

NAME

SHFTKN – Shift the contents of a string left by a given number of tokens.

SYNOPSIS

CALL SHFTKN(STRING,LS,NTSL,RC)

STRING(LS) is the CHARACTER*1 string to be manipulated
 LS is the INTEGER*4 number of characters in STRING
 NTSL is the INTEGER*4 number of tokens to remove from the front of STRING
 RC is the INTEGER*4 return code

DESCRIPTION

A token is a nonblank substring. If NTSL=0 the routine returns without doing anything. Otherwise it repeatedly blanks out the first token in STRING, calls SHIFTL to remove the leading blanks, and counts the shift. When NTSL tokens have been removed, it returns leaving LS unchanged.

DIAGNOSTICS

These are the possible return values of RC.

- 0 all went well
- 1 fewer than NTSL tokens were found
- 2 the input parameters did not make sense (LS < 0, NTSL < 0)

LINKAGE

gfortran source.f -L\${HOME}/lib -lmisc

AUTHOR

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EXAMPLE

```
CHARACTER*25 STRING/'first second third fourth'/
INTEGER*4 RC
CALL SHFTKN(STRING,25,2,RC)
WRITE(6,901) RC,STRING
901 FORMAT('RC=',I1/'STRING=',A25,'<')
STOP
END
```

This example produced the following output:

```
unix[1] a.out
RC=0
STRING=third fourth      <
unix[2]
```