


```
LL      IIIIII  BBBB BBBB  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LL      IIIIII  BBBB BBBB  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      BB      BB  TT      TT  RR      RR  MM      MM  FF      FF  II
LLLLLLLL  IIIIII  BBBB BBBB  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LLLLLLLL  IIIIII  BBBB BBBB  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII

LL      IIIIII  SSSSSSSS  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LL      IIIIII  SSSSSSSS  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LL      II      SS      SS  TT      TT  RR      RR  MM      MM  FF      FF  II
LLLLLLLL  IIIIII  SSSSSSSS  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
LLLLLLLL  IIIIII  SSSSSSSS  TTTTTTTTTT  RRRRRRRR  IIIIII  MM      MM  FFFFFFFF  IIIIII
```



```
1 0001 0 MODULE LIB$TRIM_FILESPEC ( %TITLE 'Trim filespec to fixed length'
2 0002 0 IDENT = '1-004' ! File: LIBTRIMFI.B32 Edit: DG1004
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: General Utility Library
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 LIB$TRIM_FILESPEC takes a fully qualified filespec and
36 0036 1 trims it so that it fits in a field of fixed width.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 11-Jan-1983
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 11-Jan-1983
45 0045 1 1-002 - Delete reference to FAB$B DSBMSK
46 0046 1 1-003 - Convert to using $FILESCAN. SBL 12-Aug-1983
47 0047 1 1-004 - Fix bug where the OUTLEN is not stored. SBL 9-Nov-1983
48 0048 1 Add trailing zero to item list for call to $FILESCAN. DG
49 0049 1
50 0050 1
```

LIB\$TRIM_FILESP Trim filespec to fixed length
1-004 Declarations

B 16
16-Sep-1984 01:19:34
14-Sep-1984 12:39:34

VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]LIBTRIMFI.B32;1

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```

52      0051 1 %SBTTL 'Declarations'
53      0052 1
54      0053 1 PROLOGUE FILE:
55      0054 1
56      0055 1
57      0056 1 REQUIRE 'RTLIN:LIBPRO'; ! Switches, PSECTS, macros
58      0127 1
59      0128 1
60      0129 1 LINKAGES:
61      0130 1
62      0131 1 NONE
63      0132 1
64      0133 1 TABLE OF CONTENTS:
65      0134 1
66      0135 1
67      0136 1 FORWARD ROUTINE
68      0137 1 LIB$TRIM_FILESPEC; ! Trim filespec
69      0138 1
70      0139 1
71      0140 1 MACROS:
72      0141 1
73      0142 1 NONE
74      0143 1
75      0144 1 EQUATED SYMBOLS:
76      0145 1
77      0146 1 NONE
78      0147 1
79      0148 1 FIELDS:
80      0149 1
81      0150 1 NONE
82      0151 1
83      0152 1 OWN STORAGE:
84      0153 1
85      0154 1 NONE
86      0155 1
87      0156 1 EXTERNALS:
88      0157 1
89      0158 1
90      0159 1 EXTERNAL ROUTINE
91      0160 1 LIB$ANALYZE_SDESC_R2: LIB$ANALYZE_SDESC_R2$LINKAGE, ! Get length and pointer
92      0161 1 LIB$SCOPY_R_DX; ! Copy string by reference.
93      0162 1
94      0163 1 EXTERNAL LITERAL
95      0164 1 LIB$_INVARG, ! Invalid argument
96      0165 1 LIB$_STRTRU; ! String truncated
```



```

: 98      0166 1 %SBTTL 'LIB$TRIM_FILESPEC - Trim a filespec'
: 99      0167 1 GLOBAL ROUTINE LIB$TRIM_FILESPEC (
100      0168 1     IN_FILE: REF BLOCK [, BYTE]      ! Input filespec
101      0169 1     OUT_FILE: REF BLOCK [, BYTE],      ! Output filespec
102      0170 1     WIDTH: REF VECTOR [, WORD],        ! Width desired (optional)
103      0171 1     OUTLEN: REF VECTOR [, WORD]        ! Width used (optional)
104      0172 1     ) =
105      0173 1
106      0174 1 ++
107      0175 1 FUNCTIONAL DESCRIPTION:
108      0176 1
109      0177 1     LIB$TRIM_FILESPEC takes a filespec, usually an RMS resultant
110      0178 1     name string, and shortens it (if necessary) so that it fits in
111      0179 1     a field of fixed width. This is useful for compilers and other
112      0180 1     utilities which need to display filespecs in fixed fields, such as
113      0181 1     listing headers. This allows these utilities to display filespecs
114      0182 1     in a consistent fashion.
115      0183 1
116      0184 1     If necessary, the following portions of the filespec are removed,
117      0185 1     in order, to fit into the specified field width:
118      0186 1         1. Node (including access control)
119      0187 1         2. Device
120      0188 1         3. Directory
121      0189 1         4. Version
122      0190 1         5. Type
123      0191 1     If after removing all of these fields, the file name is still longer
124      0192 1     than the field width, the file name is truncated and the alternate
125      0193 1     success status LIB$_STRTRU is returned.
126      0194 1
127      0195 1 CALLING SEQUENCE:
128      0196 1
129      0197 1     ret_status.wlc.v = LIB$TRIM_FILESPEC (
130      0198 1         in_file.rt.dx,
131      0199 1         out_file.wt.dx
132      0200 1         [, [width.rw.r]
133      0201 1         [, [outlen.ww.r] ]])
134      0202 1
135      0203 1 FORMAL PARAMETERS:
136      0204 1
137      0205 1     IN_FILE      A string containing the filespec to be trimmed.
138      0206 1     The filespec should be an RMS resultant name string.
139      0207 1     The error LIB$_INVARG is returned if IN_FILE contains
140      0208 1     more than 255 characters.
141      0209 1
142      0210 1     OUT_FILE     A string into which will be placed the trimmed
143      0211 1     filespec.
144      0212 1
145      0213 1     WIDTH       An unsigned word integer containing the maximum field
146      0214 1     width desired. If omitted, the current length of
147      0215 1     OUT_FILE is used.
148      0216 1
149      0217 1     OUTLEN      An unsigned word integer into which is placed the
150      0218 1     length of the trimmed filespec, not including
151      0219 1     any blank padding nor truncated characters.
152      0220 1
153      0221 1 IMPLICIT INPUTS:
154      0222 1
```



```

155      0223 1 | NONE
156      0224 1 |
157      0225 1 | IMPLICIT OUTPUTS:
158      0226 1 |
159      0227 1 | NONE
160      0228 1 |
161      0229 1 | COMPLETION STATUS:
162      0230 1 |
163      0231 1 |     $$$ NORMAL      Normal successful completion
164      0232 1 |     LIB$_STRTRU     Success - string truncated. Significant characters
165      0233 1 |                     of the trimmed filespec were truncated.
166      0234 1 |     LIB$_INVARG     Invalid argument. IN_FILE was longer than
167      0235 1 |                     255 characters.
168      0236 1 |     LIB$_WRONUMARG  Wrong number of arguments.
169      0237 1 |     LIB$_xxx        Any error status from LIB$SCOPY R DX.
170      0238 1 |     RMSS$_xxx       Any RMS error status from the $FIFESCAN service.
171      0239 1 |
172      0240 1 | SIDE EFFECTS:
173      0241 1 |
174      0242 1 | NONE
175      0243 1 |
176      0244 1 | --
177      0245 1 |
178      0246 2 | BEGIN
179      0247 2 |
180      0248 2 | FIELD
181      0249 2 |     FSCN_FIELDS =
182      0250 2 |         SET
183      0251 2 |         FSCN_W_LENGTH = [0,0,16,0],
184      0252 2 |         FSCN_W_CODE = [0,16,16,0],
185      0253 2 |         FSCN_A_POINTER = [4,0,32,0],
186      0254 2 |         FSCN_A_NEXT = [8,0,0,0],
187      0255 2 |         FSCN_A_END = [0,0,32,0],
188      0256 2 |         TES;
189      0257 2 |
190      0258 2 | LOCAL
191      0259 2 |     LCL_DESCR: BLOCK [9, BYTE],      ! Local descriptor for IN_FILE
192      0260 2 |     OUT_LENGTH: WORD,                ! Length of OUT_FILE
193      0261 2 |     MAX_WIDTH,                       ! Maximum width
194      0262 2 |     CURR_WIDTH,                     ! Current width
195      0263 2 |     POINTER,                        ! Pointer to current position
196      0264 2 |     TRUNCATED,                      ! Set if filename truncated
197      0265 2 |     FSCN_LIST: BLOCKVECTOR [7,8,BYTE] FIELD (FSCN_FIELDS),
198      0266 2 |                                     ! $FIFESCAN Item list
199      0267 2 |     LIST_PTR: REF BLOCK [8, BYTE] FIELD (FSCN_FIELDS), ! Pointer to FSCN_LIST
200      0268 2 |     STR_STATUS1, STR_STATUS2, RMS_STATUS, COPY_STATUS; ! Status from operations.
201      0269 2 |
202      0270 2 | LABEL
203      0271 2 |     TRIM_BLOCK;
204      0272 2 |
205      0273 2 | BUILTIN
206      0274 2 |     ACTUALCOUNT,
207      0275 2 |     NULLPARAMETER;
208      0276 2 |
209      0277 2 | !+
210      0278 2 | ! Validate argument count.
211      0279 2 | !-

```



```
212 0280 2
213 0281 2 $LIB$VALIDATE_ARGCOUNT (2,4);
214 0282 2
215 0283 2
216 0284 2
217 0285 2
218 0286 2
219 0287 2
220 0288 2
221 0289 2
222 0290 2
223 0291 2
224 0292 2
225 0293 2
226 0294 2
227 0295 2
228 0296 2
229 0297 2
230 0298 2
231 0299 2
232 0300 2
233 0301 2
234 0302 2
235 0303 2
236 0304 2
237 0305 2
238 0306 2
239 0307 2
240 0308 2
241 0309 2
242 0310 2
243 0311 2
244 0312 2
245 0313 2
246 0314 2
247 0315 2
248 0316 2
249 0317 2
250 0318 2
251 0319 2
252 0320 2
253 0321 2
254 0322 2
255 0323 2
256 0324 2
257 0325 2
258 0326 2
259 0327 2
260 0328 2
261 0329 2
262 0330 2
263 0331 2
264 0332 2
265 0333 2
266 0334 2
267 0335 2
268 0336 2

$LIB$VALIDATE_ARGCOUNT (2,4);

!+
Initialize $FILESCAN item list. The order of items is
important; they are the order in which fields are removed.
!-
The first item is not a field, but is used to locate the filespec.

FSCN_LIST [0,FSCN_W_CODE] = FSCN$_FILESPEC;
FSCN_LIST [1,FSCN_W_CODE] = FSCN$_NODE;
FSCN_LIST [2,FSCN_W_CODE] = FSCN$_DEVICE;
FSCN_LIST [3,FSCN_W_CODE] = FSCN$_DIRECTORY;
FSCN_LIST [4,FSCN_W_CODE] = FSCN$_VERSION;
FSCN_LIST [5,FSCN_W_CODE] = FSCN$_TYPE;
FSCN_LIST [6,FSCN_A_END] = 0;

!+
Indicate initially that filename is not truncated.
!-

TRUNCATED = 0;

!+
Get length and address of input string.
!-

STR_STATUS1 = LIB$ANALYZE_SDESC_R2 (IN_FILE [0,0,0,0];
LCL_DESCR [DSC$_LENGTH], LCL_DESCR [DSC$_POINTER]);
IF NOT .STR_STATUS1
THEN
RETURN .STR_STATUS1;

!+
Get maximum field width from WIDTH, if supplied, otherwise the
current length of OUT_FILE.
!-

IF NULLPARAMETER (3)
THEN
BEGIN
STR_STATUS2 = LIB$ANALYZE_SDESC_R2 (OUT_FILE [0,0,0,0];
OUT_LENGTH);
IF NOT .STR_STATUS2
THEN
RETURN .STR_STATUS2;
MAX_WIDTH = .OUT_LENGTH;
END
ELSE
MAX_WIDTH = .WIDTH [0];

!+
Scan filespec
!-

RMS_STATUS = $FILESCAN (SRCSTR = LCL_DESCR, VALUELST = FSCN_LIST);
IF NOT .RMS_STATUS
```



```
269 0337 2 THEN
270 0338 2 RETURN .RMS_STATUS;
271 0339 2
272 0340 2 !+
273 0341 2 ! Get pointer to and current length of filespec.
274 0342 2 !-
275 0343 2
276 0344 2 CURR_WIDTH = .FSCN_LIST [0, FSCN_W_LENGTH];
277 0345 2 POINTER = .FSCN_LIST [0, FSCN_A_POINTER];
278 0346 2 LIST_PTR = FSCN_LIST [0, FSCN_A_NEXT];
279 0347 2
280 0348 2 !+
281 0349 2 ! Strip fields from filespec, as necessary.
282 0350 2
283 0351 2 ! Note: This implementation depends on a known order of the
284 0352 2 ! fields in a filespec. If new fields are added, or if the order
285 0353 2 ! changes, this code may need to be modified.
286 0354 2 !-
287 0355 2
288 0356 2 TRIM_BLOCK:
289 0357 2 BEGIN
290 0358 2
291 0359 2 !+
292 0360 2 ! Trim fields from the left of the filespec: NODE, DEVICE and
293 0361 2 ! directory in order.
294 0362 2 !-
295 0363 2
296 0364 2 DECR I FROM 3 TO 1 DO
297 0365 2 BEGIN
298 0366 2 !+
299 0367 2 ! Does filespec fit now? If so, exit block.
300 0368 2 !-
301 0369 2
302 0370 2 IF .CURR_WIDTH LEQU .MAX_WIDTH
303 0371 2 THEN
304 0372 2 LEAVE TRIM_BLOCK; ! Yes
305 0373 2
306 0374 2 !+
307 0375 2 ! Trim field from left of filespec.
308 0376 2 !-
309 0377 2
310 0378 2 POINTER = .POINTER + .LIST_PTR [FSCN_W_LENGTH];
311 0379 2 CURR_WIDTH = .CURR_WIDTH - .LIST_PTR [FSCN_W_LENGTH];
312 0380 2 LIST_PTR = LIST_PTR [FSCN_A_NEXT];
313 0381 2 END;
314 0382 2
315 0383 2 !+
316 0384 2 ! Now trim fields from the right of the filespec.
317 0385 2 !-
318 0386 2
319 0387 2 DECR I FROM 2 TO 1 DO
320 0388 2 BEGIN
321 0389 2 !+
322 0390 2 ! Does filespec fit now? If so, exit block.
323 0391 2 !-
324 0392 2
325 0393 2 IF .CURR_WIDTH LEQU .MAX_WIDTH
```



```
326      0394 4      THEN
327      0395 4      LEAVE TRIM_BLOCK;      ! Yes
328      0396 4
329      0397 4      !+
330      0398 4      ! Trim field from right of filespec.
331      0399 4      !-
332      0400 4
333      0401 4      CURR_WIDTH = .CURR_WIDTH - .LIST_PTR [FSCN_W_LENGTH];
334      0402 4      LIST_PTR = LIST_PTR [FSCN_A_NEXT];
335      0403 4      END;
336      0404 4
337      0405 4      !+
338      0406 4      ! See if remaining filespec is still too long.
339      0407 4      !-
340      0408 4
341      0409 4      IF .CURR_WIDTH LEQU .MAX_WIDTH
342      0410 4      THEN
343      0411 4      LEAVE TRIM_BLOCK;
344      0412 4
345      0413 4      !+
346      0414 4      ! If we get here, the filename will be truncated.
347      0415 4      !-
348      0416 4
349      0417 4      CURR_WIDTH = .MAX_WIDTH;      ! Use maximum width
350      0418 4      TRUNCATED = .TRUNCATED + 1;      ! Indicate string truncated
351      0419 4
352      0420 4      END;
353      0421 4
354      0422 4
355      0423 4      !+
356      0424 4      ! Copy trimmed filespec to OUT_FILE.
357      0425 4      !-
358      0426 4
359      0427 4      COPY_STATUS = LIB$SCOPY_R_DX (%REF(.CURR_WIDTH), .POINTER,
360      0428 4      OUT_FILE [0,0,0,0]);
361      0429 4
362      0430 4      !+
363      0431 4      ! Store OUTLEN if desired.
364      0432 4      !-
365      0433 4
366      0434 4      IF NOT NULLPARAMETER(4)
367      0435 4      THEN
368      0436 4      BEGIN
369      0437 4      LOCAL
370      0438 4      LEN: WORD;
371      0439 4      LIB$ANALYZE_SDESC_R2 (OUT_FILE [0,0,0,0]; LEN);
372      0440 4      IF .CURR_WIDTH LSSU LEN
373      0441 4      THEN
374      0442 4      LEN = .CURR_WIDTH;
375      0443 4      OUTLEN [0] = .LEN;
376      0444 4      END;
377      0445 4
378      0446 4      !+
379      0447 4      ! If we didn't truncate the filename, or if the copy failed, return
380      0448 4      ! the copy status. Otherwise return LIB$_STRTRU.
381      0449 4      !-
382      0450 4
```

```
: 383      0451  3      IF (NOT .TRUNCATED) OR (NOT .COPY_STATUS)
: 384      0452  2      THEN
: 385      0453  2      RETURN .COPY_STATUS;
: 386      0454  2
: 387      0455  2      RETURN LIB$_STRTRU;
: 388      0456  2
: 389      0457  1      END;
```

! String truncated

! End of routine LIB\$TRIM_FILESPEC

```
.TITLE LIB$TRIM_FILESPEC Trim filespec to fixed length
.IDENT \1-004\
```

```
.EXTRN LIB$ANALYZE_SDESC_R2
.EXTRN LIB$SCOPY_R_DX, LIB$INVARG
.EXTRN LIB$_STRTRU, LIB$_WRONUMARG
.EXTRN SY$$FILES SCAN
```

```
.PSECT _LIB$CODE, NOWRT, SHR, PIC, 2
```

```
.ENTRY LIB$TRIM_FILESPEC, Save R2,R3,R4,R5,R6,R7
```

```
MOVAB LIB$ANALYZE_SDESC_R2, R7 : 0167
MOVAB -72(SP), SP : 0281
SUBB3 #2, (AP), DIFF : 0289
CMPB DIFF, #2 : 0290
BLEQU 1$ : 0291
MOVL #LIB$_WRONUMARG, R0 : 0292
RET : 0293
MOVW #1, FSCN_LIST+2 : 0294
MOVW #2, FSCN_LIST+10 : 0295
MOVW #3, FSCN_LIST+18 : 0301
MOVW #5, FSCN_LIST+26 : 0308
MOVW #8, FSCN_LIST+34 : 0309
MOVW #7, FSCN_LIST+42 : 0318
CLRL FSCN_LIST+48 : 0321
CLRL TRUNCATED : 0323
MOVL IN_FILE, R0 : 0326
JSB LIB$ANALYZE_SDESC_R2 : 0318
MOVW R1, LCL_DESCR : 0336
MOVL R2, LCL_DESCR+4 : 0344
BLBC STR_STATUS1, 5$ : 0336
CMPB (APT, #3 : 0344
BLSSU 2$ : 0336
TSTL 12(AP) : 0336
BNEQ 3$ : 0336
MOVL OUT_FILE, R0 : 0321
JSB LIB$ANALYZE_SDESC_R2 : 0323
BLBC STR_STATUS2, 5$ : 0326
MOVZWL OUT_LENGTH, MAX_WIDTH : 0318
BRB 4$ : 0329
MOVZWL @WIDTH, MAX_WIDTH : 0335
CLRL -(SP) : 0335
PUSHAB FSCN_LIST : 0336
PUSHAB LCL_DESCR : 0336
CALLS #3, SY$$FILES SCAN : 0336
BLBS RMS_STATUS, 6$ : 0336
RET : 0336
MOVZWL FSCN_LIST, CURR_WIDTH : 0344
```

```
50      57 00000000G 00 00FC 00000
      5E      B8 AE 9E 00002
      6C      02 02 83 0000D
      02      50 91 00011
      50 00000000G 08 1B 00014
      8F D0 00016
      04 0001D
      0A AE 01 B0 0001E 1$:
      12 AE 02 B0 00022
      1A AE 03 B0 00026
      22 AE 05 B0 0002A
      2A AE 08 B0 0002E
      32 AE 07 B0 00032
      38 AE D4 00036
      55 D4 00039
      50 04 AC D0 0003B
      67 16 0003F
      40 AE 51 B0 00041
      44 AE 52 D0 00045
      2B 50 E9 00049
      03 6C 91 0004C
      05 1F 0004F
      0C AC D5 00051
      0E 12 00054
      50 08 AC D0 00056 2$:
      67 16 0005A
      18 50 E9 0005C
      52 51 3C 0005F
      04 11 00062
      52 0C BC 3C 00064 3$:
      7E D4 00068 4$:
      0C AE 9F 0006A
      48 AE 9F 0006D
      00000000G 00 03 FB 00070
      01 50 E8 00077 5$:
      04 0007A
      53 08 AE 3C 0007B 6$:
```


LIB\$TRIM_FILESP Trim filespec to fixed length
1-004 LIB\$TRIM_FILESPEC - Trim a filespec

I 16

16-Sep-1984 01:19:34

14-Sep-1984 12:39:34

VAX-11 Bliss-32 V4.0-742

[LIBRTL.SRC]LIBTRIMFI.B32;1

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54	0C	AE	D0	0007F	MOVL	FSCN_LIST+4, POINTER	:	0345		
50	10	AE	9E	00083	MOVAB	FSCN_LIST+8, LIST_PTR	:	0346		
51		03	D0	00087	MOVL	#3, I	:	0370		
52		53	D1	0008A	7\$:	CMP	CURR_WIDTH, MAX_WIDTH	:		
		31	1B	0008D		BLEQU	9\$	:		
56		60	3C	0008F	MOVZWL	(LIST_PTR), R6	:	0378		
54		56	C0	00092	ADDL2	R6, POINTER	:			
56		80	3C	00095	MOVZWL	(LIST_PTR)+, R6	:	0379		
53		56	C2	00098	SUBL2	R6, CORR_WIDTH	:			
50		06	C0	0009B	ADDL2	#6, LIST_PTR	:	0380		
E9		51	F5	0009E	SOBGTR	I, 7\$	:	0364		
51		02	D0	000A1	MOVL	#2, I	:	0387		
52		53	D1	000A4	8\$:	CMP	CURR_WIDTH, MAX_WIDTH	:	0393	
		17	1B	000A7		BLEQU	9\$	:		
56		80	3C	000A9	MOVZWL	(LIST_PTR)+, R6	:	0401		
53		56	C2	000AC	SUBL2	R6, CORR_WIDTH	:			
50		06	C0	000AF	ADDL2	#6, LIST_PTR	:	0402		
		51	D7	000B2	DECL	I	:	0387		
		EE	12	000B4	BNEQ	8\$	:			
52		53	D1	000B6	CMP	CURR_WIDTH, MAX_WIDTH	:	0409		
		05	1B	000B9		BLEQU	9\$	:		
53		52	D0	000BB	MOVL	MAX_WIDTH, CURR_WIDTH	:	0417		
		55	D6	000BE	INCL	TRUNCATED	:	0418		
		AC	DD	000C0	9\$:	PUSHL	OUT FILE	:	0428	
		54	DD	000C3		PUSHL	POINTER	:		
08	AE	53	D0	000C5	MOVL	CURR_WIDTH, 8(SP)	:	0427		
		AE	9F	000C9	PUSHAB	8(SP)	:			
00000000G	00	03	FB	000CC	CALLS	#3, LIB\$SCOPY_R_DX	:	0428		
	54	50	D0	000D3	MOVL	R0, COPY_STATUS	:			
	04	6C	91	000D6	CMPB	(AP), #4	:	0434		
		21	1F	000D9	BLSSU	11\$	:			
		AC	D5	000DB	TSTL	16(AP)	:			
		1C	13	000DE	BEQL	11\$	:			
	50	AC	D0	000E0	MOVL	OUT FILE, R0	:	0439		
		67	16	000E4	JSB	LIB\$ANALYZE_SDESC_R2	:			
04	AE	51	D0	000E6	MOVL	R1, LEN	:			
	50	AE	9E	000EA	MOVAB	LEN, R0	:	0440		
	50	53	D1	000EE	CMP	CURR_WIDTH, R0	:			
		04	1E	000F1	BGEQU	10\$	:			
04	AE	53	B0	000F3	MOVW	CURR_WIDTH, LEN	:	0442		
10	BC	AE	B0	000F7	10\$:	MOVW	LEN, OUTLEN	:	0443	
	03	55	E9	000FC	11\$:	BLBC	TRUNCATED, 12\$	:	0451	
	04	54	E8	000FF		BLBS	COPY_STATUS, 13\$	:		
	50	54	D0	00102	12\$:	MOVL	COPY_STATUS, R0	:	0453	
			04	00105		RET		:		
	50	00000000G	8F	D0	00106	13\$:	MOVL	#LIB\$_STRTRU, R0	:	0455
			04	0010D		RET		:	0457	

; Routine Size: 270 bytes, Routine Base: _LIB\$CODE + 0000

LIB\$TRIM_FILESP Trim filespec to fixed length
1-004 LIB\$TRIM_FILESPEC - Trim a filespec

J 16
16-Sep-1984 01:19:34 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:39:34 [LIBRTL.SRC]LIBTRIMFI.B32;1

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: 391 0458 1 END
: 392 0459 1
: 393 0460 0 ELUDOM

! End of module LIB\$TRIM_FILESPEC

PSECT SUMMARY

: Name Bytes Attributes
: _LIB\$CODE 270 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	11	0	581	00:00.8
_\$255\$DUA28:[LIBRTL.OBJ]RTL.LIB.L32;1	36	2	5	8	00:00.1

COMMAND QUALIFIERS

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

: Size: 270 code + 0 data bytes
: Run Time: 00:05.9
: Elapsed Time: 00:28.5
: Lines/CPU Min: 4646
: Lexemes/CPU-Min: 20020
: Memory Used: 116 pages
: Compilation Complete

0210 AH-BT13A-SE
VAX/VMS V4.0

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