Database Database Management System

A database is a structured collection of data, typically stored electronically in a computer system, designed for efficient storage and retrieval. A Database Management System (DBMS) is the specialized software application that interacts with users, applications, and the database itself to capture and analyze data, enabling its effective organization, management, and manipulation.

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This is a list of relational database management systems. 4th Dimension Access Database Engine (formerly known as Jet Database Engine) Actian Zen (PSQL)... 4 KB (315 words) - 12:57, 19 January 2024
database is a (most commonly digital) database based on the relational model of data, as proposed by E. F. Codd in 1970. A database management system... 31 KB (3,782 words) - 03:55, 6 March 2024
relational database management systems Comparison of object–relational database management systems Database management system List of relational database management... 23 KB (1,402 words) - 03:35, 19 February 2024
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general and technical information for a number of relational database management systems. Please see the individual products' articles for further information... 138 KB (3,362 words) - 08:57, 18 March 2024
A configuration management database (CMDB) is an ITIL term for a database used by an organization to store information about hardware and software assets... 9 KB (1,132 words) - 18:18, 20 December 2023
A database transaction symbolizes a unit of work, performed within a database management system (or similar system) against a database, that is treated... 12 KB (1,550 words) - 03:56, 26 February 2024
object database management systems, showing what fundamental object database features are implemented natively. Comparison of object–relational database management... 8 KB (75 words) - 11:17, 26 February 2024
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can begin to fit the data to the database model. A database management system manages the data accordingly. Database design involves classifying data... 13 KB (1,748 words) - 17:41, 21 March 2024
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federated database system (FDBS) is a type of meta-database management system (DBMS), which transparently maps multiple autonomous database systems into a... 14 KB (1,750 words) - 02:39, 6 March 2024

model Multivalue model Semantic model XML database Named graph Triplestore A given database management system may provide one or more models. The optimal... 21 KB (2,961 words) - 17:56, 10 February 2024

An in-memory database (IMDb, or main memory database system (MMDB) or memory resident database) is a database management system that primarily relies on... 10 KB (1,315 words) - 19:51, 11 November 2023

Database normalization is the process of structuring a relational database in accordance with a series of so-called normal forms in order to reduce data... 36 KB (1,223 words) - 10:48, 23 February 2024

possible to design a system that guarantees "consistency" in every sense of the word, as most relational database management systems in common use today... 5 KB (473 words) - 17:34, 26 March 2023

heterogeneous database system is an automated (or semi-automated) system for the integration of heterogeneous, disparate database management systems to present... 3 KB (299 words) - 18:28, 2 May 2022

relational database management system (RDBMS). MariaDB version 10.3.4 added support for SQL:2011 standard as "System-Versioned Tables". Oracle Database – Oracle... 31 KB (3,866 words) - 19:26, 10 February 2024

The database schema is the structure of a database described in a formal language supported typically by a relational database management system (RDBMS)... 11 KB (1,082 words) - 11:25, 23 November 2023

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