

DOMWriteTransformer

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Transformer features and configuration

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1. Overview

This transformer takes the stxx-created XML, converts it into a DOM tree, and stores it in a request, session, or application scope for use later. The request is then forwarded to "path" value. Most likely, the primary use of this transformer will be to create XML to be accessed by a JSP page. By storing the XML as a DOM node, [JSTL](#)'s XML tags will be able to access the information easily with XPath.

2. Features

- DOM can be stored in the request, session, or application scopes
- Uses request dispatcher for further request handling
- Works great with JSTL's XML tags

3. Configuration

3.1. Global

Property	Value	Status
attributeName	The name of the attribute the DOM will be stored under	Optional (defaults to "stxxXML")
scope	application session request (default)	Optional

Table 1: Global stxx.properties properties

3.2. Transform-specific

These parameters are specified in stxx 1.2+ pipeline configuration format. See [Configuring with Struts 1.1](#) for more information.

Parameter	Value	Status
path	The path to forward to after the DOM is saved	Required
attributeName	The name of the attribute the DOM will be stored under	Optional
scope	application session request	Optional
attachRequestParameters	false true (default)	Optional

attachRequestAttributes	false true (default)	Optional
attachForm	false true (default)	Optional
attachResources	false true (default)	Optional
attachErrors	false true (default)	Optional
attachMessages	false true (default)	

Table 1: Transform-specific parameters

3.3. Examples

Global configuration:

```
stxx.transformer.dom.class=com.oroard.stxx.transform.DOMWriteTransformer
stxx.transformer.dom.attributeName=stxxXML
stxx.transformer.dom.scope=request
```

Transform-specific configuration:

```
<pipeline match="jsp/*.dox">
  <transform type="dom">
    <param name="path" value="/{1}.jsp" />
  </transform>
</pipeline>
```