

# Class-Object arrow diagrams

## Explanation of Class and Object Diagrams in this documentation:

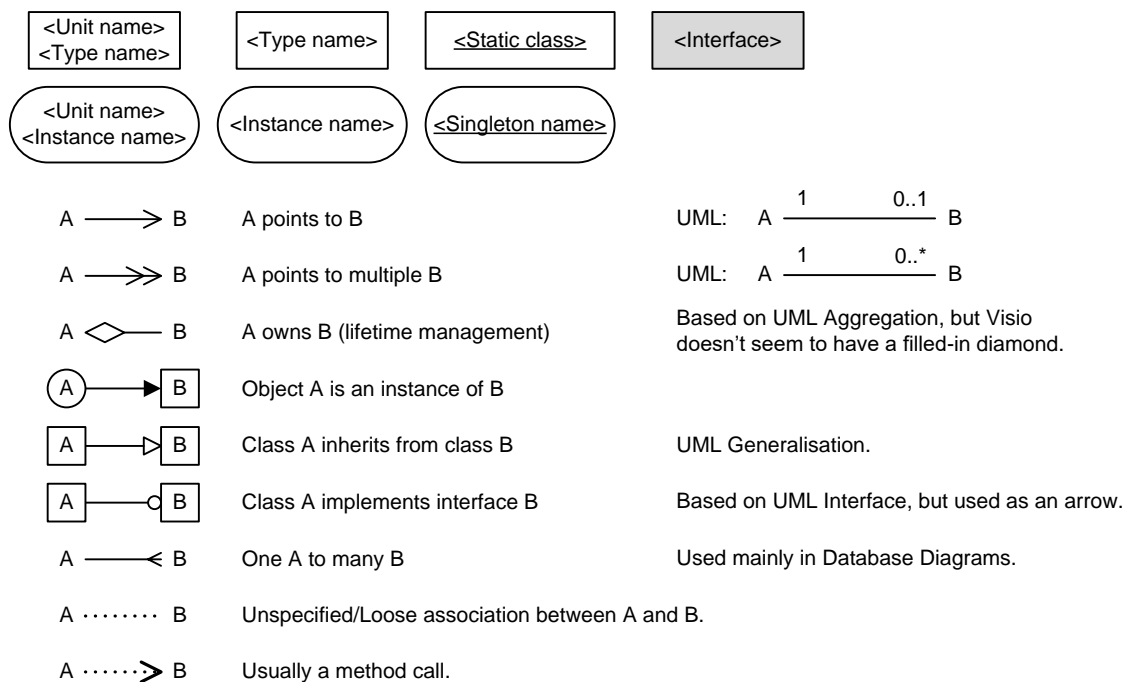
This is a system I have used for many years and is, in my view, more legible than straight UML, and the point of diagrams is communication.

It's a combination of the old Pascal diagramming that I was taught at university and UML.

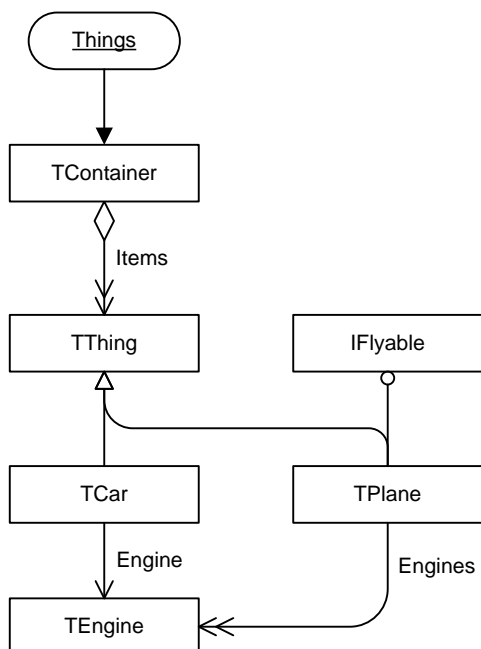
Note that I usually mix Class Diagrams and Object Diagrams, because when showing one without the other, one tends to lose valuable context.

I use other types of UML diagrams without modification.

## Definitions:



## Examples:



Global variable Things is an instance of TContainer.  
(This probably means that TContainer is a singleton.)

TContainer manages the lifetimes of multiple instances of the TThing class accessible using the property Items[].

TCar and TPlane descend from TThing.  
TPlane implements IFlyable.

Each instance of TCar has a single reference to a TEngine object accessible using the property Engine.

Each instance of TPlane has 0-\* references to TEngine objects accessible using the property Engines[].