

Annotation

In this thesis was investigated the system of speech synthesis. The relevance of the topic is the widespread use of voice assistants. The first Chapter describes the analysis of systems. Algorithms of speech synthesis, methods, shortcomings of synthesis are considered and the review of existing systems is conducted. The second Chapter describes the processes of preparing audio files for speech synthesizer. The third Chapter provides the software codes. And also, experimental studies of the speech synthesizer.

The main goal of the diploma project is to create a Kazakh speech synthesizer with a limited number of words in the Matlab package.

As a result, a Kazakh synthesizer with a limited set of words in Matlab was developed.