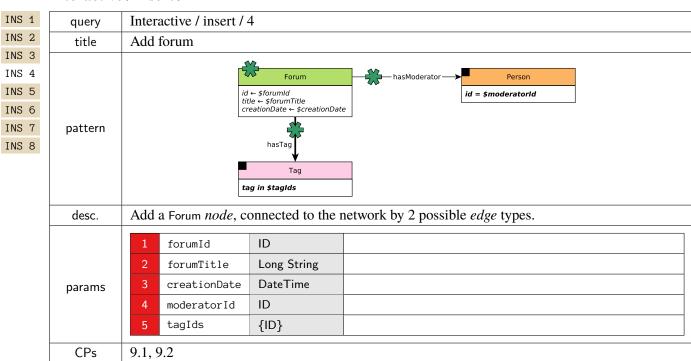
INS 1	query	Interactive / insert / 1			
INS 2	title	Add person			
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	City  id = \$cityId  Tag  hasInterest = id in \$tagIds	Person  id ← \$personId  firstName ← \$personI  lastName ← \$lastNam  gender ← \$gender  birthday ← \$birthday  creationDate ← \$crea  locationIP ← \$location  browserUsed ← \$brov  {speaks} ← \$languag  {email} ← \$emails	workAt tionDate oliP vserUsed  workAt workFrom ← \$workAt[j].workFrom}	Id = \$studyAt[i].universityId  Company  id = \$workAt[j].companyId
	desc.	Add a Person <i>node</i> , conr	nected to the nety	vork 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,>	<pre>{<universityid, classyear="">} {<companyid, workfrom="">}</companyid,></universityid,></pre>	
	CPs	9.1, 9.2	-07		

# 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 (creationDate ← \$creationDate) Comment			
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

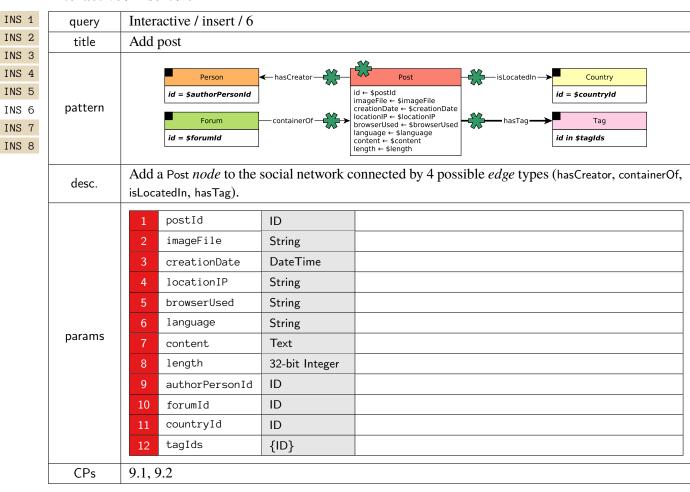


INS 1	query	Interactive / insert / 5			
INS 2	title	Add forum membership			
INS 3		hasMember			
INS 4	pattern	reationDate ← \$creationDate)			
INS 5		id = \$forumId			
INS 6	desc.	Add a Forum membership <i>edge</i> (hasMember) to a Person.			
INS 7		* 5			
INS 8		1 personId ID			
	params	2 forumId ID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

#### **Interactive / insert / 6**

INS 1

INS 6



INS 1	query	Interactive / insert / 7				
INS 2	title	Add comment				
INS 3		Person	-hasCreator-			
INS 5		id = \$authorPersonId		<b>4</b>		
INS 6	pattern	Post	—replyOf—	Comment	isLocatedIn —	Country
INS 7		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,	replying to a Post/Comment, connected to the network by 4 poor, isLocatedIn, hasTag).		ork by 4 possible edge	
		1 commentId	ID			
		2 creationDate	DateTime			
	params	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

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