

DownloadFilesToLocalDisk

Here is an example to download files to a local directory with Cocoon 2.1 Final release. To be more specific, I'll show you how to pop up a downloading box instead of displaying a document into the browser.

I've tried two different methods. There is no need to configure Cocoon particularly. All is made in the sitemap.

- Using a Reader.

```
<map:pipeline>
  <map:match pattern="save/*">
    <map:act type="header">
      <map:parameter name="Cache-Control" value="Pragma:no-cache" />
      <map:parameter name="Content-Disposition" value="attachment ; filename={1}.xml" />
    </map:act>
    <map:read type="resource" mime-type="binary/octet-stream" src="{1}.xml">
      <map:parameter name="format" value="xml"/>
    </map:read>
  </map:match>
</map:pipeline>
```

In this pipeline, you don't have to create custom sitemap components.

*First you have to modify the header to set the Response object. To do that, use the `HttpHeaderAction` (don't forget to declare it). Let's see the different options :

"Cache-Control" is used to tell not to use the cache.

"Content-disposition" is used to define the document as an attachment and to specify a filename. You can set any name you want with any extension.

*Secondly, you have to specify the mime-type of the reader. Set it to "binary/octet-stream". I'm not sure parameter "format" as an influence.

- Using a Serializer and an Action

```
<map:pipeline>
  <map:match pattern="save/*">
    <map:act type="header">
      <map:parameter name="Cache-Control" value="Pragma:no-cache" />
      <map:parameter name="Content-Disposition" value="attachment ; filename={1}.xml" />
    </map:act>
    <map:generate type="file" src="{1}.xml" />
    <map:serialize type="xml"/>
  </map:match>
</map:pipeline>
```

*Generate a document (from the default generator)

*Set the Response object with the action `HttpHeaderAction` (included in Cocoon classes).

*Serialize the flow (with the `xmlSerializer`).

This works with IE, mozilla and firebird. Be careful to remove your cache and to reload your browser. If it's not working reopen your browser.

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