1450.4 meeting minutes – 11/23/11

Attendees: Ernie Wahl, Markus Seuring, Jim O'Reilly
Not present: Ajay Khoche, Oleg Erlich, Paul Reuter

Agenda:
- IEEE Meeting Preamble (No discussion of proprietary information).
- Continue with discussion of section 7.6, Variables and Expressions.

Summary:
Line numbers are with regard to syntax document dated Nov 22, 2011
- Line 2492 CONSENSUS: Left and right-hand side dimensions shall be required to match if both are specified unless the right-hand side is explicitly or implicitly None.
- Line CONSENSUS 2494: Array dimensions and units shall be fixed once the array is initialized, i.e., assigned a value other than None.
- Line 2545 table 2nd last row, col 3, RECOMMEND: what is pointed is constant, remove "and evaluates the same during test execution" also line 2549
    - Remove "How about PatternBurst fail counters ? On possible explanation: PatternBurst execution increments fail counters, not the test. Still, the increment function would be non-Const or logical const. How about a resetting fail counters function, also non-Const or logical const ? Adding non-Const functions in the future may affect library stability."
- Line 2554 RECOMMEND: accept "Once a non-Const array reference parameter is initialized, it may be assigned another array of the same size and units. Alternatively, an array parameter may be assigned a scalar of the same units which sets every member of the referenced array to the same value. An individual element of the array may be singled out via one or more bracket enclosed indices, each a scalar integer value zero or greater, and assigned a scalar of the same units changing the value of the referenced array element."
- RECOMMEND: keyword Required: derived class can override Optional with Required but not vice versa.
- RECOMMEND: array parameter dimension specification: "InOut Limits limsarray[][2][3]" requires that limsarray be a reference to an array whose 1st dimension is flexible and whose second and third dimensions are 2 and 3 respectively (scuttled attribute Dims because mission is accomplished without adding new keyword).
- RECOMMEND: external reassign non-Const InOut
- RECOMMEND: use term "attribute" instead of "property", "attributes" instead of "properties"

Actions:
- Jim to rework Verigy example from STIL paper so that the STIL translation is consistent with its original Verigy code.

Reference documents (If logged into your google account, can edit. If not, can only view.)
- Current Draft Syntax Document
- Issues List
- Namespace resolution examples document
- Communications spread sheet (scratchpad spreadsheet)
- Communications word doc (scratchpad word document)

Next meeting: 11/30/11

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