EU-BRIDGE – Four Use Cases

In order to show the benefits from the speech translations services developed in EU-BRIDGE, to prove the feasibility of industry being able to build applications that use the services, and in order to stimulate and foster the development of further applications by other industry partners, the following four use cases will be developed:

Captioning Translation Use Case for TV Broadcasts:

In this use case a service will be developed that will improve the work progress in captioning TV shows and translating these captions into multiple languages. This use case will demonstrate that by using machine translation technology it is possible to reduce the costs for producing subtitles for media content in many languages. Thus, it will be possible to subtitle and translate more media content and make it available to Europe's citizens.

University Lecture Translations:

Using the services developed by EU-BRIDGE, a system for simultaneously translating university lectures will be advanced and will be installed in lecture halls at KIT. This use case will demonstrate how speech translation technologies can be applied in situations in which the use of human simultaneous translators would be too expensive and in this case making university lectures available to a much wider audience, e.g., international students.

European Parliament Translations:

EU-BRIDGE will explore and identify opportunities for applying speech translation technology in the translation process of the European Parliament in cooperation with the Directorate Generals for Interpretation and Conferences – Support to Multilingualism. Possible application scenarios are for example, those situations in which human translators are not available.

Mobile Devices Communication Translation:

This use case will introduce speech translation technology for mobile communication devices. Depending on the devices used and the mode in which they are being used, translation will be done from speech and will be translated into another language. The result will be output as audio or possibly in text form. This use case will demonstrate how the user experience when using mobile devices in a communication setting can be improved by using speech translation technology and can help to bridge the language divide in day-to-day situations for Europe's citizens.

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EU-BRIDGE – Project Partners

EU-BRIDGE brings together academics, engineering, and business experts in order to create competitive solutions to existing translation, communication, content processing, and publishing needs. Eleven partners from university/research and industrial sectors form the EU-BRIDGE consortium:

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