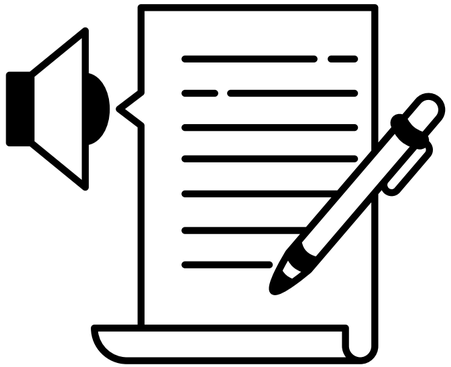
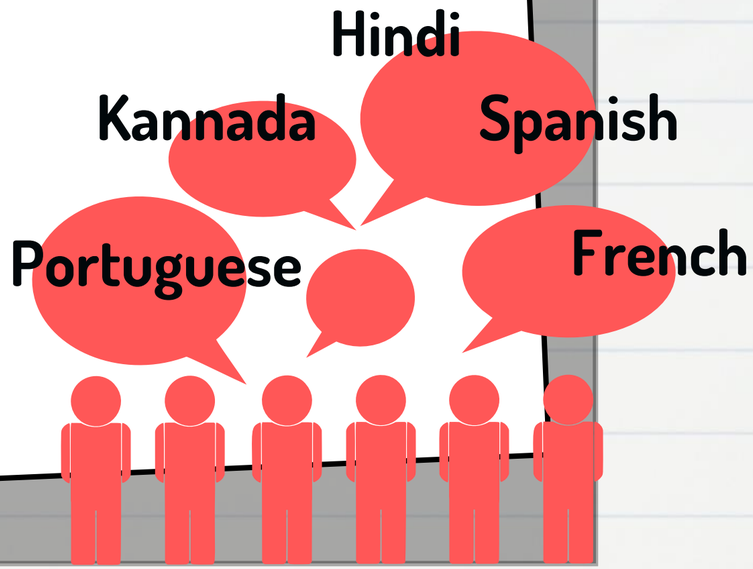
PDO

Analogy

Conference

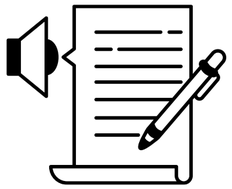


TRANSLATOR



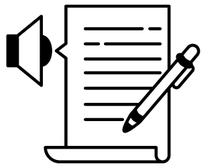
PDO

TRANSLATOR



MySQL

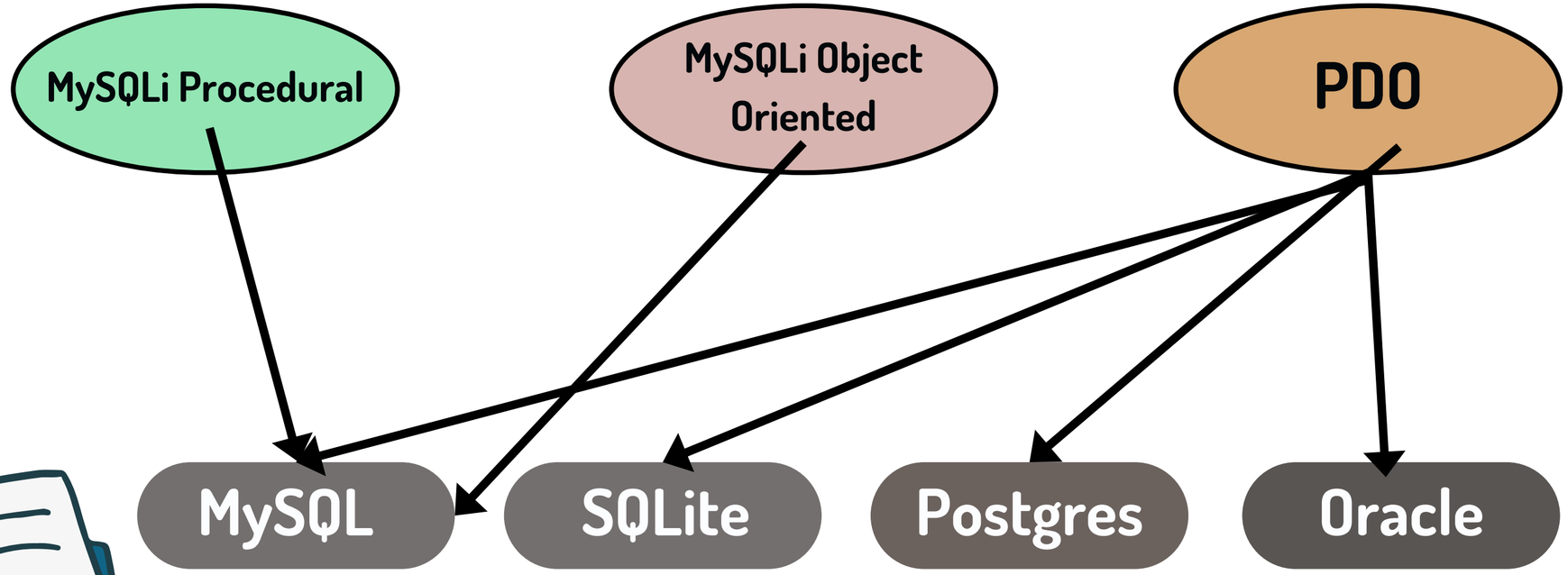
PostgreSQL



SQLite

Just as the universal translator simplifies communication in a multilingual conference, PHP PDO simplifies database interaction in PHP by providing a consistent interface regardless of the underlying database being used. It abstracts away the differences between database systems, making it easier to develop applications that can work with various databases without needing significant changes to the code.

There are three different ways to code with MySQL:



PHP PDO

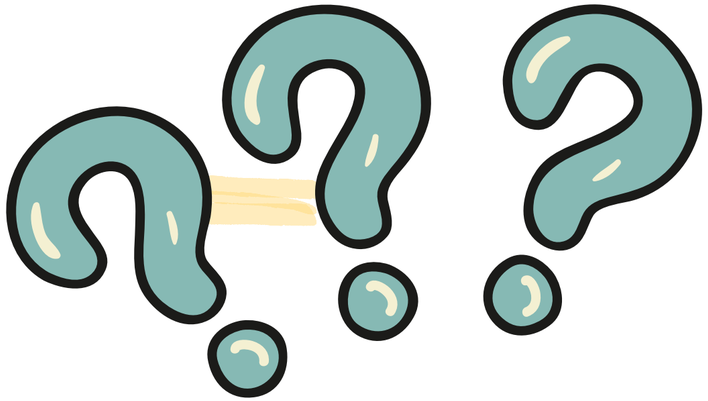
PDO stands for PHP Data Objects. It's a PHP extension that provides a uniform interface for accessing databases in PHP. PDO serves as a database access layer, allowing developers to interact with databases using a consistent set of functions regardless of the specific database management system (DBMS) being used.

Some key features and functionalities of PDO include

- Database Abstraction
- Prepared Statements
- Error Handling
- Database Driver Support
- Transaction Support

MySQLi

or



PDO

Based on your requirement

PDO will work on 12 different database systems, whereas MySQLi will only work with MySQL databases.

So, if you have to switch your project to use another database, PDO makes the process easy. You only have to change the connection string and a few queries.

With MySQLi, you will need to rewrite the entire code - queries included.