

## Saxon - Bug #4657

### Ambiguous accumulator rules - should choose the last

2020-07-27 19:59 - Michael Kay

<b>Status:</b>	Closed	<b>Start date:</b>	2020-07-27
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Michael Kay	<b>% Done:</b>	100%
<b>Category:</b>	XSLT conformance	<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>		<b>Spent time:</b>	0:00 hour
<b>Legacy ID:</b>		<b>Fixed in Maintenance Release:</b>	10.2, 9.9.1.8
<b>Applies to branch:</b>	10, 9.9, trunk	<b>Platforms:</b>	
<b>Fix Committed on Branch:</b>	10, 9.9, trunk		

**Description**

Reported by David Maus on xsl-list, test case accumulator-081 added.

Saxon seems to be choosing the first accumulator rule when it should choose the second.

#### History

##### #1 - 2020-07-28 00:06 - Michael Kay

- Status changed from New to In Progress

It should be distinguishing the two rules by sequence number, but both have sequence number 0 (and other ranking attributes equal) so it's essentially choosing at random - perhaps we've got another test somewhere where it randomly gets it right.

The code in XSLAccumulator.compileDeclaration() calls Mode.addRule() at line 208; setting position (the penultimate argument) to zero rather than to a value that increments for each rule.

##### #2 - 2020-07-28 00:12 - Michael Kay

- Status changed from In Progress to Resolved

- Applies to branch 10, 9.9, trunk added

- Fix Committed on Branch 10, 9.9, trunk added

##### #3 - 2020-08-26 10:23 - O'Neil Delpratt

- % Done changed from 0 to 100

- Fixed in Maintenance Release 10.2 added

Bug fix applied in the Saxon 10.2 maintenance release.

##### #4 - 2020-10-22 18:17 - O'Neil Delpratt

- Status changed from Resolved to Closed

- Fixed in Maintenance Release 9.9.1.8 added

Bug fix applied on the Saxon 9.9.1.8 maintenance release.