

## BI / read / 3

query	BI / read / 3																													
title	Popular topics in a country																													
pattern	<pre>graph BT     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 count(message)]     Post[Post]      City -- isPartOf --&gt; Country     person -- isLocatedIn --&gt; City     forum -- hasModerator --&gt; person     Tag -- hasType --&gt; TagClass     message -- hasTag --&gt; Tag     Post -- replyOf*0.. --&gt; message     forum -- containerOf --&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 Person who created it and 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																													