

1450.4 meeting minutes – 10/12/11

Attendees: Ernie Wahl, Ajay Khoche, Jim O'Reilly

Not present: Markus Seuring, Oleg Erlich, Paul Reuter

Agenda:

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

Summary:

- **ISSUE:** reconcile STIL.1 and STIL.4 usage of the global (unnamed) Variable block with regard to the scope of visibility of Integer variables.
 - From STIL.1, pg 29 - 30, with regard to Variables blocks: "Variables and constants declared in an unnamed Variables block are global in scope and may be accessed from any pattern context unless that variable is hidden by a declaration of the same name from a named Variables block referenced from a PatternBurst context. Global variables are set to the InitialValue at the start of a PatternExec and maintain the last-assigned value throughout the execution of the PatternExec."
 - From STIL.1, pg 28: "Usage Test: This statement specifies that the integer-variable is to be used in the translation, load, or execution of the STIL file/stream for an ATE system. Integer-variables without this statement may safely be ignored for the purposes of pattern execution. The default is NO; i.e., do not use as a test variable."
 - RECOMMENDATION, Line 2368, ref doc dated Oct 11, 2011: add support for attribute

"Usage Pgm|Shared|Sim|Test" to type "Integer" which will affect global integers only:

Pgm: visible to TestProgram only (STIL.4 and STIL.1/STIL.4 combination DEFAULT)

Shared: visible to TestProgram and PatternBurst

Sim: visible to simulation programs only (STIL.1 DEFAULT, i.e., absence of "Usage Test" statement)

Test: visible to PatternBurst only

- **SYNTAX DOCUMENT:** the following items have changed as a result, ref future doc dated Oct 19, 2011:
 - augmented Integer variable type description at or about line 2038.
 - added section 7.8.2 STIL.1 Semiconductor Design Environments.

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: 10/19/11

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>