

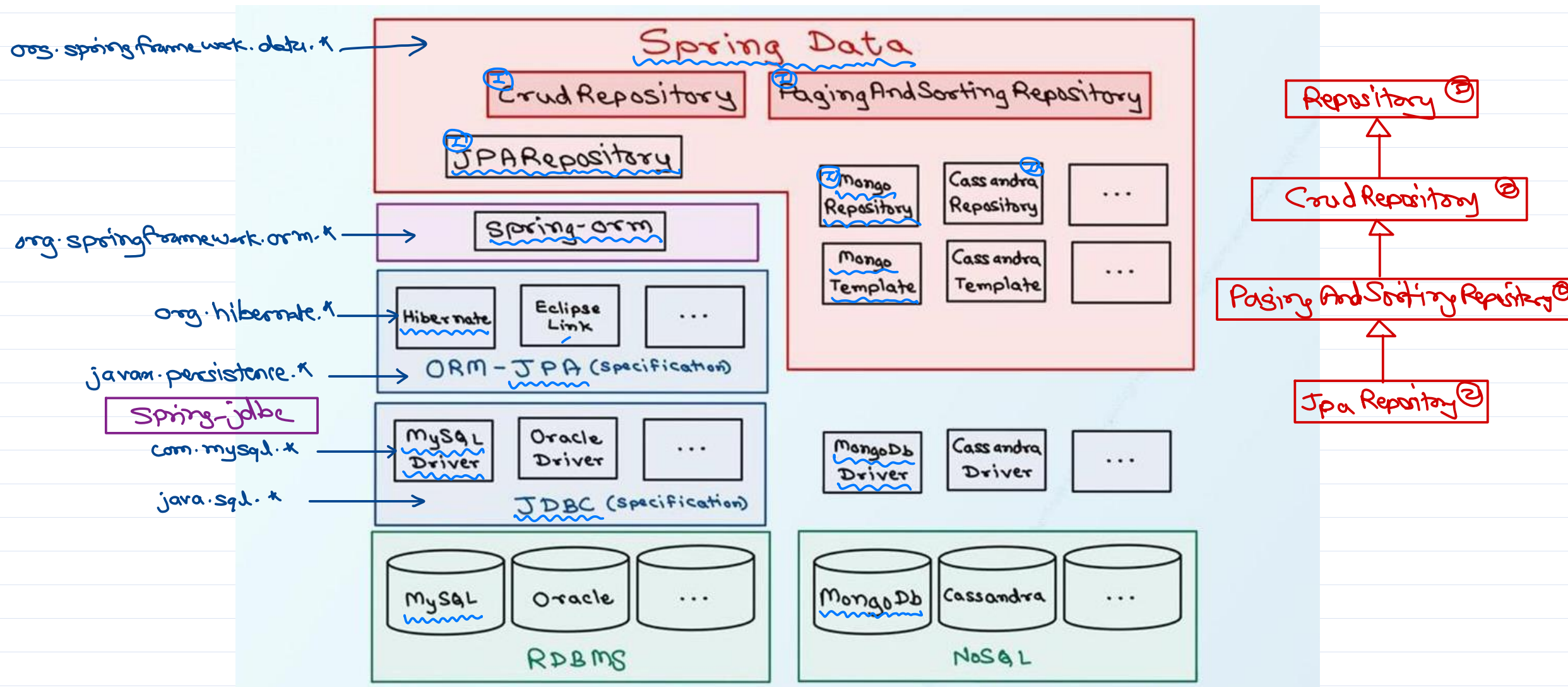


Advanced Java

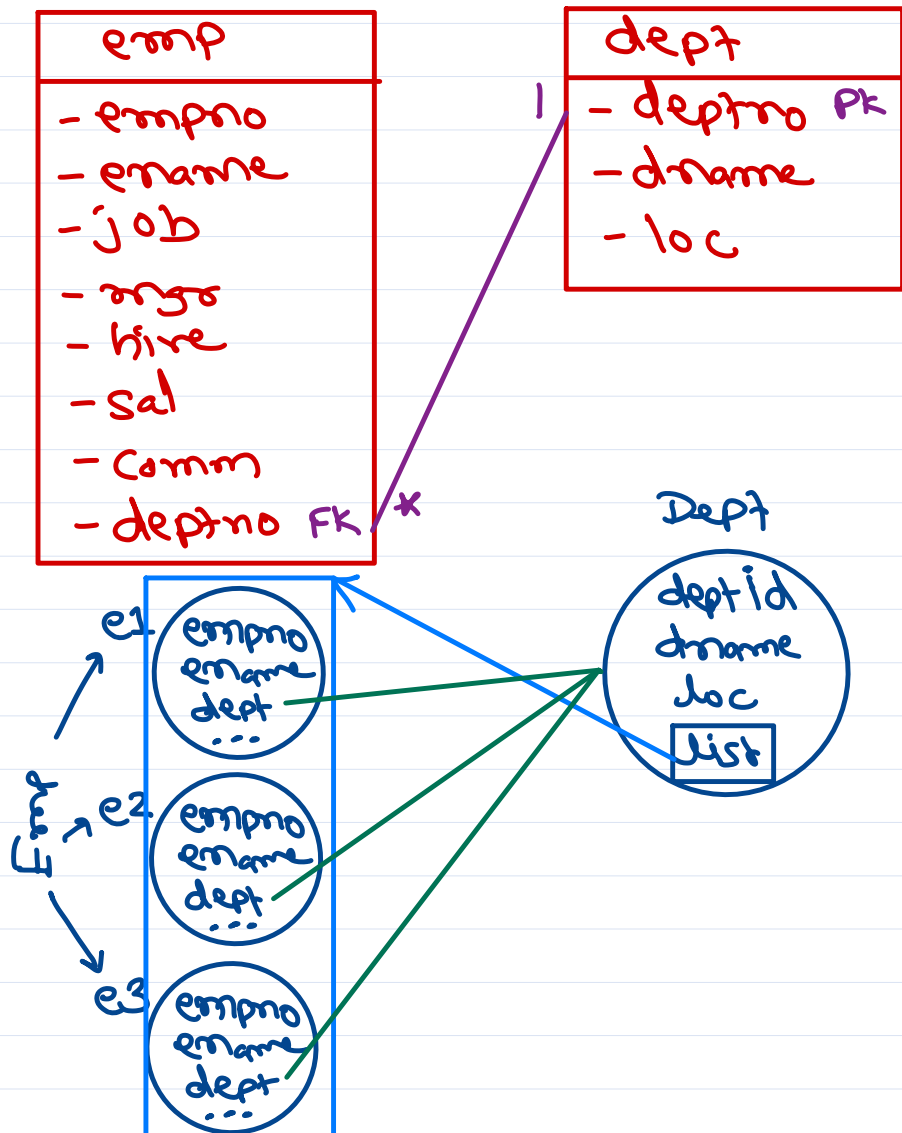
Trainer: Nilesh Ghule



Spring Data



OneToMany and ManyToOne



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

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

Many To One

FK column name

```
@Entity
class Dept {
    @Id
    int deptid;
    String dname;
    String loc;
    @JoinColumn(name = "deptno")
    @OneToMany
    List<Emp> empList;
    ...
}
```

```
@Entity
class Emp {
    * @Id
    int empno;
    String ename;
    double sal;
    int deptno;
    ...
}
```

One To Many

FK col in emp table



Bidirectional OneToMany and ManyToOne

@Entity
class Dept {

@Id
int deptid;
String dname;
String loc;

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

ManyToMany
+
OneToMany

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

@JoinColumn(name = "deptno")

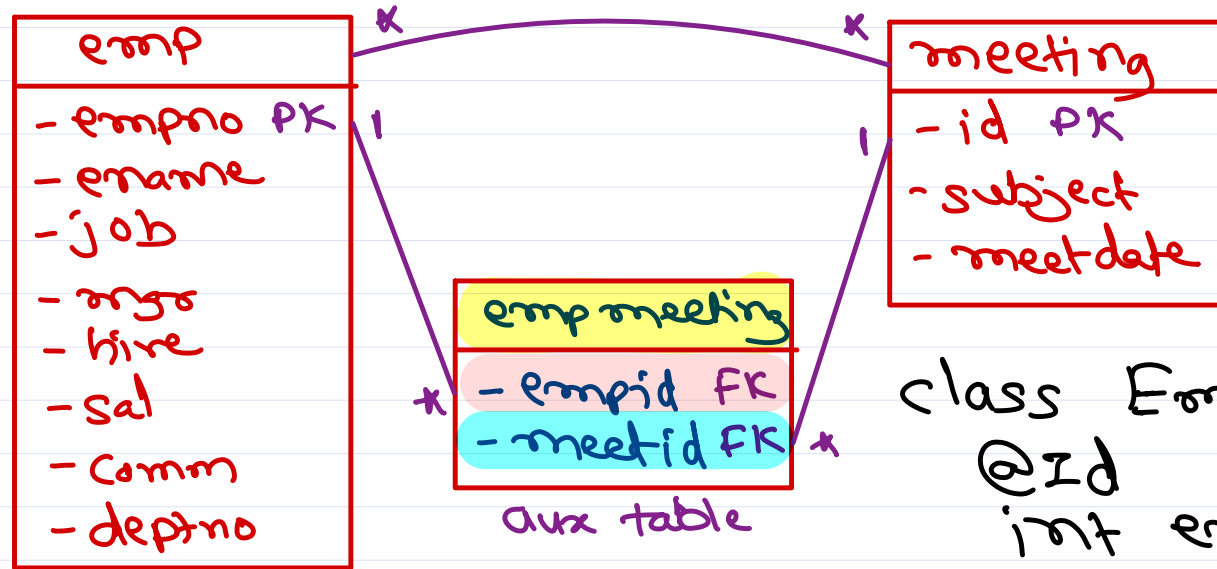
@ManyToOne
Dept dept;
...

FK column
name

FK field
marked with {
@ManyToOne + @JoinColumn



ManyToMany



```
class Emp {  
    @Id  
    int empno;  
    ...  
}
```

```
@JoinTable(name = "emp_meeting",  
            joinColumns = "empid",  
            inverseJoinColumns = "meetid")
```

```
@ManyToMany  
List<Meeting> meetList;
```

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

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



Thank you!

Nilesh Ghule <nilesh@sunbeaminfo.com>

