第一步：创建工程 用Maven archetype或正常new module

若package包不完整，则手动创建

若创建完发现项目没加入到Maven工程中，则右键点灰色的pom文件，将其添加到Maven项目中

后在pom文件中添加依赖

若导入的依赖包变红，点击Maven管理刷新或下载doc+src

在main中创建实体类User

在java主程序中创建mapper接口，继承mybatis的basemapper并使用User实体类

在resource资源文件中创建spring的配置文件 application.yml

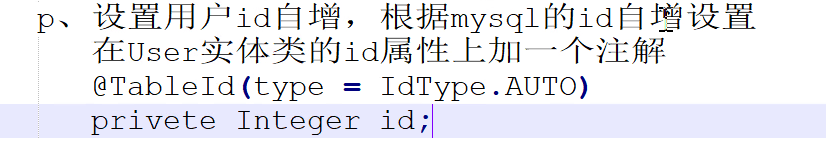
spring:  
 datasource:  
 type: com.zaxxer.hikari.HikariDataSource  
 driver-class-name: com.mysql.cj.jdbc.Driver  
 url: jdbc:mysql://localhost:3306/shy\_db?characterEncoding=utf-8  
 username: root  
 password: shy582546

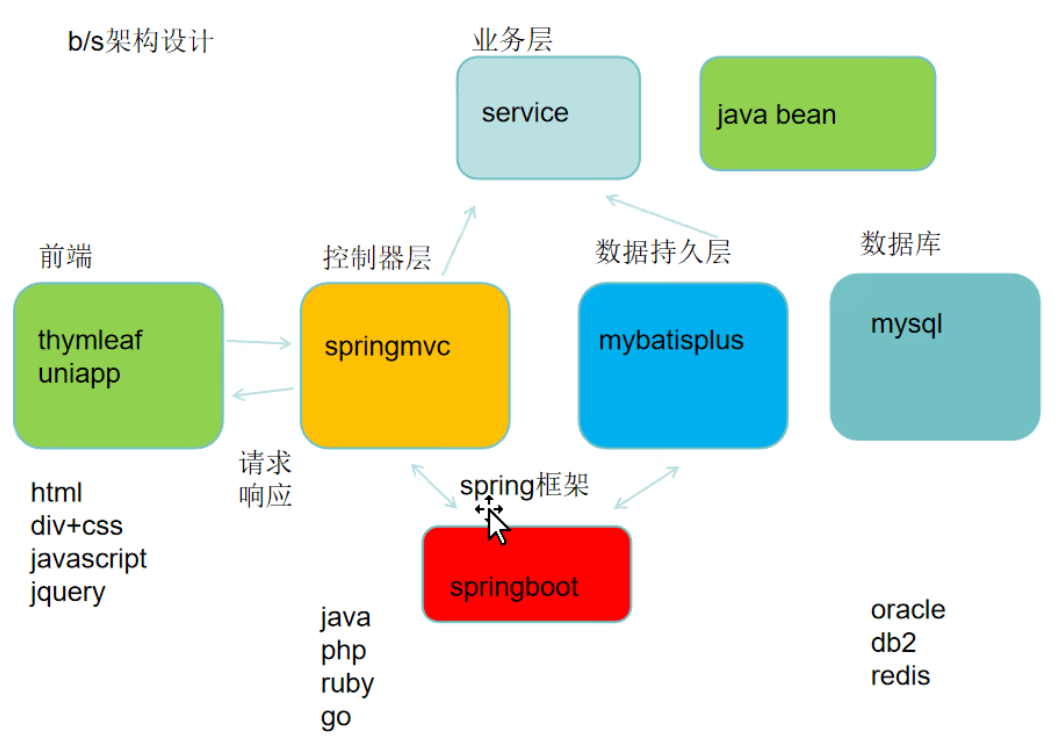
注意空格

在test里创建mappertest类

在上面加上springtest注解后new一个mapper对象

创建springboot入口主程序





Service层方法封装

Service接口

@Service  
public interface StudentService extends IService<Student> {  
}

service类实现

@Service  
public class StudentServiceImpl extends ServiceImpl<StudentMapper, Student> implements StudentService {  
}

Controller层实现：

package com.cq.shihaod.controller;  
  
import com.cq.shihaod.Service.StudentService;  
import com.cq.shihaod.pojo.Student;  
import org.apiguardian.api.API;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.lang.NonNullApi;  
import org.springframework.stereotype.Controller;  
import org.springframework.web.bind.annotation.PostMapping;  
import org.springframework.web.bind.annotation.RequestMapping;  
import org.springframework.web.bind.annotation.RestController;  
import java.util.List;  
  
@RestController  
@RequestMapping("/student")  
public class StudentController {  
 @Autowired  
 public StudentService studentService;  
  
 //hello springboot  
 @RequestMapping("/hello")  
 public String hello()  
 {  
 return "hello springboot";  
 }  
  
 @RequestMapping("/print")  
 public List<Student> getList()  
 {  
 // 查询所有用户  
 List<Student> users = studentService.list(); // 调用 list 方法  
 return users;  
 }  
  
 @RequestMapping("/num")  
 public String gerNum()  
 {  
 long total = studentService.count();  
 return "There are "+total+" Students!";  
 }  
  
}

必须return

Application.yml

server:  
 port: 8080  
spring:  
 datasource:  
 type: com.zaxxer.hikari.HikariDataSource  
 driver-class-name: com.mysql.cj.jdbc.Driver  
 url: jdbc:mysql://localhost:3306/shy\_db?characterEncoding=utf-8  
 username: root  
 password: shy582546