


```

SSSSSSSS KK      KK PPPPPPP SSSSSSS EEEEEEEEE PPPPPPP
SSSSSSSS KK      KK PPPPPPP SSSSSSS EEEEEEEEE PPPPPPP
SS        KK      KK PP        PP SS        EE        PP        PP
SS        KK      KK PP        PP SS        EE        PP        PP
SS        KK      KK PP        PP SS        EE        PP        PP
SSSSSS    KKKKKK PPPPPPP SSSSSS    EEEEEEEE PPPPPPP
SSSSSS    KKKKKK PPPPPPP SSSSSS    EEEEEEEE PPPPPPP
SS        KK      KK PP        SS        EE        PP
SS        KK      KK PP        SS        EE        PP
SS        KK      KK PP        SS        EE        PP
SSSSSSSS KK      KK PP        SSSSSSS EEEEEEEEE PP
SSSSSSSS KK      KK PP        SSSSSSS EEEEEEEEE PP

```

```

LL        IIIIII SSSSSSS
LL        IIIIII SSSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SSSSSS
LL        II      SSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SS
LLLLLLLLLL IIIIII SSSSSSS
LLLLLLLLLL IIIIII SSSSSSS

```



```

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)

STC
V04

```

: 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 |--
```

```
.. 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

```

: R

.....

.....


```

: 136      0263 1
: 137      0264 1 END
: 138      0265 0 ELUDOM
                                !End of module

```

PSECT SUMMARY

```

:
: Name          Bytes          Attributes
: $CODE$       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

```


