P1450.4 meeting minutes - 08/17/05

Attendees: Ernie Wahl, Jim O'Reilly, Dave Dowding,

Not present: Doug Sprague, Jim Mosley, Tom Micek, Yuhai Ma, Eric Nguyen, Chris Nelson, Oscar Rodriguez, Steve Lill, Bob Roberts, Tony Taylor, Daniel Fan, Jose Santiago

Summary:
- Discussed D14 draft, with emphasis on recent changes involving block structure, variables scoping, and the operation of parameter passing.
- Issues to take back to syntax subgroup:
    - TestObjectDefs – TestObjectName needs a type specifier. If included, signature for TestObject must be the same as TestMethod of which it's a type.
        - Response: The type of a TestObject is (implicitly) specified by the name of the block in the TestExec statement; the type of the TestObject is the same as the type of TestMethod referred to. Note that the TestMethod does not state an explicit type – the type is inferred from the name of the TestMethod, and its signature (input/output/input-output parameters). Do we want to explicitly type the TestMethod (and by implication, the TestObject)?
    - Should Category/Selector be treated just like any other variables?
    - A likely time you might add variables not included in integral type (i.e., an extended test method) is when you create a test method. For instance, a user might want to string together several integral test methods to create a user-defined test method – and these might require variables not included in the integral test method(s).
    - Variables blocks – can they be created/defined inside a TestMethod, TestObject, TestFlow, or TestProgram block?
        - Answer. NO. Variables blocks are defined outside the context of other blocks, but are actually instantiated inside those blocks by virtue of being referenced by a Variables <var_domain>; statement inside any block of the types mentioned above.

Summary:
- 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