

NATURAL LANGUAGE TO SQL CONVERSION SYSTEM

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ABSTRACT

This project aims at developing a system which will accept English query from user and convert it into SQL. This helps novice user who can easily get required contents without knowing any complex details of SQL languages. We can store huge amount of data in databases but casual user who doesn't have any technical background not able to access data. So this paper proposes system that will convert English statement given by user to all possible intermediate queries so that user can select appropriate intermediate query and then system will generate SQL query from intermediate one. Finally system will fire SQL query on database and gives output to user. When an interpretation error occurs, users often get stuck and cannot recover due to a lack of guidance from the system. To solve this problem, we present a natural language query recommendation framework

KEYWORDS: NLP, SQL, Morphological, Syntactic, Discourse, Pragmatic