Saxon - Bug #2720

Grouping separators in format-integer()

2016-04-21 18:34 - Debbie Lockett

Status:	Closed	**Start date:**	2016-04-21
Priority:	Normal	**Due date:**	
Assignee:	Debbie Lockett	**% Done:**	100%
Category:	XPath conformance	**Estimated time:**	0:00 hour
Sprint/Milestone:	9.7.0.5	**Spent time:**	0:00 hour
Legacy ID:		**Fix Committed on Branch:**	9.7, trunk
Applies to branch:	9.7, trunk	**Fixed in Maintenance Release:**	9.7.0.5

Description

Following the resolution of W3C bug #29488, clarifications have been made to the F&O 3.1 specification of format-integer() regarding the use of grouping separators. Two main issues arise, illustrated by the following:

1. The expected result for test format-integer-030 has changed:

format-integer(602347826, '#(000)000-000') now expects '602)347-826' rather than '(602)347-826' (which is currently returned by Saxon).

1. The expected result of format-integer(123456789, '000,00,00') is '12345,67,89'; but Saxon returns '1,23,45,67,89'. (See test format-integer-072)

History

#1 - 2016-04-22 15:38 - Debbie Lockett

- Status changed from In Progress to Resolved

- Applies to branch 9.8 added

- Fix Committed on Branch 9.7, 9.8 added

Patches committed on 9.7 and 9.8 dev branches:

1. In IrregularGroupFormatter: only include grouping separators at positions less than the length of the value.

2. In FormatInteger: the leftmost group (defined by grouping separators in the picture string) is now also considered when determining whether grouping is regular.

#2 - 2016-05-12 16:55 - O'Neil Delpratt

- Status changed from Resolved to Closed

- % Done changed from 0 to 100

- Fixed in Maintenance Release 9.7.0.5 added

Bug fix applied in the Saxon 9.7.0.5 maintenance release.

#3 - 2016-05-12 17:21 - O'Neil Delpratt

- Sprint/Milestone set to 9.7.0.5

#4 - 2017-05-23 18:42 - O'Neil Delpratt

- Applies to branch trunk added

- Applies to branch deleted (9.6, 9.8)

#5 - 2017-05-23 18:43 - O'Neil Delpratt

- Fix Committed on Branch trunk added

- Fix Committed on Branch deleted (9.8)