Semantic Model Working Group:

2006-11-30 conference call minutes

Attendees:
Pete Zehler, Jerry Thrasher, Harry Lewis, Bill Wagner.

Agenda:
1. Review Magic Draw project.
2. Discuss MFD modeling assumptions and direction
3. Next Steps.

Minutes:
Magic Draw

There was a decision at the October meeting in Lexington to employ UML in modeling the MFD and to try Magic Draw because there is a free download version which enables everyone to use the same tool.

Pete began using Magic Draw and found that, if the entire Semantic Model is expressed as one MD project, viewing becomes unmanageable. It is obvious that modeling will have to be approached in smaller segments. Jerry asked if the free download version of Magic Draw will have all the necessary features. So far, this is inconclusive. Pete will continue with his investigation of Magic Draw for UML modeling.

MFD Modeling (General)

PRINT is already modeled as a result of the existing Semantic Model. This represents years of PWG work and there should be no reason to expect significant changes while modeling the MFD.

SCAN, FAX and COPY are pending. We chose to model COPY first

MFD Modeling (COPY Service)

Consensus among those on the call (needs broader circulation).

 - The resulting stack of output form a Copy operation will be treated
   as a Document
 - A Copy Job consists of processing 1 and only 1 Document
        o Question – does anyone ship a UI that facilitates multiple
           copies with varying instructions?
        o Question – what about automated Copy processing based on
           barcode, watermark etc?
 - A Copy Job is instantiated when the "Green Button" is pushed
        o GUI operations prior to pushing the "Green Button" are
           essentially like defining the Job Ticket.
 - All pages do not have to be scanned before Job processing begins.

Many of the same operations modeled for PRINT can be applied directly to the COPY model. For example:

State Transitions – Waiting to Process, Processing (Stopped) and Aborted/Canceled/Completed

Operations – Cancel, Pause, Resume, Hold, Release

There are other analogies as in "GetElements".

We are not aware of any Copy specific operations outside of what are already defined for Print. We need to think about how to handle scenarios that may combine Copy with Scan functions such as (capture). Currently we believe these scenarios should be treated as a "Complex Job" (undefined).

Next Meeting

Pete will schedule the next meeting when he has enough new material to warrant discussion. This will likely be in January 2007 due to pending holidays and year end business finalization.