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GGGGGGGG  EEEEEEEEEE  TTTTTTTTTT  QQQQQQ  CCCCCCCC
GGGGGGGG  EEEEEEEEEE  TTTTTTTTTT  QQQQQQ  CCCCCCCC
GG        EE          TT          QQ      QQ      CC
GG        EE          TT          QQ      QQ      CC
GG        EE          TT          QQ      QQ      CC
GG        EE          TT          QQ      QQ      CC
GG        EEEEEEEE  TT          QQ      QQ      CC
GG        EEEEEEEE  TT          QQ      QQ      CC
GG  GGGGGG  EE          TT          QQ  QQ  QQ      CC
GG  GGGGGG  EE          TT          QQ  QQ  QQ      CC
GG        GG      EE          TT          QQ      QQ      CC
GG        GG      EE          TT          QQ      QQ      CC
GGGGGG  EEEEEEEEEE  TT          QQ      QQ      CCCCCCCC
GGGGGG  EEEEEEEEEE  TT          QQ      QQ      CCCCCCCC

```

```

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
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS

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P 0001 0 MODULE getqc ( IDENT = 'V04-000'
0002 0 %BLISS32C, ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE,
0003 0 NONEXTERNAL = LONG_RELATIVE)
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1 ++
0031 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
0032 1
0033 1 ABSTRACT: Attempts to get a single character enclosed in quotes.
0034 1
0035 1 ENVIRONMENT: Transportable
0036 1
0037 1 AUTHOR: R.W.Friday CREATION DATE: May, 1979
0038 1
0039 1

```

GETQC  
V04-000

Revision History

D 5  
16-Sep-1984 00:40:47  
14-Sep-1984 13:06:33

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

\*\*F

:	41	0040	1	%SBTTL 'Revision History'
:	42	0041	1	
:	43	0042	1	MODIFIED BY:
:	44	0043	1	
:	45	0044	1	002 RER00002 Ron Randall 07-Mar-1983
:	46	0045	1	Global edit of all modules. Updated module names, idents,
:	47	0046	1	copyright dates. Changed require files to BLISS library.
:	48	0047	1	
:	49	0048	1	--
:	50	0049	1	

Module Level Declarations

```

: 52 0050 1 %SBTTL 'Module Level Declarations'
: 53 0051 1
: 54 0052 1
: 55 0053 1 : TABLE OF CONTENTS:
: 56 0054 1
: 57 0055 1 : INCLUDE FILES:
: 58 0056 1
: 59 0057 1 LIBRARY 'NXPOR:XPOR'; : XPORT Library
: 60 0058 1 REQUIRE 'REQ:RNODEF'; : RUNOFF variant definitions
: 61 0189 1
: 62 U 0190 1 %IF DSRPLUS %THEN
: 63 U 0191 1 LIBRARY 'REQ:DPLLIB'; : DSRPLUS BLISS Library
: 64 0192 1 %ELSE
: 65 0193 1 LIBRARY 'REQ:DSRLIB'; : DSR BLISS Library
: 66 0194 1 %FI
: 67 0195 1
: 68 0196 1
: 69 0197 1 : EXTERNAL REFERENCES:
: 70 0198 1
: 71 0199 1 EXTERNAL
: 72 0200 1 FS01 : FIXED_STRING;
: 73 0201 1
: 74 0202 1 EXTERNAL LITERAL !Error messages
: 75 0203 1 RNFMQS,
: 76 0204 1 RNFQST;
: 77 0205 1
: 78 0206 1 EXTERNAL ROUTINE
: 79 0207 1 ERMA,
: 80 0208 1 GETQS;
: 81 0209 1
```

```

83 0210 1 GLOBAL ROUTINE GETQC =
84 0211 1
85 0212 1  !+
86 0213 1  FUNCTIONAL DESCRIPTION:
87 0214 1
88 0215 1      GETQC attempts to get a quoted string that consists of precisely one character.
89 0216 1      If such an animal is found, the character enclosed in quotes is returned.  If
90 0217 1      no quoted character is found, the value -2 is returned.  The value -2 is returned
91 0218 1      in the case of an error, in which case an error message will have been issued as well.
92 0219 1      Note that if the user specifies an empty quoted string, the value 0 is returned.
93 0220 1
94 0221 1  FORMAL PARAMETERS:      None
95 0222 1
96 0223 1  IMPLICIT INPUTS:      None
97 0224 1
98 0225 1  IMPLICIT OUTPUTS:     None
99 0226 1
100 0227 1  ROUTINE VALUE:
101 0228 1  COMPLETION CODES:
102 0229 1
103 0230 1      See above
104 0231 1
105 0232 1  SIDE EFFECTS:      None
106 0233 1  --
107 0234 1
108 0235 2  BEGIN
109 0236 2  LOCAL
110 0237 2  GETQS_RESULT;
111 0238 2
112 0239 2  !Initialize working storage.
113 0240 2  FS_INIT (FS01);
114 0241 2  !Attempt to get a quoted string.
115 0242 2  GETQS_RESULT = GETQS (FS01);
116 0243 2
117 0244 2  !See if user did specify a quoted string.
118 0245 2  IF .GETQS_RESULT EQL GETQS_NONE
119 0246 2  THEN
120 0247 2  !No quoted string found.
121 0248 2  RETURN -1;
122 0249 2
123 0250 2  IF (.GETQS_RESULT EQL GETQS_TOO_LONG) OR
124 0251 2  (.FS_LENGTH (FS01) GTR 1)      !User can specify only a single character.
125 0252 2  THEN
126 0253 2  BEGIN
127 0254 2  ERMA (RNFSQ, FALSE);
128 0255 2  RETURN -2
129 0256 2  END
130 0257 2  ELSE
131 0258 2
132 0259 2  IF .GETQS_RESULT EQL GETQS_BAD
133 0260 2  THEN
134 0261 2  !Something's wrong with the quoted string.
135 0262 2  BEGIN
136 0263 2  ERMA (RNFMQS, TRUE);
137 0264 2  RETURN -2
138 0265 2  END
139 0266 2  ELSE

```

```

140 0267 2 !The user has correctly specified a single quoted character.
141 0268 BEGIN
142 0269 LOCAL
143 0270 X;
144 0271
145 0272 !Return the quoted character
146 0273 IF .FS_LENGTH (FS01) EQL 0
147 0274 !User input an empty quoted string.
148 0275 THEN
149 0276 RETURN 0;
150 0277
151 0278 X = .FS_START (FS01);
152 0279 RETURN CHRCHAR (.X)
153 0280 END
154 0281
155 0282 1 END;

```

!End of GETQC

					.TITLE	GETQC		
					.IDENT	\V04-000\		
					.EXTRN	FS01, RNFMQS, RNFQST		
					.EXTRN	ERMA, GETQS		
					.PSECT	\$CODE\$,NOWRT,2		
					.ENTRY	GETQC, Save R2		0210
					MOVAB	FS01, R2		
					CLRL	FS01+12		0240
					MOVAB	FS01+16, FS01		
					MOVL	FS01, FS01+4		
					PUSHL	R2		0242
					CALLS	#1, GETQS		
					CMPL	GETQS_RESULT, #3		0245
					BNEQ	1\$		
					MNEGL	#1, R0		0248
					RET			
					CMPL	GETQS_RESULT, #2		0250
					BEQL	2\$		
					CMPL	FS01+12, #1		0251
					BLEQ	3\$		
					CLRL	-(SP)		0254
					PUSHL	#RNFQST		
					BRB	4\$		
					CMPL	GETQS_RESULT, #1		0259
					BNEQ	5\$		
					PUSHL	#1		0263
					PUSHL	#RNFMQS		
					CALLS	#2, ERMA		
					MNEGL	#2, R0		0264
					RET			
					TSTL	FS01+12		0273
					BEQL	6\$		
					MOVL	FS01, X		0278
					MOVZBL	(X), R0		0279
					RET			0259
					CLRL	R0		0282

GETQC  
V04-000

Module Level Declarations

H 5  
16-Sep-1984 00:40:47  
14-Sep-1984 13:06:33

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]GETQC.BLI;1 (4) Page 6

GLB  
V04

04 00061 RET ;

: Routine Size: 98 bytes, Routine Base: \$CODE\$ + 0000

: 156 0283 1  
: 157 0284 1 END !End of module  
: 158 0285 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	98	NOVEC,NOWRT, RD, EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
_\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0 0	252	00:00.1
_\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	13 1	86	00:00.3

COMMAND QUALIFIERS

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

: Size: 98 code + 0 data bytes  
: Run Time: 00:03.5  
: Elapsed Time: 00:11.6  
: Lines/CPU Min: 4927  
: Lexemes/CPU-Min: 11152  
: Memory Used: 37 pages  
: Compilation Complete

