

ALGORITHM OF SPEECH SYNTHESIS AND ITS IMPLEMENTATION
AS A MOBILE APPLICATION ON IOS// Master's work //
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TTS, CONCATENATIVE SPEECH SYNTESIS.

This paper investigates the problem were related to speech syntesis of
Ukrainian language and are considered some of the ways to solve them. Based on
the analysis developed mobile application targeted at mobile devices based on iOS
platform using ready solutions among other languages, and modified their methods
to engage synthesis Ukrainian speech.

For this study was elected unified software development process with an
iterative approach. The developed application opens a text file and "read aloud" its
contents. The user can select the language for the synthesis (must match the
language of the text), in particular, created the possibility of synthesis in Ukrainian.