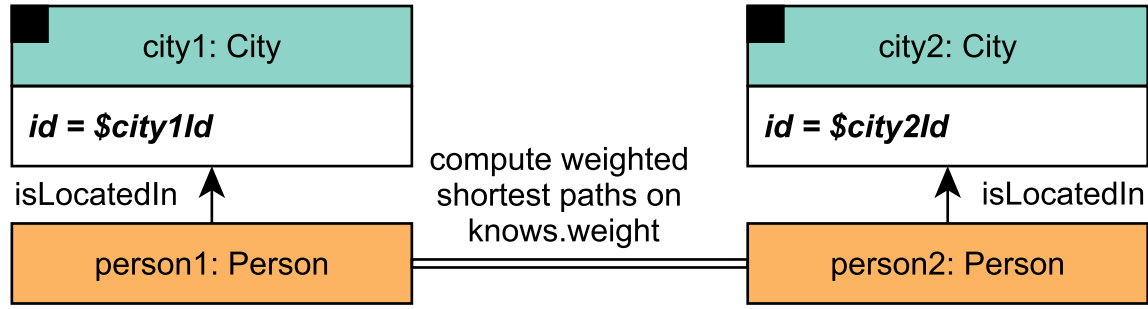
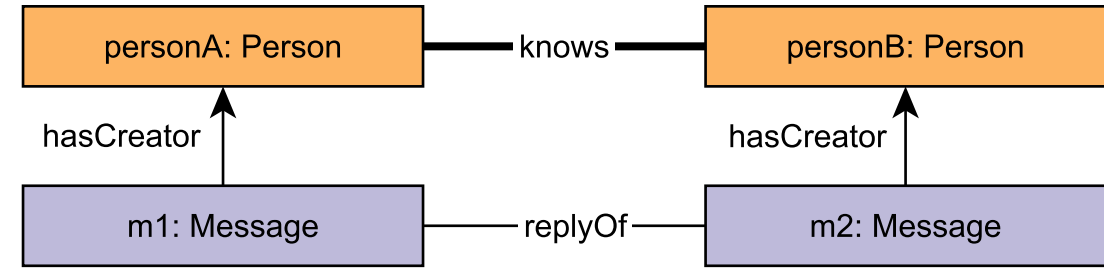


Find the shortest paths between all pairs of Persons in city1 and city2.
The weight of a knows edge is based on the number of interactions
between its Persons: $\text{knows.weight} = 1 / \text{count}(\text{interactions})$



Reply from personA to personB's Message, or personB to personA's Message



Example for finding a path between person1 and person2

