



# LogicBlaze FUSE for MySQL Getting Started



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## **LogicBlaze FUSE for MySQL Getting Started**

This document is a quick start guide on how to Integrate LogicBlaze FUSE with MySQL.

## 1. Introduction

LogicBlaze FUSE can be connected to a MySQL database. This document will provide you with the information you need to setup MySQL as your primary database for all components.

## 2. Installation Requirements

### Software:

MySQL 5.0

## 3. Connecting MySQL as the Database

This portion of the document will explain how to set up MySQL as the database for all components

### Downloading and Installation

1. Download and install LogicBlaze FUSE as described in the *LogicBlaze FUSE Getting Started Guide*
2. Download and install and start MySQL 5.x. Please see the *Additional Resources* section at the end of this document for the MySQL Web site link.
3. Download MySQL Connector/J JDBC driver package from <http://dev.mysql.com/downloads/connector/j/>
4. From the ZIP you just downloaded, place the `mysql-connector-java-3.1.13-bin.jar` file in `[FUSE_dir]/shared/lib`

### FUSE JNDI Configuration

5. Overwrite `[FUSE_dir]/components/jndi/jndi-xbean.xml` with the `jndi-xbean.xml` file from `[FUSE_dir]/optional/dbscripts/mysql/`.

### MySQL setup

6. From the command prompt run the SQL scripts for MySQL. This should be done from the location of the scripts, for example `[FUSE_dir]/optional/dbscripts/mysql/`:

```
mysql < fusesys.sql
mysql < inventorydb.sql
mysql < liferaydb.script
```

You may need to indicate a user and password. To do this use the following commands:

```
mysql -u root -p < fusesys.sql
mysql -u root -p < inventorydb.sql
mysql -u root -p < liferaydb.script
```

## 4. Verifying the Installation

To verify that LogicBlaze FUSE for MySQL is running without any problems:

Run the LogicBlaze FUSE console or one of the demos. From a browser, navigate to <http://localhost:8080>. From there you can select the FUSE Console or you can choose to run the Ajax Demo or MySQL Mart demo.

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LogicBlaze FUSE when integrated with MySQL will not be able to run the Loan Broker Demonstration. This is due to the `servicemix-bpe` component not supporting persistence.

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## 5. Additional Resources

For more information on getting started, please see the *LogicBlaze FUSE Getting Started Guide*.

For information about MySQL or for downloads, please see: <http://dev.mysql.com/downloads/>

For information on the LogicBlaze FUSE Console, please see the *LogicBlaze FUSE Console Guide*.

For information on the Ajax Demo, please see the *Ajax Tutorial*.

For information on the Grocery Inventory Demo, please see the *Grocery Inventory Tutorial*.