

## Updates / insert / 1

INS 1	query	Updates / insert / 1		
INS 2	title	Add person		
INS 3	pattern	<p>The diagram illustrates a pattern for adding a Person node. A central orange box labeled 'Person' contains variables: id ← \$personId, firstName ← \$personFirstName, lastName ← \$lastName, gender ← \$gender, birthday ← \$birthday, creationDate ← \$creationDate, locationIP ← \$locationIP, browserUsed ← \$browserUsed, speaks ← \$languages, and email ← \$emails. Four edges connect this central node to other entities: 'isLocatedIn' connects to a 'City' node (id = \$cityId); 'studyAt' connects to a 'University' node (id = \$studyAt[k].universityId); 'hasInterest' connects to a 'Tag' node (id in \$tagIds); and 'workAt' connects to a 'Company' node (id = \$workAt[j].companyId).</p>		
INS 4	description	Add a Person <i>node</i> , connected to the network by 4 possible <i>edge</i> types.		
INS 5	params	1	\$personId	ID
INS 6		2	\$personFirstName	String
INS 7		3	\$personLastName	String
INS 8		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>}
	CPs	9.1, 9.2		

## Updates / insert / 2

INS 1	query	Updates / insert / 2		
INS 2	title	Add like to post		
INS 3	pattern	<p>The diagram illustrates a pattern for adding a like edge. A central orange box labeled 'Person' contains variables: id ← \$personId. An edge labeled 'likes' connects this node to a red box labeled 'Post' (id = \$postId). The edge also has a variable: creationDate ← \$creationDate.</p>		
INS 4	description	Add a likes <i>edge</i> to a Post.		
INS 5	params	1	\$personId	ID
INS 6		2	\$postId	ID
INS 7		3	\$creationDate	DateTime
INS 8	CPs	9.2		

## Updates / insert / 3

INS 1	query	Updates / insert / 3		
INS 2	title	Add like to comment		
INS 3	pattern			
INS 4	description	Add a likes edge to a Comment.		
INS 5	params	1	\$personId	ID
INS 6		2	\$commentId	ID
INS 7		3	\$creationDate	DateTime
INS 8	CPs	9.2		

## Updates / insert / 4

INS 1	query	Updates / insert / 4		
INS 2	title	Add forum		
INS 3	pattern			
INS 4	description	Add a Forum node, connected to the network by 2 possible edge types.		
INS 5	params	1	\$forumId	ID
INS 6		2	\$forumTitle	Long String
INS 7		3	\$creationDate	DateTime
INS 8		4	\$moderatorId	ID
		5	\$tagIds	{ID}
	CPs	9.1, 9.2		

## Updates / insert / 5

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

## Updates / insert / 6

INS 1	query	Updates / insert / 6		
INS 2	title	Add post		
INS 3	pattern			
INS 4	description	Add a Post <i>node</i> connected to the network by 4 possible <i>edge</i> types (hasCreator, containerOf, isLocatedIn, hasTag).		
INS 5	params	1	\$postId	ID
INS 6		2	\$imageFile	String
INS 7		3	\$creationDate	DateTime
INS 8		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		

## Updates / insert / 7

INS 1	query	Updates / insert / 7		
INS 2	title	Add comment		
INS 3	pattern			
INS 4				
INS 5	params	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).		
INS 6		1	\$commentId	ID
INS 7		2	\$creationDate	DateTime
INS 8		3	\$locationIP	String
		4	\$browserUsed	String
		5	\$content	Text
		6	\$length	32-bit Integer
		7	\$authorPersonId	ID
		8	\$countryId	ID
		9	\$replyToPostId	ID
		10	\$replyToCommentId	ID
		11	\$tagIds	{ID}
CPs	9.1, 9.2			

## Updates / insert / 8

INS 1	query	Updates / insert / 8		
INS 2	title	Add friendship		
INS 3	pattern			
INS 4				
INS 5	params	Add a friendship <i>edge</i> (knows) between two Persons.		
INS 6		1	\$person1Id	ID
INS 7		2	\$person2Id	ID
INS 8		3	\$creationDate	DateTime
CPs	9.2			