Subject: Option to control whether structure component names appear in namelist output
From: Van Snyder
Reference: 03-258r1, section 2.13.1

Number

TBD

Title

Option to control whether structure component names appear in namelist output.

Submitted By

J3

Status

For consideration.

Basic Functionality

Provide specifiers in OPEN and WRITE statements that control whether structure component names appear in NAMELIST output. Provide a specifier in INCLUDE to inquire whether the mode is selected for the connection.

Rationale

One can put structure component names in namelist input. This has documentary value. For output, the standard just says that the form is the same as for input. Since component names are optional in the input, most processors do not put them in namelist output. Since they would have documentary value in the output, it would be useful to be able to control whether they appear in the output.

Estimated Impact

Minor.

Detailed Specification

Provide specifiers in OPEN and WRITE statements that control whether structure component names are required to appear in namelist output, required not to appear, or can appear at the whim of the processor. Provide a specifier in INCLUDE to inquire whether the mode is selected for the connection.

History