Abstract

In natural language, a word or phrase represents the concept. This paper presents an idea of extracting the key attributes of the object. The construction of the logical structure of a relation emerges from the unstructured text. It overcomes the limitation of extracting the structured information. This approach is based on extracting the key information from the scattered unstructured text. This process starts with splitting the sentence, tagging the individual words in the input document by using Parts of Speech (PoS). PoS categorize the input data into Object Oriented Elements (OOE) which includes entities, attributes, actions and builds the relations among these entities and actions. The proposed approach identifies the structure of the relation which is extracted from the Software Requirement Specification (SRS) to the user and constructs a schema of the relation by identifying primary key attributes based on adjectives and by applying mapping rules.

References

Elicitation of Relation Schema with Primary Key Attribute from Natural Language Text

Libraries, ACM Digital Library.

Index Terms

Computer Science  Artificial Intelligence

Keywords
Structured Data  Entity  Mapping rules  Key Attribute  Relation Schema