

SV-EC Status

28 February 2002



David Smith – Chairman
Stefen Boyd – Co-Chairman

Agenda

- Status
- Milestones
- Plan

Status - Extensions

- Current status
 - EXT-2: Constraints/Randomization
 - Approved and in LRM
 - EXT-3: Alias
 - Approved and in LRM
 - EXT-18: Handles
 - In review and in LRM
 - EXT-19: Scheduling Semantics
 - SSWG complete
 - EXT-20: Export/Extern
 - waiting for definition from SV-CC



Status - Testbench

- Testbench LRM development
 - Accepted 3.1
 - Sections 1-11 (base types) (with event bit delayed until events resolved and opportunity for Jay to present “static class” proposal)
 - Section 15 (program)
 - Annex C will be moved to Section 3
 - Unresolved
 - Section 12 (Inter-Process Synchronization and Communication)
 - Issue is event definition
 - Section 13 Clocking Domains
 - Need to complete action items and reconcile with the scheduling semantics
 - Section 20 (Random Constraints)
 - Need to do detailed walkthrough – no known issues
 - Annex D Linked List
 - Decision to provide “system include” of class declaration – Jay action item
 - Decision to provide standard class declaration – Arturo action item
- Changes
 - 111 changes to LRM generated
 - 20 still in review and being approved at SV-EC F2F
 - All but 4 (108-111) are in Draft 3 LRM

Status – Action Items/Issues

- Action Items
 - 65 generated
 - 16 open
 - most on document clarification and clocking domain
- Issues (from SV Testbench review)
 - 28 issues generated
 - 27 issues are closed
 - 1 open
 - wait_var and event handling

Status – Committee Requests

- Request to SV-EC from other committees
 - 10 generated
 - 1 in voting (handles)
 - 1 waiting for response
 - 1 to be considered at next meeting
 - 7 closed
- Request from SV-EC to other committees
 - 3 generated
 - 2 closed
 - 1 waiting for response from SV-CC

Milestones

- February 17th
 - Draft 3 LRM complete
- February 24th, 2003
 - complete 3.1 LRM (complete at DEVCON)
- February 27th, 2003
 - Half day Face to Face resolved many issues
- May 1, 2003
 - SV 3.1 sent to Accellera board
- June 1, 2003
 - SV 3.1 standard complete



Plan

- March
 - Update LRM with latest decisions
 - Edit review of LRM looking for consistency
- March 17, March 31
 - Last chance for technical changes.
 - Technology freeze on March 31
 - only clarification and editing
- April 14, April 28
 - Clarification and editing changes
 - April 28 LRM complete and 3.1 finished at committee
 - pass to board

