Abstract

To solve the problem of ambiguity, redundancy and little consistency of natural language used by researchers to model knowledge, many people use special structures such as thesauri, that is the case of the phenomenon of forced displacement in Colombia. Now one model of organized and concise information is not the only objective of the Semantic Web to develop these structures of knowledge, but also free access to information is one of its principal goals. To achieve this goal, Sisdeon relies on the use of ontologies and updated tools that enable the handling of these ontologies through the Web and enable to widen the range of possibilities with the support of the Description Logic and establishing more complex queries with goal to expand the documents retrieval using semantic reasoning. This is where lies the importance of an information system based on the use of ontologies: modern tools that permit deeper, manage and retrieve documents efficiently.

Keywords

Information Retrieval, Ontologies, Semantic Web, forced displacement in Colombia, SKOSCore.