

Agenda

- ⇒ Create ScylProductService
- ⇒ JPA Queries.

Create
Read
Update
Delete

} from our own Database

Query Methods

- ↳ ORM. ⇒ Do a particular work
- ⇒ writes database queries on our behalf.

Q → JPA ⇒ hibernate

Declared Queries

- ⇒ No need to write SQL queries on our own
- ⇒ Just write method names.
- ⇒ ORM will create the queries based on the method names.

→ findById(-) }
→ findByTitle(-)

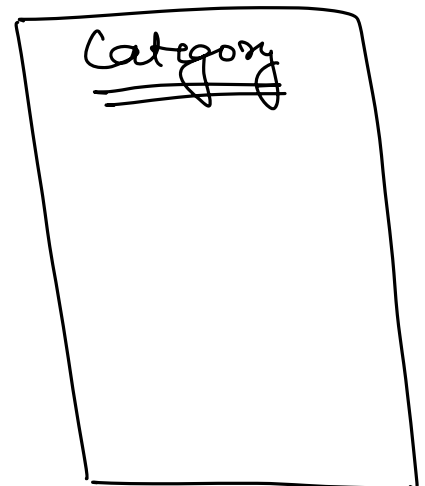
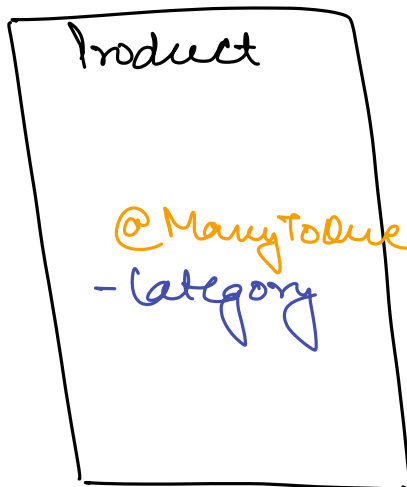
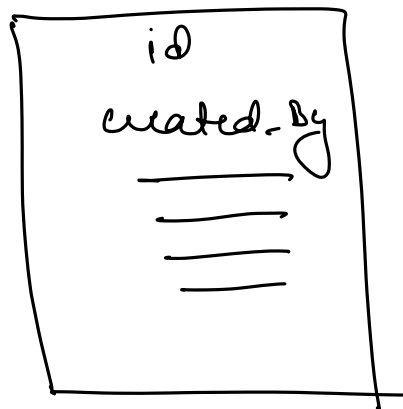
Products

| id | title | desc | | <u>Category id</u> |
|----|-------|------|------|--------------------|
| | | | | 10 |

Category

| |
|----|
| |
| 10 |
| |

@MappedSuperclass
BaseModel



findByid (id)

Product

Category $\begin{cases} \text{id} \\ \text{title} \end{cases}$

C
R ✓
U
D ✓

Save

Product

save (Product \textcircled{P})

Update

Insert

Saved Product

May or may not have
id

If we call save with a product that has
id

→ It will check if there is a product with
the given id in the Database or not

$\begin{cases} \text{Yes} \Rightarrow \text{Update} \\ \text{No} \Rightarrow \text{Insert} \end{cases}$