SAMPLE

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1. A section

Here is a note

The standard permits different interval behavior via the flavor concept described in this clause. An **interval model** means a particular foundational approach to interval arithmetic, in the sense of a Level 1 abstract data type of entities called intervals and of operations on them. A **flavor** is an interval model that conforms to the core specification described below.

A **provided flavor** is a flavor that the implementation provides in finite precision (Level 2) by approximating evaluations with possibly widened evaluations as defined in §XXX.

An **included flavor** is one that has a specification in this standard, which extends the core specification. The *(list to be confirmed)* flavors are the currently included flavors. The procedure for submitting a new flavor for inclusion is described in §YYY.

An implementation shall provide at least one included flavor. The implementation as a whole is conforming if each included flavor conforms to the specification of that flavor, and each non-included flavor conforms to the core specification.

Another note rather longer in fact a lot longer this time around

Flavor is a property of program execution context, not of an individual interval. Therefore, just one flavor shall be in force at any point of execution. It is recommended that at the language level, the flavor should be constant over a procedure/function or a compilation unit.

For brevity, phrases such as "A flavor shall provide, or document, a feature" mean that an implementation of that flavor shall provide the feature, or its documentation describe it.

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