

P1800 PAR meeting

Dave Rich

Mentor Graphics ADR

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Graphics®**

Some Statistics

- **BC/EC Technical committees have been frozen since December 15, 2007**
- **472 Mantis issues “fixed” in 1800-2009**
 - Starting from the first merged draft
- **Open Mantis issues have grown to 986**

Vendors and Users need time to catch their breath

- **Much of 1800-2009 has yet to be implemented**
- **Some of 1800-2005 has yet to be implemented in any simulator**
 - **Operator overloading**
 - **Pattern matching**
 - **Corner cases**
- **Even more of 1800-2005 not consistently implemented in all simulators**
- **Ambiguities and inconsistencies in what is implemented**

Users are not using what is implemented

- **Corporate coding guidelines restrict users to what is consistently implemented in all simulators**
- **Users are getting into trouble using non-compliant features and don't know it until they need to support multiple vendor environments**
- **Our customers demand interoperability**
- **Too many features to keep up**

Problems with PAR Process

- **5 years to wait for a new revision of an active standard is too long**
- **Current standard does not reflect actual implementations**
 - **divergences have been introduced in those 5 years that have yet to be addressed**
 - **Proprietary enhancements have been introduced to fill the gaps**
- **Mantis system has become a block hole**

Proposed PAR

- **2-year PAR P1800-2012**
- **Charter would be to address errata and ambiguities that drive convergence in implementations**
- **No enhancements without explicit prior WG approval**
 - **Several enhancements do have widespread support**
- **Classification of errata/enhancement would still be up to the technical committee**

Other Options

- **Split VPI/DPI into “dot” standards**
 - More efficient project management
- **Create Study Groups for longer term enhancements**
 - Work in parallel at the required pace