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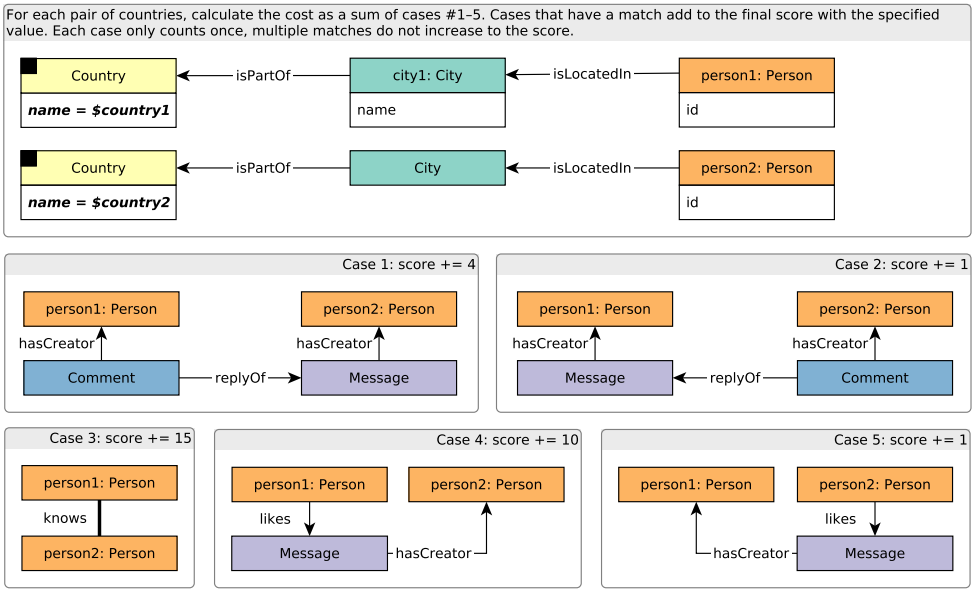
query	BI / read / 14
title	International dialog
pattern	
desc.	Consider all pairs of people `(person1, person2)` such that one is located in a City of Country `country1` and the other is located in a City of Country `country2`. For each City of Country `country1`, return the highest scoring pair. The score of a pair is defined as the sum of the subscores awarded for the following kinds of interaction. The initial value is `score = 0`. 1. `person1` has created a reply Comment to at least one Message by `person2`: `score += 4` 2. `person1` has created at least one Message that `person2` has created a reply to: `score += 1` 3. `person1` and `person2` know each other: `score += 15` 4. `person1` liked at least one Message by `person2`: `score += 10` 5. `person1` has created at least one Message that was liked by `person2`: `score += 1` Consequently, the maximum score a pair can obtain is: `4 + 1 + 15 + 10 + 1 = 31`. This query has two variants based on whether the input parameters are selected as correlated (close countries) or uncorrelated (far countries).

params

1	country1	Long String	`A`: correlated with parameter `country2`, i.e. the countries are close and there are many Persons visiting both Countries. `B`: uncorrelated with parameter `country2`, i.e. the countries are afar and there are few Persons visiting both Countries.
2	country2	Long String	

result

1	person1.id	ID	R	
2	person2.id	ID	R	
3	city1.name	Long String	R	
4	score	32-bit Integer	C	

sort

1	score	↓	
2	person1.id	↑	
3	person2.id	↑	

CPs	1.3, 1.4, 2.1, 3.1, 3.3, 5.1, 5.2, 5.3, 8.3, 8.4