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PDF/is:

Invisible text added.

Multiple content streams per page. Must be ordered top to bottom.

Alignment with PDF/a

(3.1) Fonts allowed but only for invisible text. (No font data is embedded)

Encryption has been removed.

No Gray color space (no release from HP); use index into sRGB (alignment with latest PDF). sRGB and the indexed color space must be included in all PDF/is docs

Digital signatures will be allowed by PDF/a.

Encryption will be prohibited

Table 3-2: rearranged and reworded.

Sec 4.3 JBIG2Decode Filter: allow profile 3 (T.89) Because 3 is a subset of 4 which we already allowed. "Should we also allow Profile 2? Profile 2 allows much greater flexibility than Profile 1 and may be considered the Huffman counter part to Profile 4, with less complexity"Go ahead and add it.

Sec 4.4 is YUV a valid color space? It's legal for JPEG and should be the RECOMMENDED type.

IP Issues

Restrict compression schemes to a finite required list. Flate compression of streams (but not images).

IPP Fax:

Previous decisions:

Document-format – only application/pdf.

Document-format-versions-supported – Allowing any flavor of PDF, and requiring PDF/is.

document-format-version - Move to JobX spec.

digital-signature - Moved to JobX spec. (JobX spec is finished, and out for comments)

Administrative Operations

All administrative operations, including the set-ops and enable-printer/disable-printer will be allowed but only if TLS has authenticated the user and the user has rights to perform them.

Sender-URI Stamps.

The format will provide an indirect link to the image of the stamp in the header of the document. Must be visible on at least the first page, recommended that if on more than one page SHOULD be cached. Optional in PDF/is and required in IPPFax. Change the name to "Originator identifier image".

Scaling

At a minimum, an IPPFAX receiver MUST be able to render the sizes A4 and NA Letter and be able to print on at least one of those two sizes. The Receiver MAY scale down at most 10% (PDF/is directives may prohibit this scaling), overflow to another page, or truncate. If the Receiver does truncate then it must notify the Receiving User.

Scaling MUST be isomorphic, if any scaling is done.

New Media Name

We agreed on the new "media" name that means a choice of media. Following "choice_" will be repeated with complete self-describing size name values, separated by "_". For example, IPPFAX will defined the value:

'choice_iso_a4_210x297mm_na_letter_8.5x11in'

to mean that either ISO A4 or NA Letter is acceptable. The names must be in alphabetic order in order to give a single keyword value. Defined in JobX

Open Issues:

Should we require the receiver to implement job-impressions-supported and job-media-sheets-supported? (And supply an upper-bound?)

copies and collating: Table 5 indicates that sheet-collate MUST be "collated". Should copies be anything but 1 because we can't be sure that a printer can collate over many copies?

In document-object spec, should we have a new attributes to indicate which attributes will be overridden? If so, we should pick this up. TomH will investigate.

Media-Ready

Should it stay or should it go? (See sequence of emails)

Notifications

“What should a consumer do if a MUST in PDF/is is not followed? Warn the consumering user, attempt to find the next page and continue. In IPPFax ippget notifications, can we send an indication that the page didn't render properly? “

Notification spec will be ejected from the IETF in a week. We can notify the IETF that we want to remove it from the standards track. Carl-Uno would draft a note to the IETF (signed by all the active editors - Bob, Tom and Harry) stating the intentions.

Want notification on EACH page error/warning, two new categories under job progress. Can't get just get job-progress without getting these two new alerts. However we need an editor for the spec.

Email -

IFX> Proposed new Job and Document events (IPP Notifications)
Email -

IFX> Shortest path for IPPFAX w/ IPP events

IFX> Proposed new Job and Document events (IPP Notifications)

Hi folks, Wednesday (11 June 2003)

Per an action item of mine from last week's PSI telecon (3 June) and in preparation for our IFX telecon on IPP Notifications and IPPGET this afternoon, below are all of the currently defined IPP events:

'printer-state-changed' REQUIRED

(sub-events)

'printer-restarted' OPTIONAL

'printer-shutdown' OPTIONAL

'printer-stopped' REQUIRED

'printer-config-changed' REQUIRED

(sub-events)

'printer-media-changed' OPTIONAL

'printer-finishings-changed' OPTIONAL

'printer-queue-order-changed' OPTIONAL

'job-state-changed' REQUIRED

(sub-events)

'job-created' REQUIRED

'job-completed' REQUIRED

'job-stopped' OPTIONAL

'job-config-changed' OPTIONAL

'job-progress' OPTIONAL (page-level progress)

I propose (for IPPFAX) two new job progress sub-events:

'job-progress' OPTIONAL (page-level progress)

(sub-events)

'job-error' OPTIONAL (page-level error)

'job-warning' OPTIONAL (page-level warning)

I propose (for IPP Document object) a new set of document events:

'document-state-changed' REQUIRED (if Document object supported)

(sub-events)

'document-created' REQUIRED

'document-completed' REQUIRED

Also worth considering are the (oddly, undefined) 'job-processing' and 'document-processing' events.

Comments?

IFX> Shortest path for IPPFAX w/ IPP events

Hi folks, Thursday (12 June 2003)

We had a long discussion at yesterday's IPPFAX telecon - showing that there are some anomalies/loose ends in our current Notifications spec.

Dennis Carney suggested a 'shortest path' approach for IFX, PSI, WBMM:

1) Convert the former Internet-Drafts for IPP Notifications and IPPGET to IEEE format and 'last call' them for Candidate Standards with no new events (just a few Notes per various IESG 'last call' comments).

- We need editors. Gail might, Ira would help, volunteers?

2) Then 'last call' IPPFAX/1.0 for Candidate Standard without the (possible future) 'job-error' or 'job-warning' events.

- IPPFAX/1.0 clients request 'job-state-changed' (network chatter) or 'job-completed' (and 'error-count' and 'warning-count' in the 'notify-attributes' list) or just use Get-Job-Attributes polling.

3) Revise the IEEE Notification specs (taking our time - good point, Dennis) and define new events for IPPFAX/1.1, PSI/1.1, WBMM, etc. (see proposed extensions below).

Comments?