

WildcardHeader-Matcher 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. WildcardHeaderMatcher

NAME	header-match, referer-match
WHAT	The WildcardHeaderMatcher matches a header value against a wildcard expression..
TYPE	Matcher, Sitemap Component
BLOCK	Core
CLASS	org.apache.cocoon.matching.WildcardHeaderMatcher
SINCE	Cocoon 2.0
CACHEABLE	not applicable

2. Description

The WildcardHeaderMatcher matches a wildcard pattern against a header value of the request.

3. Usage

The WildcardHeaderMatcher is used to apply the same sitemap processing to a group of requested URIs. A requested URI belongs to this group iff the header value is matched by the specified pattern.

The snippet below applies to all requested URIs having a header referer value matching the wildcard pattern `http://foo.bar:8080/documentation/*.html` the specified pipeline processing.

The generator retrieves the xml document having extension `.xml`, its basename is the request URI path, stripped off the prefix `page-`.

3.1. Sitemap pipeline examples

The snippet below uses the WildcardHeaderMatcher for matching the referer header value.

```
<map:pipelines> <map:pipeline> .... <map:match type="referer-match"
pattern=http://foo.bar:8080/documentation/*.html"> <!-- pipeline processing generator,
transformer, serializing <map:generator src="xdocs/{../1}.xml"/> <map:transformer
src="stylesheet/document2html"/> <map:parameter name="prev" value="{1}.html"/>
<map:transformer/> <map:serialize/> </map:match> ... </map:pipeline> ...
```

3.2. Sitemap component configuration example

The WildcardHeaderMatcher sitemap configuration consists of choosing a name, and specifying the `src` attribute of the fully qualified name of the WildcardHeaderMatcher class.

Moreover sub element name `header-name` specifies the name of the header. Its value is matched against the specified pattern.

```
<map:matchers... <map:matcher name="referer-match"
src="org.apache.cocoon.matching.WildcardHeaderMatcher"
```

```
logger="sitemap.matcher.referer-match" /> <header-name>referer</header-name> ...  
</map:matcher> ...
```

3.3. Configuration

The WildcardHeaderMatcher is configured by the subelement header-name, specifying the name of the header attribute name.

3.4. Setup

The WildcardHeaderMatcher gets the wildcard pattern from its pattern attribute.

3.5. Effect on Object Model and Sitemap Parameters

See a detailed discussion in [WildcardURIMatcher](#)

4. Bugs/Caveats

The use of parameter-name instead of header-name is deprecated.

5. History

12-28-02: initial creation

6. See also

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

For a reference of available header names see [RFC 2068](#), especially if Cocoon's run time environment is an http servlet environment.

1. Comments

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