INS 1
INS 2
INS 3
INS 4
INS 5
INS 6
INS 7
INS 8

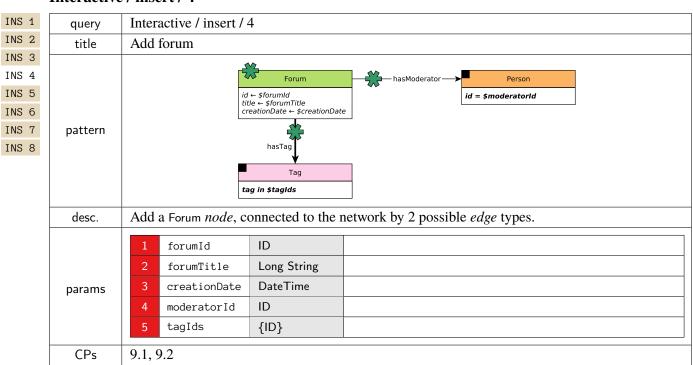
query	Interactive / insert / 1				
title	Add person				
pattern	City id = \$cityId Tag id in \$tagIds	id ← \$personId firstName ← \$person lastName ← \$lastNar gender ← \$gender birthday ← \$birthday creationDate ← \$cree locationIP ← \$locatio browserUsed ← \$bro {speaks} ← \$languar {email} ← \$emails	FirstName ne ationDate nIP wserUsed	studyAt classYear ← \$studyAt[i].classYear} workAt workFrom ← \$workAt[j].workFrom}	University id = \$studyAt[i].universityId Company id = \$workAt[j].companyId
desc.	Add a Person node, conr	nected to the net	work by 4 p	ossible <i>edge</i> types.	
params	1 personId 2 personFirstName 3 personLastName 4 gender 5 birthday 6 creationDate 7 locationIP 8 browserUsed			tyId, classYear>}	
CPs	9.1, 9.2				

Interactive / insert / 2

INS 1	query	Interactive / insert / 2				
INS 2	title	Add like to post				
INS 3		likes Doort				
INS 4	pattern	Person (creationDate ← \$creationDate) Post				
INS 5	-	id = \$personId				
INS 6	desc.	Add a likes <i>edge</i> to a Post.				
INS 7						
INS 8		1 personId ID				
	params	2 postId ID				
		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 (creationDate ← \$creationDate) 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 ← ScreationDate) Forum				
INS 5	•	id = \$forumId				
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	Person id = \$authorPersonId Forum id = \$forumId Forum containerOf Post id \leftarrow \$postId imageFile \leftarrow \$freationDate locationIP \leftarrow \$locationIP browserUsed \leftarrow \$browserUsed language \leftarrow \$language content \leftarrow \$content length \leftarrow \$length
	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		Person	-hasCreator-			
INS 5		id = \$authorPersonId		<u> </u>		
INS 6		Post	—replyOf—	Comment	isLocatedIn —	Country
INS 7	pattern	id = \$replyToPostId	cre	– \$commentId ationDate ← \$creationDate		id = \$countryId
INS 8		Comment	replyOfbro	ationIP ← \$locationIP wserUsed ← \$browserUsed htent ← \$content	hasTag	Tag
		id = \$replyToCommentId		gth ← \$length	••	id in \$taglds
	desc. Add a Comment <i>node</i> replying to a Post/Comment, connected to the network by 4 post types (replyOf, hasCreator, isLocatedIn, hasTag).			ork by 4 possible edge		
		1 commentId	ID			
	params	2 creationDate	DateTime			
		3 locationIP	String			
		4 browserUsed	String			
		5 content	Text			
		6 length	32-bit Integer			
		7 authorPersonId	ID			
		8 countryId	ID			
		9 replyToPostId	ID	−1 if the Comm	ent is a reply of	a Comment
		10 replyToCommentId	ID	−1 if the Comm	ent is a reply of	a Post
		11 tagIds	{ID}			

Interactive / insert / 8

CPs

9.1, 9.2

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