



MAX PLANCK  
digital library

# Usage of MetaLib and SFX in the Max Planck Society

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Jerusalem, 13th November 2008

## Introducing Max Planck Society (MPS)

- 76 independent research institutes in Germany and abroad; organized in 3 scientific sections
- Mission: Basic research in the sciences, arts and humanities
- Total Staff: 13.000
- Budget: 1.720 billion Euro
- About 70 libraries and few central units (e.g. MPDL)
- MPG information management is assembled from centralized and decentralized services



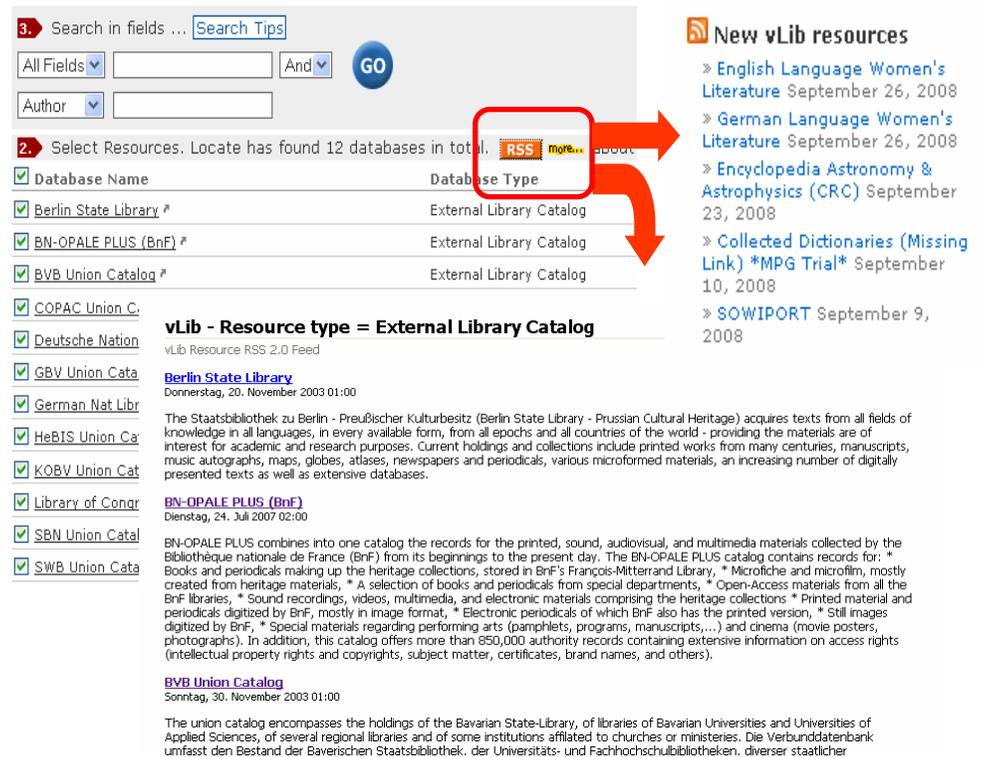
## Introducing virtual Library Project (vLib)

- Started in 2001 as an initiative of MPG libraries
- Usage of **commercial Software**: Adapted and extended to fulfill the needs of scientists in MPG
- **Central installations** to serve the complete MPG, but generating institute specific views and further options of localization
- **vLib Portal** = Integration of all resources relevant for information retrieval into one user interface (e.g. reference databases and library catalogs) = catalog of resources + metasearch
- **MPG/SFX Link Resolver** = Seamless navigation from a reference to further information = global/local services

## What we have done: MetaLib I

### Resource Feeds

- Aim: Advertise resources independently from UI, offer off-portal entry points.
- Solution: cgi script.
- Based on X-Services source\_locate, etc.
- Dynamic feeds, resource list is created on request.
- Static feeds .rss generated on a regular basis.



3. Search in fields ... [Search Tips](#)

All Fields  And

Author

2. Select Resources. Locate has found 12 databases in total. [RSS](#) [More...](#) [About...](#)

Database Name	Database Type
<input checked="" type="checkbox"/> <a href="#">Berlin State Library</a> <sup>#</sup>	External Library Catalog
<input checked="" type="checkbox"/> <a href="#">BN-OPALE PLUS (BnF)</a> <sup>#</sup>	External Library Catalog
<input checked="" type="checkbox"/> <a href="#">BVB Union Catalog</a> <sup>#</sup>	External Library Catalog
<input checked="" type="checkbox"/> <a href="#">COPAC Union C.</a>	
<input checked="" type="checkbox"/> <a href="#">Deutsche Nation</a>	
<input checked="" type="checkbox"/> <a href="#">GBV Union Cata</a>	
<input checked="" type="checkbox"/> <a href="#">German Nat Libr</a>	
<input checked="" type="checkbox"/> <a href="#">HeBIS Union Ca</a>	
<input checked="" type="checkbox"/> <a href="#">KOBV Union Cat</a>	
<input checked="" type="checkbox"/> <a href="#">Library of Congr</a>	
<input checked="" type="checkbox"/> <a href="#">SBN Union Cata</a>	
<input checked="" type="checkbox"/> <a href="#">SWB Union Cata</a>	

**vLib - Resource type = External Library Catalog**  
vLib Resource RSS 2.0 Feed

[Berlin State Library](#)  
Donnerstag, 20. November 2003 01:00

The Staatsbibliothek zu Berlin - Preußischer Kulturbesitz (Berlin State Library - Prussian Cultural Heritage) acquires texts from all fields of knowledge in all languages, in every available form, from all epochs and all countries of the world - providing the materials are of interest for academic and research purposes. Current holdings and collections include printed works from many centuries, manuscripts, music autographs, maps, globes, atlases, newspapers and periodicals, various microformed materials, an increasing number of digitally presented texts as well as extensive databases.

[BN-OPALE PLUS \(BnF\)](#)  
Dienstag, 24. Juli 2007 02:00

BN-OPALE PLUS combines into one catalog the records for the printed, sound, audiovisual, and multimedia materials collected by the Bibliothèque nationale de France (BnF) from its beginnings to the present day. The BN-OPALE PLUS catalog contains records for: \* Books and periodicals making up the heritage collections, stored in BnF's François-Mitterrand Library, \* Microfiche and microfilm, mostly created from heritage materials, \* A selection of books and periodicals from special departments, \* Open-Access materials from all the BnF libraries, \* Sound recordings, videos, multimedia, and electronic materials comprising the heritage collections \* Printed material and periodicals digitized by BnF, mostly in image format, \* Electronic periodicals of which BnF also has the printed version, \* Still images digitized by BnF, \* Special materials regarding performing arts (pamphlets, programs, manuscripts, ...) and cinema (movie posters, photographs). In addition, this catalog offers more than 650,000 authority records containing extensive information on access rights (intellectual property rights and copyrights, subject matter, certificates, brand names, and others).

[BVB Union Catalog](#)  
Sonntag, 30. November 2003 01:00

The union catalog encompasses the holdings of the Bavarian State-Library, of libraries of Bavarian Universities and Universities of Applied Sciences, of several regional libraries and of some institutions affiliated to churches or ministries. Die Verbunddatenbank umfasst den Bestand der Bayerischen Staatsbibliothek, der Universitäts- und Fachhochschulbibliotheken, diverser staatlicher

**New vLib resources**

- » [English Language Women's Literature](#) September 26, 2008
- » [German Language Women's Literature](#) September 26, 2008
- » [Encyclopedia Astronomy & Astrophysics \(CRC\)](#) September 23, 2008
- » [Collected Dictionaries \(Missing Link\) \\*MPG Trial\\*](#) September 10, 2008
- » [SOWIPORT](#) September 9, 2008

## What we have done: MetaLib 2

### 476 Resources

[update resource list now](#)

ID ↓	Title	Resource Link	Basic Test	Record Link
<a href="#">MPG01841</a>	<a href="#">Max Planck Institute for Comparative Public Law and International Law</a>	pass	<a href="#">pass</a>	pass
<a href="#">MPG01843</a>	<a href="#">Max Planck Institute for Human Development</a>	pass	<a href="#">pass</a>	
<a href="#">MPG01845</a>	<a href="#">INSPEC (STN)</a>	pass		
<a href="#">MPG01847</a>	<a href="#">Max Planck Institute of European Legal History</a>	pass	<a href="#">pass</a>	
<a href="#">MPG01854</a>	<a href="#">Max Planck Institute of Quantum Optics</a>	fail	error	pass
<a href="#">MPG01855</a>	<a href="#">Current Contents / All Editions (Ovid)</a>	pass	<a href="#">pass</a>	pass

- Question: How can any status of quality be determined?
- Setup: Run basic tests on daily, extended tests on weekly basis.
- Results: Detect all sorts of errors prior to user complaints.

### MetaLib Resource Monitor

(“mlreswatch“)

- Aim: Assure constant quality of linking and search services.
- Solution: OS software project

Test  for resource [MPG01854](#)

Query:

[\[MetaLib UI Url\]](#)

Expected results:

Comment URL:

[go](#)

Number of records to retrieve:

Subfields to check in records:

(comma separated list of tags like 245a)

Last run:

started: 2008-10-19 19:18:05, finished: 2008-10-19 19:19:00

Result: local error 6026 Interactive search is still in process. Use "find group info" to determine the search status. [\[URL\]](#)

# What we have done: SFX 1

## EZB-Fetch

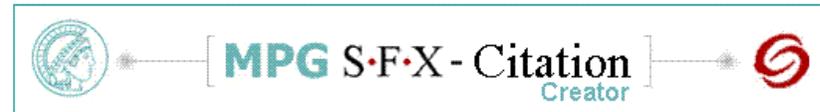
- Fetching holding information from the Elektronische Zeitschriftenbibliothek (EZB)
- SFX Plugin requests the OpenURL interface of the EZB; adds local attributes (e.g. availability and target URLs) to the context objects
- These attributes are afterwards used by the corresponding target service



## What we have done: SFX 2

### BibTeX record to paste & copy

- Extending ExLibris' CAPTURE\_CITATION service
- by adding BibTeX as additional citation style
- and revising the complete look&feel

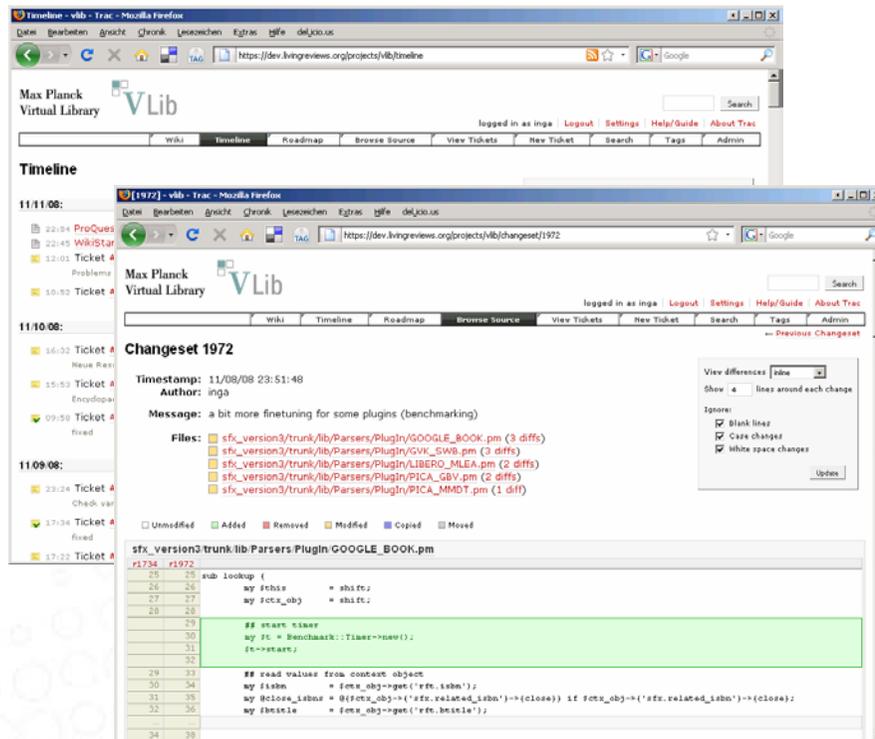


Use this tool if you want to copy and paste the citation in a selected format:

APA   **BibTeX**   RIS   Chicago   MLA   MPG S·F·X

```
@article{McAteer1988,  
  author = "J A McAteer and G S Dougherty and K D Gardner  
and A P Evan",  
  title = "Polarized epithelial cysts in vitro: a review  
of cell and explant culture systems that exhibit epithelial  
cyst formation.",  
  journal = "Scanning microscopy",  
  year = "1988",  
  volume = "2",  
  number = "3",  
  pages = "1739-63",  
  issn = "0891-7035",  
  url = "http://tinyurl.sfx.mpg.de/3uj1",  
}
```

## How do we work



The screenshot displays the Trac web interface for the Max Planck Virtual Library. The top navigation bar includes links for Wiki, Timeline, Roadmap, Browse Source, View Tickets, New Ticket, Search, Tags, and Admin. The main content area is divided into two sections: a 'Timeline' on the left and a 'Changeset 1972' view on the right. The 'Changeset 1972' view shows the commit message, author (inga), timestamp (11/08/08 23:51:48), and a list of files that were modified. A diff view is shown for the file 'sfx\_version3/trunk/lib/Parsers/Plugin/GOOGLE\_BOOK.pm', with line numbers and code changes visible. The code includes a 'sub lookup' function and a benchmarking section.

The MPDL infrastructure team provides us with **svn & trac**, incl.

- wiki for our documentation
- ticket system for new requests
- svn repository for our code changes (diff views)
- group based permissions
- timeline, tags, milestones, rss, ...

Not sure how EICommons will fit into this environment

## Lessons learned & Future ahead

- SFX services are highly accepted among users
- Usefulness of meta search is questionable; but the vLib portal is very important as central catalog of resources
- Adapting ExLibris systems to local needs requires continuous commitment and resources (monitoring, testing, revision)
- What we expect from ExLibris
  - stable and well-documented APIs – standards if applicable
  - planning reliability: We need to know early which functionalities will be implemented by ExLibris (and when)
- What we envision for the future?
  - MetaLib UC Author Bibliography
  - SFX UC Citation Parsing



## Entry Points

- vLib Portal: <http://vlib.mpg.de>
- MPG/SFX Citation Linker: [http://sfx.mpg.de/citation/sfx\\_local](http://sfx.mpg.de/citation/sfx_local)
- About vLib: <http://vlib.mpg.de/aboutvlib.html>
- vLib blog: <http://blog.vlib.mpg.de>
- Project documentation:  
<https://dev.livingreviews.org/projects/vlib/>
- MetaLib Resource Monitor:  
<https://dev.livingreviews.org/projects/mlreswatch/>