Web-based Imaging Management System Working Group

Printer Working Group
Face-to-Face Meeting
14 August, 2008
Camus, WA

WIMS WG Agenda

- 9:00 - 9:15   Introduction
- 9:15 – 9:30   Current Projects
- 9:30 – 10:15   Rick's Presentation on CIM Provider
- 10:15 – 10:30 Break
- 10:30 – 11:15 Discussion of CIM provider as WS-MAN boost or alternate approaches
- 11:15 – 11:30 Next Steps

PWG Patent Statement

- PWG standards may include the known use of essential patents and patent applications provided the PWG Chair receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard. This assurance shall be provided without coercion. This assurance shall be either:

  - a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed PWG standard against any person or entity complying with the standard; or

  - b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

- The PWG is not in a position to give authoritative or comprehensive information about evidence, validity or scope of patents or similar rights, but it is desirable that any available information should be disclosed. Therefore, all PWG members shall, from the outset, draw PWG's attention to any relevant patents either their own or of other organizations including their Affiliates that are known to the PWG members or any of their Affiliates, although PWG is unable to verify the validity of any such information.

Inappropriate Topics for PWG WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

Current Projects

- **Printing MOFs**
  http://www.dmtf.org/standards/cim/cim_schema_v219
  - **most recent additions to Input, Output, and Marker, and the other association cleanups**

- **Counter MOFs**
  - **The abstract parent class and Monitoring counters passed core ballot**
    - **ftp://ftp.pwg.org/pub/pwg/wims/cim/CIMCoreCR_ImagingStatisticalData_00b.html**
    - **ftp://ftp.pwg.org/pub/pwg/wims/cimCIMCoreCR_ImagingMonitorStatisticalData_00b.html**

- **Prototype of CIM Provider for Printing MOFs**

Discussion of CIM Provider

- At the last face-to-face, we considered the possibility of the PWG encouraging the development of a viable CIM Provider product as part of a strategy that would allow the Web Services based management (read only at this point) of existing printers supporting SNMP.

- A straw vote showed general interest in the idea

- However, further consideration suggested that there may have been some misunderstanding of how much of a management capability a CIM Provider, used in conjunction with existing Web Service utilities, would provide.

- (Rick's slides)
  ftp://ftp.pwg.org/pub/pwg/wims/cim/ProxyProviderPix-02.pdf

Questions:

- Will a MIB-CIM converter make the SNMP supporting devices manageable by web services?
  - Insofar as a CIM to WS-Man Schema conversion utility is available, it would certainly go part of the way. A WS-Man application would also need to be developed.

- Wouldn't the dynamic translation between MS-Man requests/responses and SNMP GET responses through a CIM MOF intermediary be complex and cumbersome? Is there a more direct way?
  - What methods will be used by Microsoft?

- Why not use the Dell prototype for the SNMP to CIM translation?
  - This prototype is envisioned as a lashup including proprietary code.

Questions?

- What sort of PWG actions are envisioned to promote a generally available MIB-CIM conversion capability?

  1. Producing a document fully specifying such a capability in terms of interfaces, operation, etc?

     - One reaction is that this would be a waste of time. The interfaces and operations are already defined. What is needed is a usable product.

  2. A cooperative venture supported by effort contributed by PWG member organizations?

     - This would be cumbersome and difficult to manage. Most work would be done by a few companies, and companies are typically disinclined to make their developed software public.

  3. Contracting the development to a company, with the development expenses to be paid by PWG members, much like the P2600 PP activity.

     - A possibility.

Questions?

- Isn't the generation of a publically available application out of scope for the PWG?
  - Although it hasn't yet been done, there is no reason why it could not be done.
- What about Ira's idea of having Open Printing do this?
  - Open Printing is not interested

Wrap-up

- Conclusions?

- Action Items?

- Next Teleconference –
  - 25 August, 11AM EDT (Tentative)
  - Will be announced
  - If you are interested in calling in, please email wamwagner(at)comcast(dot)net
    for authentication codes