

BKCAS: A DISTRIBUTED CONTEXT-AWARE PERVASIVE INFORMATION SYSTEM TO SUPPORT USER ROAMING

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TÓM TẮT:

Until, recently, the wide deployment of pervasive information system is still limited due to high cost of infrastructure, and more important, its requirement of rebuilding a new information infrastructure from scratch without reusing much from the current working system. In this study, we propose Bkhoa context-aware system (BKCAS), a novel architecture for scalable pervasive information system having the capability of intelligently routing multimedia messages to users based on the context processing. Moreover, BKCAS support user roaming over a large number of loosely coupled autonomous domains. Differ from many other pervasive systems, which assume a completely newly built infrastructure, our approach focuses on

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