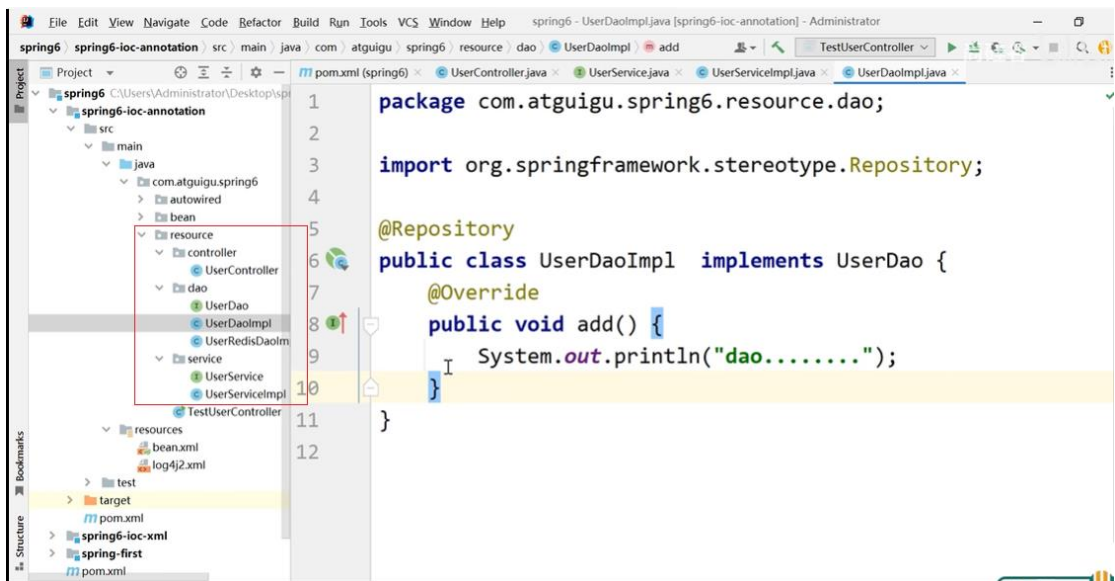




注意两者的区别和在父工程中引入依赖的包。

环境准备：

- 1、引入依赖的包，上图有内容
- 2、复制一份相同的结构，删除之前的包：



根据名称注入：

spring6 - UserRedisDaoImpl.java [spring6-ioc-annotation] - Administrator

6-ioc-annotation > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

com.atguigu.spring6.resource.TestUserController

Project: spring6 (C:\Users\Administrator\Desktop\spring6-ioc-annotation) > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

```
1 package com.atguigu.spring6.resource.dao;
2
3 import org.springframework.stereotype.Repository;
4
5 @Repository("myUserRedisDao")
6 public class UserRedisDaoImpl implements UserDao {
7     @Override
8     public void add() { System.out.println("dao redis...");
9 }
10
11
12
```

Structure: spring6 > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

Bookmarks: pom.xml, spring6-ioc.xml, cnrino-first

abc

spring6 - UserRedisDaoImpl.java [spring6-ioc-annotation] - Administrator

6-ioc-annotation > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

com.atguigu.spring6.resource.TestUserController

Project: spring6 (C:\Users\Administrator\Desktop\spring6-ioc-annotation) > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

```
1 package com.atguigu.spring6.resource.dao;
2
3 import org.springframework.stereotype.Repository;
4
5 @Repository("myUserRedisDao")
6 public class UserRedisDaoImpl implements UserDao {
7     @Override
8     public void add() { System.out.println("dao redis...");
9 }
10
11
12
```

Structure: spring6 > src > main > java > com > atguigu > spring6 > resource > dao > UserRedisDaoImpl

Bookmarks: pom.xml, spring6-ioc.xml, cnrino-first

abc

```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - UserController.java [spring6-ic
spring6 > spring6-ioc-annotation > src > main > java > com > atguigu > spring6 > resource > controller > UserController > add
UserController.java x UserService.java x UserServiceImpl.java x UserDaoImpl.java x
Project
3 usages
7 @Controller
8 public class UserController {
9
10 //根据名称进行注入
11 @Resource(name = "myUserService")
12 private UserService userService;
13
14 public void add() {
15     System.out.println("controller.....");
16     userService.add();
17 }
18 }
```

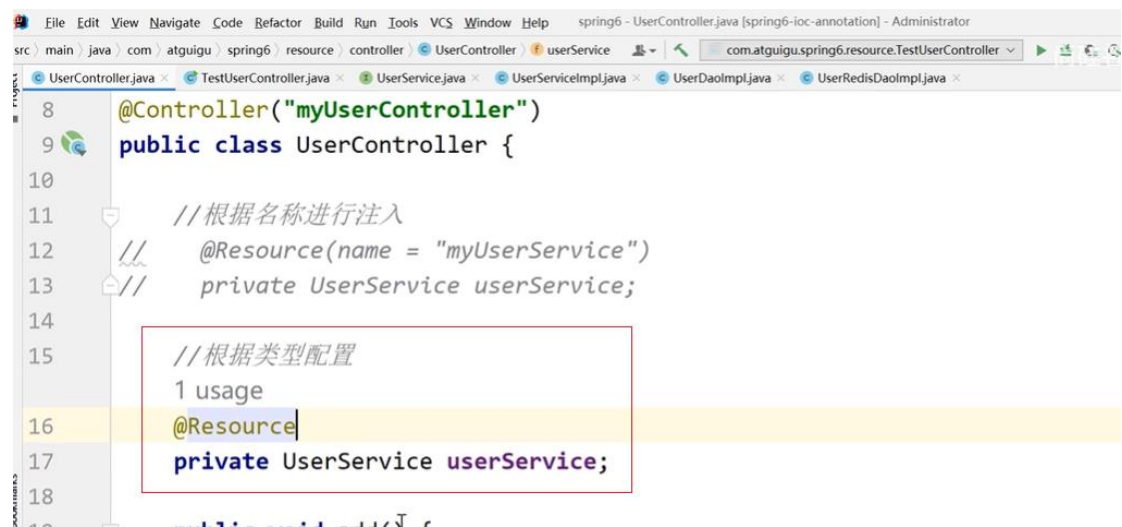
```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - UserServiceImpl.java [spring6-ioc-annotation] - Adn
spring6 > spring6-ioc-annotation > src > main > java > com > atguigu > spring6 > resource > service > UserServiceImpl
UserController.java x UserService.java x UserServiceImpl.java x UserDaoImpl.java x
Project
1 package com.atguigu.spring6.resource.service;
2
3 import ...
4
5 @Service("myUserService")
6 public class UserServiceImpl implements UserService {
7
8
9
10
11
12 @Override
13 public void add() {
14     System.out.println("service.....");
15     // userDao.add();
16 }
17 }
18 }
```

根据属性名称注入：

```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - spring6-annotation [spring6-annotation] - Admini
spring6 > spring6-annotation > src > main > java > com > atguigu > spring6 > resource > dao > UserDaoImpl > add
UserController.java x UserService.java x UserServiceImpl.java x UserDaoImpl.java x
1 package com.atguigu.spring6.resource.dao;
2
3 import org.springframework.stereotype.Repository;
4
5 @Repository("myUserDao")
6 public class UserDaoImpl implements UserDao {
7     @Override
8     public void add() {
9         System.out.println("dao.....");
10    }
11 }
12
```

```
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help spring6 - UserServiceImpl.java [spring6-annotation] - Admini
spring6 > spring6-annotation > src > main > java > com > atguigu > spring6 > resource > service > UserServiceImpl > myUserDao > TestUse
UserController.java x UserService.java x UserServiceImpl.java x UserDaoImpl.java x
9 @Service("myUserService")
10 public class UserServiceImpl implements UserService {
11
12     // 不指定名称，根据属性名称进行注入
13     1 usage
14     @Resource
15     private UserDao myUserDao;
16
17     @Override
18     public void add() {
19         System.out.println("service.....");
20         myUserDao.add();
21     }
22 }
```

根据类型进行匹配：



```
8 @Controller("myUserController")
9 public class UserController {
10
11     // 根据名称进行注入
12     // @Resource(name = "myUserService")
13     // private UserService userService;
14
15     // 根据类型配置
16     @Resource
17     private UserService userService;
18
19 }
```

总结:

@Resource注解: 默认byName注入, 没有指定name时把属性名当做name, 根据name找不到时, 才会byType注入。byType注入时, 某种类型的Bean只能有一个