OpenKM

Quick Install

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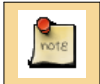
Quick Install

> OpenKM 6.2 Community has been officially released, but you can try the OpenKM 6.2 Professional Trial [1].

- OpenKM 6.x
- OpenKM 5.x

References

[1] http://www.openkm.com/en/download-english.html

Quick Install: OpenKM 5

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 5.1 we recommend to activate **user.item.cache** in Administration configuration 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 administator. 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".
- Log out by using the **File | Exit** menu
- Stop OpenKM by running the *C:\jboss-4.2.3.GA\bin\shutdown.bat* file
- Edit the *C:\jboss-4.2.3.GA\OpenKM.cfg* file, changing the **hibernate.hbm2ddl** option from **create** to **none**
- Restart OpenKM by running the *C:\jboss-4.2.3.GA\bin\run.bat* file
- 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
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> 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 administator. 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".
- Log out by using the **File | Exit** menu
- Stop OpenKM by running the */opt/jboss-4.2.3.GA/bin/shutdown.sh* file
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- Restart OpenKM by running the */opt/jboss-4.2.3.GA/bin/run.sh* file
- Enjoy OpenKM!

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Mac OS X

You don't 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/.
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Quick Install: OpenKM 6

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

> There's a property definition in OpenKM.cfg to automatically create the OpenKM database. Once the tables are created, OpenKM itselft will change the **hibernate.hbm2ddl** configuration property from **create** to **none**.

Windows

Installation with wizard

If you decide install OpenKM with wizard, simply follow instaler screen instructions. To prevent problems with white space in installation path - tomcat installation can have problems on some Windows OS if installation path have white spaces - we recomend install OpenKM on root disk (for example c:\ ). OpenKM instaler will install java jdk in your OpenKM installation folder too.

Installation without wizard

Requirements are:

- Install OpenKM-Tomcat bundle
- Install java jdk 1.6

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 6 + Tomcat 7 bundle and uncompress on your file system disk (a good option is to uncompress on *C:*). If you experience problems uncompressing **OpenKM-6.x.x-community-tomcat-bundle.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 administator. If you have any problem, take a look at the Troubleshooting section.

First login

- Execute the file *C:\tomcat-7.0.27\bin\catalina.bat* to run OpenKM + Tomcat application server.
- On a client browser, open the URL http://localhost:8080/OpenKM/.
- Log in to OpenKM using user "okmAdmin" with password "admin".
- Enjoy OpenKM!
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Linux

Installation with wizard

If you decide install OpenKM with wizard, simply follow instaler screen instruction. OpenKM instaler will install java jdk in your OpenKM installation folder too.

Installation without wizard

Requirements are:

- Install OpenKM-Tomcat bundle
- Install java jdk 1.6

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Execute the following command on the terminal

```
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```

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First login

- Execute the file */opt/tomcat-7.0.25/bin/catalina.sh* to run OpenKM + Tomcat application server.
- 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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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-6.2.0-community-tomcat-bundle.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/tomcat-7.0.27/bin/catalina.sh* to run OpenKM + Tomcat application server.
- 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.
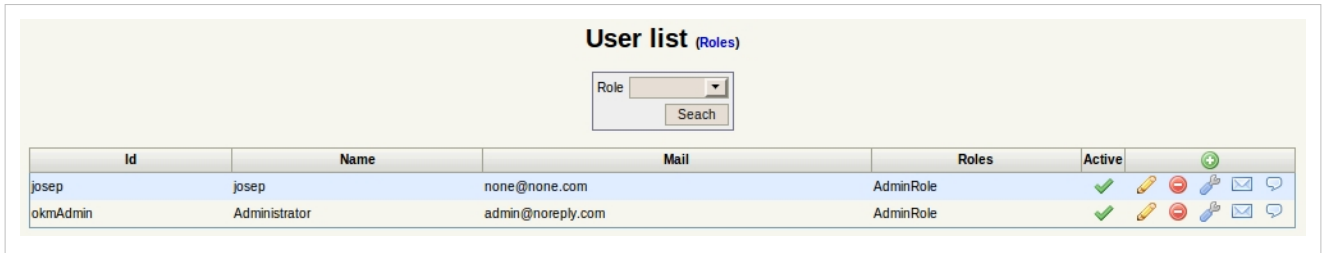
Basic application knowledge

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, user management is done from the Administration tab. There you can create users, roles and assign roles to users, etc.

There are two important roles called **ROLE_ADMIN** and **ROLE_USER** (these roles are case sensitive). All users must have ROLE_USER. This allows them to connect to the OpenKM server. Any user with AdminRole will be able to view the whole repository without limits, and have the Administration tab enabled.

> Older OpenKM versions use text file based user management. These files are located in the *$JBOSS/server/default/conf/props* directory, so you need to edit the openkm-users.conf, openkm-roles.conf and openkm-emails.conf files to add or remove a user from the system.

OpenKM authentication

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

Setting maximum file upload size

By default the maximum file upload size is unlimited. To limit this, make changes to the Application configuration.

Making OpenKM accessible from other computers

By default, JBoss only listens for connections on localhost. If you want to access OpenKM from other computers modify the file $TOMCAT_HOME/conf/server.xml

```
<Connector address="'''0.0.0.0'''" connectionTimeout="20000" port="8080" protocol="HTTP/1.1" redirectPort="8443"/>
```

GNU/Linux

```
./bin/catalina.sh start
```

Windows

```
\bin\catalina.bat start
```

Article Sources and Contributors

Quick Install *Source*: http://wiki.openkm.com/index.php?oldid=7418 *Contributors*: Anonymous, Espiritu.ernesto.db, Jllort, Megamansgo.ok, Pavila, Wangmj

Quick Install: OpenKM 5 *Source*: http://wiki.openkm.com/index.php?oldid=7044 *Contributors*: Anonymous, Pavila

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