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DDDDDDDD LL EEEEEEEEEE
DDDDDDDD LL EEEEEEEEEE
DD DD LL EE
DD DD LL EE
DD DD LL EE
DD DD LL EE
DD DD LL EEEEEEEE
DD DD LL EEEEEEEE
DD DD LL EE
DD DD LL EE
DD DD LL EE
DD DD LL EE
DDDDDDDD LLLLLLLLLL EEEEEEEEEE
DDDDDDDD LLLLLLLLLL EEEEEEEEEE
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LL IIIIII SSSSSSSS
LL IIIIII SSSSSSSS
LL II SS
LL II SS
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LL II SSSSSS
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LLLLLLLLLL IIIIII SSSSSSSS
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0001 0 MODULE DLE ( IDENT = 'V04-000'
0002 0
0003 0 %BLISS32[
0004 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
0005 0 ]
0006 0 ) =
0007 1 BEGIN
0008 1
0009 1 *****
0010 1 *
0011 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0028 1 *
0029 1 *
0030 1 *****
0031 1
0032 1 ++
0033 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
0034 1
0035 1 ABSTRACT: Processes the .DISPLAY ELEMENTS command.
0036 1
0037 1
0038 1 ENVIRONMENT: Transportable
0039 1
0040 1 AUTHOR: R.W.Friday CREATION DATE: May, 1979
0041 1

```

Revision History

:	43	0042	1	%SBTTL 'Revision History'
:	44	0043	1	
:	45	0044	1	MODIFIED BY:
:	46	0045	1	
:	47	0046	1	002 KFA00002 Ken Alden 07-Mar-1983
:	48	0047	1	Global edit of all modules. Updated module names, idents,
:	49	0048	1	copyright dates. Changed require files to BLISS library.
:	50	0049	1	
:	51	0050	1	--

Module Level Declarations

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53 0051 1 %SBTTL 'Module Level Declarations'
54 0052 1
55 0053 1 : TABLE OF CONTENTS:
56 0054 1 :
57 0055 1
58 0056 1
59 0057 1 : INCLUDE FILES:
60 0058 1 :
61 0059 1
62 0060 1 LIBRARY 'NXPORT:XPORT';
63 0061 1 REQUIRE 'REQ:RNODEF';
64 0192 1
65 U 0193 1 %IF DSRPLUS %THEN
66 U 0194 1 LIBRARY 'REQ:DPLLIB';
67 0195 1 %ELSE
68 0196 1 LIBRARY 'REQ:DSRLIB';
69 0197 1 %FI
70 0198 1
71 0199 1
72 0200 1 : MACROS:
73 0201 1 :
74 0202 1
75 0203 1
76 0204 1 : EQUATED SYMBOLS:
77 0205 1 :
78 0206 1
79 0207 1
80 0208 1 : OWN STORAGE:
81 0209 1 :
82 0210 1
83 0211 1
84 0212 1 : EXTERNAL REFERENCES:
85 0213 1
86 0214 1 EXTERNAL
87 0215 1 LSTCHR : REF VECTOR,
88 0216 1 LSTCNT : REF COUNTED_LIST,
89 0217 1 LSTLCH : REF VECTOR,
90 0218 1 LSTRCH : REF VECTOR,
91 0219 1 LSTLDD : REF VECTOR,
92 0220 1 FS01 : FIXED_STRING,
93 0221 1 IRA : FIXED_STRING;
94 0222 1
95 0223 1 EXTERNAL ROUTINE
96 0224 1 GETDD,
97 0225 1 GETQC,
98 0226 1 GETQS,
99 0227 1 RSKIPS,
100 0228 1 SKPSEP;

```

```

! XPORT Library
! RUNOFF variant definitions
! DSRPLUS BLISS Library
! DSR BLISS Library

```

Module Level Declarations

```
102 0229 1 GLOBAL ROUTINE DLE (HANDLER) : NOVALUE = !
103 0230 1
104 0231 1 !++
105 0232 1 ! FUNCTIONAL DESCRIPTION:
106 0233 1 !
107 0234 1 ! See the ABSTRACT for a general description.
108 0235 1 !
109 0236 1 ! FORMAL PARAMETERS:
110 0237 1 !
111 0238 1 ! HANDLER is a dummy parameter passed for conformance only.
112 0239 1 !
113 0240 1 ! IMPLICIT INPUTS:
114 0241 1 !
115 0242 1 !
116 0243 1 ! IMPLICIT OUTPUTS: None
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 LOCAL
127 0254 2 DISPLAY_CODE,
128 0255 2 GETDD_RESULT,
129 0256 2 GETQC_RESULT;
130 0257 2
131 0258 2 !Turn off bulleting (if any) so that this command takes precedence.
132 0259 2 LSTCHR [.LSTCNT [CL_INDEX] - 1] = 0;
133 0260 2
134 0261 2 !Skip spaces and tabs before the first display descriptor.
135 0262 2 RSKIPS (IRA);
136 0263 2
137 0264 2 !Attempt to get a character enclosed in quotes
138 0265 2 GETQC_RESULT = GETQC ();
139 0266 2
140 0267 2 !Quit if an error occurred.
141 0268 2 IF .GETQC_RESULT EQL -2
142 0269 2 THEN
143 0270 2 RETURN;
144 0271 2
145 0272 2 !if anything quoted was specified, save it
146 0273 2 IF .GETQC_RESULT NEQ -1
147 0274 2 THEN
148 0275 2 LSTLCH [.LSTCNT [CL_INDEX] - 1] = .GETQC_RESULT;
149 0276 2
150 0277 2 !Now attempt to get a display descriptor.
151 0278 2 !First skip a separator
152 0279 2 SKPSEP (IRA);
153 0280 2 !Now get a descriptor and save it.
154 0281 2 CASE GETDD(DISPLAY_CODE) FROM -1 TO +1 OF
155 0282 2 SET
156 0283 2
157 0284 2 [-1];
158 0285 2 !Quit if command was in error.
```

```

: 159 0286 2 RETURN;
: 160 0287 2
: 161 0288 2 [0]:
: 162 0289 2 !Do nothing if nothing supplied
: 163 0290 2 0;
: 164 0291 2
: 165 0292 2 [+1]:
: 166 0293 2 !Save descriptor
: 167 0294 2 LSTLDD [.LSTCNT [CL_INDEX] - 1] = .DISPLAY_CODE;
: 168 0295 2
: 169 0296 2 TES;
: 170 0297 2
: 171 0298 2 !Skip parameter separator, to try and get the next quoted character.
: 172 0299 2 SKPSEP (IRA);
: 173 0300 2
: 174 0301 2 !Now try to get another character enclosed in quotes.
: 175 0302 2 GETQC_RESULT = GETQC ();
: 176 0303 2
: 177 0304 2 !Quit if an error, or nothing supplied
: 178 0305 2 IF (.GETQC_RESULT EQL -2)
: 179 0306 2 OR (.GETQC_RESULT EQL -1)
: 180 0307 2 THEN
: 181 0308 2 RETURN;
: 182 0309 2
: 183 0310 2 !User said something, so save it.
: 184 0311 2 LSTRCH [.LSTCNT [CL_INDEX] - 1] = .GETQC_RESULT;
: 185 0312 2
: 186 0313 1 END;

```

!End of DLE

```

.TITLE DLE
.IDENT \V04-000\

.EXTRN LSTCHR, LSTCNT, LSTLCH
.EXTRN LSTRCH, LSTLDD, FS01
.EXTRN IRA, GETDD, GETQC
.EXTRN GETQS, RSKIPS, SKPSEP

.PSECT $CODE$,NOWRT,2

.ENTRY DLE, Save R2,R3,R4,R5,R6 : 0229
MOVAB SKPSEP, R6
MOVAB GETQC, R5
MOVAB IRA, R4
MOVAB LSTCNT, R3
SUBL2 #4, SP
MOVL LSTCNT, R0 : 0259
MOVL 4(R0), R0
MOVAL @LSTCHR[R0], R0
CLRL -4(R0)
PUSHL R4 : 0262
CALLS #1, RSKIPS
CALLS #0, GETQC : 0265
MOVL R0, GETQC_RESULT
CML GETQC_RESULT, #-2 : 0268
BEQL 5$
CML GETQC_RESULT, #-1 : 0273

```

```

007C 0000
56 00000000G EF 9E 00002
55 00000000G EF 9E 00009
54 00000000G EF 9E 00010
53 00000000G EF 9E 00017
5E 04 C2 0001E
50 63 D0 00021
50 04 A0 D0 00024
50 00000000GFF40 DE 00028
FC A0 D4 00030
00000000G EF 01 FB 00035
65 00 FB 0003C
52 50 D0 0003F
FFFFFFFE 8F 52 D1 00042
7C 13 00049
FFFFFFF 8F 52 D1 0004B

```

			13	13	00052	BEQL	1\$		
	50		63	D0	00054	MOVL	LSTCNT, R0	:	0275
	50	04	A0	D0	00057	MOVL	4(R0), R0	:	
	50	00000000G	40	DE	00058	MOVAL	@LSTLCH[R0], R0	:	
	FC	A0	52	D0	00063	MOVL	GETQC_RESULT, -4(R0)	:	
			54	DD	00067	1\$:	PUSHL	R4	0279
	66		01	FB	00069		CALLS	#1, SKPSEP	
			5E	DD	0006C		PUSHL	SP	0281
	00000000G	EF	01	FB	0006E		CALLS	#1, GETDD	
02	FFFFFFFF	8F	50	CF	00075		CASEL	R0, #-1, #2	
0007		001A	004A		0007D	2\$:	.WORD	5\$-2\$,-	
								4\$-2\$,-	
								3\$-2\$	
			04	00083	RET				0286
	50		63	D0	00084	3\$:	MOVL	LSTCNT, R0	0294
	50	04	A0	D0	00087		MOVL	4(R0), R0	
	50	00000000G	40	DE	00088		MOVAL	@LSTLDD[R0], R0	
	FC	A0	6E	D0	00093		MOVL	DISPLAY_CODE, -4(R0)	
			54	DD	00097	4\$:	PUSHL	R4	0299
	66		01	FB	00099		CALLS	#1, SKPSEP	
	65		00	FB	0009C		CALLS	#0, GETQC	0302
	52		50	D0	0009F		MOVL	R0, GETQC_RESULT	
	FFFFFFFFE	8F	52	D1	000A2		CML	GETQC_RESULT, #-2	0305
			1C	13	000A9		BEQL	5\$	
	FFFFFFFFF	8F	52	D1	000AB		CML	GETQC_RESULT, #-1	0306
			13	13	000B2		BEQL	5\$	
	50		63	D0	000B4		MOVL	LSTCNT, R0	0311
	50	04	A0	D0	000B7		MOVL	4(R0), R0	
	50	00000000G	40	DE	000BB		MOVAL	@LSTRCH[R0], R0	
	FC	A0	52	D0	000C3		MOVL	GETQC_RESULT, -4(R0)	
			04	000C7	5\$:		RET		0313

; Routine Size: 200 bytes, Routine Base: \$CODE\$ + 0000

; 187 0314 1 END !End of module
; 188 0315 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	200	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	----- Symbols -----		Pages Mapped	Processing Time
	Total	Loaded Percent		

The image displays a dense grid of approximately 12 columns and 15 rows of small, rectangular panels. Each panel contains text-based information, likely representing different software modules or menu options. Several panels are clearly labeled with the following text:

- CONULB LIS
- DOFLG LIS
- DOCASE LIS
- DOCM LIS
- DOOPTS LIS
- DSPHL LIS
- DSPENT LIS
- DSRLIB LIS
- DSPAG LIS
- DLE LIS

The remaining panels in the grid contain various combinations of letters, numbers, and symbols, but they are too small and low-contrast to be read accurately. The overall appearance is that of a technical document or a software catalog from the VAX/VMS era.