

INHERITANCE AND HIBERNATE

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INHERITANCE EXAMPLE

```
class Member
{
    private Integer id;
    private String first_name;
    private String last_name;
}
```

```
class Student extends Member
{
    private Double avg_score;
}
```

```
class Professor extends Member
{
    private Double salary;
}
```

Types of inheritance

- Table per class hierarchy
- Table per subclass
- Table per concrete class

TABLE PER CLASS HIERARCHY (SINGLE_TABLE)

Member

- id
- first_name
- last_name
- avg_score
- salary
- discriminator

TABLE PER SUBCLASS (TABLE_PER_CLASS)

Student

- id_member
- first_name
- last_name
- avg_score

Professor

- id_member
- first_name
- last_name
- salary

TABLE PER CONCRETE CLASS (JOINED)

Member

- id
- first_name
- last_name

Student

- id_member
- avg_score

Professor

- id_member
- salary