

JarProtocolExample

Hi tried this a few months ago and found that the "jar:/" protocol don't check if the source have changed. I can't say if it's problem of cocoon cache or "jar:/" specification, but what I know is I can't use it to display i, real time an oo doc that people may edit. Some more ideas here [XfolioOpenOfficeGeneration]

Here is a sitemap snippet that shows how the jar:/ protocol can be used to read data from jar files or zip files. – [Con](#)

```
<map:pipelines>
  <!-- read content from out of a zip file -->
  <map:pipeline>
    <map:match pattern="**/*.xml">
      <map:generate src="jar:http://localhost/jar-test/{1}/{2}.xml"/>
      <map:serialize type="xml"/>
    </map:match>
  </map:pipeline>
  <map:pipeline>
    <map:match pattern="**/*.jpg">
      <map:read src="jar:http://localhost/jar-test/{1}/{2}.jpg"/>
    </map:match>
  </map:pipeline>

  <!--
  if you don't want to "hard-code" localhost,
  don't forget the {servletPath} sitemap variable

  <map:read src="jar:http://{servletPath}/{1}.sxxw/meta.xml"/>

  -->

  <!-- read the archive file -->
  <map:pipeline>
    <map:match pattern="*.zip">
      <map:read src="{1}.zip"/>
    </map:match>
    <map:match pattern="*.jar">
      <map:read src="{1}.jar"/>
    </map:match>
  </map:pipeline>
</map:pipelines>
```

Note:

This sitemap is intended to be mounted as /jar-test - it uses http to access the zip file. This is because the jar: protocol is not aware of the cocoon: protocol. An alternative would be to access the jar file with the file: protocol, which would involve specifying a complete file path name. You could do this using an input module to specify the file name.

To test it, access it as:

<http://localhost/jar-test/test.zip/test.jpg>

Using the context protocol

Here is an example using a file relative to the context. In this case we get a file named content.xml inside an open-office zip file with a .sxxw extension. The realpath module allows us to convert relative path to absolute ones.

```
<map:match src='**.*sxxw'>
  <map:generate src="jar:file:/// {realpath:docu}/{0}/{1}/content.xml"/>
  <map:transform src='open-office-to-docbook.xml'/>
  <map:serialize type='xml'/>
</map:match>
```