

Saxon-JS - Feature #5083

Saxon-JS in the browser should support data: and blob: URLs

2021-09-07 15:54 - Martin Honnen

Status: New	Start date: 2021-09-07
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	Spent time: 0:00 hour
Applies to JS Branch: 2	SEF Generated with:
Fix Committed on JS Branch:	Platforms:
Fixed in JS Release:	
Description	
<p>Browsers support URLs with the scheme data: or blob:, Saxon-JS in the browser should not reject such URLs but support loading resources from them as the browser APIs support that. Also, data: URLs are already supported in Saxon Java.</p> <p>Use cases are e.g. xsl:import or xsl:include from a blob or data URL, for instance, if the user entered some XSLT module you want to xsl:import that would be possible with data or blob URL support. Interestingly enough, this does work with the browser's native XSLT 1.0 processor, at least as far as I have tested with Chrome and Firefox.</p> <p>Test case that shows that currently it doesn't work with Saxon-JS 2.3 is at https://martin-honnen.github.io/xslt/2021/blobTest1WithSaxonJS.html (need to open F12/developer tools to see the error message about e.g. "resolve-uri: invalid URI (base=NoStylesheetBaseURI, relative=blob:https://martin-honnen.github.io/c90a3603-af63-424d-a6ec-059293e007e2)").</p> <p>Client-side test case using xsl:import with a blob URL is at https://martin-honnen.github.io/xslt/2021/blobTest6.html (relevant output is also only visible if the the developer console is opened up).</p>	