Interactive / insert / 1

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

query	Interactive / insert / 1
title	Add person
pattern	
desc.	Add a Person *node*, connected to the network by 4 possible *edge* 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>}	{‹universityId, classYear›}
	14	workAt	{<ID, 32-bit Integer>}	{‹companyId, workFrom›}

CPs	9.1, 9.2

Interactive / insert / 2

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

query	Interactive / insert / 2
title	Add like to post
pattern	
desc.	Add a likes *edge* to a Post.

params				
	1	personId	ID	
	2	postId	ID	
	3	creationDate	DateTime	
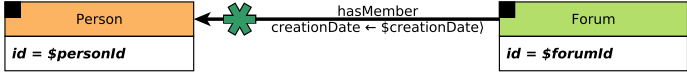
CPs	9.2

Interactive / insert / 3

INS 1	query	Interactive / insert / 3
INS 2	title	Add like to comment
INS 3		
INS 4	pattern	
INS 5		
INS 6	desc.	Add a likes *edge* to a Comment.
INS 7		
INS 8	params	
	CPs	9.2

pattern diagram:

Person (id = $personId) → likes (creationDate ← $creationDate) → Comment (id = $commentId)

params:

1	personId	ID	
2	commentId	ID	
3	creationDate	DateTime	
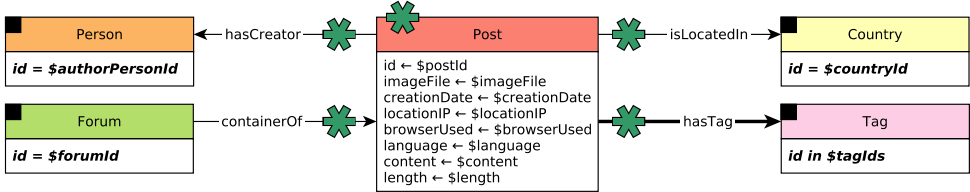
Interactive / insert / 4

INS 1	query	Interactive / insert / 4
INS 2	title	Add forum
INS 3		
INS 4		
INS 5	pattern	
INS 6		
INS 7		
INS 8		
	desc.	Add a Forum *node*, connected to the network by 2 possible *edge* types.
	params	
	CPs	9.1, 9.2

pattern diagram:

Forum (id ← $forumId, title ← $forumTitle, creationDate ← $creationDate) → hasModerator → Person (id = $moderatorId)

Forum → hasTag → Tag (tag in $tagIds)

params:

1	forumId	ID	
2	forumTitle	Long String	
3	creationDate	DateTime	
4	moderatorId	ID	
5	tagIds	{ID}	

Interactive / insert / 5

INS 1	query	Interactive / insert / 5
INS 2	title	Add forum membership
INS 3		
INS 4	pattern	
INS 5		
INS 6	desc.	Add a Forum membership *edge* (hasMember) to a Person.
INS 7		
INS 8	params	

1	personId	ID
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	pattern	
INS 5		
INS 6		
INS 7		
INS 8		

desc.	Add a Post *node* to the social network connected by 4 possible *edge* types (hasCreator, containerOf, isLocatedIn, hasTag).

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

Interactive / insert / 7

INS 1	query	Interactive / insert / 7
INS 2	title	Add comment
INS 3		
INS 4		
INS 5		
INS 6		
INS 7	pattern	
INS 8		

	desc.	Add a Comment *node* replying to a Post/Comment, connected to the network by 4 possible *edge* types (replyOf, hasCreator, isLocatedIn, hasTag).

	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 Comment
	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		
INS 4	pattern	
INS 5		

INS 6	desc.	Add a friendship *edge* (knows) between two Persons.

INS 7	params			
INS 8	1	person1Id	ID	
	2	person2Id	ID	
	3	creationDate	DateTime	

	CPs	9.2