IC 1
IC 2
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IC 8
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IC 10
IC 11
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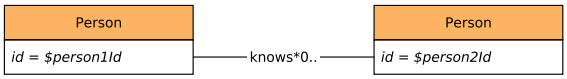
IC 14

Interactive / complex / 13

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: regular case
params	1 person1.id ID person1Id 2 person2.id ID person2Id
result	1 length 32-bit Integer C shortestPathLength
CPs	3.3, 7.2, 7.3, 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 prunning, will be crucial. This query also allows for possible parallel implementations.