

## Interactive / short / 7

IS 1

IS 2

IS 3

IS 4

IS 5

IS 6

IS 7

query	Interactive / short / 7																																							
title	Replies of a message																																							
pattern	<pre>graph TD     Message["message: Message id = \$messageId"] -- hasCreator --&gt; messageAuthor["messageAuthor: Person"]     Comment["comment: Comment id content creationDate"] -- replyOf --&gt; Message     Comment -- hasCreator --&gt; replyAuthor["replyAuthor: Person id firstName lastName"]     messageAuthor -.-&gt; «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></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></td></tr><tr><td>2</td><td>replyAuthor.id</td><td>↑</td><td></td></tr></table>					1	comment.creationDate	↓		2	replyAuthor.id	↑																												
	1	comment.creationDate	↓																																					
2	replyAuthor.id	↑																																						