEFINES ALL THE
STRUCTURE REFERENCE MACROS FOR THE FIELDS
OF SYMBOL TABLE ENTRIES.

```

GLOBAL LITERAL
SYMSC_TBLSZ = 128 : WEAK;
BYTEBLOCKFIELDS (SYM,
                 L_VALUE,4,
                 L_PSCLST,4,

                 B_NAMNG,1,
                 T_NAME,SYMSC_MAXLNG,
                 L_COLIST,4,
                 W_ENTMSK,2,
                 W_FLAGS,2,
                 B_DATYP,1,
                 B_LSTLNG,1 );

! DEFINE SYMBOL TABLE SIZE
BLOCK NAME IS 'SYMS'
SYMBOL VALUE
THREAD FROM DEFINING P-SECTION
NOTE: THE ABOVE TWO ENTRIES MUST
---- BE FIRST SINCE THEY ARE
RE-USED AS FORWARD AND
BACK POINTERS IN THE
UNDEFINED SYMBOL LIST.

SYMBOL STRING LENGTH
STRING
COLLISION LIST POINTER
ENTRY POINT MASK
FLAGS WORD
DATA TYPE
LENGTH OF COLLISION LIST

DEFINE EQUIVALENCING MACROS FOR FLINK AND BLINK OF THE UNDEFINED
SYMBOL LIST -- SEE ABOVE NOTE.

MACRO
SYMSL_UDFLINK = SYMSL_VALUE%, ! FORWARD LINK IS THE VALUE FIELD
SYMSL_UDFBLINK = SYMSL_PSCLST%; ! BACKWARD LINK IS THE OWNING P-SECT THREAD

```

LISTEL REQ	PATACB REQ	PATTAB REQ	PREFIX REQ	SYSSER REQ	UXSMAC REQ
DATBAS REQ	PATACS REQ	PATPCT REQ		VAXERR REQ	DYNMEM LIS
	PATPRE REQ		PATTER REQ	SCALIT REQ	
	PATGEN REQ			VAXOPS REQ	PATACT LIS
OLLNAM REQ					
	PATRTS REQ				
IMGDEF REQ		PATTB REQ	PATTK REQ		
	PATKEY REQ			SYSLIT REQ	UXPALT REQ