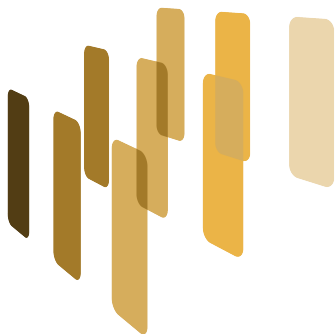




European Language Grid – META-FORUM 2020
Igor Leturia Azkarate (Elhuyar Fundazioa, Spain)

ELG Pilot Project: Basque-speaking smart speaker based on Mycroft AI

- Promoting Basque language in science and technology since 1972
 - Popular science (TV, radio, magazine, web...)
 - Dictionaries (lexical, terminological...)
 - Technical translations
 - Language normalization consultancy
 - ...
- R&D in language and speech technologies: MT, IR, IE, Big Data, ASR, TTS...

- Smart speaker
- Basque-speaking
- Based on open source [Mycroft AI](#)
- Privacy friendly
- Non-gendered
- Local skills
- Using Elhuyar's Basque ASR and TTS (domain adapted)
- Improvement of the state of the art of Basque ASR and TTS



Kaixo!!!



Current state

- Mycroft AI connected to Elhuyar's ASR and TTS
- Basic translation of Mycroft core to Basque
- One skill translated to Basque (date time)
- Tested in low cost hardware (Raspberry Pi)
- Demo videos: [date](#) and [time](#)

