

P1450.4 meeting minutes - 05/02/07

Attendees: Doug Sprague, Ernie Wahl, Bruce Parnas, Ajay Koche

Not present: Jim O'Reilly, Greg Maston, Brian Johnson, Tony Taylor, Daniel Fan, Yuhai Ma, Bob Roberts, Oscar Rodrigues, Jim Mosley, SB Thum, Jose Santiago

Agenda/Summary:

- **Preamble:**
 - Record Meeting (*2)
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 - IEEE Meeting Preamble (No discussion of proprietary information).
 - Discussed Doug's simple example of a dot 4 test program/flow at the end of the syntax, starting on page 19
 - Syntax change for lines 157 and 190 to remove curly braces as these are already captured in the instance_stmt defined on line 57
 - Need to make updates from last meeting regarding terminology of types and instance names in syntax per noted in previous meeting
 - We discussed allowing flows being specified with declaring a flowtype, (i.e. keeping simple things simple) and it was agreed that this should be allowed
 - Ernie noted that the idea is that there be some type of default flowtype for the language and then this default flowtype would be applied for any flow instances which were not built off some user defined flowtype
 - Bruce noted that STIL in general should not have tester specifics but that these should be handed as mapping STIL to specific testers
 - For default types, the language will allow overriding any pieces of the TestBase of default test or flow types
 - This same overriding behavior should be allowed when instantiating a Flow.
 - For instance, an instantiated flow could override some default flow post actions, but not pre actions.
 - We discussed how to instantiate Flows of a default flowtype by not specifying a type field but just an instance name
 - There was some discussion around using dot 4 for test program generation and how this might address targeting different testers by specifying different flowtypes which handle differences in tester specific flow limitations.
 - Consensus was that we should not introduce tester specifics in the language for specifying flows
 - Both the language and the usage model for STIL dot 4 should be tester agnostic
 - Do we need a concept of a FlowType or just Flow instances in the language?
 - Consensus was that it is still important for the language to have a concept of a FlowType
 - Ajay pointed out reasons for needing different flowtypes for a given test program, so we need the type concept (and those reasons are? Will follow up with Ajay)
 - Followup question in closing was...should allow Tests to be instantiated without some predefined test type, similar to what we are allowing for Flows?

Next meeting:

- Next meeting 05/09/2007

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>