

P1450.4 meeting minutes - 07/25/07

Attendees: Doug Sprague, Bruce Parnas, Jose Santiago, Ajay Koche, Ernie Wahl, Jim O'Reilly

Not present: NOTE: Many of those previously listed in the working group (WG) roster (see previous minutes) have not attended the WG meetings in 9 months or more. Though most or all of these are subscribed to the STIL.4 reflector, they are not currently part of the WG, and henceforth, will not be listed in attendance roll call as either present or absent). If any of these folks subsequently rejoin the WG actively, they'll be included in the roll call.

Agenda/Summary:

- Preamble:
 - Record Meeting (*2)
 - To listen to the meeting recording, do the following:
 - Call the (US) dial-in numbers 1-877-421-0003 (toll free) or 1-770-615-1374 (toll)
 - Enter the passcode code 747464
 - Once dialed in with the proper access code, enter *3 (star 3)
 - Then enter the file number 18469901 for this conference (this number will change each week).
 - Press 1 to listen to the conference.
 - IEEE Meeting Preamble (No discussion of proprietary information).
 - WG roster on website.
 - Done. Document sent to Tony for posting on website.
 - Discuss plans for meetings at ITC.
 - WG members at ITC (Doug, Jim, Bruce, Ajay, Jose). STARC representatives will be present. Jim to look into logistical arrangements (meeting rooms, etc.)
 - Review dot4 issues list and add any other known items (Jim sending document, etc.).
 - Jim reviewed list of open issues. This list is included in the mailing to which these minutes are attached, and is summarized below:
 - Variables instantiation within a type definition. Do we want to allow only instantiation of previously defined types (per P1450.1), or allow inline definition and instantiation?
 - Usage of all STIL block types as variables. When using InitialValue statement, the syntax currently does not allow specification of any elements of a STIL block
 - Creation (instantiation) of Flows (or Tests) local to a TestType block. Adding Test and Flow to the list of STIL block types allowed in a Variables block definition, together with suitable resolution of the issue directly above, would address this without the need for additional syntax.
 - Inline instantiation of Tests or Flows from within the TestExec or EntryPoints statements. What elements of a TestType or FlowType can be specified when using inline instantiation?
 - Multi-site support.
 - Binning constructs (need to finalize).
 - User-defined EntryPoints. As the end result of such an operation is likely to be non-portable, perhaps UserKeywords could be applied for this purpose.
 - General agreement that the above issues are valid areas which we still need to address. Jim to merge this list with the various issues previously listed in the Issues/Resolutions document.
 - Ernie pointed out that in order to develop illustrative examples, we need to define at least a few TestTypes (such as functional, no-op, perhaps a simple DC test) – even though these TestTypes will not become part of the standard, and may not match equivalent TestTypes from any of the various ATE vendors' existing languages.
 - We also agreed to drop a previously-mentioned issue – that of adaptive test (allowing dynamic reordering of the flow sequence at runtime based on test results from recently tested die or packages

Actions:

For next meeting, Jim to update syntax document based on ideas from recent meetings. Jim to merge open issues list from this meeting with Issues/Resolutions document.

Next meeting:

- Next meeting 08/01/2007.

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>