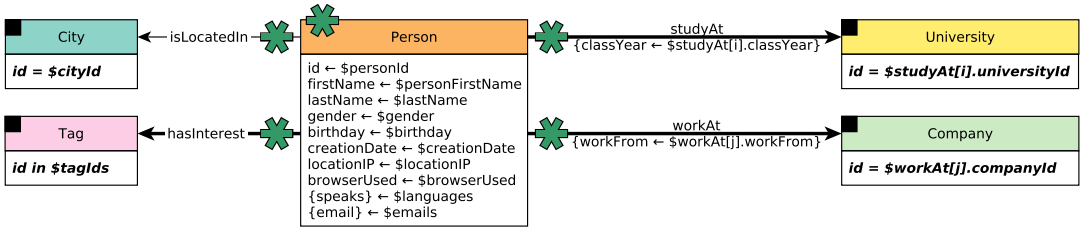
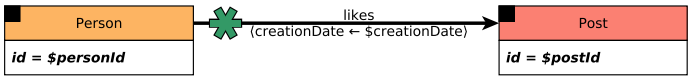
## Interactive / insert / 1

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

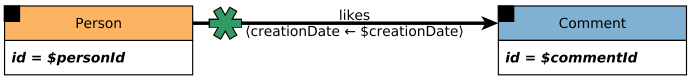
| | | | |
|---|---|---|---|
| 1 | personId | ID | |
| 2 | personFirstName | String | |
| 3 | personLastName | String | |
| 4 | gender | String | |
| 5 | birthday | Date | |
| 6 | creationDate | DateTime | |
| 7 | locationIP | String | |
| 8 | browserUsed | String | |
| 9 | cityId | ID | |
| 10 | languages | {String} | |
| 11 | emails | {Long String} | |
| 12 | tagIds | {ID} | |
| 13 | studyAt | {<ID, 32-bit Integer>} | {‹universityId, classYear›} |
| 14 | workAt | {<ID, 32-bit Integer>} | {‹companyId, workFrom›} |

## Interactive / insert / 2

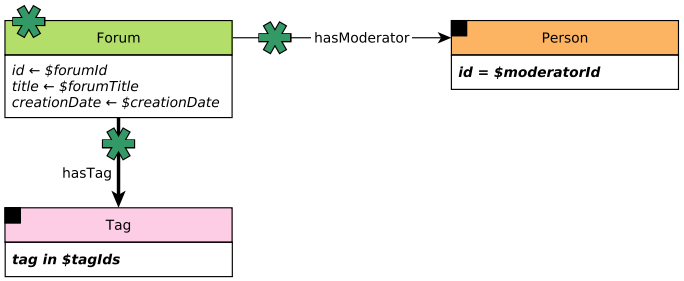
| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 2 |
| INS 2 | title | Add like to post |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a likes *edge* to a Post. |
| INS 5 | params | |
| INS 6 | CPs | 9.2 |

| | | | |
|---|---|---|---|
| 1 | personId | ID | |
| 2 | postId | ID | |
| 3 | creationDate | DateTime | |

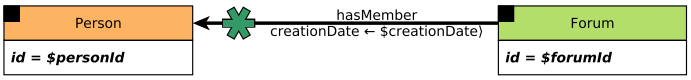
## Interactive / insert / 3

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

## Interactive / insert / 4

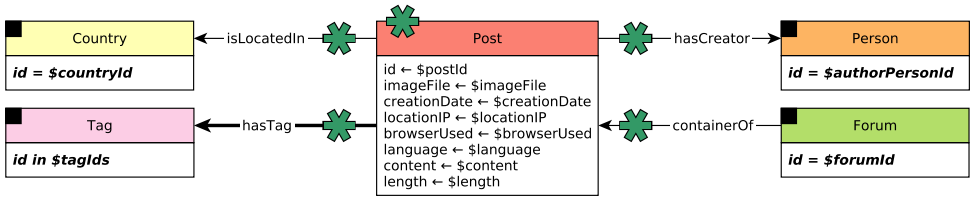
| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 4 |
| INS 2 | title | Add forum |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a Forum *node*, connected to the network by 2 possible *edge* types. |
| INS 5 | params | 1 forumId ID<br>2 forumTitle Long String<br>3 creationDate DateTime<br>4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

## Interactive / insert / 5

| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 5 |
| INS 2 | title | Add forum membership |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a Forum membership *edge* (hasMember) to a Person. |
| INS 5 | params | |
| INS 6 | CPs | 9.1, 9.2 |
| INS 7 | | |
| INS 8 | | |

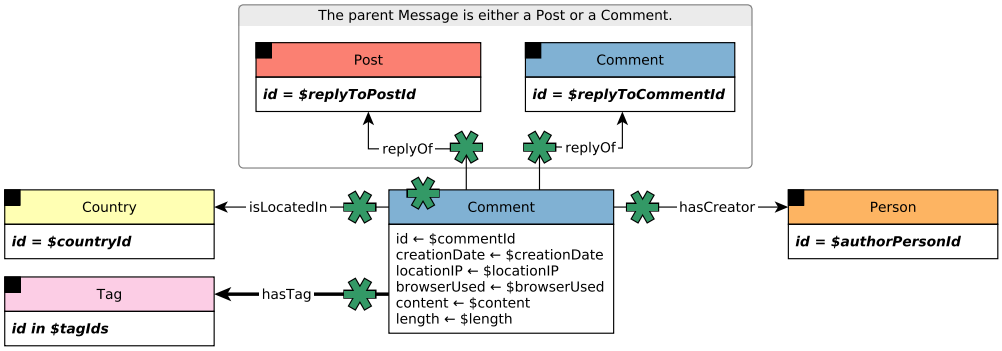
| | | | |
|---|---|---|---|
| 1 | personId | ID | |
| 2 | forumId | ID | |
| 3 | creationDate | DateTime | |

## Interactive / insert / 6

| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 6 |
| INS 2 | title | Add post |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a Post *node* to the social network connected by 4 possible *edge* types (hasCreator, containerOf, isLocatedIn, hasTag). |
| INS 5 | params | |
| INS 6 | CPs | 9.1, 9.2 |
| INS 7 | | |
| INS 8 | | |

| | | | |
|---|---|---|---|
| 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} | |

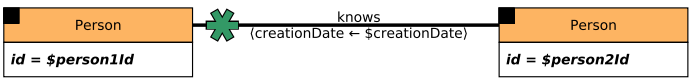
## Interactive / insert / 7

| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 7 |
| INS 2 | title | Add comment |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a Comment *node* replying to a Post/Comment, connected to the network by 4 possible *edge* types (replyOf, hasCreator, isLocatedIn, hasTag). |
| INS 5 | params | |
| INS 6 | CPs | 9.1, 9.2 |



| | | | |
|---|---|---|---|
| 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} | |

## Interactive / insert / 8

| | | |
|---|---|---|
| INS 1 | query | Interactive / insert / 8 |
| INS 2 | title | Add friendship |
| INS 3 | pattern |  |
| INS 4 | desc. | Add a friendship *edge* (knows) between two Persons. |
| INS 5 | params | |
| INS 6 | CPs | 9.2 |



| | | | |
|---|---|---|---|
| 1 | person1Id | ID | |
| 2 | person2Id | ID | |
| 3 | creationDate | DateTime | |