

Saxon - Bug #4840

Type information lost for extension function calls in SEF export

2020-11-25 19:50 - Michael Kay

Status:	Closed	Start date:	2020-11-25
Priority:	Normal	Due date:	
Assignee:	Michael Kay	% Done:	100%
Category:	Saxon extensions	Estimated time:	0:00 hour
Sprint/Milestone:		Spent time:	0:00 hour
Legacy ID:		Fix Committed on Branch:	10, trunk
Applies to branch:	10, trunk	Fixed in Maintenance Release:	10.5

Description

When a stylesheet containing Java reflexive extension function calls is exported to a SEF file, information about the type of the arguments is lost, which means it may not be possible to resolve the call when the SEF file is reloaded, if the method being called is polymorphic.

Raised here: <https://saxonica.plan.io/boards/3/topics/8078?pn=1>

History

#1 - 2020-11-25 19:56 - Michael Kay

- Status changed from New to Resolved
- Fix Committed on Branch 10, trunk added

Fixed in AlphaCode.makeTree() by ensuring that the Java class underpinning an ExternalObjectType is exported as part of the alphaCode of the argument type.

#2 - 2021-04-14 17:49 - O'Neil Delpratt

- Status changed from Resolved to Closed
- % Done changed from 0 to 100
- Fixed in Maintenance Release 10.5 added

Bug fix applied to Saxon 10.5 maintenance release.