

Abstract

In a large institution with many technologies that have been circulating today has spawned its own problems for the institution, one of them is how to integrate many systems with a variety of different specifications with the programming language and Different Database Management System(DBMS). Database level communication needed to be able to integrate database systems with the unity and integrity of data.

Simple Object Database Access (SODA) Method is one simple solution to resolve the case without a repository database integration. Method Simple Object Database Access (SODA) may be implemented as a class to be accessed by the application.

In this Final Project Simple Object Database Access (SODA) Method successfully implemented into a class and make the API, for later in the implementation of the web service. Class SODA can reproduce a variety of DBMS Connection, can be accessed by a program, while at the web service can increase the types of user of applications. If Class SODA implemented in the web service, it will produce a system that has the ability to reproduce variety of applications and data source used.

Kata kunci: *Heterogenous Database, Web Service, SODA, API*