DIGITIZATION AND LONG-TERM PRESERVATION AT THE BAVARIAN STATE LIBRARY

Digitization of historically valuable and research-relevant collection
Cataloguing and post-processing of internet publication and facsimile projects
More than 10 million pages in the Digital Collections
Development and support of subject gateways
Professional data management and storage
Long-term preservation of electronic media

PILOT PROJECT

Start: Juli 2005
Funded by: German Research Foundation (DFG)
Funding period: 2 Jahre
Partner: Leibniz Computing Center Munich
E-Mail: langzeitarchivierung@bsb-muenchen.de
Internet: http://www.bbs-muenchen.de
THE DIGITAL LIBRARY OF THE BAVARIAN STATE LIBRARY

The Digital Library unit (Munich Digitization Center) of the Bavarian State Library is concerned with the digitization, cataloging and making available of library collections via the internet, with the development of subject gateways, and with the long-term archiving of electronic media of various origin.

High-quality book scanners for all established media and formats allow a professional digitization that yet treats the historically valuable books with all possible care.

If required by the customer, scans from almost the entire library collection will be produced.

Besides mass digitization, special digitization projects are undertaken in cooperation with other institutions in- and outside higher education and hosted on the web servers of the Bavarian State Library, if desired.

INTERNATIONALE STANDARDS

The bibliographical cataloging and structural indexing of the data follows international standards like DC and TEI. For long-term archiving, METS and PREMIS are used in particular.

This guarantees interoperability and makes the exchange of metadata on a national and international level feasible.

The Digital Library cooperates with numerous research institutions in digitization and long-term archiving and gives technical and methodological advice.

With its holdings of more than 10 million pages, the Bavarian State Library is one of the largest digital archives and one of the fastest growing digital collections in the German-speaking area.

http://www.digital-collections.de

LONG-TERM PRESERVATION AT THE BAVARIAN STATE LIBRARY

The Digital Library of the Bavarian State Library has occupied itself with long-term archiving since 1999.

On a national level, it participates in the Network of Expertise in Long-Term archiving of Digital Resources nestor, of which it is also a founding member.

Together with the Leibniz Computing Center, the Digital Library runs one of the largest electronic archives in Germany.

At present, the archive contains an overall amount of 25 terabytes of data (more than 12 million files, January 2007).

This data stock is growing continuously - every month, several thousands of files are added.

STATE-OF-THE-ART TECHNOLOGY

State-of-the-art technology with fast data lines and tailor-made software solutions make an efficient and largely automatic archiving as well as the speedy making available of the data possible.

SAFEKEEPING

The Leibniz Computing Center is the Bavarian State Library’s IT partner and has an excellent international reputation.

Modern high-capacity storage systems are used for the safekeeping of the data.

REDUNDANT STORAGE AND A CHANGE OF DATA CARRIERS AT REGULAR INTERVALS GUARANTEES ITS LONG-TERM PRESERVATION.

Through an active participation in the Network for Expertise in Long-Term archiving of Digital Resources, the Bavarian State Library enjoys an excellent national and international reputation.

http://www.babs-muenchen.de

LONG-TERM ARCHIVING AT THE BAVARIAN STATE LIBRARY PILOT PROJECT LIBRARY ARCHIVING AND ACCESS SYSTEM

Since July 2005, the Digital Library has been working on an extension of its long-term archiving infrastructure.

In a two-year pilot project funded by the German Research Foundation, a Library Archiving and Access System for the archiving of internet publications is developed.

The main focus is on the Bavarian State Library’s special subject collections: History, Ancient History and Classical Philology, Eastern Europe, Music and Bavaria, as well as on the electronic publications of regional publishers and public authorities.

The collection comprises heterogeneous and complex data from various sources.

Project Aims

Experimental data collection and testing of archiving methods and preservation strategies.

Development of data management workflows in the library and in the computing center.

Modular build of a technical infrastructure with object collection, metadata generation, archiving and making available procedures.

Integration of operational technical modules.

Drawing up of agreements for the handing over, storage, cataloging and (controlled) making available of data in cooperation with the producers.