Abstract

There is an increasing demand for applications about moving objects (e. g., humans, animals, cars, …). The best way to develop robust and efficient software solutions consists in putting them on top of a spatio-temporal database storing the trajectories of the moving objects. Unfortunately, the DataBase Management Systems today part of the companies’ assets do not support this complex data. In this paper, we outline a solution that is feasible in the meantime a new generation of DBMSs will be made available to the community.

References


Index Terms

Computer Science
Databases

Keywords
Moving points  trajectory databases  spatio-temporal intersection  uncertainty
DBMS
PostgreSQL/PostGIS
SQL