

Interactive / short / 2

IS 1

IS 2

IS 3

IS 4

IS 5

IS 6

IS 7

query	Interactive / short / 2																																							
title	Recent messages of a person																																							
pattern	 <pre>graph TD person[person: Person] -- hasCreator --> message[message: Message] message -- replyOf*0.. --> post[post: Post] post -- hasCreator --> originalPoster[originalPoster: Person]</pre> <p>The diagram illustrates the graph pattern. It consists of three main components: a person: Person entity (orange box) with a variable <code>id = \$personId</code>, a message: Message entity (purple box) with attributes <code>id</code>, <code>content / imageFile</code>, and <code>creationDate</code>, and a post: Post entity (red box) with attribute <code>id</code>. There is also an originalPoster: Person entity (orange box) with attributes <code>id</code>, <code>firstName</code>, and <code>lastName</code>. The relationships are: <code>person</code> hasCreator <code>message</code>, <code>message</code> replyOf*0.. <code>post</code>, and <code>post</code> hasCreator <code>originalPoster</code>.</p>																																							
desc.	Given a start Person, retrieve the last 10 Messages created by that user. For each Message, return that Message, the original Post in its conversation (<code>post</code>), and the author of that Post (<code>originalPoster</code>). If any of the Messages is a Post, then the original Post (<code>post</code>) will be the same Message, i.e. that Message will appear twice in that result.																																							
params	<table><tr><td>1</td><td>personId</td><td>ID</td><td></td></tr></table>					1	personId	ID																																
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result	<table><tr><td>1</td><td>message.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>2</td><td>message.content or message.imageFile (for photos)</td><td>Text</td><td>R</td><td></td></tr><tr><td>3</td><td>message.creationDate</td><td>DateTime</td><td>R</td><td></td></tr><tr><td>4</td><td>post.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>5</td><td>originalPoster.id</td><td>ID</td><td>R</td><td></td></tr><tr><td>6</td><td>originalPoster.firstName</td><td>String</td><td>R</td><td></td></tr><tr><td>7</td><td>originalPoster.lastName</td><td>String</td><td>R</td><td></td></tr></table>					1	message.id	ID	R		2	message.content or message.imageFile (for photos)	Text	R		3	message.creationDate	DateTime	R		4	post.id	ID	R		5	originalPoster.id	ID	R		6	originalPoster.firstName	String	R		7	originalPoster.lastName	String	R	
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sort	<table><tr><td>1</td><td>message.creationDate</td><td>↓</td><td></td></tr><tr><td>2</td><td>message.id</td><td>↓</td><td></td></tr></table>					1	message.creationDate	↓		2	message.id	↓																												
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