

DateSelector 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. DateSelector

NAME	date
WHAT	The DateSelector component is used to select appropriate sitemap processing depending on the current date, and time.
TYPE	Selector, Sitemap Component
BLOCK	Scratchpad
CLASS	org.apache.cocoon.selection.DateSelector
SINCE	Cocoon 2.1
CACHEABLE	not applicable

2. Description

The DateSelector tests the current date, and time against the test attribute of the selectors when clause.

3. Usage

The DateSelector allows to define date, and time specific sitemap processing. This way Cocoon can do date, and time specific sitemap processing.

3.1. Sitemap pipeline examples

```
<map:select type="daytime"> <map:when test="night"> <!-- do something for night publishing --> <map:read src="resources/{2}-night.css" mime-type="text/css"> </map:when> <map:when test="morning"> <!-- do something for morning publishing --> <map:read src="resources/{2}-morning.css" mime-type="text/css"> </map:when> ... <map:otherwise> <!-- define for completeness, and if selecting fails due to errors --> </map:otherwise> </map:select>
```

3.2. Sitemap component configuration example

The following snippet defines a DateSelector named daytime. A day is partitioned into four daytime areas: night, morning, afternoon, and evening. These daytime names are used to define daytime specific pipeline processing for each daytime area.

```
<map:selectors default="browser"> ... <map:selector type="daytime" src="org.apache.cocoon.selection.DateSelector"> <before name="night" date="06:00:00" dateformat="HH:mm:ss"/> <before name="morning" date="12:00:00" dateformat="HH:mm:ss"/> <before name="afternoon" date="18:00:00" dateformat="HH:mm:ss"/> <before name="evening" date="23:59:59" dateformat="HH:mm:ss"/> </map:selector> ... </map:selectors>
```

3.3. Configuration

Explain the sitemap selector configuration, options when declaring date selector

3.4. Setup

Explain the sitemap selector setup, ie options when using date selector

3.5. Effect on Object Model and Sitemap Parameters

4. Bugs/Caveats

Describe limitation, bugs of DateSelector

5. History

11-28-03: initial creation

6. See also

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

1. Comments

add your comments