

# Hibernate

- description : Hibernate
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## Hibernate ORM

### Object/Relational Mapping

(Hibernate) ORM

Object/Relational Mapping(ORM, ) , JDBC

### JPA Provider

native API 가 , Java Persistence API (JPA)  
Java SE , Java EE , Enterprise OSGI JPA

### Idiomatic persistence ( ?)

(composition), Java (inheritance), (polymorphism), (association),  
(persistent classes)  
가

- 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>
```

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

- 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 : ( ) (冬眠) ,  
 ORM : Object Relational Mapping

## Ref Link

[Hibernate ORM](#)  
[Hibernate ORM - What is Object/Relational Mapping?](#)  
[\[DB\]ORM \(Object Relational Mapping\)](#) ,

, [Lenovo ThinkPad T15 Gen2](#)

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