

BI / read / 3

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|----------------|---|-------------|---|---|----------|-------------|----------------------------|---|--|---|--------------------|----------|---|--|---|-----------|----|---|--|---|--------------|----------------|---|--|--|--|--|--|
| query | BI / read / 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| title | Popular topics in a country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pattern | <pre>graph BT Country[Country] City[City] Person[person: Person] Forum[forum: Forum] TagClass[TagClass] Tag[Tag] Message[message: Message] Post[Post] City -- isPartOf --> Country Person -- isLocatedIn --> City Forum -- hasModerator --> Person Forum -- containerOf --> Post Tag -- hasType --> TagClass Message -- hasTag --> Tag Message -- count(message) --> Message Post -- replyOf*0.. --> Message</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 | | | | | | | | | | | | | | | | | | | | | |
| 1 | tagClass | Long String | TagClasses with a similar amount of Messages are selected | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | country | Long String | Big Countries are selected | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |