

RequestAttribute-Selector in Cocoon (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. RequestAttributeSelector

NAME	request-attribute
WHAT	The RequestAttributeSelector component is used to select appropriate sitemap processing depending on a request attribute value.
TYPE	Selector, Sitemap Component
BLOCK	Core
CLASS	org.apache.cocoon.selection.RequestAttributeSelector
SINCE	Cocoon 2.0
CACHEABLE	not applicable

2. Description

The RequestAttributeSelector tests the value of request attribute against the test attribute of the selector's when clause.

3. Usage

The RequestAttributeSelector allows to control the sitemap processing depending on a request attribute.

3.1. Sitemap pipeline examples

The snippet below uses a RequestAttributeSelector named request-attribute. It tests the value of request attribute named command against list, create; finally it has a otherwise clause.

```
<map:select type="request-attribute"> <map:parameter name="attribute-name"
value="command"/> <map:when test="list"> .... </map:when> <map:when test="create"> ...
</map:when> ... <map:otherwise> ... </map:otherwise> </map:select>
```

3.2. Sitemap component configuration example

The snippet below declares a RequestAttributeSelector defining to use the request attribute cmd.

```
<map:selectors... <map:selector name="request-attribute"
src="org.apache.cocoon.selection.RequestAttributeSelector"
logger="sitemap.selector.requestattribute"> <attribute-name>command</attribute-name>
</map:selectors> ...
```

3.3. Configuration

The configuration section of RequestAttributeSelector specifies the default name of the request attribute, used for testing.

3.4. Setup

Setting up a RequestAttributeSelector includes

- Defining an optional sitemap paramter named request-name, it overrides the attribute-name setting in the configuration section.
- choosing the <map:when> test expressions, and a optional <map:otherwise> clause.

The test attribute of the <map:when> clause shall match the value of the request attribute. If no test value matches, or the request attribute is not defined at all, the <map:otherwise> clause is selected.

3.5. Effect on Object Model and Sitemap Parameters

The RequestAttributeSelector has no side effects on the object model, or any sitemap attributes.

4. Bugs/Caveats

5. History

28-12-02: initial creation

6. See also

A general documentation about selectors is available at [Matchers and Selectors](#).

1. Comments

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