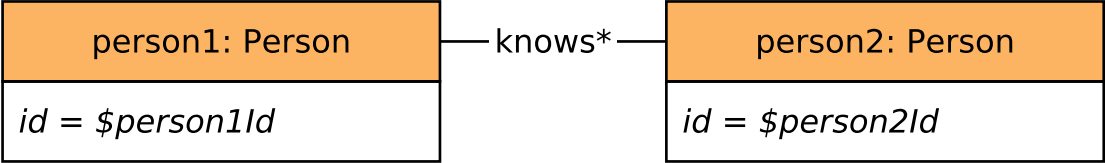
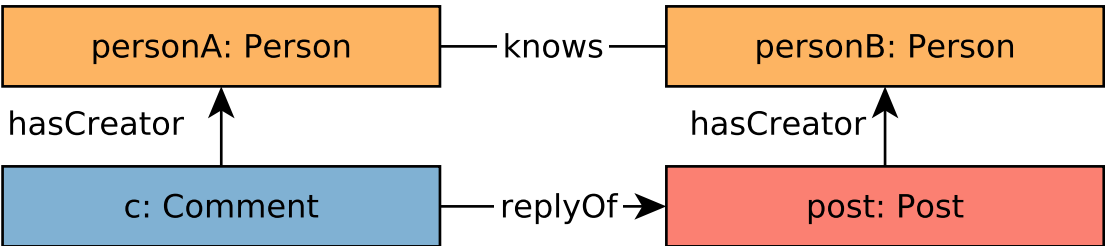


Enumerate all shortest paths on knows edges from person1 to person2.  
For each edge on this path, calculate a weight based on interactions between the Persons of the edge. Interactions are calculated as a sum of cases #1 and #2 for the Persons (both ways), and the sum of these weights determine the weight of each path.



case 1: Replies on Posts, weight += 1.0 \* count(c)



case 2: Replies on Comments, weight += 0.5 \* count(c1)

