```java
@Service
@Scope("prototype")
public class SampleService {

}


@Service
public class AService {
    @Autowired
    SampleService s;
}

@Service
public class BService {
    @Autowired
    SampleService s;
}
```
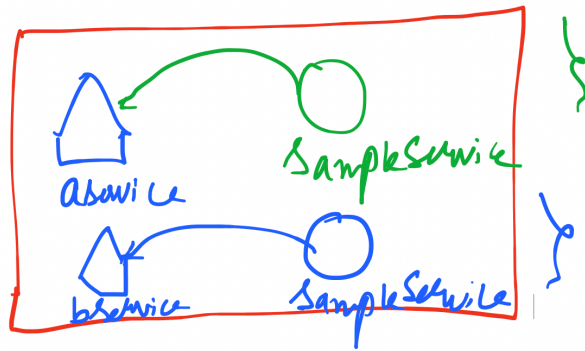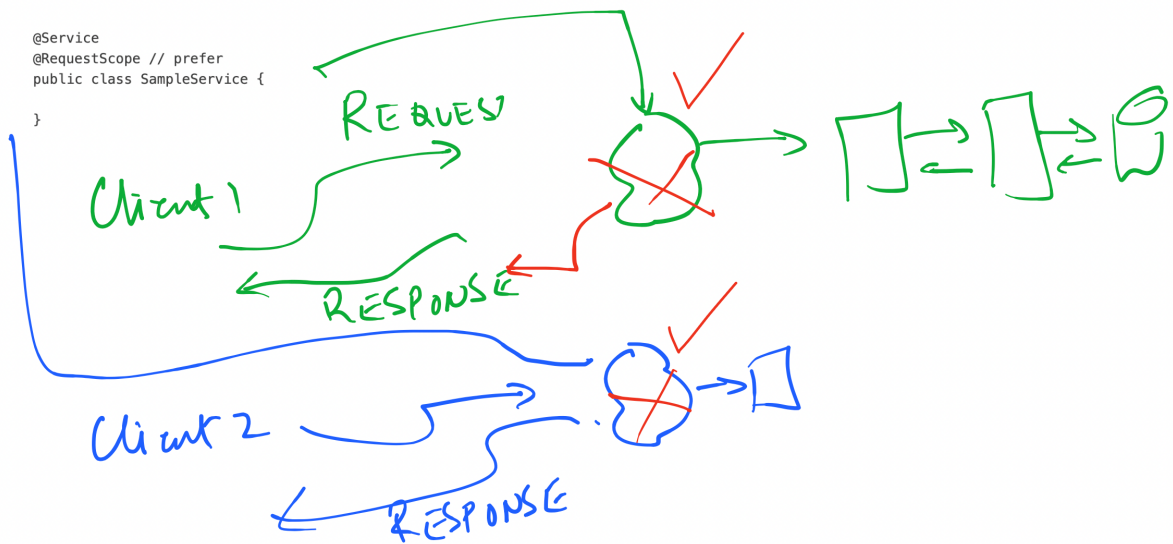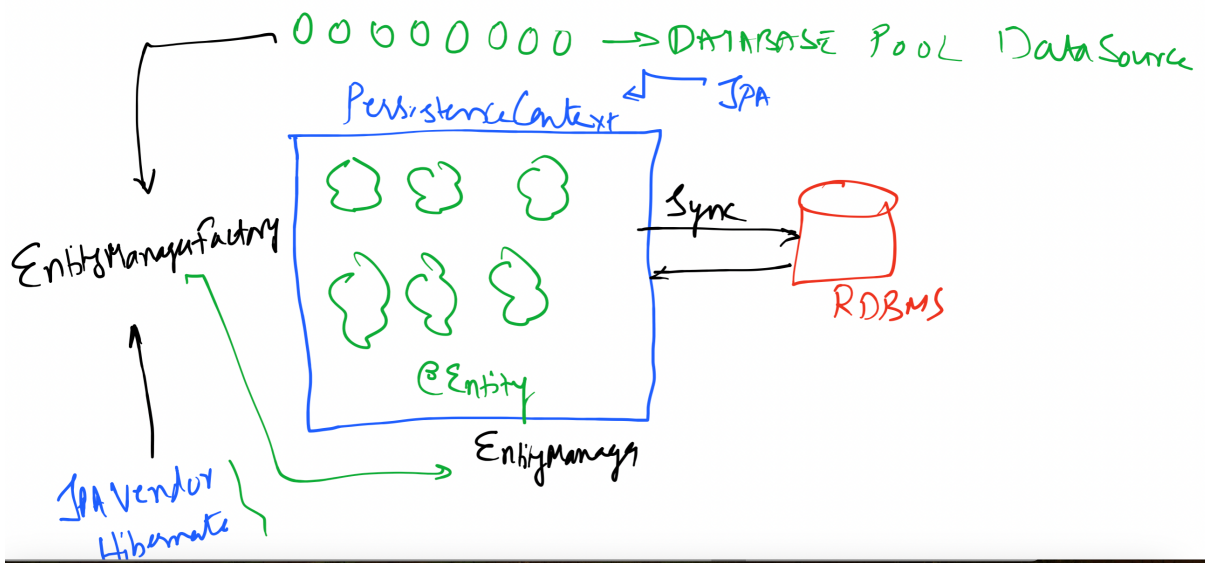
```java
@Service
@RequestScope // prefer
public class SampleService {

}
```
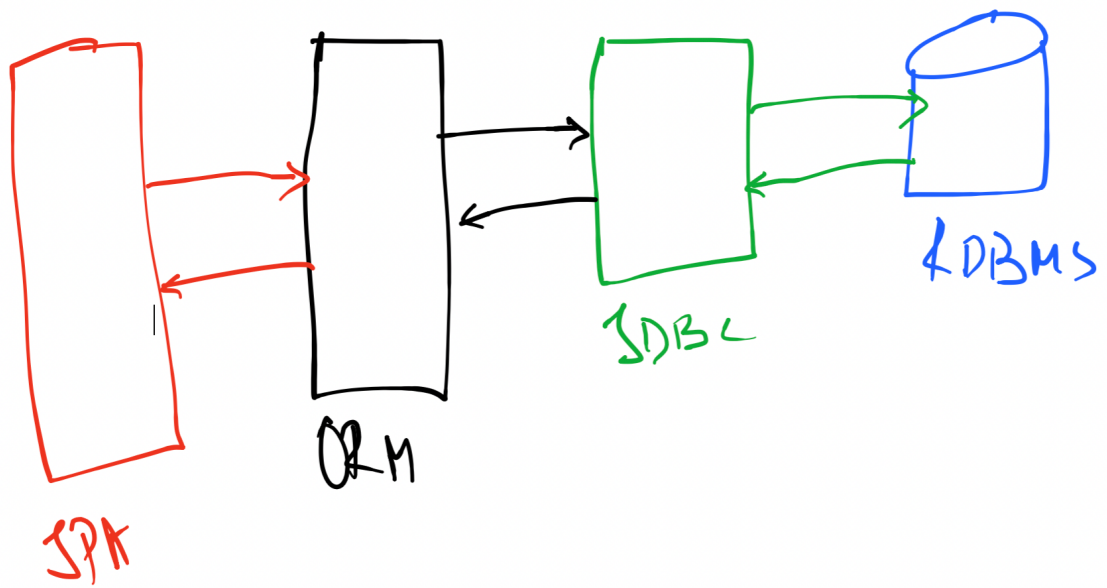
JPA

ORM

JDBC

RDBMS

O O O O O O O O → DATABASE POOL DataSource

PersistenceContext ← JPA

EntityManagerfactory

@Entity

EntityManager

Sync

RDBMS

JPA Vendor
Hibernate

JP-QL

```java
@Entity
@Table(name="books")
public class Book {
    @Id
    private String isbn; // column is isbn

    private String title; // column title

    @Column(name="amount")
    private double price; // column amount

    private int quantity;
}
```

from Book

from Book where price = 100

select name, price from Book

from Object

SQL

books

| isbn | title | amount | — |

select * from books

select * from books where amount = 100;

select name, amount from books