

Multi Retriever

Informatics Institute of Technology

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Multi Retriever:
**A platform for querying multiple heterogeneous data
from multiple Ontology**

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Abstract

Cross domain handling and data redundancy plays major role in knowledge modelling nowadays. Managing multiple ontology has grabbed more attention as the number of ontologies created is booming. The exiting systems provide querying and merging ontologies through technical ways. Where various methods used would result in data leakage and data misplacement. While who has technical knowledge can get the results from ontology and whomever doesn't have knowledge would have to learn. Also hidden relations will be missing in these solutions. In this project, a developed system is introduced where it queries internally and provide data as with FAQ and answers while handling hidden relations.

Multi Retriever is a web App Where the users will be able to upload ontologies and query data through FAQ. Which makes it simple and matches the users main concern. This system was developed following Software As A Service model as it can be handled by individuals where infrastructure is not necessary and less time consuming compared to manual approach. As for data privacy the users will be in full control of their projects and files.

Keywords:

Information Retrieval, Ontology, FAQ, Data redundancy