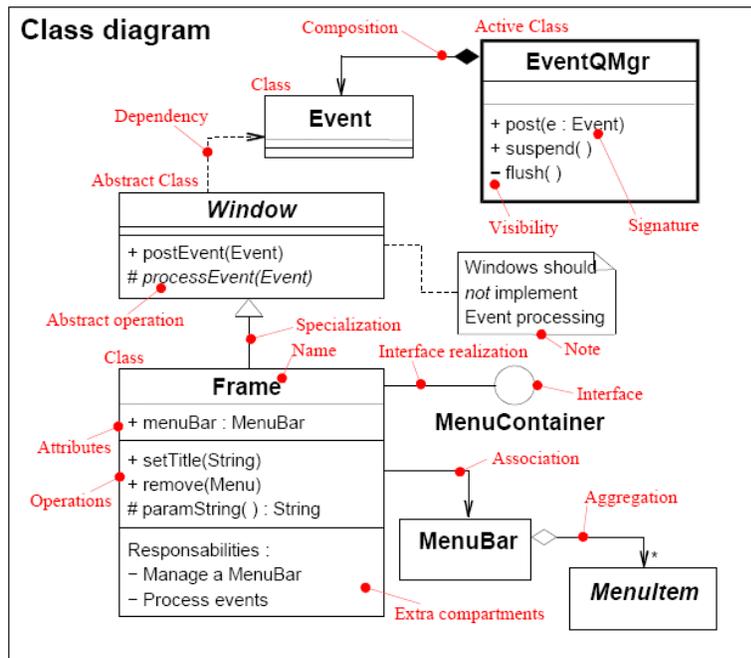


UML Class Diagram: depicts the classes within a model



A class icon is a rectangle divided into 3 compartments: name, attributes, and operations.

Attributes and operations have visibility types:

- + for public
- - for private
- # for protected
- ~ for package

The «type» stereotype indicates that the class is an interface. This means that it has no member variables, and that all of its member functions are public abstract. Shortcut for «type» classes: “lollipop” notation.

Static: underline.

Abstract classes and methods are written in *italics*.

Packages are tabs.

Class Relationship	Description	UML Connector
Association	Relationship between classes	—————
Aggregation	has-a relationship (aggregated class can be shared by several aggregating classes)	◊—————
Composition	has-a relationship (object owned exclusively by aggregating object)	◼—————
Dependency (interface)	uses-a relationship (client uses supplier)	client - - - - - supplier >
Inheritance (specialization)	is-a relationship (subclass is type of superclass)	subclass ———> superclass >