

Audio Extraction Service

Overview

To support feature extraction services that need audio file(s) at their input, this service for audio extraction handles AV content which is not delivered with separate audio essence.

In depth description

The core of the service builds the FFmpeg³ transcoder, which demultiplexes the audio track from the audio visual essence and transcodes it to a mono wave file with a 16kHz sample rate. The service also handles the download of video files and the upload of the generated audio files from and to the storage.

The service is provided with a FIMS⁴ interface based on the FIMS transform media interface definition v.1.0.7.

Potential fields of Application

The service can be applied in all media production workflows, in which feature analysis services are running which need audio at their input.

Possibilities for exploitation

The service is available as a working prototype. It will be used as part of the MPMF demonstration system to support IRT's consultancy in the field of SOA systems.

The software may be licensed, where license agreements are to be defined on a bilateral basis. Adaptation of the software may be required to integrate it in a specific production workflow.

Further Information

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³ <http://www.ffmpeg.org/>

⁴ <http://www.fims.tv/>