



# K2 – a regional research portal

by Julia Alexandra Goltz

# What's our Gold?



# A research portal named K2?

2012 – 2015



European Regional Development Fund (ERDF)

# KOBV-Portal >>> old

<http://vs13.kobv.de>

# KOBV-Portal 2.0 >>> new

- AIM:  
make the portal fast and easy to use  
“under one roof, at one place”  
for all of our users

# KOBV-Portal 2.0 >>> new

<http://portaltest.kobv.de/>

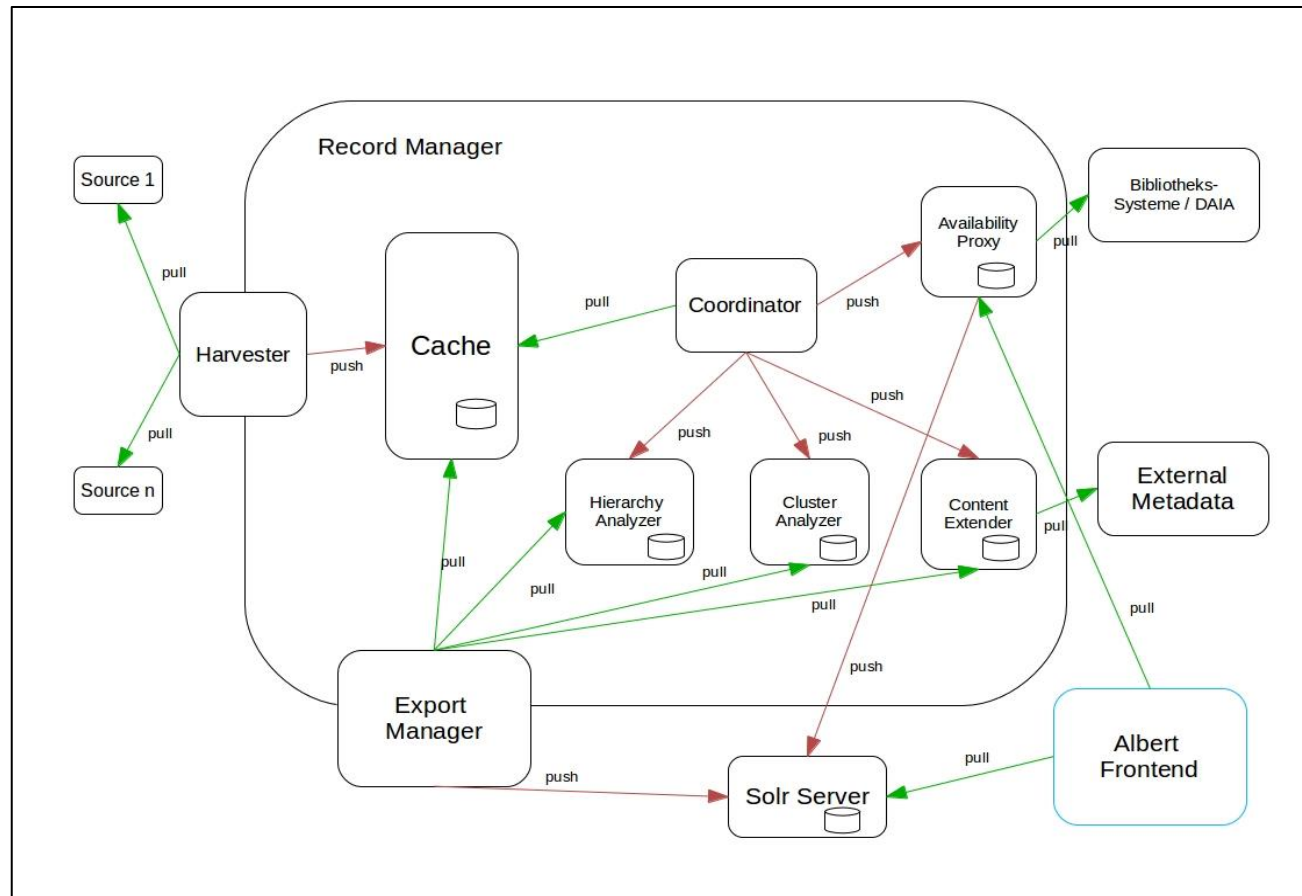
<http://portal.kobv.de/>

# Architecture >>> Basis is ALBERT



ALBERT - LIBRARY SEARCH ENGINE

# Architecture >>> Frontend and Backend





# Architecture: special?

- our components are designed with the aim to make them reusable for others – as a stand alone tool

# Agenda 2014 - 2015

- more external sources
- more data enrichments
- show real-time availability
- designing and a mobile version
- evaluation together with our partner:  
the Institute for Library Science and  
Information at Humboldt-University Berlin

current status (development)  
<http://portaltest.kobv.de/>

# OPUS 4 – *Open Source Development*

# OPUS 4

- Repository for publications
  - with/without full text
- Open Source under GPL3
- Used by various institutions, e.g. ZIB, to
  - provide access to publications
  - manage bibliographies
- Based on PHP and MySQL

# A brief history ...





- DFG funded project until 2010
- Replacement for OPUS 3 that had become too difficult to maintain
- Since 2011 continued development at KOBV with several releases every year
- Last release was **4.4.5** on **30.10.2014**

# Key Features


- Support for
  - OAI, XMetaDissPlus
  - OpenAIRE (new in 2014)
  - Google Scholar
- Harvesting by DNB (via XMetaDissPlus)
- Online presentation can be customised
- Customisable document types
- German and English user interface
  - more languages are possible


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REFINE

**Author**

[Thorsten Koch](#) (98)

[Timo Berthold](#) (29)

[Alexander Martin](#) (28)

[Tobias Achterberg](#) (26)

[Stefan Heinz](#) (23)

[Andreas Bley](#) (18)

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**Year of publication**

[2014](#) (9)

[2013](#) (22)

[2012](#) (19)

[2011](#) (19)

[2010](#) (7)

[2009](#) (10)

[2008](#) (16)

[2007](#) (12)





# Hosting

- KOBV is hosting OPUS 4 instances for various institutions (currently **28**)
- Two other library consortias have started hosting (BSZ, Konstanz, and HBZ, Cologne)
- Continued migration from OPUS 3 to OPUS 4 (**9** left at KOBV)

# The Future, 2015, ...

- Increased development by external developers (we hope)
- Migration to GitHub to facilitate more flexible cooperation and handle merging of contributions into releases
- Updates to search functions
- Easier management of publication lists for authors
- And much more ...

# Thank you!

- Joyeux Noël!

