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# TechDoc#5: MyBatis

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## What is MyBatis?

MyBatis is a first class persistence framework with support for custom SQL, stored procedures and advanced mappings. MyBatis eliminates almost all of the JDBC code and manual setting of parameters and retrieval of results. MyBatis can use simple XML or Annotations for configuration and map primitives, Map interfaces and Java POJOs (Plain Old Java Objects) to database records.

## Why MyBatis?

One of the most powerful features of MyBatis has always been its Dynamic SQL capabilities. If you have any experience with JDBC or any similar framework, you understand how painful it is to conditionally concatenate strings of SQL together, making sure not to forget spaces or to omit a comma at the end of a list of columns. Dynamic SQL can be downright painful to deal with. While working with Dynamic SQL will never be a party, MyBatis certainly improves the situation with a powerful Dynamic SQL language that can be used within any mapped SQL statement.

## References:

- Tutorial 1: <https://www.javacodegeeks.com/2012/11/mybatis-tutorial-crud-operations-and-mapping-relationships-part-1.html>
- Tutorial 2: Annotation driven Mybatis usage: <https://www.concretepage.com/mybatis-3/mybatis-3-annotation-example-with-select-insert-update-and-delete>
- Official Doc: <http://www.mybatis.org/mybatis-3/getting-started.html>