1450.4 meeting minutes – 09/10/09

Attendees: Jim O'Reilly, Ernie Wahl, Markus Seuring, Bruce Parnas, Ajay Khoche
Not present:

Agenda:
- IEEE Meeting Preamble (No discussion of proprietary information)
- Discussion of timeline to resolve open issues.
  - TestBase content.
    - To be resolved this meeting (and next, if we run over).
  - Spec/category/variable scoping proposal (see "Spec/Category/SpecVariable Handling Proposal", dated Aug 12, 2009, under "Docs for WG Meetings" on the dot4 website. I'm proposing that we have a Level1 and Level2 form of the STIL 1.0 { Flow 2009 (Level1 | Level2); } statement.
    - The reason I feel it's important (and will do my best to convince you all!) to include both is to help speed adoption, and to provide seamless translation for systems that use the opt. 1 model WITHOUT having to remap spec variable names.
    - To be resolved in 9/17 or 9/24 meeting.
  - Discussion of TestProgram required variables.
    - To be resolved in 10/8 meeting)
  - Pinmaps
    - Will start discussions with STARC/SSTAG folks, and review what they've done with NameMaps so far.
  - Dot0/dot4 integration (see a number of issues with this tag in the GoogleDocs issues list – link is shown below).
  - I'd like to get these open issues closed by or before ITC, so we can report progress on that front (that we're syntax and semantics complete, and are pulling together the ballot document).
- Discussion of TestBase contents.
  - Very long discussion on whether we should include an init() function for TestBase (to be called by On Load). Eventual resolution:
    - While such a function is likely to be needed when implementing a software system that runs STIL dot4, it opens up a host of runtime-related issues that we're not prepared to deal with now, and so we'll defer this for now, and not include it in TestBase.
    - Among the runtime-related issues that were raised are:
      - (since the init function for any object that is derived from TestBase would be called ONCE at the On Load entry point), what order would the init function for each object be called?
      - What other actions would take place during On Load (such as global variable initialization)?
      - What order would the various runtime actions associated with a On Load occur (i.e., would global variable initialization occur before any of the TestBase-derived objects' init function?)
- Open issues - are there other open issues that should be considered? A review of the open issues list can guide us here.
  - http://spreadsheets.google.com/ccc?key=pEI1-gPUmt2ZTw_kcCTgnKw&inv=jim_oreilly@ieee.org&t=933048453488551871&guest).
  - If logged into your google account, can edit. If not, can only view
- Other?
- Next Meeting 09/17/09.

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