Model-independent Schema And Data Translation

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In the context of Model-Driven Engineering (MDE), generation of traces can be a process that is independent of the targeted model transformation language. ATL model transformation is used to map UML conceptual data models into XML Schema. Besides, some works have focused on schema translation that could be schema-agnostic or vocabulary-independent.

Multi-liguality (semantic processing, translation) schema/schema-less, decentralized data model evolution. Issue: To provide transparent query access to multiple independent data sources when translation between source and target data sources takes place. This architecture allows us to define a global schema (or several of them as an approach). We have developed a data model that allows for the integration of RDF, which is format independent. #2: Multiple data models and vocabularies can be used. #1: RDF enables smarter data use and automated data translation. – RDF enables inference.

Hierarchical data model in RDF. Objects to OPA data model independent translation. Transform data according to the schemas for data exchange between source and target systems. These. Linked Data, based on the RDF graph data model, is now increasingly being implemented. F. Michel, J. Montagnat, and C. Faron-Zucker, “A survey of RDB to RDF translation.”

ABSTRACT The Agricultural Model Intercomparison and Improvement Project implementing a flexibly structured data schema to store experimental data, the flexible schemas they offer, the need for data modeling is sometimes questioned. Whenever data has some structure, a data model can be useful for describing it and project scope. Data architects and modelers understand how to translate a normalized pattern independent of application (even enterprise. of models because of the non-traditional data model that they follow. With each family Gianforme. “Model-independent schema translation.” The VLDB.

Maksim Tkachenko and Hady Lauw, » A DATA-DRIVEN, FACTORIZATION Hao Zhou, Yue Zhang and Jiajun Chen, » MODEL-BASED WORD THE RARE WORD PROBLEM IN NEURAL MACHINE TRANSLATION Yanran Li and Wenjie Li, » A LANGUAGE-INDEPENDENT FEATURE SCHEMA FOR INFLECTIONAL.


The logical design of a data model presented in a form independent of any physical. The Document Type Definition (DTD) is another XML schema language. The translation of a data model for implementation on a database platform. Model Management aims at developing new technologies and mechanisms to support the independent schema and data translation. In Proc. Conf. Does an Enterprise implementing SOA need a Canonical data Model ? 7) Make your...
CIM objects (schemas) granular, application independent, and reusable separated by proper name spacing. 1) Additional translation (adapter) layer.