

# MYBATIS - ENVIRONMENT

[http://www.tutorialspoint.com/mybatis/mybatis\\_environment.htm](http://www.tutorialspoint.com/mybatis/mybatis_environment.htm)

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You would have to set up a proper environment for MyBatis before starting off with the actual development work. This chapter explains how to set up a working environment for MyBatis.

## MyBatis Installation

Carry out the following simple steps to install MyBatis on your machine –

- Download the latest version of MyBatis from [Download MYBATIS](#).
- Download the latest version of mysqlconnector from [Download MySQL Connector](#).
- Unzip the downloaded files to extract .jar files and keep them in appropriate folders/directory.
- Set CLASSPATH variable for the extracted .jar files appropriately.

## Database Setup

Create an EMPLOYEE table in any MySQL database using the following syntax –

```
mysql> DROP TABLE IF EXISTS details.student;  
CREATE TABLE  details.student(  
  ID int(10) NOT NULL AUTO_INCREMENT,  
  NAME varchar(100) NOT NULL,  
  BRANCH varchar(255) NOT NULL,  
  PERCENTAGE int(3) NOT NULL,  
  PHONE int(10) NOT NULL,  
  EMAIL varchar(255) NOT NULL,  
  PRIMARY KEY ( ID )  
);
```

## MyBatis Eclipse Setup

If you want to develop MyBatis Application using eclipse, carry out the following steps –

**Step 1: Open eclipse and create an enterprise application project**

**Step 2: Configure it as maven project**

**Step 3: Copy the content given below in the pom.xml**

```
<project xmlns = "http://maven.apache.org/POM/4.0.0" xmlns:xsi =  
"http://www.w3.org/2001/XMLSchema-instance"  
  xsi:schemaLocation = "http://maven.apache.org/POM/4.0.0  
http://maven.apache.org/xsd/maven-4.0.0.xsd">  
  
  <modelVersion>4.0.0</modelVersion>  
  <groupId>mybatisfinalexamples</groupId>  
  <artifactId>mybatisfinalexamples</artifactId>  
  <version>0.0.1-SNAPSHOT</version>  
  
  <build>  
    <sourceDirectory>src</sourceDirectory>
```

```
<plugins>
  <plugin>
    <artifactId>maven-compiler-plugin</artifactId>
    <version>3.1</version>
    <configuration>
      <source>1.8</source>
      <target>1.8</target>
    </configuration>
  </plugin>
</plugins>

</build>

<dependencies>

  <dependency>
    <groupId>org.mybatis</groupId>
    <artifactId>mybatis</artifactId>
    <version>3.3.0</version>
  </dependency>

  <dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>5.1.6</version>
  </dependency>

</dependencies>

</project>
```