Mobile Specification Using Semantic Networks

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Abstract. A semantic network is a network which represents semantic relations among concepts. This is often used as a form of knowledge representation. This paper introduces a retrieval method based on semantic networks. A hyperlink information is essential to construct semantic networks. The information is very useful as it provides summary and further linkage to construct Semantic networks that has been provided by human. It also has a property which shows review, relation, hierarchy, generality, and visibility. Using this property, we extracted the keywords of mobile documents and made up of the Semantic networks among the keywords sampled from mobile pages. This paper extracts the keywords of mobile pages using anchor text one out of hyperlink information and makes hyperlink of mobile pages abstract as the link relation between keywords of each mobile page. I suggest this useful retrieval method providing querying word extension or domain knowledge by Semantic networks of keywords.

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