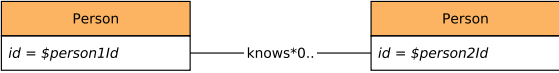


## Interactive / complex / 13

IC 1	query	Interactive / complex / 13			
IC 2	title	Single shortest path			
IC 3	pattern				
IC 6	desc.	<p>Given two Persons, find the shortest path between these two Persons in the subgraph induced by the knows relationships. Return the length of this path:</p> <ul style="list-style-type: none"> <li>• -1: no path found</li> <li>• 0: start person = end person</li> <li>• &gt; 0: regular case</li> </ul>			
IC 10	params	1	person1.id	ID	person1Id
IC 11		2	person2.id	ID	person2Id
IC 12	result	1	length	32-bit Integer	C shortestPathLength
IC 13	CPs	3.3, 7.2, 7.3, 8.1, 8.6			
IC 14	relevance	This query looks for a variable length path, starting at a given <b>Person</b> and finishing at an another given <b>Person</b> . Proper cardinality estimation and search space pruning, will be crucial. This query also allows for possible parallel implementations.			