EXPLOITING SEMANTIC SCHEMA MODEL FOR INTERACTIVE QUERY TRANSFORMATION USING THE MIX FIX FUNCTION

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ABSTRACT

This research work presents a concept based query transformation system using a semantic schema modle. It uses data from University of Agriculture (UNAAB), live-stock farm and constructs semantic schema for the database. A mix fix function is used to derive the query paths, validate the paths and generate results. The approach allows the users the ability to pose their queries in context-free-grammar and the system does the conversion of the queries in context-free-grammar and the system converts the queries to Structured Query Language (SQL).

Keywords: Semantic schema, mapping, mix-fix algorithms, query language.