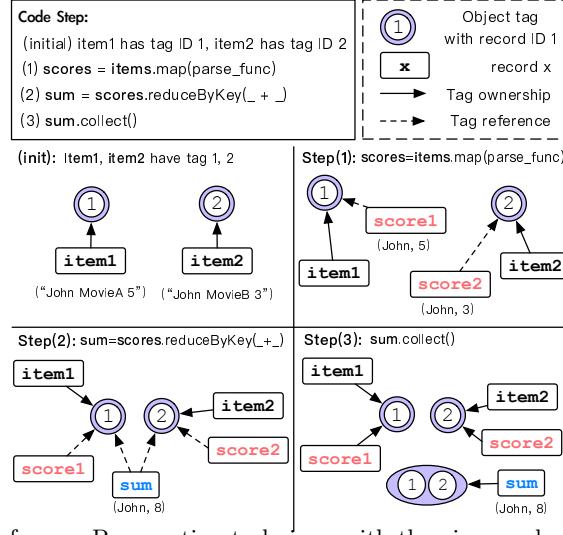**Appendix (C): Non-text figures**

Figure 1: The Reference Propagation technique with the given code (for **Objective 1**).
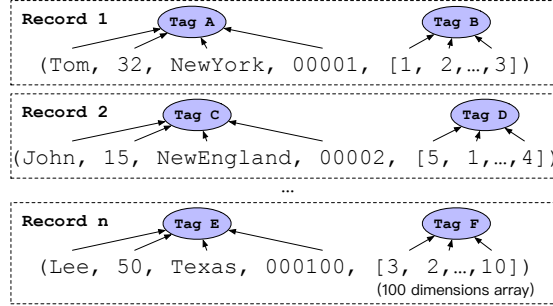

Figure 2: The Tag Sharing technique between fields in each record (for **Objective 1**).
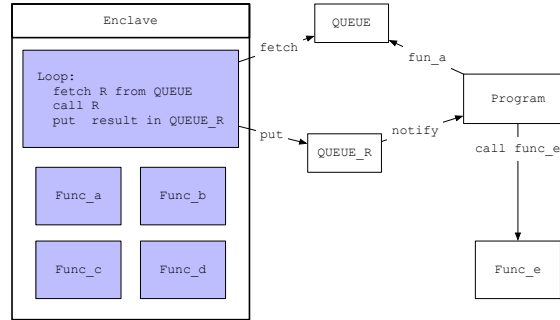

Figure 3: The Data-locality-aware Asynchronous Enclave (DAE) call abstraction (for **Objective 3**).