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title	Recent posts and comments by friends or friends of friends			
pattern	<pre> graph LR Person[id = \$id] -- knows*1..2 --> person_person[person: Person] person_person -- hasCreator --> Message[id, content / imageFile, creationDate] </pre>			
desc.	Given a start Person, find the (most recent) Messages created by that Person's friends or friends of friends (excluding start Person). Only consider the Messages created before a given date (excluding that date).			
params	1	Person.id	ID	
	2	date	Date	
result	1	Message-hasCreator->Person.id	ID	R
	2	Message-hasCreator->Person.firstName	String	R
	3	Message-hasCreator->Person.lastName	String	R
	4	Message.id	ID	R
	5	Message.content or Post.imageFile	String	R
	6	Message.creationDate	DateTime	R
sort	1	Message.creationDate	↓	
	2	Message.id	↑	
limit	20			
CPs	1.1, 1.2, 2.2, 2.3, 3.2, 3.3			
relevance	This query looks for paths of length two or three, starting from a given Person, moving to its friends and friends of friends, and ending at their created Messages. This is one of the most complex queries, as the list of choke-points indicates. This query is expected to touch variable amounts of data with entities of different characteristics, and therefore, properly estimating cardinalities and selecting the proper operators will be crucial.			