

Saxon - Feature #3938

Create a virtual tree with modified base URI and/or system ID

2018-10-03 10:51 - Michael Kay

Status:	Closed	Start date:	2018-10-03
Priority:	Normal	Due date:	
Assignee:	Michael Kay	% Done:	100%
Category:	Internals	Estimated time:	0:00 hour
Sprint/Milestone:		Spent time:	0:00 hour
Legacy ID:		Fixed in Maintenance Release:	9.9.0.2
Applies to branch:	9.9	Platforms:	
Fix Committed on Branch:	9.9		

Description

At some stage in the past it was possible to call `NodeInfo.setSystemId()` to set the system ID of a node. The method still exists, because it is needed for `NodeInfo` to implement the `JAXP Source` interface, but it will generally throw an `IllegalArgumentException`; this is because the data structures used to hold system ID and base URI generally don't allow these properties to be changed for one node with complex side-effects on the properties of other nodes.

It would be useful (and easy) to provide a virtual tree model (analogous to `SpaceStrippedTree` and `TypeStrippedTree`) that essentially acts as a virtual copy of an existing tree, but with remapped base URIs and or system IDs.

History

#1 - 2018-10-03 11:13 - Michael Kay

- Status changed from *New* to *Resolved*
- Applies to branch 9.9 added
- Fix Committed on Branch 9.9 added

This feature has been implemented for 9.9. Look for class `net.sf.saxon.tree.wrapper.RebasedDocument`.

#2 - 2018-11-07 19:18 - O'Neil Delpratt

- Status changed from *Resolved* to *Closed*
- % Done changed from 0 to 100
- Fixed in Maintenance Release 9.9.0.2 added

Bug fix applied to the Saxon 9.9.0.2 maintenance release.