Hibernate vs Spring Data JPA

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Hibernate vs Spring Data JPA

Hibernate is a java based ORM tool that provides a framework for mapping application domain objects to the relational database tables and vice versa.

Spring Data JPA is an abstraction layer on top of JPA to Reduce the amount of boilerplate code required to implement data access object (DAO) layer.

Hibernate is a JPA provider (JPA specification implementation). Spring Data JPA is not a JPA provider. It simply "hides" the Java Persistence API (and the JPA provider) behind its repository abstraction.

Spring Data JPA uses Hibernate as a default JPA provider.

Spring Data JPA cannot work without a JPA provider.

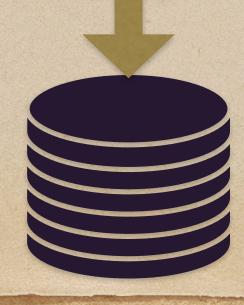
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Spring Data JPA JPA Hibernate **JDBC**

Spring Data JPA is an abstraction layer on top of JPA to Reduce the amount of boilerplate code required to implement data access object (DAO)

JPA is just a specification that facilitates objectrelational mapping to manage relational data in Java applications

Hibernate is a JPA Implementation



Hibernate generates SQL query and executes using JDBC