

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 --> Person[person: Person] Person -- hasCreator --> Message[m: Message] Message -- "«opt» likes" --> Liker[liker: Person] Message -- "«opt» replyOf" --> Comment[comment: Comment] Tag -- "name = \$tag" --> Tag Person -- "id" --> Person Message -- "messageCount = count(m)" --> Message Liker -- "likeCount = count(liker)" --> Liker Comment -- "replyCount = count(comment)" --> Comment Person -- "person.score = 1×messageCount + 2×replyCount + 10×likeCount" --> Person </pre>			
BI 12	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"> Count its messages (messageCount). Count likes (likeCount) to its messages. Count Comments (replyCount) in reply to it messages. <p>The score is calculated according to the following formula: $1 \times \text{messageCount} + 2 \times \text{replyCount} + 10 \times \text{likeCount}$.</p>			
BI 20	params	1	tag	Long String	Tags with a similar amount of Messages are selected
	result	1	person.id	ID	R
		2	replyCount	32-bit Integer	A
		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			