CIP4 Tutorial and Developer Sessions

Sunday, January 23 2005
Print Media Academy
Heidelberg
CIP4 Tutorial and Developer Sessions

- Sunday January 23 2005
- Heidelberg Print Media Academy
- 10.00-12.00 JDF Tutorial
- 13.00-16.45 JDF Developer Session
  - Interoperating with JDF –
    - the JDF reference model
    - Summary of the published ICS documents
  - Using JDF in small and mid-size print shops
  - Management Information Systems in JDF and Gray Boxes
  - Integration of Presses in a JDF Workflow
  - Postpress with focus on Binding
  - Prepress and Imposition with JDF
  - JMF Messaging
  - JDF and UP3I – A comparison of standards
    - Christian Sack; Rainer Prosi
  - CIP4 toolkits for JDF –
    - Karsten Wendt, Marcus Wilhelm –
    - Claes BuckWalter, Lena Skobchenko
- 16.45-17.00 Informal Questions and Answers
Session Speakers

- Simone Baumgartner – EIVD - Lausanne
- Matthias Beyer - Heidelberg
- Claes Buckwalter – Linköping University
- Henny van Esch – Optichrome
- Steve Hiebert - HP
- Francis Labaere – Esko Graphics
- Rainer Prosi - Heidelberg
- Christian Sack – Océ
- Markus Schluep – Müller Martini
- Lena Skobchenko – CIP4
- Karsten Wendt - iXact
This 120 minute tutorial is aimed at developers who want a hands on initial introduction to JDF and at technically interested buyers who want a first hand report on the abilities and technology of JDF.

- Building blocks of JDF Nodes, Resources, ResourceLinks – Henny + Rainer
- Capabilities descriptions – Steve
- JMF - Rainer
The Afternoon sessions are designed to dive into the intricacies of JDF and Workflow Interactions at a level that is one step deeper than the tutorial in the morning. Participants will discuss newest developments in JDF. Interoperability and Certification efforts by CIP4 are also addressed.
Interoperability with JDF – 13:00-13:35

- Interoperability Overview: Rainer; 15 min.
  - CIP4 Interoperability Events
    - Who participates?
    - What Happens?
  - Interoperability Conformance Specifications
    - ICS Status
    - Review of published ICS documents
  - Coexistence and Relationship of JDF Capabilities and ICS
  - Base ICS summary

- Using JDF in small and mid-size print shops – a real life example: Simone Baumgartner; 20 min.
MIS in a complete workflow

- the JDF reference Model
- The MIS ICS
- Gray Boxes for interfacing MIS with Production
- Product Intent for Customer – MIS integration
14-14:30 Prepress + Imposition in JDF - Francis

- Imposition in job Planning
  - Stripping
- Imposition in Prepress
  - Layout and Impositioning
- Imposition in Digital Printing
  - LayoutPreparation
- MIS-Prepress ICS
- Break!
14:45-15:00 Messaging with JMF - Claes

- Protocols for JMF
- Mime Packaging
- Open Issues in JMF
  - Discovery
  - Security
  - Authentication
15:00-15:15 Press Operations
- Matthias

- Integration of Prepress and Press using JDF and JMF
- Integration of MIS and Press
- The MIS-Sheetfed ICS
- The Prepress-Press ICS
15:15-15:45 Postpress Operations

- Binding operations in JDF: Markus
- The Binding ICS
- JDF and UP3I in digital finishing: Christian
15:45-16:40 CIP4 Toolkits for JDF – Claes, Lena, Karsten

- The CIP4 JDF APIs: Lena 10 minuten
  - Java
  - C++
- The CIP4 JDF Tools: Lena 10 minuten
  - CheckJDF
  - The CIP4 JDF Editor
- The CIP4 JDF reference device project – Elk 10 Min. Claes
- The ixAct tools: 20 Minuten - Karsten
16:45-17:00

- Informal Get together
- Questions & Answers with the speakers