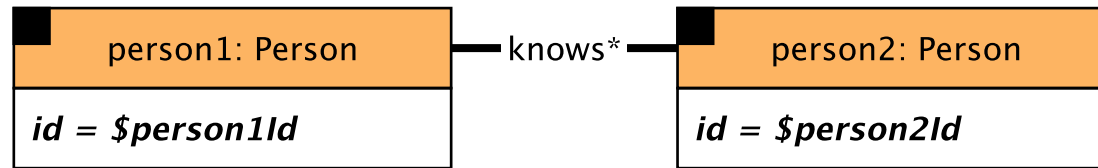
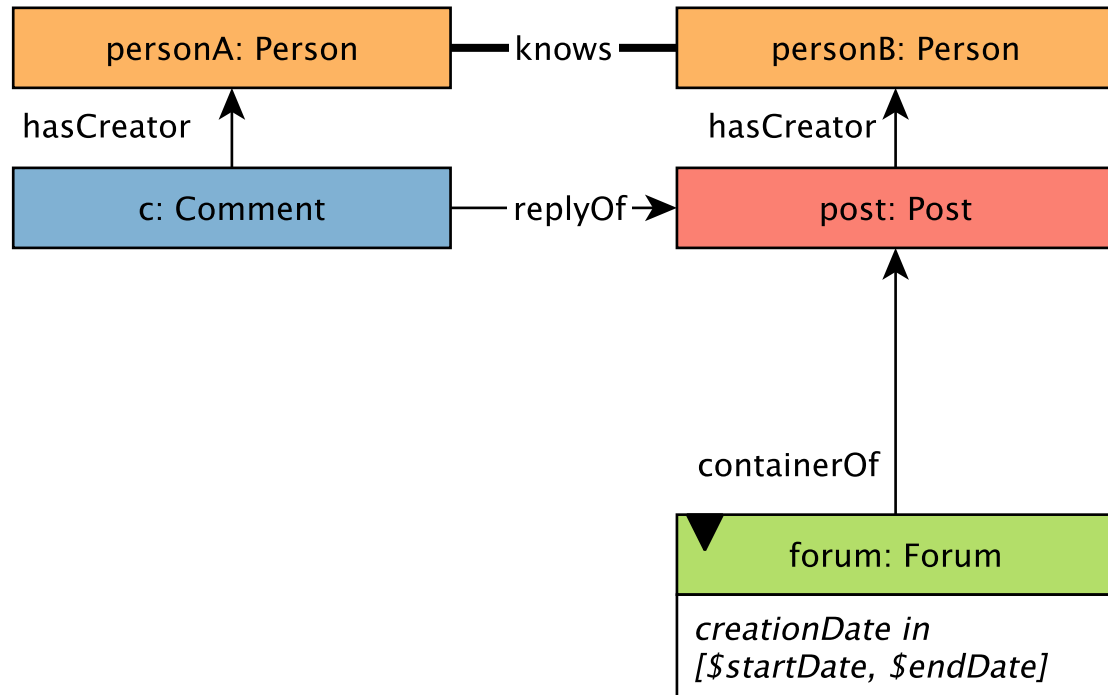


Calculate the weight of the shortest path on knows edges between person1 and person2. Edge weights are determined as $1 / (\text{interaction score} + 1)$, where interaction score is the sum of cases #1 and #2 for the Person endpoints of the edge (tried both ways).



Case 1: Replies on Posts, weight += $1.0 \times \text{count}(c)$



Case 2: Replies on Comments, weight += $0.5 \times \text{count}(c1)$

