

Committee Status 07/12/07

Neil Korpusik

P1800 Technical Chair

SV-AC

- 4 Mantis items resolved
 - 1648, 1674, 1731, 1737
 - Draft 3,3a review completed
- Unable to achieve consensus with SV-BC on principles of 1728
 - 'Let' construct
 - Decided to restrict scope to assertions and proceed
- 49 open mantis items
 - 8 new (1849, 1852, 1853, 1855, 1898, 1900, 1901, 1932)
 - 41 old items

SV-BC

- The committee didn't provide a status update.

SV-CC

- The committee didn't provide a status update.

SV-EC

- 5 Mantis items approved
 - 1371, 1556, 1609, 1723, 1789
 - 1723 – size() method for associative arrays, had 2 opposed
 - Dynamic arrays and queues have size() methods today
 - Cliff – thinks of size as the address range currently spanned
 - Stu – no change needed (the num() method currently exists)
- Main areas of focus
 - Classes, stream operators, coverage
 - Assigned Merge LRM review clauses
 - Slow progress in this area
- Risks and concerns
 - Key contributors are spread across more than one committee
 - Many issues are taking a lot of time to resolve
 - 124 remaining Mantis items (33 assigned, 80 in the 'new' state)

SV-XC

- Binding
 - Arrived at a general agreement on transparency requirements
 - The ability to reference constructs/names from another language
 - Reviewed strong and weak typing rules across languages
 - Committee agreed on requirements for libraries and compilation order
 - Compared VHDL and SystemVerilog libraries
 - Focused on semantics, not implementation
 - <http://www.eda-stds.org/sv-xc/hm/0098.html>
- Next steps
 - Complete requirements for strong and weak typing rules

Champions

- There are now 93 Mantis items ready for the champions
 - SV-AC 16
 - SV-BC 40
 - SV-CC 16
 - SV-EC 21
- Meetings to be held
 - July 27
 - August 8
 - August 15
- Concern
 - The champions will be busy for the next month