

Research on the model and functional analysis of bilingual data construction software and its application to bilingual machine translation systems.

Nguyen Tuan Hiep

Abstract: In the context of the increasing demand for rapid language conversion, this study focuses on developing a bilingual data construction software to effectively support the creation of high-quality databases for machine translation systems. The main objective of the project is to build and analyze the software's functions to ensure accuracy and consistency between languages during the conversion process. The research methodology includes synthesizing theories on natural language processing combined with experimental application deployment. The expected results of the project are not only a useful tool for users but also a contribution to the development of bilingual machine translation systems.

Keywords: bilingual data building software, bilingual machine translation, natural language processing