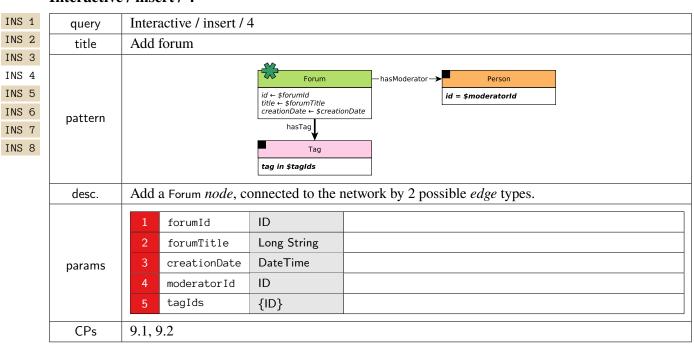
INS 1	query	Interactive / insert / 1				
INS 2	title	Add person				
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	City isLocate id = \$cityId Tag hasInte id in \$tagIds	id ← \$personld firstName ← \$personFirstName lastName ← \$lastName gender ← \$gender	studyAt (classYear ← \$studyAt[i].classYear) id = \$studyAt[i] workAt (workFrom ← \$workAt[j].workFrom) id = \$workAt[j]		
	desc.	Add a Person node, connec	cted to the network by 4 po	ossible <i>edge</i> types.		
	params	2 personFirstName S 3 personLastName S 4 gender S 5 birthday C 6 creationDate C 7 locationIP S 8 browserUsed S 9 cityId III 10 languages { 11 emails { 12 tagIds { 13 studyAt { 14 workAt { 15 } 16 } 17 } 18 } 19 } 10 } 11 } 12 } 13 } 14 15 16 17 18 19 10 10 10 11 12 13 14 15 16 17 18 19 10 10 11 11 12 13 14 15 16 17 18 19 10 11 11 12 13 14 15 16 17 18 18 19 10 10 11 11 11 11 11 12 13 14 15 16 17 18 19 10 11 11 11 12 13 14 15 16 17 17 18 19 19 10 10 11 11 11 11 11 11	Integer>} { <id_32-bit< td=""><td>tyId, classYear>}</td></id_32-bit<>	tyId, classYear>}		
	CPs	9.1, 9.2				

Interactive / insert / 2

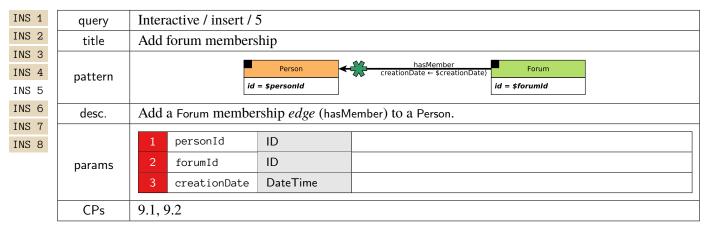
INS 1	query	Interactive / insert / 2			
INS 2	title	Add like to post			
INS 3		likes Doort			
INS 4	pattern	(creationDate ← \$creationDate)			
INS 5	-	id = \$personId			
INS 6	desc.	Add a likes <i>edge</i> to a Post.			
INS 7					
INS 8		1 personId ID			
	params	2 postId ID			
		3 creationDate DateTime			
	CPs	9.2			

INS 1	query	Interactive / insert / 3				
INS 2	title	Add like to comment				
INS 3		likes County				
INS 4	pattern	(creationDate ← \$creationDate)				
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



Interactive / insert / 5



9.1, 9.2

CPs

	includite / insert / v					
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 = \$authorPerson Forum id = \$forumId	hasCreator—hald containerOf—	Post id ← \$postId imageFile ← \$imageFile creationDate ← \$creationDate locationIP ← \$locationIP browserUsed ← \$browserUsed language ← \$language content ← \$content length ← \$length	— isLocatedIn → hasTag →	id = \$countryId Tag id in \$tagIds
	desc.	Add a Post <i>node</i> to the isLocatedIn, hasTag).	social network o	connected by 4 poss	ible <i>edge</i> ty	pes (hasCreator, containerOf,
	params	1 postId 2 imageFile 3 creationDate 4 locationIP 5 browserUsed 6 language 7 content 8 length 9 authorPersonId 10 forumId 11 countryId 12 tagIds	ID String DateTime String String String Text 32-bit Integer ID ID ID			

S 1	query	Interactive / insert / 7	
S 2	title	Add comment	
NS 3 NS 4 NS 5 NS 6 NS 7 NS 8	pattern		
-	desc.	Add a Comment <i>node</i> replying to a Post/Comment, connected to the network by types (replyOf, hasCreator, isLocatedIn, hasTag).	4 possible <i>edg</i>
	params	1 commentId ID 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 Comment is a reply of a Com 10 replyToCommentId ID —1 if the Comment is a reply of a Post 11 tagIds {ID}	
-	CPs	9.1, 9.2	

Interactive / insert / 8

INS 1	query	Interactive / insert / 8			
INS 2	title	Add friendship			
INS 3		knows			
INS 4	pattern	Person knows Person (creationDate ← \$creationDate)			
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			