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

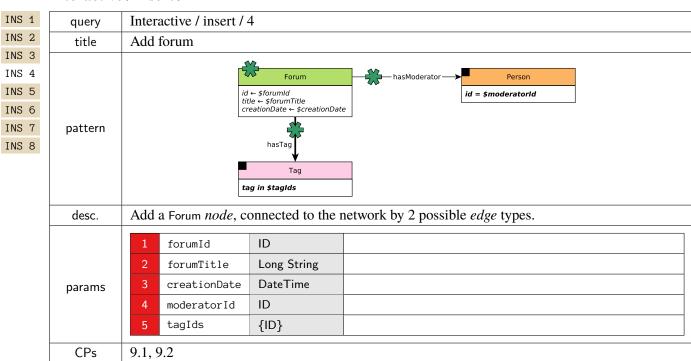
query	Interactive / insert / 1				
title	Add person				
pattern	firstName ← \$personFirstName lastName ← \$lastName gender ← \$gender birthday ← \$birthday creationDate ← \$creationDate ← \$workAt[j].workFrom}	University \$studyAt[i].universityId Company \$workAt[j].companyId			
desc.	Add a Person <i>node</i> , connected to the network by 4 possible <i>edge</i> types.				
params	1 personId ID 2 personFirstName String 3 personLastName String 4 gender String 5 birthday Date 6 creationDate DateTime 7 locationIP String 8 browserUsed String 9 cityId ID 10 languages {String} 11 emails {Long String} 12 tagIds {ID} 13 studyAt { <id, 32-bit="" integer="">} 14 workAt {<id, 32-bit="" integer="">} {</id,></id,>				
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			
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	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	pattern	Person id = \$authorPersonId id ← \$postId imageFile ← \$imageFile creationDate creationDate reationDate ← \$countryId imageFile creationDate creati
INS 7	·	IocationIP ← \$locationIP browserUsed ← \$prowserUsed language ← \$language ←
	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 possible <i>edge</i> types (replyOf, hasCreator, isLocatedIn, hasTag).				
		1 commentId	ID			
		2 creationDate	DateTime			
		3 locationIP	String			
		4 browserUsed	String			
	params	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		knows			
INS 4	pattern	$\frac{\text{knows}}{\text{(creationDate)}} \qquad \frac{\text{Person}}{\text{Person}}$			
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			