

BI / read / 3

- BI 1
- BI 2
- BI 3
- BI 4
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query	BI / read / 3																												
title	Popular topics in a country																												
pattern	<pre> classDiagram class Country { name = \$country } class City { } class Person { person: Person id } class Forum { forum: Forum id title creationDate } class TagClass { name = \$tagClass } class Tag { } class Message { message: Message } class Post { } Country < -- City City --> Forum : isLocatedIn Person --> Forum : hasModerator Forum --> Post : containerOf TagClass < -- Tag Tag --> Message : hasTag Message --> Post : replyOf*0.. Message ..> Message : count(message) </pre>																												
description	<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 border="1"> <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																				
1	\$tagClass	Long String	TagClasses with a similar amount of Messages are selected																										
2	\$country	Long String	Big Countries are selected																										
result	<table border="1"> <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 border="1"> <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																												