



链滴

重温 MyBatis(一) —— 快速开始

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原文链接: <https://ld246.com/article/1497349107851>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

数据库

创建表结构

```
CREATE TABLE bd_emp(  
  id INT(11) PRIMARY KEY AUTO_INCREMENT,  
  last_name VARCHAR(255),  
  gender CHAR(1),  
  email VARCHAR(255)  
)
```

初始化测试数据

```
INSERT INTO `bd_emp` VALUES ('1', 'zhangsan', '0', 'zhangsan@163.com');  
INSERT INTO `bd_emp` VALUES ('2', 'lisi', '1', 'lisi@qq.com');
```

开发环境

引入maven依赖

```
<properties>  
  <java-version>1.7</java-version>  
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>  
  <mybatis.version>3.4.4</mybatis.version>  
  <mysql.version>5.1.38</mysql.version>  
  <slf4j.version>1.7.23</slf4j.version>  
  <log4j.version>1.2.17</log4j.version>  
  <junit.version>4.12</junit.version>  
</properties>  
  
<dependencies>  
  <dependency>  
    <groupId>junit</groupId>  
    <artifactId>junit</artifactId>  
    <version>${junit.version}</version>  
    <scope>test</scope>  
  </dependency>  
  <dependency>  
    <groupId>mysql</groupId>  
    <artifactId>mysql-connector-java</artifactId>  
    <version>${mysql.version}</version>  
  </dependency>  
  
  <dependency>  
    <groupId>org.mybatis</groupId>  
    <artifactId>mybatis</artifactId>  
    <version>${mybatis.version}</version>
```

```
</dependency>

<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-api</artifactId>
  <version>${slf4j.version}</version>
</dependency>
<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-log4j12</artifactId>
  <version>${slf4j.version}</version>
</dependency>
<dependency>
  <groupId>log4j</groupId>
  <artifactId>log4j</artifactId>
  <version>${log4j.version}</version>
</dependency>
</dependencies>
```

创建java bean

```
package study.mybatis.bean;
```

```
public class Emp {

    private Integer id;
    private String lastName;
    private String gender;
    private String email;

    //省略get、set
}
```

jdbc.properties

```
driver=com.mysql.jdbc.Driver
url=jdbc:mysql://localhost:3306/mybatis
username=root
password=123456
```

log4j.properties

```
log4j.rootLogger = DEBUG, stdout
log4j.appender.stdout = org.apache.log4j.ConsoleAppender
log4j.appender.stdout.Target=System.err
log4j.appender.stdout.layout = org.apache.log4j.PatternLayout
log4j.appender.stdout.layout.ConversionPattern = %d[%-5p] %c - %m%n
```

mybatis-config.xml

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE configuration
  PUBLIC "-//mybatis.org//DTD Config 3.0//EN"
  "http://mybatis.org/dtd/mybatis-3-config.dtd">
<configuration>
  <!-- 引入外部资源 -->
  <properties resource="jdbc.properties"> </properties>

  <environments default="development">
    <environment id="development">
      <transactionManager type="JDBC" />
      <dataSource type="POOLED">
        <property name="driver" value="${driver}" />
        <property name="url" value="${url}" />
        <property name="username" value="${username}" />
        <property name="password" value="${password}" />
      </dataSource>
    </environment>
  </environments>
</configuration>
```

EmpDao.xml

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE mapper
  PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
  "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="study.mybatis.dao.EmpDao">

  <select id="queryById" resultType="study.mybatis.bean.Emp" parameterType="int">
    select * from bd_emp where id=#{id}
  </select>

</mapper>
```

添加映射到主配置文件

```
<mappers>
  <mapper resource="mapper/EmpDao.xml"/>
</mappers>
```

测试执行

```
String resource = "mybatis-config.xml";
InputStream inputStream = Resources.getResourceAsStream(resource);
SqlSessionFactory sqlSessionFactory = new SqlSessionFactoryBuilder().build(inputStream);
SqlSession sqlSession = sqlSessionFactory.openSession();
Emp emp = sqlSession.selectOne("study.mybatis.dao.EmpDao.queryById", 1);
sqlSession.close();
```

```
System.out.println(emp.toString());
```