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jboss

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#jboss

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About

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Chapter 1: Getting started with jboss

Remarks

This section provides an overview of what jboss is, and why a developer might want to use it.

It should also mention any large subjects within jboss, and link out to the related topics. Since the Documentation for jboss is new, you may need to create initial versions of those related topics.

Examples

Installation or Setup

Detailed instructions on getting jboss set up or installed.

Installing on Mac OS X

To install and run jboss AS standalone you can follow the processes described below (assuming that you already have java 7 and jdk installed on your mac):

1. Download the jboss application server from [here](#).
2. Unzip the package and extract the folders
3. Set up the your bash_profile like the following:

```
open -a TextEdit ~/.bash_profile
```

4. In your bash_profile add the following variables:

```
export JBOSS_HOME=/Users/$USER/Desktop/Servers/jboss-as-7.1.1.Final
JAVA_HOME=`/usr/libexec/java_home -v 1.7`
```

5. Then move to jboss installation directory and cd into the bin directory.
6. In the bin directory

```
./standalone.sh
```

This should start your jboss as a standalone application server. You should see your admin page at <http://localhost:8080/>

NB: This installation process does not work with Java 8

Read Getting started with jboss online: <https://riptutorial.com/jboss/topic/3448/getting-started-with-jboss>

Chapter 2: Connecting to MySQL Database for JBoss AS 7

Examples

Setting Up MySQL for JBoss AS 7

The following are the steps that you will need to follow to setup mysql datasource in JBoss AS 7.

1. Download the MySQL jdbc zip file from [here](#):
2. Create a directory **mysql** inside `/jboss-as-7.1.1.Final/modules/com`
3. Inside that create a directory structure like the following:

```
/jboss-as-7.1.1.Final/modules/com/mysql/main
```

4. Inside the main copy and paste the following jar from the mysql connector that was downloaded in the first step.

```
mysql-connector-java-5.1.XX-bin.jar
```

5. Create a `module.xml` in the same folder and add the following inside that:

```
<?xml version="1.0" encoding="UTF-8"?>
<module xmlns="urn:jboss:module:1.1" name="com.mysql">
  <resources>
    <resource-root path="mysql-connector-java-5.1.30-bin.jar"/>
    <!-- Insert resources here -->
  </resources>
  <dependencies>
    <module name="javax.api"/>
  </dependencies>
</module>
```

6. Inside the `standalone.xml` in the bin directory add the following:

```
<driver name="mysql" module="com.mysql">
  <driver-class>com.mysql.jdbc.Driver</driver-class>
</driver>
```

7. Now startup your jboss and open the admin console.
8. Inside the admin console create/add a new datasource and enter the proper details. You can put any name you want. Remember to add the jndi name in the details as:

```
java:/mysql
```

9. Then enable the connection.

10. Now you can check for the connection and you should be all set, if you have followed the above steps properly.

You can watch this [video](#), which demonstrates the above steps.

Read [Connecting to MySQL Database for JBoss AS 7](#) online:

<https://riptutorial.com/jboss/topic/6853/connecting-to-mysql-database-for-jboss-as-7>

Credits

S. No	Chapters	Contributors
1	Getting started with jboss	Community , Pritam Banerjee
2	Connecting to MySQL Database for JBoss AS 7	Pritam Banerjee