Abstract

Spatial databases have enormous number of applications, especially in mobile and wireless communications. Range queries are one of the best available tools to retrieve useful information from these databases. Range query usually returns large results. These results are neither communication effective nor informative. Finding spatial data that fit best for the intended use is the main challenge of all spatial search engines. Result of search for spatial data is a list of all items indicated as relevant by the algorithm used in the search engine. Depending on the type of input to the system, various techniques can be used for ranking the results. In order to address these problems, we propose an idea of r-tree based searching and
R-Tree based Searching and Ranking on Spatial Data

ranking. Such an r-tree based searching & ranking reduces the costs of communication, increases the usefulness, and also provides interactive exploration. Proposed system defines that the handheld device query will be provided effectively and nontrivial algorithm found good results approximately.

References

Index Terms

Computer Science

Hpc Applications

Keywords

Spatial Databases  Searching  Algorithms