Information Representation (ASL version)
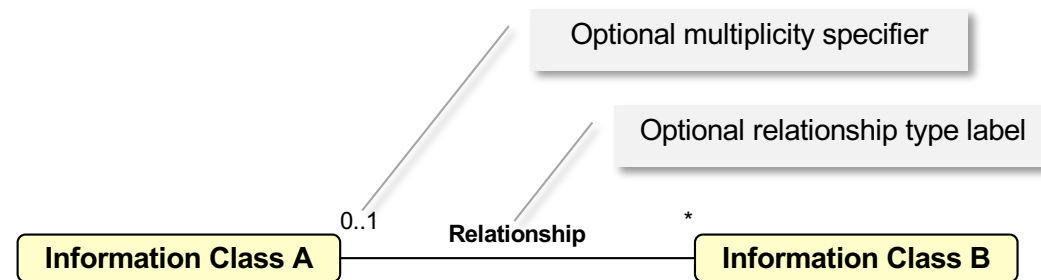## (Relationships derived from UML)

Information Objects are abstract representations of information and data structures. They may be referenced in many other views.

The explicit definitions of Information Objects in this Viewpoint are tied by correspondence to the Functional or other Views where they are referenced.

Information objects may themselves be decomposed into lower level objects, shown by containment or relationships.

Specific information object structures will typically be instantiated during design and realized in different forms during development.

Different instantiations or realizations of the same Information Object may occur in different deployments.

Optional multiplicity specifier

Optional relationship type label

0..1   **Relationship**   *

Information Class A —————— **Information Class B**

Relationship Types (UML derived): Read as sentence with subject = start of arrow, verb = label, and object = end of arrow

◁——— Inheritance

◆——— Composition

◇——— Aggregation

———— Association (other relationship, labelled)

←——— Directional Association

←- - - - - Correspondence

Fig 10-3, with mods