Abstract

Vehicular traffic is a foremost problem in modern cities. Huge amount of time and resources are wasted while traveling due to traffic congestion. With the introduction of sophisticated traffic management systems, such as those incorporating dynamic traffic assignments, more stringent demands are being placed upon the available real time traffic data. In this paper we have proposed mobile agent as a mechanism to handle the traffic problem on road. Mobile software agents can be used to provide the better QoS (Quality of Service) in vehicular ad hoc network to improve the safety application and driver comfort.

Reference

- Chess, D., Harrison, C., and Kershenbaum, A.: ‘Mobile agents: are they a good idea?’. IBM Research Division, T.J. Watson Research Center, Yorktown Heights, New York, March
Mobile Agent as an Approach to Improve QoS in Vehicular Ad Hoc Network

1995.
- Alfonso Fuggetta, Gian Pietro Picco and Giovanni Vigna, "Understanding Code Mobility 
- Yang Gong-ping, Zeng Guang-zhou, "Mobile Agent Life State Management", IMACS Multi-conference on Computational Engineering in Systems Applications (CESA), 2006, Beijing, China

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