



Goobi in the Hamburg State and University Library

<How to use open source in digitization projects>

<Kerstin Wendt >

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OVERVIEW

- ➔ Our way to Goobi –from a management perspective
- ➔ Some facts about our library and the digitization programme
- ➔ The main features of Goobi for our library

MANAGEMENT ARGUMENTS FOR GOOBI

- ➔ We decided to stop using our former commercial IT-Solution due to a very small number of customers in 2011.
- ➔ Preference for open source in our library
 - *With “Goobi“ our digitization activities won’t depend on scaling license fees !*
 - *Moreover libraries should control important library tools to prepare for the future.*
- ➔ Goobi.Presentation is part of TYPO3 – our website tool for the last 6 years and for the future.

management arguments for Goobi

- Connecting to IT companies with Goobi Support
 - *leads to an individual mixture of independence and support*
 - *provides expert know how in the library - an important issue in the library strategy*
 - *helps to solve specific problems (Newspaper Project)*
- Member of a library community with a great deal of digitization experience / power
- Together with other libraries we can finance common interests in software development.

DIGITIZATION IN OUR LIBRARY

library and digitization facts

- ➔ Larger sized regional and university library
- ➔ In 2013 library management fixed digitization as a major task in library strategy.
- ➔ Regional library started with a lot of ideas for digitization projects.



ADDRESS BOOKS



REFERENCE BOOKS & REGIONAL JOURNALS



MAPS AND GRAPHICS



NEWSPAPERS

digitization in our library

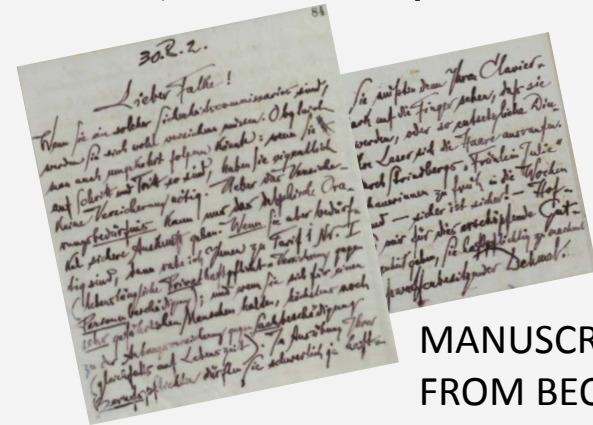
- Special collections has been working on other materials: rare books, manuscripts, graphics, photos and objects of bequests



COPPERPLATES
ENGRAVING



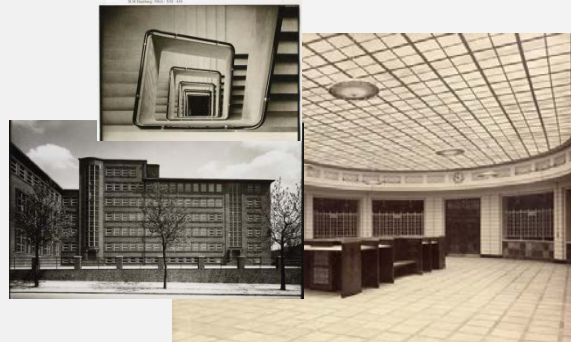
PORTRAITS



MANUSCRIPTS
FROM BEQUESTS



MANUSCRIPTS



GLASSPLATE NEGATIVES



RARE
BOOKS

digitization in our library

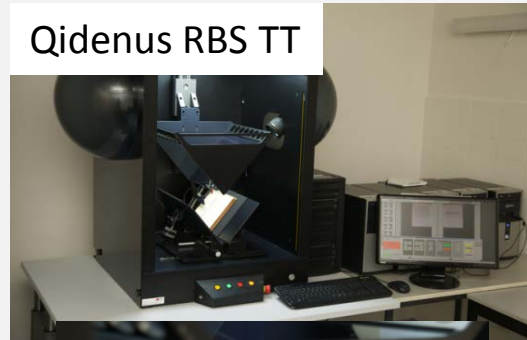
- Mixture of inhouse and outsourcing of digitizations



Homrich Vario 3



Wolfenbütteler
Buchspiegel



Qidenus RBS TT



Zeutschel OS 14000 A1



Microbox A1

digitization in our library

‘ Human resources ‘

- 4 librarians
- 3 scan operators
- 15-20 student assistants (scanning & metadata => 5 FTE)
- 1 FTE in IT-Administration (Goobi.Production and Goobi.Presentation)

Results

- 3,600 books/objects per year in the goobi workflow since 2011
- 500,000 pages per year in inhouse scanning
- 2.1 Mio pages of newspapers
- 550,000 pages in the address book project (former digitization software)

GOOBI – PRACTICAL WORK

Main features of Goobi.Production:

- ➡ browser based workflow tool – connected with a role concept
- ➡ Providing METS/MODS or METS/TEI – according to standards

List of tasks

Number	Title	Status	Activity
0 ↑↓	☒ Aufnahme	■ ↑↓	
1 ↑↓	☒ Scannen	■ ↑↓	
2 ↑↓	☒ Qualitätskontrolle Scannen	■ ↑↓	
3 ↑↓	☒ Metadatenbearbeitung	■ ↑↓	
4 ↑↓	☒ Qualitätskontrolle Metadatenbearbeitung	■ ↑↓	
5 ↑↓	☒ OCR	■ ↑↓	
6 ↑↓	☒ Export	■ ↑↓	

Goobi - practical work

- Every user will be connected with his / her specific projects and tasks in the workflow

The screenshot displays the Goobi user interface. On the left is the 'Edit user' form with fields for Surname (xxxxx), First name (Spencer), Location (Hamburg), Login (behrensp), LDAP login (behrensp), Password (masked), and LDAP group (MitarbeiterInnen). Below the form are sections for 'is active' (checked), 'Bulk downloads', 'User groups' (Metadata), and 'Projects' (Bestandserhaltung, Einzelwerke Hamburg, Regionalzeitschriften, Statistiken, UniDigitalisierung). A red arrow points from the user details to a blue box labeled '- Workflow -' containing 'My tasks' and 'Search for volume'. A second red arrow points from this box to a table of tasks. The table has columns for Task, Process, Process date, Project, Status, and Activity. It shows 256 hits for 'Regionalzeitschriften' tasks, with various process IDs and dates.

Task	Process	Process date	Project	Status	Activity
Metadatenbearbeitung	tabebdew_PPN790838443_1870	Jul 21, 2014	Regionalzeitschriften	C	
Metadatenbearbeitung	zeitdegef_PPN77014229X_1892	Oct 29, 2013	Regionalzeitschriften	C	
Metadatenbearbeitung	zeitdegef_PPN770142370_2002	Dec 20, 2013	Regionalzeitschriften	C	
Metadatenbearbeitung	amtsdesta_PPN635760754_0010	Oct 15, 2010	Regionalzeitschriften		
Metadatenbearbeitung	anzedeind_PPN750435038_1831_32	Jun 27, 2013	Regionalzeitschriften		
Metadatenbearbeitung	beri_PPN730608336_1912_13	Nov 29, 2012	Regionalzeitschriften		
Metadatenbearbeitung	Berbidiv_PPN83360029X_1902	Nov 26, 2015	Regionalzeitschriften		
Metadatenbearbeitung	Berbidiv_PPN83360029X_1903	Nov 26, 2015	Regionalzeitschriften		
Metadatenbearbeitung	Berbidiv_PPN83360029X_1904	Nov 26, 2015	Regionalzeitschriften		
Metadatenbearbeitung	Berbidiv_PPN83360029X_1905	Nov 26, 2015	Regionalzeitschriften		

Goobi - practical work

The screenshot displays the Goobi Metadata Editor interface. On the left is a sidebar with a tree view of document structure, including sections like 'Monographie', 'Abschnitt', and 'Abbildung'. The main area is titled 'Edit metadata' and shows a 'Main Title' field with the text 'Biblische Betrachtung des Erdreichs/ Zweyter Theil. Von denen allgemeinen Veränderungen/ ...'. Below this are buttons for 'Add new person' and 'Add new metadata'. On the right, there is a preview of a historical book page with German text in Gothic script, including the title 'Biblischer Betrachtung Des Erdreichs / Zweyter Theil. Von denen allgemeynen Veränderungen / Welche Der Erd-Kreis annoch aufzufuchen hat.' and the author 'Herrn T. BURNET;'. The page is viewed at 80% zoom.

Metadata Editor: pagination, structure data and metadata for chapters, articles, etc.

newspaper digitization with Goobi - in 2012

As we did for the ‘Europeana Newspaper Project‘

- digitizing of 1800 microfilms by a service provider
- splitting on day level and adding structure and metadata information on issue level according to our guidelines („Morgenausgabe“, titles of supplements, numbering) – also by the service provider
- delivering images in combination with structure and metadata information in an internal Goobi format by the service provider
- ingest with a specific plugin – a support company has built for us
- ! External IT-Support for an individual problem
- ! About 200,000 newspaper processes in Goobi without performance problems
- ! Our library financed features in metadata editor for deleting and renumbering of images and for flexible moving of images between processes

newspaper digitization in Goobi - now

- New features for newspaper digitization in Goobi.Production – organized and financed by State Library of Berlin
- New data model for newspaper aggregation - with an additional year level in the hierarchy
- Setup of newspaper processes:

Home page >> Process management >> Create new process >> Enter course of appearance

Enter course of appearance

Episodes of the course of appearance

Episode: 01.01.1920 – 31.12.1920 from: 01.01.1920 up to: 31.12.1920


● Issue: Morgenausgabe Mon Tue Wed Thu Fri Sat Sun

● Issue: Abendausgabe Mon Tue Wed Thu Fri Sat Sun

← 1920 →

Jan	Feb	Mar	Apr	May	Jun	Jul
1. ●●	1. ●●○	1. ●●	1. ●●	1. ●●	1. ●●	1. ●●
2. ●●	2. ●●	2. ●●	2. ●●	2. ●○	2. ●●	2. ●●
3. ●●	3. ●●	3. ●●	3. ●●	3. ●●	3. ●●	3. ●●
4. ●○	4. ●●	4. ●●	4. ●○	4. ●●	4. ●●	4. ●○
5. ●●	5. ●●	5. ●●	5. ●●	5. ●●	5. ●●	5. ●●
6. ●●	6. ●●	6. ●●	6. ●●	6. ●●	6. ●○	6. ●●
7. ●●	7. ●●	7. ●○	7. ●●	7. ●●	7. ●●	7. ●●
8. ●●	8. ●○	8. ●●	8. ●●	8. ●●	8. ●●	8. ●●
9. ●●	9. ●●	9. ●●	9. ●●	9. ●○	9. ●●	9. ●●
10. ●●	10. ●●	10. ●●	10. ●●	10. ●●	10. ●●	10. ●●

newspaper digitization in Goobi - migration



DFGviewer

NEUE HAMBURGER ZEITUNG

Hamburg 1896 - 1920

Persistente Identifier (Werk): <http://resolver.sub.uni-hamburg.de/goobi/PPN689065744>

Jahrgangsübersicht - Neue Hamburger Zeitung 1915

JANUAR							FEBRUAR							MÄRZ						
MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO
				01	02	03														
04	05	06	07	08	09	10	01	02	03	04	05	06	07	01	02	03	04	05	06	07
11	12	13	14	15	16	17	08	09	10	11	12	13	14	08	09	10	11	12	13	14
18	19	20	21	22	23	24	15	16	17	18	19	20	21	15	16	17	18	19	20	21
25	26	27	28	29	30	31	22	23	24	25	26	27	28	22	23	24	25	26	27	28
														29	30	31				

1910

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

Neue Hamburger Zeitung / Morgen-Ausgabe 102 1915

Seite [1] -->
⏪ ⏩ 🔍 📄



> Neue Hamburger Zeitung
 > 1915
 > 02
 > 25
 Neue Hamburger Zeitung / Morgen-Ausgabe
 Neue Hamburger Zeitung / Abend-Ausgabe
 Extrablatt
 Extrablatt

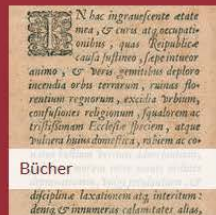
Goobi – search interface

■ <http://digitalisate.sub.uni-hamburg.de>

Digitalisierte Bestände

Wertvolle, für die Forschung wichtige, attraktive Sammlungen der Stabi gehen nach und nach ins Netz: Alte Drucke, Handschriften, Graphik, Karten, Fotos, Musikalien, Zeitschriften, Briefe und Manuskripte Hamburger Autorinnen und Autoren – und vieles mehr!

(Trunkierte Suche mit *)



Search or browsing functions

Periodika

Die Adress- und Telefonbücher Hamburgs und der Vorstädte, Zeitschriften von Geschichts- und Bürgervereinen, Hamburgs gedruckte historische Statistik und Staatshandbuch, Protokolle und Drucksachen der Bürgerschaft finden Sie hier in vollständigen Serien.

(Trunkierte Suche mit *)

- **Hamburgensien: Historische Statistik** (37 Treffer/937 volumes)
- **Hamburgensien: Parlamentaria** (1 title/22 volumes)
- **Hamburgensien: Zeitschriften**
Hinweis: Es werden nicht alle Zeitschriften-Artikel im digitalen Inhaltsverzeichnis angezeigt. In der Regel finden Sie dort die Beiträge, die Hamburg-relevant und länger als eine halbe Seite sind. Beilagen finden Sie innerhalb der jeweiligen Zeitschriftenjahrgänge.
(237 Treffer/2492 volumes)



Goobi - search interface

- another type of search interface in a project website:
<http://jungius.sub.uni-hamburg.de>

The screenshot shows a web interface for the digitalized estate of Joachim Jungius. The main content area has a dark red background and features the name 'Joachim Jungius' in large white text. Below the name is a paragraph in German describing the digitalized estate and its search options. A list of four documents is displayed, each with an envelope icon, a title, a list of subjects, and a reference code. On the right side, there is a dark sidebar with a 'Filter' section containing several search filters: Titel, Thema, Strukturtyp, Sprache, Signatur, Personen, and Erscheinungsjahr. The background of the sidebar features a faint image of a classical painting.

Joachim Jungius / Recherche

Joachim Jungius

Der digitalisierte Nachlass des Hamburger Gelehrten Joachim Jungius (1587–1657) bietet viele Recherche-Optionen und Hilfsmittel. Steigen Sie rechts in die Recherche ein und suchen Sie z. B. über den „Strukturtyp“ nach Abbildungen oder Zitaten.

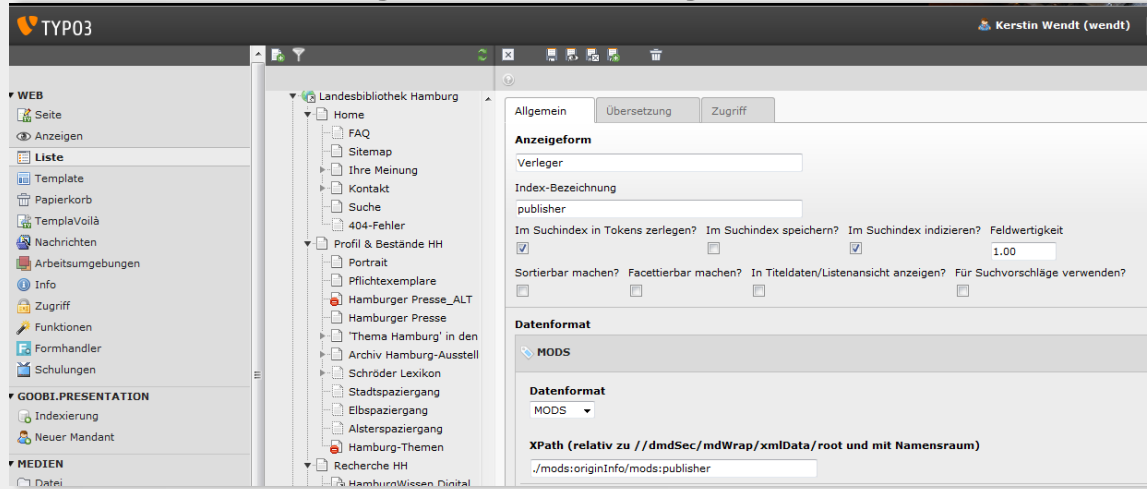
- ✉ **Brief von Martin Trost**
Peripatetia Antiqua
Bibliothecarii negotia
Sup. ep.: 98: fol. 158 | lat
- ✉ **Brief an Christian Buncke in Helmstedt**
Bibliothecarii negotia
Logica
Sup. ep.: 96: fol. 19, 17 | lat
- ✉ **Brief von Reinhold Blome**
Satyrica Latina
Sup. ep.: 97: fol. 29 | lat
- ✉ **Brief an das Hamburger Scholarchat**
Gymnasium
Scholae
Sup. ep.: 96: fol. 136-137 | ger

Filter

- Titel
- Thema
- Strukturtyp
- Sprache
- Signatur
- Personen
- Erscheinungsjahr

Technical key aspects of Goobi.Presentation

- !! Complete configuration by a graphical user interface



e.g. statements for every single metadata element regarding the indexing process and its label for the web

- the plugin concept leads to an easy and flexible integration in the library website and offers the chance for different user interfaces in different projects (plugin for search, hitlist, view for the digitized object with metadata and table of contents, OAI interface)
- OAI interface to provide other portals with METS files

Thank you for your attention !

Kerstin Wendt

Von-Melle-Park 3
20146 Hamburg
Germany

+49 40 42838-5817
wendt@sub.uni-hamburg.de

www.sub.uni-hamburg.de

 facebook.com/stabihh

 twitter.com/stabihh