

XML ile Domain Model Metadata



Örnek HBM XML Dosyası

```
<?xml version="1.0"?>
<!DOCTYPE hibernate-mapping PUBLIC
    "-//Hibernate/Hibernate Mapping DTD//EN"
    "http://hibernate.sourceforge.net/hibernate-mapping-
3.0.dtd">
<hibernate-mapping>
    <class name="com.javaegitimleri.petclinic.model.Pet"
table="T_PET">
        <id name="id" column="ID" type="long">
            <generator class="assigned"/>
        </id>
        <property name="name" column="NAME" type="string"/>
    </class>
</hibernate-mapping>
```

Access Type (XML)

```
<hibernate-mapping>
  <class name="com.javaegitimleri.petclinic.model.Pet" table="T_PET">
    <id name="id" type="long" access="field">
      <column name="ID" />
      <generator class="assigned" />
    </id>
    <property name="name" type="string">
      <column name="PET_NAME" />
    </property>
  </class>
</hibernate-mapping>
```

field veya property ile belirlenir

Bileşke Primary Key (XML)

```
<hibernate-mapping>
  <class name="com.javaegitimleri.petclinic.model.User"
table="T_USER">
    <composite-id
class="com.javaegitimleri.petclinic.model.UserId" name="id">
        <key-property name="firstName" column="FIRST_NAME"
type="string"/>
        <key-property name="lastName" column="LAST_NAME"
type="string"/>
    </composite-id>
  </class>
</hibernate-mapping>
```

Bileşenlerin Eşleştirilmesi (XML)

```
<component name="homeAddress" class="com.javaegitimleri.petclinic.model.Address">

    <parent name="user" />

    <property name="street" type="string">
        <column name="ADDRESS_STREET" not-null="true" />
    </property>

    <property name="city" type="string">
        <column name="ADDRESS_CITY" not-null="true" />
    </property>

    <property name="zipcode" type="string">
        <column name="ADDRESS_ZIPCODE" not-null="true" />
    </property>

</component>
```

Bileşenler ve Secondary Table (XML)

```
<join table="T_ADDRESS">

    <key column="USER_ID"/>

    <component name="homeAddress"
class="com.javaegitimleri.petclinic.model.Address">
        <parent name="user" />

        <property name="street" type="string">
            <column name="ADDRESS_STREET" not-null="true" />
        </property>

        <property name="city" type="string">
            <column name="ADDRESS_CITY" not-null="true" />
        </property>

        <property name="zipcode" type="string">
            <column name="ADDRESS_ZIPCODE" not-null="true" />
        </property>
    </component>
</join>
```

MappedSuperClass (XML)

- hbm.xml'de bunun **tam bir karşılığı yoktur**
- Property tanımlarının ortaklanması için DTD'de **XML entity yöntemi** kullanılabilir

```
<id name="id" type="java.lang.Long">
  <column name="ID" />
  <generator class="assigned" />
</id>

<property name="version" type="int" access="field">
  <column name="VERSION" />
</property>
```

BaseEntity.xml dosyasının içeriği

```
<?xml version="1.0"?>
<!DOCTYPE hibernate-mapping PUBLIC "-//Hibernate/Hibernate Mapping DTD 3.0//EN"
"http://hibernate.sourceforge.net/hibernate-mapping-3.0.dtd"
[ <!ENTITY baseEntityProperties SYSTEM "classpath://com/javaegitimleri/petclinic/model/BaseEntity.xml"> ]
>

<hibernate-mapping>
  <class name="com.javaegitimleri.petclinic.model.Pet">
    &baseEntityProperties;
    <property name="name" type="java.lang.String">
      <column name="NAME" />
    </property>
    <property name="birthDate" type="java.util.Date">
      <column name="BIRTHDATE" />
    </property>
  </class>
</hibernate-mapping>
```

İletişim

- Harezmi Bilişim Çözümleri
- Kurumsal Java Eğitimleri
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