

1450.4 meeting minutes – 10/10/12

Attendees: Ernie Wahl, Jim O'Reilly, Mitsuo Fujii

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

Summary:

No meeting on Sept. 26, 2012. Line numbers are with regard to syntax document dated October 09, 2012

- Line 804: Add NAME to circuit elements; Add Value keyword to specify value for capacitors, resistors, and inductors, and move Value <value> statement inside braces (Value literal;)
- Accept additional statement format in STIL.2 DCSequence: time_expr { (Switch relay_name < On | Off >)+ }
Example:
2ms { Switch SSPST_NO1 On; } // Closes normally open relay
This capability is added to allow controlling load board switches (relays) from within the DCSequence structure. The switches referred to in this type of statement are defined in the Tester section (lines 754-772) of the Device block (lines 745-773). We had considered allowing the above Switch statement to the pre- or post-actions of a Test, Flow, or FlowNode block, but decided against this because the purpose of the actions statements in the pre- or post-actions was to allow operations on flow-related variables and structures, NOT hardware control. We decided that if we allowed the Switch statement for load board relay control in the pre- or post-actions sections, that would open the door for other types of hardware control in those areas, and we did not want to do that now, as we don't have time to consider all the implications.
- Lines 3577-3621: Add two DCSequence optional parameters to TestType StdFunctional. These parameters are named seqbeg and seqend, and are executed at the beginning and end of the StdFunctional test. Default value for those parameters is None. Allows for user-defined DCSequences (including statements for load board relay control) to be specified and executed at the beginning and end of a StdFunctional test (or any test derived from that type).

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: 10/17/12

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>