Perl 6 MongoDB driver

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Abstract

MongoDB is a *Non SQL* database which uses *Binary JSON* to store and load information in a database. With the mongodb package a shell program called mongo is available to give instructions to a mongodb server.

To work with data on the server from within a program a driver is needed. There are drivers for many program languages. This document describes a driver for the Perl6 language. In the perl6 ecosystem, which might grow into a cpan like system later, there are two packages needed to work with the driver. These are *MongoDB* and BSON.

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BSON is a binary version of the textual version [JSON] .

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MongoDB Driver Glossary

B

Binary JSON	BSON is a computer data interchange format used mainly as a data storage and network transfer format in the MongoDB database.

J

JavaScript Object Notation	JavaScript Object Notation) is an open-standard format that uses human-readable text to transmit data objects consisting of attribute-value pairs

M

MongoDB	MongoDB (from humongous) is a free and open-source cross-platform document-oriented database program

N

Non SQL	A NoSQL (originally referring to "non *Structured Query Language* ", "non relational" or "not only SQL" database provides a mechanism for storage and retrieval of data which is modeled in means other than the tabular relations used in relational databases.

S

Structured Query Language	SQL or Structured Query Language is a special-purpose domain-specific language used in programming and designed for managing data held in a relational database management system (RDBMS)