

# Request Generator (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. Request Generator

The request generator uses the current request to produce xml data. It converts some of the information contained in the request to structured xml.

- Name : request
- Class: org.apache.cocoon.generation.RequestGenerator
- Cacheable: no.

`<map:generate type="request"/>` `<!-- The src attribute is optional -->`

The output has the following schema. All elements have the namespace

`http://apache.org/cocoon/request/2.0`

```
<?xml version="1.0" encoding="UTF-8"?> <!-- The root element is request. The target
attribute is the requested uri and the source attribute is the optional source attribute of the
sitemap entry for this pipeline. --> <request target="/cocoon/request" source=""
xmlns="http://apache.org/cocoon/request/2.0"> <!-- First the headers: --> <requestHeaders>
<header name="accept-language">de</header> <header
name="connection">Keep-Alive</header> <header name="accept">image/gif,
image/x-xbitmap, image/jpeg, image/pjpeg, /*</header> <header
name="host">thehost.serving.cocoon</header> <header name="accept-encoding">gzip,
deflate</header> <header name="user-agent">Browser User Agent</header> <header
name="referer">http://thehost.serving.cocoon/cocoon/welcome </header>
</requestHeaders> <!-- All request parameters: --> <requestParameters> <!-- Create a
parameter element for each parameter --> <parameter name="login"> <!-- Create a value
element for each value --> <value>test</value> </parameter> </requestParameters> <!-- All
request attributes; see below the note on generate-attributes parameter. (This feature is
available startign with version 2.1 --> <requestAttributes> <!-- Create an attribute element for
each attribute --> <attribute name="errorMessage"> <!-- Create a value element for the
attribute value --> <value>I was put here by an earlier action.</value> </attribute>
</requestAttributes> <!-- All configuration parameters: --> <configurationParameters> <!--
Create a parameter element for each parameter specified in the pipeline for this generator-->
<parameter name="test_sitemap_parameter">the value</parameter>
</configurationParameters> </request> If you want request attributes to be generated, you
must specify generate-attributes parameter at generator definition or invocation in the
sitemap.<!-- This will turn on attribute generation on by default --> <map:generator
name="request" src="org.apache.cocoon.generation.RequestGenerator"> <map:parameter
name="generate-attributes" value="true"/> </map:generator> <!-- or --> <!-- This will turn on
attribute generation for this invocation only. --> <map:match pattern="request">
<map:generate type="request"> <map:parameter name="generate-attributes" value="true"/>
</map:generate> </map:match>
```

## 1. Comments

add your comments