

# XML Building

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*Advanced configuration*

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## 1. Overview

As a web application gets larger and more complex, the XML that stxx creates gets larger and larger. In order to optimize transformation performance, stxx allows you to configure what information will be attached to the XML in several ways: globally in `stxx.properties`, per transform (Struts 1.1+), and per Action. If information is configured to no be included in any of these places, the information will not be attached to the XML.

Stxx comes with a couple of different implementations. Each can have its own configuration properties in [stxx.properties](#).

## 2. Globally

Detailed global configuration can be found in the [stxx.properties](#) page.

## 3. Per Transform (Struts 1.1+)

If you are using stxx with Struts 1.1+ and are using the [pipeline](#) style of configuring transforms, you can specify in the transform definition what information should and should not be attached for any Transformer that uses stxx to build the XML (which is every Transformer included with stxx). The following transform parameters can be defined for a transform:

Parameter	Type of information
<code>attachRequestParameters</code>	Request parameters
<code>attachRequestAttributes</code>	Request attributes
<code>attachResources</code>	Application resources for the current locale
<code>attachForm</code>	The current action form for this Action
<code>attachErrors</code>	The action errors for the current action form
<code>attachMessages</code>	Action messages

**Table 1: Transform parameters**

## 4. Per Action

Within your action code, you can call stxx methods that will tell stxx to not attach information for the duration of the request. These methods can either be called locally from

an Action that extends the stxx Action, or by using the StxxHelper class.

Method name	Type of information
attachRequestParametersXML	Request parameters
attachRequestAttributesXML	Request attributes
attachResourcesXML	Application resources for the current locale
attachFormXML	The current action form for this Action
attachErrorsXML	The action errors for the current action form
attachMessagesXML	Action messages

**Table 1: XML Building Methods**