Denzel Jacob

Tanweer Haroon

Web Design

Project

MySQL

MySQL is an open-source relational database system, which can be used to create and manage a relational database. Unlike other databases management systems, relational database management systems use and store data in records that are organized as tables. If a system uses the relational database model like MySQL does, I would be categorized as a RDBMS, otherwise it would be considered a DBMS. MySQL is open-sourced meaning there is a community that releases, changes, and maintain specific versions of the MySQL software. There is one condition in using the open-source version, which is that there is a GNU public license which could potentially limit what you can and cannot do with the free open-source version of MySQL. For all other intents and purposes there is a commercially licensed version. MySQL utilizes a specific language to interact with the information in the database, this language is a structured query language. Structured query languages are used in a multitude of database languages. Any database querying language that has SQL in the name utilizes a variation of the structured query language in its implementation. MySQL also has some data security features like an Access Privilege system, user account management, host-based verification, and password encryption technology. With all these security features MySQL has become a industry standard and is in close competition with another leading RDBMS, Oracle. To summarize, MySQL is a relational database management system that uses a structured query language in order interact with the actual database.