

Fetch types

```
class Category
```

```
    String name
```

```
    String desc
```

```
    List<Product> products
```

```
category = categoryRepository.findById(1);
```

(default)

only fetch primitive attr.

[lazy fetch]

fetch the products also.

[eager fetch]

products are all fetched.

Category.getProducts().

Now, it'll fetch products also

In the lazy fetch, only if you access products, they'll be fetched.

Whereas, In eager fetch all the products are loaded upfront.

```
class Category
```

```
    String name
```

```
    String desc
```

```
    @OneToMany(fetch = FetchType.EAGER)
```

```
    List<Product> products
```

* As a dev, I'll go to my db and make changes accordingly and continue working.

id	name	description	descr

* When I push the changes the same problem will be faced by other developers.

Solⁿ: Maintain db versions and db queries in the code itself.
flyway / liquibase.

How to use it

* Add dependencies to it; flyway core, flyway mysql.

* resources

↳ db migration

↳ v1__init.sql
↳ v2__init.sql

This contains all the queries of V1.

```
class Student {
    String name;
}
```

username

flyway changelog history.

← V1.
← V2

ddl -auto = create, update, validate.