



Module 1 Day 12

Polymorphism

Polymorphism

- “Many forms”
- Subclasses can override methods defined on the superclass
 - “Implementation” defined in each subclass
- The appropriate method gets invoked based on the Type of the target object
- Inheritance naturally lends itself to polymorphism

Interfaces

- Defines a contract between a class and its user
- Defines the public properties and methods, but NEVER the implementation
- Classes which inherit the interface MUST provide the implementation
 - For ALL its methods
- All members of an interface are public
- A class can
 - derive from ONE class
 - Implement MANY interfaces
- Polymorphism works with Interfaces!