

1450.4 meeting minutes – 07/20/11

Attendees: Ernie Wahl, Jim O'Reilly

Not present: Markus Seuring, Oleg Erlich, Ajay Khoche, Paul Reuter

Agenda:

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

Summary:

- No quorum, discussions and recommendations only:
 - Line numbers with respect to Syntax doc dated Jul 19, 2011
- Line 980: recommend adding Enum FailMode ids:
 - EXCEPTION_SOFT, // Software exception, e.g., divide by 0
 - EXCEPTION_HARD, // Hardware exception
 - FAIL_FNC, // Functional or functional part of parametric
 - FAIL_PRM, // Parametric, e.g., search endpoints
 - FAIL_BOTH LIM, // Lower and upper limit
- Line 1800, 1801: recommend acceptance of examples:
 - 7 '0.9*prd > 10ns ? 10ns : 0.9*prd' // Legal
 - 8 '0.9*prd > 10ns' ? 10ns : 0.9*prd // Illegal

Recommend addition of example:
0.9*prd > 10ns ? 10ns : 0.9*prd // Legal
- Line 2107: recommend:
 - Limits shall not be reassigned after instantiation however, initialization and tracking behavior may be affected by the Const modifier (see section 7.6.2)
- Line 2109: recommend:
 - A high limit less than the low limit shall result in undefined behavior. With the exception of keyword None, a high limit with different units than the low limit shall be illegal
- Line 2064, Table 4: recommend add NotContain(math_expr) to Limits row, Unique Operators column for double ended limits only.
 - NOTE: use Contain(math_expr) for result inside limits window
 - NOTE: use NotContain(math_expr) for result outside limits window, returns Enum FailMode PASS or FAIL_BOTH LIM

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.)

- <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: 07/27/11

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>