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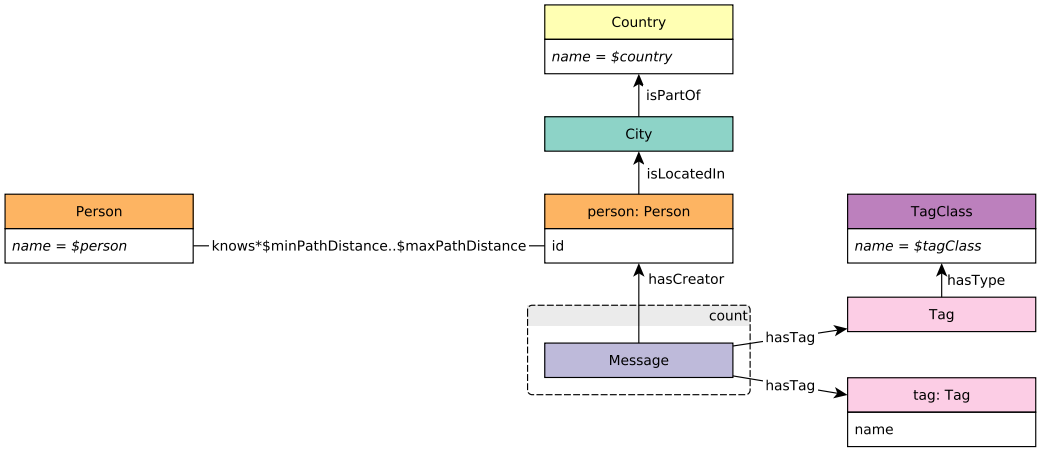
title	Experts in social circle
pattern	
desc.	Given a *Person*, find all other *Persons* that live in a given `country` and are connected to given *Person* by a transitive path with length in range `[minPathDistance, maxPathDistance]` through the *knows* relation. In the path, an edge can be only traversed once while nodes can be traversed multiple times. For each of these *Persons*, retrieve all of their *Messages* (*Posts* & *Comments*) that contain at least one *Tag* belonging to a given *TagClass* (direct relation not transitive). For each *Message*, retrieve all of its *Tags*. Group the results by *Persons* and *Tags*, then count the *Messages* by a certain *Person* having a certain *Tag*.

params

1	`personId`	64-bit Integer	
2	`country`	String	
3	`tagClass`	String	
4	`minPathDistance`	32-bit Integer	
5	`maxPathDistance`	32-bit Integer	

result

1	`person.id`	64-bit Integer	R	
2	`tag.name`	String	R	
3	`messageCount`	32-bit Integer	A	Number of *Messages* created by that *Person* containing that *Tag*

sort

1	`messageCount`	↓
2	`tag.name`	↑
3	`person.id`	↑

limit	100
CPs	1.2, 1.4, 2.3, 2.4, 3.3, 7.1, 7.2, 7.3