# PWG WIMS *CIM Alignment*

# Conference Call Minutes

# July 20, 2005

Harry Lewis – PWG Chairman; WIMS w/g Secretary
07/20/2005

## PWG-CIM Alignment

Meeting was called to order by Bill Wagner – PWG WIMS w/g Chairman at appx Noon EDT. July 20, 2005.

## Attendees

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| Rick Landau | Dell |
| Harry Lewis | IBM |
| Ira McDonald | High North |
| Joe Murdock | Sharp |
| Bill Wagner | Bill Wagner |
| Craig Whittle | Sharp |

## General Discussion

Noted - Rick Landau has posted a learning aid to CIM at ftp.pwg.org/tools. The file name is flatClassesHTML_CIM2.9_20050330.zip. This tool should be a great aid to everyone interested in PWG-CIM. Everyone should try to spend some time with this tool prior to the next conference call.

### Structuring the CIM Alignment activity within PWG

At the Cupertino face to face it was agreed that the CIM activity should be organized under PWG WIMS. This is appropriate since WIMS is the PWG focal group for web-based management which is analogous to DMTF goals. This also helps the CIM activity get off to a quick start because it avoids the need to charter a new PWG working group. The DMTF Work Register may be used as the Topic Description for PWG-CIM operating under WIMS.

**Bill Wagner** remains Chairman of the PWG WIMS w/g and, as such, agrees to Chair the PWG-CIM activities as a sub-topic under WIMS

**Harry Lewis** remains Secretary of the PWG WIMS w/g and as such agrees to minute the PWG-CIM activities

**Craig Whittle** agreed to the role of Topic Leader (a WIMS Co-Chair position) to help guide CIM progress and focus CIM issues within WIMS.

**Rick Landau, Ira McDonald and Joe Murdock** all agree to share technical and editor roles and responsibilities. **Ron Bergman** and **Pete Zehler** (not on the call) have expressed similar interest.

Because there is already a formal relationship between PWG and DMTF in the form of a "Work Register", this activity must adhere to a committed schedule. The agreed to schedule is stated as follows.

- 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)

Since this is the first attempt at establishing a formal relationship between PWG and DMTF the dates set forth in the Work Register may not have taken into account all the process steps necessary in both groups. In particular, there is likely some DMTF approval process which is not reflected. The above dates should be viewed more as targets for the PWG-CIM work effort and WIMS (CIM) work group last call. More time may be required for DMTF Formal Approval.

The schedule outlined in the Work Register should be re-opened with the DMTF so both PWG and DMTF can get a better understanding of mandatory process steps and reasonable targets.

PWG will employ the following tactics to assure satisfactory progress toward the existing Work Register and ongoing PWG-DMTF relationship.

1. **Scope**. There are 4 relevant (to PWG) classes in CIM. These are CIM_Printer, CIM_PrintJob, CIM_PrintQueue and CIM_PrintService. Our first step will be to review and alignment Printer MIBv2 with CIM_Printer. Future goals will include alignment between PWG Semantic Model and the other CIM classes. Ultimately Printer MIB objects that get mapped into CIM_Printer will be incorporated back into the PWG Semantic Model but these efforts will be on separate schedules.
2. **Trial**. Because this is the first *formalized* collaboration between PWG and DMTF, within the limited scope described, above, we will employ a "pipe cleaner" approach to the first delivery from PWG to DMTF. This means we will deliver useful content in the form of a relatively thin and

flexible dossier which is intended to "prove" the (process) pipeline. To arrive at the "pipe cleaner" (hereafter referred to as "phase-1") we will exercise the Printer MIBv2 change log against CIM_Printer looking for description and reference clause errors, omissions or updates needed. This will deliver useful content while also demonstrating how the PWG and DMTF can work together in the context of a Work Register. What we learn in phase-1 will help us with better planning for future collaboration.

We need to understand the form in which to submit change requests to DMTF (see Actions, below)

Phase-1 objectives are:
- Collecting changes – 2 weeks (useful clarifications, editorial etc.)
- Submit – 2 more weeks

Phase-2 objectives
- Not defined. Presumed to include more substantive changes if necessary

### Scheduling meeting time

The people working on CIM will need to meet periodically to discuss progress, issues etc. The first proposal for a weekly time slot is **Thursday, 2pm (Eastern)** for 1 hour. This will immediately precede the PWG Steering Committee time slot. To accommodate a break, we will recommend pushing the SC start time out by 15 minutes.

# Miscellaneous Discussion

Reminder – Please use the WIMS e-mail reflector for all discussion. Please use the "CIM-" prefix to help distinguish from baseline WIMS (protocol, counters etc) discussion.

Bill Wagner observed the physical vs. logical nature of CIM. Rick Landau explained the use of physical models related to racks, cards and connectors to be somewhat useful for Server management but not the level at which we want to model Printers except where it comes to identifying customer replaceable modules. *We do not plan to standardize how printers are built*!  Most of our work will be in the logical model of a printers and it's uses.

A good approach will be to build a table. For every property in CIM_Printer, associated columns will describe how the property relates to what is currently defined in the Printer MIB and what need to be done to align (Revise, Deprecate etc). There are currently 35 such CIM_Printer properties. There are

appx 177 objects in Printer MIBv2. Some CIM properties will encompass more than one MIB element.

Adding every Printer MIB or PWG Semantic Model element to CIM is not an outright goal. We should add (first) those items which will add substantial benefit to the customer or clarification to the management model.

## Actions and near term Goals

1. Rick will post a sample CIM change request HTML template.
2. Someone (Bill, Harry, Craig?) will post a general announcement that PWG-CIM has been organized and is running under WIMS.
3. Ira will post the first pass review of Printer MIBv2 matched to CIM_Printer
4. By Aug 4, we will have collectively reviewed the Printer MIB and CIM and agree on the phase-1 (pipe cleaner) set of candidate recommendations.
5. By Aug 18 we will have a draft of the phase-1 submission.
6. Harry will re-open the Work Register with DMTF, review the schedule, clarify the phased approach and try to get a better feel for what process will be encountered on the way to DMTF approval.

## Next Conference Call

Thursday, 2005-07-28
2pm Eastern (NYC)
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Toll Free:     1-866-365-4406
International: 00+1+303-248-9655
Passcode:      2635888#
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