



SV-CC Status

November 2003

Swapnajit Mitra (SGI) – Chair

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Mission: Define C Interfaces (APIs) for SV

- **Current goals for this committee in the SV 3.1a time frame are:**
 - **Prepare an errata list of items for SV 3.1 SV-CC contributions**
 - **Technology donations**
 - **Provide an extended VCD-like interface for SV objects (Novas)**
 - **Provide facility of exported tasks (Mentor)**
 - **Provide a VPI interface to SV (Synopsys)**

Accomplishment : Errata from SV 3.1

- **LRM-1: chandle garbage collection**
 - **LRM-5: dpi_function_proto**
 - **LRM-17: Open array related changes**
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- **LRM-38: Import function argument direction**

Accomplishment : Technology Donations

- **Donation materials obtained from Mentor Graphics, Novas and Synopsys.**
 - Donation materials from Mentor and Novas have been presented to the team and under review by the members.
 - Donation from Synopsys has been presented and currently under acceptance vote.
 - Votes were organized to accept/reject the donation materials from Mentor and Novas for more review. Both were accepted.

Planned Activities and Milestones

- **12/1/2003**: Complete technology errata, freeze technology of submissions, close implementation feedback
- **12/24/2003**: End of LRM development, start of LRM review
- **01/24/2004**: Send to board
- **02/24/2004**: Release 3.1A LRM

Risks and Challenges

- **Schedule risk:** Many of the technologies are under discussion and the schedule of the outcome is not predictable.
 - What we are doing about it:
 - Informal meetings
 - Increased frequency of the formal meetings
 - Frequent updates if the proposals
- **Technology synchronization:** Parallel developments in other committees may not be fully covered or understood.
 - What we are doing about it:
 - Background meetings among the champions.