

Saxon-CE - Bug #1613

@xsl:result-document@ triggers a re-load of the page?

2012-08-27 07:40 - Manfred Staudinger

Status:	Closed	Start date:	2012-08-27
Priority:	Low	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	Release 1.1	Spent time:	0:00 hour
Description			
The initial load of the page runs fine. A click on the "Version" link activates a xsl:result-document with method="xsl:append-content" which inserts successfully a div (green) with a text @span@. But this immediately disappears because of a re-load of the page and re-compile of the stylesheet. The trace shows exactly the same messages as the initial load.			
Windows XP, Saxon-CE 1.0, Opera 12.01 1532			

History

#1 - 2012-08-27 09:55 - Philip Fearon

If I've understood this correctly, I believe this is the same 'prevent default' issue as described in issue [#1503](#) [#1590](#). Clicking on any HTML anchor a element with an href attribute will always result in a page reload unless steps are taken to prevent this default behaviour for browsers.

There's no cross-browser way (the preventDefault method for event won't work in IE), in XSLT, to prevent default actions directly with the current version of Saxon-CE, but there's an easy workaround for this anchor element case which is to use a span element with an identifying class such as class='hlink' and, if required, a @data-href attribute instead of an a element. CSS can be then be used to style the span element to appear the same as an a element - e.g. Click events for the span element can then be handled reliably within your XSLT without the page refreshing.

```
span.hlink {
  text-decoration:underline;
}
span.hlink:hover {
  cursor:pointer;
}
```

#2 - 2012-08-27 13:25 - Manfred Staudinger

Thanks for the detailed explanation given in issue [#1603](#)! I didn't understand the difficulty with 'prevent default' because in JS I always used the cross-browser @return false@. If the workaround you propose can be considered a temporary one it will pose no problem.

#3 - 2012-08-27 15:06 - Philip Fearon

No problem... in my above answer I should have referenced [#1590](#) (now corrected): 'eventProcessing, preventDefault. Yes, in JS returning false should always work - and this is how it is implemented when the ixsl:prevent-default attribute is used in the next Saxon-CE release to ensure cross-browser compatibility - the span workaround can therefore be considered temporary.

#4 - 2013-02-21 10:01 - O'Neil Delpratt

- Status changed from New to Resolved

Closed as a usability problem, not a bug

#5 - 2013-02-22 11:00 - O'Neil Delpratt

- Status changed from Resolved to Closed

- Sprint/Milestone set to Release 1.1

- % Done changed from 0 to 100

- Found in version set to 1.0

- Fixed in version set to 1.1

Bug fixed for Saxon-CE version 1.1 release

Files

Questenberg_Herman_von.xml	957 Bytes	2012-08-27	Manfred Staudinger
namen.xsl	2.36 KB	2012-08-27	Manfred Staudinger
view_names.xsl	4.81 KB	2012-08-27	Manfred Staudinger
Namen_b.css	1.39 KB	2012-08-27	Manfred Staudinger