

Formation of ETD's and related issues

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German National Library

- Collection, indexing and archiving of publications in the German language and those published in Germany
- Digital publications on physical carriers
- Excluded: online publications (so far)



Online Dissertations: “ Simple“

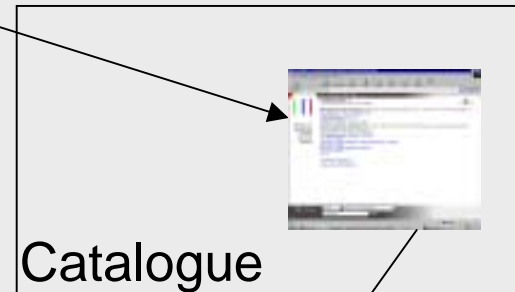
- Self-contained
- Mostly no regulations for use
- Do not contain any dynamic elements



Why Online Dissertations?

- Specific search in dissertations on distributed servers
- Immediate availability of the document
- Rapid check-up of references and citations
- Cost effective publications with diverse opportunities of presentation
- Acceleration of the librarians' work and
- Space-saving storage

Electronic publications





Access to Online Dissertations

Searchable via

- <http://dbf-opac.ddb.de/>
- <http://www.iwi-iuk.org/dienste/TheO>
- http://edoc.hu-berlin.de/e_suche/oai.php
- <http://oaister.umd.umich.edu/o/oaister/>

German dissertations in full-text

Co-ordination Agency DissOnline

- Contact point and information exchange
<http://www.dissonline.de>
- Incitation of co-operation of the participating institutions and know-how transfer
- Co-ordination of technical advancements and adjustments
- Co-operation with national and international organisations

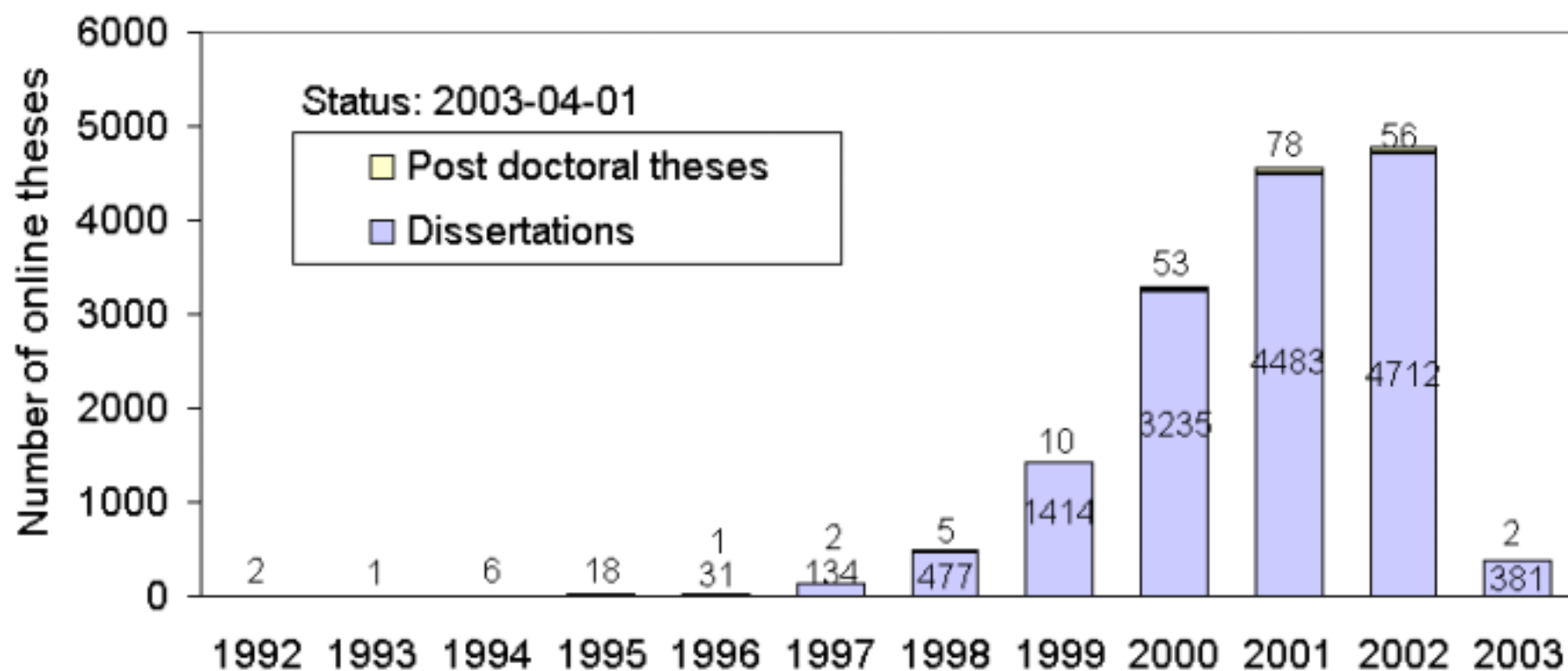


Co-ordination Agency up to date

- Project support by DFG
- Analysis about the infrastructure
- Public relation
- Statistics

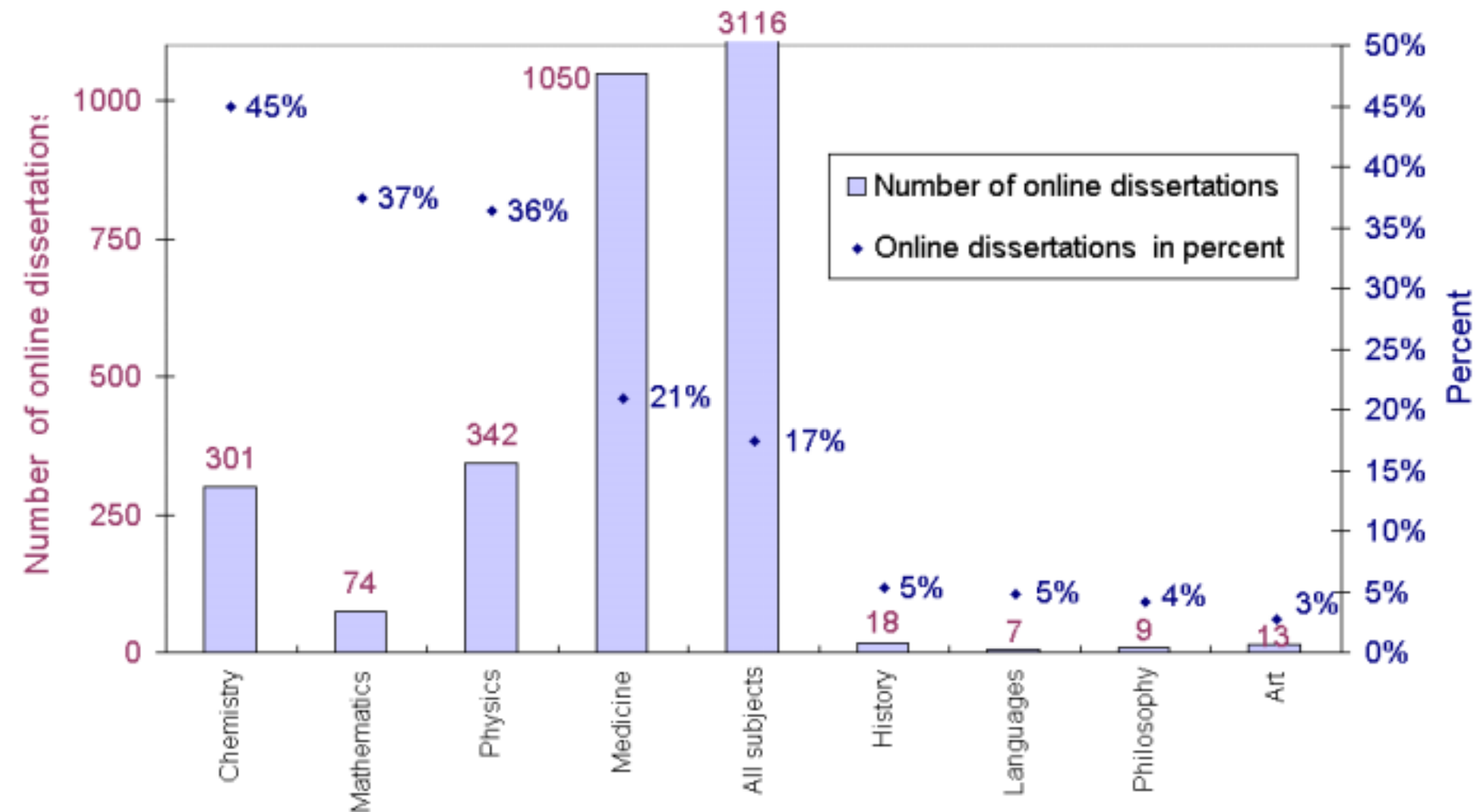
http://deposit.ddb.de/netzpub/web_online-hochschulschriften_stat.htm

Year of publishing of online theses





Online dissertations by subjects (year of publishing 2002)
Status: 2003-01-03



Documents

- **Structure:** distribution and arrangement of information , i.e. DTD: DIML, MATHML
- **Content:** consisting of text or sounds, i.e. Full text - XML instance
- **Layout:** visualizing the content and the structure of documents , i.e. style sheets: XSL:FO, XSLT, CSS, DSSSL
- **Metadata:** description of a document, i.e.. Dublin Core,

Metadata

What are metadata?

- Structured information about data

What is the use of it?

- Description, identification and proof of a document or an object

Who produces metadata?

- Producers of documents, like authors, publishers, libraries, (new) internet information providers

Use of metadata

- Metadata as source of indexing according to library rules
- Metadata for data exchange between different communities, as libraries, museums and archives
- Metadata as source for structured search within the Internet

MetaDiss (1)

- Metadata set of Online Dissertations, based upon DC
- Data exchange between university libraries and Die Deutsche Bibliothek
- Developed with project „Dissertationen Online“
- Reviewed by the library service centers

MetaDiss (2)

- Currently based on HTML 4.0
- Mandatory information
 - i.e.: title, author, date of oral exam
- Optional information
 - i.e.: additional title, abstract etc.
- Information are partial repeatable

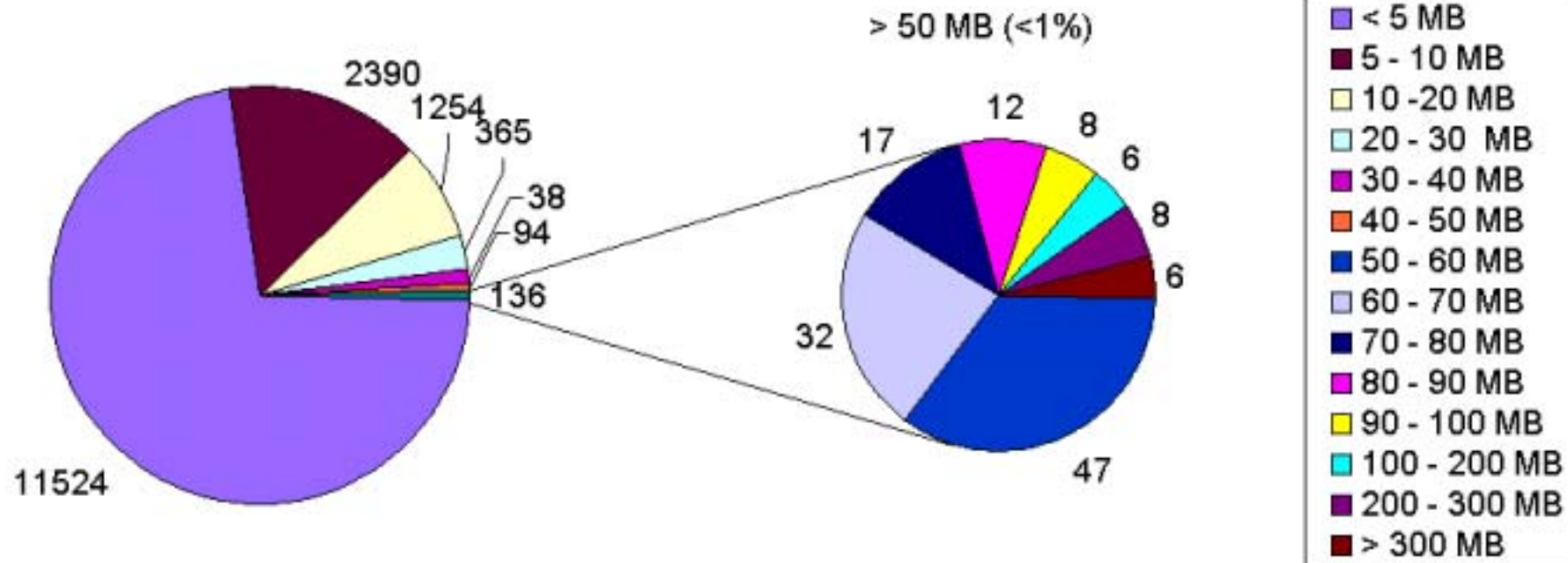
Example: MetaDiss

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML//EN">
<HTML>
<HEAD>
<META http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<META NAME="DC.Title" LANG="ger" CONTENT="Mobilit&auml;t und
Karriere in der VR China ">
<LINK REL="SCHEMA.dc"
HREF="http://purl.org/DC/about/element_set.htm">
<META NAME="DC.Title.Translated" LANG="eng" CONTENT="Mobility
and career in the People's Republic of China ">
<META NAME="DC.Creator.PersonalName" CONTENT="Tagscherer,
Ulrike">
```

„practicable documents“

- XML/SGML for archivierung and retrieval
 - Presentation formats, like pdf or html can be generated out of XML/SGML

Number of online dissertations and size of files; May 2003
about 16.000 dissertations (90 GB disk space)





„practicable documents“

- XML/SGML for archivierung and retrieval
 - Presentation formats, like pdf or html can be generated out of XML/SGML
- Size of documents
 - Prefer vector graphics
 - Lower resolution of pixel graphics
 - Download of 50 MB with 64KB/s ->2hours
- Generation of metadata for documents



Questions?:

Thanks for your attention