



```

RRRRRRRR  P P P P P P P P  G G G G G G G G  E E E E E E E E  R R R R R R R R  R R R R R R R R  0 0 0 0 0 0  R R R R R R R R
RRRRRRRR  P P P P P P P P  G G G G G G G G  E E E E E E E E  R R R R R R R R  R R R R R R R R  0 0 0 0 0 0  R R R R R R R R
RR      RR  PP      PP  GG      GG      EE      RR      RR  RR      RR  00      00  RR      RR
RR      RR  PP      PP  GG      GG      EE      RR      RR  RR      RR  00      00  RR      RR
RR      RR  PP      PP  GG      GG      EE      RR      RR  RR      RR  00      00  RR      RR
RRRRRRRR  P P P P P P P P  G G      G G G G G G  E E E E E E E E  R R R R R R R R  R R R R R R R R  0 0      0 0  R R R R R R R R
RRRRRRRR  P P P P P P P P  G G      G G G G G G  E E E E E E E E  R R R R R R R R  R R R R R R R R  0 0      0 0  R R R R R R R R
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      GG      G G      E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      GG      G G      E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      GG      G G      E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      GG      G G      E E      E E E E E E  RR      RR  RR      RR  0 0      0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0 0 0 0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0 0 0 0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0 0 0 0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0 0 0 0 0  RR      RR
RR      RR  PP      PP  GG      G G G G G G  E E      E E E E E E  RR      RR  RR      RR  0 0 0 0 0 0  RR      RR

```

```

LL      I I I I I I  S S S S S S S S
LL      I I I I I I  S S S S S S S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LL      I I      S S S S S S
LL      I I      S S S S S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LL      I I      S S
LLLLLLLLLLLL  I I I I I I  S S S S S S S S
LLLLLLLLLLLL  I I I I I I  S S S S S S S S

```

```

....
....
....
....

```

```

1 0001 0 MODULE RPG$ERROR( %TITLE 'Signal non-I/O errors'
2 0002 C IDENT = '1-002' ! file: RPGERRR.B32 EDIT:DG1002
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: RPGII SUPPORT
33 0033 1
34 0034 1 ABSTRACT
35 0035 1
36 0036 1 Signals a variety of compiler-detected non-I/O errors.
37 0037 1
38 0038 1
39 0039 1 ENVIRONMENT: Vax-11 User Mode
40 0040 1
41 0041 1 AUTHOR: Debess Grabazs, CREATION DATE: 18-JAN-1983
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 1-001 - Original. DG 18-JAN-1983
46 0046 1 1-002 - Add support for optional FAO argument. DG 11-Jul-1983
47 0047 1 --
48 0048 1
49 0049 1 !<BLF/PAGE>

```

```

51 0050 1 %SBTTL 'Declarations'
52 0051 1 | +
53 0052 1 | PROLOGUE FILE:
54 0053 1 | -
55 0054 1 |
56 0055 1 REQUIRE 'RTLIN:RPGPROLOG';
57 0120 1
58 0121 1
59 0122 1 | +
60 0123 1 | LINKAGES
61 0124 1 | NONE
62 0125 1 | -
63 0126 1 |
64 0127 1 | +
65 0128 1 | TABLE OF CONTENTS:
66 0129 1 | -
67 0130 1 |
68 0131 1 FORWARD ROUTINE
69 0132 1 RPG$ERROR : NOVALUE ;
70 0133 1
71 0134 1 | +
72 0135 1 | INCLUDE FILES
73 0136 1 | NONE
74 0137 1 | -
75 0138 1 |
76 0139 1 | +
77 0140 1 | MACROS
78 0141 1 | NONE
79 0142 1 | -
80 0143 1 |
81 0144 1 | +
82 0145 1 | EQUATED SYMBOLS
83 0146 1 | NONE
84 0147 1 | -
85 0148 1 |
86 0149 1 | +
87 0150 1 | EXTERNAL REFERENCES
88 0151 1 | -
89 0152 1 |
90 0153 1 EXTERNAL ROUTINE
91 0154 1 LIB$STOP;
92 0155 1

```

! Switches, PSECTs, macros,  
. Linkages and LIBRARYs

! Stop execution via signalling

```

: 94 0156 1 %SBTTL 'RPG$ERROR - Signal non-I/O errors'
: 95 0157 1 GLOBAL ROUTINE RPG$ERROR (
: 96 0158 1
: 97 0159 1 ERROR, ! Condition value
: 98 0160 1 FAO ! Optional FAO parameter for message
: 99 0161 1 ): NOVALUE=
: 100 0162 1 ++
: 101 0163 1 FUNCTIONAL DESCRIPTION
: 102 0164 1
: 103 0165 1 Signals a variety of compiler-detected non-I/O errors.
: 104 0166 1
: 105 0167 1 CALLING SEQUENCE:
: 106 0168 1
: 107 0169 1 CALL RPG$ERROR (error.rl.v [, fao.rl.v])
: 108 0170 1
: 109 0171 1 FORMAL PARAMETERS:
: 110 0172 1
: 111 0173 1 error the condition value
: 112 0174 1
: 113 0175 1 fao addition FAO parameter for message
: 114 0176 1
: 115 0177 1 IMPLICIT INPUTS:
: 116 0178 1
: 117 0179 1 NONE
: 118 0180 1
: 119 0181 1 IMPLICIT OUTPUTS:
: 120 0182 1
: 121 0183 1 NONE
: 122 0184 1
: 123 0185 1 COMPLETION CODES:
: 124 0186 1
: 125 0187 1 NONE
: 126 0188 1
: 127 0189 1 SIDE EFFECTS:
: 128 0190 1
: 129 0191 1 NONE
: 130 0192 1
: 131 0193 1 --
: 132 0194 1
: 133 0195 1 <BLF/PAGE>
```

RPG\$ERROR  
1-002

Signal non-I/O errors  
RPG\$ERROR - Signal non-I/O errors

E 13  
16-Sep-1984 02:14:21  
14-Sep-1984 13:04:17

VAX-11 Bliss-32 V4.0-742  
[RPGRTL.SRC]RPGERROR.B32;1

Page 4  
(4)

```

: 135      0196  2      BEGIN
: 136      0197  2
: 137      0198  2      BUILTIN
: 138      0199  2      ACTUALCOUNT ;
: 139      0200  2
: 140      0201  2      !+
: 141      0202  2      !- Signal the error
: 142      0203  2
: 143      0204  2      IF ACTUALCOUNT() GEQ 2
: 144      0205  2      THEN LIB$STOP (.ERROR, 1, .FAO)
: 145      0206  2      ELSE LIB$STOP (.ERROR);
: 146      0207  2
: 147      0208  1      END;

```

.TITLE RPG\$ERROR Signal non-I/O errors  
.IDENT \1-002\

.EXTRN LIB\$STOP

.PSECT \_RPG\$CODE,NOWRT, SHR, PIC,2

```

          0004 00000
52 00000000G 00 9E 00002
02          6C 91 00009
          0C 1F 0000C
          08 AC DD 0000E
          01 DD 00011
          04 AC DD 00013
62          03 FB 00016
          04 00019
          04 AC DD 0001A 1$:
62          01 FB 0001D
          04 00020

```

```

.ENTRY  RPG$ERROR, Save R2
MOVAB  LIB$STOP, R2
CMPB   (AP), #2
BLSSU  1$
PUSHL  FAO
PUSHL  #1
PUSHL  ERROR
CALLS  #3, LIB$STOP
RET
PUSHL  ERROR
CALLS  #1, LIB$STOP
RET

```

```

: 0157
: 0204
: 0205
:
: 0206
: 0208

```

: Routine Size: 33 bytes, Routine Base: \_RPG\$CODE + 0000

```

: 148      0209  1
: 149      0210  0 END ELUDOM

```

PSECT SUMMARY

Name	Bytes	Attributes
_RPG\$CODE	33	NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

RPG\$ERROR  
1-002

Signal non-I/O errors  
RPG\$ERROR - Signal non-I/O errors

F 13  
16-Sep-1984 02:14:21  
14-Sep-1984 13:04:17

VAX-11 Bliss-32 V4.0-742  
[RPGRTL.SRC]RPGERROR.B32;1

Page 5  
(4)

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$_255\$DUA28:[SYSLIB]STARLET.L32;1	9776	0	0	581	00:01.0
\$_255\$DUA28:[RPGRTL.OBJ]RPGLIB.L32;1	54	0	0	9	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:RPGERROR/OBJ=OBJ\$:RPGERROR MSRC\$:RPGERROR/UPDATE=(ENH\$:RPGERROR)

: Size: 33 code + 0 data bytes  
: Run Time: 00:03.0  
: Elapsed Time: 00:13.8  
: Lines/CPU Min: 4172  
: Lexemes/CPU-Min: 5086  
: Memory Used: 31 pages  
: Compilation Complete

