1450.4 meeting minutes – 09/21/11

Attendees: Ernie Wahl, Jim O'Reilly
Not present: Markus Seuring, 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:
- With respect to Syntax Document dated Sep 20, 2011:
    - Line 1729, footnote: can't avoid escaped double quote in String for Bin names and vector labels
        - Example:
            If (Pass.Axes[i].Bins[j].Name == "\"3.00GHz\"") ...
            Allow \" and \\ in String

        - Per IEEE 1450-1999, vector labels can be quoted or unquoted, so we need to permit quoted strings as part of vector labels – which means that to allow assigning those names to other (String) variables we MUST support escaping (using the conventional backslash ("\") character of at least the double quote ("). We also included escaping of the backslash character ("\") itself. We discussed whether we should allow backslash-escaping of other characters, but could not not think of examples where that would be needed, so we agreed to defer that to a time when a need could be demonstrated.
    - Line 1807: accept Retest entry point
    - Line 2159: use adr & cyc instead of A & C for readability
    - Line 2178: accept magnitude operator
    - Line 2180: accept canonical form for units
    - Line 2273, Table 8: accept Cel & Fahr in addition to oC & oF for readability
    - Line 2275, Table 9: accept legal return vals for conditional operator (?:)
    - Line 2275, Table 9: accept function pow (move to table 10)

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: 09/28/11

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