VMSLIB

```
 SSSSSSSS    CCCCCCCC   RRRRRRRR    RRRRRRRR    EEEEEEEEEE    QQQQQQ
 SSSSSSSS    CCCCCCCC   RRRRRRRR    RRRRRRRR    EEEEEEEEEE    QQQQQQ
SS           CC         RR    RR    RR    RR    EE           QQ    QQ
SS           CC         RR    RR    RR    RR    EE           QQ    QQ
SS           CC         RR    RR    RR    RR    EE           QQ    QQ
SS           CC         RR    RR    RR    RR    EE           QQ    QQ
 SSSSSS      CC         RRRRRRRR    RRRRRRRR    EEEEEEE       QQ    QQ
 SSSSSS      CC         RRRRRRRR    RRRRRRRR    EEEEEEE       QQ    QQ
      SS     CC         RR  RR      RR  RR      EE            QQ  QQ QQ
      SS     CC         RR  RR      RR  RR      EE            QQ  QQ QQ
      SS     CC         RR    RR    RR    RR    EE            QQ    QQ
      SS     CC         RR    RR    RR    RR    EE            QQ    QQ
 SSSSSSSS    CCCCCCCC   RR    RR    RR    RR    EEEEEEEEEE    QQQQ QQ    ....
 SSSSSSSS    CCCCCCCC   RR    RR    RR    RR    EEEEEEEEEE    QQQQ QQ    ....
                                                                       ....
                                                                       ....

LL          IIIIII     SSSSSSSS
LL          IIIIII     SSSSSSSS
LL            II       SS
LL            II       SS
LL            II       SS
LL            II       SS
LL            II        SSSSSS
LL            II        SSSSSS
LL            II             SS
LL            II             SS
LL            II             SS
LL            II             SS
LLLLLLLLL   IIIIII     SSSSSSSS
LLLLLLLLL   IIIIII     SSSSSSSS
```

```
0000    1              .TITLE  SCR$$REQUIRE - Provide some defs needed by SCR$ routines
0000    2              .IDENT  /V04-000/                ; File: SCRREQ.MAR Edit: PLL1001
0000    3      ;
0000    4      ;
0000    5      ;*********************************************************************
0030    6      ;*                                                                   *
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0000   24      ;*                                                                   *
0000   25      ;*                                                                   *
0000   26      ;*********************************************************************
0000   27      ;
0000   28      ;
0000   29      ;++
0000   30      ; FACILITY: General Utility Library
0000   31      ;
0000   32      ; ABSTRACT:
0000   33      ;
0000    3      ;       This module simply defines some global constants for SCR$
0000   35      ;       routines.
0000   36      ;
0000   37      ; ENVIRONMENT: Runs at any access mode, AST Reentrant
0000   38      ;
0000   39      ; AUTHOR: P. Levesque, CREATION DATE: 3-Dec-1982
0000   40      ;
0000   41      ; MODIFIED BY:
0000   42      ;
0000   43      ; 1-001 - Original. PLL 3-Dec-1982
0000   44      ;--
```

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SCR$$REQUIRE   - Provide some defs needed by SCR$ routi 16-SEP-1984 02:16:27 VAX/VMS Macro V04-00   Page   2   SE1
V04-000   DECLARATIONS   5-SEP-1984 04:43:27 [VMSLIB.SRC]SCRREQ.MAR;1   (2)   V04

```
        0000    46              .SBTTL   DECLARATIONS
        0000    47 ;
        0000    48 ; LIBRARY MACRO CALLS:
        0000    49 ;
        0000    50              $SCRDEF GLOBAL
        0000    51 ;
        0000    52 ; EXTERNAL DECLARATIONS:
        0000    53 ;
        0000    54 ; Prevent undeclared symbols from being automatically global.
        0000    55 ;
        0000    56              .DSABL   GBL
        0000    57
        0000    58 ;
        0000    59 ; MACROS:
        0000    60 ;
        0000    61              NONE
        0000    62 ;
        0000    63 ; EQUATED SYMBOLS:
        0000    64 ;
        0000    65              NONE
        0000    66 ;
        0000    67 ; OWN STORAGE:
        0000    68 ;
    00000000    69              .PSECT _LIB$DATA PIC, USR, CON, REL, LCL, NOSHR, -
        0000    70                          NOEXE, RD, WRT, LONG
        0000    71 ;
        0000    72              NONE
        0000    73 ;
        0000    74 ; PSECT DECLARATIONS:
        0000    75 ;
        0000    76              .PSECT _LIB$CODE PIC, USR, CON, REL, LCL, SHR, -
    00000000    77                          EXE, RD, NOWRT, LONG
        0000    78
        0000    79              .END                      ; End of module SCR$$REQUIRE
```

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SCR$$REQUIRE   - Provide some defs needed by SCR$ routi 16-SEP-1984 02:16:27   VAX/VMS Macro V04-00   Page 3   SE1
Symbol table   5-SEP-1984 04:43:27   [VMSLIB.SRC]SCRREQ.MAR;1   (2)   V04

```
SCR$B_DEVTYPE              = 00000008  G
SCR$C_DOWN_SCROLL         = 00000005  G
SCR$C_ERASE_LINE          = 00000003  G
SCR$C_ERASE_PAGE          = 00000002  G
SCR$C_GET_SCREEN          = 00000001  G
SCR$C_LENGTH              = 00000014  G
SCR$C_MOVE_CURSOR         = 00000008  G
SCR$C_PUT_LINE            = 00000007  G
SCR$C_PUT_SCREEN          = 00000000  G
SCR$C_SCREEN_INFO         = 00000006  G
SCR$C_SET_CURSOR          = 00000004  G
SCR$C_SET_SCROLL          = 00000009  G
SCR$C_UP_SCROLL           = 0000000A  G
SCR$K_LENGTH              = 00000014  G
SCR$L_FLAGS               = 00000000  G
SCR$M_ANSICRT             = 00000002  G
SCR$M_AVO                 = 00000010  G
SCR$M_BLINK               = 00000004  G
SCR$M_BLOCK               = 00000008  G
SCR$M_BOLD                = 00000001  G
SCR$M_DECCRT              = 00000040  G
SCR$M_EDIT                = 00000020  G
SCR$M_NORMAL              = 00000000  G
SCR$M_REGIS               = 00000004  G
SCR$M_REVERSE             = 00000002  G
SCR$M_SCREEN              = 00000001  G
SCR$M_UNDERLINE           = 00000008  G
SCR$R_FLAGS_BITS          = 00000000  G
SCR$R_FLAGS_OVERLAY       = 00000000  G
SCR$R_SCRDEF_BITS         = 00000000  G
SCR$S_SCRDEF              = 00000001  G
SCR$S_SCRDEF1             = 00000014  G
SCR$V_ANSICRT             = 00000001  G
SCR$V_AVO                 = 00000004  G
SCR$V_BLINK               = 00000002  G
SCR$V_BLOCK               = 00000003  G
SCR$V_BOLD                = 00000000  G
SCR$V_DECCRT              = 00000006  G
SCR$V_EDIT                = 00000005  G
SCR$V_REGIS               = 00000002  G
SCR$V_REVERSE             = 00000001  G
SCR$V_SCREEN              = 00000000  G
SCR$V_UNDERLINE           = 00000003  G
SCR$W_PAGESIZE            = 00000006  G
SCR$W_WIDTH               = 00000004  G
```

```
                              +------------------+
                              ! Psect synopsis !
                              +------------------+
```

```
PSECT name              Allocation        PSECT No.  Attributes
----------              ----------        ---------  ----------

. ABS .                 00000000  (   0.)  00 (  0.)  NOPIC  USR  CON  ABS  LCL  NOSHR  NOEXE  NORD  NOWRT  NOVEC BYTE
$ABS$                   00000000  (   0.)  01 (  1.)  NOPIC  USR  CON  ABS  LCL  NOSHR  EXE    RD    WRT    NOVEC BYTE
_LIB$DATA               00000000  (   0.)  02 (  2.)  PIC    USR  CON  REL  LCL  NOSHR  NOEXE  RD    WRT    NOVEC LONG
_LIB$CODE               00000000  (   0.)  03 (  3.)  PIC    USR  CON  REL  LCL  SHR    EXE    RD    NOWRT  NOVEC LONG
```

L 12
SCR$$REQUIRE   – Provide some defs needed by SCR$ routi 16-SEP-1984 02:16.27   VAX/VMS Macro V04-00   Page   4   SE
VAX-11 Macro Run Statistics   5-SEP-1984 04:43:27   [VMSLIB.SRC]SCRREQ.MAR;1   (2)   V04

```
                              +-----------------------------+
                              ! Performance indicators !
                              +-----------------------------+

Phase                     Page faults   CPU Time      Elapsed Time
-----                     -----------   --------      ------------
Initialization                    32    00:00:00.09   00:00:00.67
Command processing               129    00:00:00.56   00:00:02.23
Pass 1                           118    00:00:00.96   00:00:05.00
Symbol table sort                  0    00:00:00.03   00:00:00.03
Pass 2                            33    00:00:00.26   00:00:00.63
Symbol table output                7    00:00:00.05   00:00:00.05
Psect synopsis output              3    00:00:00.03   00:00:00.03
Cross-reference output             0    00:00:00.00   00:00:00.00
Assembler run totals             324    00:00:01.99   00:00:08.64
```

The working set limit was 900 pages.
3081 bytes (7 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 45 non-local and 0 local symbols.
79 source lines were read in Pass 1, producing 14 object records in Pass 2.
8 pages of virtual memory were used to define 7 macros.

```
                              +-----------------------------+
                              ! Macro library statistics !
                              +-----------------------------+

Macro library name                        Macros defined
------------------                        --------------
_$255$DUA28:[SYS.OBJ]LIB.MLB;1                   0
_$255$DUA28:[SYSLIB]STARLET.MLB;2                4
TOTALS (all libraries)                           4
```

104 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/DISA=TRACE/LIS=LIS$:SCRREQ/OBJ=OBJ$:SCRREQ MSRC$:SCRREQ/UPDATE=(ENH$:SCRREQ)+EXECML$/LIB

SYSGMSG
LIS

SCRINPUT
LIS

SCRMISC
LIS

SCRREQ
LIS

SETPRIV
LIS

SHRMSG
LIS

TPARSE
LIS

SCRCTB
LIS

SCRVECTOR
LIS

SSMSG
LIS