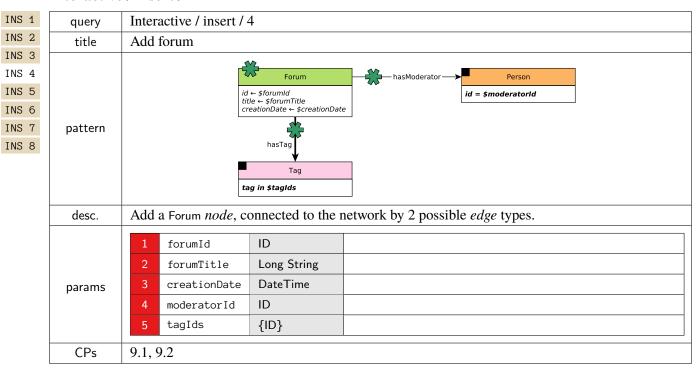
INS 1	query	Interactive / insert / 1				
INS 2	title	Add person				
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	City id = \$cityId Tag id in \$tagIds	Person id ← \$personId firstName ← \$person lastName ← \$lastNam gender ← \$gender birthday ← \$birthday creationDate ← \$creationCationIP ← \$locationid browserUsed ← \$brov {\$peaks} ← \$languag {email} ← \$emails	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, conn	nected to the net	work by	4 possible <i>edge</i> 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,>		versityId, classYear>} panyId, workFrom>}	
	CPs	9.1, 9.2	Integer>}	((((((((((((((((((((

Interactive / insert / 2

INS 1	query	Interactive / insert / 2			
INS 2	title	Add like to post			
INS 3		likes Dect			
INS 4	pattern	(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 Comment Commen			
INS 5	,	id = \$personId id = \$commentId			
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	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> reptypes (replyOf, hasCreator,			ed to the netwo	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					
INS 4	pattern	Person knows Person			
INS 5		id = \$person2ld			
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			