

Media

Die Linguwerk GmbH beschäftigt sich, inspiriert von eigenen Produktentwicklungen, mit der Gestaltung von Mensch-Maschine-Interfaces und der Vermittlung von Inhalten durch neue Medien. Unsere Kernkompetenzen sind dabei:

- Infotainment
- Smartphones und Tablet-PCs
- Mensch-Maschine-Interfaces
- AAL-Systeme
- Interaktive Lehrmedien
- Entwicklung von Kindergeschichten
- Medienbezogene Marktanalyse



Die Linguwerk GmbH ist als Technologieunternehmen kompetenter Partner, Hersteller und Dienstleister in den Bereichen Signals, Technology und Media. Ob es um klassische Technologieprodukte, Zukunftstechnologien oder um die Erarbeitung von maßgeschneiderten Lösungen geht, wir stellen uns mit Erfolg jeder Herausforderung.

Linguwerk GmbH is a competent partner, manufacturer, and service provider in the fields of signals, technology, and media. We successfully face every challenge whether it is a classic product, future technology or creating custom challenges.

Kontakt

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Media



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Media

Linguwerk GmbH designs human machine interfaces and transmission of content using new media. We are inspired by our own product developments. Our core competencies are:

- Specific solutions for consumer electronics
- Mobile devices
- Human machine interfaces
- AAL systems
- Media for children and teaching
- Development of children's stories
- Media-related market analysis

SELECTED REFERENCES ►



MEDIA APPLICATION

AUTOMOBILE SUPPLIER | INFOTAINMENT SYSTEM

Long-term project for implementing speech dialog software for an infotainment unit in an automobile. Drafting of an interface for connecting a speech dialog system and integration of text-to-speech (TTS), automatic speech recognition (ASR), and dialog management software.

C++, SVN, QNX, ARM

TELECOMMUNICATIONS PROVIDER | MEDIA SEARCH

Development of a software tool with GUI which searches for a statement given by the user in a video database. The video clips found are played in a media player in the GUI.

C++, Qt (Phonon), Linux

MEDICAL SOFTWARE MANUFACTURER | MEDICAL WEB SERVICE

Development of an interface which records and processes external medical services. Windows services were programmed which enter data into an ERP System by a web service and register jobs in a database (GUI connection).

C#, .Net 4.0, MS SQL

SMART HMI

LINGUWERK GMBH | SMC – SOFTWARE FOR DIALOG DESIGN

Development of a graphical input language for the design of speech dialogs in educational media. Implementation of graphical language in dialog design software in which an HMI designer can describe dialogs in the form of state graphs. The software compiles the graphical sources in a binary dialog description format.

C, C++, Qt, Shell, SVN

TELECOMMUNICATIONS PROVIDER | TTS ON MOBILE PHONES

Porting a text-to-speech (TTS) system from a resource rich platform to a mobile platform. Porting steps include: floating point to fixed point arithmetic or reduction of memory and CPU requirements (extreme resource optimization).

C, lint, ARMulator, Speech synthesis (TTS), ARM9

LINGUWERK GMBH | INTERACTIVE LANGUAGE TEACHING MEDIA

Speech dialog system for use in a playful learning medium. Teaching content and forms are suitable for children. Development of embedded speech technology for speech HMI. Can be implemented on smart end devices.

C, C++, Matlab, Visual Studio, VisualDSP++, Latex, Blackfin DSP BF52x, µC PIC32, Linguwerk SMC, Android, Java