

## 1450.4 meeting minutes – 02/04/14

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

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

### Agenda:

#### Current Focus:

- Before teleconference: scan document to make sure that every usage of keyword FlowVariables is appropriate.
- Line 4805 - 4806: change buf\_attributes Power and Ground to improve error messages to, e.g., PwrSignals GndSignals
- Lines 5233-5296, section 6.11.2.2, ref STIL.1/STIL.4 shared memory, special attention to initialization sequence.
- Lines 5177-5181, ref PatternExec
- Annex A Name Spaces
- Annex C Event Sequence
- Annex F Block Sequence
- Section 6.8 Binning: review syntax after rescinding hard bin counters. See near line 3591.
- Seeking help with coding examples: writing coding examples is an excellent way to spot documentation short-comings. More participation equals more scrutiny. A complete production test program would be useful.

### Summary:

Line numbers are from STIL.4 syntax document dated Feb. 03, 2014

- Line 577: ADD "top-level" to section 3. Definitions.
- Line 4805 - 4806: ACCEPT: change buf\_attributes keywords Power and Ground to PowerRails and GroundRails respectively. Reason: improve error messages (buf\_attributes Power easily confused with pads\_attributes Power)
- Lines 5233 - 5235: ACCEPT with changes
- Lines 5238 - 5245: ACCEPT with changes: only variables in the unnamed Variables block are candidates for shared memory.
- Lines 5253 - 5257: ACCEPT with changes
- Lines 5266, 5276: ADD example: No initialization in both STIL.1/4 implies STIL.1 initialization to 0.
- Lines 5278 - 5296: bring example explanations in line with pertinent revisions
- Shared variable initialization:
  - unnamed top-level FlowVariables/Variables block variables initialized only once, no initialization in STIL.1/4 means STIL.1 default initialization to 0
  - shared variables hold value until changed from within executing test or pattern
- STIL.1:
  - named Variables block, local to context where referenced (PatternBurst, pattern reference), initialized with every execution of context

### 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/1zVu2M8nTJsrn0nFbBhiuM8-YRt4ErYqdy\\_uSa3x3\\_T4/edit?authkey=CLrgwrsG#](https://docs1.google.com/document/d/1zVu2M8nTJsrn0nFbBhiuM8-YRt4ErYqdy_uSa3x3_T4/edit?authkey=CLrgwrsG#)

**Next meeting:** 02/11/14.

**NOTE:** Agenda for this meeting will be focused on a demo and discussion of Roguevation's Rhythm STIL toolset.

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>