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Semantic Session: Transformation of keyword indexed collections into semantic repositories

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In the information retrieval context, resource collections are frequently classified using simple knowledge models such as thesauri. However, the limited semantics provided restricts their search and browsing capabilities. This work shows a process that improves these capabilities through the conversion of the selected knowledge model into a domain ontology. The process has been tested with the European Urban Knowledge Network and the Urbamet thesauri. Additionally, Urbamet model has been used to create an atlas of urban related resources with advanced search capabilities.

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