

Testing an Automatic Speech Recognition (ASR) model for the Tày language.

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Abstract: In the context of information and communication technology development, speech-to-text conversion (ASR) becomes important for minority languages such as Tày. This project aims to build an ASR system for the Tày language to serve multimedia communication needs. The research method includes analyzing and evaluating existing models, then implementing and testing the system on collected Tày speech data. The expected result is an effective ASR system for the Tày language, contributing to the diversification of natural language technology.

Keywords: Speech-to-text, Natural language processing, Tày language