Hibernate

- description : Hibernate
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Hibernate ORM

Object/Relational Mapping

(Hibernate) ORM

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Object/Relational Mapping(ORM,　　　　　　　　　)　　　　　　　　　　　　　　　, JDBC

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JPA Provider

native API　　　　　　, Java Persistence API (JPA)

.

Java SE　　　　　, Java EE　　　　　　　　, Enterprise OSGI　　　　JPA

.

Idiomatic persistence (　　　　　　　　?)

(inheritance),　　　(polymorphism),　　(association),

(composition),　　　Java

(persistent classes)　　　　　　.

,

.

- Java

```java
public class Person {
    private String name;
    private String height;
    private String weight;
```

```
    private String ssn;
    // implement getter & setter methods
}
```

- iBatis

```
<SELECT id="getPerson" resultClass="net.agilejava.person.domain.Person">
    SELECT name, height, weight, ssn FROM USER WHERE name = #name#;
</select>
```

```
                                        .   , getPerson
net.agilejava.person.domain   Person                               .
```

- Hibernate

```
<hibernate-mapping>
    <class name="net.agilejava.person.domain.Person" table="Person">
        <id name="name" column="name"/>
        <property name="height" column="height"/>
        <property name="weight" column="weight"/>
        <property name="ssn" column="ssn"/>
    <class>
</hibernate-mapping>
```

Word

Hibernate : (   )   (   )   ,
ORM : Object Relational Mapping

Ref Link

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[DB]ORM (Object Relational Mapping)   ,

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