

Mongo Db Ieee Paper 2012

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The most popular database for modern apps | MongoDB
This paper proposes an architecture which will provide a GUI Application that will provide the users with a click and use Querying feature with Data Migration and Automatic Query Conversion. MongoDB is the most slanting database for NoSQL, therefore our proposed system focuses on these perspectives with reference to MongoDB. ... IEEE, Jun. 2012 ...

Application of NoSQL database MongoDB - IEEE Conference ...
In this paper, the principles and implementation mechanisms of Auto-Sharding in MongoDB database are firstly presented, then an improved algorithm based on the frequency of data operation is proposed in order to solve the problem of uneven distribution of data in auto-sharding. ... IEEE is the world's largest technical professional organization ...

A comparative study: MongoDB vs. MySQL - IEEE Conference ...
In the present paper we have applied two different modeling styles as embedding of documents and normalization on collections. With the embedding feature we may face situation where documents grow in size after creation which may degrade the performance of database. The maximum document size allowed in MongoDB is limited.

[White Paper] MongoDB Multi-Document ACID Transactions ...
MongoDB becomes favorable. This paper attempts to use NoSQL database to replace the relational database. It mainly focuses on one of the boosting technology of NoSQL database i.e. MongoDB, and makes a comparison with MySQL and thus justifies why MongoDB is preferred over MySQL. ... SQL Support over MongoDB using Metadata

Performance evaluation of SQL and MongoDB databases for ...
Event-Driven Architecture. This white paper analyzes how the state of the art has quickly evolved from "big data" to fast data; defines the requirements, components, and capabilities of event-driven architecture; and discusses how MongoDB is core to unleashing the power of real time across the organization.

Resources | MongoDB

Cassandra becomes favorable. This paper attempts to use NoSQL database to replace the relational database. It mainly focuses on one of the new technology of NoSQL database i.e. MongoDB, and makes a comparison study with MySQL and thus justifies why MongoDB is liked over MySQL. Lastly, a

NoSQL Databases | Research Paper

This post contains the research topics published by the Institute of Electrical and Electronics Engineers (IEEE). Some of the topics can be implemented as projects. Hope these IEEE papers and project topics would be useful for you in getting an idea to choose a topic for presentation or to build a project.

MongoDB Architecture | MongoDB

We're the creators of MongoDB, the most popular database for modern apps, and MongoDB Atlas, the global cloud database on AWS, Azure, and GCP. Easily organize, use, and enrich data - in real time, anywhere.

SQL Support over MongoDB using Metadata

In this paper we will try to present a comparative study of non-relational databases and relational databases. We mainly focus our presentation on one implementation of the NoSQL database ...

2012 International Conference on Computer Science and ...

MongoDB is designed to meet the demands of modern apps with a technology foundation that enables you through: The document data model - presenting you the best way to work with data. A distributed systems design - allowing you to intelligently put data where you want it. A unified experience ...

MongoDB vs Oracle -- Database Comparison - Semantic Scholar

.3.1.3 Case Study - MongoDB. MongoDB is an open-source document-oriented database system developed by 10gen. It stores structured data as JSON-like documents with dynamic schemas (MongoDB calls the format BSON), making the integration of data in certain types of applications easier and faster.

db.getMongo() - MongoDB Manual

With the advent of big data phenomenon in the world of data and its related technologies, the developments on the NoSQL databases are highly regarded. It has been claimed that these databases outperform

their SQL counterparts. The aim of this study is to investigate the claim by evaluating the document-oriented MongoDB database with SQL in terms of the performance of common aggregated and non ...

Comparative analysis of NoSQL (MongoDB) with MySQL Database

In this paper, we propose a new data replication strategy for a MongoDB document oriented system. ... Mongoddb, we remark that most of them focus their ... Computing (CLOUD), 2012 IEEE 5th ...

(PDF) Towards a New Data Replication Strategy in MongoDB ...

In order to build an efficient basic information system of science and technology experts based on Web mining, a novel system architecture for application is proposed in this paper. The proposed system architecture integrates spider module, local distributed storage and Mongo-DB.

MongoDB vs Oracle -- Database Comparison - IEEE Conference ...

Abstract: In this paper we will try to present a comparative study of non-relational databases and relational databases. We mainly focus our presentation on one implementation of the NoSQL database technology, namely MongoDB, and make a comparison with another implementation of relational databases, namely MySQL, and thus justifying why MongoDB is more efficient than MySQL.

(PDF) A Comparative Study: MongoDB vs. MySQL

db.getMongo() runs when the shell initiates. Use this command to test that the mongo shell has a connection to the proper database instance.
? db.getLogComponents() db.getName() ?

Mongo Db Ieee Paper 2012

Abstract: NoSQL database is the broad definition of nonrelational data storage. As a result of the new storage model, the traditional normal-form theory difficult to adapt to new applications. In this paper, the characteristics of the data logic model of NoSQL database MongoDB and the mode design principles were analyzed, then a method based on anti-normal form model was proposed.

Research on the improvement of MongoDB Auto ... - IEEE

Abstract: This paper presents differences between an SQL database management system - Oracle Database and No SQL document oriented database management system - Mongo DB. Comparison criteria includes theoretical differences, features, restrictions, integrity, distribution, system requirements, architecture, query and insertion times.

A study of normalization and embedding in MongoDB - IEEE ...

The addition of multi-document, ACID transactions in MongoDB 4.0 makes MongoDB the only database to combine the ACID guarantees of traditional relational databases, the speed, flexibility, and power of

the document model, with the intelligent distributed systems design to scale-out and place data where you need it.

(PDF) Data Migration From SQL To Mongodb | IJERD JOURNAL ...

This paper presents differences between an SQL database management system - Oracle Database and No SQL document oriented database management system - Mongo DB. Comparison criteria includes theoretical differences, features, restrictions, integrity, distribution, system requirements, architecture, query and insertion times.

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