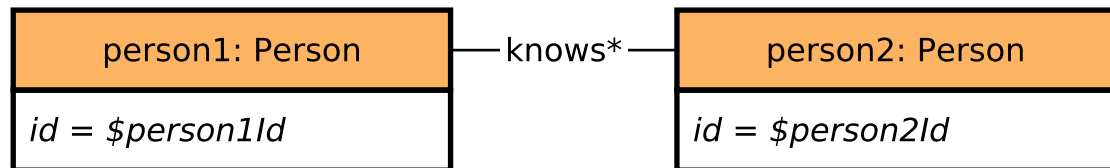
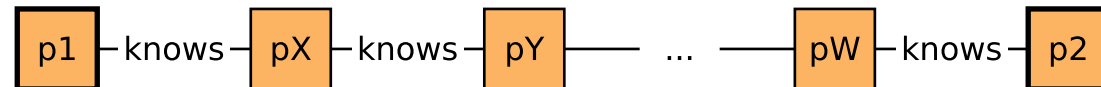


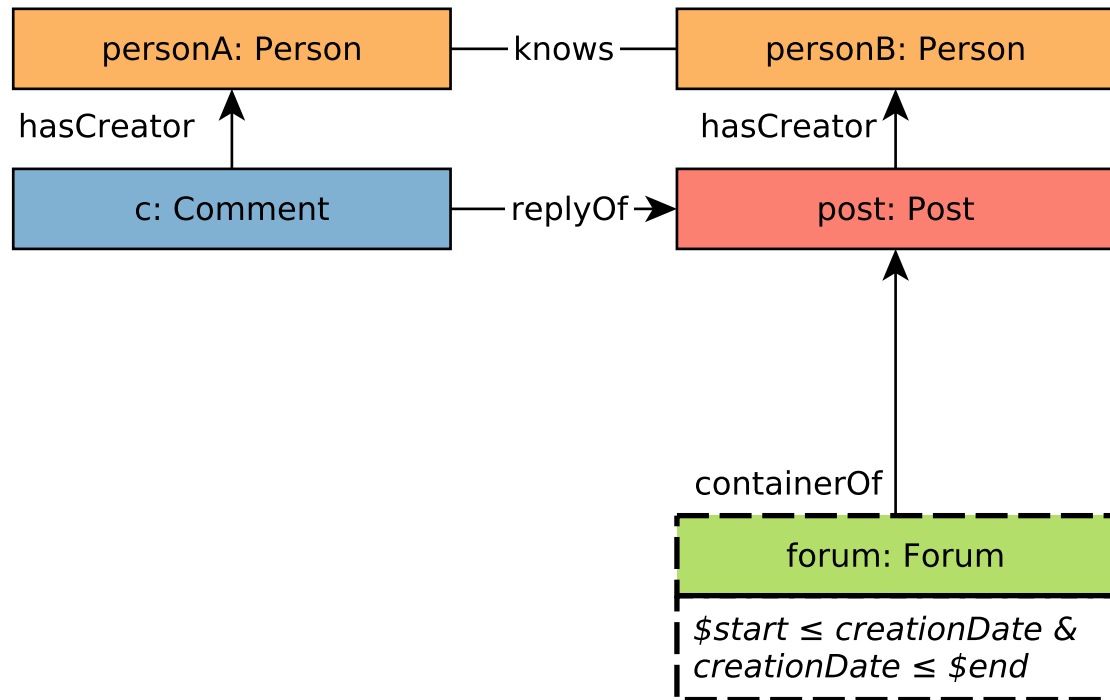
Enumerate all unweighted shortest paths on knows edges between person1 to person2.



For each edge on the path, calculate a weight based on interactions between the pair of Persons of the edge, are calculated as a sum of cases #1 and #2 for the Persons (both ways), and the sum of these weights determine the total weight of each path.



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



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

