

## 1450.4 meeting minutes – 01/21/14

**Attendees:** Ernie Wahl, Markus Seuring, Mitsuo Fujii, Jim O'Reilly

**Not present:** Julia DiChiaro, Oleg Erlich, Ajay Khoche, Paul Reuter

### Summary:

**Change of meeting date:** Due to schedule conflicts, meeting will be moved to Tuesdays (same times as previously), rather than Wednesdays.

Line numbers are from STIL.4 syntax document dated Jan. 20, 2014

- Section 1. Overview:
  - ADD EXPLANATION (fig. 1): ATPRG is optional
  - ADD: 2nd diagram without ATPRG
  - ADD EXPLANATION: why timing is both ATPRG & ATPG and output (when ATPG output reflects tight timing, ATPRG may add guardbands and tester-hardware-specific correction factors and/or create loose timing from tight).
  - ADD: PatternBurst to fig 1 and 2 diagrams
- STIL.4 Variables blocks (unnamed and domain-named): Because of the ongoing difficulty in reconciling behavior between Variables blocks described in IEEE-1450.1-2005 (aka dot1) and the desired behavior of variables blocks in P1450.4, we decided to distinguish the two by choosing a different keyword for P1450.4 variables blocks than is used for 1450.1 Variables blocks. The new keyword used for P1450.4 variables blocks is FlowVariables (1450.1 variables blocks use the keyword Variables).
  - NOTE: FlowVariables is not an appropriate substitution for Variables in every context.
  - STIL.4 flow variable Integer is shared memory with a STIL.1 Integer variable only if all conditions are met:
    - Both the STIL.4 and STIL.1 variable are of type Integer
    - Both the STIL.4 and STIL.1 variable have the same identifier
    - Both the STIL.4 and STIL.1 variable have the attribute Usage Test.
    - At least one PatternBurst or pattern refers to the STIL.1 Variables block where the Integer variable is defined, by name.
    - It is the user's responsibility to make sure the initial value, if specified, (at first use) of such a variable is consistent with the desired usage in both the FlowVariables block and the Variables block. Once the initial value is set, the current value is determined by the most recent update to that variable's value by either the PatternBurst/Pattern/Procedures/Macros constructs or by the Test or Flow blocks.

### Action Items:

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

- <http://spreadsheets.google.com/ccc?key=0AoKiPr1I9LY9dF95dkhSTVVqOU5GbWJyWFNhY0JPX0E&hl=en>
- Namespace resolution examples document:  
<http://docs.google.com/Doc?docid=0AYKiPr1I9LY9ZGY4dmNjNTNfMGZkOGJ2bmZy&hl=en>
- Scratchpad spreadsheet: <https://spreadsheets0.google.com/ccc?key=tQ93VDnAZ-CI9RFKpPrPDzw&authkey=COzyro8K&hl=en&authkey=COzyro8K#gid=0>
- Scratchpad "Word" doc: [https://docs1.google.com/document/d/1zVu2M8nTJsrm0nFbBhiuM8-YRt4ErYqdy\\_uSa3x3\\_T4/edit?authkey=CLrgwrsG#](https://docs1.google.com/document/d/1zVu2M8nTJsrm0nFbBhiuM8-YRt4ErYqdy_uSa3x3_T4/edit?authkey=CLrgwrsG#)

**Next meeting:** 01/28/14

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>