

1450.4 meeting minutes – 01/11/12

Attendees: Ernie Wahl, Jim O'Reilly, Markus Seuring

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 Jan 10, 2012

- Line 1362: Resolve StdFunctional parameters "VecLocation stop" and "Seconds maxtime" (redundant)
 - CONSENSUS: leave maxtime, remove TIME option from type VecLocation
 - CONSENSUS: literal strings without quotes shall be illegal (disambiguates identifiers and strings), e.g.,
String str1 = "abc";
String str2 = str1; // str2 is set to "abc", not "str1"
 - STIL.0 and STIL.1 references were cause for clarification (neither has a String type):
 - STIL.0, pg 10 (18): NOTE 4 implies that strings without quotes are acceptable when no whitespace is involved
 - STIL.1, pg 14: example line 43
 - STIL.1, pg 71: NOTE—Per STIL.0 definition, double quotes are only delimiters and are not allowed as part of the string.
- CONSENSUS: Setting attribute Units requires either a literal string or a variable, e.g.:
String s = "V";
Volts v1 = 1V;
Compound c1 { Units s1.units(); } // Legal: s1.units() returns string
Compound c2 { Units s; } // Legal: string
Compound c3 { Units "V"; } // Legal: literal string
Compound c4 { Units V; } // Illegal: no string variable named V exists
- CONSENSUS: The righthand side of a VecLocation assignment is a reference to a Pattern memory location, a vector, not of type String. For the following example assume that vector labels lbl and "lbl" exist and vector label str2 does not:
String lbl = "lbl";
String str2 = "\"lbl\"";
VecLocation vloc1 = lbl; // Legal: doesn't refer to String lbl
VecLocation vloc2 = "lbl"; // Legal: quoted vector label
VecLocation vloc3 = str2; // Illegal: no vector label called str2
- CONSENSUS: Lines 1079 - 1100: approved TestBase changes.
- CARRY FORWARD: Line 1083 is OK but left red to highlight "execStatus since when"? Since Start, LotStart ?
- CARRY FORWARD: ACTION from mtg2012_01_04.txt, Line 2282

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: 01/18/12

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>