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query	BI / read / 18
title	Friend recommendation

pattern	

For each person1 compute top-k(person2) based on mutualFriendCount

desc.	For a given Tag (tag), for each person1 interested in tag, recommend new friends (person2) who • do not yet know person1 • at least one mutual friend with person1 • are also interested in tag. Rank Persons person2 based on the number of mutual friends with person1.

params	1	tag	Long String	Tags with a similar amount of Persons are selected

result	1	person1.id	ID	R	
	2	person2.id	ID	R	
	3	mutualFriendCount	32-bit Integer	A	

sort	1	mutualFriendCount	↓	
	2	person1.id	↑	
	3	person2.id	↑	

limit	20
CPs	2.5, 8.1