

1450.4 meeting minutes – 10/26/11

Attendees: Ernie Wahl, Markus Seuring

Not present: Ajay Khoche, Jim O'Reilly, Oleg Erlich, Paul Reuter

Agenda:

- IEEE Meeting Preamble (No discussion of proprietary information).
- Continue with discussion of section 7.6, Variables and Expressions.

Summary:

- ISSUE: reconcile STIL.1 and STIL.4 usage of the global (unnamed) Variable block with regard to the scope of visibility of Integer variables.
 - No quorum – so recommendations were discussed, but are not yet accepted.
 - Regarding the gnarly interaction between STIL.1 and STIL.4 global integers which may be avoided if as we recommend, STIL.1 and STIL.4 do not both appear in the STIL statement and we use the STIL.0 definition of PatternBurst (line number refers to syntax document dated Oct 25, 2011):
 - RECOMMENDATION, Line 3307: A global variable with attribute "Usage Test" is accessible across PatternBursts as defined in STIL.1. A variable with "Usage Test" attribute shall have a default initialization value of 0, not None.
 - Regarding Dynamic IDD: let pattern execution time be controlled via the TestExec (native code) portion of a standard or native TestType which executes a normally non-looping PatternBurst as many times as required to cover combined settling and power supply measurement time.
 - DELETED: In STIL.4, for Usage attribute Pat to provide two way communication between TestProgram and PatternBurst, the global value variable must be manually reset to its initial value before the start of a PatternBurst executing Test, the STIL.4 equivalent of a PatternExec, in order to mimic the behavior specified in STIL.
 - SCRAPPED: option Pat reverts to Test since we gave up on two way communication between TestProgram and PatternBurst due to STIL.1 semantics usurping control of the integer variable (reinitializes with every execution of PatternBurst).

Actions:

- Jim to rework Verigy example from STIL paper so that the STIL translation is consistent with its original Verigy code.

Reference documents (If logged into your google account, can edit. If not, can only view.)

- [Current Draft Syntax Document](#)
- [Issues List](#)
- [Namespace resolution examples document](#)
- [Communications spread sheet](#) (scratchpad spreadsheet)
- [Communications word doc](#) (scratchpad word document)

Next meeting: 11/02/11

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>