

CCCCCCCCCCCC	LLL	IIIIIIII	UUU	UUU	TTTTTTTTTTTTTTTT	LLL
CCCCCCCCCCCC	LLL	IIIIIIII	UUU	UUU	TTTTTTTTTTTTTTTT	LLL
CCCCCCCCCCCC	LLL	IIIIIIII	UUU	UUU	TTTTTTTTTTTTTTTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCC	LLL	III	UUU	UUU	TTT	LLL
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	IIIIIIII	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	TTTT	LLLLLLLLLLLLLLLL
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	IIIIIIII	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	TTTT	LLLLLLLLLLLLLLLL
CCCCCCCCCCCC	LLLLLLLLLLLLLLLL	IIIIIIII	UUUUUUUUUUUUUU	UUUUUUUUUUUUUU	TTTT	LLLLLLLLLLLLLLLL

```

PPPPPPPP      UU      UU      TTTTTTTTTT      CCCCCCCC      LL      IIIIII      MM      MM      SSSSSSSS      GGGGGGGG
PPPPPPPP      UU      UU      TTTTTTTTTT      CCCCCCCC      LL      IIIIII      MM      MM      SSSSSSSS      GGGGGGGG
PP      PP      UU      UU      TT      CC      LL      II      MMMM      MMMM      SS      GG
PP      PP      UU      UU      TT      CC      LL      II      MMMM      MMMM      SS      GG
PP      PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PP      PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PPPPPPPP      UU      UU      TT      CC      LL      II      MM      MM      SSSSSS      GG
PPPPPPPP      UU      UU      TT      CC      LL      II      MM      MM      SSSSSS      GG
PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
PP      UU      UU      TT      CC      LL      II      MM      MM      SS      GG
UUUUUUUUUU      TT      CCCCCCCC      LLLLLLLLLL      IIIIII      MM      MM      SSSSSSSS      GGGGGG
UUUUUUUUUU      TT      CCCCCCCC      LLLLLLLLLL      IIIIII      MM      MM      SSSSSSSS      GGGGGG

```

```

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
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS

```

(1) 50  
(1) 85

DECLARATIONS  
LIB\$PUTCLMSG - PRINT SYNTAX ERROR MESSAGE THEN EXIT

```
0000 1 .TITLE PUTCLIMSG - PRINT CLI ERROR MESSAGE
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 17 :*
0000 18 :* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
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0000 20 :* CORPORATION.
0000 21 :*
0000 22 :* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28
0000 29 :++
0000 30 : FACILITY: COMMAND LANGUAGE INTERPRETER UTILITIES
0000 31 :
0000 32 : ABSTRACT:
0000 33 :
0000 34 : THIS ROUTINE PRINTS A MESSAGE FOR ALL SYNTAX ERRORS DETECTED BY A CLI
0000 35 : UTILITY.
0000 36 :
0000 37 : ENVIRONMENT: USER MODE
0000 38 :
0000 39 : AUTHOR: C. A. MONIA , CREATION DATE: 16-JUNE-1978
0000 40 :
0000 41 : MODIFIED BY:
0000 42 :
0000 43 : : VERSION
0000 44 : 01 _
0000 45 : 001 TMH0001 T. HALVORSEN 06-FEB-1980
0000 46 : FIX PUTMSG CALL TO USE DEFAULT FLAGS RATHER THAN EXPLICIT 7
0000 47 : WHICH CAUSED FACILITY NAME NOT TO BE OUTPUT AS INTENDED.
0000 48 :--
```

```
0000 50      .SBTTL  DECLARATIONS
0000 51      :
0000 52      : INCLUDE FILES:
0000 53      :
0000 54      :
0000 55      $CLIDEF          : DEFINE CLI RUN PARAMETERS
0000 56      $CLIMSGDEF     : DEFINE CLI STATUS CODES
0000 57      $STSDEF        : DEFINE RETURNED STATUS FORMAT
0000 58      :
0000 59      :
0000 60      : MACROS:
0000 61      :
0000 62      :
0000 63      :
0000 64      : EQUATED SYMBOLS:
0000 65      :
0000 66      : DEFINE ARGUMENT LIST OFFSETS
0000 67      :
0000 68      :
0000 69      .SAVE
0000 70      .PSECT  $ABSS,ABS
0000 71      :
00000000 0000 72      .=0
00000004 0000 73      COUNT:  .BLKL  1      : ARGUMENT COUNT
00000008 0004 74      FACILITY: .BLKL  1      : ADDRESS OF FACILITY NAME DESCRIPTOR
0000000C 0008 75      ERRDESCR: .BLKL  1      : QUALIFIER DESCRIPTOR FOR SYNTAX ERROR
00000010 000C 76      LINDESCR: .BLKL  1      : QUALIFIER DESCRIPTOR FOR COMMAND LINE
00000014 0010 77      CODE:    .BLKL  1      : CLI ERROR CODE
0014 78      :
0000 79      .RESTORE
0000 80      :
0000 81      : OWN STORAGE:
0000 82      :
0000 83      :
```

```

0000 85      .SBTTL LIB$PUTCLIMSG - PRINT SYNTAX ERROR MESSAGE THEN EXIT
0000 86      :++
0000 87      : FUNCTIONAL DESCRIPTION:
0000 88      :
0000 89      : THIS ROUTINE IS CALLED WHENEVER A CLI UTILITY DETECTS A SYNTAX ERROR NOT
0000 90      : OTHERWISE DISCOVERED BY THE COMMAND LANGUAGE INTERPRETER. IT DISPLAYS THE
0000 91      : ERROR MESSAGE FOLLOWED BY A LINE CONTAINING THE BRACKETED ERROR TEXT.
0000 92      :
0000 93      : CALLING SEQUENCE:
0000 94      :
0000 95      :     CALL  LIB$PUTCLIMSG ([FACNAM],ERRDESCR,LINDESCR, CODE)
0000 96      :
0000 97      : INPUT PARAMETERS:
0000 98      :
0000 99      :     FACNAM - ADDRESS OF STRING DESCRIPTOR FOR THE OPTIONAL FACILITY NAME
0000 100     :
0000 101     :     ERRDESCR - ADDRESS OF A CLI QUALIFIER DESCRIPTOR. OFFSET CLISW_RQSIZE
0000 102     :               IS THE QUADWORD STRING DESCRIPTOR FOR THE PORTION OF THE
0000 103     :               COMMAND LINE CONTAINING THE SYNTAX ERROR.
0000 104     :
0000 105     :     LINDESCR - ADDRESS OF A CLI QUALIFIER DESCRIPTOR FOR THE COMMAND LINE.
0000 106     :
0000 107     :     CODE - CLI ERROR CODE
0000 108     :
0000 109     : IMPLICIT INPUTS:
0000 110     :
0000 111     :     NONE
0000 112     :
0000 113     : OUTPUT PARAMETERS:
0000 114     :
0000 115     :     NONE
0000 116     :
0000 117     : IMPLICIT OUTPUTS:
0000 118     :
0000 119     :     NONE
0000 120     :
0000 121     : COMPLETION CODES:
0000 122     :
0000 123     :     COMPLETION CODES ARE THOSE RETURNED BY SYSS$PUTMSG
0000 124     :
0000 125     : SIDE EFFECTS:
0000 126     :
0000 127     :     NONE
0000 128     :
0000 129     : --
0000 130     :
0000 131     .PSECT  _PUTCLIMSG,NOWRT
0000 132     :
0000 133     .ENTRY  LIB$PUTCLIMSG,0
0000 134     MOVL   #CLISW_RQSIZE,R1      : GET OFFSET TO LINE DESCRIPTOR
0000 135     MOVAB  @ERRDESCR(AP)[R1],R0  : GET ADDRESS OF ERRONEOUS SEGMENT
0000 136     ADDL3  (R0),4(R0),-(SP)      : PUSH ADDRESS OF END OF SEGMENT
0000 137     MOVAB  @LINDESCR(AP)[R1],R1  : GET ADDRESS OF LINE SEGMENT
0000 138     ADDL3  (R1)+,(R1),R1        : COMPUTE END OF SEGMENT
0000 139     SUBL3  (SP),R1,-(SP)       : COMPUTE SEGMENT LENGTH
0000 140     MOVZBL #80,R1              : GET MAX LENGTH OF OUTPUT LINE
0000 141     CMPL  (SP),R1              : LENGTH EXCEED MAXIMUM?
  
```

```

0000 0000 131
0000 0000 132
0000 0002 133
50 08 BC41 9E 0005 134
7E 04 A0 60 C1 000A 135
51 0C BC41 9E 000F 136
51 61 81 C1 0014 137
7E 51 6E C3 0018 138
51 50 8F 9A 001C 139
51 6E D1 0020 140
  
```



PUTCLIMSG  
Symbol table

- PRINT CLI ERROR MESSAGE

N 12

15-SEP-1984 23:41:16 VAX/VMS Macro V04-00  
4-SEP-1984 23:16:31 [CLIUTL.SRC]PUTCLIMSG.MAR;1

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(1)

CLISW_RQSIZE	=	00000008		
CLIS_BADTEXT	=	000381B0		
CODE		00000010		
COUNT		00000000		
ERRDESCR		00000008		
FACILITY		00000004		
LIB\$PUTCLIMSG		00000000	RG	02
LINDESCR		0000000C		
SYSS\$PUTMSG	*****		GX	02

-----  
! Psect synopsis !  
-----

PSECT name	Allocation	PSECT No.	Attributes										
-----	-----	-----	-----										
. ABS .	00000000 ( 0.)	00 ( 0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE	
\$ABSS	00000014 ( 20.)	01 ( 1.)	NOPIC USR	CON	ABS	LCL	NOSHR	EXE	RD	WRT	NOVEC	BYTE	
_PUTCLIMSG	00000053 ( 83.)	02 ( 2.)	NOPIC USR	CON	REL	LCL	NOSHR	EXE	RD	NOWRT	NOVEC	BYTE	

-----  
! Performance indicators !  
-----

Phase	Page faults	CPU Time	Elapsed Time
-----	-----	-----	-----
Initialization	18	00:00:00.11	00:00:00.61
Command processing	116	00:00:00.93	00:00:04.03
Pass 1	177	00:00:03.89	00:00:14.01
Symbol table sort	0	00:00:00.50	00:00:00.91
Pass 2	44	00:00:00.75	00:00:03.17
Symbol table output	3	00:00:00.02	00:00:00.32
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	361	00:00:06.24	00:00:23.08

The working set limit was 1050 pages.  
19839 bytes (39 pages) of virtual memory were used to buffer the intermediate code.  
There were 20 pages of symbol table space allocated to hold 380 non-local and 1 local symbols.  
157 source lines were read in Pass 1, producing 16 object records in Pass 2.  
12 pages of virtual memory were used to define 11 macros.

-----  
! Macro library statistics !  
-----

Macro library name	Macros defined
-----	-----
-\$255\$DUA28:[CLIUTL.OBJ]CLIUTL.MLB;1	0
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	8
TOTALS (all libraries)	8

460 GETS were required to define 8 macros.

There were no errors, warnings or information messages.



PUTCLIMSG  
VAX-11 Macro Run Statistics

- PRINT CLI ERROR MESSAGE

B 13

15-SEP-1984 23:41:16 VAX/VMS Macro V04-00  
4-SEP-1984 23:16:31 [CLIUTL.SRC]PUTCLIMSG.MAR;1

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(1)

MACRO/LIS=LIS\$:PUTCLIMSG/OBJ=OBJ\$:PUTCLIMSG MSRC\$:PUTCLIMSG/UPDATE=(ENH\$:PUTCLIMSG)+EXECMLS/LIB+LIB\$:CLIUTL/LIB



