

000000

[illegible]


```
1 0001 0 %TITLE 'Setup character case translation rules'
2 0002 0 MODULE DOCASE (
3 0003 0 IDENT = 'V04-000'
4 P 0004 0 %BLISS32C,
5 P 0005 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
6 0006 0 ]
7 0007 0 ) =
8 0008 1 BEGIN
9 0009 1
10 0010 1 *****
11 0011 1 *
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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 .UPPER CASE and .LOWER CASE commands, and
37 0037 1 other case translation requests.
38 0038 1
39 0039 1
40 0040 1 ENVIRONMENT: Transportable
41 0041 1
42 0042 1 AUTHOR: R.W.Friday CREATION DATE: May, 1978
43 0043 1
```

DOCASE
V04-000

Setup character case translation rules
Revision History

G 2
16-Sep-1984 00:12:10
14-Sep-1984 13:05:58

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]DOCASE.BLI;1

Page 2
(2)

:	45	0044	1	%SBTTL 'Revision History'	
:	46	0045	1		
:	47	0046	1	MODIFIED BY:	
:	48	0047	1		
:	49	0048	1	003	REM00003 Ray Marshall 7-November-1983
:	50	0049	1		Added supporting logic for the case rules for the DEC multi-
:	51	0050	1		national character set.
:	52	0051	1		
:	53	0052	1	002	KFA00002 Ken Alden 07-Mar-1983
:	54	0053	1		Global edit of all modules. Updated module names, idents,
:	55	0054	1		copyright dates. Changed require files to BLISS library.
:	56	0055	1		
:	57	0056	1	--	


```

: 59      0057 1 %SBTTL 'Module Level Declarations'
: 60      0058 1
: 61      0059 1
: 62      0060 1 : TABLE OF CONTENTS:
: 63      0061 1 :
: 64      0062 1
: 65      0063 1 FORWARD ROUTINE
: 66      0064 1   SETCAS : NOVALUE;
: 67      0065 1
: 68      0066 1
: 69      0067 1 : INCLUDE FILES:
: 70      0068 1 :
: 71      0069 1
: 72      0070 1 LIBRARY 'NXPORT:XPORT';      ! XPORT Library
: 73      0071 1 REQUIRE 'REQ:RNODEF';      ! RUNOFF variant definitions
: 74      0202 1
: 75      U 0203 1 %IF DSRPLUS %THEN
: 76      U 0204 1 LIBRARY 'REQ:DPLLIB';      ! DSRPLUS BLISS Library
: 77      0205 1 %ELSE
: 78      0206 1 LIBRARY 'REQ:DSRLIB';      ! DSR BLISS Library
: 79      0207 1 %FI
: 80      0208 1
: 81      0209 1
: 82      0210 1 : MACROS:
: 83      0211 1 :
: 84      0212 1
: 85      0213 1 : EQUATED SYMBOLS:
: 86      0214 1 :
: 87      0215 1
: 88      0216 1 : OWN STORAGE:
: 89      0217 1 :
: 90      0218 1
: 91      0219 1 : EXTERNAL REFERENCES:
: 92      0220 1 :
: 93      0221 1
: 94      0222 1 EXTERNAL
: 95      0223 1   GCA : GCA_DEFINITION,
: 96      0224 1   SCA : SCA_DEFINITION;
: 97      0225 1
```

```
99 0226 1 GLOBAL ROUTINE DOCASE (HANDLER_CODE) : NOVALUE =
100 0227 1
101 0228 1 ++
102 0229 1 FUNCTIONAL DESCRIPTION:
103 0230 1
104 0231 1 Establishes the default case translation rules until they
105 0232 1 are changed.
106 0233 1
107 0234 1 FORMAL PARAMETERS:
108 0235 1
109 0236 1 HANDLER_CODE indicates the command that is to be processed.
110 0237 1
111 0238 1 IMPLICIT INPUTS: None
112 0239 1
113 0240 1 IMPLICIT OUTPUTS:
114 0241 1
115 0242 1 GCA_CASE is set to remember the case set by the most
116 0243 1 recent .UPPER CASE or .LOWER CASE command.
117 0244 1
118 0245 1 ROUTINE VALUE:
119 0246 1 COMPLETION CODES: None
120 0247 1
121 0248 1 SIDE EFFECTS: None
122 0249 1
123 0250 1 --
124 0251 1
125 0252 2 BEGIN
126 0253 2
127 0254 2 IF
128 0255 2 .HANDLER_CODE EQL H_UPPER_CASE
129 0256 2 THEN
130 0257 3 BEGIN
131 0258 3 GCA_CASE = LEAVE_CASE;
132 0259 3 SETCAS (LEAVE_CASE);
133 0260 3 END
134 0261 2 ELSE
135 0262 3 BEGIN
136 0263 3 GCA_CASE = FORCE_LOWER;
137 0264 3 SETCAS (FORCE_LOWER);
138 0265 3 END;
139 0266 2
140 0267 1 END;
```

!End of DOCASE

```
.TITLE DOCASE Setup character case translation rules
.IDENT \V04-000\
.EXTRN GCA, SCA
.FSECT $CODE$,NOWRT,2
```

```
000000CD 8F 04 AC D1 00002
00000000G 0A 12 0000A
FF D4 0000C
7E D4 00012
0A 11 00014
```

```
.ENTRY DOCASE, Save nothing
CMPL HANDLER_CODE, #205
BNEQ 1$
CLRL @GCA+128
CLRL -(SP)
BRB 2$
```

```
: 0226
: 0255
:
: 0258
: 0259
:
```


DOCASE
V04-000

Setup character case translation rules
Module Level Declarations

J 2
16-Sep-1984 00:12:10
14-Sep-1984 13:05:58

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]DOCASE.BLI;1

Page 5
(4)

00000000G	FF	01	CE	00016	1\$:	MNEGL	#1, @GCA+128
	7E	01	CE	0001D		MNEGL	#1, -(SP)
00000000V	EF	01	FB	00020	2\$:	CALLS	#1, SETCAS
		04		00027		RET	

: 0263
: 0264
: 0267

; Routine Size: 40 bytes, Routine Base: \$CODE\$ + 0000

; 141 0268 1

DOC
V04

```
143 0269 1 GLOBAL ROUTINE SETCAS (TRANSLATION) : NOVALUE =      !
144 0270 1
145 0271 1 !++
146 0272 1 FUNCTIONAL DESCRIPTION:
147 0273 1
148 0274 1     This routine sets up case rules.
149 0275 1
150 0276 1 FORMAL PARAMETERS:
151 0277 1
152 0278 1     TRANSLATION can have one of the values defined in SETCAS.REQ.
153 0279 1
154 0280 1 IMPLICIT INPUTS:
155 0281 1
156 0282 1     SCA_WORD_SET:
157 0283 1     If being called as a result of a command, then SCA_WORD_SET
158 0284 1     will be FALSE, so case translation will be established
159 0285 1     for everything. If not being called as a result of a command,
160 0286 1     case rules for the current word take precedence over the
161 0287 1     default case translation. For example, assuming the normal
162 0288 1     flag character definitions, and the capitalize flag enabled,
163 0289 1     the sequence ^^<lower generates 'LOWER', as should <^^lower.
164 0290 1     The latter situation is what the SCA_WORD_SET test catches.
165 0291 1     In any case, the requested case translation takes effect as
166 0292 1     soon as a new word is started, or SCA_WORD_SET becomes false.
167 0293 1
168 0294 1 IMPLICIT OUTPUTS:      None
169 0295 1
170 0296 1 ROUTINE VALUE:
171 0297 1 COMPLETION CODES:      None
172 0298 1
173 0299 1 SIDE EFFECTS: None
174 0300 1
175 0301 1 --
176 0302 1
177 0303 2 BEGIN
178 0304 2
179 0305 2 CASE .TRANSLATION FROM SETCASE_LOW TO SETCASE_HIGH OF
180 0306 2 SET
181 0307 2
182 0308 2 [FORCE_UPPER] :
183 0309 2 !Force all letters to upper case.
184 0310 3 BEGIN
185 0311 3 IF NOT .SCA_WORD_SET
186 0312 3 THEN
187 0313 3 !Case rules take effect immediately.
188 0314 4 BEGIN
189 0315 4 SCA_WRD_FC_LT = %C'A' - %C'a';
190 0316 4 SCA_WRD_FC_UT = 0;
191 0317 4 SCA_WRD_OC_LT = %C'A' - %C'a';
192 0318 4 SCA_WRD_OC_UT = 0;
193 0319 4
194 0320 4 SCA_MNWRD_FC_LT = %DECIMAL'192' - %DECIMAL'224';
195 0321 4 SCA_MNWRD_FC_UT = 0;
196 0322 4 SCA_MNWRD_OC_LT = %DECIMAL'192' - %DECIMAL'224';
197 0323 4 SCA_MNWRD_OC_UT = 0;
198 0324 3 END;
199 0325 3
```



```
200 0326 SCA_FCBE_LT = %C'A' - %C'a';
201 0327 SCA_FCBE_UT = 0;
202 0328 SCA_OCBE_LT = %C'A' - %C'a';
203 0329 SCA_OCBE_UT = 0;
204 0330 SCA_FC_LT = %C'A' - %C'a';
205 0331 SCA_FC_UT = 0;
206 0332 SCA_OC_LT = %C'A' - %C'a';
207 0333 SCA_OC_UT = 0;
208 0334
209 0335 SCA_MNFCBE_LT = %DECIMAL'192' - %DECIMAL'224';
210 0336 SCA_MNFCBE_UT = 0;
211 0337 SCA_MNOCBE_LT = %DECIMAL'192' - %DECIMAL'224';
212 0338 SCA_MNOCBE_UT = 0;
213 0339 SCA_MNFC_LT = %DECIMAL'192' - %DECIMAL'224';
214 0340 SCA_MNFC_UT = 0;
215 0341 SCA_MNOC_LT = %DECIMAL'192' - %DECIMAL'224';
216 0342 SCA_MNOC_UT = 0;
217 0343 END;
218 0344
219 0345 [FORCE_LOWER] :
220 0346 !Force all letters to lower case.
221 0347 BEGIN
222 0348
223 0349 IF NOT .SCA_WORD_SET
224 0350 THEN
225 0351 !Case translation takes effect immediately.
226 0352 BEGIN
227 0353 SCA_WRD_FC_LT = 0;
228 0354 SCA_WRD_OC_LT = 0;
229 0355 SCA_WRD_FC_UT = %C'a' - %C'A';
230 0356 SCA_WRD_OC_UT = %C'a' - %C'A';
231 0357
232 0358 SCA_MNWRD_FC_LT = 0;
233 0359 SCA_MNWRD_OC_LT = 0;
234 0360 SCA_MNWRD_FC_UT = %DECIMAL'224' - %DECIMAL'192';
235 0361 SCA_MNWRD_OC_UT = %DECIMAL'224' - %DECIMAL'192';
236 0362 END;
237 0363
238 0364 SCA_FC_LT = 0;
239 0365 SCA_OC_LT = 0;
240 0366 SCA_FC_UT = %C'a' - %C'A';
241 0367 SCA_OC_UT = %C'a' - %C'A';
242 0368 SCA_FCBE_LT = 0;
243 0369 SCA_FCBE_UT = %C'a' - %C'A';
244 0370 SCA_OCBE_LT = 0;
245 0371 SCA_OCBE_UT = %C'a' - %C'A';
246 0372
247 0373 SCA_MNFC_LT = 0;
248 0374 SCA_MNOC_LT = 0;
249 0375 SCA_MNFC_UT = %DECIMAL'224' - %DECIMAL'192';
250 0376 SCA_MNOC_UT = %DECIMAL'224' - %DECIMAL'192';
251 0377 SCA_MNFCBE_LT = 0;
252 0378 SCA_MNFCBE_UT = %DECIMAL'224' - %DECIMAL'192';
253 0379 SCA_MNOCBE_LT = 0;
254 0380 SCA_MNOCBE_UT = %DECIMAL'224' - %DECIMAL'192';
255 0381 END;
256 0382
```

```
257 0383 2 [LEAVE_CASE] :
258 0384 2 !Don't change case at all.
259 0385 2 BEGIN
260 0386 2
261 0387 2 IF NOT .SCA_WORD_SET
262 0388 2 THEN
263 0389 2 !Case rules take effect immediately.
264 0390 2 BEGIN
265 0391 2 SCA_WRD_FC_LT = 0;
266 0392 2 SCA_WRD_FC_UT = 0;
267 0393 2 SCA_WRD_OC_LT = 0;
268 0394 2 SCA_WRD_OC_UT = 0;
269 0395 2
270 0396 2 SCA_MNWRD_FC_LT = 0;
271 0397 2 SCA_MNWRD_FC_UT = 0;
272 0398 2 SCA_MNWRD_OC_LT = 0;
273 0399 2 SCA_MNWRD_OC_UT = 0;
274 0400 2 END;
275 0401 2
276 0402 2 SCA_FCBE_LT = 0;
277 0403 2 SCA_FCBE_UT = 0;
278 0404 2 SCA_OCBE_LT = 0;
279 0405 2 SCA_OCBE_UT = 0;
280 0406 2 SCA_FC_LT = 0;
281 0407 2 SCA_FC_UT = 0;
282 0408 2 SCA_OC_LT = 0;
283 0409 2 SCA_OC_UT = 0;
284 0410 2
285 0411 2 SCA_MNFCBE_LT = 0;
286 0412 2 SCA_MNFCBE_UT = 0;
287 0413 2 SCA_MNOCBE_LT = 0;
288 0414 2 SCA_MNOCBE_UT = 0;
289 0415 2 SCA_MNFC_LT = 0;
290 0416 2 SCA_MNFC_UT = 0;
291 0417 2 SCA_MNOC_LT = 0;
292 0418 2 SCA_MNOC_UT = 0;
293 0419 2 END;
294 0420 2
295 0421 2 [FIRST_CAPS] :
296 0422 2 !Capitalize words.
297 0423 2 BEGIN
298 0424 2 LOCAL
299 0425 2 OTHER_CASE_MN, ! Multinational char. set flag
300 0426 2 OTHER_CASE;
301 0427 2
302 0428 2 IF .GCA_CASE EQL FORCE_LOWER
303 0429 2 THEN
304 0430 2 BEGIN
305 0431 2 !For files all in upper case, force remaining
306 0432 2 !characters to lower case;
307 0433 2 OTHER_CASE = %C'a' - %C'A';
308 0434 2 OTHER_CASE_MN = %DECIMAL'224' - %DECIMAL'192'
309 0435 2 END
310 0436 2 ELSE
311 0437 2 BEGIN
312 0438 2 !For files from terminals having both upper and
313 0439 2 !lower case, leave remaining characters alone.
```



```
.. 314      0440      4          OTHER_CASE = 0;
.. 315      0441      4          OTHER_CASE_MN = 0;
.. 316      0442      4          END;
.. 317      0443      4          !
.. 318      0444      4          IF NOT .SCA_WORD_SET
.. 319      0445      4          THEN
.. 320      0446      4              !Case rules take effect immediately.
.. 321      0447      4              BEGIN
.. 322      0448      4                  SCA_WRD_FC_LT = %C'A' - %C'a';
.. 323      0449      4                  SCA_WRD_FC_UT = 0;
.. 324      0450      4                  SCA_WRD_OC_LT = 0;
.. 325      0451      4                  SCA_WRD_OC_UT = .OTHER_CASE;
.. 326      0452      4
.. 327      0453      4                  SCA_MNWRD_FC_LT = %DECIMAL'192' - %DECIMAL'224';
.. 328      0454      4                  SCA_MNWRD_FC_UT = 0;
.. 329      0455      4                  SCA_MNWRD_OC_LT = 0;
.. 330      0456      4                  SCA_MNWRD_OC_UT = .OTHER_CASE_MN
.. 331      0457      4                  END;
.. 332      0458      4
.. 333      0459      4                  SCA_FCBE_LT = %C'A' - %C'a';
.. 334      0460      4                  SCA_FCBE_UT = 0;
.. 335      0461      4                  SCA_OCBE_LT = 0;
.. 336      0462      4                  SCA_OCBE_UT = .OTHER_CASE;
.. 337      0463      4                  SCA_FC_LT = %C'A' - %C'a';
.. 338      0464      4                  SCA_FC_UT = 0;
.. 339      0465      4                  SCA_OC_LT = 0;
.. 340      0466      4                  SCA_OC_UT = .OTHER_CASE;
.. 341      0467      4
.. 342      0468      4                  SCA_MNFCBE_LT = %DECIMAL'192' - %DECIMAL'224';
.. 343      0469      4                  SCA_MNFCBE_UT = 0;
.. 344      0470      4                  SCA_MNOCBE_LT = 0;
.. 345      0471      4                  SCA_MNOCBE_UT = .OTHER_CASE_MN;
.. 346      0472      4                  SCA_MNFC_LT = %DECIMAL'192' - %DECIMAL'224';
.. 347      0473      4                  SCA_MNFC_UT = 0;
.. 348      0474      4                  SCA_MNOC_LT = 0;
.. 349      0475      4                  SCA_MNOC_UT = .OTHER_CASE_MN
.. 350      0476      4                  END;
.. 351      0477      4
.. 352      0478      4          [ONE CAP] :
.. 353      0479      4              !Capitalize first word, all other letters to lower case.
.. 354      0480      4              BEGIN
.. 355      0481      4                  !Case translation takes effect immediately.
.. 356      0482      4                  SCA_WRD_FC_LT = %C'A' - %C'a';
.. 357      0483      4                  SCA_WRD_OC_LT = 0;
.. 358      0484      4                  SCA_WRD_FC_UT = 0;
.. 359      0485      4                  SCA_WRD_OC_UT = %C'a' - %C'A';
.. 360      0486      4
.. 361      0487      4                  SCA_FC_LT = 0;
.. 362      0488      4                  SCA_OC_LT = 0;
.. 363      0489      4                  SCA_FC_UT = %C'a' - %C'A';
.. 364      0490      4                  SCA_OC_UT = %C'a' - %C'A';
.. 365      0491      4                  SCA_FCBE_LT = 0;
.. 366      0492      4                  SCA_FCBE_UT = %C'a' - %C'A';
.. 367      0493      4                  SCA_OCBE_LT = 0;
.. 368      0494      4                  SCA_OCBE_UT = %C'a' - %C'A';
.. 369      0495      4
.. 370      0496      4                  SCA_MNWRD_FC_LT = %DECIMAL'192' - %DECIMAL'224';
```



```

371      0497      3      SCA_MNWRD_OC_LT = 0;
372      0498      3      SCA_MNWRD_FC_UT = 0;
373      0499      3      SCA_MNWRD_OC_UT = %DECIMAL'224' - %DECIMAL'192';
374      0500      3
375      0501      3      SCA_MNFC_LT = 0;
376      0502      3      SCA_MNOC_LT = 0;
377      0503      3      SCA_MNFC_UT = %DECIMAL'224' - %DECIMAL'192';
378      0504      3      SCA_MNOC_UT = %DECIMAL'224' - %DECIMAL'192';
379      0505      3      SCA_MNFCBE_LT = 0;
380      0506      3      SCA_MNFCBE_UT = %DECIMAL'224' - %DECIMAL'192';
381      0507      3      SCA_MNOCBE_LT = 0;
382      0508      3      SCA_MNOCBE_UT = %DECIMAL'224' - %DECIMAL'192';
383      0509      2      END;
384      0510      2      TES;
385      0511      2
386      0512      1      END;
                                !End of SETC

```

!End of SETCAS

					0004	00000	.ENTRY	SETCAS, Save R2	: 0269
		52	00000000G	EF	9E	00002	MOVAB	SCA+16, R2	:
	04 FFFFFFFF	8F	04	AC	CF	00009	CASEL	TRANSLATION, #-1, #4	: 0305
00AE	000A	0083		0057		00012	.WORD	4\$-1\$, -	:
				011A		0001A		6\$-1\$, -	:
								2\$-1\$, -	:
								9\$-1\$, -	:
								13\$-1\$	:
	1B	50	A2	E8	0001C	2\$:	BLBS	SCA+96, 3\$	: 0311
04	A2		20	CE	00020		MNEGL	#32, SCA+20	: 0315
			62	D4	00024		CLRL	SCA+16	: 0316
0C	A2		20	CE	00026		MNEGL	#32, SCA+28	: 0317
		08	A2	D4	0002A		CLRL	SCA+24	: 0318
34	A2		20	CE	0002D		MNEGL	#32, SCA+68	: 0320
		30	A2	D4	00031		CLRL	SCA+64	: 0321
3C	A2		20	CE	00034		MNEGL	#32, SCA+76	: 0322
		38	A2	D4	00038		CLRL	SCA+72	: 0323
18	A2		20	CE	0003B	3\$:	MNEGL	#32, SCA+40	: 0326
1C	A2		20	CE	0003F		MNEGL	#32, SCA+44	: 0328
		10	A2	7C	00043		CLRQ	SCA+32	: 0327
F8	A2		20	CE	00046		MNEGL	#32, SCA+8	: 0330
FC	A2		20	CE	0004A		MNEGL	#32, SCA+12	: 0332
		F0	A2	7C	0004E		CLRQ	SCA	: 0331
48	A2		20	CE	00051		MNEGL	#32, SCA+88	: 0335
4C	A2		20	CE	00055		MNEGL	#32, SCA+92	: 0337
		40	A2	7C	00059		CLRQ	SCA+80	: 0336
28	A2		20	CE	0005C		MNEGL	#32, SCA+56	: 0339
		20	A2	D4	00060		CLRL	SCA+48	: 0340
2C	A2		20	CE	00063		MNEGL	#32, SCA+60	: 0341
			53	11	00067		BRB	8\$	: 0342
	0F	50	A2	E8	00069	4\$:	BLBS	SCA+96, 5\$	: 0349
08	A2		20	7D	0006D		MOVQ	#32, SCA+24	: 0356
	62		20	7D	00071		MOVQ	#32, SCA+16	: 0355
38	A2		20	7D	00074		MOVQ	#32, SCA+72	: 0361
30	A2		20	7D	00078		MOVQ	#32, SCA+64	: 0360
		F8	A2	7C	0007C	5\$:	CLRQ	SCA+8	: 0364

F0	A2	20	D0	0007F	MCVL	#32, SCA	0366
F4	A2	20	D0	00083	MOVL	#32, SCA+4	0367
10	A2	20	D0	00087	MOVL	#32, SCA+32	0369
		18	A2	7C 0008B	CLRQ	SCA+40	0368
14	A2	20	D0	0008E	MOVL	#32, SCA+36	0371
		00C2	31	00092	BRW	14\$	0373
	0B	50	A2	E8 00095	BLBS	SCA+96, 7\$	0387
		62	7C	00099	CLRQ	SCA+16	0392
		08	A2	7C 0009B	CLRQ	SCA+24	0394
		30	A2	7C 0009E	CLRQ	SCA+64	0397
		38	A2	7C 000A1	CLRQ	SCA+72	0399
		18	A2	7C 000A4	CLRQ	SCA+40	0402
		10	A2	7C 000A7	CLRQ	SCA+32	0403
		F8	A2	7C 000AA	CLRQ	SCA+8	0406
		F0	A2	7C 000AD	CLRQ	SCA	0407
		48	A2	7C 000B0	CLRQ	SCA+88	0411
		40	A2	7C 000B3	CLRQ	SCA+80	0412
		20	A2	D4 000B6	CLRL	SCA+48	0416
		28	A2	7C 000B9	CLRQ	SCA+56	0415
		24	A2	D4 000BC	CLRL	SCA+52	0418
			04	000BF	RET		0305
FFFFFFFF	8F	00000000G	FF	D1 000C0	9\$:	CMP	0428
			08	12 000CB	BNEQ	@GCA+128, #-1	
	50		20	D0 000CD	MOVL	10\$	0433
	51		20	D0 000D0	MOVL	#32, OTHER_CASE	0434
			02	11 000D3	BRB	#32, OTHER_CASE_MN	
			50	7C 000D5	10\$:	CLRQ	0440
	1B	50	A2	E8 000D7	11\$:	BLBS	0444
04	A2		20	CE 000DB	MNEGL	SCA+96, 12\$	0448
			62	D4 000DF	CLRL	#32, SCA+20	0449
		0C	A2	D4 000E1	CLRL	SCA+16	0450
08	A2		50	D0 000E4	MOVL	SCA+28	0451
34	A2		20	CE 000E8	MNEGL	OTHER_CASE, SCA+24	0453
		30	A2	D4 000EC	CLRL	#32, SCA+68	0454
		3C	A2	D4 000EF	CLRL	SCA+64	0455
38	A2		51	D0 000F2	MOVL	SCA+76	0456
18	A2		20	CE 000F6	12\$:	OTHER_CASE_MN, SCA+72	0459
		10	A2	D4 000FA	MNEGL	#32, SCA+40	0460
14	A2		50	D0 000FD	CLRL	SCA+32	0462
F8	A2		20	CE 00101	MOVL	OTHER_CASE, SCA+36	0463
		F0	A2	D4 00105	MNEGL	#32, SCA+8	0464
		FC	A2	D4 00108	CLRL	SCA	0465
F4	A2		50	D0 0010B	CLRL	SCA+12	0466
48	A2		20	CE 0010F	MOVL	OTHER_CASE, SCA+4	0468
		40	A2	D4 00113	MNEGL	#32, SCA+88	0469
		4C	A2	D4 00116	CLRL	SCA+80	0470
44	A2		51	D0 00119	CLRL	SCA+92	0471
28	A2		20	CE 0011D	MOVL	OTHER_CASE_MN, SCA+84	0472
		1C	A2	7C 00121	MNEGL	#32, SCA+56	0461
		2C	A2	D4 00124	CLRQ	SCA+44	0474
24	A2		51	D0 00127	CLRL	SCA+60	0475
			04	0012B	MOVL	OTHER_CASE_MN, SCA+52	
04	A2		20	CE 0012C	RET		0482
			62	D4 00130	MNEGL	#32, SCA+20	0484
08	A2		20	7D 00132	CLRL	SCA+16	0485
		F8	A2	7C 00136	MOVQ	#32, SCA+24	0487
F0	A2		20	D0 00139	CLRQ	SCA+8	0489
					MOVL	#32, SCA	

F4	A2	20	D0	0013D	MOVL	#32, SCA+4	: 0490
10	A2	20	D0	00141	MOVL	#32, SCA+32	: 0492
		18	A2	7C 00145	CLRQ	SCA+40	: 0491
14	A2	20	D0	00148	MOVL	#32, SCA+36	: 0494
34	A2	20	CE	0014C	MNEGL	#32, SCA+68	: 0496
		30	A2	D4 00150	CLRL	SCA+64	: 0498
38	A2	20	7D	00153	MOVQ	#32, SCA+72	: 0499
		28	A2	7C 00157	CLRQ	SCA+56	: 0501
20	A2	20	D0	0015A	MOVL	#32, SCA+48	: 0503
24	A2	20	D0	0015E	MOVL	#32, SCA+52	: 0504
40	A2	20	D0	00162	MOVL	#32, SCA+80	: 0506
		48	A2	7C 00166	CLRQ	SCA+88	: 0505
44	A2	20	D0	00169	MOVL	#32, SCA+84	: 0508
			04	0016D	RET		: 0512

; Routine Size: 366 bytes, Routine Base: \$CODE\$ + 0028

```
: 387      0513 1
: 388      0514 1 END
: 389      0515 0 ELUDOM
```

!End of module

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	406	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.2
\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	38	3	86	00:00.3

COMMAND QUALIFIERS

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

```
: Size:      406 code + 0 data bytes
: Run Time:   00:14.0
: Elapsed Time: 00:28.9
```


DOCASE
V04-000

Setup character case translation rules
Module Level Declarations

E 3
16-Sep-1984 00:12:10

VAX-11 Bliss-32 V4.0-742

Page 13

: Lines/CPU Min: 2202
: Lexemes/CPU-Min: 21665
: Memory Used: 97 pages
: Compilation Complete

DOC
V04-

0339

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