

CachedXFormTransformer

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Transformer features and configuration

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1. Overview

This transformer extends [CachedXSLTransformer](#) to insert transformed [XForm](#) XML (as supported by [XMLForm](#)). It combines the form features of struts (dynaforms, validation, etc) with the abstraction of XForms. The XForm transformation process inserts ActionForm values and ActionErrors into the XForm.

2. Features

- All the features of [CachedXSLTransformer](#).
- Support for XForms
- Requires JVM 1.4+ (due to XMLForm dependency)

3. Configuration

3.1. Global

Property	Value	Status
contentType	The mime type of the transformed content	Required
autoReloadTemplates	true false (default). If true, the cached Templates will be checked to see if the stylesheet has been modified since and reload as necessary.	Optional
allowRenderParameter	true false (default). If true, the type of rendering can be specified as a request parameter. For example, "render=client" will force a client-side transformation.	Optional
resolveFromTemplatePath	false true (default). If true, URIs used in xsl:import, or xsl:include are resolved from the directory of the parent stylesheet. Otherwise, URIs are resolved from the root directory of the web application.	Optional
transformerFactoryClass	The name of the JAXP transformer factory	Optional

	implementation to use.	
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Table 1: Global stxx.properties properties

Note:
 If you are having problems with NullPointerExceptions when stxx is loading stylesheets, it could be because your servlet container doesn't implement request.getRealPath() in a useful manner. If this is the case, set both resolveFromTemplatePath and autoReloadTemplates to "false" and stxx will load the stylesheets using ServletContext.getResourceAsStream().

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 the XSL file	Required and can be repeated
xform	The path to the XForm XML file	Required
debug	true false (default)	Optional
render	client server (default)	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)	Optional
OTHER	Any other parameter will be passed to the XSLT as a stylesheet parameter.	Optional

Table 1: Transform-specific parameters

All transform parameters will be passed to the XSLT as stylesheet parameters

3.3. Examples

Global configuration:



```
stxx.transformer.xform.class=com.oroard.stxx.transform.CachedXFormTransformer  
stxx.transformer.xform.mimeType=text/html
```

Transform-specific configuration:

```
<pipeline match="xform/*.dox">  
  <transform type="xform">  
    <param name="path" value="{1}.xsl" />  
    <param name="xform" value="{1}.xml" />  
    <param name="render" value="server" />  
  </transform>  
</pipeline>
```