

Cocoon Example

Table of contents

| | |
|----------------------------------|---|
| Introduction | 1 |
| Installation | 1 |
| Usage | 1 |
| OpenOffice-Example | 2 |
| Kabeja DXF2SVG-Example | 2 |

Introduction

The Hawron project provides a binary Cocoon-XML-application (based on CVS-version from 01.Nov 2004) as starting point. The Apache [Cocoon](#) project provides many sample in every Cocoon-distribution. If you want to learn more about [Cocoon](#) download and build a Cocoon-distribution. You can use the Cocoon-Installer and if you want to use Hawron with this Cocoon-distribution take a look at Hawrons-[Install](#) page for some hints.

The Cocoon-XML-application includes a OpenOffice-example (rendering HTML/PDF-pages from OpenOffice-files) and the DXF2SVG converter [Kabeja](#).

[Forrest](#) is another Cocoon-application which uses Cocoon's offline-part . Take a look at [Forrest](#) if you want a working solution and not only an example.

We will take a look to the [Forrest](#)-project later and see if we can use [Forrest](#) with Hawron.

The following list shows the different between this example and the official cocoon-distribution:

- patched CocoonBean (the [patch](#) is in bugzilla)
- patched Batik-library (this patch is applied in the Batik-CVS)
- a official rhino-release, needed for dynamic svg's. (Cocoon uses a differing version)
- some custom components

Installation

- Download the cocoon-example-archive
- Unpack
- Start Hawron and open the projectfile 'hawron-project.hconf' in the unpacked example-directory

Usage

You can start the Jetty-Servlet-Container and preview all in your browser.

- Change to the Servlet-View (Menu 'View'->'Show View' or use the selector in the toolbar).
- Hit the 'Start'-Button and wait for 'Jetty is running now' next to the button.
- Open your browser and go to 'http://localhost:8888/'

You can generate all offline. Select a Task from the 'Offline Generation'-View edit the Build-directory or use the default (below your hawron-directory) and hit 'Process'. You can now

view all generated files offline.

Note: the Java-VM uses 64MB of your memory as default, but XML-Processing often need much more. The examples run normally with the default size, but working with Jetty and the offline-processing together will result in OutOfMemory-Error (see the 'Installing').

OpenOffice-Example

This Example shows the usage of OpenOffice.org as Content-Editor.

| | |
|--|--|
| | The OpenOffice document |
| | Blue-Theme. |
| | White-Theme. |
| | Plain-Theme |
| | Mozilla-like, not include in the cocoon-example. |

Kabeja DXF2SVG-Example

For newer versions go to the [Kabeja-site](#).

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| | DXF transformed to SVG and rendered as image with highlighted layer (XSL) |
| | The SVG-Renderer of Firefox |