

Free access

Paris

23./24. January 2003

The role of libraries in history – three snapshots

- Alexandria
- Heidelberg
- Goettingen

Alexandria

- When was it destroyed?
- Lifetime of papyrus
- Library infrastructure

Heidelberg 1

- Marsilius van Inghen
- LUDWIG III
- University library
- Holy ghost church
- University as selfsufficient information provider for teaching and reseach

Heidelberg 2

- Humanism
- Ottheinrich (1556-1559)
- *50 guilders at every Frankfurt fair for new books*

Heidelberg 3

- Commelinus using the manuscript collection as printer-publisher
- Gruter as librarian editor of manuscripts

Goettingen 1

- Library as fundament of the modern reseach university
- Heyne – every book what shows the progress of Knowledge
- Starting point of modern librarianship: wordwide acquisition program, systematic order, alpabetic index

Goettingen 2

- **Goethe-** *I did not get only what I wanted, the librarians provided me additional titles I did not know before*
- The library – context not only content
- Grimm- The library – fundament of the glory of the faculty

The concept of the modern research library

- Choice –take the best research material from all over the world
- Pay-collecte the financial power of institutions (eg universities) for acquisition of publications
- -Libraries as the financial fundament of reseach publishing
- Access – give free access for the library patrons and the reseach community via interlibrary loan
- Archiving – provide access and service for recent and future generations of reseach workers

Library of the future librarians and (legitimate) users dream

- All you need –local holdings & ill
- All as you need it – print and electronic
- All at every time – 24/7/360
- All where you need it –secure networks,
legitimate users
- More as you have known before
- – deep web, cross linking

Retro-digitization

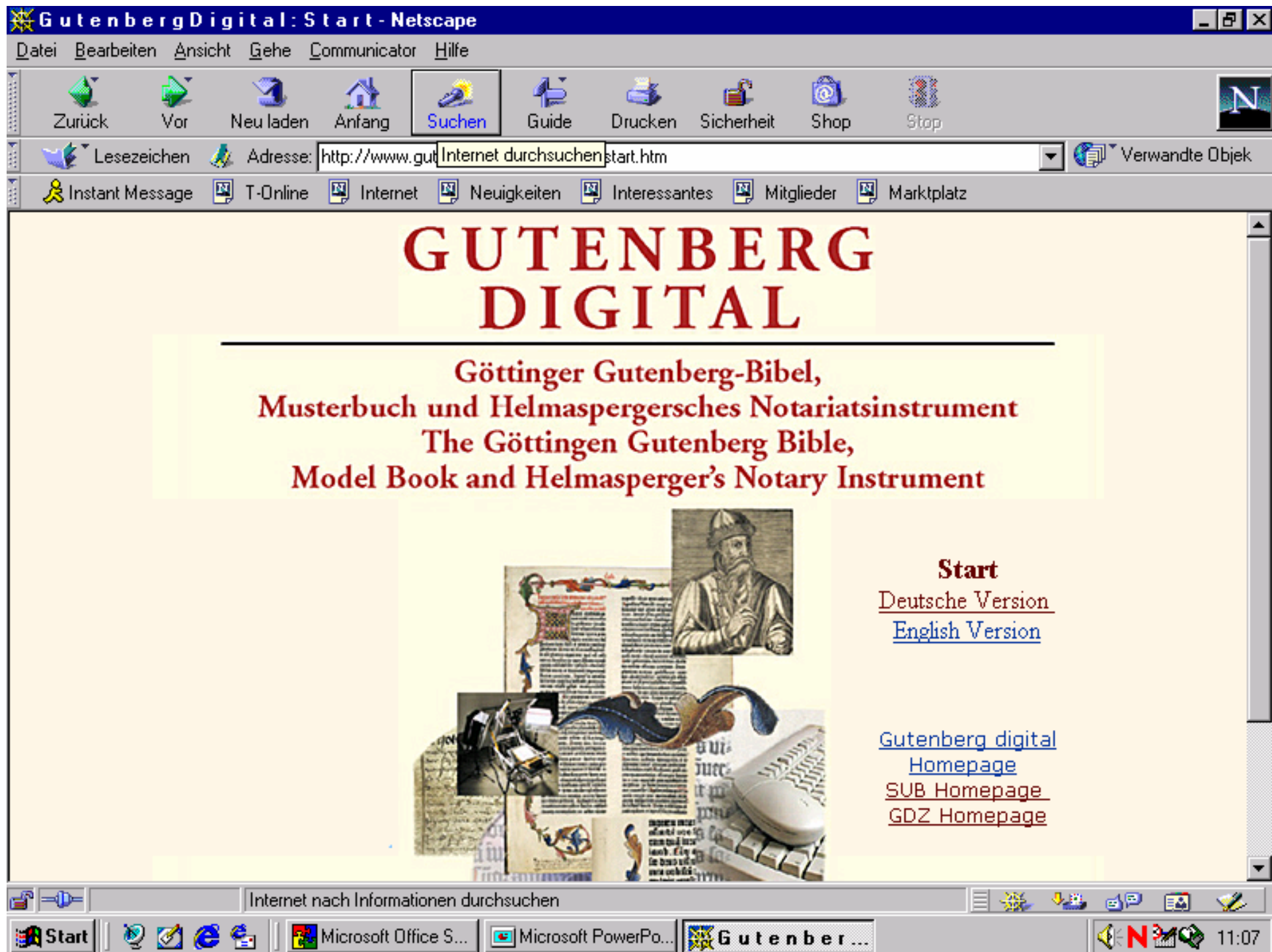
→ Image

→ Improving access and
availability

problem of choice
cultural heritage

<http://www.gutenberg.digital.de>

research material



Cooperative digital collection building of

- libraries
- heritage institutions
- international cooperation

Journal digitization

Jstor

DIEPER

Digizeitschriften

Publisher

Copyright

→ 1925 copyright free

→ 1995 time of doubt; the author as
copyright owner of electronic
copyright

1996 → the publisher as owner of
electronic copyright

DIEPER: ask copyright owner

Elektra: ask authors

Digizeitschriften: contract with publisher
and collecting society

Publishing marketplace

- Big players
- Small publishers
- Consortia
- Public library of science

Copyright

Situation after the WIPO-treaty and the
European directive

Strengthening of the position of the
publisher

Licensing as key for access

Free lunch-4* dinner every day
pay - but reasonable prices

SPARC SPARC-E

- –build a more competitive market
- -develop alternative communication schemes

Alternative publishing schemes and business models

- Self archiving
- Research community server
- Local repository
- Financing of publication via authors fee

Internet

- Communication
- Publication

E-university communication and publication system

- Private – my papers, my library
- Intranet- course material, papers of faculty
- Internet- eprints of faculty (freely accessible), -peer reviewed material of the faculty and the students (eg dissertations)

Libraries and free access material

- Link
- Longterm access
- --via download or mirroring
- --via shared longterm archiving

Copyright aspects

- Libraries need :
- The right to make archiving copies via
- -international (EU) and national law and/or via
- -acceptance by the authors

Archiving

- Longterm preservation
- Permanent access

Organisational aspects

- National Libraries
- Specialized Research Libraries
- International cooperation
- --eg mathematics - DML
- EMANI: Cornell, Goettingen, Shinghua-Beijing, France

Publishing as distributed system

- university server
 - pre-prints
 - papers from journals for local access
- learned society or research community server
 - pre-prints
 - peer reviewed articles/journals

The role of the Publisher

- -added value publications
e.g. aggregating peer reviewed articles
(„journals“)
- partly in cooperation with
- - universities and
- -learned societies

LIBER

Ligue européenne des bibliothèques de recherche

- Umbrella organisation: SPARC-Europe
- Promotion of OAI
- --Conferences in Geneva (CERN) 2000 and 2002
- --Promoting new quality schemes like
personal insted of journal oriented impact factors
ore usage insted of citation oriented
impact factors

Libraries as world wide infrastructure

- for the standardized communication -, information- and publishing-system of the future
- Providing short and longterm access to all kind of materials
- Allowing access for free to their patrons and in cooperative networks for the reseach community
- in cooperation with reseachers, universities, learned societies and publishers

Thank you for your interest

Elmar Mittler

mittler@mail.sub.uni-goettingen.de

<http://www.sub.uni-goettingen.de>