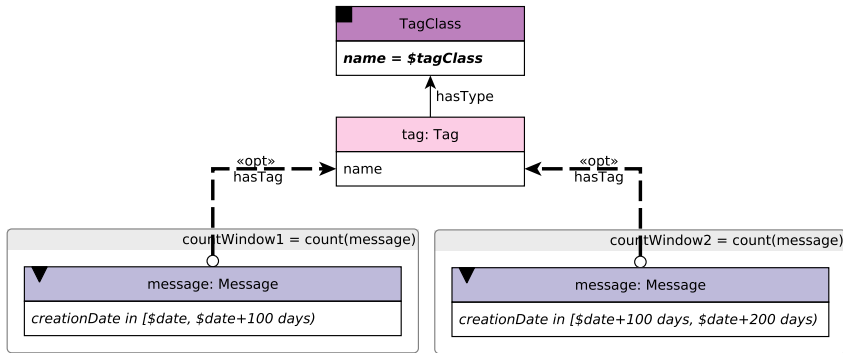


BI / read / 2

query	BI / read / 2																								
title	Tag evolution																								
pattern																									
desc.	Find the Tags under a given TagClass that were used in Messages during in the 100-day time window starting at date and compare it with the 100-day time window that follows. For the Tags and for both time windows, compute the count of Messages.																								
params	<table><tr><td>1</td><td>date</td><td>Date</td><td>Based on the creation day – TagClass – number of Messages factor table: (A) A flashmob date (B) A non-flashmob date</td></tr><tr><td>2</td><td>tagClass</td><td>Long String</td><td>For both (A) and (B), TagClasses with a similar amount of Messages are selected</td></tr></table>				1	date	Date	Based on the creation day – TagClass – number of Messages factor table: (A) A flashmob date (B) A non-flashmob date	2	tagClass	Long String	For both (A) and (B), TagClasses with a similar amount of Messages are selected													
1	date	Date	Based on the creation day – TagClass – number of Messages factor table: (A) A flashmob date (B) A non-flashmob date																						
2	tagClass	Long String	For both (A) and (B), TagClasses with a similar amount of Messages are selected																						
result	<table><tr><td>1</td><td>tag.name</td><td>Long String</td><td>R</td><td></td></tr><tr><td>2</td><td>countWindow1</td><td>32-bit Integer</td><td>A</td><td>Occurrences of the tag during the first time window</td></tr><tr><td>3</td><td>countWindow2</td><td>32-bit Integer</td><td>A</td><td>Occurrences of the tag during the second time window</td></tr><tr><td>4</td><td>diff</td><td>32-bit Integer</td><td>A</td><td>Absolute difference of countWindow1 and countWindow2</td></tr></table>				1	tag.name	Long String	R		2	countWindow1	32-bit Integer	A	Occurrences of the tag during the first time window	3	countWindow2	32-bit Integer	A	Occurrences of the tag during the second time window	4	diff	32-bit Integer	A	Absolute difference of countWindow1 and countWindow2	
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2	countWindow1	32-bit Integer	A	Occurrences of the tag during the first time window																					
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4	diff	32-bit Integer	A	Absolute difference of countWindow1 and countWindow2																					
sort	<table><tr><td>1</td><td>diff</td><td>↓</td><td></td></tr><tr><td>2</td><td>tag.name</td><td>↑</td><td></td></tr></table>				1	diff	↓		2	tag.name	↑														
1	diff	↓																							
2	tag.name	↑																							
limit	100																								
CPs	2.4, 3.1, 3.2, 4.1, 4.2, 4.3, 5.3, 6.1, 8.2, 8.5																								