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IC 1	query	Interactive / complex / 9
IC 2	title	Recent messages by friends or friends of friends
IC 3 IC 4 IC 5 IC 6 IC 7 IC 8 IC 9 IC 10 IC 11	pattern	person: Person   id     id = \$personId   id     firstName   lastName     hasCreator   id     creationDate < \$maxDate   id     id   creationDate
IC 12 IC 13 IC 14v1	description	Given a start Person with ID \$personId, find the most recent Messages created by that Person's friends or friends of friends (excluding the start Person). Only consider Messages created before the given \$maxDate (excluding that day).
IC 14v2	params	1\$personIdID2\$maxDateDate
	result	1otherPerson.idIDR2otherPerson.firstNameStringR3otherPerson.lastNameStringR4message.idIDR5message.content or photos)TextR6message.creationDateDateTimeR
	sort	1 message.creationDate ↓   2 message.id ↑
	limit	20
	CPs	1.1, 1.2, 2.2, 2.3, 3.2, 3.3, 8.5
	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.