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Mobile Spatial Information Service Based on Intelligent Map Agent

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ABSTRACT

This paper analyzes the existing spatial structure of mobile information services and the current new characteristics of the service, proposes a new service model. The model adopts a unified deployment solution of spatial data. It extends the spatial data management and lightweight computing to the embedded computing devices, and enhanced the service flexibility and scalability. The design of mobile side achieves the integration of spatial data management, mobile computing and wireless communication, and it can meet the various needs of spatial information mobile services. The paper introduces the composition of the new model and the key contents, and pointing out that this model is the inevitable trend of spatial information mobile services.

KEYWORDS

mobile agent; intelligent map agent; mobile spatial information service

Cite this paper

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