

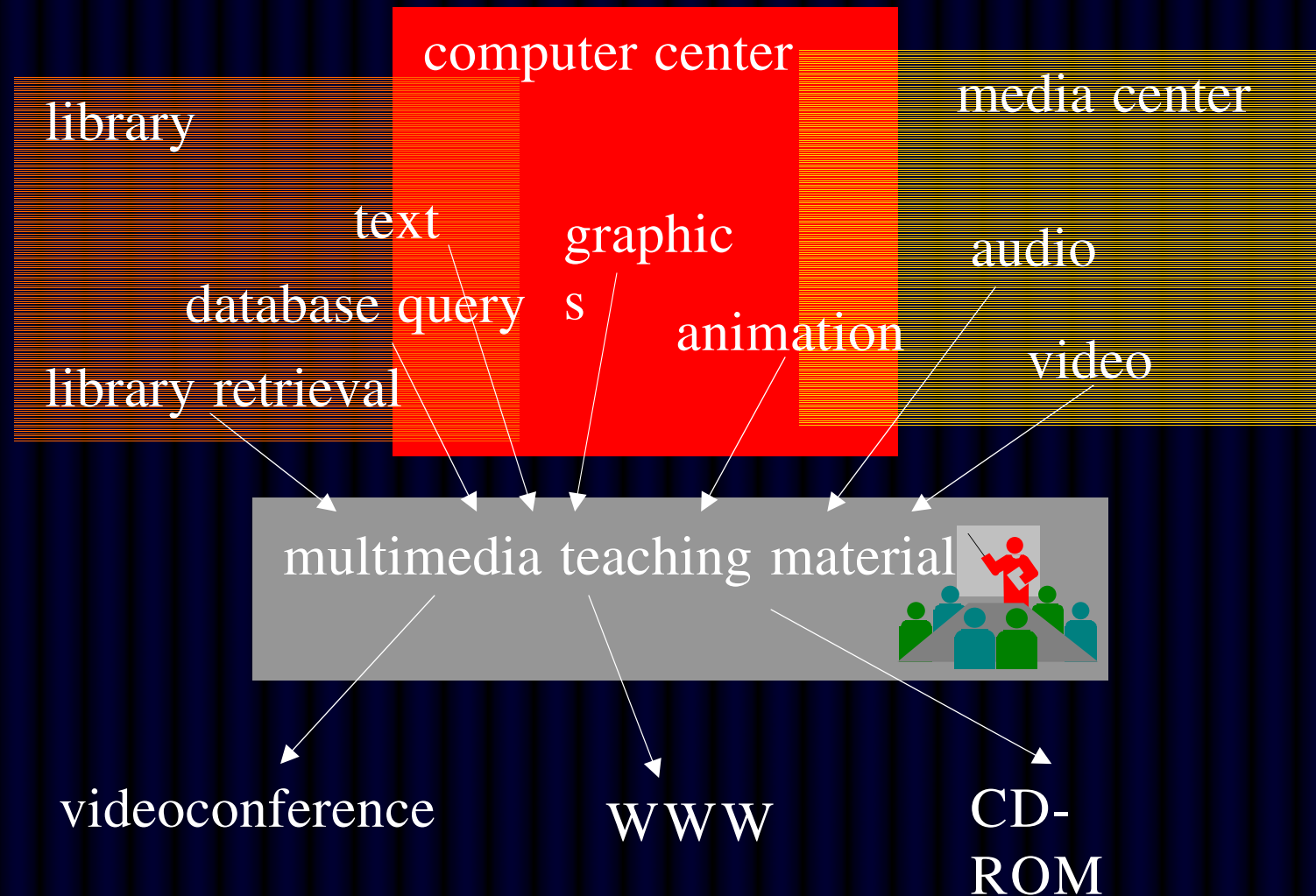
Combining the services of libraries, computer centers, and media centers

Problem description

Activities at German universities

Situation at Humboldt-University

Problem description



Traditional tasks

Library

Acquisition, storage and delivery of – in most cases paper-based – literature

Computer Center

Offer compute-power and storage-capacity

File- and archive-service

Organize computing infrastructure

Media Center

User support and production of audio-visual – in most cases analogue – research and teaching material

Service for audio-visual equipment

New and additional tasks

Library

Acquisition, storage and delivery of electronic documents

Access to electronic information systems

Computer Center

Management of the university network and access to the internet

Access to electronic information systems like WWW, data bases ...

User support in the field of visualization, animation of numerical data

Video-conferencing

Media Center

User support and production of digital audio-visual research and teaching material

Expectations and requirements of scientists

Computer-added

from PC up to high performance computer

Multi-medial

paper, electronic documents, audio- and video-materials

Direct access to world-wide knowledge

Libraries, databases, WWW, ...

Electronic communication

e-mail, video-conferencing

Independent of location

university, at home

Activities at German universities

German Library Association (DBV Deutscher Bibliotheksverband)

Society of Centers for Communication and Information Processing (ZKI Zentren für Kommunikation und Informationsverarbeitung)

Association of Media Centers at universities (AMH Arbeitsgemeinschaft der Medienzentren an Hochschulen)

Common workshops

since 1992 (DBV and ZKI), since 1997 with AMH

1998: Information-Infrastructure in Changing – Challenges
for the Universities and their Information- and
Communication-Centers

www.tu-dresden.de/agbibrz/

1) The impact of universities and colleges, not only on research, but also on education, will increasingly be evaluated in a setting of national and international competition. To a large extent, the success of individual universities and colleges will depend on their capacity to utilize new technological structures for the advancement of scholarly information and communication.

2) The development of new information infrastructures is an ongoing process. In the course of this process, reliable investments in computing-, media- and communication technology are essential. It is our primary objective to establish new structures of organization and collaboration among central infrastructural institutions and institutes.

...

4) At every university and college we need to establish centers of information management that also incorporate the individual institutes. The universities' executives, institutes and central institutions need to lay down guidelines for the development and deployment of information communication and multimedia at German universities.

...

10) A networking that rapidly increases in capacity and efficiency does not only enable but also requires an unprecedented degree of regional and interregional collaboration among infrastructural institutions.

DINI21 – organization

German Initiative of Networked Information for the 21st century (Deutsche Initiative für Netzwerkinformationen für das 21. Jahrhundert)

founded in Jan. 1999 by DBV, ZKI, AMH and Initiative of Information and Communication of the German Learned Societies (IuK Initiative der Fachgesellschaften)

DINI21 – primarily objectives

Initiation and intensification of regional and nation-wide collaboration

Creating recommendations for efficient information services and communication networks in and between universities

Structuring and construction of networked digital publication possibilities

Development of archiving services

Dissemination of good experiences (best practice)

DINI21 – major topics

Multimedia-applications

(production, development of tools, ...)

Network-based Education

(infrastructure for distance education)

Questions of law

(Copyright, authentication)

Common accounting and services

(identification, access-rights, ...)

Recommendations and standards for electronic publishing

Humboldt-University

34.500 students

3.900 employees

11 faculties

University-library

22 department-libraries, 5 Mio. books, 1200 user-desks

Computer center

Support for 5.000 PCs, 600 Workstations, 130 LANs; 100 public computers for students

Media center

part of the computer center since 1998; video-service, digital photography, ...

Humboldt-University

The faculties of mathematics and natural sciences will move in the next 5 years from Berlin-Mitte to Berlin-Adlershof

Information and Communication Center
Adlershof (IKA, 2002)

New concept for the campus in Berlin-
Mitte

Communication between both parts:
video-conferencing, tele-teaching, ...



IKA

Consulting and Competence Center for computer software, internet usage and library research.

- Common reading and computer desks.
- Video cutting places.
- Rooms and places for videoconferencing
- Communication regions
- lecture halls



IKA in detail

Ground floor

1st floor

2nd floor

3rd floor

And in Berlin-Mitte?

Rebuild the main library building

First address for everyone who wants information services

180 reading and computer desks

Book and journal issue desks

Computer user consulting desk

Multimedia education rooms

Videoconferencing rooms

The change of information infrastructures is a *duty, challenge* and *chance* for the service institutions.