

1450.4 meeting minutes – 10/14/14

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

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

Agenda:

- Document reorganization:
 - Jim: updated Dave Dowding hierarchical diagram. AI from last meeting; done.
 - Ric: syntax document outline proposal. AI from last meeting; done
- Discuss current status of document re-organization in light of Ric's suggested outline.
- We are at the leaf-nodes of the STIL.4 language definition. Unresolved issues are not concentrated in any one section. The following list items affect syntax or semantics and therefore hinder completion of the prototype parser/database:
 - Line 5640: include recommendations regarding, for within a Spec:
 - Specifying different variables in different categories?
 - Specifying different variable definition sequence in different categories?
 - Line 4822, 4848: consider Enum (quantifiable and extensible) for App (application)
 - Line 3995, Table 13: convert(string)
 - Line 3116, Table 5: constraint Type (<TimingIDCLevels>)
 - Line 2752: var_assignment_stmt
 - Line 1214 Table 1, 3060: add TestExec
- Section 6.11.3.2 *Shared Global Variable Memory*: special attention to initialization sequence. Please be prepared to critique the example and commentary in red.
- Review *Annex G Block Sequence*
- Review *Annex B Name Spaces*
- Ric Dokken to provide a complete test program for Annex G.2
- Seeking help with coding examples: writing coding examples is an excellent way to spot documentation shortcomings. More participation equals more scrutiny.
- 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 Oct. 13, 2014.

- Continued discussions from last week about document re-organization. Long and wide-ranging discussion. End result was to continue next week, but reached the following decisions:
- SUBSTITUTE word "clause" for "section" globally
- REMOVE the following clauses, as they're already covered under section 1.1 "Scope"
 - 6.5.4 "Wafer Map"
 - 6.5.5 "Prober/Handler Interface"
- MOVE text/figures of section 6.5.6 "Multi-site/MPW Testing" to within section 6.5.2 "Device"
- MOVE text/figures of section 6.9.10 "Retest" to within section 6.9 "Binning" (ALREADY THERE: no action taken)
 - Carey's comment: retest as part of the program language may be more efficient than as part of the operating system
- CHANGE section 6.12 "Input File Organization" title to "IncludeOnce". This will ultimately become a top level heading
- MOVE text/figures of section 6.5.3 "DCSequence" to sections 6.5.2 "Device" and/or section 6.6.1 "Entry Points" instead.
- REJECTED:
 - Add "STIL Syntax Description" heading as in STIL.0 (will not add this section)
- The following sections proposed for removal by Ric are still under discussion. Some on the WG feel this represents a redesign rather than a simple document reorganization. Issue will continue to be debated.
 - Multi-site/MPW Testing
 - Bin Axes
 - Bin None

- Counters
- Retest
- Interaction with other IEEE 1450 Extensions
- Input File Organization (now IncludeOnce)

Action Items:

- All: Review and comment on Ric's suggested outline update, with sections to retain and sections to delete.

Completed Action Items:

- Ernie: remove data-capture and DFM related text
 - **Done**
- Jim: provide updated Dave Dowding hierarchical diagram
 - **Done**
- Ric: provide syntax document outline proposal
 - **Done.**

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: 10/28/14. No meeting the week of 10/21/2014, as that's ITC week.

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>