
Formal Specification of Software

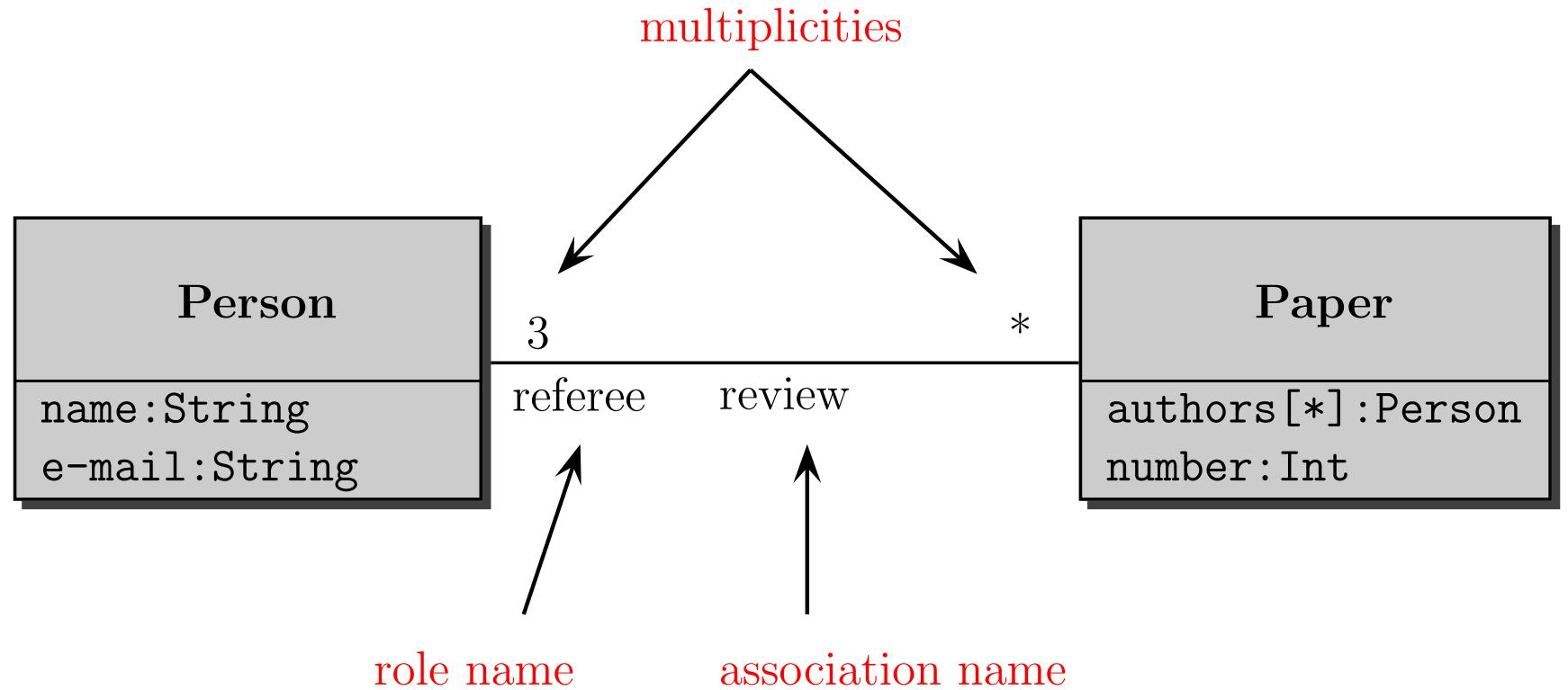
UML Object Diagrams

Bernhard Beckert

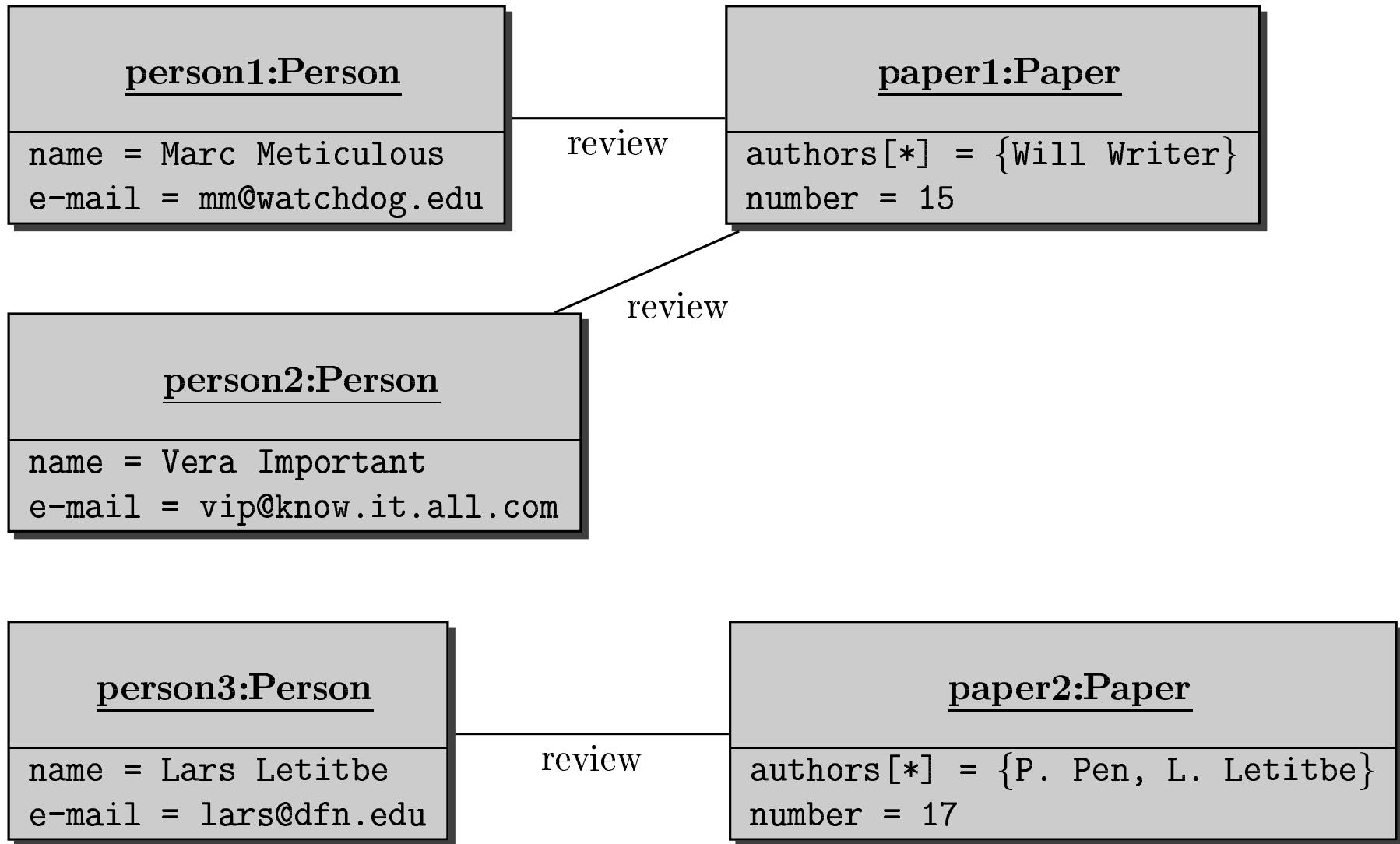


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A Class Diagram



An Object Diagram



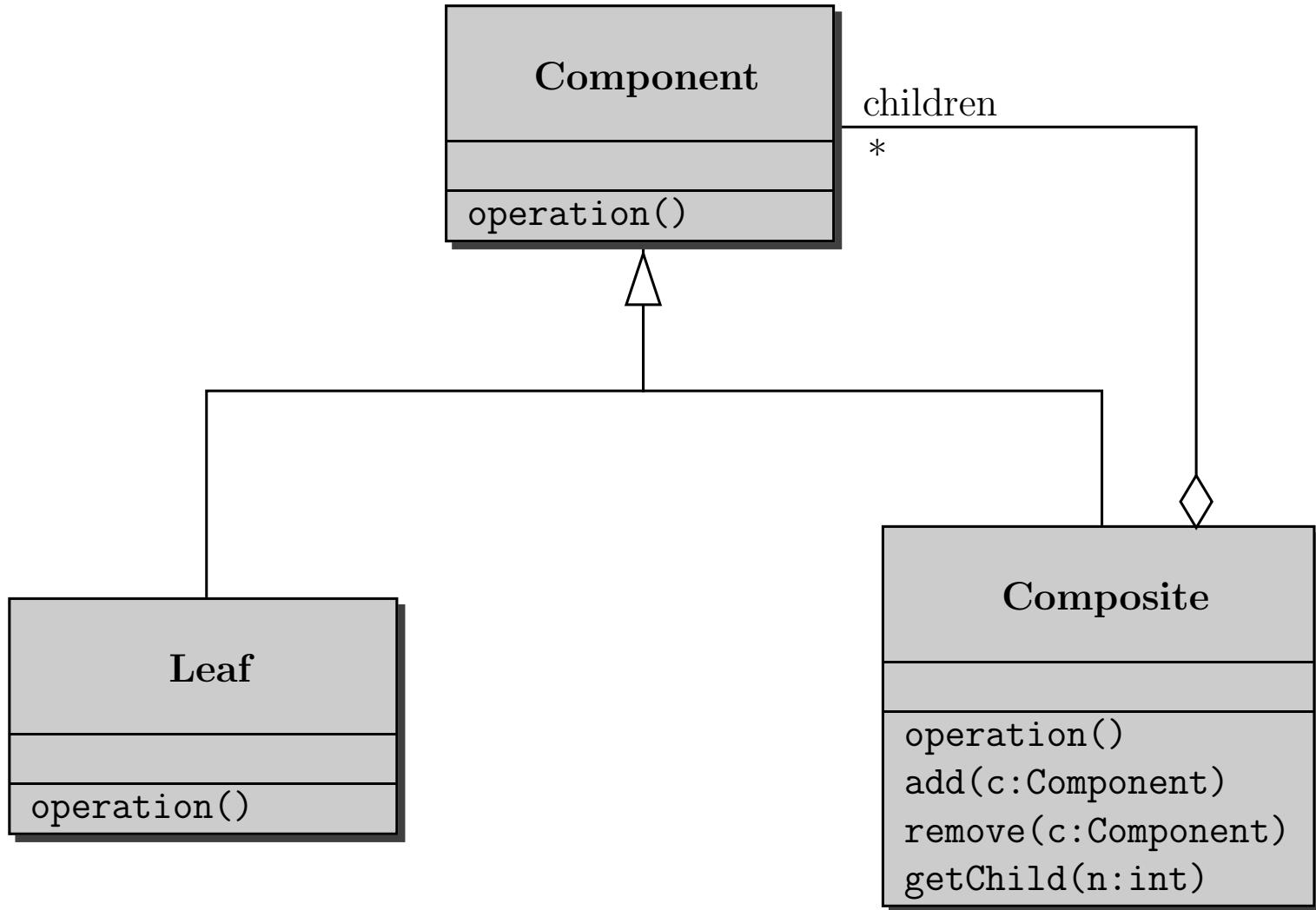
Conformance

Definition

An object diagram D_{obj} **conforms** to a class diagram C if

- The values of attributes in D_{obj} are of the type specified in C
- D_{obj} observes the multiplicity constraints of C
- The associations occurring in D_{obj} are declared in C

The Composite Pattern Revisited



Object Diagrams Representing Lists

