



.....

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LL      IIIIII 88888888 TTTTTTTTTT RRRRRRRR IIIIII MM      MM FFFFFFFFFF IIIIII
LL      IIIIII 88888888 TTTTTTTTTT RRRRRRRR IIIIII MM      MM FFFFFFFFFF IIIIII
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MMMM  MMMM FF          III
LL      II     88      88      TT      RR      RR      II     MMMM  MMMM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LL      II     88      88      TT      RR      RR      II     MM      MM FF          III
LLLLLLLLLL IIIIII 88888888 TTTTTTTTTT RRRRRRRR IIIIII MM      MM FFFFFFFFFF IIIIII
LLLLLLLLLL IIIIII 88888888 TTTTTTTTTT RRRRRRRR IIIIII MM      MM FF          III

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LL      IIIIII SSSSSSSS
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LL      IIIIII SSSSSSSS
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```

1 0001 0 MODULE LIBSTRIM_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 LIBSTRIM_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

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LIBSTRIM\_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

Page 2  
(2)

```
.. 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     LIBSTRIM_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$LINKAGE, ! Get length and pointer
.. 92      0161 1     LIB$COPY_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 | SSS 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$_WRUNUMARG Wrong number of arguments.
169 0237 1 | LIB$_xxx Any error status from LIB$SCOPE R DX.
170 0238 1 | RMSS$_xxx Any RMS error status from the $FIC$SCAN 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), ! $FIC$SCAN Item list
198 0266 2 | !
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 $FILESPEC 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 [DSCW_LENGTH], LCL_DESCR [DSCA_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 = $FILESPEC (SRCSTR = LCL_DESCR, VALUELIST = 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 3 BEGIN
290 0358 3
291 0359 3 !+
292 0360 3 ! Trim fields from the left of the filespec: NODE, DEVICE and
293 0361 3 ! directory in order.
294 0362 3 !-
295 0363 3
296 0364 3 DECR I FROM 3 TO 1 DO
297 0365 4 BEGIN
298 0366 4 !+
299 0367 4 ! Does filespec fit now? If so, exit block.
300 0368 4 !-
301 0369 4
302 0370 4 IF .CURR_WIDTH LEQU .MAX_WIDTH
303 0371 4 THEN
304 0372 4 LEAVE TRIM_BLOCK; ! Yes
305 0373 4
306 0374 4 !+
307 0375 4 ! Trim field from left of filespec.
308 0376 4 !-
309 0377 4
310 0378 4 POINTER = .POINTER + .LIST_PTR [FSCN_W_LENGTH];
311 0379 4 CURR_WIDTH = .CURR_WIDTH - .LIST_PTR [FSCN_W_LENGTH];
312 0380 4 LIST_PTR = LIST_PTR [FSCN_A_NEXT];
313 0381 4 END;
314 0382 3
315 0383 3 !+
316 0384 3 ! Now trim fields from the right of the filespec.
317 0385 3 !-
318 0386 3
319 0387 3 DECRU I FROM 2 TO 1 DO
320 0388 4 BEGIN
321 0389 4 !+
322 0390 4 ! Does filespec fit now? If so, exit block.
323 0391 4 !-
324 0392 4
325 0393 4 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      3
337      0405      3      !+
338      0406      3      ! See if remaining filespec is still too long.
339      0407      3      !-
340      0408      3
341      0409      3      IF .CURR_WIDTH LEQU .MAX_WIDTH
342      0410      3      THEN
343      0411      3      LEAVE TRIM_BLOCK;
344      0412      3
345      0413      3      !+
346      0414      3      ! If we get here, the filename will be truncated.
347      0415      3      !-
348      0416      3
349      0417      3      CURR_WIDTH = .MAX_WIDTH;      ! Use maximum width
350      0418      3      TRUNCATED = .TRUNCATED + 1;      ! Indicate string truncated
351      0419      3
352      0420      2      END;
353      0421      2
354      0422      2      !+
355      0423      2      ! Copy trimmed filespec to OUT_FILE.
356      0424      2      !-
357      0425      2
358      0426      2      COPY_STATUS = LIB$COPY_R_DX (%REF(.CURR_WIDTH), .POINTER,
359      0427      2      OUT_FILE [0,0,0,0]);
360      0428      2
361      0429      2      !+
362      0430      2      ! Store OUTLEN if desired.
363      0431      2      !-
364      0432      2
365      0433      2      IF NOT NULLPARAMETER(4)
366      0434      2      THEN
367      0435      2      BEGIN
368      0436      2      LOCAL
369      0437      3      LEN: WORD;
370      0438      3      LIB$ANALYZE_SDESC_R2 (OUT_FILE [0,0,0,0]; LEN);
371      0439      3      IF .CURR_WIDTH LSSU LEN
372      0440      3      THEN
373      0441      3      LEN = .CURR_WIDTH;
374      0442      3      OUTLEN [0] = .LEN;
375      0443      3      END;
376      0444      2
377      0445      2      !+
378      0446      2      ! If we didn't truncate the filename, or if the copy failed, return
379      0447      2      ! the copy status. Otherwise return LIB$_STRTRU.
380      0448      2      !-
381      0449      2
382      0450      2

```

```

: 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$_STRTRU;      ! String truncated
: 388      0456 2
: 389      0457 1      END;                    ! End of routine LIB$TRIM_FILESPEC
  
```

.TITLE LIB\$TRIM\_FILESPEC Trim filespec to fixed length  
 .IDENT \1-004\

.EXTRN LIB\$\_ANALYZE\_SDESC\_R2  
 .EXTRN LIB\$\_COPY\_R\_DX, LIB\$\_INVARG  
 .EXTRN LIB\$\_STRTRU, LIB\$\_WRONUMARG  
 .EXTRN SY\$\_FILESKAN

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

				00FC 00000	.ENTRY LIB\$TRIM_FILESPEC, Save R2,R3,R4,R5,R6,R7	: 0167
				57 00000000G 00 9E 00002	MOVAB LIB\$_ANALYZE_SDESC_R2, R7	
				5E BB AE 9E 00009	MOVAB -72(SP), SP	
50				6C 02 02 83 0000D	SUBB3 #2, (AP), DIFF	: 0281
				50 02 50 91 00011	CMPB DIFF, #2	
				50 00000000G 08 1B 00014	BLEQU 1\$	
				50 00000000G 8F D0 00016	MOVL #LIB\$_WRONUMARG, R0	
					RET	
	0A	AE		01 B0 0001E 1\$:	MOVW #1, FSCN_LIST+2	: 0289
	12	AE		02 B0 00022	MOVW #2, FSCN_LIST+10	: 0290
	1A	AE		03 B0 00026	MOVW #3, FSCN_LIST+18	: 0291
	22	AE		05 B0 0002A	MOVW #5, FSCN_LIST+26	: 0292
	2A	AE		08 B0 0002E	MOVW #8, FSCN_LIST+34	: 0293
	32	AE		07 B0 00032	MOVW #7, FSCN_LIST+42	: 0294
			38	AE D4 00036	CLRL FSCN_LIST+48	: 0295
				55 D4 00039	CLRL TRUNCATED	: 0301
			50	04 AC D0 0003B	MOVL IN_FILE, R0	: 0308
				67 16 0003F	JSB LIB\$_ANALYZE_SDESC_R2	
	40	AE		51 B0 00041	MOVW R1, LCL_DESCR	
	44	AE		52 D0 00045	MOVL R2, LCL_DESCR+4	
		2B		50 E9 00049	BLBC STR_STATUS1, 5\$	: 0309
		03		6C 91 0004C	CMPB (APT, #3	: 0318
				05 1F 0004F	BLSSU 2\$	
			0C	AC D5 00051	TSTL 12(AP)	
				0E 12 00054	BNEQ 3\$	
			50	08 AC D0 00056 2\$:	MOVL OUT_FILE, R0	: 0321
				67 16 0005A	JSB LIB\$_ANALYZE_SDESC_R2	
			18	50 E9 0005C	BLBC STR_STATUS2, 5\$	: 0323
			52	51 3C 0005F	MOVZWL OUT_LENGTH, MAX_WIDTH	: 0326
				04 11 00062	BRB 4\$	: 0318
			52	0C BC 3C 00064 3\$:	MOVZWL @WIDTH, MAX_WIDTH	: 0329
				7E D4 00068 4\$:	CLRL -(SP)	: 0335
			0C	AE 9F 0006A	PUSHAB FSCN_LIST	
			48	AE 9F 0006D	PUSHAB LCL_DESCR	
	00000000G	00		03 FB 00070	CALLS #3, SY\$_FILESKAN	
		01		50 E8 00077 5\$:	BLBS RMS_STATUS, 6\$	: 0336
				04 0007A	RET	
			53	08 AE 3C 0007B 6\$:	MOVZWL FSCN_LIST, CURR_WIDTH	: 0344

	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	:	0374
	52		53	D1	0008A	7\$:	CMPL	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\$:	CMPL	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	C1	000B6		CMPL	CURR_WIDTH, MAX_WIDTH	:	0409
			05	1B	000B9		BLEQU	9\$	:	
	53		52	D0	000BB		MOVL	MAX_WIDTH, CORR_WIDTH	:	0417
			55	D6	000BE		INCL	TRUNCATED	:	0418
		08	AC	DD	000C0	9\$:	PUSHL	OUT FILE	:	0428
			54	DD	000C3		PUSHL	POINTER	:	
08	AE		53	DJ	000C5		MOVL	CURR_WIDTH, 8(SP)	:	0427
		08	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\$	:	
		10	AC	D5	000DB		TSTL	16(AP)	:	
			1C	13	000DE		BEQL	11\$	:	
	50	08	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	04	AE	9E	000EA		MOVAB	LEN, R0	:	0440
	50		53	D1	000EE		CMPL	CURR_WIDTH, R0	:	
			04	1E	000F1		BGEQU	10\$	:	
04	AE		53	B0	000F3		MOVW	CURR_WIDTH, LEN	:	0442
10	BC	04	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

LIBSTRIM\_FILESP Trim filespec to fixed length  
1-004 LIBSTRIM\_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 LIBSTRIM\_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]RTLILIB.L32;1	36	2	5	8	00:00.1

COMMAND QUALIFIERS

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

LIBSPAWN  
LIS

LIBSTATUM  
LIS

LIBTRAAZE  
LIS

LIBSPANC  
LIS

LIBSYMBOL  
LIS

LIBTRNLOG  
LIS

LIBSKPC  
LIS

LIBTIMER  
LIS

LIBTPARSE  
LIS

LIBTRIMF1  
LIS

LIBSTRET  
LIS

LIBTRAE2A  
LIS