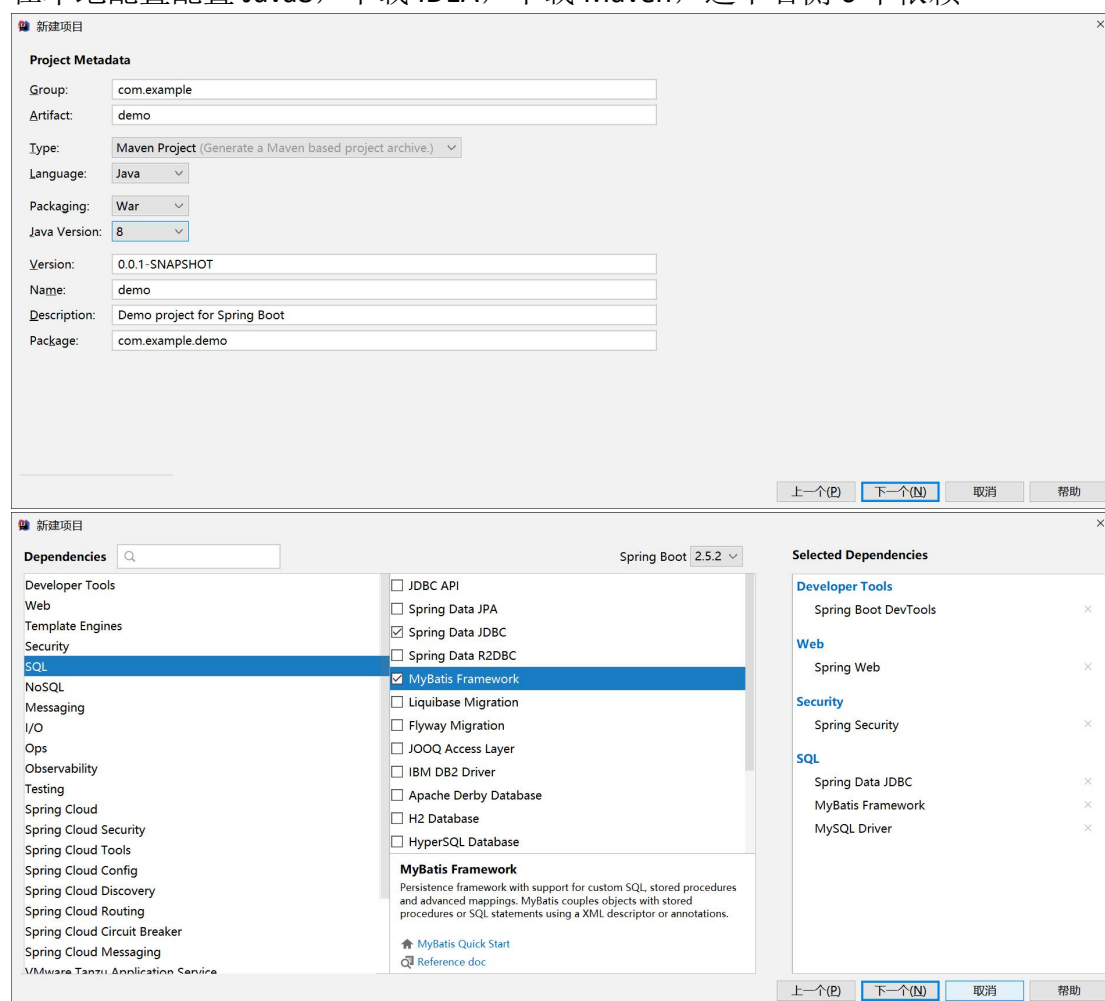


# MyBatisPlus 中文教程

## 1. 创建 Spring+Maven 项目

在本地配置配置 Java8，下载 IDEA，下载 Maven，选中右侧 6 个依赖



## 2. 修改 pom.xml，在原有 dependencies 基础上加入这些

```
<dependency>
<groupId>com.baomidou</groupId>
<artifactId>mybatis-plus-boot-starter</artifactId>
<version>3.4.3</version>
</dependency>
<dependency>
<groupId>com.baomidou</groupId>
<artifactId>mybatis-plus-generator</artifactId>
<version>3.4.1</version>
</dependency>
<dependency>
<groupId>org.apache.velocity</groupId>
<artifactId>velocity-engine-core</artifactId>
<version>2.3</version>
```

```
</dependency>
<dependency>
<groupId>junit</groupId>
<artifactId>junit</artifactId>
<version>4.12</version>
</dependency>
```

### 3. 在 test 创建 **CodeGenerator.java** 用于自动从数据库读取数据生成 **controller、entity、mapper、service**

```
package com.neusoft.ram;

import com.baomidou.mybatisplus.core.exceptions.MybatisPlusException;
import com.baomidou.mybatisplus.core.toolkit.StringPool;
import com.baomidou.mybatisplus.generator.AutoGenerator;
import com.baomidou.mybatisplus.generator.InjectionConfig;
import com.baomidou.mybatisplus.generator.config.*;
import com.baomidou.mybatisplus.generator.config.po.TableInfo;
import com.baomidou.mybatisplus.generator.config.rules.NamingStrategy;
import org.junit.platform.commons.util.StringUtils;

import java.util.ArrayList;
import java.util.List;
import java.util.Scanner;

public class CodeGenerator {
    public static String scanner(String tip) {
        Scanner scanner = new Scanner(System.in);
        StringBuilder help = new StringBuilder();
        help.append("please input " + tip + ": ");
        System.out.println(help.toString());
        if (scanner.hasNext()) {
            String ipt = scanner.next();
            if (StringUtils.isNotBlank(ipt)) {
                return ipt;
            }
        }
        throw new MybatisPlusException("请输入正确的" + tip + " !");
    }

    public static void main(String[] args) {
        // 代码生成器
        AutoGenerator mpg = new AutoGenerator();

        // 全局配置
```

```

GlobalConfiggc=newGlobalConfig();
StringprojectPath=System.getProperty("user.dir");
gc.setOutputDir(projectPath+"/src/main/java");
gc.setAuthor("Rocky");
gc.setOpen(false);
//gc.setSwagger2(true);实体属性 Swagger2 注解
mpg.setGlobalConfig(gc);

//数据源配置
DataSourceConfigdsc=newDataSourceConfig();
dsc.setUrl("jdbc:mysql://127.0.0.1:3306/ram?useUnicode=true&characterEncoding=utf-8&serverTimezone=UTC&useSSL=false&allowPublicKeyRetrieval=true");
dsc.setDriverName("com.mysql.cj.jdbc.Driver");
dsc.setUsername("root");
dsc.setPassword("qwertyuiop");
mpg.setDataSource(dsc);

//包配置
PackageConfigpc=newPackageConfig();
pc.setModuleName(scanner("module name"));
pc.setParent("com.neusoft");
mpg.setPackageInfo(pc);

//自定义配置
InjectionConfigcfg=newInjectionConfig(){
    @Override
    publicvoidinitMap(){
        //todonothing
    }
};

//如果模板引擎是 velocity
StringtemplatePath="/templates/mapper.xml.vm";

//自定义输出配置
List<FileOutConfig>focList=newArrayList<>();
//自定义配置会被优先输出
focList.add(newFileOutConfig(templatePath){
    @Override
    publicStringoutputFile(TableInfotableInfo){
        //自定义输出文件名，如果你 Entity 设置了前后缀、此处注意 xml 的名称会跟着发生变化!!
        returnprojectPath+"/src/main/resources/com/neusoft/"+pc.getModuleName()+"/mapper"
        +"/"+tableInfo.getEntityName()+"Mapper"+StringPool.DOT_XML;
    }
}

```

```

});
cfg.setFileOutConfigList(focList);
mpg.setCfg(cfg);

//配置模板
TemplateConfigtemplateConfig=newTemplateConfig();

templateConfig.setXml(null);
mpg.setTemplate(templateConfig);

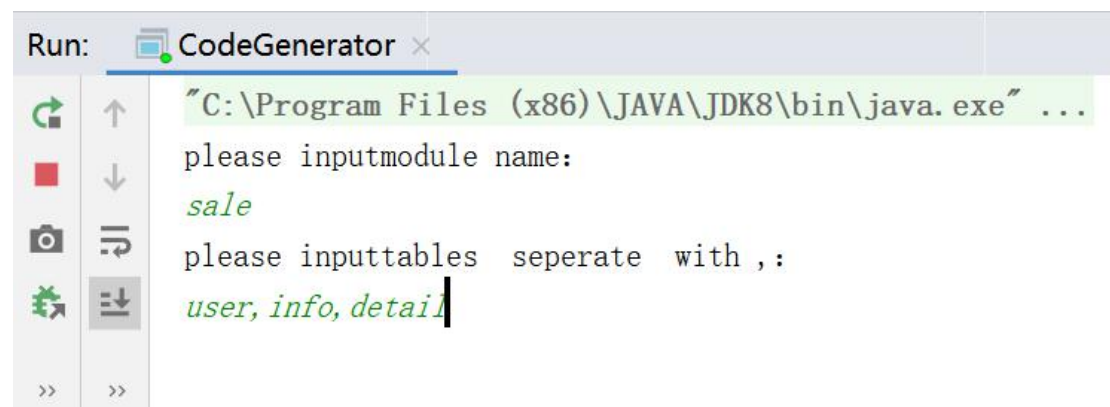
//策略配置
StrategyConfigstrategy=newStrategyConfig();
strategy.setNaming(NamingStrategy.underline_to_camel);
strategy.setColumnNaming(NamingStrategy.underline_to_camel);
strategy.setRestControllerStyle(true);
strategy.setInclude(scanner("tableseperatewith,").split(","));
strategy.setControllerMappingHyphenStyle(true);
strategy.setTablePrefix(pc.getModuleName()+"_");
mpg.setStrategy(strategy);
mpg.execute();
}

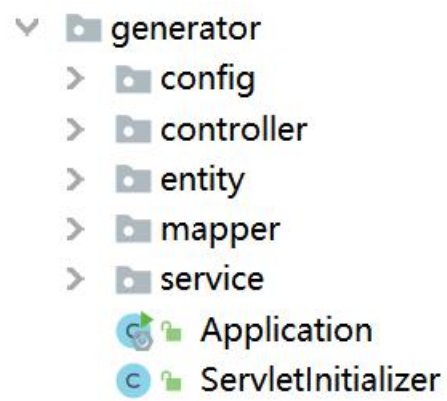
}

```

4. 红色部分注意要修改里面的数据，改成自己实际的配置

5. 运行 CodeGenerator





## 6. 成功完成 MyBatisPlus 自动创建