

Semi-automatic Generation of Data-Intensive APIs



Context: In today's digital world, relevant data sources for organizations reside uncoordinated across different departments in different formats. Data-Intensive APIs are potential solution to resolve this challenge. However, currently, Data-Intensive APIs are being created manually.



Objective: To automate the generation of Data-Intensive APIs.



Proposed Solution: This automation can be achieved by characterizing the data variety challenge. Data integration provides a foundation to tackle this challenge by offering a uniform query interface to access multiple heterogeneous data sources efficiently.

