

SOURCE-BASED LEARNING

Sources:

- On-line literature
- On-line journals
- Electronic catalogues
- Websites of institutes (e.g. EU)
- Websites of universities
- Mailing lists

Databases:

Open/free vs. subscription

Structure:

Data – fields →

→ Record: connected fields of the object

Bibliography:

Topic-related
... publications
... bibliographic data
... summary/abstract

→ **Full-text**

Catalogues:

- Lists of names
- Lists of institutions
- Data of institutions

Factographic:

- numbers
- Short textual data
- tables
- e.g. statistical data,
economic-financial info.

INTERNET USE

Searching databases with restricted access:

Internet-based vs. inner network

PubMed

Web of Science



ScienceDirect



Scopus

Searching catalogues:

- literature of a given field
- browsing
- significance ↓ - lack of maintenance

Searching databases with free access:

- keyword vs. subject
- Google
 - ranking (number of links)
 - websites, pictures, products
 - stored version
- Google Scholar BETA
 - ranking: number of references
 - refine search
 - AND. OR. NOT

WolframAlpha computational intelligence.

Critical handling of sources!!!