

Dependency injection in controllers with Spring.NET and ASP.Net MVC

By [Alexis Seigneurin](#) on December 1, 2009 9:15 AM | [No Comments](#)

Support for ASP.Net MVC controllers in [Spring.NET](#) is planned in version 2.0. In the mean time, to enable dependency injection in controllers, you can use the [MVC Contrib project](#). Here is how to configure it.

ASP.Net allows to define a controller factory and MVC Contrib defines one named `SpringControllerFactory`. In your `Global.asax.cs` file, you need to tell ASP.Net to use this factory after having configured it:

```
protected void Application_Start()
{
    IApplicationContext ctx = ContextRegistry.GetContext();
    SpringControllerFactory.Configure(ctx);

    ControllerBuilder.Current.SetControllerFactory(typeof(SpringControllerFactory));

    // ...
}
```

Then, all you have to do is declare controllers in your application context. Make sure you follow these rules:

- The object name must match the controller name suffixed with "Controller". For instance, for the "Home" controller, you must define an object named "HomeController".
- **Define your controller as a prototype** (the opposite of a singleton) if your controller stores a state in its members (which is the case when you inherit from the default `System.Web.Mvc.Controller` class).

Here is a sample bean declaration of a controller:

```
<?xml version="1.0" encoding="utf-8" ?>
<objects xmlns="http://www.springframework.net">
  <object id="HomeController" type="Some.Test.HomeController"
    singleton="false"/>
</objects>
```

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[System Administration \(1\)](#)
[Technical notes \(36\)](#)

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[December 2009 \(3\)](#)
[November 2009 \(3\)](#)
[October 2009 \(1\)](#)
[September 2009 \(7\)](#)
[August 2009 \(3\)](#)
[July 2009 \(3\)](#)
[June 2009 \(4\)](#)
[May 2009 \(3\)](#)
[April 2009 \(6\)](#)
[March 2009 \(7\)](#)
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