

Installing

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System Requirements

Hawron requires the following software to be already installed in your system:

[Java](#) version 1.4 or later.

For building: [Ant](#) 1.6 or later

And of course a version of [Cocoon](#).

Binary Dist

- Download a binary package.
- Unzip and change to the directory
- Windows: start hawron.exe in the root-directory of the distribution or double-click the dist\launcher.jar (this avoid library-settings for the OpenOfficePlugin)
- Other: ./run.sh in the root-directory of the distribution
- All: change to dist-directory and run java -jar launcher.jar

XML processing needs often much memory and the usage of Cocoon with the Servlet-plugin jetty and Offline-Processing at the same time will consume very much memory (the windows wrapper 'hawron.exe' uses 256MB as default)

So if you have trouble with the default 64MB of Java-VM you can set the commandline-parameter '-Xmx256m' which allows the Java-VM to use 256MB memory.

On Windows-platforms you can create a simple wrapper-script witch launch Hawron with a double-click. Unfortunately the OpenOffice-Plugin needs then the 'awt.dll'-library the PATH-environment-variable. Look at the following code and change the settings for your need. Save this as 'run.bat' and you can double-click this batch-script.

```
REM      sample-'run.bat'      simple      copy      and      paste      it
REM      change      the      path-setting      to      point      to      'awt.dll'
      SET      PATH=%PATH%;C:\Program      Files\j2jre1.4.2_04\bin
REM      allow      256MB      or      change      to      your      need
      javaw      -Xmx256m      launcher.jar
```

Set the PATH to your Java-installation and the directory where the 'awt.dll' is located.

Cocoon Versions

Look at the table to see which [Cocoon](#) versions run out-of-box with Hawron

It is important to use Hawron 0.3, older versions needs a patched [Cocoon](#). This is fixed since 0.3

Version	out-of-box	Hint
2.1.2	yes	
2.1.3	yes	
2.1.4	possible	build Cocoon without the "portal" and "portal-fw"-block
2.1.5	yes	use 2.1.5.1 instead
2.1.5.1	yes	
2.1.6	yes	
2.1.7-dev	yes	

Cocoon Installer

Hawron comes with an CocoonInstaller. This installer can help you to build a [Cocoon](#) distribution. Follow simple the Step-by-Step-process. The installer includes a Block-Editor which helps you to deselect [Cocoon](#)-Blocks, which breaks the working with Hawron. The Editor tries to solve all dependencies of blocks.

You can use the CocoonInstaller standalone. Go to the "plugins/cocooninstaller" directory and "java -jar cocooninstaller.jar" should start it (or double-click on the jar under Windows)

The Installer is available via [webstart](#) or as separate package ([installer.zip](#); unpack and double-click the cocooninstaller.jar)

Build from Source

- Download a source package.
- Unzip and change to the directory
- Edit the if you want to build this plugin.
- Type:
ant

- launch the application, see above

CVS-Version

You can get the developer-version via CVS. Try:

```
cvs -d:pserver:anonymous@cvs.sourceforge.net:/cvsroot/hawron login
```

When prompted for a password for anonymous, simply press the Enter key.

```
cvs -z3 -d:pserver:anonymous@cvs.sourceforge.net:/cvsroot/hawron co hawron
```

Optional libraries

If you want publish to SMB-shares you must download the [jCIFS](#)-library and place the jcifs-xx.jar to the 'lib/optional'-folder. You can use now 'smb://' as publish target.