



Explain the tole of database drivers or ORMs (Object-Relational Mappers) in connecting Node is applications to databases Provide examples of Popular DRMs for Node is.

In Node; s applications, accessing and managing data requires a connection to a database. This is achieved using database drivers or Object-Relational Mappers (ORMs)

1. Database Drivers:

A database Drivers is a low-level library that enables direct communication between Node; s and a specific database system (e.g. MySQL, PostgreSQL, MongODB)

- Establishing connections
- Sending queries
- Receiveing Responses
 - Hardling errors

Example:

Using mysal 2 for MYSQL or pg for PostgreSQL

ORMs (Object-Relational Mappers)

An DRM is a higher-level abstraction that maps database tables to Javascript objects, making it ease easier to perform (RUD operations without writing raw SQL Benefits:

- Cleaner Code
- Built in support for relationship and validation
- Protection against SQL injection

Ex. User findall ();

VISHWAKARMA INSTITUTES

