

springboot 和 mybatis

创建项目

create-springboot-project: <https://iovhm.com/book/books/bbcbf/page/create-springboot-project>

创建mybatis-plus项目

springboot 和 mybatis-plus <https://iovhm.com/book/books/bbcbf/page/springboot-mybatis-plus>

配置文件

创建create-springboot-project项目

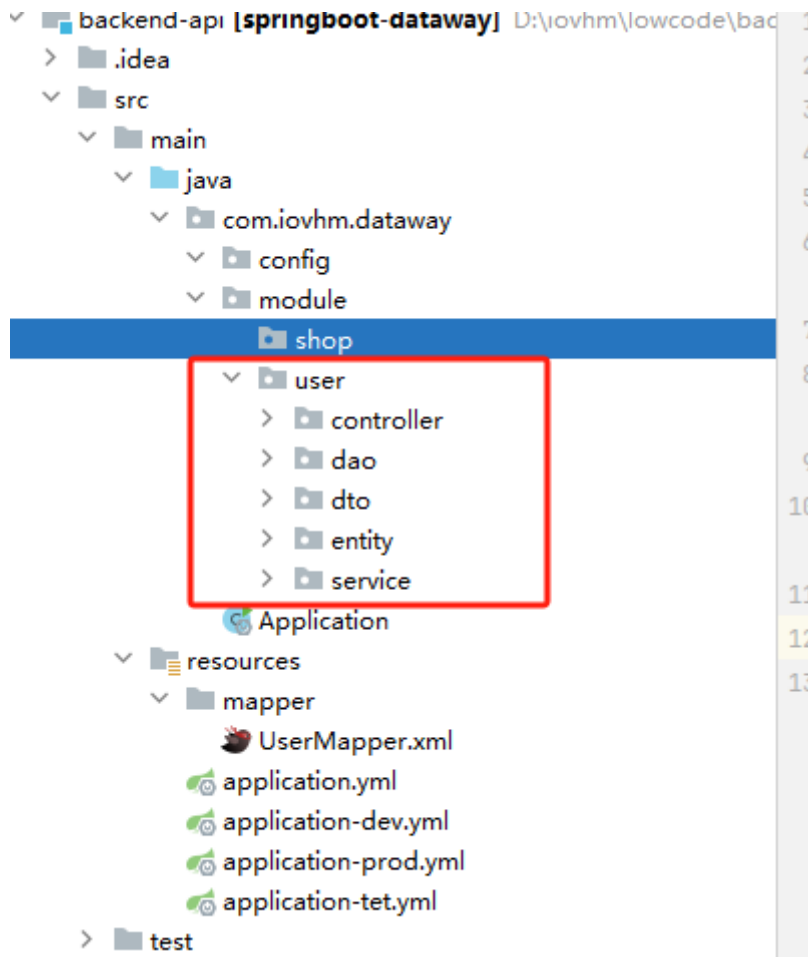
```
# application.yml
spring:
  autoconfigure:
    # 排除Spring Boot的自动配置
    exclude: org.springframework.boot.autoconfigure.jdbc.DataSourceAutoConfiguration
```

数据库配置

- entity: 实体类
- DAO: 数据访问层, 使用spring-boot的JdbcTemplate和Mybatis的Mapper
- DTO: 数据传输对象, 用于entity和entity之间的数据传输

数据库连接

数据库连接



pom

```
<!--mysql-->
<dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>8.0.30</version>
</dependency>
<!--mybatis-->
<!-- mybatis plus mybatis mybatis plus -->
<dependency>
    <groupId>org.mybatis.spring.boot</groupId>
    <artifactId>mybatis-spring-boot-starter</artifactId>
    <version>3.0.3</version>
</dependency>
```



```
spring:
  datasource:
    url: jdbc:mysql://127.0.0.1:33306/dataway?charset=utf8mb4&serverTimezone=Asia/Shanghai
    username: <root>
    password: <password>
    driver-class-name: com.mysql.cj.jdbc.Driver
```



名称	类型	长度	小数点	不是 null	虚拟	键	注释
id	int	11		<input checked="" type="checkbox"/>	<input type="checkbox"/>	1	
name	varchar	255		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
age	int	11		<input type="checkbox"/>	<input type="checkbox"/>		
email	varchar	255		<input type="checkbox"/>	<input type="checkbox"/>		

Entity

@Data

```
@Data
public class UserEntity {
    private Integer id;
    private String name;
    private Integer age;
    private String email;
}
```

DTO

DTO@Data)Entity

```

@Data
public class UserDTO extends UserEntity {

}

```

DaoMapper

`@Mapper` MapperEntityDTO

```

@Mapper
public interface UserMapper {

    @Select("SELECT * FROM user")
    List<UserEntity> selectList();

}

```

Controller

```

//
@RequestMapping("/")
// Controller
@RestController
@Slf4j
public class HomeController {

    private final UserMapper userMapper;

    public HomeController(UserMapper userMapper) {
        this.userMapper = userMapper;
    }

    @RequestMapping("/")
    public Object hello() {

```

```
        List list =userMapper.selectList();  
        return list;  
    }  
}
```

Application

```
@MapperScan("com.iovhm.dataaway.**.dao")
```

```
@SpringBootApplication  
@MapperScan("com.iovhm.dataaway.**.dao")  
public class Application {  
    public static void main(String[] args) {  
        SpringApplication.run(Application.class);  
    }  
}
```

#21

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