

A Study on Text to Speech Synthesis

Chaw Su Hlaing
87chawsuhlaing@gmail.com
University of Computer Studies, Mandalay, UCSM

Speech Synthesis is the artificial production of human speech. The overall goal of the speech synthesis research community is to create a machine having an intelligible and natural sounding synthetic speech. In recent year, text to speech (TTS) conversion is a large enterprise that shows a remarkable improvement and most widely used system in speech technology. TTS system will be highly useful for blind people to hear and understand the content, where they face many problems in their daily life. There are two main objectives in this study. The first one is to review the published literatures on Text to Speech (TTS), with discussing about the efforts taken in each paper. The second one is to discuss about comparison, benefit and drawbacks of speech synthesis approaches. This paper will be useful for the readers who are less familiar in this area of research.