



»Leibniz« - a project to make non-fiction publications accessible

Authors: Dr. Thomas Kahlisch, Julia Dobroschke
German Central Library for the Blind Leipzig (DZB)

Phone: +49 341 7113 150
Fax: +49 341 7113 125
Internet: www.dzb.de | www.kahlisch.de
Email: thomas.kahlisch@dzb.de, julia.dobroschke@dzb.de



Overview

motivation

Production at DZB

Projects at DZB

»Leibniz« – project objectives

»Leibniz« – project concept

»Leibniz« – project workflow

»Leibniz« – cooperation and
networking

conclusion





Motivation

- three years project
- supported by the German government (»Bundesministerium für Arbeit und Soziales«, the Federal Ministry of Labor and Social Affairs)
- DZB is developing software tools and a workflow
- transform typesetting data semi-automatically into formats suitable for persons with print disabilities
- In collaboration with Libreka! Ebook platform

Production at DZB

- 9,000 users borrowing about 32,000 materials (DAISY-books, braille books, relief, large print)
- 350 titles a year are produced
- 20 magazines produced in Braille or DAISY
- only two percent of new books released in Germany are professionally edited for visually impaired people

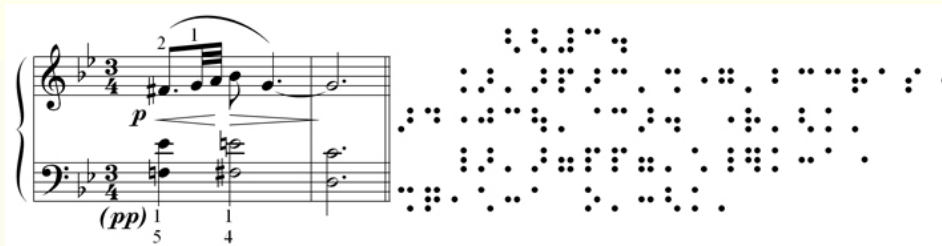


Building of DZB



Projects at DZB

- popular project »DaCapo«: converting sheet music into Braille music notation and retransferring it
- project »LOUIS: Leipziger Online-Unterstützungs- und Informationsservice«: web accessibility, how to communicate without barriers and to provide assistance with questions
- latest project »Leibniz«: conversion of none-fiction publications into accessible formats
- for blind and partially sighted people in job training and academic environment





»Leibniz« – project objectives

- IT development
- (semi-) automatic conversion of typesetting data
- Cost-effective and fast production in high quality
- Individual accessible formats like Braille, large print and DAISY



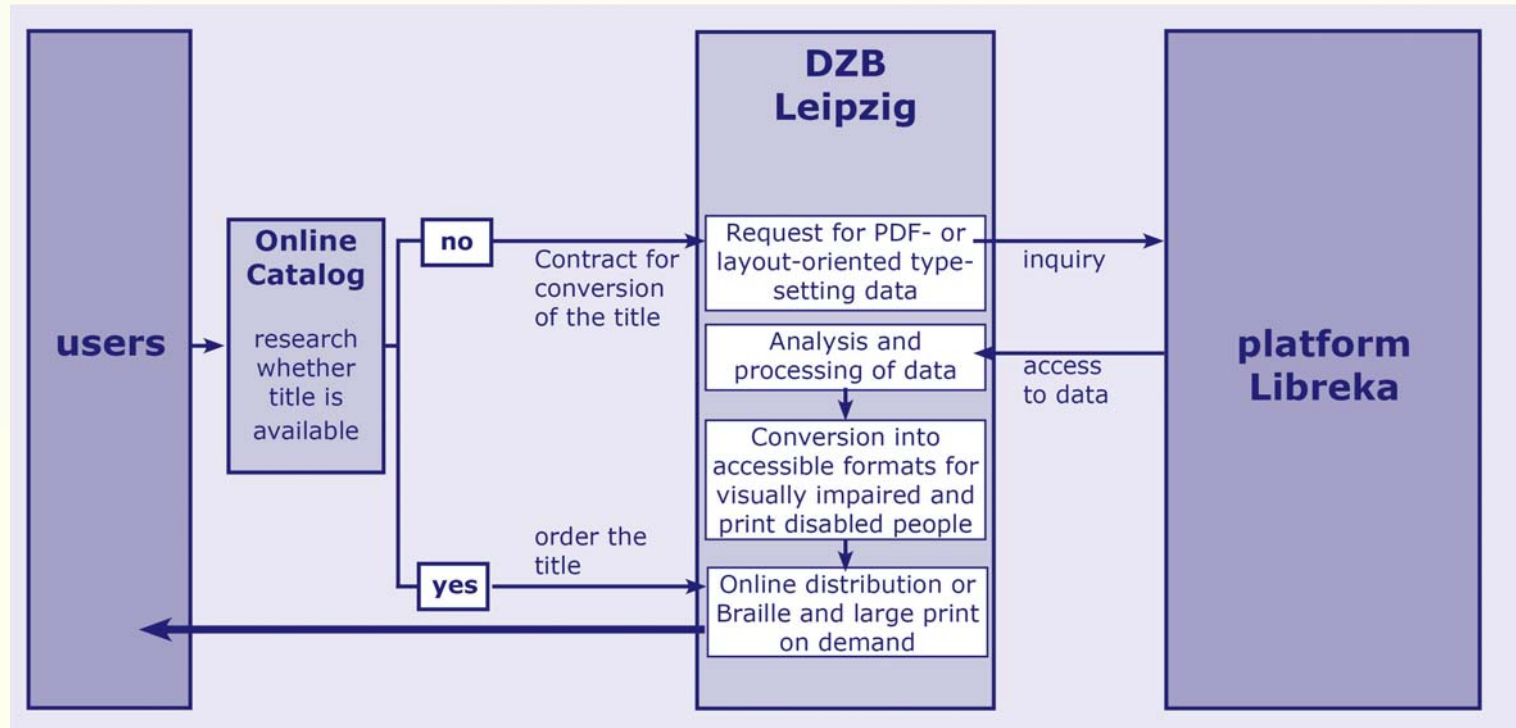


Leibniz« – project concept

- developing individual transformation services of non-fiction reading materials for blind and partially sighted people
- implementing library services for online and media distribution of Braille, DAISY and large print books
- collaboration with commercial publishers and Libreka! to improve access to information for people with print disabilities.



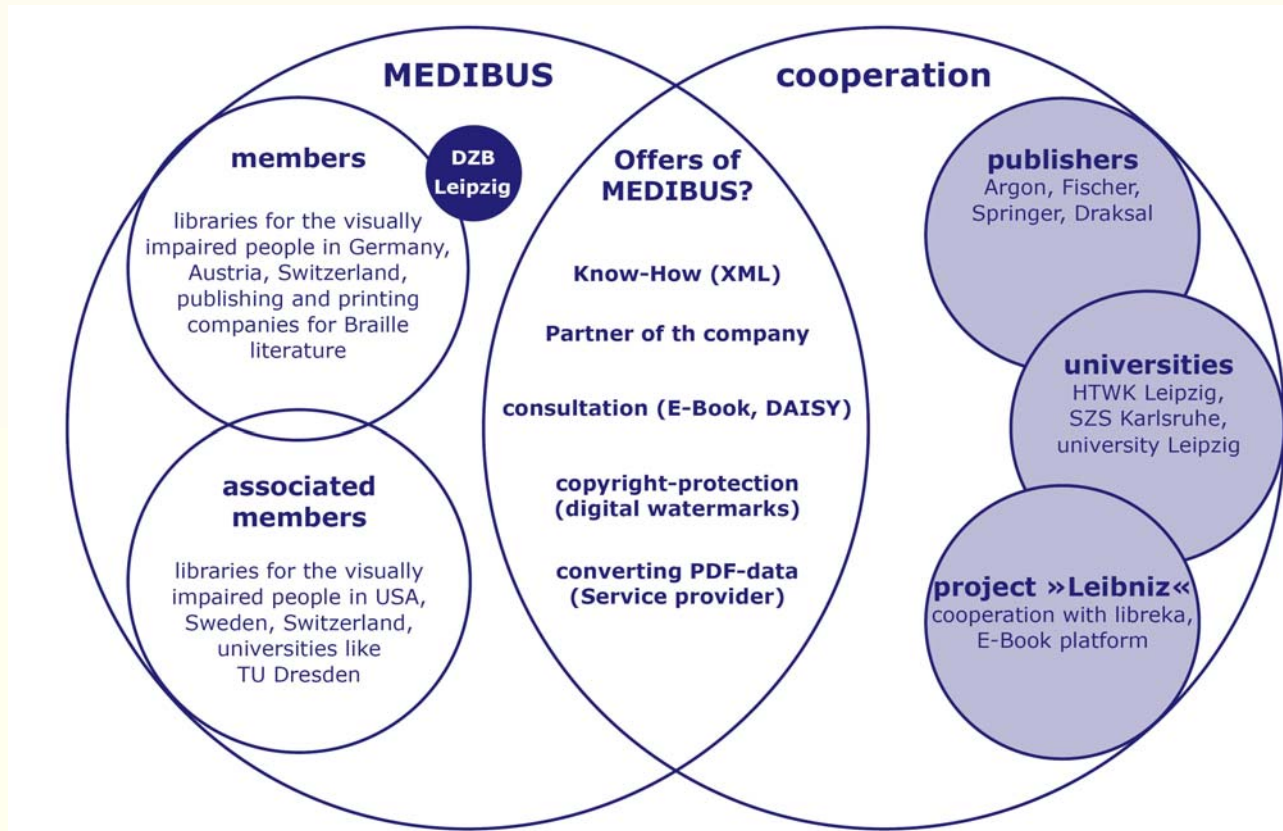
»Leibniz« – project workflow



- research by online-catalogue
- order the title online or title conversion has to be obtained
- analysis and processing of data
- conversion into accessible formats
- Book is provided for users in individual formats



project »Leibniz« – cooperation and networking



- efficient conversion of PDF data into accessible formats
- support the book branch by consulting for players
- discussing new models of distribution
- sharing know-how in XML-technology



Conclusion

- Project improves access to non-fiction literature in different formats for individual needs
- Project in cooperation with commercial publishers and platforms
- Project results can be integrated into the development of the global library project



Thank you *for your attention!*

Visit us!

German Central Library for the
Blind Leipzig (DZB)
Gustav-Adolf-Straße 7
04105 Leipzig

Telefon: 0341 7113-0

Telefax: 0341 7113-125

E-Mail: info@dzb.de

Internet: www.dzb.de

