PWG Quarterly Oct 2006
Projector & Display Management BOF
Status

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DELL™

Projector & Display Management BOF

- Call for participation at PWG quarterly meeting a year ago

- Began in earnest July 2006
  - Critical mass of interested vendors
    - Projector vendors and OEMs
    - Management software developers

- Weekly concalls
  - Tricky to schedule: Austin/Dallas, Seattle, Singapore, Taiwan, Tokyo

- Email exchange, FTP site for docs

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Goals

- Develop a data model for the management data of video projectors and video displays

- Targets

  - Installed projectors from small conference room to theater

  - Large, (semi-)permanently mounted displays, NOT desktop

- Define abstract data model

  - Generate SNMP MIB first

  - Consistent data for other access points: embedded web server, serial, CIM MOF

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Participation

- Active companies
  - Canon
  - Coretronics (Optoma)
  - Dell
  - Epson
  - NEC
  - SpinozaTechnology
  - Symon Communication
- Still recruiting
- Others expressed interest but have not committed a person.

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Methods

- Agree on targets, requirements for management

- Develop architectural model
  - Started with Printer MIB model

- Define common use cases
  - Inventory, manage power and consumables
  - Save and restore settings for usage profiles

- Divide and conquer
  - Everyone takes some use cases, some groups, some data items

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- Agreed requirements and targets

- Set of use cases, 1-3 paragraphs each

- Rough architectural model, long slideset

  - Define subunits, groups of properties, properties within groups

- Template for defining groups, tables, properties

  - Interview sheet: choose datatype, fanges if necessary, enumerations, is it mutable, writable, have a default value, etc.

  - XML format so we can use it to generate at least part of MIB & MOF

- Several groups defined, working on several others

- Some understandings of issues such as power states

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Documents

- FTP area on ftp.pwg.org/pub/pwg/BOFs/pdm

- Charter, member list, requirements, use cases

- Data model, group and property definitions

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Roadmap

- Draft abstract data model Feb-March 2007

- SNMP MIB produced mainly by translation

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Questions?

- Please come to the BOF, Thurs 4-5PM

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