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IC 1	query	Interactive / complex / 12
IC 2	title	Expert search
IC 3 IC 4 IC 5 IC 6 IC 7 IC 8 IC 9 IC 10 IC 11 IC 12 IC 13 IC 14	pattern	Person knows person: Person id = \$tagClass: TagClass   name = \$tagClassName   name   n
	desc.	Given a start Person, find the Comments that this Person's friends made in reply to Posts, considering only those Comments that are direct (single-hop) replies to Posts, not the transitive (multi-hop) ones. Only consider Posts with a Tag in a given TagClass or in a descendent of that TagClass. Count the number of these reply Comments, and collect the Tags that were attached to the Posts they replied to, but only collect Tags with the given TagClass or with a descendant of that TagClass. Return Persons with at least one reply, the reply count, and the collection of Tags.
	params	1 Person.id ID personId 2 TagClass.name String tagClassName
	result	1     Person.id     ID     R     personId       2     Person.firstName     String     R     personFirstName       3     Person.lastName     String     R     personLastName       4     {Tag.name}     {String}     R     tagNames       5     replyCount     32-bit Integer     A     replyCount - Number of reply Comments
	sort	1 count ↓ 2 Person.id ↑
	limit	20
	CPs	3.3, 7.2, 7.3, 8.2
	relevance	This query looks for paths of length three, starting at a Person, moving to its friends, the to their Comments and ending at the Post the Comments are replying. The chain from original post to the reply is transitive. The traversal may be initiated at either end, the system may note that this is a tree, hence leaf to root is always best. Additionally, a hash table can be built from either end, e.g. from the friends of self, from the tags in the category, from the or other.