

NAME

UNPUNC – remove punctuation and parenthesized substrings from a string.

SYNOPSIS

CALL UNPUNC(STRING,LS)

STRING(LS) is the CHARACTER*1 vector to be unpunctuated

LS is the INTEGER*4 length of STRING

DESCRIPTION

If the string is empty this routine returns without doing anything. Otherwise it blanks out parenthesized substrings. Then it blanks out any single quote character ' that has a blank before or after it (single quotes between nonblank characters are assumed to denote contraction or possession). Next it blanks out other punctuation marks. Finally it uses SPACEL to remove leading and embedded blanks.

BUGS

Consecutive single-quote characters might be retained or deleted in a fashion different from what you would like. The single-quote character is erroneously removed from a plural possessive such as Moses' law.

LINKAGE

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

AUTHOR

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EXAMPLE

```

      CHARACTER*1 STRING(6) / ' a ' , ' ( ' , ' b ' , ' ) ' , ' ; ' , ' c ' /
      CALL UNPUNC (STRING, 6)
      WRITE (6, 901) STRING
901  FORMAT (6A1)
      STOP
      END

```

This example produced the following output:

```

unix[1] a.out
a c
unix[2]

```