


```

1 0001 0 MODULE DELETION (%TITLE 'Process deletion'
2 0002 0 IDENT = 'V04-000'
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 +-
32 0032 1 FACILITY:
33 0033 1 Job controller.
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1 This module contains the routines that handle process deletion.
37 0037 1
38 0038 1 ENVIRONMENT:
39 0039 1 VAX/VMS user and kernel mode.
40 0040 1 --
41 0041 1
42 0042 1 AUTHOR: M. Jack, CREATION DATE: 16-Feb-1982
43 0043 1
44 0044 1 MODIFIED BY:
45 0045 1
46 0046 1 V03-004 MLJ0114 Martin L. Jack, 23-Jun-1983 4:57
47 0047 1 Changes for job controller baselevel.
48 0048 1
49 0049 1 V03-003 MLJ0112 Martin L. Jack, 29-Apr-1983 2:55
50 0050 1 Changes for job controller baselevel.
51 0051 1
52 0052 1 V03-002 MLJ0109 Martin L. Jack, 14-Apr-1983 12:46
53 0053 1 Changes for job controller baselevel.
54 0054 1
55 0055 1 V03-001 MLJ0106 Martin L. Jack, 1-Mar-1983 13:48
56 0056 1 Changes for extended PIDs.
57 0057 1

```

DELETION
V04-000

Process deletion

: 58

0058 1 !**

1 2
16-Sep-1984 00:02:38
14-Sep-1984 12:37:00

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]DELETION B32;1

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EJ

DELETION
V04-000

Process deletion

J 2
16-Sep-1984 00:02:38
14-Sep-1984 12:37:00

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]DELETION.B32;1

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EX
VC

| | | | | | |
|---|----|------|---|---------------------------|-------------|
| : | 60 | 0059 | 1 | REQUIRE 'SRCS:JOBCTLDEF'; | |
| : | 61 | 1100 | 1 | | |
| : | 62 | 1101 | 1 | | |
| : | 63 | 1102 | 1 | FORWARD ROUTINE | |
| : | 64 | 1103 | 1 | PROCESS_DELETION: | NOVALUE; |
| : | 65 | 1104 | 1 | | |
| : | 66 | 1105 | 1 | | |
| : | 67 | 1106 | 1 | EXTERNAL ROUTINE | |
| : | 68 | 1107 | 1 | BATCH DELETION: | NOVALUE, |
| : | 69 | 1108 | 1 | DELETE_GETQUI_CONTEXT: | NOVALUE, |
| : | 70 | 1109 | 1 | DELETE_SJH_RECORD: | NOVALUE, |
| : | 71 | 1110 | 1 | DEQUEUE_OPEN_JOB: | L_OUTPUT_1, |
| : | 72 | 1111 | 1 | FIND_PROCESS_DATA: | L_OUTPUT_3, |
| : | 73 | 1112 | 1 | LOCK_QUEUE_FILE: | NOVALUE, |
| : | 74 | 1113 | 1 | SYMBIONT_DELETION: | NOVALUE, |
| : | 75 | 1114 | 1 | UNLOCK_QUEUE_FILE: | NOVALUE, |
| : | 76 | 1115 | 1 | WRITE_ACCOUNTING_RECORD: | NOVALUE; |

```

78 1116 1 GLOBAL ROUTINE PROCESS_DELETION: NOVALUE=
79 1117 1
80 1118 1 ++
81 1119 1
82 1120 1 FUNCTIONAL DESCRIPTION:
83 1121 1 This routine processes the message type:
84 1122 1 MSGS_DELPROC process deletion
85 1123 1 by updating the appropriate system data structures and writing an
86 1124 1 accounting record.
87 1125 1
88 1126 1 INPUT PARAMETERS:
89 1127 1 NONE
90 1128 1
91 1129 1 IMPLICIT INPUTS:
92 1130 1 MBX - Pointer to buffered mailbox message.
93 1131 1
94 1132 1 OUTPUT PARAMETERS:
95 1133 1 NONE
96 1134 1
97 1135 1 IMPLICIT OUTPUTS:
98 1136 1 Process data base updated.
99 1137 1
100 1138 1 ROUTINE VALUE:
101 1139 1 NONE
102 1140 1
103 1141 1 SIDE EFFECTS:
104 1142 1 NONE
105 1143 1
106 1144 1 --
107 1145 1
108 1146 2 BEGIN
109 1147 2 LOCAL
110 1148 2 TYPE, : Process type
111 1149 2 P1: REF BBLOCK, : Type-specific parameters
112 1150 2 P2: REF BBLOCK,
113 1151 2 OPEN_JOB, : True if process has an open job
114 1152 2 SJH_N, : Record number of SJH
115 1153 2 SJH: REF BBLOCK; : Pointer to SJH
116 1154 2
117 1155 2
118 1156 2 ! Check whether this process had an open $GETQUI.
119 1157 2
120 1158 2 DELETE_GETQUI_CONTEXT(.MBX[ACMSL_PID]);
121 1159 2
122 1160 2
123 1161 2 ! Check whether this process had an open job.
124 1162 2
125 1163 2 OPEN_JOB = FIND_PROCESS_DATA(PDE_K_OPEN_JOB, .MBX[ACMSL_PID], TRUE; , SJH_N);
126 1164 2
127 1165 2
128 1166 2 IF .JUEUE_FAB[FAB$W_IFI] NEQ 0
129 1167 2 THEN
130 1168 2 BEGIN
131 1169 2
132 1170 2 ! Lock the queue file.
133 1171 2
134 1172 2 LOCK_QUEUE_FILE();

```

```

135 1173 3
136 1174 3
137 1175 3      ! If this process had an open job, delete it.
138 1176 3
139 1177 3      IF .OPEN_JOB
140 1178 3      THEN
141 1179 3          IF DEQUEUE_OPEN_JOB(.SJH_N; SJH)
142 1180 3          THEN
143 1181 3              DELETE_SJH_RECORD(.SJH_N, .SJH);
144 1182 2      END;
145 1183 2
146 1184 2
147 1185 2      ! Do type-specific processing.
148 1186 2
149 1187 2      IF FIND_PROCESS_DATA(PDE_K_ANY, .MBX[ACM$PID], TRUE; TYPE, P1, P2)
150 1188 2      THEN
151 1189 3          BEGIN
152 1190 3          CASE .TYPE FROM PDE_K_BATCH TO PDE_K_SYMBIONT OF
153 1191 3              SET
154 1192 3
155 1193 3          [PDE_K_BATCH]:
156 1194 3              BEGIN
157 1195 4                  ! If the process was a batch process, decrement the system batch
158 1196 4                  ! job count and free the job records.
159 1197 4                  IF .QUEUE_FAB[FAB$W_IFI] NEQ 0
160 1198 4                  THEN
161 1199 4                      BEGIN
162 1200 4                          BATCH_DELETION(.P1, .P2);
163 1201 4                          UNLOCK_QUEUE_FILE();
164 1202 5                      END;
165 1203 5                  RETURN;
166 1204 5          [PDE_K_SYMBIONT]:
167 1205 4              BEGIN
168 1206 4                  ! If the process was a symbiont process, clean up the structures.
169 1207 4                  IF .QUEUE_FAB[FAB$W_IFI] NEQ 0
170 1208 4                  THEN
171 1209 4                      SYMBIONT_DELETION();
172 1210 3              END;
173 1211 3          END;
174 1212 4
175 1213 4
176 1214 4
177 1215 4
178 1216 4
179 1217 4
180 1218 3
181 1219 3
182 1220 3      TES;
183 1221 3      END;
184 1222 2
185 1223 2
186 1224 2
187 1225 2      ! Unlock the queue file.
188 1226 2
189 1227 2      IF .QUEUE_FAB[FAB$W_IFI] NEQ 0
190 1228 2      THEN
191 1229 2          UNLOCK_QUEUE_FILE();

```

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: 192      1230  2
: 193      1231  2
: 194      1232  2 ! Write the accounting record for the process.
: 195      1233  2
: 196      1234  2 WRITE_ACCOUNTING_FECORD(0, 0, .MBX);
: 197      1235  1 END;

```

```

.TITLE DELETION Process deletion
.IDENT \V04-000\

```

```

.PSECT COMMON,NOEXE, OVR,2

```

```

00000 DIAG_STORAGE BASE:
      .BLKB 0
00000 DIAG_TRACE:
      .BLKB 96
00060 DIAG_COUNT:
      .BLKB 96
000C0 DIAG_FLAGS:
      .BLKB 4
000C4 WORK_AREA:
      .BLKB 44
000F0 SNDJBC_COUNT:
      .BLKB 132
00174 GETQUI_COUNT:
      .BLKB 40
0019C SNDACC_COUNT:
      .BLKB 28
001B8 SNDSMB_COUNT:
      .BLKB 72
00200 DIAG_STORAGE END:
      .BLKB 0
00200 FLAGS: .BLKB 4
00204 IMAGE_DUMP_STSFLG:
      .BLKB 4
00208 THIS_SYSID:
      .BLKB 6
0020E .BLKB 2
00210 CUR_TIME:
      .BLKB 8
00218 HOURLY_TIME:
      .BLKB 8
00220 HOURLY_PARAMS:
      .BLKB 20
00234 SYMBiONT_COUNT:
      .BLKB 4
00238 QUEUE_REFERENCE_COUNT:
      .BLKB 4
0023C MBX_MESSAGE COUNT:
      .BLKB 4
00240 MBX: .BLKB 4
00244 MBX END: .BLKB 4
00248 MEMORY_FREE QUEUES:
      .BLKB 40
00270 NONAST_WORK QUEUE:
      .BLKB 8

```


00278 BCB_FREE_LIST:
 .BLKB 4
0027C BCB_ACTIVE_LIST:
 .BLKB 4
00280 GQL_FREE_LIST:
 .BLKB 4
00284 GQL_ACTIVE_LIST:
 .BLKB 4
00288 OPEN_GETQUI_LIST:
 .BLKB 4
0028C PROCESS_DATA_LIST:
 .BLKB 4
00290 SYMB!ONT_CONTROL:
 .BLKB 4
00294 SPARE_AREA:
 .BLKB 12
002A0 REMOTE_REQUEST_LKSB:
 .BLKB 8
002A8 QUEUE_FILE_LKSB:
 .BLKB 8
002B0 QUEUE_LOCK_LKSB:
 .BLKB 8
002B8 RSP: .BLKB 8
002C0 JBC_PRIORITY:
 .BLKB 4
002C4 JBC_PRIVILEGES:
 .BLKB 8
002CC JBC_QUOTAS:
 .BLKB 66
0030E .BLKB 2
00310 JBC_UIC: .BLKB 4
00314 QUEUE_FAB:
 .BLKB 80
00364 QUEUE_RAB:
 .BLKB 68
003A8 QUEUE_NAM:
 .BLKB 96
00408 QUEUE_XAB:
 .BLKB 88
00460 QUEUE_RSA:
 .BLKB 255
0055F .BLKB 1
00560 QUEUE_ALQ:
 .BLKB 4
00564 QUEUE_MBF:
 .BLKB 1
00565 .BLKB 3
00568 ACCOUNTING_FABS:
 .BLKB 8
00570 ACCOUNTING_RABS:
 .BLKB 8
00578 ACCOUNT_FAB_A:
 .BLKB 80
005C8 ACCOUNT_RAB_A:
 .BLKB 68
0060C ACCOUNT_NAM_A:
 .BLKB 96

0066C ACCOUNT_RSA A:
 .BLRB 255
0076B .BLKB 1
0076C ACCOUNT_FAB B:
 .BLRB 80
007BC ACCOUNT_RAB B:
 .BLRB 68
00800 ACCOUNT_NAM B:
 .BLRB 96
00860 ACCOUNT_RSA B:
 .BLRB 255
0095F .BLKB 1
00960 DIAG_FAB:
 .BLKB 80
00980 DIAG_RAB:
 .BLKB 68
009F4 MBX_CHAN:
 .BLKB 4
009F8 MBX_IOSB:
 .BLKB 8
00A00 MBX_BUFFER:
 .BLKB 1024
00E00 VALUE_STORAGE_BASE:
 .BLKB 0
00E00 ITEM_PRESENT:
 .BLKB 32
00E20 VALUE_GETQUI_BASE:
 .BLKB 0
00E20 VALUE_ACCOUNTING_MESSAGE:
 .BLKB 6
00E26 VALUE_ACCOUNTING_TYPES:
 .BLKB 4
00E2A VALUE_AFTER_TIME:
 .BLRB 8
00E32 VALUE_ALIGNMENT_PAGES:
 .BLKB 1
00E33 VALUE_BASE_PRIORITY:
 .BLKB 1
00E34 VALUE_BATCH_INPUT:
 .BLRB 6
00E3A VALUE_BATCH_OUTPUT:
 .BLRB 10
00E44 VALUE_BUFFER_COUNT:
 .BLKB 1
00E45 VALUE_CHARACTERISTIC_NAME:
 .BLKB 6
00E4B VALUE_CHARACTERISTIC_NUMBER:
 .BLKB 1
00E4C VALUE_CHARACTERISTICS:
 .BLKB 16
00E5C VALUE_CHECKPOINT_DATA:
 .BLKB 6
00E62 VALUE_CLI:
 .BLKB 6
00E68 VALUE_CPU_DEFAULT:
 .BLKB 4
00E6C VALUE_CPU_LIMIT:

.BLKB 4
00E70 VALUE_DESTINATION_QUEUE:
.BLKB 8
00E78 VALUE_DEVICE_NAME:
.BLKB 6
00E7E VALUE_ENTRY_NUMBER:
.BLKB 4
00E82 VALUE_ENTRY_NUMBER_OUTPUT:
.BLKB 10
00E8C VALUE_EXTEND_QUANTITY:
.BLKB 2
00E8E VALUE_FILE_COPIES:
.BLKB 1
00E8F VALUE_FILE_IDENTIFICATION:
.BLKB 36
00EB3 VALUE_FILE_SETUP_MODULES:
.BLKB 8
00EB9 VALUE_FILE_SPECIFICATION:
.BLKB 6
00EBF VALUE_FIRST_PAGE:
.BLKB 4
00EC3 VALUE_FORM_DESCRIPTION:
.BLKB 6
00EC9 VALUE_FORM_LENGTH:
.BLKB 1
00ECA VALUE_FORM_MARGIN_BOTTOM:
.BLKB 1
00ECB VALUE_FORM_MARGIN_LEFT:
.BLKB 2
00ECD VALUE_FORM_MARGIN_RIGHT:
.BLKB 2
00ECF VALUE_FORM_MARGIN_TOP:
.BLKB 1
00ED0 VALUE_FORM_NAME:
.BLKB 6
00ED6 VALUE_FORM_NUMBER:
.BLKB 4
00EDA VALUE_FORM:
.BLKB 8
00EE2 VALUE_FORM_SETUP_MODULES:
.BLKB 8
00EE8 VALUE_FORM_STOCK:
.BLKB 6
00EEE VALUE_FORM_WIDTH:
.BLKB 2
00EFO VALUE_GENERIC_TARGET:
.BLKB 996
012D4 VALUE_JOB_COPIES:
.BLKB 1
012D5 VALUE_JOB_LIMIT:
.BLKB 1
012D6 VALUE_JOB_NAME:
.BLKB 6
012DC VALUE_JOB_RESET_MODULES:
.BLKB 6
012E2 VALUE_JOB_SIZE_MAXIMUM:
.BLKB 4

012E6 VALUE_JOB_SIZE_MINIMUM:
.BLKB 4
012EA VALUE_JOB_STATUS_OUTPUT:
.BLKB 10
012F4 VALUE_LAST_PAGE:
.BLKB 4
012F8 VALUE_LIBRARY_SPECIFICATION:
.BLKB 6
012FE VALUE_LOG_QUEUE:
.BLKB 8
01306 VALUE_LOG_SPECIFICATION:
.BLKB 6
0130C VALUE_NOTE:
.BLKB 6
01312 VALUE_OPERATOR_REQUEST:
.BLKB 6
01318 VALUE_OWNER_UIC:
.BLKB 4
0131C VALUE_PAGE_SETUP_MODULES:
.BLKB 8
01322 VALUE_PARAMETER_1:
.BLKB 6
01328 VALUE_PARAMETER_2:
.BLKB 6
0132E VALUE_PARAMETER_3:
.BLKB 6
01334 VALUE_PARAMETER_4:
.BLKB 6
0133A VALUE_PARAMETER_5:
.BLKB 6
01340 VALUE_PARAMETER_6:
.BLKB 6
01346 VALUE_PARAMETER_7:
.BLKB 6
0134C VALUE_PARAMETER_8:
.BLKB 6
01352 VALUE_PRIORITY:
.BLKB 1
01353 VALUE_PROCESSOR:
.BLKB 6
01359 VALUE_PROTECTION:
.BLKB 4
0135D VALUE_QUEUE:
.BLKB 6
01363 VALUE_QUEUE_FILE_SPECIFICATION:
.BLKB 8
01369 VALUE_RELATIVE_PAGE:
.BLKB 4
0136D VALUE_RESERVED_INPUT_1:
.BLKB 1
0136E VALUE_RESERVED_INPUT_2:
.BLKB 2
01370 VALUE_RESERVED_INPUT_3:
.BLKB 4
01374 VALUE_RESERVED_INPUT_4:
.BLKB 6
0137A VALUE_RESERVED_OUTPUT_1:

```

      .BLKB 10
01384 VALUE_RESERVED_OUTPUT_2:
      .BLKB 10
0138E VALUE_SEARCH_STRING:
      .BLKB 6
01394 VALUE_SCSNODE_NAME:
      .BLKB 6
0139A VALUE_WSDEFAULT:
      .BLKB 2
0139C VALUE_WSEXTENT:
      .BLKB 2
0139E VALUE_WSQUOTA:
      .BLKB 2
013A0 VALUE_STORAGE_END:
      .BLKB 0

```

```

JBC$_CLOSEOUT= 266328
JBC$_NOCMKRNL= 272388
JBC$_NOOPER= 272532
JBC$_NOSYSNAM= 272404
JBC$_OPENIN= 266392
JBC$_OPENOUT= 266400
JBC$_READERR= 266416
JBC$_WRITEERR= 266448

```

```

      .EXTRN BATCH DELETION, DELETE_GETQUI_CONTEXT
      .EXTRN DELETE_SJH_RECORD
      .EXTRN DEQUEUE_OPEN_JOB
      .EXTRN FIND_PROCESS_DATA
      .EXTRN LOCK_QUEUE_FILE
      .EXTRN SYMBIONT_DELETION
      .EXTRN UNLOCK_QUEUE_FILE
      .EXTRN WRITE_ACCOUNTING_RECORD

      .PSECT CODE,NOWRT,2

```

```

      .ENTRY PROCESS DELETION, Save R2,R3,R4,R9,R10,R11 : 1116
54 00000000G EF 0E1C 00000 MOVAB UNLOCK_QUEUE_FILE, R4 :
53 00000000G EF 9E 00002 MOVAB FIND_PROCESS_DATA, R3 :
52 00000000' EF 9E 00010 MOVAB MBX, R2 :
50 28 62 D0 00017 MOVL MBX, R0 : 1158
00000000G EF A0 DD 0001A PUSHL 40(R0)
01 FB 0001D CALLS #1, DELETE_GETQUI_CONTEXT : 1163
50 28 01 DD 00024 PUSHL #1
62 D0 00026 MOVL MBX, R0
A0 DD 00029 PUSHL 40(R0)
03 DD 0002C PUSHL #3
63 03 FB 0002E CALLS #3, FIND_PROCESS_DATA
59 50 D0 00031 MOVL R0, OPEN_JOB
00D6 C2 B5 00034 TSTW QUEUE_FAB+2 : 1166
20 13 00038 BEQL 1$
00000000G EF 00 FB 0003A CALLS #0, LOCK_QUEUE_FILE : 1172
16 59 E9 00041 BLBC OPEN_JOB, 1$ : 1177
5A DD 00044 PUSHL SJH_N : 1179
00000000G EF 01 FB 00046 CALLS #1, DEQUEUE_OPEN_JOB
0A 50 E9 0004D BLBC R0, 1$
7E 5A 7D 00050 MOVQ SJH_N, -(SP) : 1181
00000000G EF 02 FB 00053 CALLS #2, DELETE_SJH_RECORD

```

| | | | | | | | | | | |
|-----------|------|----|------|-------|-------|-------|--------|-----------------------------|---|------|
| | | | 01 | DD | 0005A | 1\$: | PUSHL | #1 | : | 1187 |
| | 50 | | 62 | DD | 0005C | | MOVL | MBX, R0 | : | |
| | | 28 | A0 | DD | 0005F | | PUSHL | 40(R0) | : | |
| | | | 7E | D4 | 00062 | | CLRL | -(SP) | : | |
| | 63 | | 03 | FB | 00064 | | CALLS | #3, FIND_PROCESS_DATA | : | |
| | 2A | | 50 | E9 | 00067 | | BLBC | R0, 5\$ | : | |
| | 50 | | C2 | 3C | 0006A | 00D6 | MOVZWL | QUEUE_FAB+2, R0 | : | 1200 |
| | 01 | | 59 | CF | 0006F | | CASEL | TYPE_#1, #1 | : | 1190 |
| | 0016 | | 0004 | | 00073 | 2\$: | .WORD | 3\$-2\$,- | : | |
| | | | | | | | | 4\$-2\$ | : | |
| | | | 50 | D5 | 00077 | 3\$: | TSTL | R0 | : | 1200 |
| | | | 2D | 13 | 00079 | | BEQL | 7\$ | : | |
| | 7E | | 5A | 7D | 0007B | | MOVQ | P1, -(SP) | : | 1203 |
| 00000000G | EF | | 02 | FB | 0007E | | CALLS | #2, BATCH_DELETION | : | |
| | 64 | | 00 | FB | 00085 | | CALLS | #0, UNLOCK_QUEUE_FILE | : | 1204 |
| | | | | | 04 | 00088 | RET | | : | 1195 |
| | | | 50 | D5 | 00089 | 4\$: | TSTL | R0 | : | 1215 |
| | | | 07 | 13 | 0008B | | BEQL | 5\$ | : | |
| 00000000G | EF | | 00 | FB | 0008D | 00D6 | CALLS | #0, SYMBIONT_DELETION | : | 1217 |
| | | | C2 | B5 | 00094 | 5\$: | TSTW | QUEUE_FAB+2 | : | 1227 |
| | | | 03 | 13 | 00098 | | BEQL | 6\$ | : | |
| | 64 | | 00 | FB | 0009A | | CALLS | #0, UNLOCK_QUEUE_FILE | : | 1229 |
| | | | 62 | DD | 0009D | 6\$: | PUSHL | MBX | : | 1234 |
| | | | 7E | 7C | 0009F | | CLRQ | -(SP) | : | |
| 00000000G | EF | | 03 | FB | 000A1 | | CALLS | #3, WRITE_ACCOUNTING_RECORD | : | |
| | | | 04 | 000A8 | 7\$: | | RET | | : | 1235 |

; Routine Size: 169 bytes, Routine Base: CODE + 0000

DELETION
V04-000

Process deletion

G 3
16-Sep-1984 00:02:38
14-Sep-1984 12:37:00

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]DELETION.B32;1

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E
V

: 199 1236 1 END
: 200 1237 0 ELUDOM

PSECT SUMMARY

| Name | Bytes | Attributes |
|--------|-------|--|
| COMMON | 5024 | NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, OVR, NOPIC, ALIGN(2) |
| CODE | 169 | 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]LIB.L32;1 | 18619 | 34 | 0 | 1000 | 00:01.3 |

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:DELETION/OBJ=OBJ\$:DELETION MSRC\$:DELETION/UPDATE=(ENHS:DELETION)

: Size: 169 code + 5024 data bytes
: Run Time: 00:10.8
: Elapsed Time: 00:50.0
: Lines/CPU Min: 6859
: Lexemes/CPU-Min: 55996
: Memory Used: 223 pages
: Compilation Complete

2

