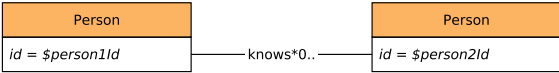


Interactive / complex / 13

query	Interactive / complex / 13			
title	Single shortest path			
pattern				
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">• -1 : no path found• 0: start person = end person• > 0: regular case			
params	1	person1.id	ID	
	2	person2.id	ID	
result	1	length	32-bit Integer	C
CPs	3.3, 7.2, 7.3			
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.			