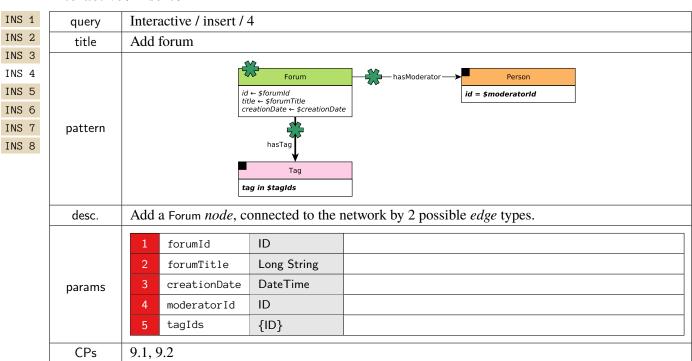
NS 1	query	Interactive / insert / 1					
S 2	title	Add person					
IS 3 IS 4 IS 5 IS 6 IS 7 IS 8	pattern	City id = \$cityId Tag id in \$tagIds	id ← \$personId firstName ← \$person lastName ← \$lastNan gender ← \$gender birthday + \$birthday creationDate ← \$creationDate locationIP ← \$location browserUsed ← \$brov {speaks} ← \$langua(email) ← \$emails	nFirstName me / ationDate onIP	studyA {classYear ← \$study. workA {workFrom ← \$workA	At[i].classYear} *	University id = \$studyAt[i].universityId Company id = \$workAt[j].companyId
	desc.	Add a Person node, conn	ected to the net	work by	4 possible edge	e types.	
	params	1 personId 2 personFirstName 3 personLastName 4 gender 5 birthday 6 creationDate 7 locationIP 8 browserUsed 9 cityId 10 languages 11 emails 12 tagIds 13 studyAt 14 workAt	ID String String String Date DateTime String String ID {String} {Long String} {ID} { <id, 32-bit="" integer="">}</id,>		ersityId, clas anyId, workFro		
	CPs	9.1, 9.2					

Interactive / insert / 2

INS 1	query	Interactive / insert / 2		
INS 2	title	Add like to post		
INS 3 INS 4 INS 5	pattern	$\frac{\text{likes}}{\text{lid} = \$personId}$ $id = \$personId$ $id = \$postId$		
INS 6	desc.	Add a likes <i>edge</i> to a Post.		
INS 7		1 personId ID 2 postId ID		
	params	3 creationDate DateTime		
	CPs	9.2		

INS 1	query	Interactive / insert / 3		
INS 2	title	Add like to comment		
INS 3		likes		
INS 4	pattern	Person Comment Comment Comment		
INS 5		id = \$personId		
INS 6	desc.	Add a likes <i>edge</i> to a Comment.		
INS 7				
INS 8		1 personId ID		
	params	2 commentId ID		
		3 creationDate DateTime		
	CPs	9.2		

Interactive / insert / 4



INS 1	query	Interactive / insert / 5			
INS 2	title	Add forum membership			
INS 3		hasMember			
INS 4	pattern	Person creationDate ← \$creationDate)			
INS 5		id = \$personId			
INS 6	desc.	Add a Forum membership <i>edge</i> (hasMember) to a Person.			
INS 7					
INS 8		1 personId ID			
	params	2 forumId ID			
		3 creationDate DateTime			
	CPs	9.1, 9.2			

Interactive / insert / 6

INS 1	query	Interactive / insert / 6
INS 2	title	Add post
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	Post $id = \$authorPersonId$ $id = \$authorPer$
	desc.	Add a Post <i>node</i> to the social network connected by 4 possible <i>edge</i> types (hasCreator, containerOf, isLocatedIn, hasTag).
	params	1 postId ID 2 imageFile String 3 creationDate DateTime 4 locationIP String 5 browserUsed String 6 language String 7 content Text 8 length 32-bit Integer 9 authorPersonId ID 10 forumId ID 11 countryId ID 12 tagIds {ID}
	CPs	9.1, 9.2

INS 1	query	Interactive / insert / 7			
INS 2	title	Add comment			
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	Person id = \$authorPersonId Post id = \$replyToPostId Comment id = \$replyToCommentId	-replyOf crea brov cont	Comment \$commentid stionDate ← \$creationDate tionIP ← \$locationIP wserUsed ← \$browserUsed tent ← \$content th ← \$length hasTag	Country id = \$countryId Tag id in \$tagIds
	desc. Add a Comment <i>node</i> replying to a Post/Comment, connected to the network by types (replyOf, hasCreator, isLocatedIn, hasTag).		work by 4 possible edge		
	params	1 commentId 2 creationDate 3 locationIP 4 browserUsed 5 content 6 length 7 authorPersonId 8 countryId 9 replyToPostId 10 replyToCommentId 11 tagIds	ID DateTime String String Text 32-bit Integer ID ID ID ID ID	-1 if the Comment is a reply of -1 if the Comment is a reply of	

Interactive / insert / 8

9.1, 9.2

CPs

INS 1	query	Interactive / insert / 8
INS 2	title	Add friendship
INS 3		krowe
INS 4	pattern	Person knows (creationDate) Person
INS 5	'	id = \$person2Id
INS 6	desc.	Add a friendship <i>edge</i> (knows) between two Persons.
INS 7		
INS 8		1 person1Id ID
	params	2 person2Id ID
		3 creationDate DateTime
	CPs	9.2