

1450.4 meeting minutes – 07/08/14

Attendees: Ernie Wahl, Jim O'Reilly, Ric Dokken, Carey Garrenton

Not present: Scott Franzen, Paul Reuter, Markus Seuring, Oleg Erlich, Julia DiChiaro, Ajay Khoche, Mitsuo Fujii

Agenda:

- Section 6.10.2 *Standard Global Variables*:
 - Consider other names/concepts for inclusion.
 - Consider reserved standard global variable name *continueOnFail* for elimination.
 - Review reserved standard global variable types, names, and descriptions.
 - Review body text.
- 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 July 07, 2014.

- **NOTE:** The recent discussions regarding certain variable names (i.e., *continueOnFail*, *chip_id*, *pkg_typ*, etc.) that may be used to make flow-branching decisions in the program, and the lack of agreement as to whether these need to be defined as part of the standard, center around whether or not these variables are part of the test program (and thus represented in the flow) or part of the operating system that executes that program. There remains a fundamental disagreement among the working group on this point; as a result, we've taken a bit of a middle ground, and included ONLY standard variables that are likely to be used for branching decisions in the test program. This means that a variable like *pkg_typ* (now called *StdPackageType*) will be included, while a variable representing an X or Y coordinate, or wafer or lot ID, will not be included, as a standard, predefined variable name.
- REMOVE all references to *continueOnFail*
- Section 6.10.2 *Standard Global Variables*:
 - Variable names: prefix with *Std*, change all postfix *_id* to *_type*, spell out everything, comply with Section 4.2 Conventions, result:
 - *chip_id* -> *StdChipType*
 - *device_id* -> *StdDeviceType*
 - *mode_cod* -> *StdTestMode*
 - *pkg_typ* -> *StdPackageType*
 - *tst_temp* -> *StdTestTemperature*
 - Variable definitions: add explicit " = None" right-hand side
 - Variable types: change *StdTestMode* (previously *mode_cod*) to enumerated type and add type to section 6.10.1 Standard Enumerated Types
- MOVE to portability Appendix A.1.3 *Standard Global Variables*
 - Line 4810: sentence beginning with "An ATPRG"
 - Line 4814: sentence beginning with "If it uses"

Action Items:

- Jim: ADD Scott Franzen (j.scott.franzen@gmail.com) and Carey Garrenton (ctgarrenton@embarqmail.com) email addresses to reflector. (DONE: Carey and Scott were able to register on their own – membership in reflector confirmed).

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#

Next meeting: 07/15/14.

For reference STIL .4 information can be found at the IEEE STIL website: <http://grouper.ieee.org/groups/1450/> (select the [P1450.4](http://grouper.ieee.org/groups/1450/dot4/index.html) link from the table) or use the direct link <http://grouper.ieee.org/groups/1450/dot4/index.html>