PWG Plenary – PWG Last Call Imaging State & Counter MIB v2

7 February 2008
Irvine, CA PWG F2F Meeting

Current Status:
Imaging State & Counter MIB v2

- v1.0 was approved as a PWG Informational specification on 23 December 2005.

- Since 31 March 2007, seven versions of v2.0 have been published, Samsung has prototyped every Mandatory and Conditionally Mandatory object in the MIB (10 object groups), and the document has been reviewed and accepted by consensus of the WIMS WG.

- Imaging System State and Counter MIB v2.0 started WIMS WG review on 7 January 2008 and PWG Last Call on 23 January 2008, to prepare for vote as PWG Candidate Standard.

Current Status:
Imaging State & Counter MIB v2

- The PWG Last Call document is available both as a PWG specification and a MIB, in MS word, PDF, and ASN.1.

- The 'zipped' PWG Last Call document set is posted at:

  ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20080123.zip

- The individual documents are posted at:

  ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20080123.doc

  ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20080123.pdf

  ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20080123.mib

  - Plaintext ASN.1 MIB

  ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscountmib20-20080123-mib.pdf

  - Color highlighted ASN.1 MIB

- Please send any comments to wims@pwg.org

Changes:
Imaging State & Counter MIB v2

- Added six objects to existing tables
  - icServiceState, icServiceStateMessage, and icServicePrtAlertIndex to icServiceTable
    - per WIMS/1.0 and MFP Alerts
  - icSubunitStatus and icSubunitStatusMessage to icSubunitTable
    - per WIMS/1.0 and MFP Alerts
  - icMediaUsedMediaAccountingKey to icMediaUsedTable
    - fix bug in Counter MIB v1 and Abstract Counter Spec
- Added one new table
  - icSubunitMapTable – maps Services to Subunits
    - per WIMS/1.0 and MFP Alerts

Changes:
Imaging State & Counter MIB v2

- Added two new textual conventions
  - icServiceStateTC
    - per WIMS/1.0, IPP/1.1, and Host Resources MIB v2
  - icSubunitStatusTC – syntax of PrtSubUnitStatusTC
    - per WIMS/1.0 and Printer MIB v2
- Revised two existing textual conventions
  - IcSubunitTypeTC – added finishing device types
    - per Finisher MIB and IPP Printer State Reasons
  - IcCounterEventTypeTC – added missing values
    - serviceStateChanged and subunitStatusChanged
    - counterInterval and counterThreshold

Changes:
Imaging State & Counter MIB v2

- Revised DESCRIPTION and REFERENCE clauses
  - clarified mapping to other existing MIB objects
    - per Samsung prototype and Bill Wagner's comments
- Added second MODULE-COMPLIANCE macro
  - icMIBStateCompliance
    - per expanded scope and Ron Bergman's comments
- Revised (increased) SIZE of two existing objects
  - icMediaUsedMediaSizeName and icMediaUsedMediaName
    - per IPP/1.1 and Pete Zehler's comments
- Added missing DEFVAL clauses
  - zero values for objects with SYNTAX of IcCounter32
    - per IETF Best Practice