FotoTransformer

Synopsis

This simple transformer that can be useful for debugging any XML pipeline. It saves as a regular XML file, the SAX stream it receives. In this way we can save a snapshot of any given step of a XML pipeline.

There are other alternatives for this purpose, like these ones:

- The **SourceWritingTransformer**. Requires you to code the desired output location in the XML stream.
- **Views**. But there are cases where views aren't useful like a sub-pipeline that is called from other pipeline through the `cocoon:` protocol, and the sub-pipeline cannot be invoked directly, because the main one has set some environment like request attributes.
- **LogTransformer**. Gives a detailed log of each received SAX event, but you don't have a usable XML file.
- **Profiler**. It gives you a lot of features, but slows down your pipeline and increases memory usage.

Usage

Here is the component declaration:

```
<map:transformer name="foto" src="fcc.ima.cocoon.FotoTransformer"/>
```

And its a sample usage in a pipeline:

```
<map:generate src="my-source.xml"/>
<map:transform src="my-stylesheet1.xsl"/>
<map:transform type='foto' src='snapshots/snapshot1.xml'/>
<map:transform src="my-stylesheet2.xsl"/>
<map:transform type='foto' src='snapshots/snapshot2.xml'/>
<map:serialize type='html'/>
```

As you can see you name the output file through the `src` attribute. It supports any `URI` scheme supported by `Cocoon`

Source code

It is included in the attachments.

Attachment: MiXMLPipe.java

Attachment: FotoTransformer.java