Finisher MIB Minutes
April 1998

Overview

The PWG Finisher MIB meeting took place Friday, 4/10/98, in Portland. The Finisher MIB project is making very good progress. The draft is undergoing clarification and terminology additions. There is a new proposal for handling constraints in attempt to recognize that a finisher may be capable of performing several functions individually but, together, some functions may preclude others. The Finisher MIB is still lacking a conformance statement, a compile test and complete IETF like terminology (Should, Shall etc.) to turn it into an Internet Draft. Appx 2-3 more FIN meetings are projected before completion.

Review of Ron's Proposal's

General Corrections and Clarifications

- Need two figures showing x and y reference edges and processing axis rather than trying to show it all on one figure. X-axis is always the short edge and y the long.
- In some cases finishing is done while the media is in the output. We included words from DPA that need to be reworded where we described Finishing to occur prior to output stacking.
- Remove Jog Edge. Not sure it is used.
- Reference Edge definition - discussion which clarified that there is either an x or y reference edge. Not 4 reference edge choices!
- Finishing Axis offset changed to Process axis offset and clarified to be PARALLEL offset.
- Added attributes
  - finishingProcessOffsetUnits
  - finishingProcessAxisOffsetX
  - finishingOperationAxisOffsetY
- There was a proposal to move away from axis and locations to pure x/y axis. No - go back to DPA method of axis and locations.
- We are not worried about order of operations right now. We are not addressing Production environment like LMO.
- Look for an industry standard to reference for what is 3-hole etc.
- Agreed to change FinPunchPatternTC Table to list the enum pattern, the finishing axis and the offsets for each hole.
- Added finisherOperationCombinationRestrictions. Integer 32 Multivalued. With finishing operation A, you can do B, C, D etc. Can't do row 2 with row 5 etc. Decided to put it in all the time, not canonical order.
- Finisher Media Type restrictions. Can't fold transparencies, Can't punch cardboard etc. Can't z-fold envelopes.
- Duplex doesn't work with heavy index stock.
- Saddle stitch doesn't work with letter paper.

- PPD has a general constraints mechanism. Can we use it? It's like constraint - 1 here's the two things that are constrained. *Need a proposal for this on the DL.*
- Proposal to change bit mapped finDeviceAssociatedMediaPaths and finDeviceAssociatedOutputs from integer to octet string like hrprinterdetectedError - accepted

R/W status

Change finDeviceAttributeValue as Integer and Octet from r/o to r/w.

Proposal to make some objects attributes.
> - finDeviceAssMediaPath
> - finDeviceAssOutputs

Review Tom's Terminology Proposals

- Reviewed Barry's finishing definitions. Ron to add all to enums list. Using generic terms where possible.
- Need to look up the definition of "Plastic binding" in the LMO MIF.
- Agreed, since we have a separate TC for each generic finishing type, then we don't also need to enumerate the generic form .... "Other" will be defined such that additional attributes are expected to describe a new, yet to be enumerated finishing type.

General comments

1. Staple vs. Stitch. Decided to keep one TC (Stitch) and, in the definition, elaborate that we mean stitch and staple. A stitch being with wire, a staple being with a performed staple.
2. finSupplyType TC (pg. 13). BindingTape. Change to "Binding", only. because binding can be accomplished with something other than tape. Same with Banding. What about wrap? Need to review with other finisher experts. Shrink and Paper wrap. Warp is expanded vs. contracting the others.
3. Pg. 1. Clarify "external" vs. Standalone Finisher. "Not Connected".
4. The Finisher MIB will (may) be incorporated into a future version of the printer MIB. We expected this to be OK.
5. Introduction. Change "Manage" to "Query and Control".
6. Scope - first bullet - finishing applied to complete print file, vs. complete print job
7. Need to add maxSheets for things like max staple, fold, bind etc. Ron will add to draft update unless he thinks it's too complicated then he will take it to the DL first for discussion.
8. Fin supply group. Mandatory vs. Optional? It should be mandatory. Some TYPES of finishers might not have a supply (like fold), but every "finisher" is expected to have a finishing type with a supply.
9. FinSupplyMediaInput Group... needs to be conditionally mandatory.

10. We need to reserve some attribute number range for private extensions. Look as same range as Job MIB.

Remaining Topics, Issues, Action Items

- Still have Tom's proposal for contentions to decide on.
- Everyone review the entire document for anything missing.
- Still need conformance statement.
- Still need to compile
- Still need to import Should, Shall's etc.
- Expect two or 3 more meetings
- How do we submit to the IETF?
  - It's an RFC that modifies the Printer MIB.
  - Make sure they know it's extending not modifying.
  - Petition the IESG to put forth as a proposed standard.
  - Petition the OM group - where printer MIB is grandfathered (unless printer MIB has moved to application.. ask Lloyd).
  - Keep the area directors from being surprised.
  - Show whether or not it is within the printer MIB charter
  - Could do a private submission

Work through Chris Wellens, Lloyd. Keep in the loop, Ron, Tom, Randy.....
Or, submit as a private submission.