

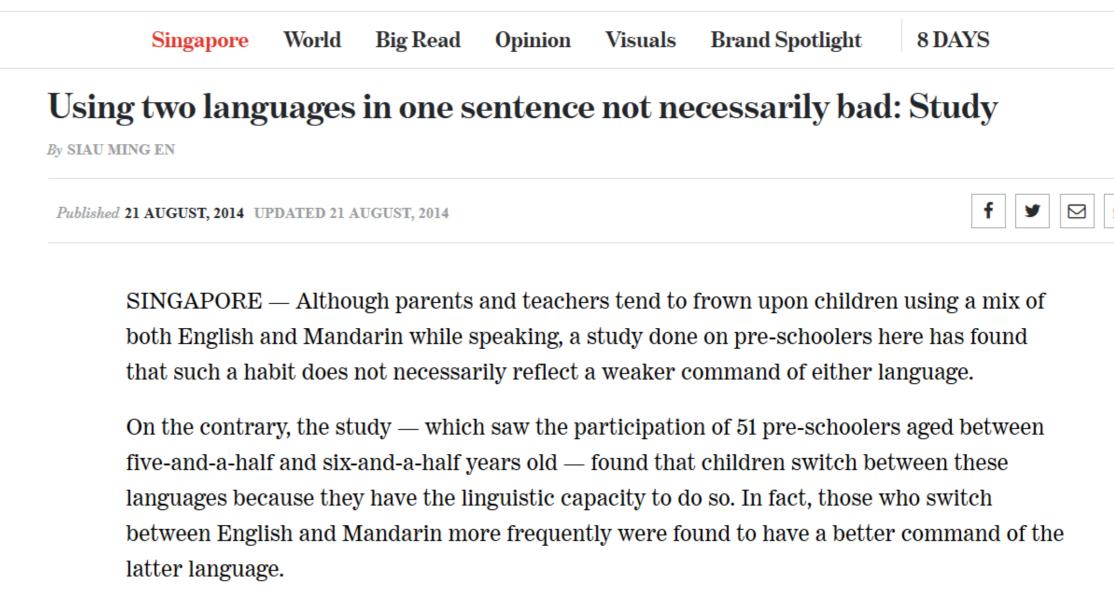
Q

AUTOMATIC SPEECH RECOGNITION FOR CODE-MIXED SINGAPOREAN LANGUAGES

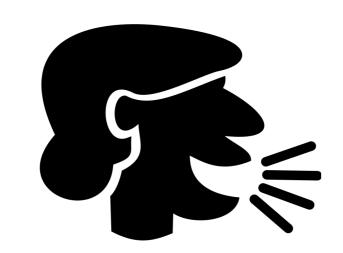
One system that recognizes a mix of two languages* at the same time!

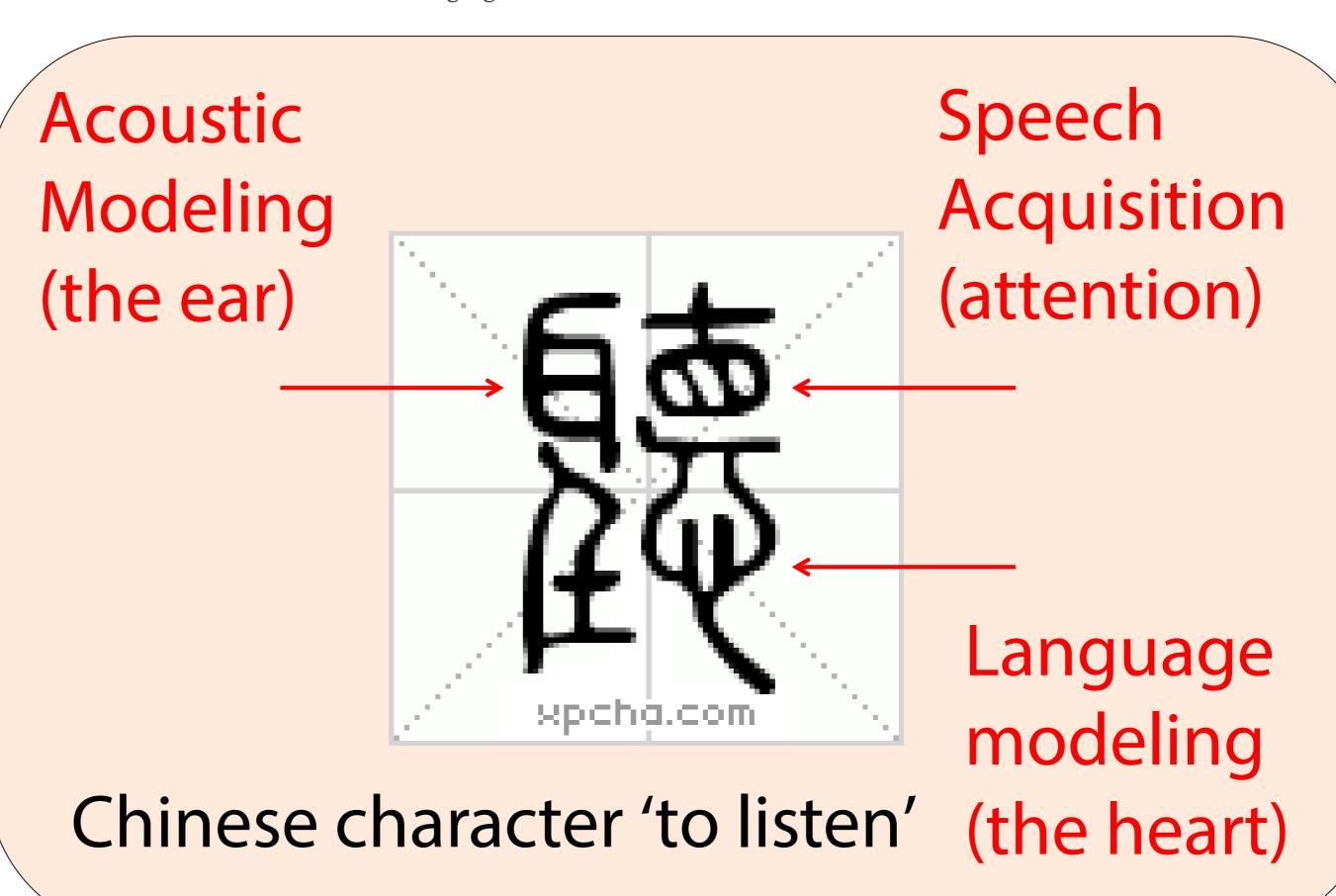


他不喜図重复自己, creative 一点会比図好!



我区 always makan at kopitiam one!





Technologies

- Code-switching speech recognition
- Bilingual acoustic modeling
- Bilingual language modeling
- Bilingual phoneticlexicography

Applications

- Voice-automated call centre
- **Automatic** meeting minuting
- Live speech transcription
- Personal assistants
- Computer-aided language learning



Team: Li Haizhou, Emre Yılmaz, Wang Qinyi

* Lyu et al, SEAME: a Mandarin-English codeswitching
speech corpus in SouthEast Asia, INTERSPEECH 2010