

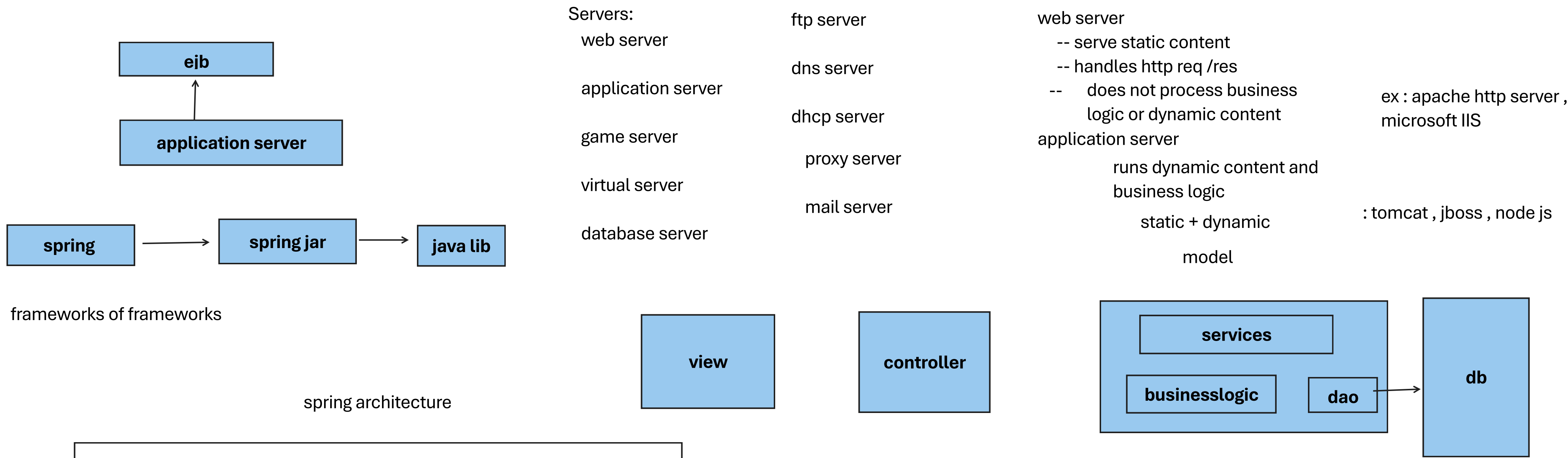
Framework : ready made architecture

Spring : red jhonson
org : spring .org / pivtol

Spring : lightweight framework for entp. application

interface 21 --> spring

Ejb :



Problem with spring

spring is huge

multiple steps for setup

multiple configuration steps

multiple build and deploy steps

Maven :

By default spring will try autowire on basis of class type.

CASE 1 Try to inject on basis on beanName

```
public class Dept
{
    private String deptName="AI"
    private Employee employeeBean;
    @Autowired
    Dept(Employee employeeBean1)
    {
        this.employeeBean = employeeBean1
    }
}
```

it is not supported after Spring 6.1.0



CASE 2:

```
public class Dept
{
    private String deptName="AI"
    private Employee employeeBean;
    @Autowired
    Dept(Employee employeeBean)
    {
        this.employeeBean = employeeBean
    }
}
```

it iwll inject Primary Bean

Case 3

@Qualifier

it is used with bean name matching with
spring context bean name

```
public class Dept
{
    private String deptName="AI"
    private Employee employeeBean;
    @Autowired
    Dept( @Qualifier("EmployeeBean3") Employee employeeBean)
    {
        this.employeeBean = employeeBean
    }
}
```

IT will happend if 2 beans are waiting for each to create inside spring
context in order to do autowiring

Circular Dependency

```
public class Dept
{
    private String deptName="AI"
    private Employee employeeBean;
    @Autowired
    Dept( Employee employeeBean)
    {
        this.employeeBean = employeeBean
    }
}
```

```
public class Employee
{
    private String empName;
    private Dept department;

    @Autowired
    Employee(Dept department)
    {
        this. department = department;
    }
}
```

UnsatisfiedDependencyException