Interactive / insert / 1

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

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	
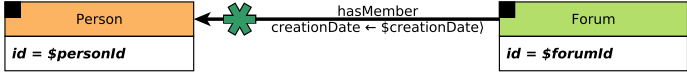
CPs	9.2

Interactive / insert / 3

INS 1	query	Interactive / insert / 3
INS 2	title	Add like to comment
INS 3 INS 4 INS 5	pattern	
INS 6	desc.	Add a likes *edge* to a Comment.
INS 7 INS 8	params	<table><tr><td>1</td><td>personId</td><td>ID</td><td></td></tr><tr><td>2</td><td>commentId</td><td>ID</td><td></td></tr><tr><td>3</td><td>creationDate</td><td>DateTime</td><td></td></tr></table>
	CPs	9.2
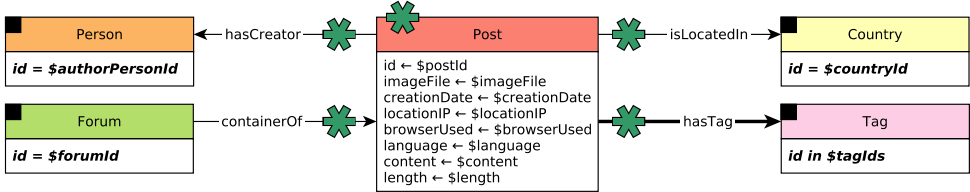
Interactive / insert / 4

INS 1	query	Interactive / insert / 4
INS 2	title	Add forum
INS 3 INS 4 INS 5 INS 6 INS 7 INS 8	pattern	
	desc.	Add a Forum *node*, connected to the network by 2 possible *edge* types.
	params	<table><tr><td>1</td><td>forumId</td><td>ID</td><td></td></tr><tr><td>2</td><td>forumTitle</td><td>Long String</td><td></td></tr><tr><td>3</td><td>creationDate</td><td>DateTime</td><td></td></tr><tr><td>4</td><td>moderatorId</td><td>ID</td><td></td></tr><tr><td>5</td><td>tagIds</td><td>{ID}</td><td></td></tr></table>
	CPs	9.1, 9.2

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	

pattern diagram: Person (id = $personId$) ← hasMember (creationDate ← $creationDate$) — Forum (id = $forumId$)

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		
INS 5	pattern	
INS 6		
INS 7		
INS 8		

pattern diagram: Person (id = $authorPersonId$) ← hasCreator — Post (id ← $postId$, imageFile ← $imageFile$, creationDate ← $creationDate$, locationIP ← $locationIP$, browserUsed ← $browserUsed$, language ← $language$, content ← $content$, length ← $length$) → isLocatedIn → Country (id = $countryId$); Forum (id = $forumId$) — containerOf → Post; Post — hasTag → Tag (id in $tagIds$)

desc.	Add a Post *node* to the social network connected by 4 possible *edge* 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

Interactive / insert / 7

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

pattern:

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

		1	commentId	ID	
		2	creationDate	DateTime	
		3	locationIP	String	
		4	browserUsed	String	
		5	content	Text	
	params	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		

pattern:

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

		1	person1Id	ID	
	params	2	person2Id	ID	
		3	creationDate	DateTime	

	CPs	9.2