

XInclude Transformer (2.1 legacy document)

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Warning:

This document was copied as is from the Cocoon 2.1 documentation, but has not yet been fully reviewed or moved to its new home.

1. XInclude Transformer

This transformer works according to the XInclude specification.

For more information refer to the [XInclude specification](#).

- Name : xinclude
- Class: org.apache.cocoon.transformation.XIncludeTransformer
- Cacheable: no.

You can include either simple text, or xml content. Including xml content -- which is the default -- gives you the option to define an xpointer in the href attribute. Some quick xinclude examples should reveal the possibilities of xinclude.

- Include an xml content as-is: `<xi:include href="include.xml"/>`
- Include an xml content but pick the strong element only: `<xi:include href="include.xml#xpointer(/p/strong)"/>`
- Include text content: `<xi:include parse="text" href="include.txt"/>`

A simple example using xinclude might help to use this transformer effectively:

Add the XIncludeTransformer to the components in your sitemap.xmap

```
... <map:components> ... <map:transformers default="xslt"> ... <map:transformer
name="xinclude" src="org.apache.cocoon.transformation.XIncludeTransformer"/> ...
```

Next define in your pipeline to use the XIncludeTransformer

```
<map:match pattern="xinc/simple-xinc"> <map:generate src="xinc/simple-xinc.xml"/>
<map:transform type="xinclude"/> <map:transform
src="stylesheets/page/simple-page2html.xsl"/> <map:serialize/> </map:match>
```

In this example pipeline it assumed that simple-xinc.xml contains the include element. As well as defining the include element, it defines the namespace URI "http://www.w3.org/2001/XInclude". This helps the XIncludeTransformer to find the include element to get replaced by the included content. The simple-xinc.xml may look like this:

```
<?xml version="1.0" encoding="UTF-8"?> <page
xmlns:xi="http://www.w3.org/2001/XInclude"> <title>Hello</title> <content> <para>This is my
first Cocoon page!</para> <xi:include href="include.xml"/> </content> </page>
```

Next you should define the include.xml file which is included. A simple include.xml might look like this:

```
<?xml version="1.0"?> <p> I am <strong>included</strong> by XIncludeTransformer. I come
from "include.xml". </p>
```

Now finally we have everything put together the xml content after the XIncludeTransformer processing will look like this:

```
<?xml version="1.0" encoding="UTF-8"?> <page
xmlns:xi="http://www.w3.org/2001/XInclude"> <title>Hello</title> <content> <para>This is my
first Cocoon page!</para> <p> I am <strong>included</strong> by XIncludeTransformer. I
come from "include.xml". </p> </content> </page>
```

1. Comments

add your comments