

## BI / read / 19

query	BI / read / 19			
title	Stranger's interaction			
pattern				
desc.	<p>For all the <i>Persons</i> born after a certain date, find all the strangers they interacted with, where strangers are <i>Persons</i> that do not <i>know</i> each other. There is no restriction on the date that strangers were born.</p> <p>Consider only strangers that are members of <i>Forums</i> tagged with a <i>Tag</i> of tagClass1 (direct children not transitive) AND members of <i>Forums</i> tagged with a <i>Tag</i> of tagClass2 (direct children not transitive). The tags may be attached to the same <i>Forum</i> or they may be attached to different <i>Forums</i>.</p> <p>Interaction is defined as follows: if <i>Person A</i> replies to a <i>Message</i> (<i>Post</i> or <i>Comment</i>) by another <i>Person B</i>, there is an “interacted with” relationship from <i>A</i> to <i>B</i>. Note that the “interacted with” relationship is directed.</p> <p>For each <i>Person</i>, count the number of strangers they interacted with and total number of times they interacted with them.</p>			
params	1	date	Date	
	2	tagClass1	String	
	3	tagClass2	String	
result	1	person.id	64-bit Integer	R
	2	strangersCount	32-bit Integer	A
	3	interactionCount	32-bit Integer	A
sort	1	interactionCount	↓	
	2	person.id	↑	
limit	100			
CPs	1.1, 1.4, 2.1, 2.3, 2.4, 3.3, 5.1, 7.3, 7.4			