

## BI / read / 3

query	BI / read / 3																													
title	Popular topics in a country																													
pattern	<pre>graph TD     Country[Country name = \$country]     City[City]     Person[person: Person id]     Forum[forum: Forum id title creationDate]     TagClass[TagClass name = \$tagClass]     Tag[Tag]     Message[message: Message]     Post[Post]      Country -- isPartOf --&gt; City     City -- isLocatedIn --&gt; Person     Person -- hasModerator --&gt; Forum     Forum -- containerOf --&gt; Post     TagClass -- hasType --&gt; Tag     Tag -- hasTag --&gt; Message     Message -- count(message) --&gt; TagClass     Message -- replyOf*0.. --&gt; Post</pre>																													
desc.	<p>Given a TagClass and a Country, find all the Forums created in the given Country, containing at least one Message with Tags belonging directly to the given TagClass, and count the Messages by the Forum which contains them.</p> <p>The location of a Forum is identified by the location of the Forum’s moderator.</p>																													
params	<table><tr><td>1</td><td>tagClass</td><td>Long String</td><td>TagClasses with a similar amount of Messages are selected</td></tr><tr><td>2</td><td>country</td><td>Long String</td><td>Big Countries are selected</td></tr></table>	1	tagClass	Long String	TagClasses with a similar amount of Messages are selected	2	country	Long String	Big Countries are selected																					
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result	<table><tr><td>1</td><td>forum.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>2</td><td>forum.title</td><td>Long String</td><td>R</td><td></td></tr><tr><td>3</td><td>forum.creationDate</td><td>DateTime</td><td>R</td><td></td></tr><tr><td>4</td><td>person.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>5</td><td>messageCount</td><td>32-bit Integer</td><td>A</td><td></td></tr></table>	1	forum.id	ID	R		2	forum.title	Long String	R		3	forum.creationDate	DateTime	R		4	person.id	ID	R		5	messageCount	32-bit Integer	A					
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sort	<table><tr><td>1</td><td>messageCount</td><td>↓</td><td></td></tr><tr><td>2</td><td>forum.id</td><td>↑</td><td></td></tr></table>	1	messageCount	↓		2	forum.id	↑																						
1	messageCount	↓																												
2	forum.id	↑																												
limit	20																													
CPs	1.1, 1.2, 1.3, 2.1, 2.2, 2.4, 3.3, 8.2																													