Minutes of the PWG Web Based Monitoring and Management meeting – May 21, 2003
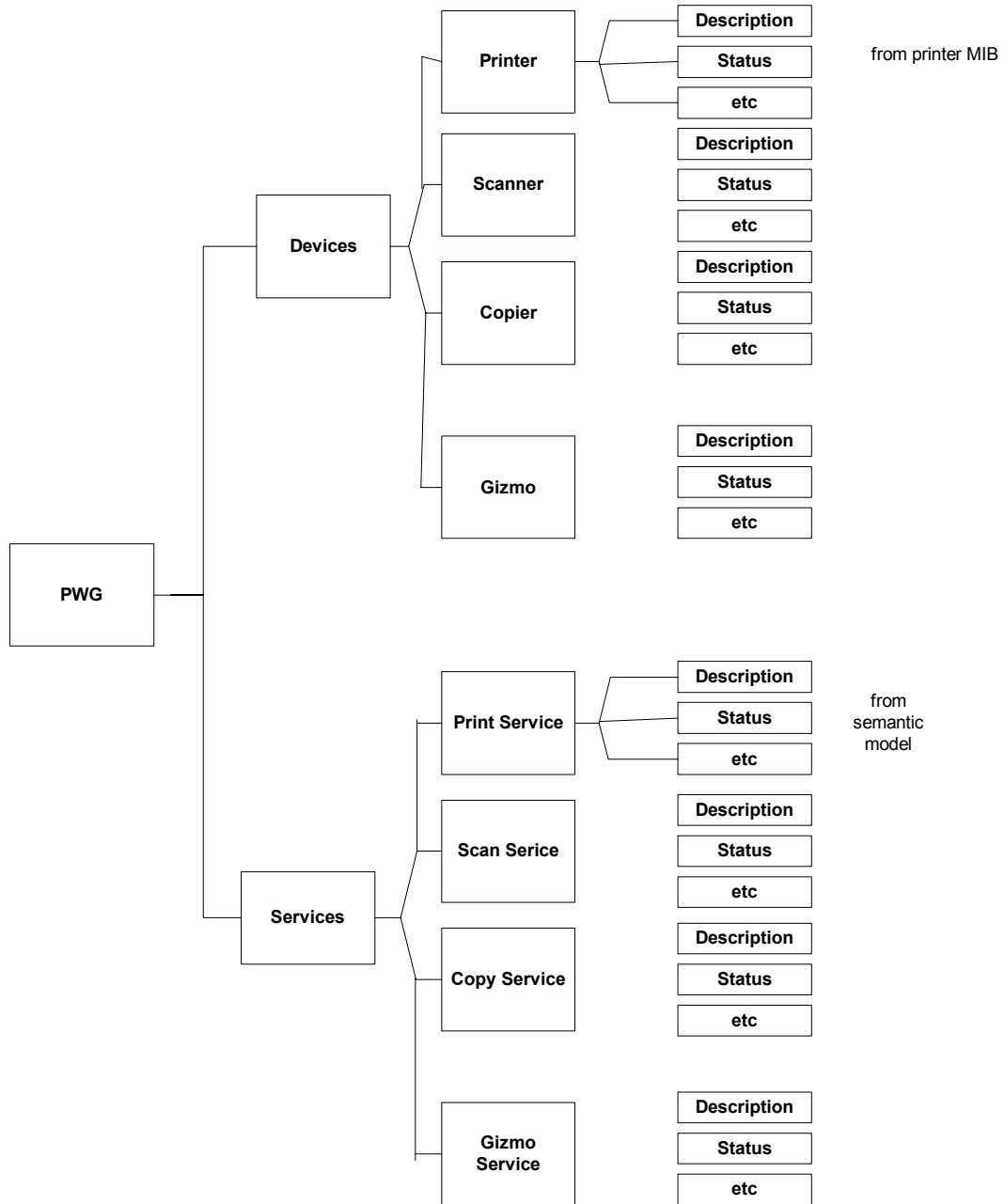
Harry Lewis, 5/21/03

Attendees

- • Elliott Bradshaw, Oak Technology
- • Kelli Kennedy, HP (Editor)
- • Harry Lewis, IBM (Secretary)
- • Cathy Markel, HP
- • Ira McDonald, High North
- • Gail Songer, Peerless
- • Jerry Thrasher - Lexmark
- • Bill Wagner, NetSilicon (Committee Chairman)
- • Peter Zehler, Xerox

General

Phone conference was from Noon to 1pm EST. Following discussion was recorded.

1. We reviewed recent updates to the Use Cases document.
   ftp://ftp.pwg.org/pub/pwg/wbmm/white/Use_Cases_latest.pdf
   a. Agreed that both proxy and WBMM native in the device are valid scenarios. Sometimes the environment may have combination of both.
   b. We agreed that it is appropriate for today's management applications (ex. JetAdmin, MarkVision, Network Printer Manager etc.) to add proxy capability.
   c. We described the feature of a proxy wherein it converts device data into WBMM
   d. Need to update diagrams to show proxy working with several devices and
2. We discussed the need for separate Service and Device object models (vs. a single model). PSI is relying on WBMM as its management protocol. While it is appropriate to model device and service management separately, there will be fuzzy areas that we encounter due to the fact that we have always dealt with the "printer" as an abstract (service) in protocols like IPP. We will need to deal with this effectively. Bill Wagner provides the following diagram to as a start to helping us sort this
   out

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Devices
- **Printer** — Description, Status, etc — from printer MIB
- **Scanner** — Description, Status, etc
- **Copier** — Description, Status, etc
- **Gizmo** — Description, Status, etc

Services
- **Print Service** — Description, Status, etc — from semantic model
- **Scan Serice** — Description, Status, etc
- **Copy Service** — Description, Status, etc
- **Gizmo Service** — Description, Status, etc

3. We reviewed the WBMM Requirements Brainstorm document
   ftp://ftp.pwg.org/pub/pwg/wbmm/white/Brainstorm5-21.pdf
   a. Need to give some examples to clarify what we mean by "complex structure, ops etc.). Example might be to do a GET with associated filter on elements. Another might be how do deal with constraints.

4. Goal to have UML Model expressing WBMM operations and basic set of objects. Would like to conduct project similar to PSI which was very successful in using automated tools and code generation.
5. Ira will continue with Printer MIB conversion – hopefully providing a converted Printer MIBv2.

Next meeting -

Time:12:00 PM EDT (9:00 AM PDT) Wednesday 28 May 2003

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