

Building a Text-To-Speech software for reading online news on the Android platform.

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Abstract: In the context of information digitalization and the growth of the mobile device market, developing a Text-To-Speech (TTS) application that converts text into speech directly from online news sources is becoming increasingly important. This project aims to build a TTS system capable of processing and reading online news on the Android platform, addressing the accessibility issues of special users, such as the visually impaired. The research method is based on a combination of analyzing the current technical state and experimental application deployment. The expected result is a useful solution that improves user experience and contributes to the development of speech reading technology in the media field.

Keywords: Text-To-Speech, Android, online news, Accessibility, natural language processing