

Interactive / complex / 8

IC 1

IC 2

IC 3

IC 4

IC 5

IC 6

IC 7

IC 8

IC 9

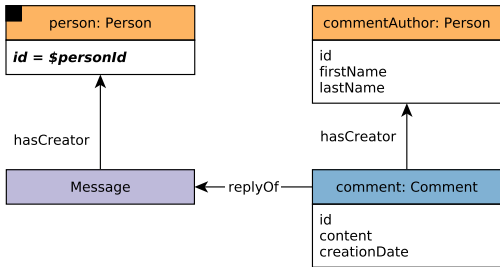
IC 10

IC 11

IC 12

IC 13

IC 14

query	Interactive / complex / 8				
title	Recent replies				
pattern					
desc.	Given a start Person, find the most recent Comments that are replies to Messages of the start Person. Only consider direct (single-hop) replies, not the transitive (multi-hop) ones. Return the reply Comments, and the Person that created each reply Comment.				
params	<div><div>1</div><div>personId</div><div>ID</div><div></div></div>				
result	<div><div>1</div><div>commentAuthor.id</div><div>ID</div><div>R</div><div></div></div>				
	<div><div>2</div><div>commentAuthor.firstName</div><div>String</div><div>R</div><div></div></div>				
	<div><div>3</div><div>commentAuthor.lastName</div><div>String</div><div>R</div><div></div></div>				
	<div><div>4</div><div>comment.creationDate</div><div>DateTime</div><div>R</div><div></div></div>				
	<div><div>5</div><div>comment.id</div><div>ID</div><div>R</div><div></div></div>				
	<div><div>6</div><div>comment.content</div><div>Text</div><div>R</div><div></div></div>				
sort	<div><div>1</div><div>comment.creationDate</div><div>↓</div><div></div></div>				
	<div><div>2</div><div>comment.id</div><div>↑</div><div></div></div>				
limit	20				
CPs	2.4, 3.3, 5.3				
relevance	This query looks for paths of length two, starting from a given Person, going through its created Messages and finishing at their replies. In this query there is temporal locality between the replies being accessed. Thus the top-k order by this can interact with the selection, i.e. do not consider older Posts than the 20th oldest seen so far.				