


```

XX      XX      CCCCCCCC      AAAAAA      SSSSSSSS      FFFFFFFFFF
XX      XX      CCCCCCCC      AAAAAA      SSSSSSSS      FFFFFFFFFF
XX      XX      CC          AA      AA      SS          FF
XX      XX      CC          AA      AA      SS          FF
  XX    XX      CC          AA      AA      SS          FF
  XX    XX      CC          AA      AA      SS          FF
    XX  XX      CC          AA      AA      SSSSSS      FFFFFFFF
    XX  XX      CC          AA      AA      SSSSSS      FFFFFFFF
      XX XX      CC          AAAAAAAAAA      SS          FF
      XX XX      CC          AAAAAAAAAA      SS          FF
XX      XX      CC          AA      AA      SS          FF
XX      XX      CC          AA      AA      SS          FF
XX      XX      CCCCCCCC      AA      AA      SSSSSSSS      FFFFFFFFFF
XX      XX      CCCCCCCC      AA      AA      SSSSSSSS      FFFFFFFFFF

```

```

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
LLLLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLLLL IIIIII SSSSSSSS

```



```

1 0001 0 MODULE XCASE ( !
2 0002 0 IDENT = 'V04-000'
3 P 0003 0 XBLISS32[
4 P 0004 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
5 0005 0 ]
6 0006 0 ) =
7 0007 1 BEGIN
8 0008 1
9 0009 1
10 0010 1 *****
11 0011 1 *
12 0012 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
13 0013 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
14 0014 1 * ALL RIGHTS RESERVED.
15 0015 1 *
16 0016 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
17 0017 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
18 0018 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
19 0019 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
20 0020 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
21 0021 1 * TRANSFERRED.
22 0022 1 *
23 0023 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
24 0024 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
25 0025 1 * CORPORATION.
26 0026 1 *
27 0027 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
28 0028 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
29 0029 1 *
30 0030 1 *
31 0031 1 *****
32 0032 1
33 0033 1 **
34 0034 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
35 0035 1
36 0036 1 ABSTRACT: Processes the .XLOWER and .XUPPER commands
37 0037 1
38 0038 1
39 0039 1 ENVIRONMENT: Transportable
40 0040 1
41 0041 1 AUTHOR: R.W.Friday CREATION DATE: July, 1980
42 0042 1

```

XCASE
V04-000

Revision History

D 4
16-Sep-1984 01:57:00
14-Sep-1984 13:08:25

VAX-11 Bliss-32 V4.0-742 Page 2
DISK\$VMSMASTER:[RUNOFF.SRC]XCASE.BLI;1

XT
V0

:	44	0043	1	%SBTTL 'Revision History'
:	45	0044	1	
:	46	0045	1	MODIFIED BY:
:	47	0046	1	
:	48	0047	1	002 KAD00002 Keith Dawson 07-Mar-1983
:	49	0048	1	Global edit of all modules. Updated module names, idents,
:	50	0049	1	copyright dates. Changed require files to BLISS library.
:	51	0050	1	
:	52	0051	1	--

.....

Module Level Declarations

```

54 0052 1 %SBTTL 'Module Level Declarations'
55 0053 1
56 0054 1 : TABLE OF CONTENTS:
57 0055 1 :
58 0056 1 :
59 0057 1 :
60 0058 1 : INCLUDE FILES:
61 0059 1 :
62 0060 1 :
63 0061 1 LIBRARY 'NXPORT:XPORT'; ! XPORT Library
64 0062 1 REQUIRE 'REQ:RNODEF'; ! RUNOFF variant definitions
65 0193 1
66 U 0194 1 %IF DSRPLUS %THEN
67 U 0195 1 LIBRARY 'REQ:DPDLLIB'; ! DSRPLUS BLISS Library
68 0196 1 %ELSE
69 0197 1 LIBRARY 'REQ:DSRLIB'; ! DSR BLISS Library
70 0198 1 %FI
71 0199 1
72 0200 1 :
73 0201 1 : MACROS:
74 0202 1 :
75 0203 1 :
76 0204 1 :
77 0205 1 : EQUATED SYMBOLS:
78 0206 1 :
79 0207 1 :
80 0208 1 :
81 0209 1 : OWN STORAGE:
82 0210 1 :
83 0211 1 :
84 0212 1 :
85 0213 1 : EXTERNAL REFERENCES:
86 0214 1 :
87 0215 1 :
88 0216 1 EXTERNAL
89 0217 1 gca : gca_definition;
```

Routine XCASE

```

91 0218 1 %SBTTL 'Routine XCASE'
92 0219 1 GLOBAL ROUTINE XCASE (HANDLER_CODE) : NOVALUE =
93 0220 1
94 0221 1 |**
95 0222 1 | FUNCTIONAL DESCRIPTION:
96 0223 1 |
97 0224 1 |     See the ABSTRACT, above
98 0225 1 |
99 0226 1 | FORMAL PARAMETERS:
100 0227 1 |
101 0228 1 |     HANDLER_CODE indicates which command is to be processed
102 0229 1 |
103 0230 1 | IMPLICIT INPUTS:      None
104 0231 1 |
105 0232 1 | IMPLICIT OUTPUTS:    None
106 0233 1 |
107 0234 1 | ROUTINE VALUE:
108 0235 1 | COMPLETION CODES:    None
109 0236 1 |
110 0237 1 | SIDE EFFECTS: None
111 0238 1 |
112 0239 1 | --
113 0240 1 |
114 0241 2 BEGIN
115 0242 2
116 0243 2 SELECTONE .HANDLER_CODE OF
117 0244 2 SET
118 0245 2
119 0246 2 [H_XLOWER] :
120 0247 3 BEGIN
121 0248 3 !The user said .XLOWER, which means that his file contains a mixture
122 0249 3 !of lower and upper case letters. That is taken to mean that the
123 0250 3 !index entries are already in the correct case. So make sure they
124 0251 3 !stay that way.
125 0252 3
126 0253 3 gca_xcase = leave_case;
127 0254 3 RETURN;
128 0255 3 END;
129 0256 2
130 0257 2 [H_XUPPER] :
131 0258 3 BEGIN
132 0259 3 !This is the default. The user has said .XUPPER, meaning that
133 0260 3 !the index entries were all typed in upper case. Therefore,
134 0261 3 !cause RUNOFF to do some zopropriate case conversions for them.
135 0262 3
136 0263 3 gca_xcase = one_cap;
137 0264 3 RETURN;
138 0265 3 END;
139 0266 2
140 0267 2 TES;
141 0268 1 END;

```

!End of XCASE

```

.TITLE XCASE
.IDENT \V04-000\
.EXTRN GCA

```


XCASE
V04-000

Routine XCASE

H 4
16-Sep-1984 01:57:00

VAX-11 Bliss-32 V4.0-742

Page 6

: Lexemes/CPU-Min: 8690
: Memory Used: 20 pages
: Compilation Complete

EX

Mo
-
MA
CL
CO
IN
DU
CR
SY
MA
DA
HA
LI
SD
PR
PA
RM
PO
DE
MM
LO
ST
FO
VA
LI
BU
RE
SY
LI
CL
SY
RM
LI
SY
SM
SY
LB
LI
SC
SM

FILE	XCASE LIS	SDA	SDADEF SQL	RMSDEF MAR
LNPUIS LIS	SDATEST MAP	SDA MAP	DCLDEF MAR	SOSDEF MAR
TPR LIS	XTAB LIS	TPROBE LIS	IMGDEF MAR	NETDEF MAR
VAXOPS REQ	MACROS MAR	CLUSTER LIS		