Abstract

Service discovery is one of most challenging issues now-a-days because of the increasing number of services but a very few techniques are available for their efficient discovery. It is worthless if there are abundant services available but we cannot avail our desired services only because of the irrelevant discovery system. The semantic based service discovery is proposed to enhance the discovery of these elusive services. Web service standards, in their present format supports only keyword based search and many services which can fulfill the user's requirements are not retrieved. Basic requirement for efficient service discovery is to extract the contextual information provided in the service description. In such situation, the optimal solution is obtained by introducing semantics in the present Web Service Description Language (WSDL).


- Ingo Simonis; Meraka Institute, CSIR, South Africa, Johannes Echterho! IfGI, University of Muenster, Germany June 2008, GEOSS Sensor Web Workshop Report.


Index Terms

Computer Science

Algorithms

Keywords

Service Discovery  Sensor Network  WSDL  Web Services  SDWSD System