

OpenKM

Quick Install

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In less than five minutes you can install OpenKM and run it on your own server.



From OpenKM 5.x there's a property definition in OpenKM.cfg to automatically create the OpenKM database. Once the tables are created, change the **hibernate.hbm2ddl** property from **create** to **none**. Do this after running the application for the first time. If you don't, the repository will be deleted and re-created the next time OpenKM starts.



Starting with OpenKM 5.0.3 we recommend to activate **user.size.cache** in OpenKM.cfg to experience better performance.

Windows

Install Java JDK 1.6

Go to the Oracle Java download site and select to download the Java Developer Kit (JDK) 6, latest update. The url is <http://www.oracle.com/technetwork/java/javase/downloads/index.html> (Note that the url or version number may change as time goes by). When the file has been downloaded, execute it to install Java on your system using the setup wizard.

Install OpenKM

Download the OpenKM 5.x + JBoss 4.2.3.GA bundle and uncompress on your file system disk (a good option is to uncompress on C:\). If you experience problems uncompressing OpenKM-5.x_JBoss-4.2.3.GA.zip, try using the WinRAR application to uncompress it.



Once installed, please read Basic application knowledge and User Guide to familiarize yourself with OpenKM, Application configuration for configuration details, or Administration Guide to become an OpenKM power administrator. If you have any problem, take a look at the Troubleshooting section.

First login

- Execute the file `c:\jboss-4.2.3.GA\bin\run.bat` to run OpenKM + JBoss application server.
- If you want your OpenKM installation to be accessed from other computers add the `-b 0.0.0.0` command line parameter (see Basic application knowledge)
- On a client browser, open the URL `http://localhost:8080/OpenKM/`.
- Log in to OpenKM using user "okmAdmin" with password "admin".
- Enjoy OpenKM!
- Please take a look at <http://forum.openkm.com/> if you have any problem or contract professional support at <http://www.openkm.com/Contact>.

Linux

There're several ways to install it. These steps were used to install on Ubuntu but can be used for any other Linux flavor.

Install Java JDK 1.6

Execute the following command on the terminal

```
$ sudo aptitude install sun-java6-bin sun-java6-jdk sun-java6-jre
```

Install OpenKM

Download the OpenKM 5.x + JBoss 4.2.3.GA bundle and uncompress on your file system disk (a good option is to uncompress under */opt/*).

Execute the following command on the terminal

```
$ unzip OpenKM-5.x_JBoss-4.2.3.GA.zip
```



Once installed, please read Basic application knowledge and User Guide to familiarize yourself with OpenKM, Application configuration for configuration details, or Administration Guide to become a OpenKM power administrator. If you have any problem, take a look at the Troubleshooting section.

First login

- Execute the file */opt/jboss-4.2.3.GA/bin/run.sh* to run OpenKM + JBoss application server.
- If you want your OpenKM installation to be accessed from other computers add the *-b 0.0.0.0* command line parameter (see Basic application knowledge)
- On a client browser, open the URL <http://localhost:8080/OpenKM/>.
- Log in to OpenKM using user "okmAdmin" with password "admin".
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Mac OS X

You dont need to install Java for OS X... Java is installed by default and shipped with every OS X. The only important thing is to update your version of Java to the latest, through OS X System Software update. This is to ensure you have the latest Java version, especially for OS X 10.6.6 & above, which makes your version of Java(SE) capable of 32bit & 64bit.

Note: Don't go to the Java or Oracle website to acquire Java. Apple supplies and maintains Java for OS X. This is true as of java 1.6 though this practice might change with Java 1.7. Because Apple maintains their own Java, every Java application in OS X looks and performs like a native cocoa application.

JDK 1.6 for Mac OS X?

The whole JDK (JRE,JVM, Class Libraries, Development tools such as compiler) are built into every OS X, thus making installation of OpenKM the easiest of all 3 (Win, Linux, MacOS X) platforms - **No need to install Java from any website**. Just extract & run your OpenKM installation.

Install OpenKM

Download the OpenKM 5.x + JBoss 4.2.3.GA bundle and uncompress on your file system disk (a good option is to uncompress under */Library*) or alternatively copy, move by OS X GUI, open a new finder window and browse your Macintosh HD, Locate and move/copy OpenKM 5.x + JBoss 4.2.3.GA inside the Library folder.

In OS X, open the Terminal application by browsing through Finder and navigate to Applications/Utilities folder and double click Terminal application.

Execute the following command on the terminal OR alternatively, just double click the zip file you have copied/moved in the finder and it will extract itself! Same result and **no need to type or use Terminal commands**.

```
$ unzip OpenKM-5.x_JBoss-4.2.3.GA.zip
```



Once installed, please read Basic application knowledge and User Guide to familiarize yourself with OpenKM, Application configuration for configuration details, or Administration Guide to become a OpenKM power administrator. If you have any problem, take a look at the Troubleshooting section.

First login

- Execute the file */Library/jboss-4.2.3.GA/bin/run.sh* to run OpenKM + JBoss application server.
- If you want your OpenKM installation to be accessed from other computers add the *-b 0.0.0.0* as command line parameter Ex. *run.sh -b 0.0.0.0* (see Basic application knowledge)
- On a client browser, open the URL <http://localhost:8080/OpenKM/>.
- Log in to OpenKM using user "okmAdmin" with password "admin".
- Enjoy OpenKM!
- Please take a look at <http://forum.openkm.com/> if you have any problem or contact professional support at <http://www.openkm.com/Contact>.

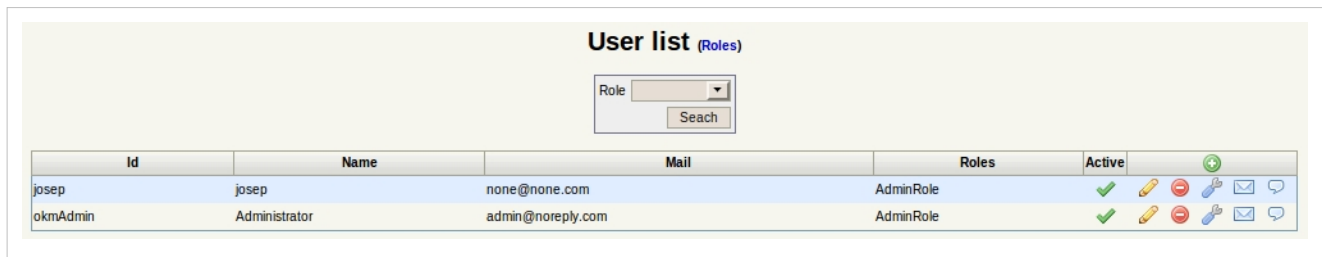
Basic application knowledge

First login

The default username is **okmAdmin** and its password is **admin**. Note that username and password are case sensitive.

Managing users

Since OpenKM 3.0 by default user management is an administration option. There it can create users, roles and assign roles to users, etc. Older OpenKM versions use text-based user management. These files are located at *\$JBoss/server/default/conf/props*, so you need to edit *openkm-users.conf*, *openkm-roles.conf* and *openkm-emails.conf* to add or remove a user from the system.



Id	Name	Mail	Roles	Active	
josep	josep	none@none.com	AdminRole	✓	✚ ✏ ✖ ✉ 💬
okmAdmin	Administrator	admin@noreply.com	AdminRole	✓	✚ ✏ ✖ ✉ 💬

There're two important roles called **AdminRole** and **UserRole** (these roles are case sensitive). All users must have UserRole, it's OpenKM grant to connect to OpenKM server. Any user with AdminRole will view all repository without limits and have administration toolbar enabled.

OpenKM authentication

OpenKM can use several authentication systems (Database, LDAP, Active Directory, etc.) but, by default is configured with an embeded database (HSQLDB).

Setting maximum file upload size

By default maximum file upload size is set at 25MB, to increase this it must be done some changes in Application configuration file.

Making OpenKM accesible to other computers

By default, JBoss only listen for connections on localhost. If you want to access from other computer, you need to start JBoss passing the parameter **-b 0.0.0.0**

GNU/Linux

```
./bin/run.sh -b 0.0.0.0
```

Windows

```
\bin\run.bat -b 0.0.0.0
```

Other options

```
./bin/run.sh -Djboss.bind.address=0.0.0.0
```

or add into run.bat (or run.sh) file at ends de **-b 0.0.0.0** parameter (depending if you're in windows or linux script some minimal diference, but basically it's the same idea)

```
:RESTART
"%JAVA%" %JAVA_OPTS% ^
-Djava.endorsed.dirs="%JBOSS_ENDORSED_DIRS%" ^
-classpath "%JBOSS_CLASSPATH%" ^
org.jboss.Main %* -b 0.0.0.0
```

Article Sources and Contributors

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