Abstract

The motive of the current paper is to present process of enabling semantics framework as well as review the most commonly used Location based services. The paper determines how to implement intelligent system using ontology reasoning over location based services. The Location based services using ontology determines how semantics can be applied to make user context based reasoning framework. The objective is to develop framework (using ontology)
which enables user based reasoning. Basically depending on the users context (date, time, longitude and latitude), the framework will infer overall useful information by considering contextual of user and inferring new knowledge on it. Even with knowledge of observed user locations, we can recognize mobility modes that are useful for several application domains.

References

- W3C Semantic Web: http://www.w3.org/2001/sw/
  - The Protégé Project: http://protege.stanford.edu


Using Ontology Reasoning over Location Based Services


Index Terms

Computer Science
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Keywords
Location based services (LBS) Ontology Framework Protégé OWL Jess and Jena reasoning