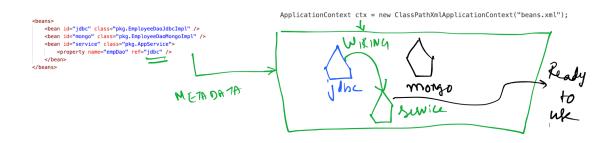
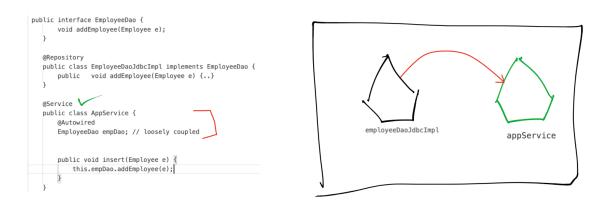
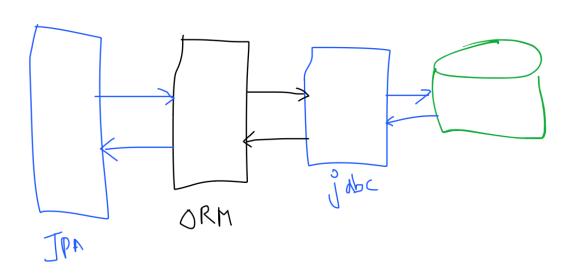
```
public interface EmployeeDao {
    void addEmployee(Employee e);
}

public class EmployeeDaoJdbcImpl implements EmployeeDao {
    public void addEmployee(Employee e) {...}
}

public class EmployeeDaoMongoImpl implements EmployeeDao {
    public void insert(Employee e) {
        public void addEmployee(e);
    }
}
```

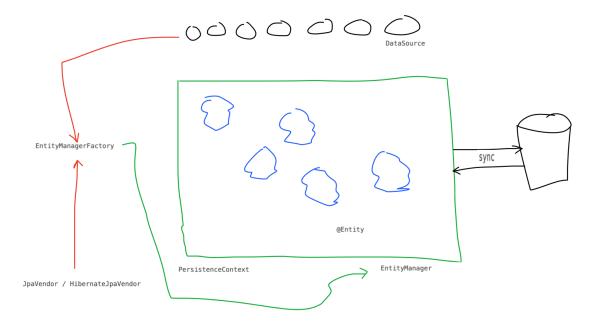






```
@Verride
public void addProduct(Product product) throws DameException {
   Connection con = mult;
   try (Connection con = mult)
   try (String SQL = "MSERT INTO products (id, name, price, quantity) VALUES(0, 7, 7, 7)";
   con = DBUIL.]petConnection(1);
   preparedStatement ps = con.prepareStatement(SQL);
   ps.setTring(1, product.petPrice(1));
   ps.setDouble(2, product.getPrice(1));
   ps.setCout(3, product.petPrice(1));
   ps.setCoute(pdatac());
   cath (SqLEErception ex) {
      if(ex.getErrorCode() ==302) {
            throw new DameException("Product with given id: " + product.getId() + " already exists!!",
            } else if(ex.getErrorCode() == 1054) {
            throw new DameException("Unable to add Product!!", ex);
      }
    }
    finally {
        DBUIL.closeConnection(con);
    }
}
```

```
public void addProduct(Product product) {
    em.persist(product);
}
```



SQL

- 1) Get all customers
 select * from customers
- 2) Get first name and lastname customers select fname, lname from customers

JPQL

```
@Entity
@Table(name="sustomers")
public class Customer {
   @Id
   private String email; // PRIMARY KEY
   @Column(name="FHAME", length = 100)
   private String firstName;
   @Column(name="LHAME", length = 100)
   private String lastName;
```

- 1) Get all customers from Customer
- 2) Get first name and lastname customers select firstName, lastName from Customer

