P1450.4 meeting minutes - 04/07/04

Attendees: Dave Dowding, Jim O'Reilly, Ernie Wahl, Tom Micek, Jim Mosley, Yuhai Ma, Don Organ

Not present: Doug Sprague, Eric Nguyen, Tony Taylor, Dan Fan, Bruce Parnas, Jose Santiago

Agenda:
- Enumerate open issues.
- Update the conceptual model document with information on types.

Enumerate open issues:
- Clean up feature comparison matrix (esp. left-hand column) which outlines the language features contained in the various candidate languages. Owner – Dave.
- Represent OTPL as STIL EBNF. Owner – Tony Taylor.
- Represent Ernie's model syntax as STIL EBNF.   Owner – Jim O'Reilly
- Fill in the entries for "Don's Variant from Orig" (column D of feature comparison matrix) with information from the "Don's Variant from Orig" document (the current draft posted on the STIL .4 WG website - December 9 2002 (pdf)). Owner – Jose Santiago
- Apply proposed syntaxes to use cases. Owner(s) – TBD (but someone other than the originator of the use case).
- Need to develop a milestone schedule which will allow us to complete a language draft by ITC.

Question from Tom – when does STIL .4 WG want to engage with STC on multi-site test issues? (Editor's note: Don't want to use the term "parallel test" because in the SOC world, that implies running tests on multiple cores within the same device in parallel.)

Yuhai – Advantest is currently developing language support for multi-site testing, and plans to deliver draft of multi-site language constructs to STC by October. This will include language constructs ONLY; all implementation details will be proprietary to Advantest. Until then, STC will be working on the capability spec (WHAT is required), and working with Advantest on draft proposals of multi-site language constructs. STC is meeting this week (agenda will include this issue) - Yuhai will report back to the STIL .4 WG next week.

Other issues/actions discussed:
Ernie mentioned that the conceptual model is not quite complete – it is accurate as far as it goes, but it does not include the idea of "types". Ernie will work with Dave one-on-one to update the conceptual model diagrams.

Ernie also expressed concern that, in assembling the feature comparison matrix and looking at a number of candidate languages, we seem to be going in a lot of different directions at once. While he does understand the benefit of seeing a variety of different systems and seeing how other people do things as we try to arrive at a common denominator, we also need to be aware that if we have a specific time frame in mind (to produce a language), we do need to keep that time frame in mind as we work throught these other tasks. The more directions we run off into, the harder it will be to pull everything together. Ultimately, though, Ernie wants to insure that the language we develop can map reasonably well to most (or all) testers currently on the market.