NoSQL, A Solution for Distributed Database Management System

Abstract

The recent advance in distributed data management techniques are growing, today the world need databases to be able to store and process big data effectively, demand for very high-performance when reading and writing, these effects especially in large scale and high concurrency applications, such as search engines hence the traditional database limits itself for such complex requirements, therefore various types of non-relational databases that are commonly referred to as NoSQL databases which is abbreviation of “Not only structured query language”. Their primary advantage which is worth emphasizing is that, unlike relational databases, they handle unstructured data. NoSql is the solution for use cases where ACID is not the major concern and uses BASE instead which works up on eventual consistency. Here introducing Coherence which is a technology developed by oracle which works on NoSQL Principles.

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Index Terms

Computer Science
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Keywords
NoSQL Data-bottleneck Coherence