



Metadata in PDF/VT

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JDF/XJDF and PDF metadata



- JDF/XJDF is being used as the semantic basis for an Interoperability Conformance Specification (ICS) to define transport of product intent with PDF.

See: <https://confluence.cip4.org/display/PUB/PDF+ICS+Documents>

- Using PDF COS-Objects rather than XML
- Defined in PDF/VT DPM/DPart structure.
 - Metadata may vary depending on page and/or document
 - Media selection
 - Finishing options
 - Recipient data
 - ...
- Collaborative effort with ISO TC130 TF2/WG3



What does PDF represent today?



- Digital Film
- Description of printed Pages
 - Colors
 - Fonts
 - Trim Boxes
 - ...
- Global metadata in a document context (Author, Customer)



Page description language

- Description of Media properties
- Binding
- Page layout (simplex, duplex...)
- ...

~~No Product~~-description language

- Products may be described with JDF

Why Metadata in PDF?



- Applying Metadata to page ranges
- Variable data / PDF/VT
 - Variable Metadata
 - Paper for the Cover
 - Different paper for the body
 - Localized page binding
- Product and page description in one single file



Product description language

Which Metadata in PDF?



- Only product details that are known to the customer/producer of the pdf.
- Independent of production process.
- Based on: JDF Product Intent
- Encoding: PDF (NOT XML)

~~No Process~~-description language

Preview version:

<https://confluence.cip4.org/display/PUB/ICS-CommonMetadata.PDF.1.5>



- Loose coupling of variable data generation and print.
- Complete description of simple products for online print procurement (excluding amounts)
- Extended „Preflight“ including finishing requirements
- ...



Vielen Dank.