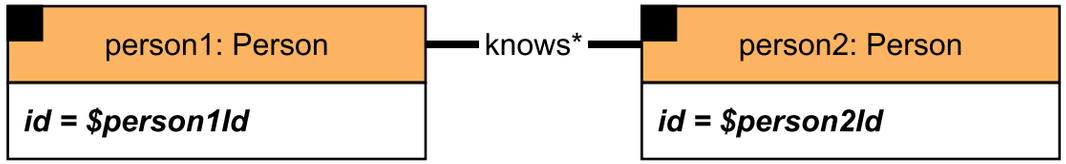
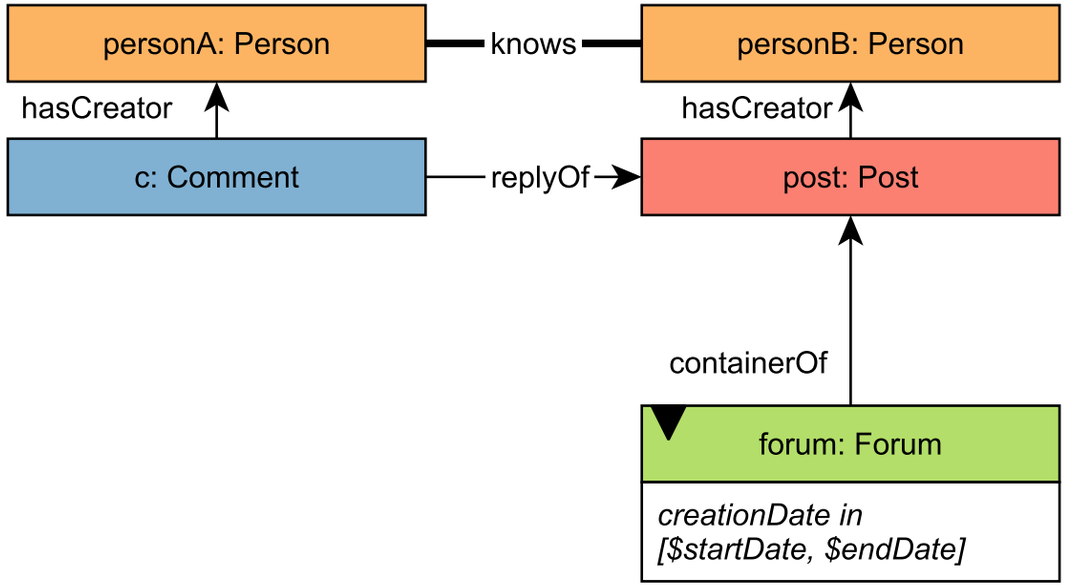
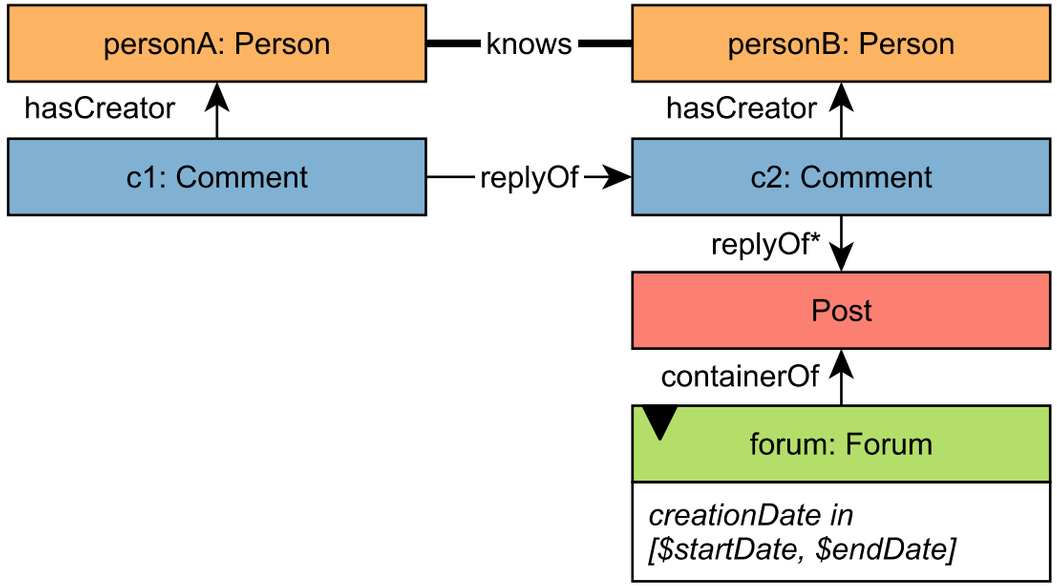
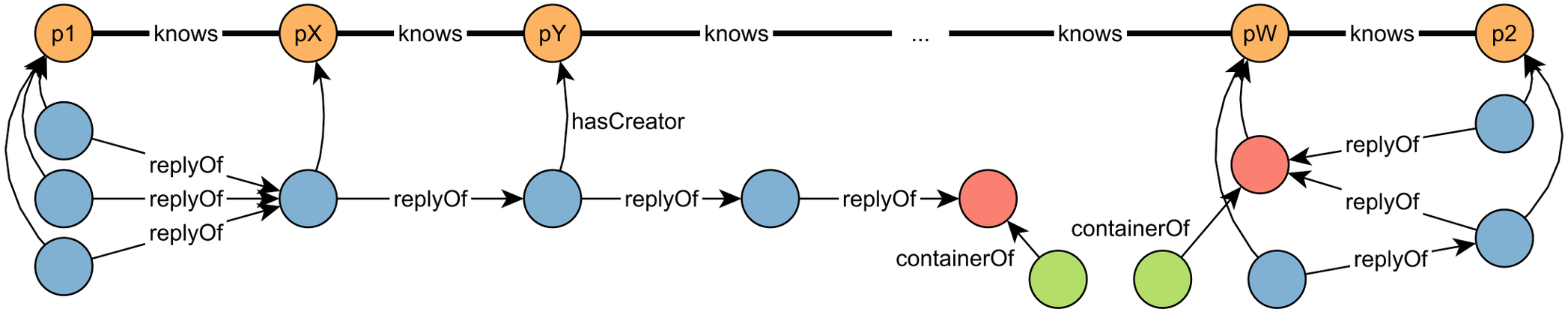
Calculate the weight of the shortest path on knows edges between person1 and person2. Edge weights are determined as 1 / (interaction score + 1), where interaction score is the sum of cases #1 and #2 for the Person endpoints of the edge (tried both ways).



Case 1: Replies on Posts, weight += 1.0 × count(c)



Case 2: Replies on Comments, weight += 0.5 × count(c1)



Example for finding a path between person1 and person2