

From knowledge abstraction to management : using Ranganathan's faceted schema to develop conceptual frameworks for digital libraries

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Abstrak

The increasing volume of information in the contemporary world entails demand for efficient knowledge management (KM) systems; a logical method of information organization that will allow proper semantic querying to identify things that match meaning in natural language. On this concept, the role of an information manager goes beyond implementing a search and clustering system, to the ability to map and logically present the subject domain and related cross domains. From Knowledge Abstraction to Management answers this need by analysing ontology tools and techniques, helping the reader develop a conceptual framework from the digital library perspective. Beginning with the concept of knowledge abstraction, before discussing the solecistic versus the semantic web, the book goes on to consider knowledge organisation, the development of conceptual frameworks, untying conceptual tangles, and the concept of faceted knowledge representation.