Austrian Books Online

Setting up the workflow for the Public-Private Partnership between Google and the Austrian National Library

Jeanna Nikolov-Ramírez Gaviria
3rd LIBER-EBLIDA Workshop
on Digitization of Library Material in Europe
7. Oct 2011, The Hague
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Österreichische Nationalbibliothek

Google Books in Europe

- 13 European library partners

- 5 National Libraries

  - Austria

  - Italy

  - Netherlands

  - Czech Republic

  - UK

Key data Austrian Books Online (ABO)

- Digitization ~ 600.000 Volumes / ca. 180 Mio. pages

- Only public domain material

- Project start

  - Planning and preparation phase: July 2010

  - Operational project (digitization): Beginning of 2011

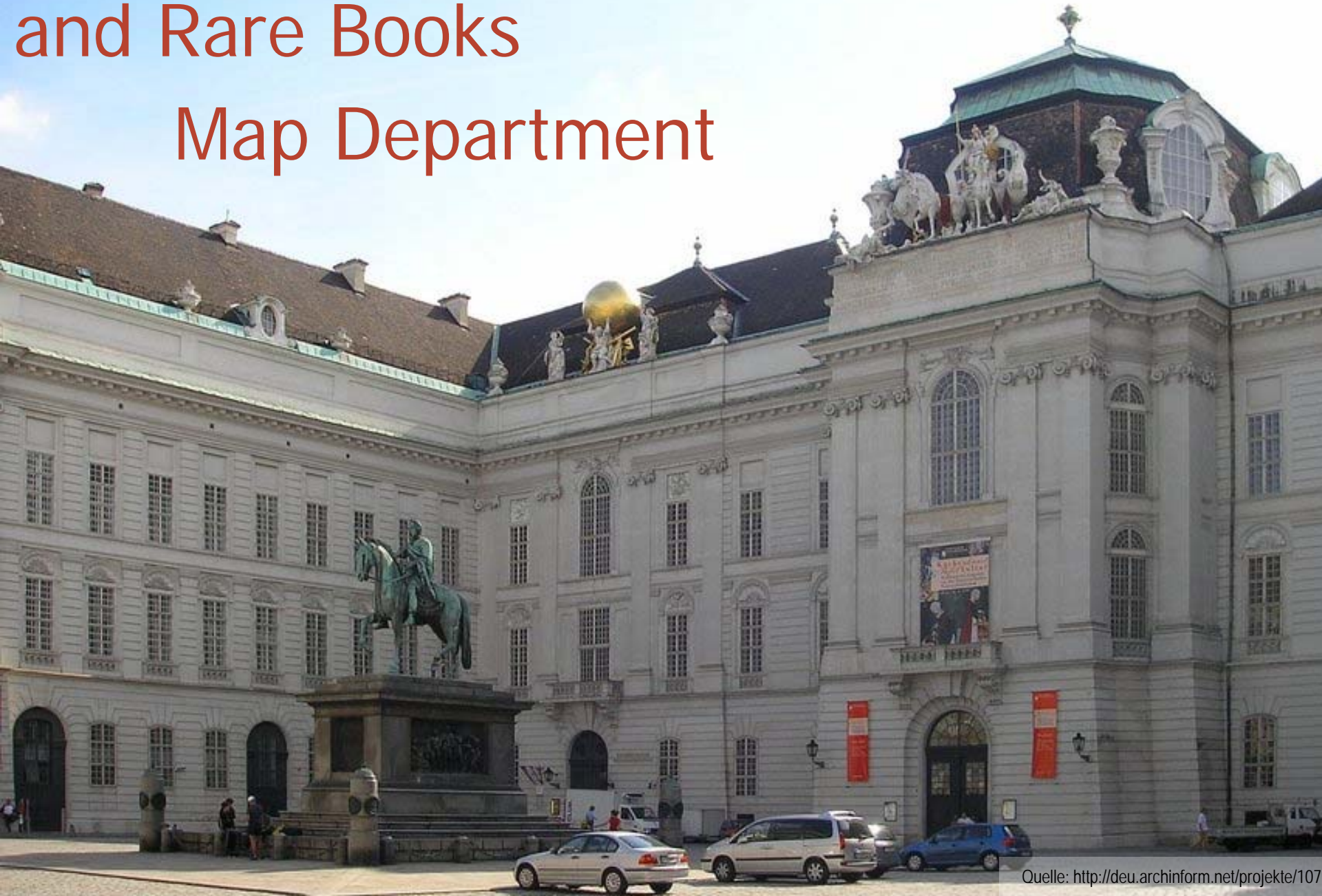- ~70 project team members, 20 in core team

- 7 work packages
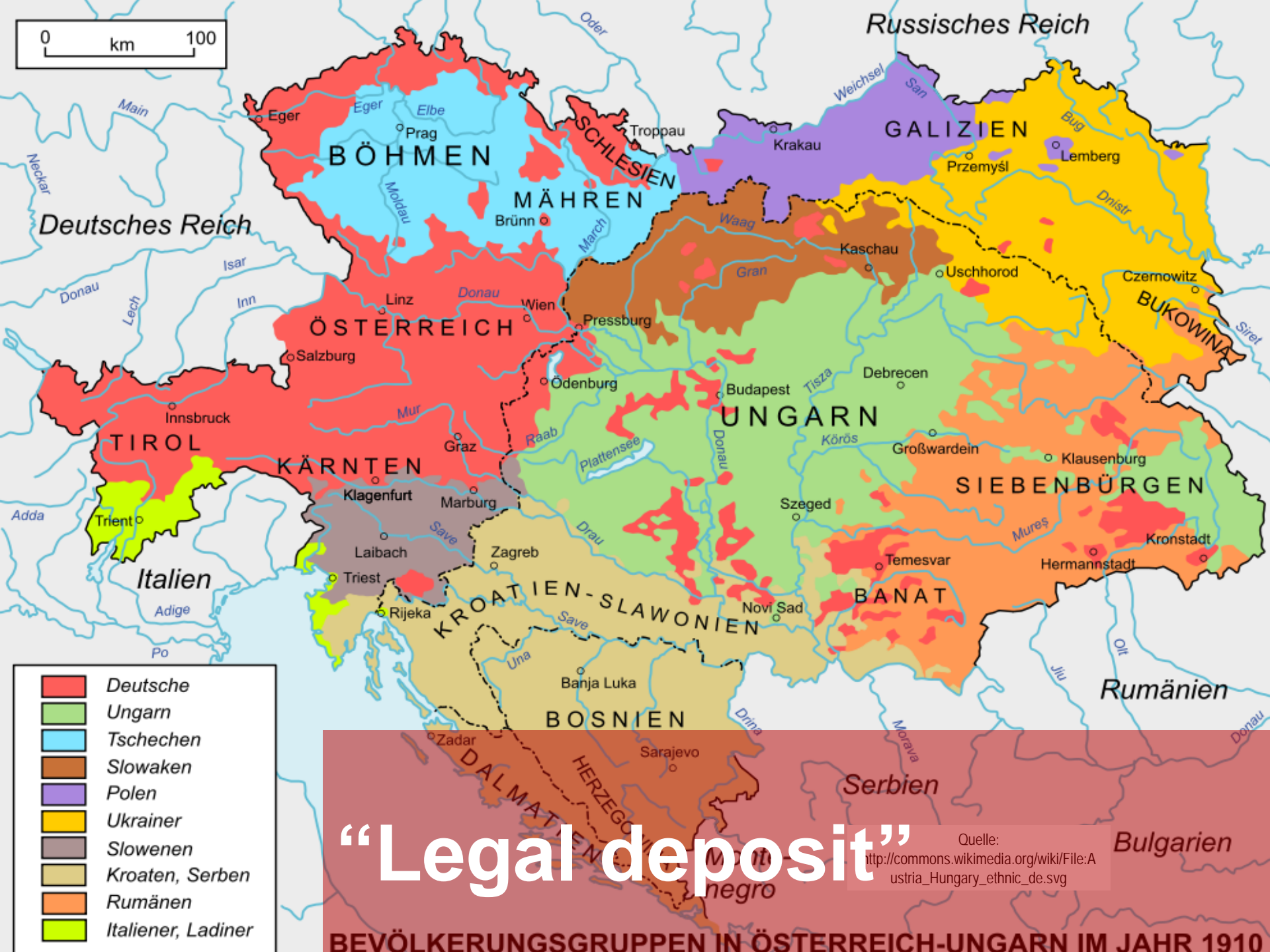
"Legal deposit"

Department of Manuscripts and Rare Books

Map Department

Österreichische Nationalbibliothek

Department of Music

Theatre Museum

Fidei Commiss Library

Österreichische Nationalbibliothek
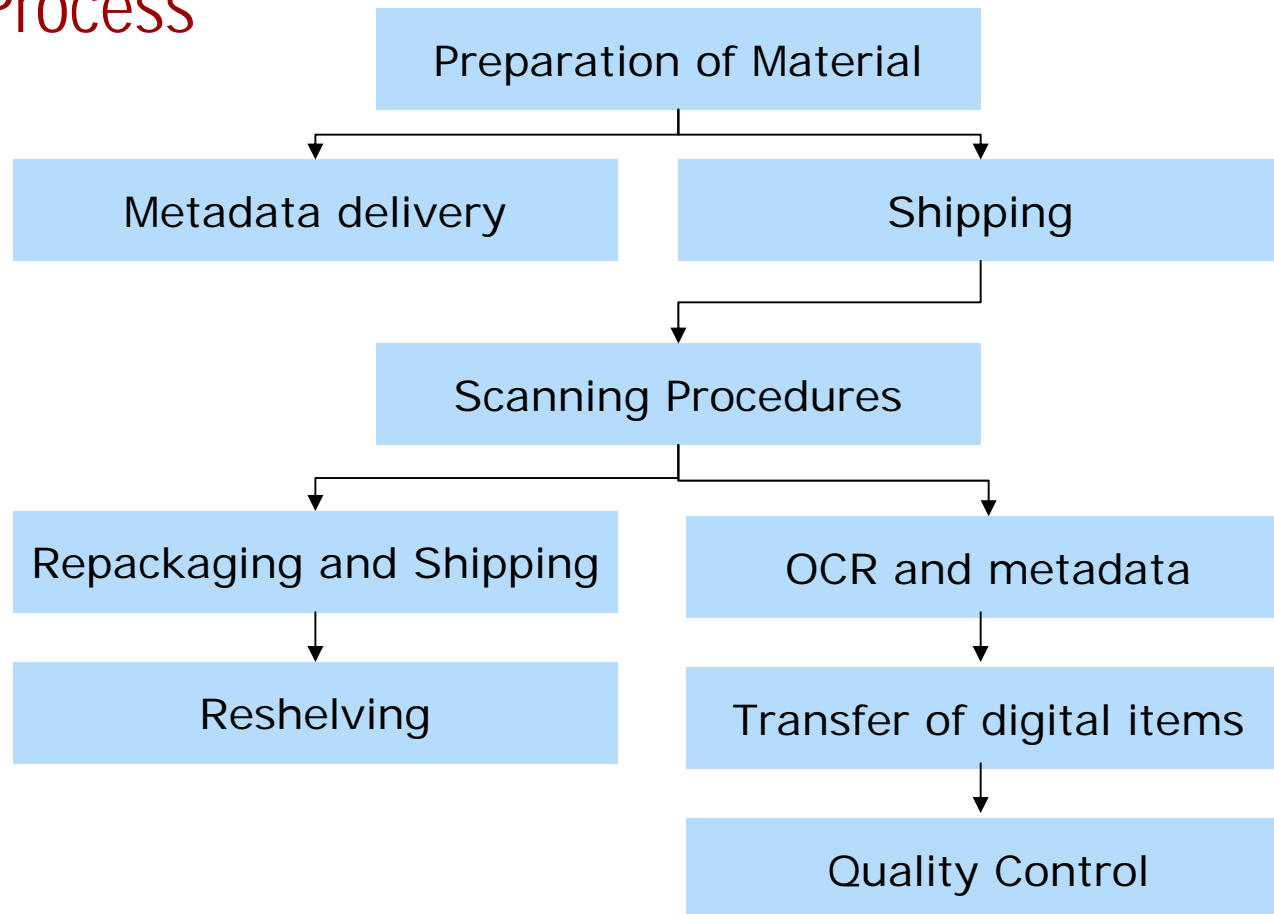
Preparatory phase July – Dec 2010

- Integration with organisational processes

- Allocation of Personnel, Resources

- Logistics - Assessments and test runs

- Creation of project plan
  - WP1 Book Logistics
  - WP2 Metadata adaptation, Cataloguing
  - WP3 Conservation / Restoration
  - WP4 Quality Control
  - WP5 Access
  - WP6 IT Infrastructure and Data Storage
  - WP7 Project Management

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Process

```
┌─────────────────────────────────┐
│      Preparation of Material     │
└─────────────────────────────────┘
        │                    │
        ▼                    ▼
┌──────────────────┐  ┌──────────────────┐
│ Metadata delivery │  │     Shipping     │
└──────────────────┘  └──────────────────┘
                              │
                              ▼
              ┌──────────────────────────┐
              │    Scanning Procedures    │
              └──────────────────────────┘
              │                        │
              ▼                        ▼
┌──────────────────────────┐  ┌──────────────────────────┐
│ Repackaging and Shipping  │  │     OCR and metadata      │
└──────────────────────────┘  └──────────────────────────┘
              │                        │
              ▼                        ▼
┌──────────────────────────┐  ┌──────────────────────────┐
│        Reshelving         │  │  Transfer of digital items │
└──────────────────────────┘  └──────────────────────────┘
                                          │
                                          ▼
                              ┌──────────────────────────┐
                              │      Quality Control      │
                              └──────────────────────────┘
```

Flow of Physical Books

Entire historical book holdings
16th–19th century

Book pulling and cleaning

Book Pulling State Hall

Book Pulling Depot

Book Pulling gallery State Hall

Books
in 3 rows

Assessment of book size

Special Collection activities

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Book manipulation

Boundwiths

Preparation of material

Barcoding   Metadata ammendmenst

Book Manipulation Area

Color-Slips-System

Ende

- Assessment of volumes
- Aleph-Search > partly stock revision
- Metadata check and ammendements
- Itemdata, Multi-volume works and boundwith!
- Barcoding
- Check out
- Final check of Carts

Check uot

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Conservatory Preselection and Maintenance

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Conservatory preparations in books manipulation area

Conservatory preparations at Institute for Restauration

Preselection
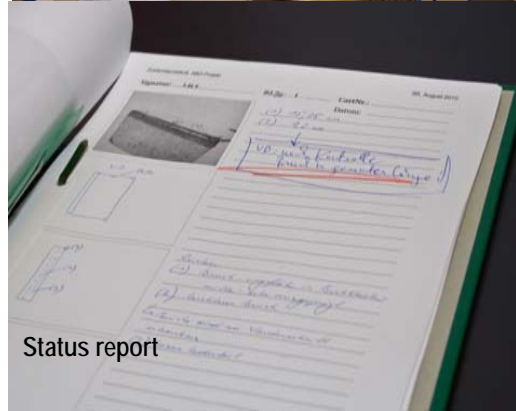
Fotodocumentation

Status report

Removal of mold

15/27

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Packing and Shipment

Logistics

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Reshelving

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Reshelving

Reshelvng in State Hall

Check in

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2) Flow of Digital Volumes

Digitisation

Data Download

ADOCO
(Austrian Books
Online
Download
& Control)

Storage in Pair Tree

Quality Control

Access

Status Quality Control – ADOCO*

Austrian Books Online DOwnload and COntrol

- Method
  - Start beginning of July 2011
  - 2,5 persons doing manual audit
  - Searching for systematic, not individual errors
  - Mix of automatic and manual methods
  - 20 Mio digital files/year, 95.000 digital pages/day, manually impossible to check all

- Tool: ADOCO (ABO DOwnload and COntrol)
  - Downloading volumes
  - Internal viewer with possibility for error annotations

- Next steps
  - Clustering of errors and suggestions of suspiscious files for manual audit
  - Reporting module and statistics

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Navigation via Treetable

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Startseite | Download | Bücher-Suche | Qualitätskontrolle | Qualitätskontrolle_neu | Ausloggen | Willkommen, Martin |
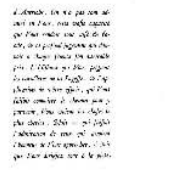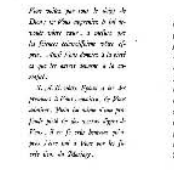
Bossuet, Jacques-Benigne episcopus Meldensis: Oeuvres, 1736-1757, 1736, 1757
+Z136997907 | Alt Prunk | 4.R.5.(Vol.4) | 676 Seiten

Quality Control Palette

Seitennavigation

<<　　　　　　00000014.jp2　　　　　　>>

Nachbearbeitungsfehler: Scanvorgang:

☐ Zu fette Schriftzeichen　☐ Bewegunsunschärfe
☐ Zu magere Schriftzeichen　☐ Blattwölbung
☐ Zu dunkler Scan　☐ Seite beschnitten
☐ Zu heller Scan　☐ mitgescannte Objekte (z.B. Finger)
☐ Cropping quer
☐ Cropping laengs　☐ mitgescannte Objekte (z.B. Lesezeichen)
☐ Verzerrung　☐ Sonstiges
☐ Whitescreen　**Fehler in der Seitenfolge:**
☐ Blackscreen　☐ Seite doppelt gescannt
☐ Bluescreen　☐ Seite ausgelassen
☐ 1-Pixel-Bild　☐ Seite gehört an andere Seite
☐ Fehlende Colorierung　**Fehler gilt für mehrere Seiten**
☐ Sonstiges　von 00000014.jp2

Kommentar:　bis 00000014.jp2

<< Speichern　Speichern　Speichern >>　Abbrechen

Cet esprit de qui régne en tour Evêque a écrit, idée du vôtre. Je n'ose pourtant dire, que Vous l'aïez fait sur cet unique modelle, quoique excellent.

Data Access

- JPEG-2000 Master-Files stored redundantly
- Files linked with online catalogue
- Access-Copies generated on the fly
- URN-Resolver for permanent identification underway
- Searchable and accessible via
  - TEL http://search.theeuropeanlibrary.org/portal/en/index.html
  - Europeana http://www.europeana.eu/portal/

europeana
think culture

Catalogue /
"Quick Search"

Full Text Search

Book Viewer

[Mobile Apps]

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USER

Book Viewer

Full Text
Index Server

Quick Search

Image Server

URN Resolver

Catalogue

Digital Repository

Master Images

Digital files
from Google

ADOCO
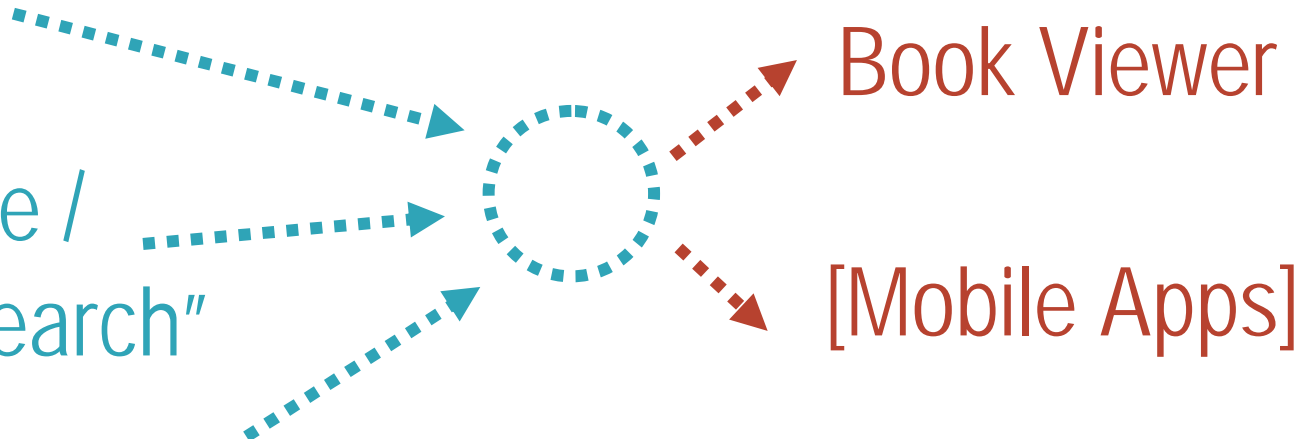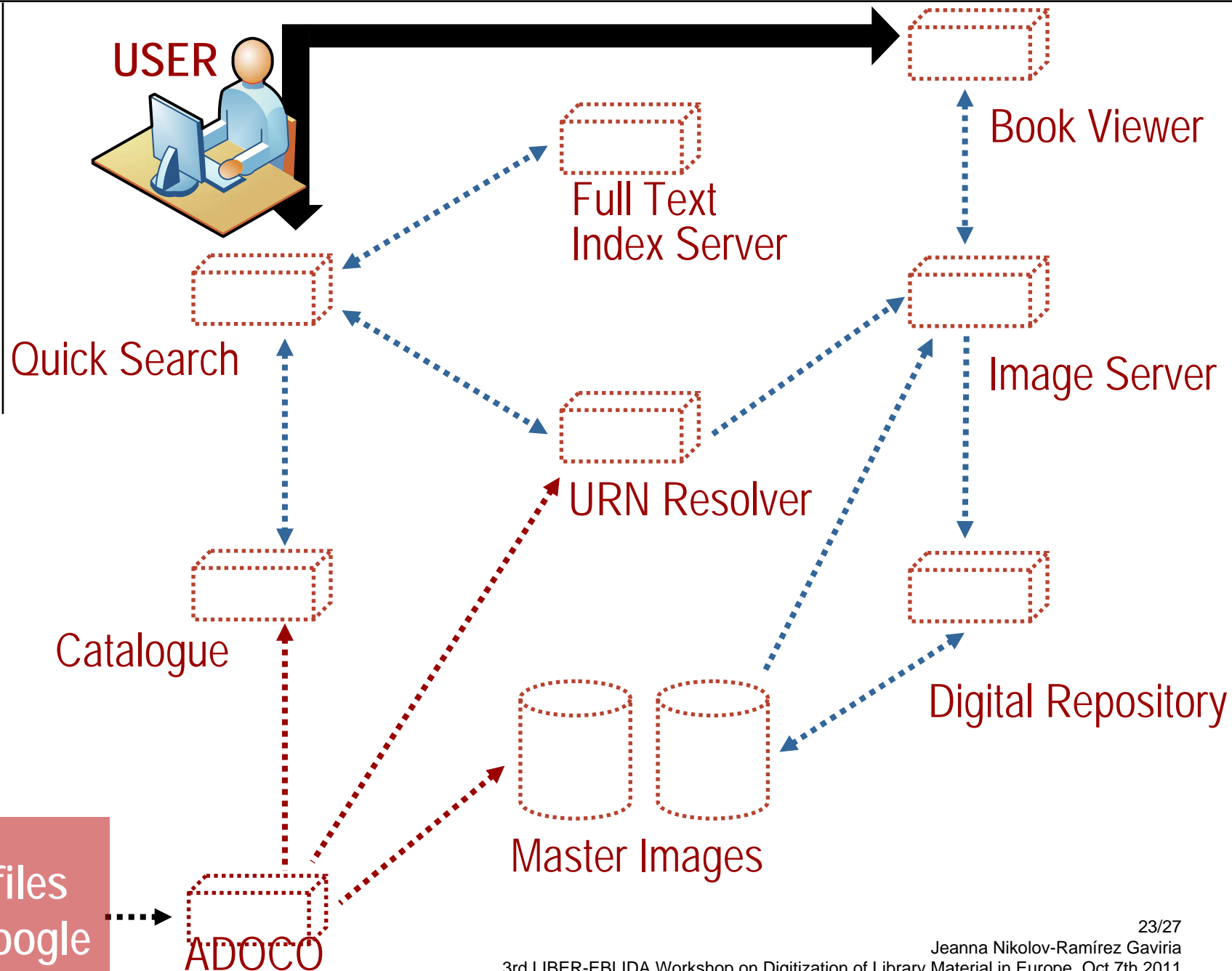
Huy! und Pfuy!

Der Welt.

Huy/ Oder Aufrischung

Zu

allen schönen Tugenden:

Pfuy Oder Abschreckung

Von

allen schändlichen Lastern:

Durch underschiedliche sittliche Concept,

Historien/ und Fabeln vorgestellt.

Worinnen

Der Poet / Prediger / und waserley

Standes-Personen für ihren Kram

etwas finden können;

Durch

R. P. ABRAHAM à S. CLARA,

Augustiner Barfüsser Ordens/ Provinciæ

Definitorem, und Kaiserl. Prediger rc. rc.

Mit Römischer Kayserlicher Majestät allergnädigsten Freyheit/

Mit Kupfern geziert und verlegt

Durch

Christoph Weigel/ Kupferstechern und Kunsthändlern

in Nürnberg.

Würtzburg/

Gedruckt bey Martin Frantz Hertzen.

1707.

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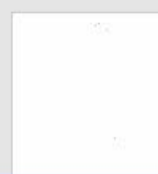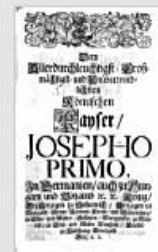
Amazon

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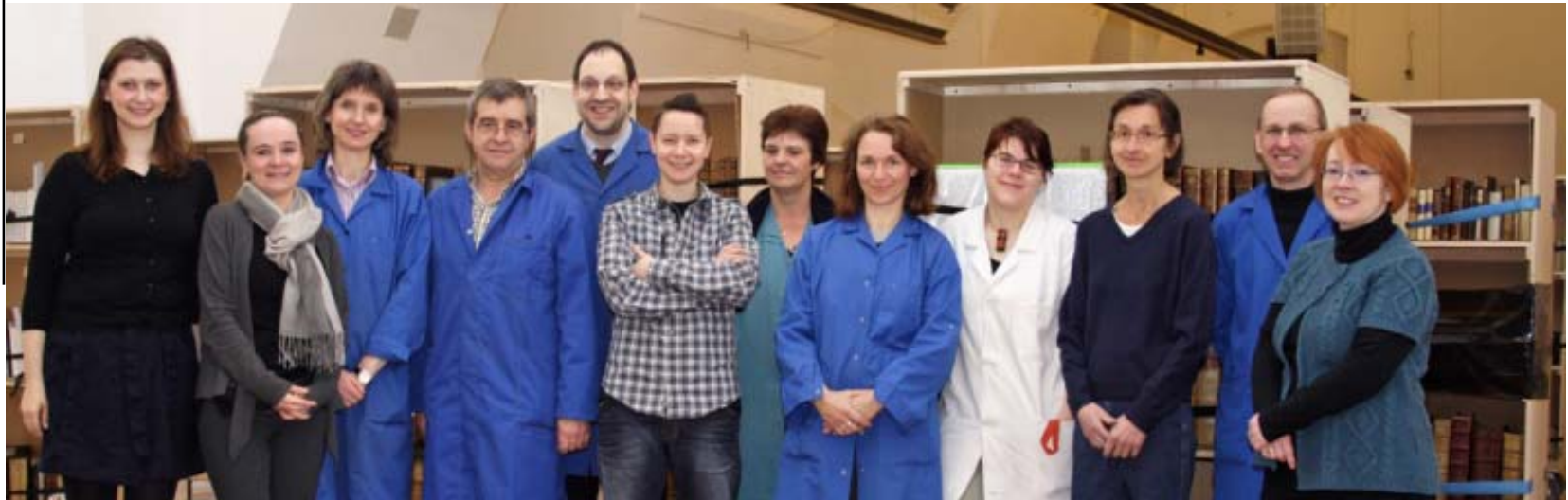**Related books**

Plain text   ✂ Clip   ∞ Link   ☑ Feedback

xiv ◀ ▶

Next

- Full Text

- Data Enrichment

- Named Entity Recognition

- Linked Data

- Additional Services for Digital Humanities

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Thank you!

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