

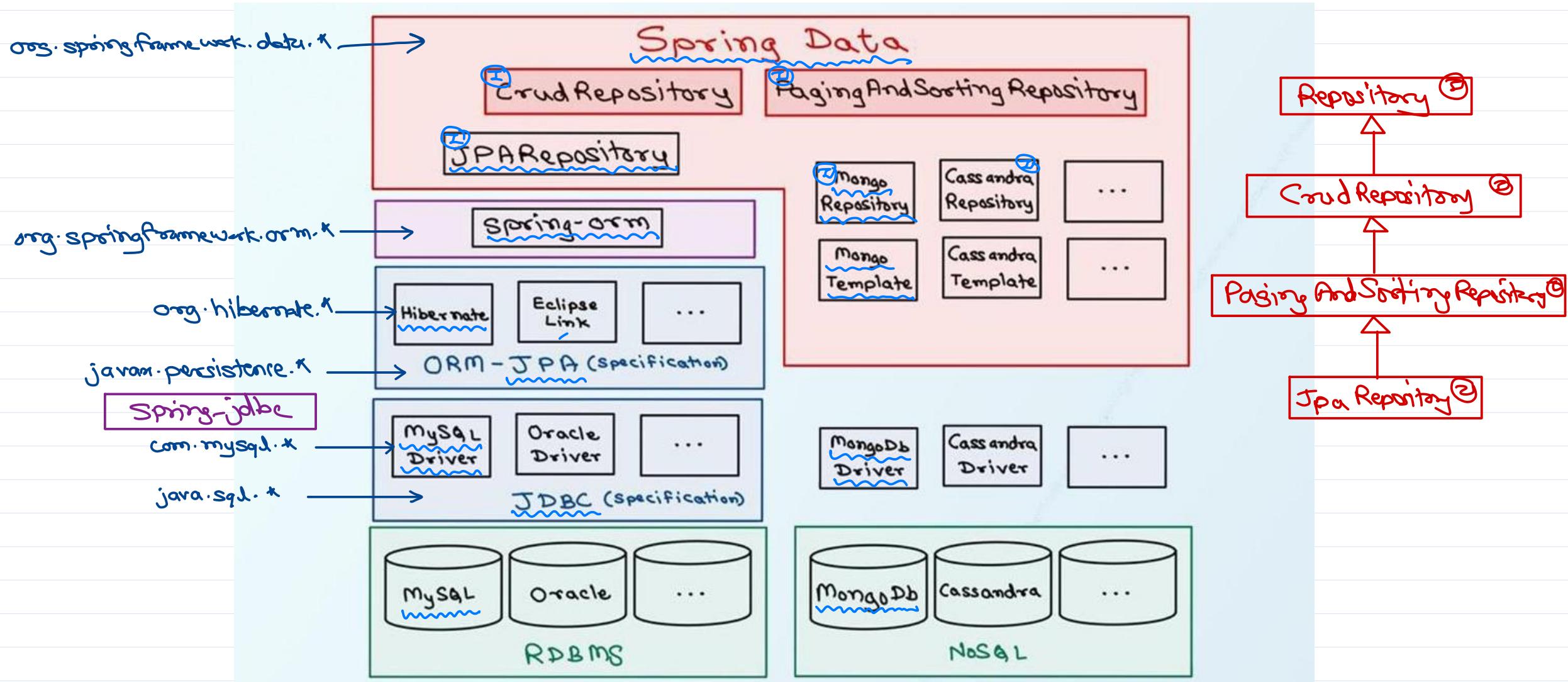


Advanced Java

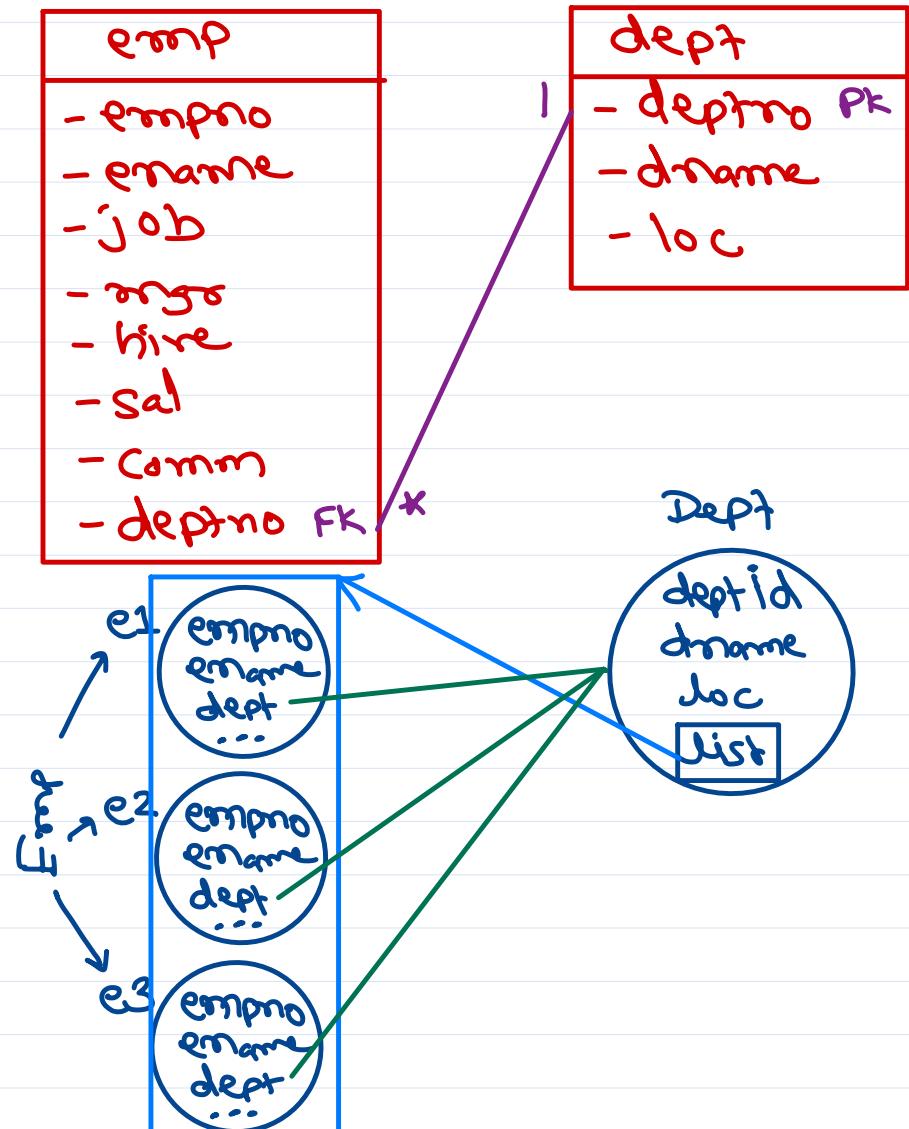
Trainer: Nilesh Ghule



Spring Data



OneToMany and ManyToOne



```
@Entity
class Dept {
    @Id
    int deptid;
    String dname;
    String loc;
    ...
}
```

3

Many To One

```
@Entity
class Emp {
    @Id
    int empno;
    String ename;
    double sal;
    @JoinColumn(name = "deptno")
    @ManyToOne
    Dept dept;
    ...
}
```

3

```
@Entity
class Dept {
    @Id
    int deptid;
    String dname;
    String loc;
    ...
}
```

3

OneToMany

```
* @Entity
class Emp {
    @Id
    int empno;
    String ename;
    double sal;
    int deptno;
    @JoinColumn(name = "deptno")
    @OneToMany
    List<Emp> emplist;
    ...
}
```

3



Bidirectional OneToMany and ManyToOne

```
@Entity  
class Dept {  
    @Id  
    int deptid;  
    String dname;  
    String loc;
```

```
@OneToMany(mappedBy = "dept")  
List<Emp> empList;  
...
```

Many To One
+
OneToMany

FK field
marked with 3

@ManyToOne
→ @JoinColumn

```
@Entity  
class Emp {  
    @Id  
    int empno;  
    String ename;  
    double sal;
```

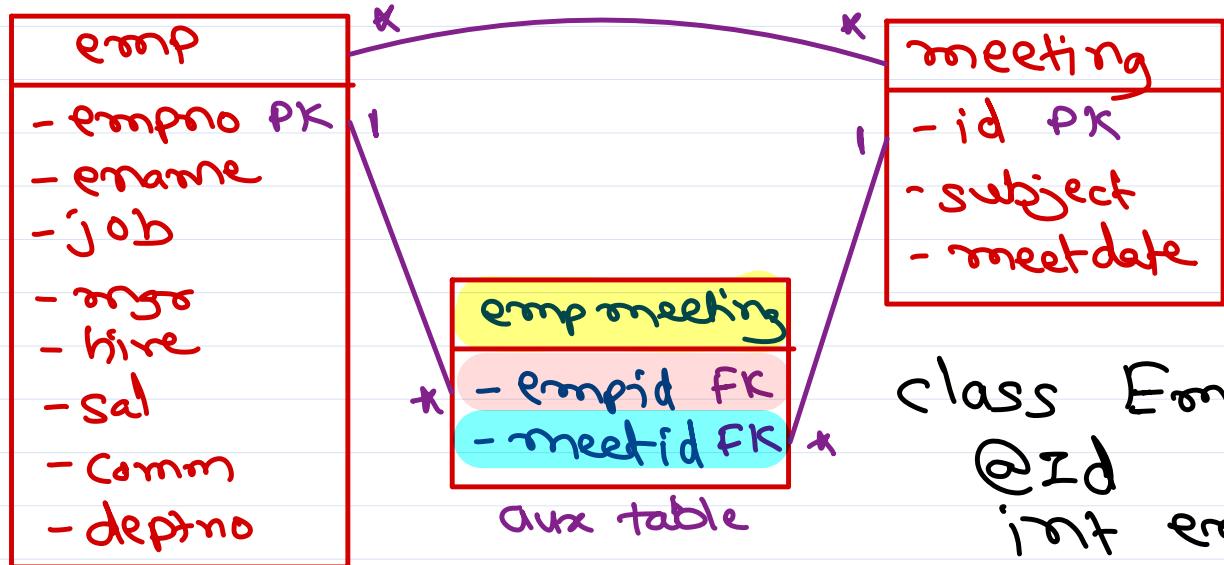
```
@JoinColumn(name = "deptno")
```

```
@ManyToOne  
Dept dept;  
...
```

FK column
name

3

ManyToMany



class Emp {
 @Id
 int empno;
 ...
 @JoinTable(name = "empmeeting",
 joinColumns = "empid",
 inverseJoinColumns = "meetid")
 @ManyToMany
 List<Meeting> meetList;
}

class Meeting {
 @Id
 int id;
 ...
}

@ManyToMany (
 mappedBy = "meetList")
List<Emp> empList;



Thank you!

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