Interactive / complex / 13

IC 1
IC 2
IC 3
IC 4
IC 5
IC 6
IC 7
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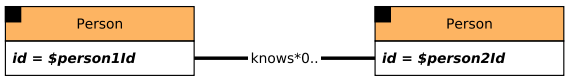
IC 10
IC 11
IC 12
IC 13
IC 14

query	Interactive / complex / 13
title	Single shortest path
pattern	
desc.	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: • −1: no path found • 0: start person = end person • > 0: path found (start person ≠ end person)
params	1 person1Id ID 2 person2Id ID
result	1 shortestPathLength 32-bit Integer C
CPs	3.3, 7.2, 7.3, 7.5, 8.1, 8.6
relevance	This query looks for a variable length path, starting at a given Person and finishing at an another given Person. Proper cardinality estimation and search space pruning, will be crucial. This query also allows for possible parallel implementations.