

Annotate Java Class

Hibernate Dev Process - To Do List

1. Add Hibernate Configuration file

2. Annotate Java Class

3. Develop Java Code to perform database operations



Terminology

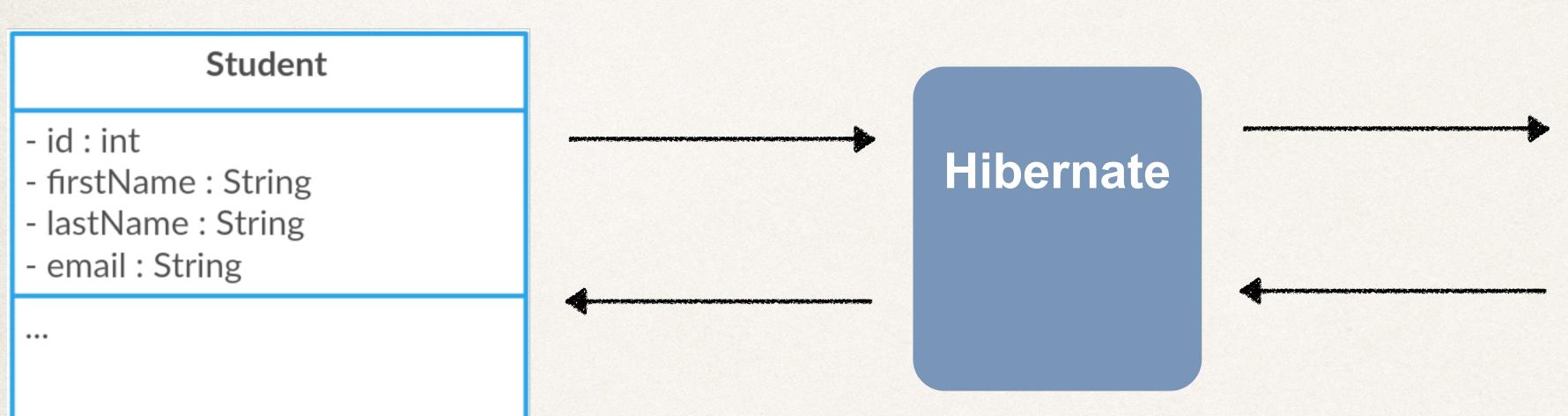
Entity Class

Java class that is mapped to a database table

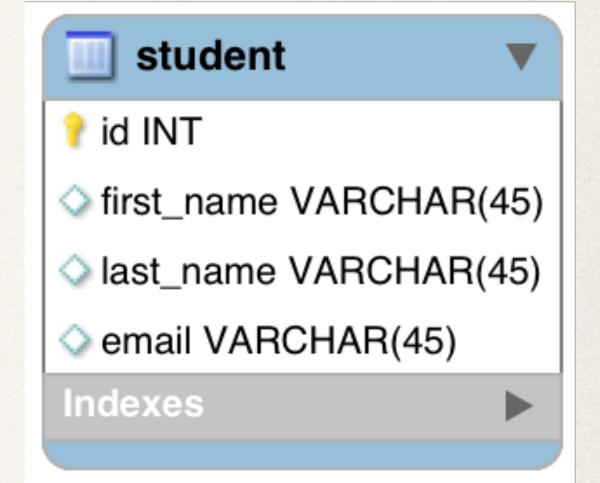


Object-to-Relational Mapping (ORM)

Java Class



Database Table





Two Options for Mapping

• Option 1: XML config file (legacy)

• Option 2: Java Annotations (modern, preferred)



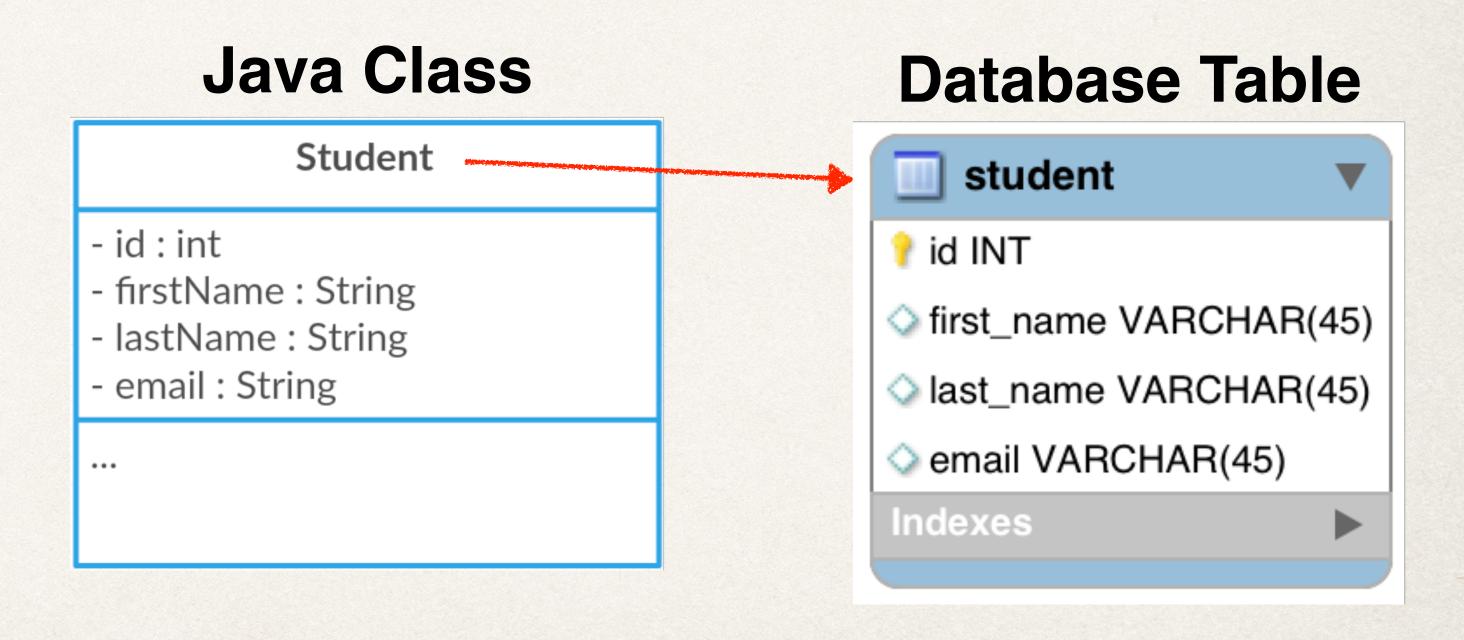
Java Annotations

- Step 1: Map class to database table
- Step 2: Map fields to database columns



Step 1: Map class to database table

```
@Entity
@Table(name="student")
public class Student {
   ...
}
```





Step 2: Map fields to database columns

```
@Entity
@Table(name="student")
public class Student {
  @ld
  @Column(name="id")
  private int id;
  @Column(name="first_name")
  private String firstName;
```

