

Installation Instructions
For
JFolder 1.1 RC 1

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Overview

This document explains how to install JFolder 1.1 RC 1 on a compliant system.

Requirements

This document was test against the following system:

- Dell Inspiron™ 5100
- Pentium 4™ (2.40 GHz)
- 1.25 GB RAM
- Windows XP Pro™

The target system should have 1 GB or more of RAM.

This installation uses the following components:

- JDK 1.5
- Tomcat 5.5.9
- Apache Commons FileUpload 1.1.1
- Apache Commons IO 1.1
- HypersonicSQL 1.8.0.1
- Apache Ant 1.4

Full Installation Procedure

Set JAVA_HOME Environment Variable

Set the JAVA_HOME environment variable to point to JDK 1.5 base directory.

Check the JAVA_HOME setting by entering the following on a command prompt.

```
%JAVA_HOME%\bin\java.exe -version
```

Problems may occur if there is a space in the directory containing the JDK (for instance, C:\Program Files\Java).

Create JFolder Home Directory

Create an empty ('home') directory where the setup will take place. (For purposes of this installation, 'C:\JFolder_Home' will represent this directory.)

Download and Install Tomcat

Download and install Tomcat 5.5.9 and unzip it into the home directory.

('C:\JFolder_Home\jakarta-tomcat-5.5.9\bin' will be one of the resulting directories.)

Alter Tomcat Memory Configurations

Edit 'catalina.bat' ('C:\JFolder_Home\jakarta-tomcat-5.5.9\bin\catalina.bat') and add the following line just after the line containing 'set JPDA='.

```
set JAVA_OPTS=%JAVA_OPTS% -Xms64m -Xmx512m
```

Download and Install JFolder Source Components

From the JFolder project on SourceForge, download 'JFolderProjectComponents_1_1.zip' and unzip it into the home directory. ('C:\JFolder_Home\project_base\src' will be one of the resulting directories.)

Configure Tomcat Settings

Copy the 'server.xml' file into the Tomcat directory.

(A copy of 'C:\JFolder_Home\project_base\deployment_descriptors\jakarta-tomcat-5.5.9\misc\server.xml' will be located at 'C:\JFolder_Home\jakarta-tomcat-5.5.9\conf'.)

Create JFolder Library Directory

Create a 'lib' ('main library') subdirectory in the home directory ('C:\JFolder_Home\lib').

Download and Install Apache Commons FileUpload

Download and unzip Apache Commons FileUpload 1.1.1. Copy 'commons-fileupload-1.1.1.jar' to the main library directory and the Tomcat common library directory.

('C:\JFolder_Home\lib' and 'C:\JFolder_Home\jakarta-tomcat-5.5.9\common\lib' will both contain commons-fileupload-1.1.1.jar.)

Copy Web Libraries to the Build Library

Copy 'servlet-api.jar' and 'jsp-api.jar' from the Tomcat common library directory to the main library directory.

(Copy from 'C:\JFolder_Home\jakarta-tomcat-5.5.9\common\lib' to 'C:\JFolder_Home\lib'.)

Download and Install Apache IO 1.1

Download and unzip Apache Commons IO 1.1, copy 'commons-io-1.1.jar' to the Tomcat common library directory ('C:\JFolder_Home\jakarta-tomcat-5.5.9\common\lib').

Download and Install HypersonicSQL 1.8.0.1

Download and unzip HypersonicSQL 1.8.0.1. Copy 'hsqldb.jar' to the Tomcat common library directory ('C:\JFolder_Home\jakarta-tomcat-5.5.9\common\lib').

Download and Install Apache Ant

Download and install Apache Ant 1.4 and unzip it into the home directory. ('C:\JFolder_Home\jakarta-ant-1.4\bin' will be one of the resulting directories.)

Build JFolder

Run 'build.bat' ('C:\JFolder_Home\project_base\build\jakarta-tomcat-5.5.9\build.bat'). It should successfully complete.

Start JFolder

Open a command prompt, go to Tomcat's binary directory, and run 'startup.bat' ('C:\JFolder_Home\jakarta-tomcat-5.5.9\bin\startup.bat').

At a later point when it's time to shut down the server, run 'shutdown.bat' ('C:\JFolder_Home\jakarta-tomcat-5.5.9\bin\shutdown.bat').

Go to the JFolder Configuration Screen

Open a web browser and go to 'http://localhost:8080/jfolder/Console'. Under 'Config Reset' select 'Allow Config Reset', change 'I Do Not Understand' to 'I Understand'. Click 'Configure System'.

(In the future, go to this URL to login to JFolder. If localhost is unavailable, try 'http://127.0.0.1:8080/jfolder/Console'.)

Login to JFolder

Open a web browser and go to 'http://localhost:8080/jfolder/Console'. Click 'Login' to enter the 'Main Console Page'.