# C# Extension Methods

**Module 1 Setup Instructions**

In Module 1 we start with an empty solution, and demonstrate writing and using extension methods with types, interfaces and collections.

## Pre-requisites

The demo solution is delivered in Visual Studio 2013.

The solution uses NuGet package restore to load packages during the build.

To enable this in Visual Studio, open *Tools…Library Package Manager…Package Manager Settings* and ensure both options (*Allow NuGet to download missing packages* and *Automatically check for missing packages during build in Visual Studio*) are ticked.

## Running the Solution

The demos use a class library for writing the extension methods, and a Unit Test library for using the methods. Rebuild the solution and run all tests, and if everything is set up correctly the tests will all pass.