

## BI / read / 6

query	BI / read / 6																												
title	Most active posters of a given topic																												
pattern	<div><div><div><div><div>Person</div><div>likes</div><div><div>likeCount = count</div></div></div><div><div>Message</div><div>hasTag</div><div><div>Tag</div><div>name = \$tag</div></div></div><div><div>Message</div><div>hasCreator</div><div><div>person: Person</div><div>id</div></div></div><div><div>Message</div><div>replyOf</div><div><div>comment: Comment</div><div>replyCount = count</div></div></div></div><div><div>messageCount = count</div></div></div><div>score = 1*messageCount + 2*replyCount + 10*likeCount</div></div>																												
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: 1 * messageCount + 2 * replyCount + 10 * likeCount.</p>																												
params	<div><div>1</div><div>tag</div><div>String</div><div></div></div>																												
result	<table><tr><td>1</td><td>person.id</td><td>64-bit Integer</td><td>R</td><td></td></tr><tr><td>2</td><td>replyCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>3</td><td>likeCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>4</td><td>messageCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>5</td><td>score</td><td>32-bit Integer</td><td>A</td><td></td></tr></table>				1	person.id	64-bit Integer	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	
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sort	<table><tr><td>1</td><td>score</td><td>↓</td><td></td></tr><tr><td>2</td><td>person.id</td><td>↑</td><td></td></tr></table>				1	score	↓		2	person.id	↑																		
1	score	↓																											
2	person.id	↑																											
limit	100																												
CPs	1.2, 2.3, 8.2																												