

Saxon - Support #5072

pass distributed tracing data through xslt transformer

2021-08-30 14:26 - Alexey Oparin

Status: Closed	Start date: 2021-08-30
Priority: Low	Due date:
Assignee:	% Done: 0%
Category: s9api API	Estimated time: 0:00 hour
Sprint/Milestone:	Spent time: 0:00 hour
Legacy ID:	Fixed in Maintenance Release:
Applies to branch:	Platforms:
Fix Committed on Branch:	
Description	
Hello,	
<p>We have a service written in java which do xslt transformations with saxonica. On xslt stylesheets we call other services with fn:doc() or fn:document() functions supplying them HTTP URL. Now we are implementing distributed tracing of our services and faced with need to pass additional tracing headers in HTTP requests which lay under the fn:doc/fn:document calls. How can we achieve it? I guess that I need to supply something to XsltTransformer object but I can't understand what exactly it should be, unfortunately. Help please.</p>	
Alexey.	

History

#1 - 2021-08-30 18:23 - Michael Kay

Set a URIResolver on the XSLT Transformer; this will be passed details of URI's supplied to the doc() or document() functions. In your URIResolver, perform the HTTP access using low-level Java HTTP library calls (setting the headers as required), and returning a stream. Wrap this InputStream in a StreamSource, along with the requested (or resolved) URI, and return this from your URIResolver.

#2 - 2021-09-01 18:14 - Alexey Oparin

Thank you, Michael. I did this way and it worked. Ironically, after that we tried opentelemetry java instrumentation and it worked without custom URIResolver.

#3 - 2021-11-07 00:32 - Michael Kay

- Status changed from New to Closed