

# 1. Installing Confluence

This chapter tells you how to install Confluence on your own computer, so that you can evaluate and use it. The instructions assume that you have a reasonable level of familiarity with the GUI and command-line tools of your operating system.

Confluence can be installed on any operating system which has a Java Development Kit available for it.

Confluence is available as a 'stand-alone' version, or a 'WAR archive' version. The stand-alone version is a complete package which contains everything needed to run Confluence, except for a Java Virtual Machine. The WAR archive version needs to be installed into an existing J2EE application server. These instructions cover installing the stand-alone version, which is suitable for most purposes. Confluence comes with its own built in database, but can be configured to use an external database server such as Oracle or Postgres. These instructions describe using the built in database software, which is called Hypersonic SQL, or HSQL. Using an external database is recommended for production systems. The process of moving to an external database after using the embedded database for evaluation is described in the Administration section of this book.

Use the detailed instructions below to install Confluence on your particular operating system. If you are installing on an operating system which isn't listed, you'll need to choose the closest match (e.g. Linux if you are installing on a Unix derivative) and adapt the instructions.

## 1.1. Registering at Atlassian.com

Before you can download Confluence you'll need to register yourself as a user on Atlassian's web-site. Click on the download link on <http://atlassian.com/software/confluence> and follow the instructions you are shown.

## 1.2. Mac OS X

Mac OS X comes with a Java Development Kit already installed, so you only need to install Confluence. It's a good idea to run Software Update to ensure that your operating system is up to date. Confluence works on OS X 10.3 and 10.4.

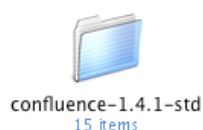
1. Go to the Atlassian web site, and download the Standalone, TAR.GZ version of confluence.

Version	Size	Added		
1.4.1 Standalone	30 MB	2-Jun-2005	<a href="#">ZIP</a>	<a href="#">TAR.GZ</a>

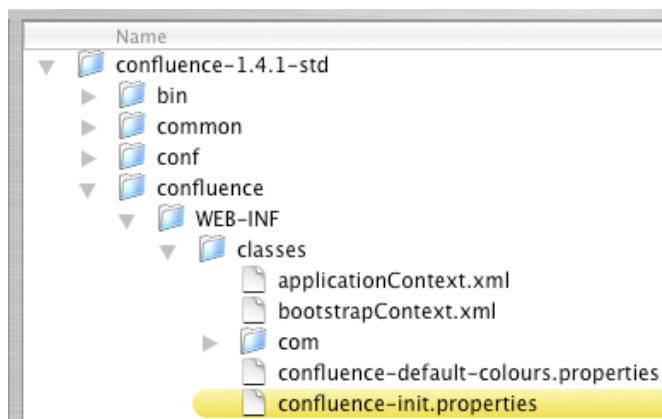
2. Find the downloaded file in the Finder. OS X has uncompressed the file, so it has only a `.tar` suffix, not the `.tar.gz` suffix of the file you downloaded. Use Get Info on the file to check its size. It should be 41.2MB.



3. Double click on the `confluence-1.4.1-std.tar` file. This will open the archive file and expand it into a folder hierarchy containing the Confluence installation.



4. Move this folder to wherever you want to keep your Confluence installation. You can keep it anywhere you like. Your home folder is one good place. This folder is called the *Confluence server directory* and contains the Confluence software, but not your data.
5. Choose somewhere for Confluence to keep your data. This folder will contain the database, files you attach to Confluence pages, and other bits of information Confluence needs. You can put this folder anywhere, but **not** inside the Confluence server directory. A folder named confluence-data in your home folder is a good idea. Create this folder in the Finder with the New Folder command in the File menu. This folder is called the *Confluence data directory*. It's important to remember the difference between the server directory and the data directory, as both will be used in the configuration instructions below.
6. Now you need to tell Confluence to use the data directory which you just created. Open the Confluence server directory, and find the `confluence-init.properties` file, which is in the directory `confluence/WEB-INF/classes` inside the server directory.



7. Open the file with TextEdit. You can control-click the file, and choose Open With, Other... from the pop-up menu. Change the line `#confluence.home=/tmp/confluence` to read `confluence.home=` by deleting the `#` character and everything after the equals sign. Place the cursor after the equals sign, find the data directory folder which you created earlier and drag it to TextEdit. This will insert the full path of the folder into the file. The line should now look something like `confluence.home=/Users/tomd/confluence-data`. It's important to make sure that you deleted the leading `#` character, and that the path after the equals sign starts with a `/` character. Save the file and quit TextEdit.
8. You need to set up an environment variable which tells Confluence where your Java Virtual Machine is installed. To do this, find the folder named `bin` inside the server directory and open it in the Finder. Among other files you'll see one named `catalina.sh`. Open it with TextEdit, and add the following line as the second line of the file:

```
export JAVA_HOME=/System/Library/Frameworks/JavaVM.framework/Home
```

The first line will be `#!/bin/sh`

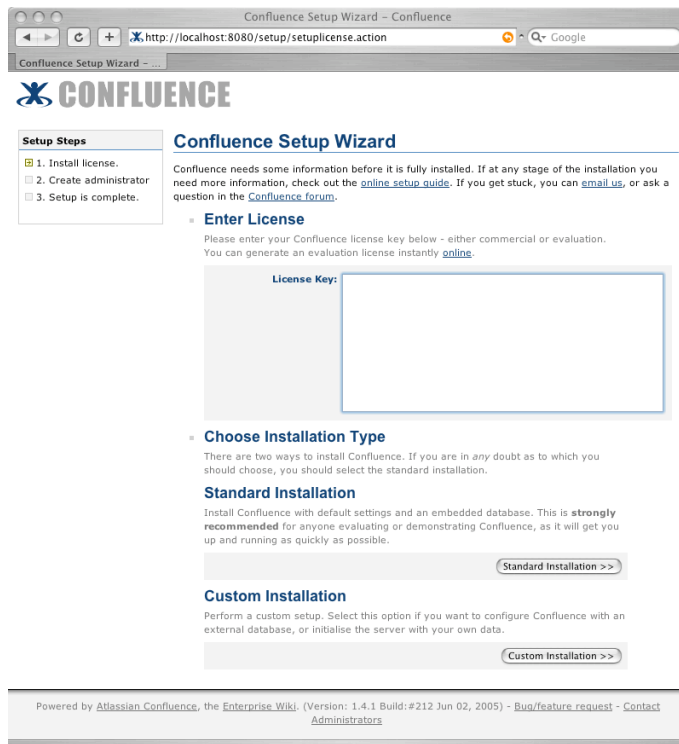
9. At last we are ready to start Confluence. Find the folder named `bin` inside the server directory and open it in the Finder. Among other files you'll see one named `startup.sh` and one named `shutdown.sh`. Running these programs starts and stops Confluence. Double click on the `startup.sh` file. The first time you run it, OS X will not know which application to use to open it, so it will ask you to choose an application to use. Choose the Terminal application, which is inside the Utilities folder in the Applications folder. You won't need to do that again, OS X will remember to use Terminal in future. Terminal will start and display a window like this:

```
Completed Command
Last login: Sat Jun 11 20:15:56 on ttty1
/Users/tomd/confluence-1.4.1-std/bin/startup.sh; exit
Welcome to Darwin!
You have mail.
185:~ tom$ /Users/tomd/confluence-1.4.1-std/bin/startup.sh; exit
Using CATALINA_BASE:  /Users/tomd/confluence-1.4.1-std
Using CATALINA_HOME:  /Users/tomd/confluence-1.4.1-std
Using CATALINA_TMPDIR: /Users/tomd/confluence-1.4.1-std/temp
Using JAVA_HOME:      /System/Library/Frameworks/JavaVM.framework/Home
logout
[Process completed]
```

You can close this window without affecting Confluence. Confluence will only shut down when you run the `shutdown.sh` command. Now go to the section ‘Setting Up Confluence’ below. The setup process is the same for all operating systems.

### 1.3. Setting Up Confluence

Open a web browser and go to the URL `http://localhost:8080`. Your browser should display the first page of the Confluence Setup Wizard.



Copy your evaluation licence key from the Atlassian web site and paste it into the Licence Key field on the web page. Click the ‘Standard Installation’ button. This will set up Confluence to use the embedded database, and to load some sample data.

Your browser will then display the Setup Confluence Administrator page, where you choose the name and password for the user who will administer this Confluence installation.

Setup Confluence Administrator - Confluence

http://localhost:8080/setup/setupadministrator-start.action

Setup Confluence Admin... Atlassian - View License

**CONFLUENCE**

**Setup Steps**

- 1. Install license.
- 2. Create administrator
- 3. Setup is complete.

**Setup Confluence Administrator**

Please configure the administrator account for this Confluence installation.

**Configure Account**

Username:

Password:

Confirm:

Name:

Email:

Next >>

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Enter a password in the Password and Confirm fields, the real name of the administrator in the Name field, and their email address in the Email field. Click the 'Next' button.

Next you'll see the Setup Successful page. Confluence is ready for you to use.

Confluence Setup Successful - Confluence

http://localhost:8080/setup/finishsetup.action

Confluence Setup Succes... Atlassian - View License

**CONFLUENCE**

**Setup Steps**

- 1. Install license.
- 2. Create administrator
- 3. Setup is complete.

**Confluence Setup Successful**

Confluence has now been installed with the Demonstration Space!

[Start using Confluence now.](#)

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