Abstract

A Location Based Services (LBS) have attracted and valuable attention from industrial and academic communities. Current LBS system used a pull model also called as user-initiated model, from where user can issues a query to system and which replies location-aware answer. A push model also known as server-initiated model is becoming an unavoidable computing model in LSB to provide user with instant replies and subscribers to capture their interest. Multiple research problems arises when designing this system. Efficient filtering algorithms and pruning techniques are used to accomplish high performance and to render user with instant reply. Further proposed another algorithm called FlexRPset, which gives one extra parameter to make trade-off between result size and efficiency. FlexRPset generate fewer representative patterns than RPLocal and MinRPset is design to improve scalability.
R-Tree Based Filtering Algorithms for Location-Aware based System

References

- G. Cong, CS. Jensen, D. Wu. Efficient retrieval of the top-k most relevant spatial web objects PVLDB, 2009

Index Terms

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Keywords

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