

AUTOMATIC DIARISATION AND BEYOND

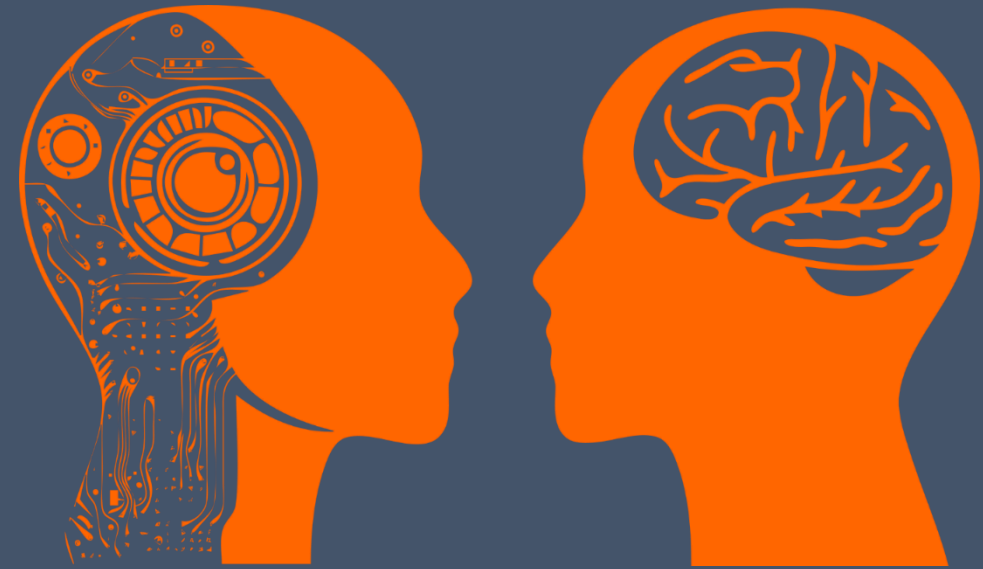
Ed Moman

November 2023

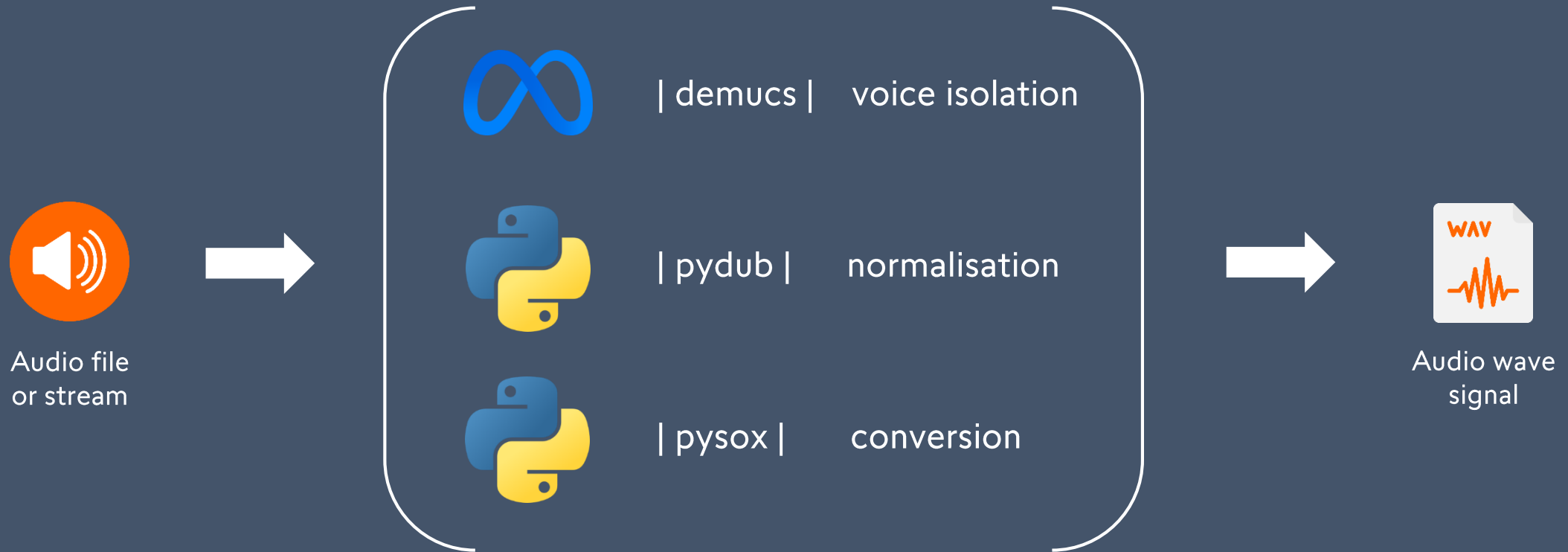
DIARISATION

Who said what when?

- ③ Transcription
- ③ Alignment
- ③ Speaker identification
- ③ Analysis



AUDIO PREPROCESSING

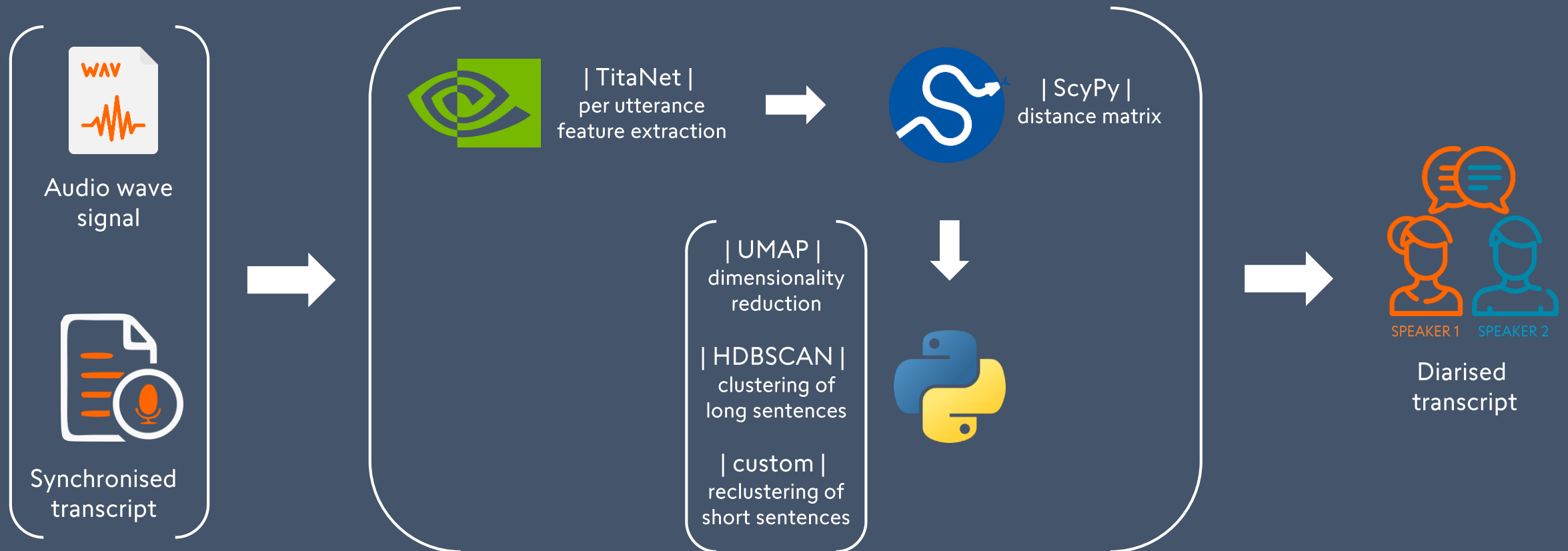


TRANSCRIPTION

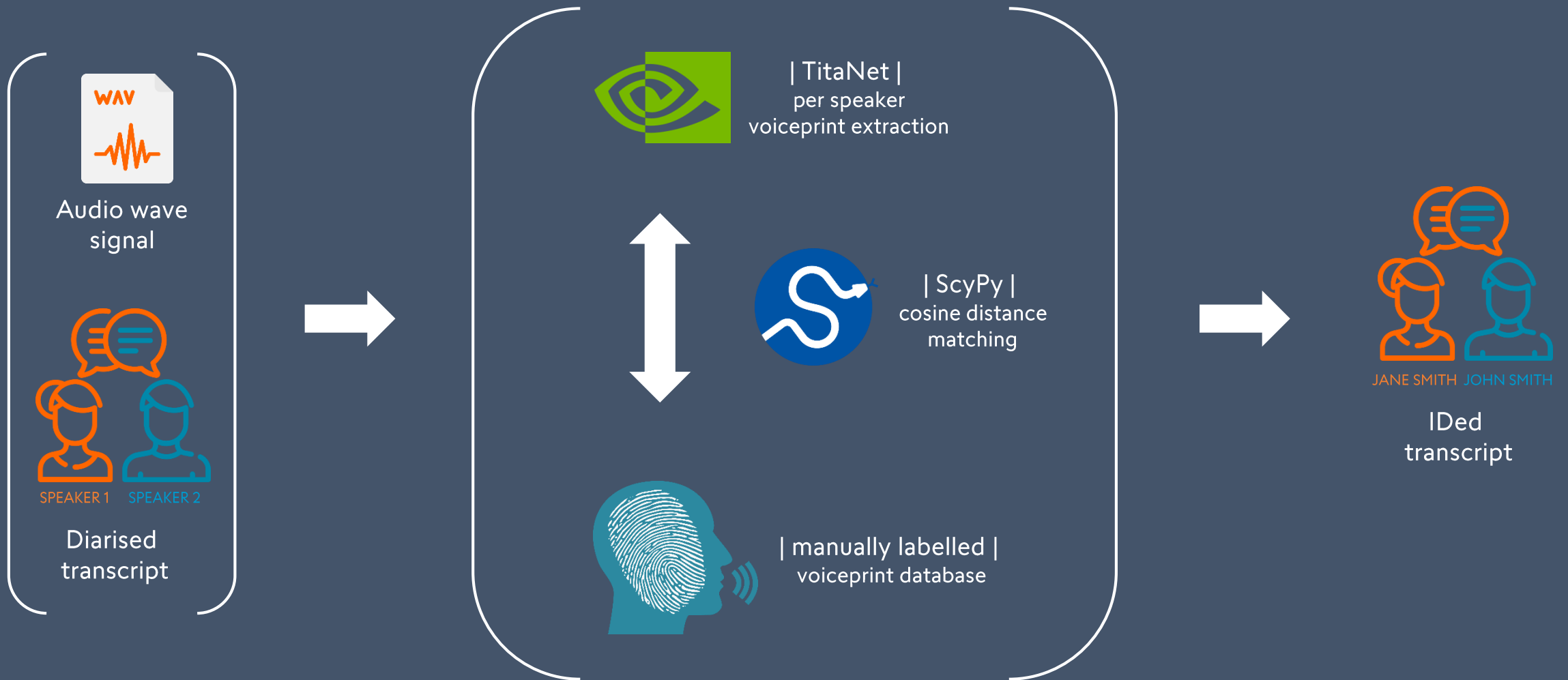


DIARISATION

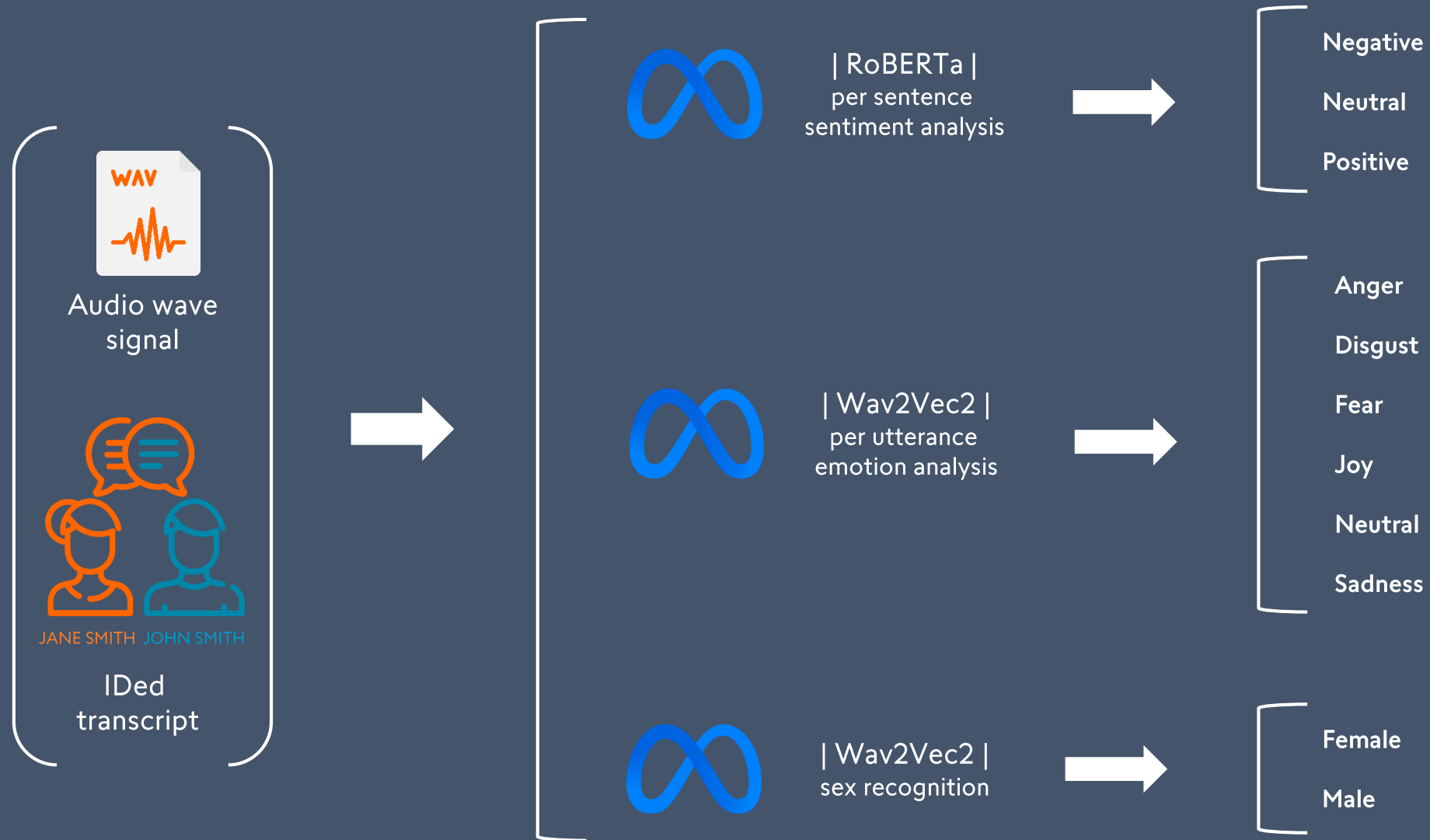
Who said what when?



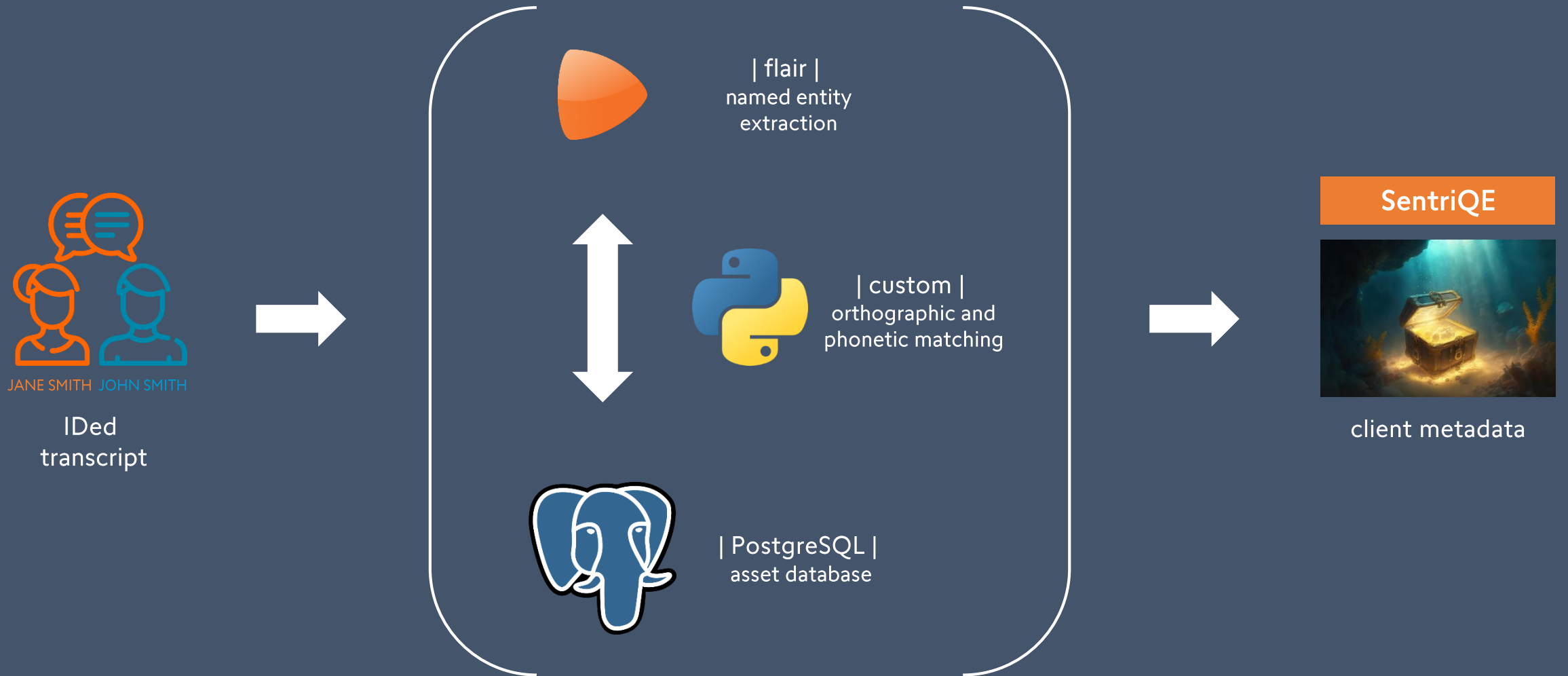
SPEAKER IDENTIFICATION



MISCELLANEOUS ANALYSIS



NAMED ENTITY RECOGNITION (NER)



IN PROGRESS AND FUTURE WORK

- ③ Curate asset database for metadata extraction
- ③ Improve named entity resolution accordingly
- ③ Accuracy and performance improvements for each functional module
- ③ Extend pipeline to French and German (current prototype tested only in English)
- ③ Enhanced functionalities: for instance, automatic translation

