

1450.4 meeting minutes – 05/21/09

Attendees: Bruce Parnas, Jim O'Reilly, Ernie Wahl

Not present: Ajay Khoche, Markus Seuring

Agenda:

- IEEE Meeting Preamble (No discussion of proprietary information)
- Meeting minutes from most recent meeting (05/07/09) are now posted on the web.
- Continue discussion of binning. Most recent version of binning document is on the web. Updated syntax document is also posted on the web.
 - Note that there's a potential conflict regarding use of anonymous bin axes (i.e., NOT using bin axes) and accessing them via an index of 0 (as shown in Ernie's latest binning document, and in the example in the syntax document). Other array accesses were to be 0-based, as in C, per (I believed to be) agreement among WG members. Let's settle this.
 - Resolution: There is no conflict. For named axes, access can be by index or by name. For anonymous bin axes, access is ONLY by index – and index 0 is the only index allowed. This means that, even if axes are not used, there will always be at least one axis, and since it is not named, it must be accessed by index, will be indexed by index 0, as shown below

Map Fail.Axes[0].Bins[ContactOpens] 5;

or by simply dropping the axis specification (with axes[0] implied) and using only the bin specification (either by index or name), as shown below

Map Fail.Bins[ContactOpens] 5;

Note that in the case where no axes are used, the second form is the preferred form, as it maps better to existing languages.

- Question: Is it allowed to have an empty group or axis – i.e.

Pass { } // one unnamed axis with no bins.

- Resolution: each axis must have at least one bin, each group must have at least one axis (named or anonymous). This implies that each group MUST have at least one bin – and thus the syntax above is illegal.
- Discussion of group and axis property syntax (section 3.2.2 of Ernie's binning document). Discussed the property names and semantics; syntax document will be updated per these discussions.
- Discussion of syntax document open issues list. Issues list (showing resolved and unresolved issues) is also on the web.
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- Open issues - are there other open issues that should be considered? A review of the open issues list can guide us here.
 - (http://spreadsheets.google.com/ccc?key=pE11-gPUmt2ZTw_kcCTgnKw&inv=jim_oreilly@ieee.org&t=933048453488551871&guest).
 - If logged into your google account, can edit. If not, can only view
- Other?

- Actions:
 - Jim:
 - Finalize proposals for handling spec/category/spec variable dot0-dot4 integration.
 - Jim/Ernie:
 - Update binning and syntax documents to reflect decisions made regarding binmap syntax.
 - Bruce:
 - Review and update TestBase proposals.
 - Distributed. Will be discussed in the coming weeks.
- Next Meeting 05/28/09.

For reference STIL .4 information can be found at the IEEE STIL website:

<http://grouper.ieee.org/groups/1450/> (select the [P1450.4](http://grouper.ieee.org/groups/1450/dot4/index.html) link from the table) or use the direct link <http://grouper.ieee.org/groups/1450/dot4/index.html>