

NAME

APPEND – Position the line pointer of a file to its end so the file can be appended to.

SYNOPSIS

CALL APPEND(NUNIT)

NUNIT is the INTEGER*4 logical I/O unit number attached to the file

WARNING

The simpler locution described on page 162 of Classical Fortran does not work if raising the EOF flag on the file prevents it from subsequently being written to.

DESCRIPTION

First the routine rewinds the file attached to I/O unit NUNIT. Then it reads the file, counting its lines. Finally it rewinds the file again and rereads that number of lines, leaving the line pointer at the end of the file without raising the EOF flag.

UNITS and FILES

NUNIT unit number attached to the file

LINKAGE

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

AUTHOR

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EXAMPLE

```
OPEN (UNIT=1, FILE='fyle')
REWIND (UNIT=1)
WRITE (1, 900)
WRITE (1, 900)
900 FORMAT('original line')
CALL APPEND (1)
WRITE (1, 901)
901 FORMAT('appended line')
STOP
END
```

This example produced the following output:

```
unix[1] a.out
unix[2] cat fyle
original line
original line
appended line
unix[3]
```