Interactive / complex / 13

IC 1	query	Interactive / complex / 13
IC 2	title	Single shortest path
IC 3 IC 4 IC 5	pattern	
IC 6 IC 7 IC 8 IC 9 IC 10 IC 11 IC 12	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)
IC 13 IC 14	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.