

1450.4 meeting minutes – 01/07/10

Attendees: Jim O'Reilly, Bruce Parnas, Ernie Wahl, Markus Seuring, Ajay Khoche

Not present:

Agenda:

- **NOTE: Summary includes discussion at the meeting, as well as a number of followup emails which were sent through the P1450.4 email reflector).**
- IEEE Meeting Preamble (No discussion of proprietary information).
- Discussion items
 - Any issues with changes made to D30 syntax document (dated 01/06/2010)? If so, please respond via email to the reflector. Please review changes as listed in D30 revision block of syntax document, and in the minutes from 12/17/09.
 - What is the relationship between spec variables, local variables and parameters, and test program global variables; for example, for a test that generates histograms for period or period vs. power? Do spec variables in a local context override global variables of the same name?
 - No discussion – ran out of time.
 - Add to syntax document an alternate way to convert double to Bool:
 - Double Mydouble = -1.0;
 - Bool myBool = (mydouble < x)
 - No mathematical operations allowed on booleans; logical operations are allowed:
 - ==, !=, !, &&, ||
 - Enum<->integer conversions. Convert by assignment, or implicit conversion in an expression other than assignment?
 - Do we need to add data types to handle not only Bins, but Bin Axes, Groups, and BinDefs (SoftBinDefs/HardBinDefs)? Yes or no.
 - No, don't add additional data types. Use BinSpec (changed from Bin) instead – will handle BinDefs, BinGroups, Bin Axes, and Bins. Need .Type operator to determine which the variable
 - Should we change keyword used for bin axes from Axis to BinAxis (to avoid conflict with the soon-to-be-discussed axis blocks for searches/shmoos).
 - Yes.
 - Change NoBin to None - with same contents in Bin context.
 - Yes.
 - Other areas that need attention.
 - NameMaps
 - Axis blocks. Currently, STARC is using NameMaps to define Shmoo blocks and Margin blocks. It seems to me that a general axis block type is needed. We need to define this.
 - Discussion of retest proposal (included at the end of the current syntax document).
- 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=pEI1-gPUmt2ZTw_kcCTgnKw&inv=jim_oreilly@ieee.org&t=933048453488551871&guest.
 - If logged into your google account, can edit. If not, can only view.
- Next Meeting 01/14/10.

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

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