

Minutes of the PWG *Web-based Imaging Management Services*

Conference Call

September 2, 2004

Harry Lewis
09/02/04

Attendees

- Harry Lewis, IBM
- Ira McDonald, High North
- Bill Wagner, NetSilicon
- Peter Zehler, Xerox

General Discussion

Reviewed accepted (with minor updates) minutes from the Montreal face to face.

- Add Stuart Rowley to attendance list
- Reiterate Ira's comments on the minutes as follows:
 - Ira is working on writing the specification for WIMS objects with normative definitions of every simple and complex element and every containing object (Schedule, Resource, etc.)
 - This has been lower priority compared to schema changes in support of prototyping
 - Revise Schedule schema to handle last day of the month etc (-1, -2, -3 ...) already fixed in 'schedule-20040810.txt' schema

Pete provided overview and discussion about interim counter schema representing some changes in structure and naming including

1. Some counters have been rearranged to semantic terms such as "impression" in a common way such that the impression count is associated with the appropriate service (fax, copy, print etc.)
2. The term "impressionsTwoSided" was added. This counts either (both) side(s) of a 2-sided media such that color and monochrome imaging can be distinguished (one side color, one side mono).
3. We discussed and agreed that the copy service consumes "images" not "pages" even though pages seems intuitive to some users

4. We discussed and agreed that "faxImagesIn" and "faxImagesOut" should be treaded totally independently. Some MFD's may only offer fax out, for example.
5. We discussed and agreed that Transform Services, in general, convert Byte Stream (A) to Byte Stream (B). In practice, it is very common for one or both of the byte streams to be raster image. So we want a way to measure transform service usage in terms of bytes and images... when appropriate.

We discussed IBM Prototyping experience.

1. Expressed desire for the possibility of redirecting SendReport to separate URL from RegisterForManagement. Already doing for Alerts. Has a serurity connotation. We discussed "total path authentication" issues. Very difficult to address given lack of security in legacy device environment. Decided to leave things as they are for now.
2. Discussed some of the modeling issues encountered. SNMP Printer MIB was architected to support a printer management application that would inherently fully characterize the device. WIMS is more in support of database engines for usage based billing, so concepts like "subunit empty" are difficult for the database to handle. Also, overloaded tokens in the Printer MIB like -2 (Unknown), -3 (notEmpty) need to be resolved to more explicit definitions.
3. SOAP. Is SOAP the right protocol to be pursuing? SOAP and WSDL v1 are effectively expired drafts. PSI experience demonstrated lack of interop. Should we consider exploring a simplified binding direct to HTTP using HTML forms? Topic for next f2f.

Next Conference Call

We are still trying to maneuver around some vacations etc and are off our regular conference call schedule.

The next WIMS conference call will be Thursday September 16, 2004.

Time: Noon Eastern (9am Pacific)

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We will track back to our standard Wednesday call schedule beginning 9/22.