The role of digital identifier systems in the theory of digital objects


Theory of Digital Objects (TDO) can be considered as one of the important theories for explaining distinctive attributes and social practices of digital objects. The main aim of this study is to determine the role and position of digital identifiers and digital identifier systems in social practices of TDO. Results of applying comparative evaluation method demonstrated that the digital identifier systems can be considered as a third approach called identifiable Web, among memorable and navigable web in TDO. Moreover functions, technologically-induced tensions, challenges, counter mechanisms and emerging practices of the proposed approach had been
investigated in contrast with the two existing social practices approaches. Results of this study could provide new ideas to administrators and researchers of these systems for promoting them from the sociotechnical aspect.

Keywords:
Theory of digital objects (TDO) - Digital identifier - Social practice - Identifiable web

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