

Partners

The *Semantic Media Explorer* is developed in the project *mediaglobe*.

Taking media archives into the digital future, the *mediaglobe* project aims at providing digital availability and usability for the growing stock of audiovisual documents concerning German contemporary history. The vision pursued by *mediaglobe* is a web-based access to the comprehensive digital AV content compiled in media archives. *mediaglobe* is promoted by the Federal Ministry of Economics and Technology within the framework of the research programme *THESEUS - New Technologies for the Internet of Services*.



Cooperation of economic and scientific partners started in September 2009:



Contact

Hasso-Plattner-Institute
for IT Systems Engineering
Dr. Harald Sack
Postfach 900460
D-14440 Potsdam

Phone +49 (0331) 55 09 - 0
Web hpi.uni-potsdam.de/meinel/forschung/future_internet/semantic_technologies.html
Email harald.sack@hpi.uni-potsdam.de

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SEMEX

Semantic Media Explorer

Structural Video Analysis

Semantic Video Search

New Search Experience





The Semantic Media Explorer

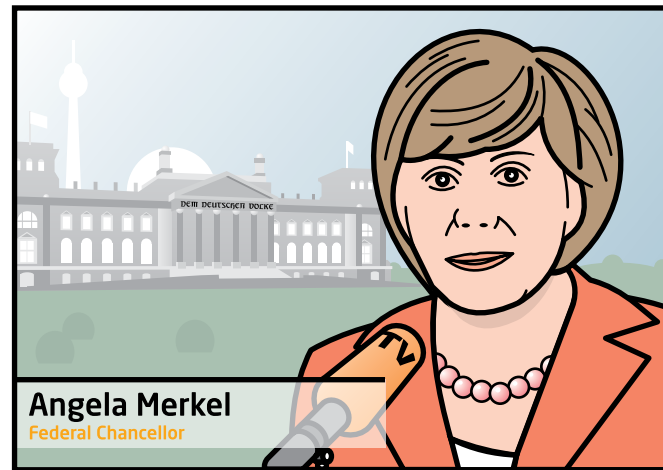
The amount of multimedia content on the World Wide Web is growing rapidly. To manage and organize this content new technologies are required. One example of such technologies is the semantic multimedia search.

Semantic multimedia search offers an efficient way to access this growing amount of data. Automated processes for semantic analysis of audiovisual content provide the solution to the current problem.

The Semantic Media Explorer combines state-of-the-art media analysis procedures, such as automatic scene segmentation, intelligent character recognition, and the ability to detect genres and faces in videos.

As a result, the Semantic Media Explorer provides optimal access to video content. This new kind of multimedia search offers users enhanced support with semantically enhanced metadata and intuitive user interfaces. The information extracted via the media analysis is correlated using semantic information so that users can identify new links and rummage around in the multimedia content.

Automated Media Analysis



Angela Merkel: "Today in Berlin we have seen that with a modern..."

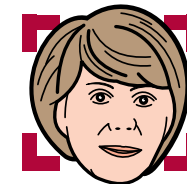


- Merkel
- Chancellor
- Interview
- Reichstag
- TV
- News
- Berlin
- Bundestag
- +

Genre Detection



Face Detection



Video OCR



Speaker Detection & Audio Analysis

Structural Video Analysis

Named Entity Recognition



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