SMI-Lab 10 Plugfest #1

On **February 22–26, 2010**, the SMI-Lab held its first plugfest of 2010. Jim Davis, WBEM Solutions, led this plugfest. Companies represented at the Plugfest included EMC, IBM, Olocity, PMC-Sierra, Hitachi, and Fujitsu.

Getting everything up and running

One goal of the plugfest was to become familiar with the new environment at the new SNIA Technology Center and check that all the equipment and software was working. After the recent cross-town move, Jim Davis wanted to be sure that participants would be able to access the facility and that the lab would be available to developers.

Plugfest #1 accomplishments

Jim Davis led the plugfest.

Jim Davis reported these Plugfest #1 activities:

- **CTP 1.4 testing.** Attendees worked with CTP 1.4 (CTP test for SMI-S v1.4), the most recent version of CTP.

- **Scalability testing.** CIM-XML has added pull operations. Rich Roscoe, EMC, noted "SMI-Lab 10 Plugfest #1 was valuable for EMC because we were able to perform interoperability testing for the new CIM pull operations that we plan on supporting."

- **Feedback.** Jim led a session that gave attendees the opportunity to provide input, with the goal of adding value to future plugfests. (see next section).

- **CIM_Error presentation**. Jim gave a presentation on error handling using CIM_Error, a standard way to pass error info. He explained how the standard message registry works by running a live demo showing code and using various message parameters.

SMI-Lab value

The Plugfest included a discussion of SMI-Lab "value adds"—current and requested. Jim summarized:

- **Leading Edge Technology presentations.** Jim Davis: "One of my goals is to bring leading edge technology to the plugfests. I will present a demo at every plugfest so attendees can see that new technologies use real working code and will be available shortly."

- **Tools, utilities and source code examples available on a server in lab.** Coming in the near future

- **Communication with other companies.** What groups within the companies are working on what? What is available in the lab? What hardware is in the lab?

- **Coexistence of providers.** Example: VMware provides virtualization using PMC-Sierra products. How do those exist in the same environment? How do you handle multi-tenants (two vendors on one CIM server)?

- **Debugging experts.** How do I address this CTP error? How do I reproduce it? What is the root cause?

Announcing SMI-Lab 10 Plugfest #2: *Scalability Fest II & Discovery Fest II*

"If your company is shipping or working on a SMI Implementation, you need to be at this plugfest." –Jim Davis

May 24-28, 2010, SNIA Tech Center: Clients and Developers from SMI-Lab member companies are invited.

Visit http://www.snia.org/forums/smi/tech_programs/lab_program/ to register.

> **Don't miss these presentations at the May Plugfest:**
> - VMware: CIM development in the VMware environment
> - Jim Davis: Leading edge technology demo

Karl Schopmeyer, ready to answer those tough questions