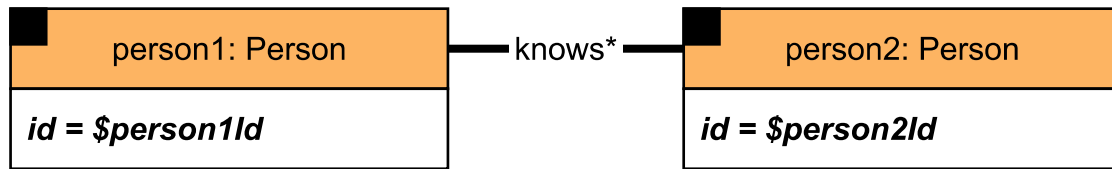
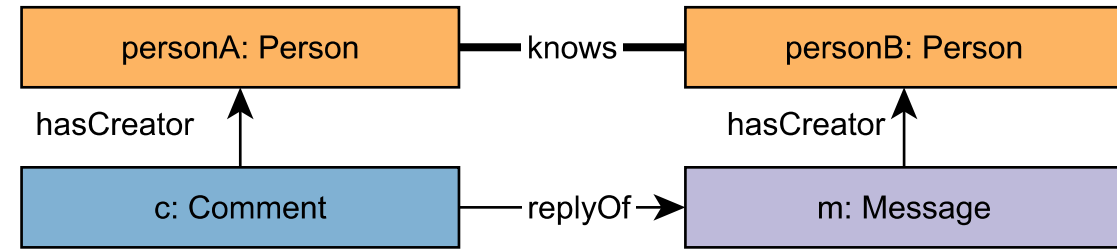


Find a cheapest path on edges where  $\text{numInteractions} \geq 1$ ,  
using edge weight =  $\max(\text{floor}(40 - \sqrt{\text{numInteractions}}), 1)$



$\text{numInteractions} = \text{count}(c)$



Example for finding a path between person1 and person2

