

## BI / read / 9

BI 1	query	BI / read / 9		
BI 2	title	Forum with related tags		
BI 3	pattern			
BI 4				
BI 5				
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BI 12				
BI 13				
BI 14				
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BI 17				
BI 18	desc.	Given two TagClasses (tagClass1 and tagClass2), find Forums that contain <ul style="list-style-type: none"> <li>at least one Post (post1) with a Tag with a (direct) type of tagClass1 and</li> <li>at least one Post (post2) with a Tag with a (direct) type of tagClass2.</li> </ul> The post1 and post2 nodes may be the same Post.           Consider the Forums with a number of members greater than a given threshold. For every such Forum, count the number of post1 nodes (count1) and the number of post2 nodes (count2).		
BI 19				
BI 20				
BI 21				
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BI 23				
BI 24				
BI 25				
BI 26				
params	1	tagClass1	String	
	2	tagClass2	String	
	3	threshold	32-bit Integer	
result	1	forum.id	64-bit Integer	R
	2	count1	32-bit Integer	A
	3	count2	32-bit Integer	A
sort	1	abs(count2 - count1)	↓	
	2	forum.id	↑	
limit	100			
CPs	1.2, 1.3, 2.1, 2.3, 2.4, 8.2			