Dependency Injection :

### W3sDesign_Dependency_Injection_Design_Pattern_UML.jpg (700×240)Types of dependency injection

There are at least three ways a client object can receive a reference to an external module:[[33]](https://en.wikipedia.org/wiki/Dependency_injection" \l "cite_note-33)

*constructor injection*

The dependencies are provided through a client's class constructor.

*setter injection*

The client exposes a setter method that the injector uses to inject the dependency.

*interface injection*

The dependency's interface provides an injector method that will inject the dependency into any client passed to it. Clients must implement an interface that exposes a [setter method](https://en.wikipedia.org/wiki/Setter_method) that accepts the dependency.