NAME

LENGTH − Find the location in a text string of the rightmost nonblank character.

SYNOPSIS

L=LENGTH(TEXT,LT)

TEXT(LT)   is the CHARACTER*1 string in which to find the last nonblank
LT   is the INTEGER*4 length of TEXT

DESCRIPTION

If LT<1, the routine returns LENGTH=0. Otherwise it examines the characters in TEXT from right to left until it finds a nonblank one. If it finds a nonblank character, it returns its index in LENGTH; otherwise, it returns LENGTH=0.

LINKAGE

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

AUTHOR

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EXAMPLE

```
      CHARACTER*1 STRING(20)/'A',' ','l','i','n','e',' ','o','f',
    ;                        ' ','t','e','x','t',' ',' ',' ',' ',
    ;                        ' ',' '/
      L=LENGTH(STRING,20)
      WRITE(6,901) L
  901 FORMAT('The last nonblank is in position ',I2,'.')
      STOP
      END
```

This example produced the following output:

```
unix[1] a.out
The last nonblank is in position 14.
unix[2]
```