

## BI / read / 5

BI 1	query	BI / read / 5			
BI 2	title	Most active posters of a given topic			
BI 3	pattern	<pre> graph TD     Tag[Tag] -- hasTag --&gt; Person[person: Person]     Person -- hasCreator --&gt; Message[m: Message]     Message -- "«opt» likes" --&gt; Liker[liker: Person]     Message -- "«opt» replyOf" --&gt; Comment[comment: Comment]     Tag -- "name = \$tag" --&gt; Tag     Person -- "id" --&gt; Person     Message -- "messageCount = count(m)" --&gt; Message     Comment -- "replyCount = count(comment)" --&gt; Comment     Liker -- "likeCount = count(liker)" --&gt; Liker     </pre>			
BI 4					
BI 5					
BI 6					
BI 7					
BI 8	desc.	<p>Get each Person (person) who has created a Message (message) with a given Tag (direct relation, not transitive). Considering only these Messages, for each Person node:</p> <ul style="list-style-type: none"> <li>Count its messages (messageCount).</li> <li>Count likes (likeCount) to its messages.</li> <li>Count Comments (replyCount) in reply to it messages.</li> </ul> <p>The score is calculated according to the following formula: <math>1 \times \text{messageCount} + 2 \times \text{replyCount} + 10 \times \text{likeCount}</math>.</p>			
BI 9					
BI 10					
BI 11					
BI 12					
BI 13	params	1	tag	Long String	Tags with a similar amount of Messages are selected
BI 14					
BI 15					
BI 16					
BI 17					
BI 18	result	1	person.id	ID	R
BI 19		2	replyCount	32-bit Integer	A
BI 20		3	likeCount	32-bit Integer	A
		4	messageCount	32-bit Integer	A
		5	score	32-bit Integer	A
	sort	1	score	↓	
		2	person.id	↑	
	limit	100			
	CPs	1.2, 2.3, 8.2			