

# f90\_unix\_io: Unix I/O Operations Module

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## 1 Name

f90\_unix\_io — Module of Unix I/O operations

## 2 Usage

### USE F90\_UNIX\_IO,ONLY:FLUSH

This module will contain part of a Fortran API to functions detailed in ISO/IEC 9945-1:1990 Portable Operating System Interface (POSIX) - Part 1: System Application Program Interface (API) [C Language].

In this release only the **FLUSH** procedure is supported. Users are advised to use the **ONLY** clause when using this module, as it will have further names added in later releases.

Error handling is described in **F90\_UNIX\_ERRNO**. Note that for procedures with an optional **ERRNO** argument, if an error occurs and **ERRNO** is not present, the program will be terminated.

All procedures in this module are generic and may also be specific (this may change in a future release).

## 3 Synopsis

### Generic Procedures

FLUSH.

## 4 Procedure Description

```
SUBROUTINE FLUSH(LUNIT,ERRNO)
INTEGER(*),INTENT(IN) :: LUNIT
INTEGER(ERROR_KIND),OPTIONAL,INTENT(OUT) :: ERRNO
```

Flushes the output buffer of logical unit **LUNIT**. The effect is similar to the Fortran 2003 **FLUSH** statement, except that the statement allows flushing a unit which is not connected but the procedure does not.

If **LUNIT** is not a valid unit number or is not connected to a file, error **EBADF** is raised (see **F90\_UNIX\_ERRNO**).

## 5 See Also

f90\_unix\_errno(3), intro(3), nag\_modules(3), nagfor(1).

## 6 Bugs

Please report any bugs found to ‘support@nag.co.uk’ or ‘support@nag.com’, along with any suggestions for improvements.