





(1) 50

pli\$subscript - signal subscript range check

```
0000 1 .title pli$caserr - case or label constant array error routine
0000 2 .ident /1-002/ ; Edit WHM1002
0000 3
0000 4
0000 5 *****
0000 6 *
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0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28 ++
0000 29 facility:
0000 30
0000 31 VAX/VMS PL1 runtime library.
0000 32
0000 33 abstract:
0000 34
0000 35 This module contains the pl1 runtime routine for case and label array
0000 36 error handling.
0000 37
0000 38 author: r. heinen 18-jan-1979
0000 39
0000 40 Modifications:
0000 41
0000 42
0000 43 1-002 Bill Matthews 29-September-1982
0000 44
0000 45 Invoke macros $defdat and rtshare instead of $defopr and share.
0000 46
0000 47 --
0000 48 rtshare
```

```
0000 50      .sbttl pli$subscript - signal subscript range check
0000 51      :++
0000 52      : pli$subscript - signal subscript range check for uninitialized label vector
0000 53      :
0000 54      : functional description:
0000 55      :
0000 56      : This routine is used by the generated code to cause a subscript range check
0000 57      : to occur when an uninitialized label vector entry is used.
0000 58      :
0000 59      : inputs:
0000 60      :
0000 61      :     none - JSB interface.
0000 62      :
0000 63      : outputs:
0000 64      :
0000 65      :     program is exited on return from condition
0000 66      :--
0000 67      pli$rt_subscrip::
0000 68      pli$rt_subscrip::
0000 69      pushl  #pli$_labelrange      ;
0000 70      calls  #1,g^tib$signal      ;
000D 71      $exit_s #pli$_labelrange  ; program is done
001A 72      .end
```

00000000'8F DD 0000 69  
00000000'GF 01 FB 0006 70  
000D 71  
001A 72

PLI  
Sym  
DAT  
PLI  
PLI  
PLI  
SET  
SET  
SET  
PSE  
---  
\_PL  
Pha  
---  
Ini  
Com  
Pas  
Sym  
Pas  
Sym  
Pse  
Cro  
Ass  
The  
451  
The  
274  
3 p  
Mac  
---  
\$2  
-\$2  
TOT  
32  
The  
MAC

PLI\$CASERR  
Symbol table

\*\*F

LIB\$SIGNAL	*****	X	01
PLI\$RT_SUBSCRIP	00000000	RG	01
PLI\$RT_SUBSCRIP	00000000	RG	01
PLI\$ LABELRANGE	*****	X	01
SYSEXIT	*****	GX	01

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

PSECT name	Allocation	PSECT No.	Attributes										
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE	
PLI\$CODE	0000001A ( 26.)	01 ( 1.)	PIC USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG	

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	9	00:00:00.07	00:00:00.77
Command processing	72	00:00:00.53	00:00:03.21
Pass 1	62	00:00:00.44	00:00:03.94
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	22	00:00:00.17	00:00:01.54
Symbol table output	1	00:00:00.01	00:00:00.01
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	167	00:00:01.24	00:00:09.49

The working set limit was 600 pages.  
879 bytes (2 pages) of virtual memory were used to buffer the intermediate code.  
There were 10 pages of symbol table space allocated to hold 5 non-local and 0 local symbols.  
72 source lines were read in Pass 1, producing 8 object records in Pass 2.  
2 pages of virtual memory were used to define 2 macros.

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

Macro library name	Macros defined
-\$255\$DUA28:[PLIRTL.OBJ]PLIRTMAC.MLB;1	1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	1
TOTALS (all libraries)	2

8 GETS were required to define 2 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=TRACEBACK/LIS=LIS\$:PLICASERR/OBJ=OBJ\$:PLICASERR MSRC\$:PLICASERR/UPDATE=(ENH\$:PLICASERR)+LIB\$:PLIRTM

