

Updates / delete / 1

DEL 1	query	Updates / delete / 1
DEL 2	title	Remove person and its personal forums and message (sub)threads
DEL 3	pattern	
DEL 4	description	Remove a Person with ID \$personId and its edges (isLocatedIn, studyAt, workAt, hasInterest, likes, knows, hasMember, hasModerator, hasCreator). Additionally, remove the Album and Wall Forums whose moderator is the Person and remove all Messages the Person has created in the rest of the Forums (Groups).
DEL 5	params	1 \$personId ID
DEL 6	CPs	9.3, 9.4, 9.5
DEL 7	relevance	<ul style="list-style-type: none"> Removal of a Person removes Forums of type “Walls” and “Albums” but not “Groups”, which can continue if even the founder has left the network. For Groups, the hasModerator edge is deleted. We have discussed various approaches to appoint a new moderator, e.g. <ol style="list-style-type: none"> choose member at random from the set of existing group members or the member with the oldest group join date becomes the moderator. However, to keep the generator and the workload simple, currently no moderator is selected, leaving the group without a moderator. Removal of a Person removes all Posts/Comments they are creator of this could result in the removal of a Comment in the middle of a thread.
DEL 8		

Updates / delete / 2

DEL 1	query	Updates / delete / 2
DEL 2	title	Remove post like
DEL 3	pattern	
DEL 4	description	Given a Person with ID \$personId and a Post with ID \$postId, remove the likes edge between them.
DEL 5	params	1 \$personId ID 2 \$postId ID
DEL 6	CPs	9.4
DEL 7	relevance	Removal of a likes edge is a rare event, e.g. people accidentally liking a Post, this can be reflected by the relative frequency of the operation.
DEL 8		

Updates / delete / 3

DEL 1	query	Updates / delete / 3		
DEL 2	title	Remove comment like		
DEL 3	pattern			
DEL 4	description	Given a Person with ID \$personId and a Comment with ID \$commentId, remove the likes edge between them.		
DEL 5	params	1	\$personId	ID
DEL 6		2	\$commentId	ID
DEL 7	CPs	9.4		
DEL 8	relevance	Removal of a likes edge is a rare event, e.g. people accidentally liking a Comment, this can be reflected by the relative frequency of the operation.		

Updates / delete / 4

DEL 1	query	Updates / delete / 4		
DEL 2	title	Remove forum and its content		
DEL 3	pattern			
DEL 4	description	Remove a Forum with ID \$forumId and its edges (hasModerator, hasMember, hasTag) and all Posts in the Forum (connected by containerOf edges) and their direct and transitive Comments.		
DEL 5	params	1	\$forumId	ID
DEL 6	CPs	9.3, 9.4, 9.5		
DEL 7	relevance	n/a		
DEL 8				

Updates / delete / 5

DEL 1	query	Updates / delete / 5		
DEL 2	title	Remove forum membership		
DEL 3	pattern			
DEL 4	description	Given a Forum with ID \$forumId and a Person with ID \$personId, remove the hasMember edge between them.		
DEL 5	params	1	\$forumId	ID
DEL 6		2	\$personId	ID
DEL 7	CPs	9.4		
DEL 8	relevance	n/a		

Updates / delete / 6

DEL 1	query	Updates / delete / 6		
DEL 2	title	Remove post thread		
DEL 3	pattern			
DEL 4	description	Remove a Post node with ID \$postId and its edges (isLocatedIn, likes, hasCreator, hasTag, containerOf). Remove all replies to the Post and the connecting replyOf edges. In addition, remove all transitive reply Comments to the Post and their edges.		
DEL 5	params	1	\$postId	ID
DEL 6	CPs	9.3, 9.4, 9.5		
DEL 7	relevance	n/a		
DEL 8				

Updates / delete / 7

DEL 1	query	Updates / delete / 7
DEL 2	title	Remove comment subthread
DEL 3	pattern	<pre> graph TD Comment1[Comment id = \$commentId] -- likes --> Person1[Person] Comment1 -- hasCreator --> Person2[Person] Comment1 -- isLocatedIn --> Country[Country] Comment1 -- hasTag --> Tag[Tag] Comment1 -- replyOf --> Comment2[Comment v delete recursively] </pre>
DEL 4	description	Remove a Comment node with ID \$commentId and its edges (isLocatedIn, likes, hasCreator, hasTag). In addition, remove all replies to the Comment connected by replyOf and their edges.
DEL 5	params	1 \$commentId ID
DEL 6	CPs	9.3, 9.4, 9.5
DEL 7	relevance	n/a
DEL 8		

Updates / delete / 8

DEL 1	query	Updates / delete / 8
DEL 2	title	Remove friendship
DEL 3	pattern	<pre> graph LR Person1[Person id = \$person1Id] -- knows --> Person2[Person id = \$person2Id] </pre>
DEL 4	description	Given two Person nodes with IDs \$person1Id and \$person2Id, remove the knows edge between them.
DEL 5	params	1 \$person1Id ID 2 \$person2Id ID
DEL 6	CPs	9.4
DEL 7	relevance	n/a
DEL 8		