UML

- Association
- Inheritance
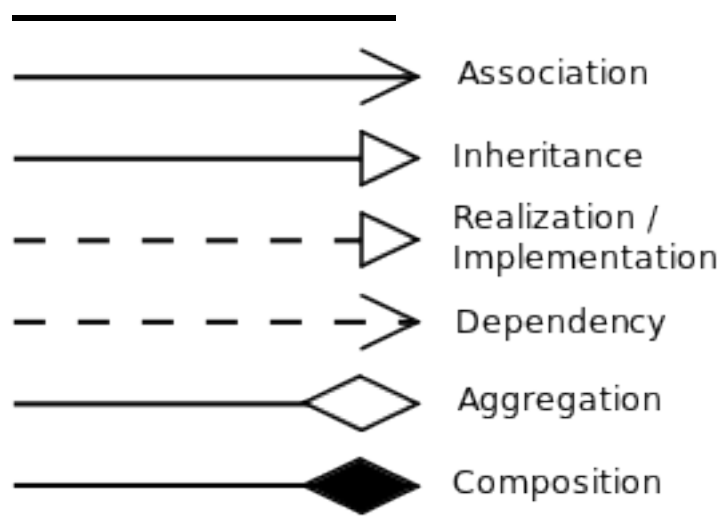- Realization / Implementation
- Dependency
- Aggregation
- Composition

Class level relationships

Inheritance: The tail inherits from the arrow head

Realization / Implementation: The tail implements an interface in the arrow head

Instance level relationships

Dependency (uses)
Dependency is a weaker form of bond that indicates that one class depends on another because it uses it at some point in time

Association. A line.
Defines a relationship between classes of objects that allows one object instance to cause another to perform an action on its behalf
Unless otherwise specified, navigation across an association is bidirectional, although it may be limited to just one direction by adorning some end with an arrowhead pointing to the direction of traversal.

Aggregation: The empty romboidal side contains the other side
The contained classes do not have a strong lifecycle dependency on the container.

Composition: The full romboidal side contains the other side
The contained classes have a strong lifecycle dependency on the container.