Subject: Work on component accessibility
From: Van Snyder
References: 00-247

1   Introduction

The wording at [49:14-17] is clearer than the wording that attempts to address a similar purpose at [49:5-8].

The restriction against using a structure constructor outside of the module containing its definition if any of the type's components are private is too strong. It should be OK to use the constructor if private components have default initialization, and it is not overridden.

2   Edits

Edits refer to 00-007r2. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by immediately following text, while a page and line number followed by + indicates that immediately following text is to be inserted after the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

[Editor: Replace "If ... component is private" by the following:]   49:5-8
The accessibility of components may be declared explicitly by an *access-spec* in the *data-component-def-stmt* that defines them. If there is no *access-spec* in a *data-component-def-stmt*, then the accessibility of the components it defines is public unless the *data-component-part* of the type definition contains a PRIVATE statement, in which case the accessibility is private. If a component is public, that component name is accessible via any accessible object or subobject of the type. Otherwise

---

J3 internal note   49:10+

Integration issue xxx
The restriction against using a structure constructor outside of the module containing the type's definition if any of its components are private is too strong. It should be OK to use the constructor if private components have default initialization, and it is not overridden in the constructor.

[Editor: 00-247 addresses the above issue, so don't bother inserting the note if it passes.]