

1450.4 meeting minutes – 06/24/14

Attendees: Ernie Wahl, Jim O'Reilly, Ric Dokken, Scott Franzen (new member), Carey Garrenton (new member)
Not present: Paul Reuter, Markus Seuring, Oleg Erlich, Julia DiChiaro, Ajay Khoche, Mitsuo Fujii

Agenda:

- Review Appendix A.1.3 Special Purpose Variables in light of special-purpose variables/functions discussion (ref Ric Dokken email: Sat 5/17/2014 3:42 PM).
- Decide whether Special Purpose Variables should again be Standard Global Variables for reliably consistent translation (previously approved as Standard Global Variables, they were moved to the appendix under the misconception that they would require special treatment at run-time).
- Review, possibly remove section 6.10.2 Standard Global Variables.
- 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:

Line numbers if any are with regard to STIL.4 syntax document dated June 23, 2014.

- Continuing discussion about test program standard variables – required or recommended? Based on the fact that some of the proposed variables are likely to be used to make decisions in the flow, we've agreed to include some of these variables as part of the standard. We still need to determine which such variables are necessary, and what those variable names should be.
 - As an example of why variables with predefined names are needed, there are cases where test execution or test bypass is based on what type of package the device is in. When translating to specific platforms, it's helpful to know what operation is being branched on, so that any platform-specific handling can be done correctly; therefore, we determined that giving these variables predefined names will greatly ease the task of translating to specific platforms).
- Annex A.1.3 Special Purpose Variables: REINTEGRATE into section 6.10.2 Standard Global Variables in principle.
- REVISIT: which specific standard global variable names should be reserved.

Action Items:

- Jim: ADD Scott Franzen (j.scott.franzen@gmail.com) and Carey Garrenton (ctgarrenton@embarqmail.com) email addresses to reflector.

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#

Next meeting: 07/07/14.

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>