

A correlation-aware data placement strategy for key-value stores

Problem description

Large volume of social networking data requires an efficient storage scheme that is both scalable and can meet the availability requirements of read intensive access. This paper is trying to make an attempt to design a key-value storage scheme that can solve this problem.

Contributions

The contribution is hard to figure out, as a lot of literature papers out there have been trying to solve this problem with similar methods. While in this paper, the author doesn't explain in detail what has been done by literature papers. Although the author is trying to claim that the correlation-aware data placement strategy and load balancing strategy among distributed nodes is novel, it is possible not (in fact it is not as far as I know).

Defects of this paper

Generally, this paper is a poorly written one, not only in the content but also technically. There are tons of syntax errors, which make it hard to understand what the author is trying to explain. And there are no concrete examples for explanations. And the type setting of some part of this paper is not very professional.

Final Rating Sadly, I can only give a score between 1.5 and 1.99 over 5.