PWG / DMTF Work Register
Version 1.0
Date Initiated: 05/12/2005

Alliance Organizations

PWG and the Distributed Management Task Force (DMTF)

Background

The Printer Working Group – a Program of the IEEE-ISTO, is an active standards development consortium for the printer, multifunction, print software and services and printer/MFD management industry. At various points throughout the history of the PWG and DMTF, the two organizations have collaborated to aligned models and semantics. Thus, the current DMTF CIM model for Printers, Print Jobs and Print Services does correlate, in some areas with standards developed by the PWG such as the Printer MIB and Internet Printing Protocol. The PWG has recently published an updated common Semantic Model and is currently working on a web services protocol for remote fleet management.

Alliance Partner Mission

This DMTF work register will provide a context for cooperation between the PWG and DMTF to review and update the CIM model based on the updated Printer MIBv2, the PWG Semantic Model and web services protocols, as appropriate.

Alliance Benefits

DMTF, PWG and the industry, including adopters of related standards, will benefit from this alliance.

The DMTF will have the benefit of leveraging an industry specific group of 30 members who have focused their expertise in developing a common semantic model that is already accepted (to various degree) among multiple print related standards ranging from Bluetooth and UPnP to Print On Demand Initiative and CIP4/JDF. This will represent the fastest path to refreshing the CIM model as it pertains to printers while achieving a result that should be embraced readily by all major and minor print related vendors and customers.

PWG members will benefit through further dissemination of a common semantic model. This model describes a set of objects and vocabulary that, if adopted throughout the industry, will streamline the development of products and services in this domain. PWG will also benefit from additional review and new perspective that DMTF participants will bring to the process.

Related standards organizations will, likewise, benefit from widespread adoption of a common semantic model that meets their needs related to printing and printer/MFD management.

The industry and customers will benefit because PWG/DMTF alignment should result in better interoperability and enhanced functionality among services management solutions.

Alliance Scope

The scope of this work register will be limited to collaboration between PWG and DMTF CIM Core Schema WG using Printer MIBv2, and the PWG Semantic Model and protocols as a basis to revise and update CIM. The alliance will constitute formation of one workgroup. The following tasks are anticipated:

1. Education period – PWG familiarize with CIM; DMTF familiarize with Printer MIBv2 and PWG Semantic Model
2. Content review – evaluation and agreement between PWG/DMTF members regarding which content to incorporate (or not)

3. Semantic Model → CIM mapping
4. Review, approval processes (by both organizations).
5. Maintenance (may result in ongoing charter or a new work register as necessary

Milestones / Dates

- Agree on scope and mission and establish work register (May, 2005)
- Solicit participation and form working group (July, 2005)
- Education period (July through August, 2005)
- Content evaluation period (September through October, 2005)
- Mapping (November, 2005)
- Draft review / revision(s) (December, 2005)
- Last Call (December, 2005)
- Formal Approval (January, 2006)
- Public appearance / Press review

Work Register Review Date

Work registers should be reviewed on a regular basis to update progress on the milestones and to adjust the work registers based on changes in objectives between the partner organizations. This work register will be reviewed in February 2006, following public introduction of the completed work.

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