

Abstract

The emergence of a large number of bio medical data sets on the Internet has resulted in the need for flexible and efficient approaches to integrate information from multiple bio medical data sources and services. Thus data are scattered in different web sites and web databases. User struggling hard and for them it is extremely difficult for them to find accurate data from the web efficiently. In this paper, we tried to present our approach to establish an architecture which will automatically generate web data integration, optimize the composition, and execute the required output efficiently. While data integration techniques have been applied to the bio medical data domain, the focus has been on answering specific user queries. Thus we have found the indication towards large scale data integration. So the issue arises for which data integration architecture can be used. There are so many proposed large scale data integration architecture are available. Among all of them we designed our paper based on the MetaQuerier architecture. It's large scale integration over web databases. MetaQuerier architecture has five basic processes which will be clarified in this paper briefly. We used this architecture to implement our bio medical data integration and try to generate a well structured output. Here our first task is to explore the MetaQuerier architecture and secondly we will explore the design in terms of bio medical data.