



where we connect

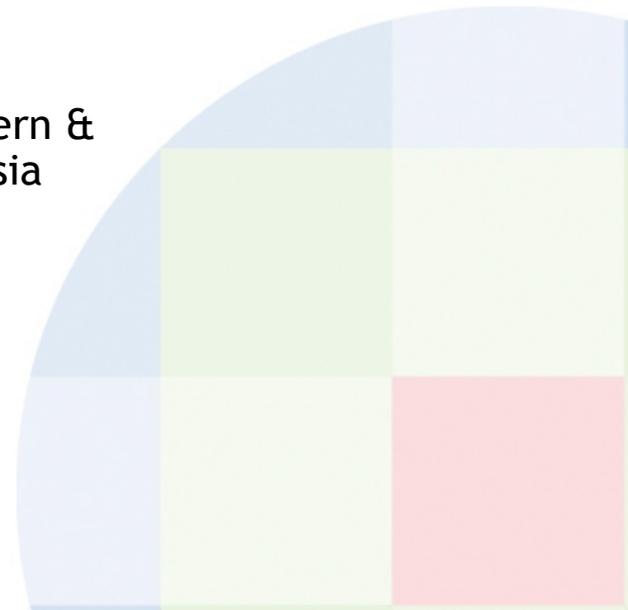
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Jens Graessler

Regional Director Central, Eastern &
Northern Europe / Central Asia



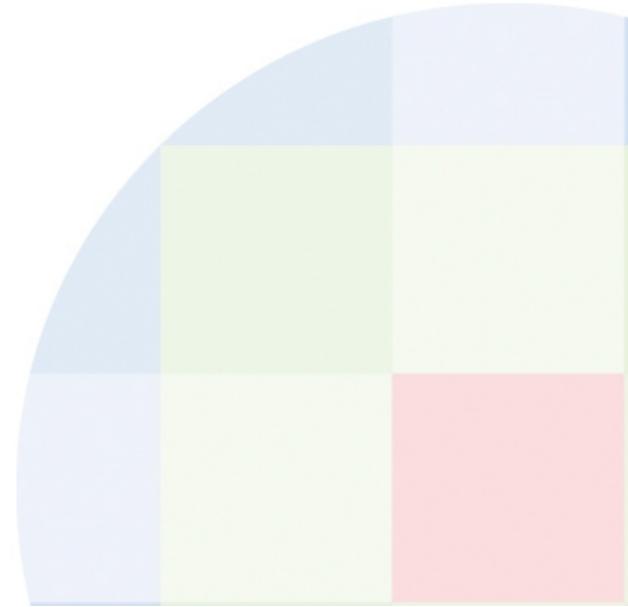
Wolters Kluwer
Health





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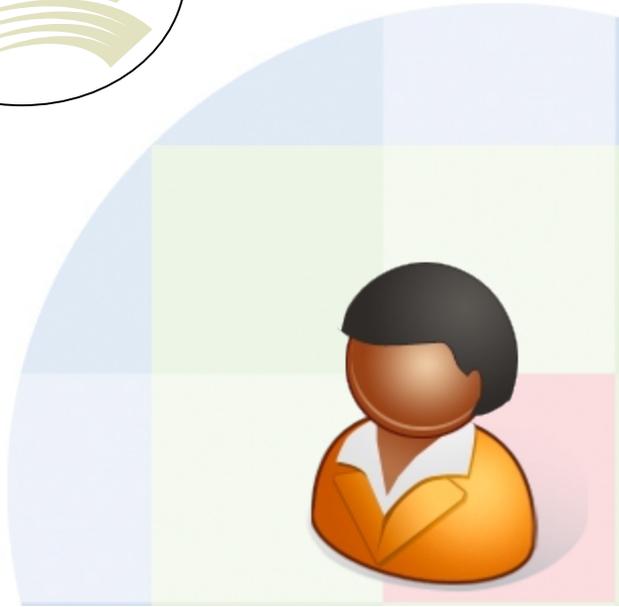
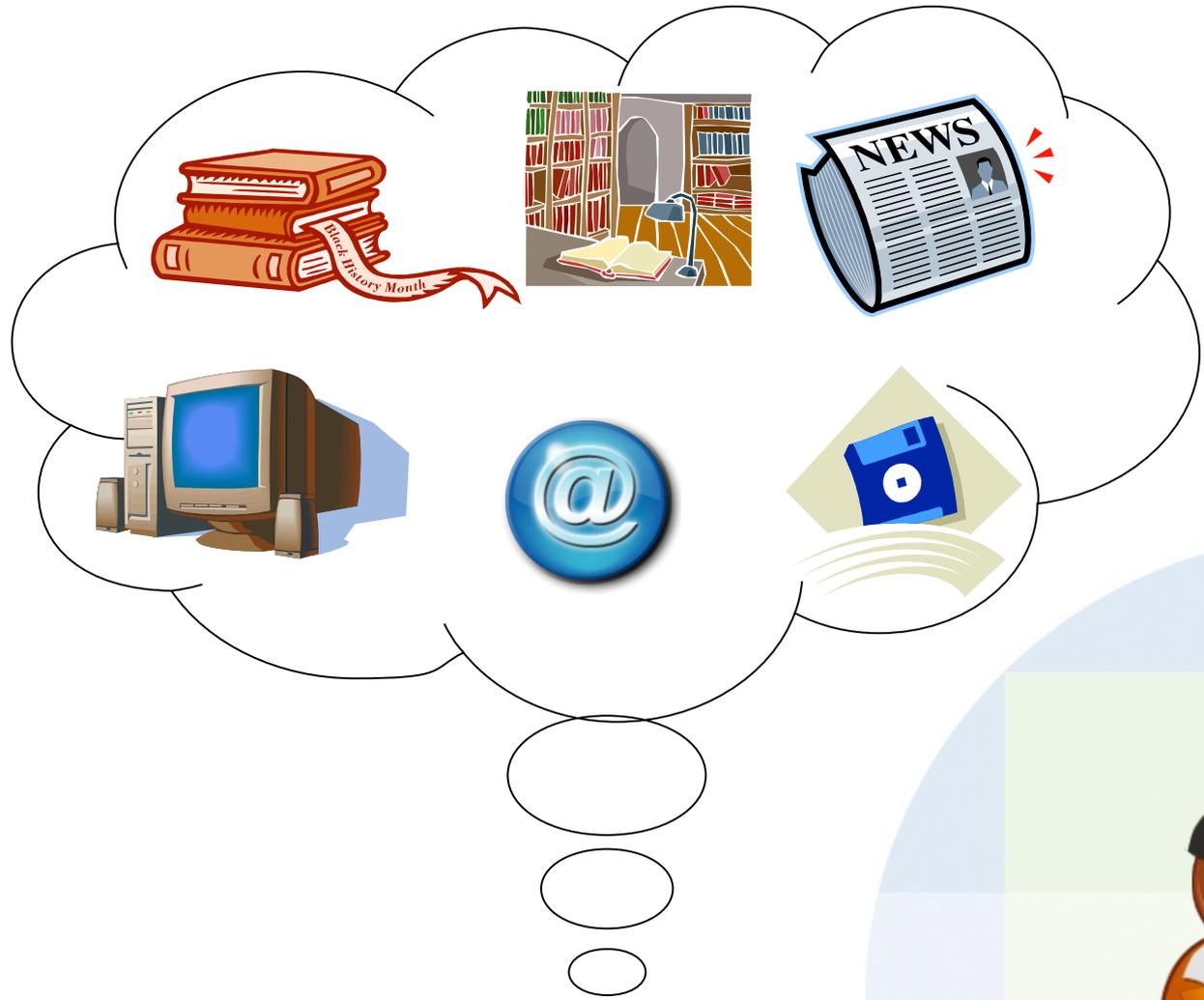
Tools to Empower Searching - Helping Users to Find the Right Information





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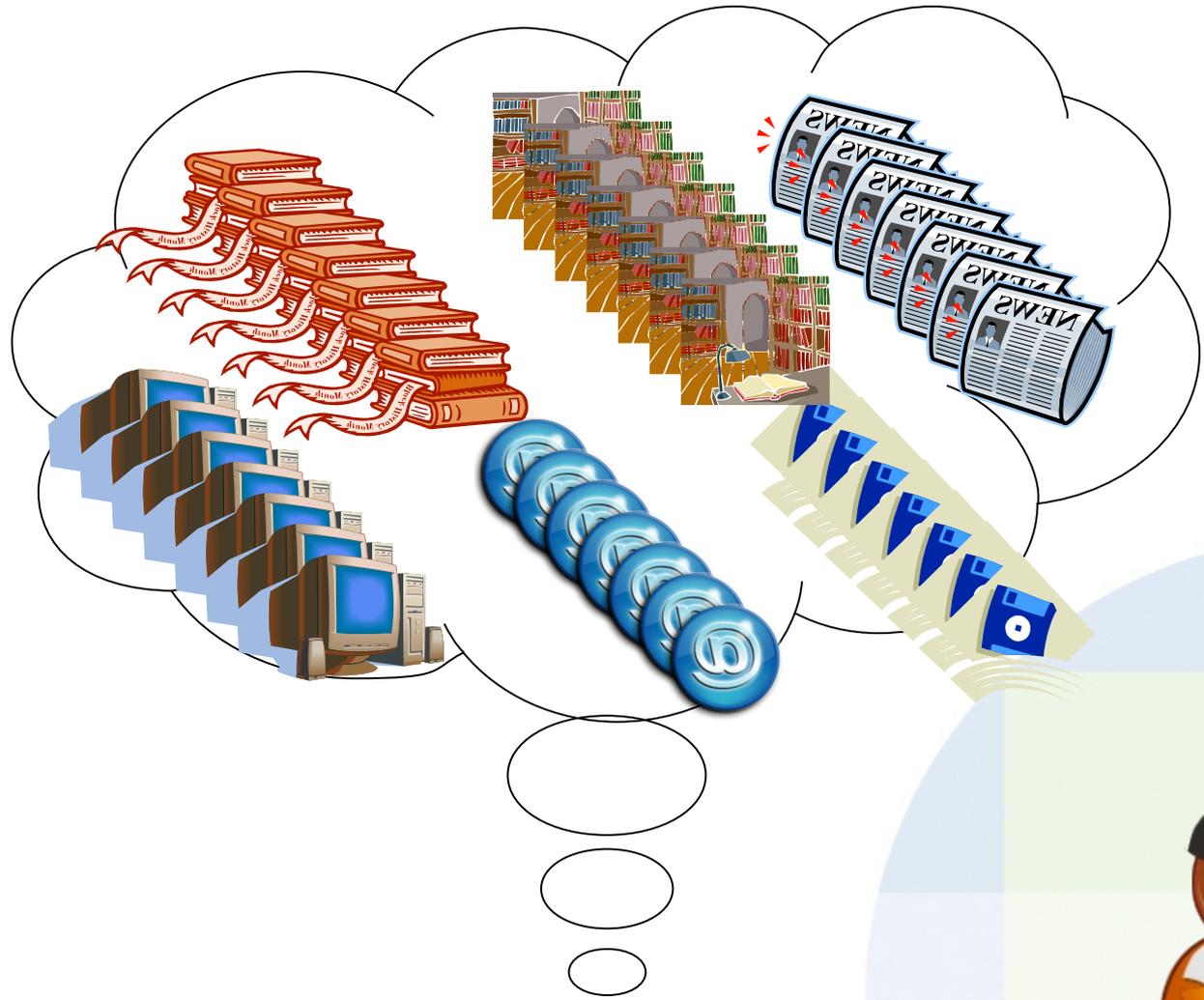
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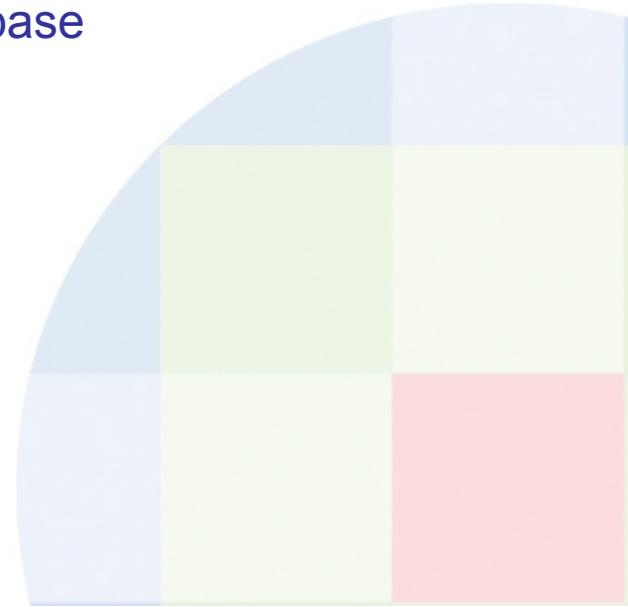




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Information

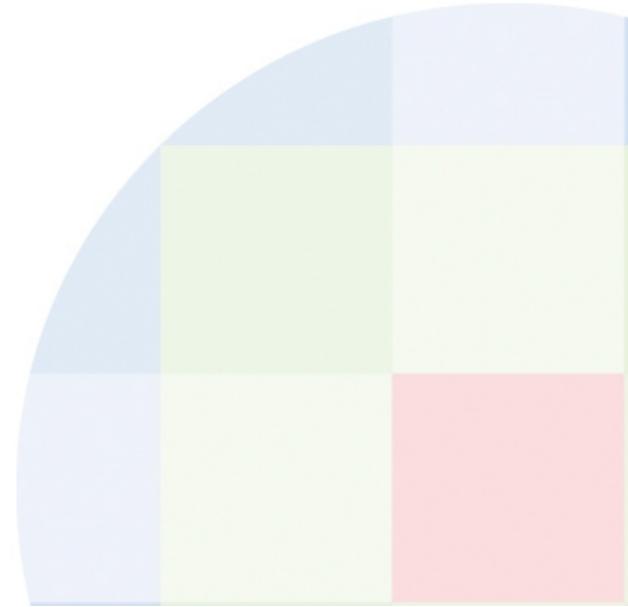
- Information exists in many different formats:
Print, electronic, online
- Information exists in many different places:
home, office, library, internet, document servers
- Information exists in different amounts:
single piece of text, a journal, a chapter, a database





Numbers

- Google indexes 12.000.000.000 webpages and 3.000.000.000 pictures which is round 50% of the internet
- German libraries hold 232.000.000 books
- Round about 235.000 professional books are published each year
- Number of current professional journals worldwide is 120.000





Tools

- Bibliographic databases are tools to navigate through huge amounts of primary literature resources
- Database hosts are tools to navigate through bibliographic databases
- SearchEngines are tools to navigate through large numbers of webpages
- OPAC's/catalogues are tools to navigate through big collections of printed materials
- Linking tools help to navigate to identified resources



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Access

- Access to printed books
- Access to eBooks
- Access to printed journals
- Access to eJournals
- Access to eDocuments
- Access to the WEB

Library Catalogues, Bookshops

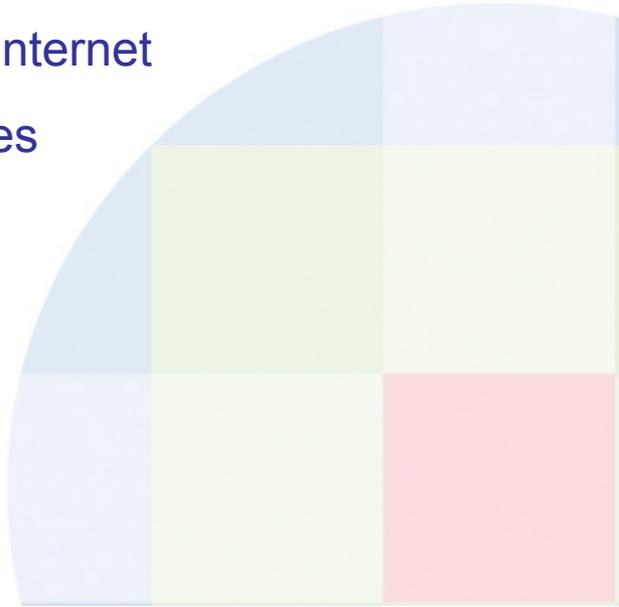
Online providers like publishers, eBook-vendors

Library catalogues

Internet, Library webpages, Serials management tools

Inst.Servers, Internet

Search engines



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CHANGE CHANNEL

BY PHIL BEKKER

BOYLE SCHOLARSHIP RECIPIENT

■ ■ ■ ■

May 8, 2007 - June 8, 2007



AT THE LIBRARY

First floor 24-hour study hall starts Saturday 5/19!

What is Change Channel?

The sky is the limit with LINK+ (almost)

Today at SSU | [More Blogs](#)

Snoopy Library Catalog

Keyword

[More search options](#)

Articles & Databases

Subject List

Internet Resources

Google Scholar

Journal List

A-Z

Course Reserves

Print and Media Reserves

Study Hall
 First floor open 24 hours
 from 10am Saturday 5-19
 through 5pm Friday 5-25.

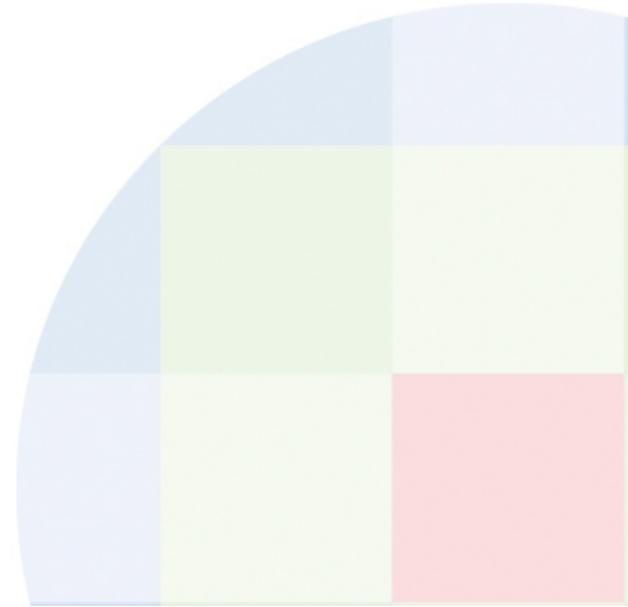


Users

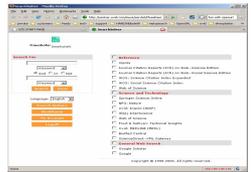
Users want to access information wherever it is located, in whatever format it exists, at any time, from any location, as easy as possible, as quick as possible.

Critical factors are:

- easy access
- quick access
- comprehensive access
- tools that help to find important information
- online based

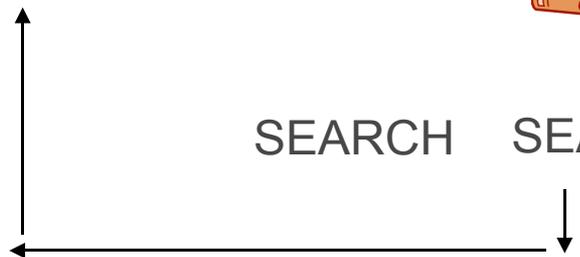


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Literature Mgmt. Software

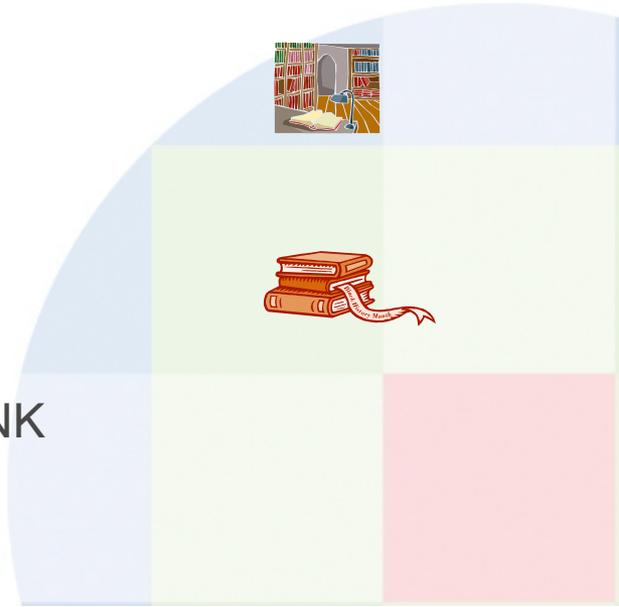
FullText Mgmt. Software



SEARCH

SEARCH

LINK



Search tools can be categorized like this:

2. Search in native interfaces like database hosts, web search engines, etc.
3. Meta-, Federated- and Index-Search
 - a. Metasearch – search performed over different resources at one time using the smallest common identifiers (exp. MetaLib)
 - b. Federated Search – search done over different resources one by one using the native algorithms and search structures (exp. SearchSolver, WebFeat)
 - c. Index Search – search engine technology searching through one central index of content (exp. FAST, Google)

Pro's and Con's

- Search in native interfaces like database hosts, web search engines, etc. – **offers sophisticated tools to search the information, but limited to the content in the resource**
- Meta-, Federated- and Index-Search
 - Metasearch – search performed over different resources at one time using the smallest common identifiers (exp. MetaLib) – **searches over more than one resource at the same time, but is limited in the way it can search, slow**
 - Federated Search – search done over different resources one by one using the native algorithms and search structures (exp. SearchSolver, WebFeat) – **searches different resources keeping their specific structure, but is only as fast as the slowest resource that is searched**
 - Index Search – search engine technology searching through one central index of content (exp. FAST, Google) – **very fast search, but limited as most important data can not be loaded into a single, local index**

Metasearch tools cannot replace native interfaces, but help with discovery of resources!

Link tools can be categorized like this:

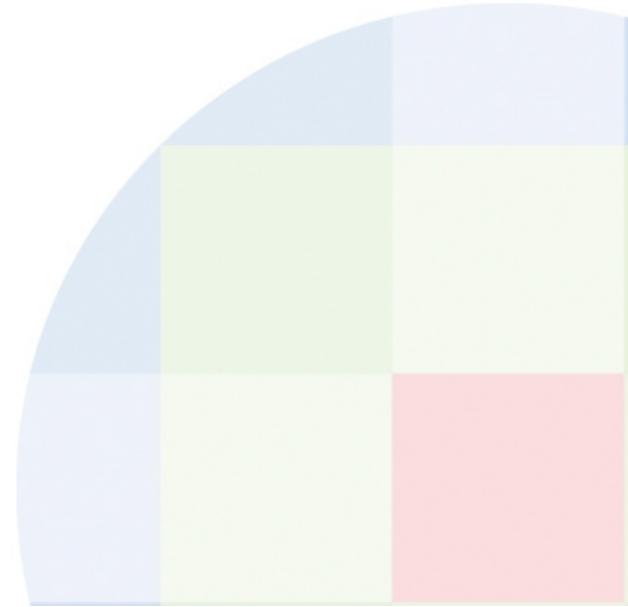
2. Platform based tools that only link from one specific platform to various targets.
3. Universal (OpenURL) LinkResolvers that link „from anywhere to anywhere. These can be divided like this:
 - a. Basic LinkResolvers that only link to eFullText under CrossRef + OPAC + DocDel
 - b. Advanced LinkResolvers, that link to basically all eFullText + OPAC + DocDel
 - c. HighLevel LinkResolvers, that link to basically all eFullText + OPAC + DocDel + various InternetResources + additional in-context information sources



MANAGE

Two different types of results from searching require different tools:

2. Bibliographic information – requires tools to handle, organize, structure this information (Endnote, RefManager, RefWorks, Procite, etc.)
3. FullText – requires tools to organize, manage, sort, rename, and SEARCH FullText (Quosa)



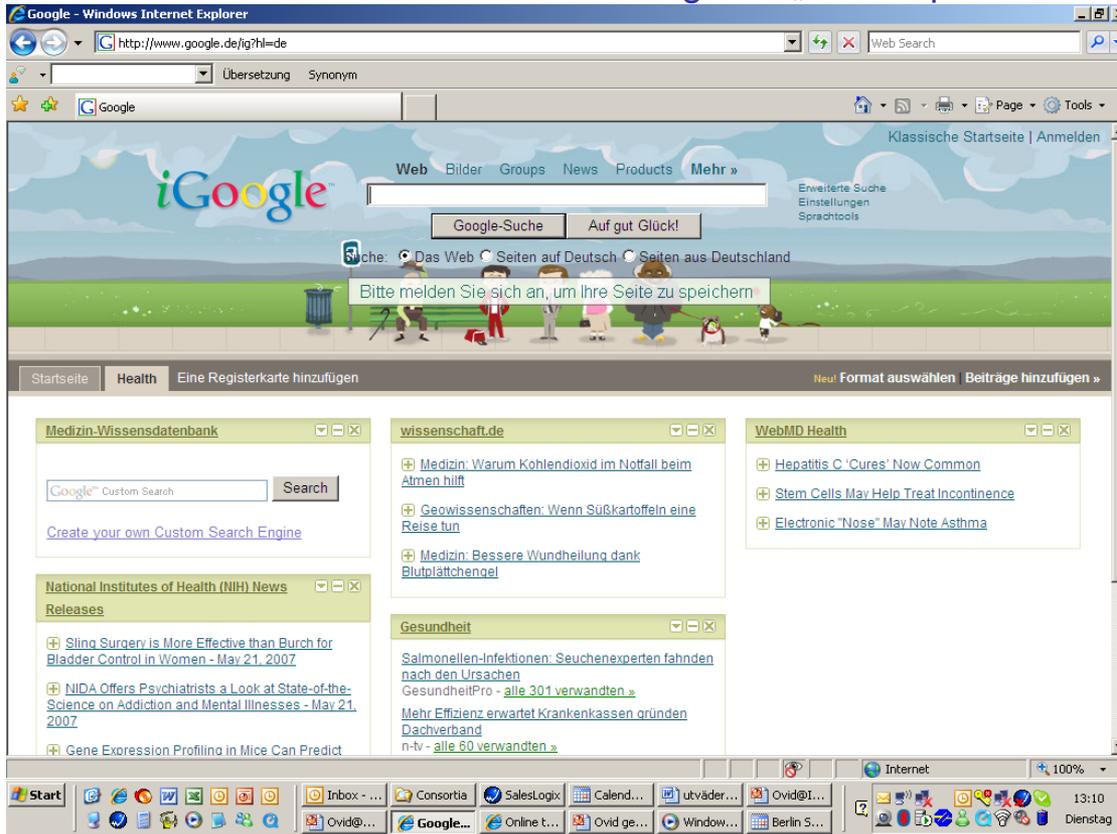


Ideal Enduser World

- Single point of access
- Single start point to search ALL resources
- Access to native interfaces if required
- Common result list bringing all hits from different resources together
- Ability to easily export results through interfaces into literature management software
- Robust Linking to identified literature and information with one click (Fulltext – online, print through catalogue, document delivery)
- Easy export of results to Literature Management Software and FullText Management Software
- Links to resources for further research
 - Example 1 Taking a MeSH term from a Medline search result and search this on the WHO webservice
 - Example 2 Taking an author or a journal from a database search result and conduct a search for citations, Impact Factors, etc.
 - Example 3 Search for images/pictures that relate to an identified textword

Future

- Web 2.0 Technology will personalize access to information
- Shibboleth and similar authentication for global „one stop access“





Summary

- There is NO one single resource for all information
- The ideal information solution COMBINES several important resources
- Users need DIFFERENT interfaces to be able to in depth search and find relevant information
- Tools can help to ORGANIZE the information portfolio
- FullText search CANNOT replace bibliographic databases

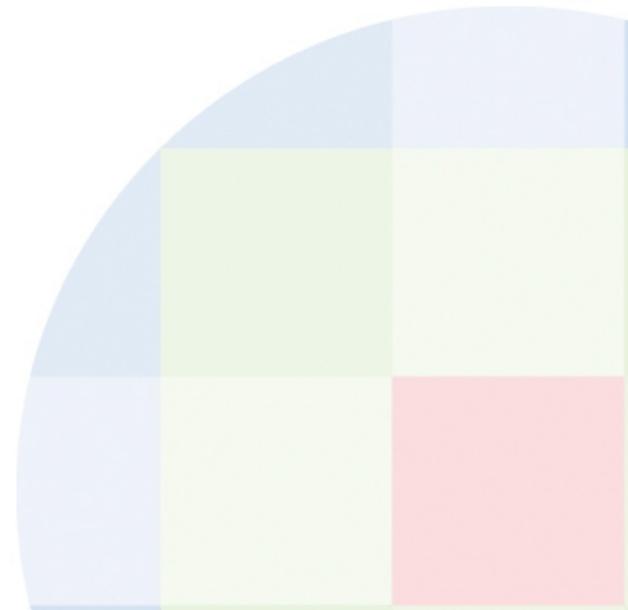
Always put the enduser at the top of Your agenda and decisions!!



where we connect

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Thank You!



Wolters Kluwer
Health