

## **P1450.4 syntax subgroup meeting minutes - 08/01/05**

Attendees: Greg Maston, Jim O'Reilly, Doug Sprague

Not present: Tony Taylor

### **Summary:**

- Walk through D13 syntax document; describe individual blocks and their interactions.

### **Issues raised:**

- Top-level diagram regarding conceptual Model I:
  - Are test flows intended to be inside or outside the test program. Is this a hole in the conceptual model?
  - Some discrepancies between the conceptual model and the latest syntax documents in terminology used (i.e., conceptual model uses "TestModuleDefs", while syntax documents use "TestObjectDefs"). Need to make sure both documents use same terminology.

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Attendees: Jim O'Reilly, Greg Maston, Tony Taylor, Doug Sprague

Not present:

### Summary:

- Minutes are available on the website – Click on “syntax-group” in “*Quick Links:*” section near top of main P1450.4 web page (see address below).

### Open issues with the various syntax drafts:

- D13:
  - Need to review available entry points. Need to define the triggers for available entry points. Need to define order of precedence.
  - How does TestObject or TestMethod report return status? Do we need a global execute status variable, or do we require each object to store information?
  - TestNode and TestObject pre-action action post-action syntax needs to be defined.
  - Microflows: If a TestObject contains more than one TestMethod/TestObject, which one(s) contribute to pass/fail status of that particular Execute statement? If more than one in the list, and one fails, do subsequent ones get executed? Jim to research.
  - BinDefs/BinMaps. Should bindefs (softbins) used in binmaps be defined inside or outside the scope of binmaps? If outside, it would allow reuse of softbins in multiple binmaps.
  - Do we need a “SiteMap” construct which specifies which test program(s) are loaded to the different sites of a multi-site system (assuming you want to have different test programs loaded on different sites)? This also applies to the D11 and D14 syntax drafts.
- D14:
  - “Execute” statement (line 40). We should be able to use TestObject, TestMethod, or TestFlow interchangeably. Propose to replace type (TestMethod, TestObject, TestFlow) identifier with Exec keyword. Tony to write up description of semantics for namespace resolution of object names.
  - Keyword “Flow” should be “TestFlow” (or choose another common prefix?)
  - Should TestFlow be a top-level block outside the scope of TestProgram? If so, then how do BinDefs assigned at Exit Ports get resolved? Create BinDefs block outside scope of test program and reference it inside test program block. Allow multiple BinDefs. Create TestFlowDefs block outside scope of test program, reference inside in EntryPoints. User’s responsibility to make sure everything matches.
  - Drop Execute at line 126. Flow nodes don’t have to be named. Test flow MUST be named.
  - Line 78/79 – drop (const) attribute
  - What are DUTTYPE and SOCKETDEF? Need to clarify. Jim to research.
- For reference STIL .4 information can be found at the IEEE STIL website:  
<http://grouper.ieee.org/groups/1450/> (select the [P1450.4](http://grouper.ieee.org/groups/1450.4) link from the table) or use the direct link <http://grouper.ieee.org/groups/1450/dot4/index.html>