Ontologies are concept specifications and relations that have a major part in semantic web applications through provision of shared knowledge about real world objects ensuring reusability/interoperability among varied modules. So a semantic application should first have an ontology quality related query. Information retrieval (IR) is obtaining information resources relevant to an information need from various information resources. IR has changed over time with expansion of the internet and the arrival of modern graphical user interfaces/ mass storage devices. The aims are using ontologies knowledge to match object with queries on a semantic basis. Ontologies use has many challenges focussing on application of machine learning techniques on features extracted from ontologies concepts and Natural Language Processing. This paper focuses on classifying universities web pages through use of features extracted from an ontology based semantic interpretation.
Ontology based Information Retrieval for Semi Structure Data using Bagging

- T. R. Gruber, Towards principles for the design of ontologies used for knowledge sharing, in International Journal of Human-Computer Studies, Volume 43, Number 5-6, pp. 907-928, 1995.

Index Terms

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Keywords

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