

## 1450.4 meeting minutes – 07/22/14

**Attendees:** Ernie Wahl, Carey Garrenton

**Not present:** Jim O'Reilly, Ric Dokken, Scott Franzen, Paul Reuter, Markus Seuring, Oleg Erlich, Julia DiChiaro, Ajay Khoche, Mitsuo Fujii

### Agenda:

- Review section A.1.3 Standard Global Variables.
- Line 4866, 4904: Boolean expressions should be tracking (single-quoted).
- Consider reclassifying function failMemArm (section 6.8 and 6.6.4) as an action, address related issues:
  - Action (section 6.7.3) properties:
    - Used only in Test/Flow Action blocks
    - Has no return value
    - Syntax: inconsistent regarding use of parentheses: should actions look more like function calls?
  - Function (section 6.8) call properties:
    - Used only in expressions.
    - Has a return value
    - Identifiers, e.g., max, are not reserved word candidates, ref C language
    - Syntax: identifier is followed by parentheses enclosing 0+ arguments.
- Line 2884: constrain Test instantiation to under TestProgram block (including inline for entry-point): each TestProgram has its own copy of FlowVariables and any other type that is written to, so if a test is instantiated at the top-level and a reference is passed, it is indeterminable which copy it is a reference to.
- Refine wording: a STIL.4 compliant reader shall read all legal STIL.4 syntax, adjoining STIL.0/2 syntax including STIL.4 extensions. Supported syntax shall be handled in accordance with specified semantics. STIL.4 compliant syntax, e.g., a writer's output, shall be readable by a STIL.4 compliant reader.
- Review section 6.11.3.2 Shared Global Variable Memory, special attention to initialization sequence.
- Review Annex G Block Sequence
- Review Annex B Name Spaces
- Seeking help with coding examples: writing coding examples is an excellent way to spot documentation shortcomings. More participation equals more scrutiny. A complete production test program would be useful.
- Review Syntax Document organization and general content in light of emails:
  - Ric Dokken Sat 5/17/2014 4:09 PM
  - Jim O'Reilly Mon 5/19/2014 12:45 PM
  - Ric Dokken Tuesday, May 20, 2014 3:52 PM
  - Jim O'Reilly Tue 5/20/2014 10:57 PM

### Summary:

Section and line numbers if any are with regard to STIL.4 syntax document dated July 21, 2014.

- Section 4.2, "Conventions", Lines 664, 668, 670, and 672: FIX problems with "above/below" terminology
- Section 6.8 and 6.6.4: RECOMMEND failMemArm should return a Boolean value indicating success or failure.
- Section 6.10.3 "6.10.3 Standard Default Flow-node" and Section 6.10.4 "Standard Test Base", Lines 4866, 4909: ACCEPT Boolean expressions should be tracking (single-quoted).
- Line 2884: ACCEPT constrain Test instantiation to under TestProgram block (includes inline at entry-point), i.e., DELETE "top or" (NOTE: This item was accepted by both attendees at this meeting; however, in certain instances, other members of the working group feel that it should be allowed to instantiate tests at the top level – specifically, when the SignalMap block is used to map signals to tester channels, rather than using the Device block for this purpose). Therefore, this ACCEPT is not yet ratified)
- Section A.1.3: accept red text.

### 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:** 07/29/14.

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>