



LogicBlaze FUSE for MySQL Getting Started



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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.

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.

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*.