Breaking the Speech and Language Barrier in Media

EU-BRIDGE @ IBC 2014: Invitation to the Demo-Session (room F005, Sep. 12 & 13)

Bridges Across the Language Divide (EU-BRIDGE) develops automatic transcription and translation services that facilitate the development of innovative products and applications that require language technologies. Results are high performing speech translation technology and more cost effective media transcription and translation systems developed throughout the project in a commercial setting. EU-BRIDGE is a European Intergrated Project within the 7th Framework Program.

Explore EU-BRIDGE's demos as examples of the services that can be provided at IBC:
- Automatic Captioning of BBC Weatherview
- Multilingual Subtitling of Euronews
- Interpreter-Support: Preparing for Specific Terminology
- Simultaneous Translation of University Lectures
- Automatic Translation of Voting Sessions

Where: Room F005 (in the press zone):
When: Sept. 12 & 13, all day, just stop by….
Or give us a call under +49 162 27 78 790 and arrange your special session.

What we show in detail:
Automatic Captioning of BBC Weather
The EU-BRIDGE project has conducted research into creating focused ASR Engines – with the intention of creating extremely accurate captions for specific genres of content. The first of these is the BBC Weather engine; these provide more accurate transcription compared to typical speaker-independent ASR engines, reaching levels of accuracy that will require little human correction prior to transmission to the viewer.

Multilingual Subtitling of Euronews
This off-line demo shows automatic speech recognition output for ten *Euronews* languages; time alignment is at word level with the original video. For some languages the machine translation output is available also; these are time alignment at sentence level.

Interpreter-Support: Preparing for Specific Terminology
A web-based application, that aims to support the interpreter's work by providing easy-to-use terminology extraction and named entity tagging. In addition, the tool provides access to actual parliamentary documents, which the interpreters use to prepare themselves for specific upcoming sessions in their own personal environment.

Simultaneous Translation of University Lectures

The system translates lectures simultaneously in real time from one language into another. The Lecture Translator is already in use at the Karlsruhe Institute of Technology. It enables students that do not speak German to follow lectures at KIT.

Automatic Translation of Voting Sessions

This demo shows some examples of recognized European Parliament voting-sessions along with tagged named entities in different colors.

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