

Abstract: RTFM model for Media Synchronization in Multi-Screen Service

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Abstract

The media presentation with temporal dependencies in the different media data, such as still image, text, video and audio is an open research area. This is an important issue for emerging distributed multimedia system. In this paper, we propose a new notion, called RTFM (Relation Traffic Flow Map) model that supports the multi-media synchronization in multi-screen service. The RTFM considers of four main aspects as follows; Flexible Querying, Location and Trajectories, Interoperability among Multi-Screen and Reasoning in effectively intelligent service. The RTFM provides full functionalities for intelligent multi-screen service.

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