

BI / read / 5

query	BI / read / 5				
title	Most active posters of a given topic				
pattern	<pre>graph TD Tag[Tag] -- hasTag --> Person[person: Person] Tag -- hasCreator --> Message[m: Message] Person -- hasCreator --> Message Message -- "messageCount = count(m)" --> Message Message -- "replyOf" --> Comment[comment: Comment] Comment -- "replyCount = count(comment)" --> Comment Comment -.- "«opt» replyOf" --> Message Message -.- "«opt» likes" --> Liker[liker: Person] Liker -- "likeCount = count(likers)" --> Liker subgraph Formula direction LR P1[person.score = 1 * messageCount + 2 * replyCount + 10 * likeCount] end</pre>				
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>				
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				