

Abstract

Speech recognition system do recognize speech signal that will be recognized by comparing with language model and acoustic model from human speeches. Statistical language model is retrieved from some text corpus and convert it to n-gram language model. To match on regular speeches, we must use text corpus with the same case too. The acoustic model and language model will be used for training and the result will be used for speech recognition. The training process is done with some moduls from Sphinx ASR.

Keyword : Speech recognition, large vocabulary, Sphinx ASR, language model