Computational Linguistics (CL3.101)

Summer 2021, IIIT Hyderabad

14 July, Wednesday (Lecture 22) – Speech Processing

Taught by Prof. Anil Vuppala

Role of Linguists in Speech Processing

Automatic Speech Recognition

Building an ASR system requires knowledge from diverse fields like phonology, phonetics, acoustics, etc. A language model is used to aid in phoneme prediction and identification.
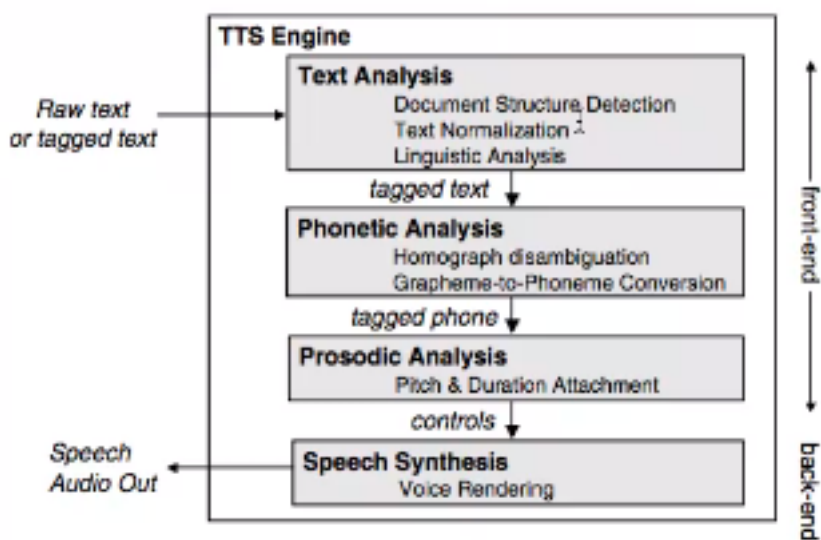
Text-to-Speech

Figure 1: A General Text-to-Speech System