

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

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

```
public class EmployeeDaoMongoImpl implements EmployeeDao {
    public addEmployee(Employee e) {
        ...
    }
}
```

```
beans.xml
<beans>
    <bean id="jdbc" class="pkg.EmployeeDaoJdbcImpl" />
    <bean id="mongo" class="pkg.EmployeeDaoMongoImpl" />
    <bean id="service" class="pkg.AppService" >
        <property name="employeeDao" ref="jdbc" />
    </bean>
</beans>
```

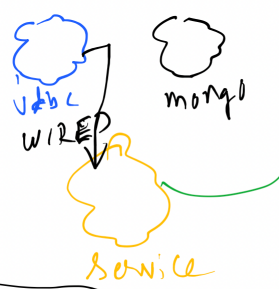
setEmployeeDao(jdbc)

```
public class AppService {
    private EmployeeDao empDao;
    public void setEmployeeDao(EmployeeDao dao) {
        this.empDao = dao;
    }

    public void doTask(Employee e) {
        empDao.addEmployee(e);
    }
}
```

spring container

metadata



READY TO USE

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

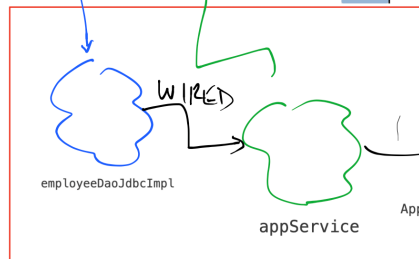
```
@Repository
public class EmployeeDaoJdbcImpl implements EmployeeDao {
    public addEmployee(Employee e) {
        ...
    }
}
```

- 1) @Component
- 2) @Repository
- 3) @Service
- 4) @Controller
- 5) @RestController
- 6) @Configuration
- 7) @ControllerAdvice

```
@Service
public class AppService {
    @Autowired
    private EmployeeDao empDao;
    public void doTask(Employee e) {
        empDao.addEmployee(e);
    }
}
```

WIRE

```
ApplicationContext ctx = new AnnotationConfigApplicationContext();
ctx.scan("com.adobe");
```



READY TO USE

```
AppService service = ctx.getBean("appService", AppService.class);
```

SPRING CONTAINER