

## Interactive / short / 7

IS 1  
IS 2  
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IS 7

query	Interactive / short / 7																																							
title	Replies of a message																																							
pattern	<pre>graph TD     Message["message: Message&lt;br/&gt;id = \$messageId"]     Comment["comment: Comment&lt;br/&gt;id&lt;br/&gt;content&lt;br/&gt;creationDate"]     messageAuthor["messageAuthor: Person"]     replyAuthor["replyAuthor: Person&lt;br/&gt;id&lt;br/&gt;firstName&lt;br/&gt;lastName"]     Message -- hasCreator --&gt; messageAuthor     Comment -- replyOf --&gt; Message     Comment -- hasCreator --&gt; replyAuthor     messageAuthor -.-&gt; «opt» knows  replyAuthor</pre>																																							
description	Given a Message with ID \$messageId, retrieve the (1-hop) Comments that reply to it. In addition, return a boolean flag knows indicating if the author of the reply (replyAuthor) knows the author of the original message (messageAuthor). If author is same as original author, return False for knows flag.																																							
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 knows edge exists between the replyAuthor and the messageAuthor 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 knows edge exists between the replyAuthor and the messageAuthor 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																																					
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7	knows	Boolean	C	True if the knows edge exists between the replyAuthor and the messageAuthor 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	↑																																						