We research, investigate and develop new technologies for digital audiovisual media. Together with our shareholders ARD, ZDF, Deutschlandradio, ORF and SRG/SSR and international partners, we work on innovations and practical solutions in the rapidly changing media environment.

Do you love to experiment? Do you like to work on new technologies and want to bring in your own ideas? Then join our team of experts and write your

Bachelor Thesis
on the topic „Evaluation of audio and video analysis systems for automated keyword generation“

Traditionally decoupled systems in all areas of the media world (idea, conception, production and archiving) must be connected in order to meet today’s requirements of media consumption. This is the goal of the research project “dwerft-2 (www.dwerft.de).

In order to make audiovisual content attractive and findable both for the end user and for editors, the existence of precise catchwords is essential. Since the manual creation of keywords is expensive, the analysis and evaluation of the current state of technology in the field of AI-supported media solutions is a promising option. The aim of your thesis is to test the audio and video analysis tools available on the market for their applicability to the automated generation of keywords and to evaluate their results (in combination with existing natural language processing tools) qualitatively.

What you bring:
- Field of study: computer science, media technology or comparable field of study
- Good knowledge of web technologies like JavaScript, HTML5 and Angular
- Team spirit with a commitment to responsibility
- Good communication skills in German and English

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