

Context Modelling in Digital Ecosystems

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Abstract:

Context-awareness is one of the key properties that must be considered in the design of digital ecosystems. This article provides a survey of the most used approaches in context modelling for context-aware applications and how this relates to digital ecosystems. We propose a method for modelling the context and a way of services matching based on ontologies and formal context analysis in digital ecosystems.

Keywords: context, niche, context-aware systems, digital ecosystems