

Depln-O: Catalog of Concepts

Term	Definition
Dependency	An OOC-O Class that is associated with an Injection Point through a Dependency Injection.
Consumer	An OOC-O Class that possesses at least one Injection Point as a component.
Injection Point	An OOC-O Instance Method or an OOC-O Instance Variable that is associated with a Dependency through a Dependency Injection.
Dependency Injection	The injection of a Dependency through an Injection Point in a Consumer.
Method Injection Point	A non-Constructor OOC-O Instance Method that is an Injection Point.
Constructor Injection Point	An OOC-O Constructor Method that is an Injection Point.
Property Injection Point	An OOC-O Instance Variable that is an Injection Point.
Abstract Dependency	An OOC-O Abstract Class that is a Dependency.
Concrete Dependency	An OOC-O Concrete Class that is a Dependency.
Dependency Implementation	A Concrete Dependency that is an implementation of an Abstract Dependency
Primary Dependency	The Dependency Implementation invoked to resolve the Abstract Dependency by default.
Qualified Dependency	A Dependency Implementation invoked to satisfy the Dependency when called with a specific parameter or under a specific configuration.
Dependency Specification	The element of a Dependency Injection that defines what Dependency Implementation will be invoked to resolve the Abstract Dependency (The lack of a Dependency Specification means invoking the Primary Dependency)
Qualifier Key	The parameter or configuration that establishes the link between a Dependency Specification and a Qualified Dependency.
Decorator	A class that is both a Dependency Implementation and a Consumer of the same Abstract Dependency (its Injection Point invokes a different implementation of the Dependency)
Singleton Dependency	A Concrete Dependency with a scope that determines that only one instance of it will be created for the application.

Dependent Dependency	A Concrete Dependency with a scope that determines a new instance of it will be created for each consumer.
Web Scoped Dependency	A Concrete Dependency with a scope that is defined in the context of a Web application.
Request Scoped Dependency	A Concrete Dependency with a scope that determines that a new instance of the Concrete Dependency will be created for every new HTTP request.
Session Scoped Dependency	A Concrete Dependency with a scope that determines that a new instance of it will be created for every new HTTP session, but the same instance will be maintained throughout the session.
Application Scoped Dependency	A Concrete Dependency with a scope that determines that only one instance of it will exist for the entirety of the Web application.

