



Dynamic Designer



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

Multimodal Enhancements and Distribution of DAISY-Books

DAISY 2009

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September 25, 2009

Outline

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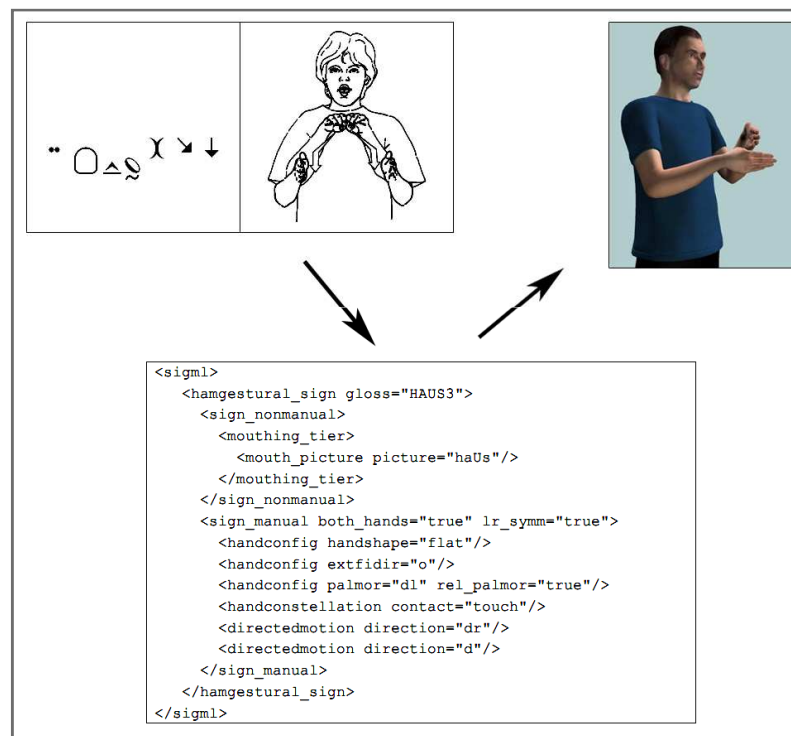
Motivation

1. Enhance DAISY to support more target groups besides the blind and visually impaired
2. Develop a flexible player with personalizable user interface
3. Stream contents

Design - for - All

Related projects

1. Link-It
2. E-SIGN
3. Minority Cube



Enhancements of the DAISY Standard

- 1. Videos as primary source (DAISY Videos)**
- 2. Sign language videos and SiGML**
- 3. Simplified language in text and audio**

The DAISY Web Player

- Built on Adobe Flex
- Web-based
- Successfully tested
- Support for DAISY 3 Books
- Support for DAISY Videos, Sign language, SiGML, Simplified language
- Integrated self-voicing, self-signing
- Real-time streaming via RTMP
- Synchronization of multiple streams
- Highly adaptable user interface
- Customizable by user profiles



Demonstration

The screenshot displays a web browser window with the following elements:

- 1**: Menu bar (Datei, Buch, Steuerung, Navigation, Einstellungen, Hilfe)
- 2**: Video player controls (play, stop, next, previous, volume, full screen)
- 3**: Search and navigation icons (magnifying glass, home, back, forward)
- 4**: Sign language video window (Language Video)
- 5**: Text area with yellow background (Erwin Huber war der Ministerpräsident...)
- 6**: Article title and sub-header (Politik - Inland: Finanzminister Huber gibt wegen BayernLB auf)
- 7**: 3D avatar of a man in a blue shirt

Outlook

- **Startup BGB: Dynamic Designer**
- **Supported by the DAISY Consortium and the German Central Library for the Blind**

- **Current developments:**
 - Speech and gesture control
 - Preparations for DAISY 4

Thank you!

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