



PWG Semantic Model

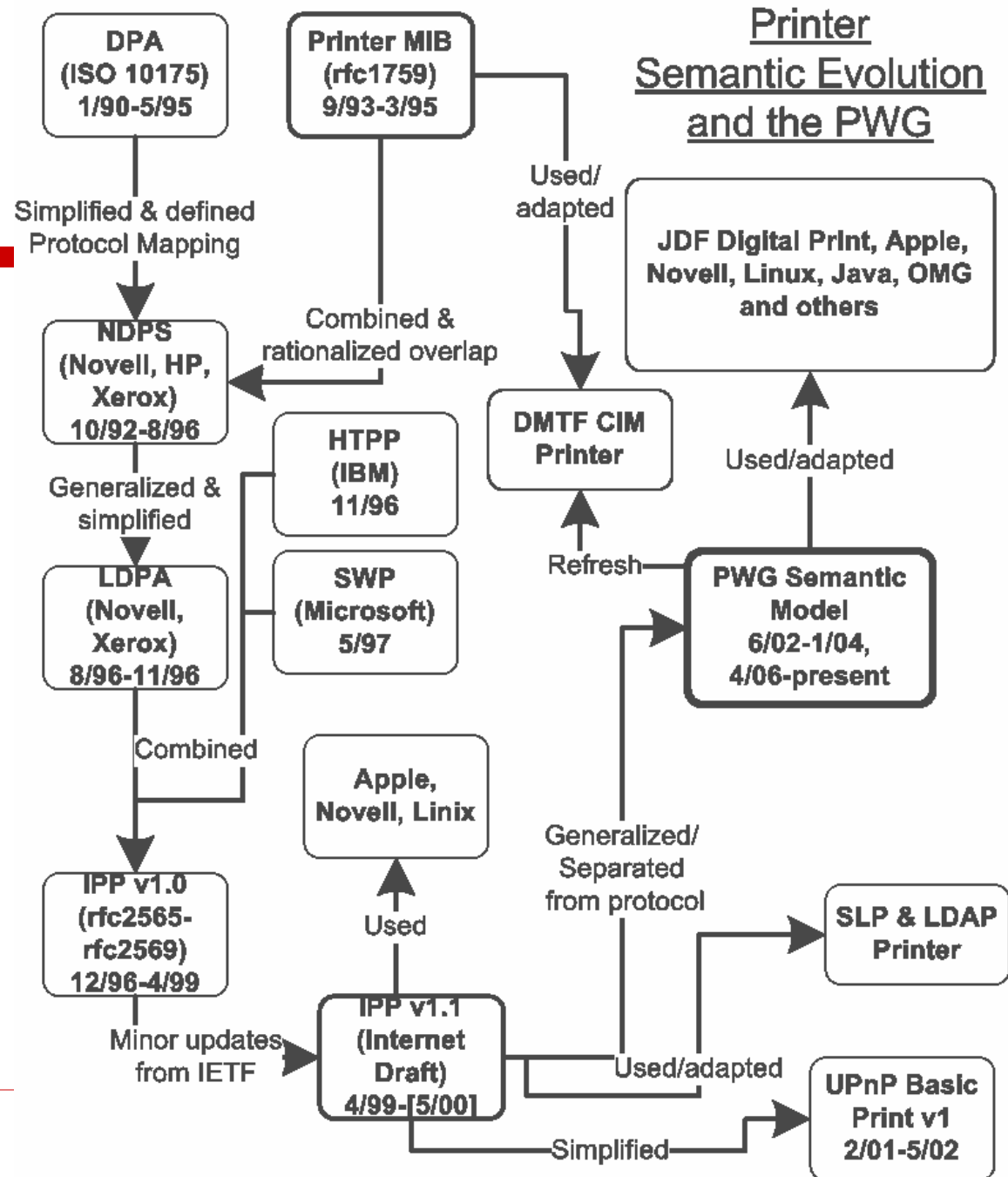
PWG Plenary, October 26, 2006

The Problem to Solve:

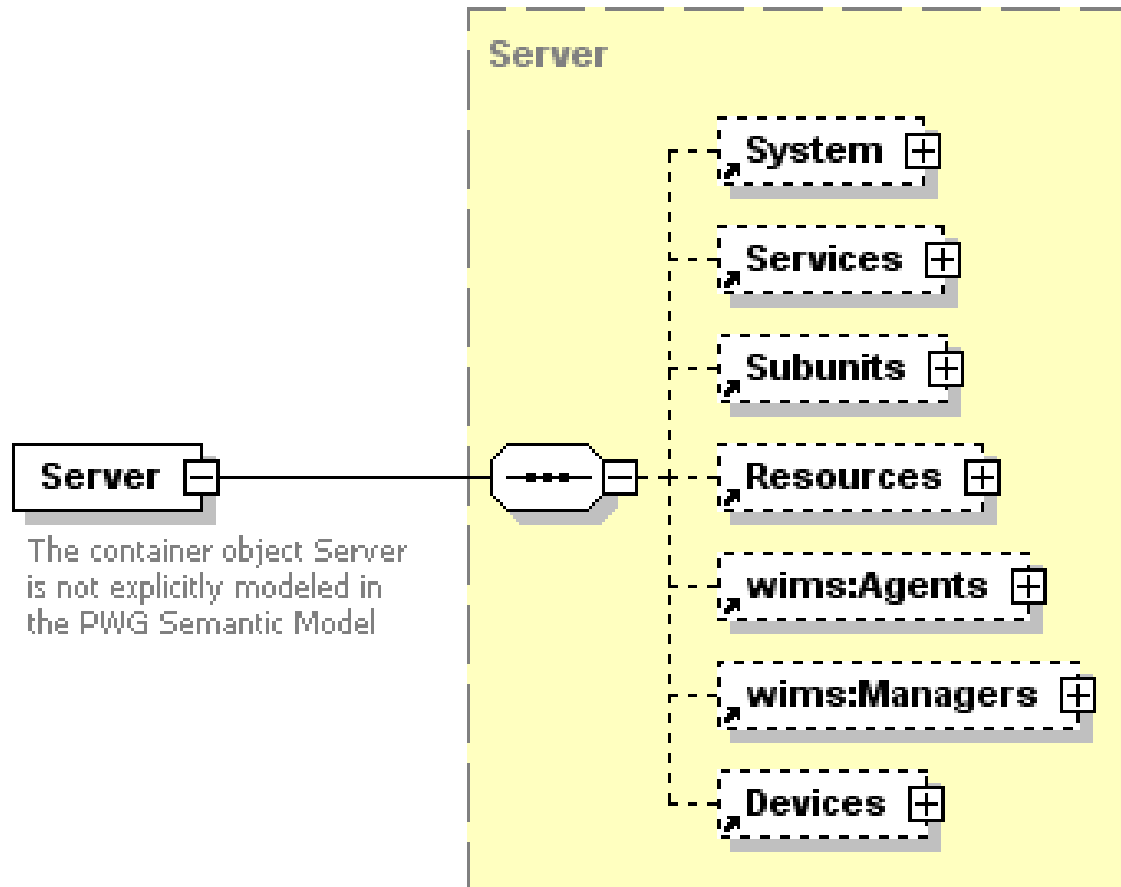
- Printers have both device and service components
 - Existing PWG Model only includes service aspects (i.e. IPP model)
 - Existing Printer MIB provides device model
- Multifunction devices are shipping
 - A standardized semantic model for the Services of a Multifunction device would benefit the industry

The Solution:

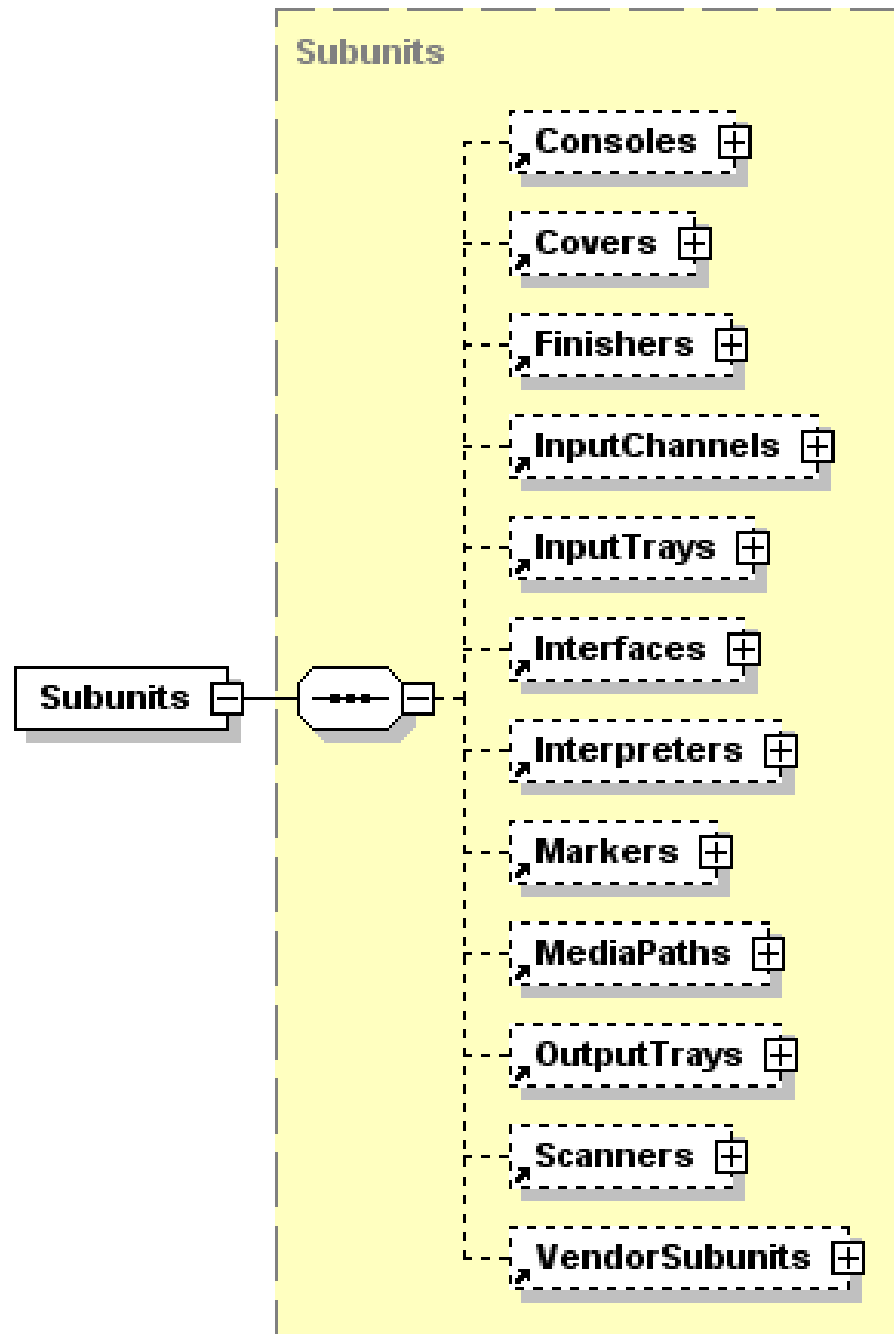
- Extend the PWG Semantic Model
 - Define core framework for ...
 - System, Jobs and Documents
 - Vendor extensions
 - Define the individual ...
 - Services
 - Subunits/Devices



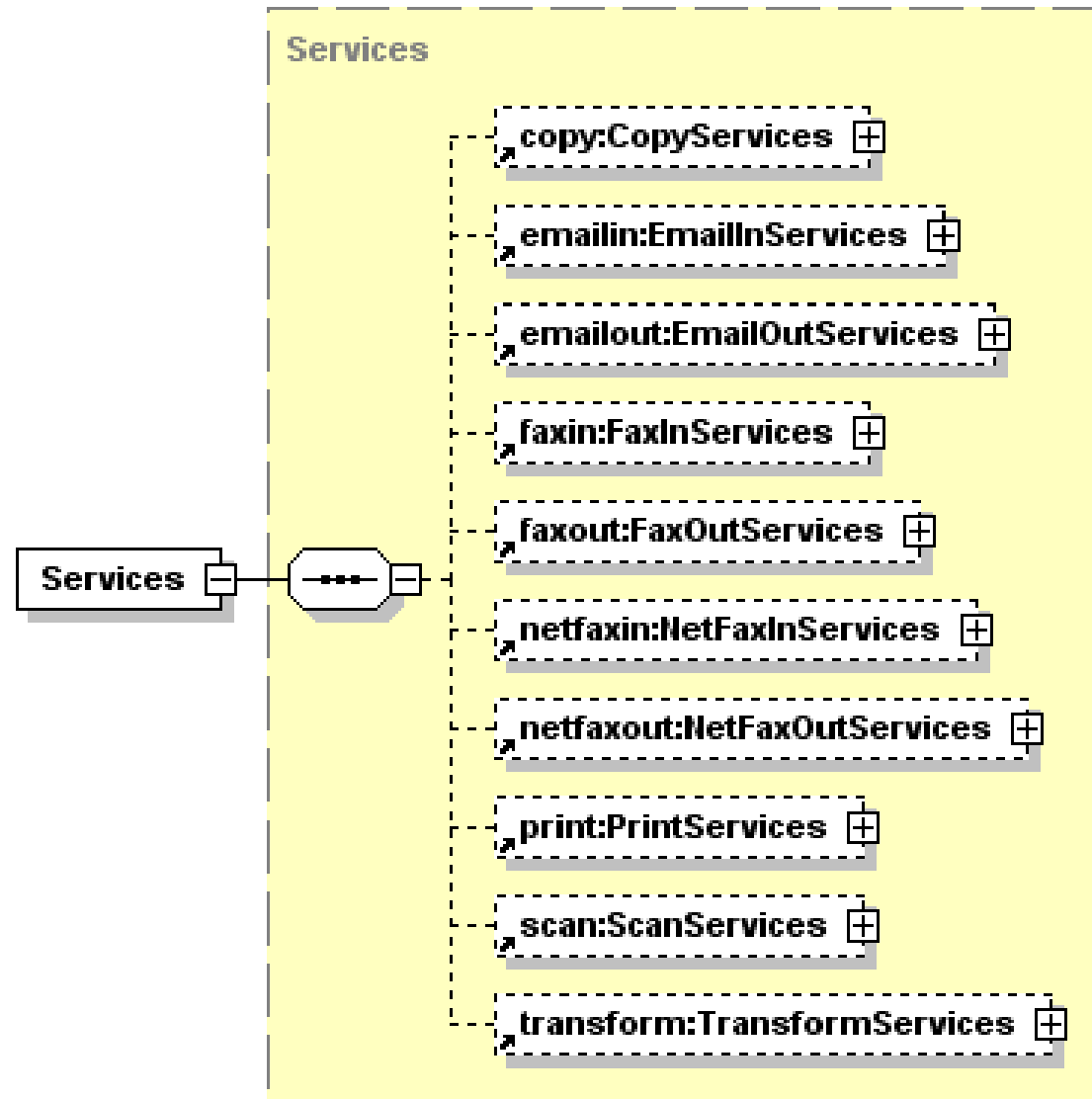
PWG Semantic Model



Subunits



Services



Project Status

- Still working at the conception phase
 - Current work is focused on the class hierarchy
 - Modeling/mapping to SM v1.0 and Printer MIB still evolving
- Need to plan and prioritize remaining work
 - What services, when and who
 - Move from Schema “sketch” to specification

Interested parties need to participate

For More Information

- The current schema is at:

<ftp://ftp.pwg.org/pub/pwg/Semantic-Model/Schema/PwgSm_101506.zip>

- Semantic Model Mail list:

sm@pwg.org

- To subscribe to the PMP mail list see:

<http://www.pwg.org/mailhelp.html>