



CS544 EA

Hibernate

Complex: Secondary Table

Secondary Tables

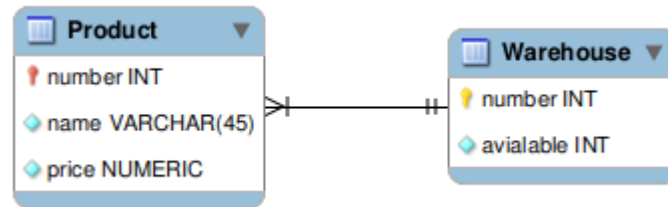
- Secondary Tables can be used anywhere
 - **Moves properties** into a separate table
 - Uses shared PK

@SecondaryTable specifies
table name

```
@Entity
@SecondaryTable(name="Warehouse")
public class Product {
    @Id
    @GeneratedValue
    private Long number;
    private String name;
    private double price;
    @Column(table="Warehouse")
    private boolean available;
    ...
}
```

Table="" on @Column

| Product |
|-------------|
| + number |
| + name |
| + price |
| + available |



Many Options

- Can specify **multiple tables**
 - Each table can specify **multiple PK join columns**
 - **Column names** on each side can differ

```
@Entity
@SecondaryTables(
    @SecondaryTable(name="Warehouse", pkJoinColumns= {
        @PrimaryKeyJoinColumn(name="product_id", referencedColumnName="number")
    })
)
public class Product {
    @Id
    @GeneratedValue
    private Long number;
    private String name;
    private double price;
    @Column(table="Warehouse")
    private boolean available;
    ...
}
```

