



AutoDeconstruct by Jason Bock

AutoDeconstruct 945 updated february  Stars 32

Details

Info

! INFO

Name: **AutoDeconstruct**

Author: Jason Bock

NuGet: <https://www.nuget.org/packages/AutoDeconstruct>

You can find more details at <https://github.com/JasonBock/AutoDeconstruct/blob/main/docs/Overview.md>

Source : <https://github.com/jasonbock/autodeconstruct>

About

i NOTE

Automatically add deconstruct for all types in an assembly

How to use

Example (source csproj, source files)

CSharp Project Program.cs Person.cs

This is the CSharp Project that references **AutoDeconstruct**

```
<Project Sdk="Microsoft.NET.Sdk">

  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <TargetFramework>net6.0</TargetFramework>
    <ImplicitUsings>enable</ImplicitUsings>
    <Nullable>enable</Nullable>
  </PropertyGroup>

  <ItemGroup>
    <PackageReference Include="AutoDeconstruct" Version="1.0.0" />
  </ItemGroup>

  <PropertyGroup>
    <EmitCompilerGeneratedFiles>true</EmitCompilerGeneratedFiles>

    <CompilerGeneratedFilesOutputPath>$(BaseIntermediateOutputPath)\GeneratedX</CompilerGeneratedFilesOutputPath>
  </PropertyGroup>
</Project>
```

This is the use of **AutoDeconstruct** in *Program.cs*

```
// See https://aka.ms/new-console-template for more information
```

This is the use of **AutoDeconstruct** in *Person.cs*

```
// See https://aka.ms/new-console-template for more information
using AutoDeconstruct;

public class Person
{
    public string? FirstName { get; set; }
    public string? LastName { get; set; }
    public string? Title { get; set; }
}

[NoAutoDeconstruct]
public class TestPerson
{
    public string? FirstName { get; set; }
    public string? LastName { get; set; }
    public string? Title { get; set; }
}

}
```

Generated Files

Those are taken from \$(BaseIntermediateOutputPath)\GeneratedX

AutoDeconstruct.g.cs

```
#nullable enable

public static partial class PersonExtensions
{
    public static void Deconstruct(this global::Person @self, out
```

Usefull

Download Example



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https://ignatandrei.github.io/RSCG_Examples/v2/docs/AutoDeconstruct