

## **Integrating discovery and composition of semantic web services based on description logic**

### **Abstract**

A problem that has become one of the recent critical issues is automated composition of Web services. A number of approaches have been proposed to resolve the problem. However, discovery and composition of Web services have been neglected by majority of those approaches. In this article, an approach based on Description Logic is proposed. First of all, the architecture of the proposed approach which shows all components of the proposed approach is described. Moreover, a case study is designed to test some components of the proposed approach. The preliminary results of the test demonstrate that the approach provides an efficient solution.