

P1450.4 meeting minutes - 01/10/06

Attendees: Dave Dowding, Bruce Parnas, Jim O'Reilly, Jose Santiago, SB Thum

Not present: Tony Taylor, Tom Micek, Yuhai Ma, Eric Nguyen, Steve Lill, Daniel Fan, Greg Maston, Jim Mosley, Doug Sprague, Chris Nelson, Ernie Wahl, Bob Roberts, Oscar Rodrigues

Agenda/Summary:

- Next week's meeting (Dave unavailable on Wed.)
 - Jim to send out info on next week's meeting by Friday 1/13
- Review of Conceptual model <-> syntax document terminology mapping ("Rosetta Stone")
 - Document available on STIL.4 website, under "Proposals and Working Documents" section.
 - Reviewed table (which compares/contrasts the terminology and concepts used in both the conceptual model and the syntax document) row by row (thanks to Dave for taking notes, which I present verbatim below). CM refers to conceptual model, Syntax refers to syntax document.
 - TestProgram Block in both. Need for more than one block in one file: Bruce: would not use this but does not object.
 - **Decision: Have single key word "TestProgram". All agreed.**
 - EntryPoint (CM) and EntryPoints (Syntax): Jim recommends using "EntryPoints". Jose felt that the singular version is good.
 - **Decision: Use the plural form of the keyword "EntryPoints". SB and Jose-Singular oppose. Unresolved and added in issues and resolutions document.**
 - TestFlow in both documents: Type definition. Cannot directly execute a TestFlow you can only execute an instance of a TestFlow. Bruce viewed this differently where the TestFlow is not an instantiation, but it contains instantiations (a collection). Jim indicated that this contains Variables, etc. and a template from which you can make objects.
 - **Decision: No differences, no changes needed to either document.**
 - FlowNode in both and they are in agree.
 - **Decision: No differences, no changes needed to either document.**
 - TestMethod in CM and TestModule in Syntax. Note regarding this is also an instantiation. Jim does not find any differences. In the CM this is the lowest test entity. In order to execute something you must construct that looks up or refers to the test. Bruce feels that this adds an additional layer than is needed. Syntax used a different term due to another keyword (TestMethodDefs). In OTPL the test is a class and the lowest level. (Jim: I need some more discussion with you on this. Today?) Difference between CM and Syntax is knowing what to execute: In CM parameters in the TestMethod and in the TestModule adds the TestMethodDefs is instantiates what is to be executed. Do we need the additional layer of TestMethodDefs? Without this, is there a simple way to deal with User Code such as in the Agilent and Schumberger implementations?
 - **Decision: It is proposed we defer this topic until a later time and add to the issues and resolutions document.**
 - TestBase and Defaults in the CM only and not in the Syntax document. Ernie suggests that this is an inheritance hierarchy. Jim agrees with the utility of this, but does not want to force the user of the spec to accomplish this end. A way around this is to have Defaults definition

explicitly stated for different blocks in the syntax. In OTPL has ITest that all tests must inherit for all tests.

- **Decision: It is proposed we defer this topic until a later time and add to the issues and resolutions document.**
- TestMethodDefs (in Syntax only) as discussed earlier and stands with the earlier concept.
- TestObject in CM and TestInstances in the Syntax: Difference in terminology between the two documents. (Syntax document the TestInstance can describe a TestFlow and TestModule.) In the CM how these exist is not clearly stated (section 2.4 talks about something that is instantiated but not clearly defined).
 - **Decision: It is proposed that we move CM to use the TestInstances keyword and the clarification of its use. In the Syntax document we will add some explanation in the Semantic Rules portion for this keyword.**
- In the CM TaskNode and DecisionNode in section 2.7. These are redundant and Jim proposes that they can be synthesized from existing constructs (TestModule or FlowNode) in the syntax document.
 - **Decision: It is proposed that these key words (section) be removed from the CM. All agreed.**

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>