Subject: Make SUBROUTINE *name* optional on END statements for module subprograms
From: Van Snyder
Reference: 03-258r1, section 2.4.2 and 03-007r2

Number

TBD

Title

Allow SUBROUTINE *name* or FUNCTION *name* to be optional on END statements for module subprograms.

Submitted By

J3

Status

For consideration.

Basic Functionality

Allow SUBROUTINE *name* or FUNCTION *name* to be optional on END statements for module subprograms.

Rationale

Module procedures are required to end with `end subroutine` ***name*** or `end function` ***name***. This is generally a good thing, but it makes it impossible to convert a FORTRAN 77 external procedure to a module procedure by using `include`.

Estimated Impact

Trivial. Delete "or module function" from C1243 and "or module subroutine" from C1248.

Detailed Specification

To cater for the desire that an external procedure could be made into a module procedure using `include`, allow the `subroutine` ***name*** or `function` ***name*** part to be optional on an *end-subroutine* or *end-function* statement.

Delete "or module function" from C1243 and "or module subroutine" from C1248.

History