Listening languages around the world simultaneously

- Multilingual speech identification & recognition technology -

Abstract

We are developing the technology to listen languages around the world simultaneously, composed of 3 components; 1. Intelligent Microphone:

- Separate speech spoken simultaneously, being able to separate up to 7 speakers.
- 2: Language Identification:
- Identify the language of speech precisely using LSTM framework
- 3: Multilingual Speech Recognition:
 - Support 10 languages in Asia-Pacific region, using DNN structure robust for noisy environment.

We are planning to increase the supporting language and applying it to natural speech interface for foreign visitors.



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