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BI 1	query	BI / read / 8
BI 2	title	Central person for a tag
BI 3		For each person with a matching hasInterest and/or hasCreator edge.
BI 4	pattern	compute person.score = (if hasInterest edge exists then 100 else 0) + count(message)
BI 5		Tag <u>«opt»</u> person: Person
BI 6		name = \$tag count id
BI 7		message: Message
BI 8		hasTag creationDate in creation
BI 9		(\$startDate, \$endDate)
BI 10		
BI 11		Calculate the sum of the friends' scores: friendsScore = sum(friend.score)
DI 12		person: Person (optimerson friend: Person
BI 13		
BI 15	description	Given a \$tag, find all Persons that are interested in the \$tag and/or have written a Message (Post or
BI 16		Comment) with a creationDate after a given \$startDate and that has a given \$tag. For each Person,
BI 17		compute the score as the sum of the following two aspects:
BI 18		• 100, if the Person has this \$tag as their interest, or 0 otherwise
BI 19		 number of Messages by this Person with the given \$tag
BI 20		
		Also, for each Person, compute the sum of the score of the Person's friends (friendsScore).
	params	1 \$tag Long String Tags with a similar amount of Messages are selected
		(a): A range during which a flashmob event happened (it
		2 \$startDate Date Should vield at least a 5x difference)
		(b): A regular range (does not include a flashmob event)
		3 \$endDate Date
		1 person.id ID R
	result	2 score 32-bit Integer A
		3 friendsScore 32-bit Integer A The sum of the score of the person's friends
		1 score + friendsScore ↓
	sort	2 person.id ↑
	limit	100
	CPs	1.2, 2.1, 2.3, 3.2, 5.3, 8.2, 8.4, 8.5
	relevance	Similarly to BI 16, there are two major ways to compute this query: (1) creating an induced subgraph of the interested Persons and their friends and performing the scoring on this graph or (2) performing the scoring without creating an induced subgraph and scoring the friends of a Person on-the-fly. The first approach is more efficient as it avoids redundant computations, however, specifying it needs support for composable graph queries.