



- [Home](#)
  - [Download the Latest Release](#)
  - [StructureMap Google Group](#)
  - [Browse Source Code](#)
  - [StructureMap on SourceForge](#)
  - [StructureMap on DimeCasts](#)
  - [StructureMap CI Server on TeamCity.Codebetter.com](#)
  - [Full Table of Contents](#)
  - [Feature List](#)
  - [API Documentation](#)
- 
- [A Gentle Quickstart](#)
  - [Glossary](#)
  - [Software Design Concepts](#)
    - [Dependency Injection](#)
    - [Inversion of Control](#)
  - [Configuring StructureMap](#)
    - [Registry DSL](#)
      - [Configuring Instances](#)
    - [Xml Configuration](#)
      - [Xml Reference](#)
      - [Node Normalized Instances](#)
      - [Attribute Normalized Instances](#)
    - [Auto Registration and Type Scanning](#)
    - [Scoping, Caching, and Lifecycle Management](#)
    - [Using Attributes](#)
    - [Profiles](#)
    - [Interception](#)
    - [Changing Configuration at Runtime](#)
  - [Retrieving Services](#)
  - [Using the StructureMap AutoMocker](#)
  - [Diagnostics and Environment Tests](#)
    - [Error Codes](#)
  - [How does StructureMap Work?](#)
    - [Constructor and Setter Injection](#)
    - [AutoWiring](#)
    - [StructureMap and Generics](#)
    - [Runtime Architecture](#)
    - [Using the Session Context](#)
    - [Extending StructureMap](#)
    - [Using the Container Outside of ObjectFactory](#)
  - [Examples \(Forthcoming\)](#)
    - [Bootstrapping NHibernate](#)
    - [Modular Configuration](#)
    - [Aspect Oriented Programming](#)
    - [A Logging Facility](#)
    - [Pluggable Rules Engine](#)
    - [Pluggable Validation](#)
    - [Composite View](#)
    - [Optional Deployment Configurations](#)
    - [Using StructureMap to Configure Prism](#)
    - [Using StructureMap with the ASP.Net MVC Framework](#)
    - [Using StructureMap with MassTransit](#)

# StructureMap

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## StructureMap Home Page

- [Status](#)
- [Related Links:](#)

StructureMap is a [Dependency Injection](#) / [Inversion of Control](#) tool for .Net that can be used to improve the architectural qualities of an object oriented system by reducing the mechanical costs of good design techniques. StructureMap can enable looser coupling between classes and their dependencies, improve the testability of a class structure, and provide generic flexibility mechanisms. Used judiciously, StructureMap can greatly enhance the opportunities for code reuse by minimizing direct coupling between classes and configuration mechanisms.

StructureMap is released under the permissive Apache 2 OSS license. You are free to download, modify, or redistribute StructureMap in any way you see fit **without restriction**.

Consider using StructureMap if you:

- Require significant extensibility
- Simply want a generic configuration tool
- Want to support multiple deployment configurations
- Are using a Test-Driven Development philosophy or want to largely automate testing
- Want to isolate a troublesome subsystem or provide smooth

- Using StructureMap with WCF
- Creating Custom Specification Contexts with the AutoMocker

- Need a great deal of configurable properties or plugin hot spots

Do not use StructureMap if an application or process requires little flexibility. The abstraction and indirection afforded by StructureMap is unnecessary and even harmful in simpler systems or processes.

The easiest way to get started is with the [StructureMap QuickStart](#). Please send any questions or suggestions to the [StructureMap User Group](#) on Google Groups.

## Status

StructureMap is the oldest IoC/DI tool for .Net development and has been used in multiple production systems since June 2004. The current version 2.5.2 was released in January 2009, with a 2.6 release scheduled for no later than the end of January 2009. StructureMap is primarily maintained and developed by [Jeremy D. Miller](#), [The Shade Tree Developer](#) and [Joshua Flanagan](#) with other contributions from the community.

[Back to top...](#)

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