

Interactive / short / 7

IS 1

IS 2

IS 3

IS 4

IS 5

IS 6

IS 7

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|---------|---|----------|---|--|--|---|----------------------|----|---|--|---|-----------------|------|---|--|---|----------------------|----------|---|--|---|----------------|----|---|--|---|-----------------------|--------|---|--|---|----------------------|--------|---|--|---|-------|---------|---|--|
| query | Interactive / short / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| title | Replies of a message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pattern | <pre>graph TD message["message: Message id = \$messageId"] -- hasCreator --> messageAuthor["messageAuthor: Person"] comment["comment: Comment id content creationDate"] -- replyOf --> message comment -- hasCreator --> replyAuthor["replyAuthor: Person id firstName lastName"] messageAuthor -.-> «opt» knows replyAuthor</pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| desc. | <p>Given a Message, retrieve the (1-hop) Comments that reply to it.</p> <p>In addition, return a boolean flag <code>knows</code> indicating if the author of the reply (<code>replyAuthor</code>) knows the author of the original message (<code>messageAuthor</code>). If author is same as original author, return False for <code>knows</code> flag.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| params | <table><tr><td>1</td><td>messageId</td><td>ID</td><td colspan="2"></td></tr></table> | | | | | 1 | messageId | ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | messageId | ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| result | <table><tr><td>1</td><td>comment.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>2</td><td>comment.content</td><td>Text</td><td>R</td><td></td></tr><tr><td>3</td><td>comment.creationDate</td><td>DateTime</td><td>R</td><td></td></tr><tr><td>4</td><td>replyAuthor.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>5</td><td>replyAuthor.firstName</td><td>String</td><td>R</td><td></td></tr><tr><td>6</td><td>replyAuthor.lastName</td><td>String</td><td>R</td><td></td></tr><tr><td>7</td><td>knows</td><td>Boolean</td><td>C</td><td>True if the <code>knows</code> edge exists between the <code>replyAuthor</code> and the <code>messageAuthor</code> nodes, False otherwise (including the case when the two nodes are the same)</td></tr></table> | | | | | 1 | comment.id | ID | R | | 2 | comment.content | Text | R | | 3 | comment.creationDate | DateTime | R | | 4 | replyAuthor.id | ID | R | | 5 | replyAuthor.firstName | String | R | | 6 | replyAuthor.lastName | String | R | | 7 | knows | Boolean | C | True if the <code>knows</code> edge exists between the <code>replyAuthor</code> and the <code>messageAuthor</code> nodes, False otherwise (including the case when the two nodes are the same) |
| 1 | comment.id | ID | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | comment.content | Text | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | comment.creationDate | DateTime | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | replyAuthor.id | ID | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | replyAuthor.firstName | String | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | replyAuthor.lastName | String | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | knows | Boolean | C | True if the <code>knows</code> edge exists between the <code>replyAuthor</code> and the <code>messageAuthor</code> nodes, False otherwise (including the case when the two nodes are the same) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| sort | <table><tr><td>1</td><td>comment.creationDate</td><td>↓</td><td colspan="2"></td></tr><tr><td>2</td><td>replyAuthor.id</td><td>↑</td><td colspan="2"></td></tr></table> | | | | | 1 | comment.creationDate | ↓ | | | 2 | replyAuthor.id | ↑ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | comment.creationDate | ↓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | replyAuthor.id | ↑ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |