Hibernate

Hibernate ORM

Object/Relational Mapping

(Hibernate) ORM

.

Object/Relational Mapping(ORM,)   , JDBC

.

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

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

   , Lenovo ThinkPad T15 Gen2