

# Example applications run and build instructions.

**IMPORTANT:** These instructions are only for the example applications that use the MySQLMobile.dll or MySQLMobile.lib files directly. You can find instructions for the other example applications in the other instruction guide.

This guide will help you to successfully run the example applications that have been included in the MySQLMobile package. It also provides you with information on how to manually build the example applications. You can use this information when you start incorporating MySQLMobile into your own applications.

## Preface

The MySQLMobile DLL and LIB has been compiled for ARM processors. This means that you can not use the traditional Windows Mobile X86 emulator to develop, but there are two alternatives:

1. A real device
2. The Microsoft Device Emulator

This emulator comes with Visual Studio.NET but it's also available for free on Microsoft's website. It works in combination with so-called "emulator images" that are available for free also. This emulator will emulate the ARM processor so you're able to develop with MySQLMobile.

## Running the test application

Copy the test application to the device. For example, the eVC++ application, *TestApp\_eVC.exe*

If you're using the DLL:

Before you run the test application, you need to make sure that MySQLMobile.dll is on the device and is located in the same directory as the test application. The easiest way to do this is, is by pressing the "Explore" button in ActiveSync and copy it manually.

You can now run the test application. An example is shown at the bottom of this document.

If you're using the LIB:

MySQLMobile will be linked statically with your application so you will only need that exe to run the application.

## Compiling the test application

Open the test application in your development environment, for example eVC 4. When you need to change parts of the source code, now is the time to do so.

After you are done, build the application. Run the application.



TestApp\_eVC



11:18



**Connect**

**Disconnect**

**Select DB**

**Execute Query**

**Show Results**

```
mysql_connect() successful
mysql_select_db() successful
mysql_execute_query() successful
fields: [ID1] [ID] [PUDate] [Transfer]
row: [1] [2] [2006-05-31] [0] [8] [32]
row: [2] [2] [2006-05-31] [0] [1] [17]
row: [3] [4] [2006-05-31] [0] [2] [17]
row: [4] [4] [2006-05-31] [0] [1] [n6]
row: [5] [1] [2006-05-31] [0] [5] [n6]
row: [6] [3] [2006-05-31] [0] [1] [17]
```

