

Interactive / complex / 13

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|-------|-----------|--|--------------------|----------------|---|
| 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"> • -1: no path found • 0: start person = end person • > 0: path found (start person ≠ end person) | | | |
| IC 10 | params | 1 | person1Id | ID | |
| IC 14 | | 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. | | | |