

# ResponseHeaderTransformer

- TARGET-AUDIENCE: **\*beginner\*** advanced expert
  - COCOON-RELEASES: 2.0.3, 2.0.4
  - DOCUMENT-STATUS: **\*draft\*** reviewed released
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## ResponseHeaderTransformer

This is a simple transformer that allows you to set HTTP response headers from the content of the XML that flows through the pipeline.

Other ways to set response headers are:

- [HttpHeaderAction](#), which takes headers from the sitemap:

```
<map:act type="header">
  <map:parameter name="Cache-Control" value="no-cache" />
</map:act>
```

- Flow, which takes the header from a Flowsript:

```
cocoon.response.setHeader( "Cache-Control", "no-cache" )
```

The [ResponseHeaderTransformer](#) is different from either of these methods, because it takes the header names and values from the XML that is processed by the pipeline.

## Usage

**Declaration in sitemap:**

```
<map:transformers default="xslt">
  <map:transformer name="response-headers" src="org.apache.cocoon.transformation.ResponseHeaderTransformer" />
</map:transformers>
```

**Usage in pipeline:**

```
<map:transform type="response-headers" />
```

The transformer will look for elements in the "http://apache.org/cocoon/responseHeader/1.0" namespace:

```
<header:set name="Cache-Control" value="no-cache"
  xmlns:header="http://apache.org/cocoon/responseHeader/1.0" />
```

These elements are removed from the XML, and the header (Cache-Control) is set (to "no-cache").

## Source code

[ResponseHeaderTransformer.java](#)