

## Saxon-JS - Bug #3689

### Problem with apply-templates in "#current" mode

2018-02-19 18:29 - Debbie Lockett

<b>Status:</b> Closed	<b>Start date:</b> 2018-02-19
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Debbie Lockett	<b>% Done:</b> 100%
<b>Category:</b>	<b>Estimated time:</b> 0:00 hour
<b>Sprint/Milestone:</b>	<b>Spent time:</b> 0:00 hour
<b>Applies to JS Branch:</b> 1.0, Trunk	<b>Fixed in JS Release:</b> Saxon-JS 1.1.0
<b>Fix Committed on JS Branch:</b> 1.0, Trunk	<b>SEF Generated with:</b>

#### Description

For apply templates in current mode, the current component for the new context is not being set. This can result in internal errors.

Problem raised in forum issue: <https://saxonica.plan.io/boards/5/topics/7147> - Error XError, message: "Internal error: Target component not found at htmlparse.xml#423", code: "SXJS0004" when trying to use David Carlisle's XSLT 2.0 implementation of an HTML parser from Saxon-JS

#### History

##### #1 - 2018-02-19 19:35 - Michael Kay

Note, I think the only case where you can do `xsl:apply-templates mode="current"` and the current component is not already the same as the current mode is where you are in a named template (current mode survives a call to a named template). If you're in a template rule then the current component is the same as the current mode; in all other cases, the current mode is absent.

##### #2 - 2018-02-20 15:16 - Debbie Lockett

- Status changed from New to Resolved

- Fix Committed on JS Branch 1.0, Trunk added

Add code in applyT implementation in Expr.js (line [#75](#)):

```
c2.currentComponent = context.currentMode
```

Committed on 1.0 and trunk branches.

##### #3 - 2018-05-09 12:21 - Debbie Lockett

- Status changed from Resolved to Closed

- % Done changed from 0 to 100

- Fixed in JS Release set to Saxon-JS 1.1.0

Bug fix applied in the Saxon-JS 1.1.0 maintenance release.