

Master Thesis title / MAL izenburua

Building synthetic voices from Common Voice data

Proposer(s) / Proposatzailea(k): names / izenak

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Description / Deskribapena

Common Voice project makes available for the speech community recordings in a great variety of languages from many speakers. This material can be used to improve the quality of synthetic voices in many different languages. In this master thesis we propose to use the available recording in Basque, Catalan, Spanish and English to improve the current AhoTTS multilingual synthesizer (aholab.ehu.eus/tts). Apart from data curation and development of voices, the student will perform subjective listening tests to assess the improvements.

Goals / Helburuak

Improve the quality of the current AhoTTS synthetic voices.

Requirements / Betebeharrak

Basic knowledge of scripting language and python programming will be appreciated.

Framework / Esparrua

The student will be working with the Aholab team and will have the opportunity to work with the AhoTTS speech synthesis system and develop new voices. He or she will be enjoying the periodical meetings and seminars in a collaborative working environment.

Tasks and plan / Atazak eta plana

- Preparing and curating data
- Development of average voices
- Evaluation of improvements through subjective tests
- Documentation