

Object recognizer for organizing and structuring unstructured documents using Interrogative Knowledge

ABSTRACT

Knowledge in unstructured documents is lacking the structured characteristics; therefore raising the problem of extracting answers when queried by simple queries. This paper proposes the Interrogative Knowledge Object- (IKO-) Recognizer that is able to model the extracted interrogative lexical constructs from unstructured documents into ontological constructs. An experiment is carried out to test performance of the IKO-Recognizer using quantitative retrieval performance metrics of recall and precision. The result shows that the extracted interrogative constructs is able to increase human understanding on knowledge available in unstructured document.

Keyword: Interrogative knowledge; Unstructured documents; Object recognizer; Information retrieval