

Liferay 6.x Install Cookbook

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Requirements

Liferay

OS and Hardware Settings

Virtual: Why not - the benefits are huge

Preferred OS: Ubuntu LTS 64-bit

Hardware: At least 2 CPU's and at least 3 GB Ram

Installation

Prepare database

Create the Database

```
mysql> create database liferay CHARACTER SET utf8 COLLATE utf8_bin;
Query OK, 1 row affected (0.00 sec)
mysql> GRANT SELECT,INSERT,UPDATE,DELETE,CREATE,DROP,ALTER,INDEX on liferay.* to liferay@localhost identified
by '*****';
Query OK, 0 rows affected (0.00 sec)
```

Install binaries

Download Liferay from <https://www.liferay.com/downloads/liferay-portal/overview>

JAVA is not integrated, and must be installed seperately

MySQL Driver is at <http://dev.mysql.com/downloads/connector/j/>

Unzip the download, the goal is to have the install

```
cd /opt
unzip liferay-portal-tomcat-6.2-ce-ga2-20140319114139101.zip
mv liferay-portal-tomcat-6.2-ce-ga2-20140319114139101 liferay
```

If You use MySQL, we need to copy in the driver (get it [here](#)) first to /opt/liferay/tomcat-7.0.42/lib:

```
sudo cp mysql-connector-java-5.1.34-bin.jar /opt/liferay/tomcat-7.0.42/lib
```

Enter MySQL stuff

```
vi /opt/liferay/tomcat-7.0.42/webapps/ROOT/WEB-INF/classes/portal-ext.properties

jdbc.default.driverClassName=com.mysql.jdbc.Driver
jdbc.default.url=jdbc:mysql://localhost/liferay?useUnicode=true&characterEncoding=UTF-8&useFastDateParsing=false
jdbc.default.username=liferay
jdbc.default.password=*****
```

Start Liferay

```
cd /opt/liferay/tomcat-7.0.42/bin
./startup.sh

Using CATALINA_BASE:   /opt/liferay/tomcat-7.0.42
Using CATALINA_HOME:   /opt/liferay/tomcat-7.0.42
Using CATALINA_TMPDIR: /opt/liferay/tomcat-7.0.42/temp
Using JRE_HOME:        /opt/jre
Using CLASSPATH:       /opt/liferay/tomcat-7.0.42/bin/bootstrap.jar
Using CATALINA_PID:    /opt/liferay/tomcat-7.0.42/temp/catalina.pid
Tomcat started.
root@myserver:~#
```

See everything is ok:

```
root@myserver:~# tail -f /opt/liferay/tomcat-7.0.42/logs/catalina.out
```



A Common problem is:

```
09:52:53,735 INFO  [localhost-startStop-1][DialectDetector:136] Found dialect org.hibernate.dialect.
MySQLDialect
09:52:58,382 ERROR [localhost-startStop-1][Cache:120] Unable to set localhost. This prevents creation
of a GUID. Cause was: lrserver: lrserver
java.net.UnknownHostException: lrserver: lrserver
    at java.net.InetAddress.getLocalHost(Unknown Source)
    at net.sf.ehcache.Cache.<clinit>(Cache.java:214)
```

This can be fixed by editing /etc/hosts, so "lrserver" is 127.0.0.1

After Restart, You can go to <http://localhost:8080> (or a fitting URL):

First thing is the Basic Configuration



Portal

Portal Name



For example, Liferay.

Default Language



Change

☒ Add Sample Data

Administrator User

First Name

Last Name

Email (Required)

Database


Configured Database

JDBC URL	jdbc:mysql://localhost/liferay?useUnicode=true&characterEncoding=UTF-8&useFastDateParsing=false
JDBC Driver Class Na...	com.mysql.jdbc.Driver
User Name	liferay
Password	*****

[\(Change\)](#)

Finish Configuration

Then, the install:

 **Liferay**

⚙️ **Basic Configuration**

Portal

Portal Name
 For example, Liferay.

Default Language
 Change

☒ Add Sample Data

Administrator User

First Name

Last Name

🌟 Liferay is being installed. This may take a few minutes.

bnp@mos-eisley.dk

Database

Configured Database


JDBC URL	jdbc:mysql://localhost/liferay?useUnicode=true&characterEncoding=UTF-8&useFastDateParsing=false
JDBC Driver Class Na...	com.mysql.jdbc.Driver
User Name	liferay
Password	*****

[\(Change\)](#)

Finish Configuration

Powered By [Liferay](#)

After the Install, a notice of the status and where to find the config:

 **Liferay**

⚙️ **Basic Configuration**

Your configuration was saved successfully.

The configuration was saved in **/opt/liferay/portal-setup-wizard.properties**.

Go to My Portal

Powered By [Liferay](#)

Finally, the Portal is up:



Welcome

Welcome

Sign In

You are signed in as [Normann P. Nielsen](#).

Welcome To Liferay Portal

⊕ WEB CONTENT DISPLAY



Start

Review our [Quick Start Guide](#) for an overview of Liferay's features.



Learn

Read the official [Liferay User Guide](#) for detailed information about setting up and configuring Liferay.



Engage

Visit the [Liferay Community](#) to post questions, find answers, and contribute.



Develop

Explore our [Developer Resources](#) to develop apps and more for Liferay Portal.



Evaluate

Learn more about partners, support, training and other [enterprise level options](#) available for Liferay.

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