



CS544 EA

Hibernate

XML Mapping

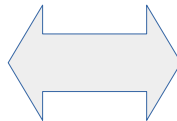
XML Mapping

- Like Spring it's also possible to provide all **meta-data** in XML instead of annotations
 - Same benefits: separate from code, no recompile
 - If both annotation and XML, XML wins
 - Less popular than Spring XML configuration

```

<?xml version="1.0" encoding="UTF-8" ?>
<entity-mappings
  xmlns="http://java.sun.com/xml/ns/persistence/orm"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://java.sun.com/xml/ns/persistence/orm
http://java.sun.com/xml/ns/persistence/orm_2_0.xsd"
  version="2.0">
  <entity class="cs544.hibernate02.xml.Customer" name="Customer" access="FIELD">
    <table name="CUSTOMERTABLE" />
    <attributes>
      <id name="id">
        <generated-value strategy="IDENTITY" />
      </id>
      <basic name="first" access="PROPERTY">
        <column name="FIRST_NAME" length="45" nullable="false" />
      </basic>
      <basic name="lastName">
        <column name="last" length="60", nullable="true"/>
      </basic>
      <basic name="birthDate">
        <temporal>DATE</temporal>
      </basic>
      <transient name="temp"/>
      <basic name="biography">
        <lob/>
      </basic>
    </attributes>
  </entity>
</entity-mappings>

```



```

@Entity(name="Customer")
@Table(name="CUSTOMERTABLE")
public class Customer {
    @Id
    @GeneratedValue
    private Long id;
    @Access(AccessType.PROPERTY)
    @Column(name="first", length=45, nullable=false)
    private String firstName;
    @Column(name="last", length=60, nullable=true)
    private String lastName;
    @Temporal(TemporalType.TIMESTAMP)
    private Date birthDate;
    @Transient
    private String temp;
    @Lob
    private String biography;
}

```