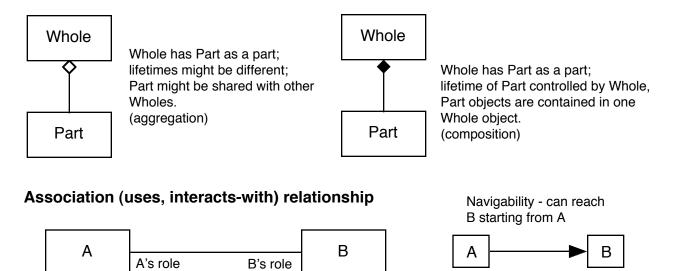
Basic UML Class Diagram Notation

Class Abstract class Inheritance (is-a) relationship Name Name Name Base attributes {Abstract} virtual method() (member variables) method() Derived2 is-a Base methods (member functions) Object + public_method() # protected_method() classname: objectname - private_method() Derived1 Derived2

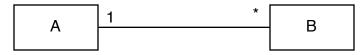
Aggregation and Composition (has-a) relationship



Multiplicity in Aggregation, Composition, or Association

* - any number 0..1 - zero or one Follow line from start class to end class,

1 - exactly 1 1..* - 1 or more note the multiplicity at the end.



Each A is associated with any number of B's. Each B is associated with exactly one A.