



```
SSSSSSSS KK KK PPPPPPPP SSSSSSSS EEEEEEEEE PP PPPPPPP
SSSSSSSS KK KK PPPPPPPP SSSSSSSS EEEEEEEEE PP PPPPPPP
SS KK KK PP PP SS SS EEEEEEEEE PP PP PP
SS KK KK PP PP SS SS EEEEEEEEE PP PP PP
SS KK KK PP PP SS SS EEEEEEEEE PP PP PP
SSSSSS KKKKKK PPPPPPPP SSSSSSS EEEEEEEEE PP PPPPPPP
SSSSSS KKKKKK PPPPPPPP SSSSSSS EEEEEEEEE PP PPPPPPP
SS KK KK PP PP SS SS EEEEEEEEE PP PP PP
SS KK KK PP PP SS SS EEEEEEEEE PP PP PP
SSSSSSSS KK KK PP PP SSSSSSS EEEEEEEEE PP PP
SSSSSSSS KK KK PP PP SSSSSSS EEEEEEEEE PP PP
```

```
LL IIIIII SSSSSSSS
LL IIIIII SSSSSSSS
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
```

.....

```

1 0001 0 %TITLE 'Skips <comma-separator>s'
2 0002 0 MODULE SKPSEP (
3 0003 0 IDENT = 'V04-000'
4 P 0004 0 %BLISS32[
5 P 0005 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
6 0006 0 ]
7 0007 0 ) =
8 0008 1 BEGIN
9 0009 1
10 0010 1 *****
11 0011 1 *
12 0012 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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29 0029 1 *
30 0030 1 *
31 0031 1 *****
32 0032 1
33 0033 1 ++
34 0034 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
35 0035 1
36 0036 1 ABSTRACT: Skips a <comma-separator> (i.e., 'spaces ',' spaces')
37 0037 1
38 0038 1
39 0039 1 ENVIRONMENT: Transportable
40 0040 1
41 0041 1 AUTHOR: R.W.Friday CREATION DATE: January, 1979
42 0042 1

```

SKPSEP  
V04-000

Skips <comma-separator>s  
Revision History

M 6  
16-Sep-1984 01:48:09  
14-Sep-1984 13:08:11

VAX-11 BLISS-32 V4.0-742  
[RUNOFF.SRC]SKPSEP.BLI;1

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(2)

```
: 44 0043 1 %SBTTL 'Revision History'  
: 45 0044 1  
: 46 0045 1 | MODIFIED BY:  
: 47 0046 1 |  
: 48 0047 1 | 003 REM00003 Ray Marshall 07-Mar-1983  
: 49 0048 1 | Global edit of all modules. Updated module names, idents,  
: 50 0049 1 | copyright dates. Changed require files to BLISS library.  
: 51 0050 1 |  
: 52 0051 1 |--
```

STC  
V04

```
.. 54      0052 1 %SBTTL 'Module Level Declarations'  
.. 55      0053 1 |  
.. 56      0054 1 | TABLE OF CONTENTS:  
.. 57      0055 1 |  
.. 58      0056 1 |  
.. 59      0057 1 | INCLUDE FILES:  
.. 60      0058 1 |  
.. 61      0059 1 |  
.. 62      0060 1 LIBRARY 'NXPOR:XPOR';      ! XPORT Library  
.. 63      0061 1 REQUIRE 'REQ:RNODEF';      ! RUNOFF variant definitions  
.. 64      0192 1 |  
.. 65      U 0193 1 %IF DSRPLUS %THEN  
.. 66      U 0194 1 LIBRARY 'REQ:DPLLIB';      ! DSRPLUS BLISS Library  
.. 67      0195 1 %ELSE  
.. 68      0196 1 LIBRARY 'REQ:DSRLIB';      ! DSR BLISS Library  
.. 69      0197 1 %FI  
.. 70      0198 1 |  
.. 71      0199 1 |  
.. 72      0200 1 | EXTERNAL REFERENCES:  
.. 73      0201 1 |  
.. 74      0202 1 |  
.. 75      0203 1 EXTERNAL  
.. 76      0204 1     KHAR;
```

```

78 0205 1 %SBTTL 'SKPSEP --'
79 0206 1 GLOBAL ROUTINE skipsep (ira) =
80 0207 1
81 0208 1 !++
82 0209 1 !FUNCTIONAL DESCRIPTION:
83 0210 1
84 0211 1 !Skips over a comma surrounded by any number of spaces and tabs
85 0212 1 !until neither is found.
86 0213 1
87 0214 1 !FORMAL PARAMETERS:
88 0215 1
89 0216 1 !IRA is the string that is to be scanned.
90 0217 1
91 0218 1 !IMPLICIT INPUTS: None
92 0219 1
93 0220 1 !IMPLICIT OUTPUTS: None
94 0221 1
95 0222 1 !ROUTINE VALUE:
96 0223 1 !COMPLETION CODES:
97 0224 1
98 0225 1 !Returns TRUE if a comma was found, else FALSE.
99 0226 1
100 0227 1 !SIDE EFFECTS: None
101 0228 1
102 0229 1 --
103 0230 1
104 0231 2 BEGIN
105 0232 2 LOCAL
106 0233 2 result;
107 0234 2
108 0235 2 MAP
109 0236 2 ira : REF fixed_string;
110 0237 2
111 0238 2 result=false; !Assume no comma.
112 0239 2
113 0240 2 !Skip spaces and tabs before the comma.
114 0241 2 WHILE (.khar EQL %C' ') !space
115 0242 2 OR (.khar EQL %O'011') !tab
116 0243 2 DO
117 0244 2 kcns ();
118 0245 2
119 0246 2 !Skip the comma
120 0247 2 IF .khar EQL %C',' THEN
121 0248 2 BEGIN
122 0249 2 kcns ();
123 0250 2 result=true;
124 0251 2 END;
125 0252 2
126 0253 2 !Skip spaces and tabs after the comma.
127 0254 2 WHILE (.khar EQL %C' ') !space
128 0255 2 OR (.khar EQL %O'011') !tab
129 0256 2 DO
130 0257 2 kcns ();
131 0258 2
132 0259 2 !Return the result of the scan.
133 0260 2 RETURN .result
134 0261 2

```



SKPSEP  
V04-000

Skips <comma-separator>s  
SKPSEP --

D 7  
16-Sep-1984 01:48:09  
14-Sep-1984 13:08:11

VAX-11 Bliss-32 V4.0-742  
[RUNOFF.SRC]SKPSEP.BLI;1

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(4)

\*\*F

: 136 0263 1  
: 137 0264 1 END  
: 138 0265 0 ELUDOM

!End of module

PSECT SUMMARY

Name	Bytes	Attributes
SCODES	121	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]XPORT.L32;1	590	0	0	252	00:00.1
-\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	9	0	86	00:00.3

COMMAND QUALIFIERS

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

: Size: 121 code + 0 data bytes  
: Run Time: 00:04.2  
: Elapsed Time: 00:13.5  
: Lines/CPU Min: 3822  
: Lexemes/CPU-Min: 14307  
: Memory Used: 51 pages  
: Compilation Complete



Thumbnail 1	Thumbnail 2	Thumbnail 3	Thumbnail 4	Thumbnail 5	Thumbnail 6	Thumbnail 7	Thumbnail 8	Thumbnail 9	Thumbnail 10	Thumbnail 11	Thumbnail 12	Thumbnail 13	Thumbnail 14	Thumbnail 15	Thumbnail 16
Thumbnail 17	Thumbnail 18	Thumbnail 19	Thumbnail 20	Thumbnail 21	Thumbnail 22	Thumbnail 23	Thumbnail 24	Thumbnail 25	Thumbnail 26	Thumbnail 27	Thumbnail 28	Thumbnail 29	Thumbnail 30	Thumbnail 31	Thumbnail 32
Thumbnail 33	Thumbnail 34	Thumbnail 35	Thumbnail 36	Thumbnail 37	Thumbnail 38	Thumbnail 39	Thumbnail 40	Thumbnail 41	Thumbnail 42	Thumbnail 43	Thumbnail 44	Thumbnail 45	Thumbnail 46	Thumbnail 47	Thumbnail 48
Thumbnail 49	Thumbnail 50	Thumbnail 51	Thumbnail 52	Thumbnail 53	Thumbnail 54	Thumbnail 55	Thumbnail 56	Thumbnail 57	Thumbnail 58	Thumbnail 59	Thumbnail 60	Thumbnail 61	Thumbnail 62	Thumbnail 63	Thumbnail 64
Thumbnail 65	Thumbnail 66	Thumbnail 67	Thumbnail 68	Thumbnail 69	Thumbnail 70	Thumbnail 71	Thumbnail 72	Thumbnail 73	Thumbnail 74	Thumbnail 75	Thumbnail 76	Thumbnail 77	Thumbnail 78	Thumbnail 79	Thumbnail 80
Thumbnail 81	Thumbnail 82	Thumbnail 83	Thumbnail 84	Thumbnail 85	Thumbnail 86	Thumbnail 87	Thumbnail 88	Thumbnail 89	Thumbnail 90	Thumbnail 91	Thumbnail 92	Thumbnail 93	Thumbnail 94	Thumbnail 95	Thumbnail 96
Thumbnail 97	Thumbnail 98	Thumbnail 99	Thumbnail 100	Thumbnail 101	Thumbnail 102	Thumbnail 103	Thumbnail 104	Thumbnail 105	Thumbnail 106	Thumbnail 107	Thumbnail 108	Thumbnail 109	Thumbnail 110	Thumbnail 111	Thumbnail 112
Thumbnail 113	Thumbnail 114	Thumbnail 115	Thumbnail 116	Thumbnail 117	Thumbnail 118	Thumbnail 119	Thumbnail 120	Thumbnail 121	Thumbnail 122	Thumbnail 123	Thumbnail 124	Thumbnail 125	Thumbnail 126	Thumbnail 127	Thumbnail 128