



SkinnyControllersCommon by Ignat Andrei

SkinnyControllersCommon 12k updated yesterday  Stars 0

Details

Info

! INFO

Name: **SkinnyControllersCommon**

Author: Ignat Andrei

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

You can find more details at <https://github.com/ignatandrei/SkinnyControllersGenerator/>

Source : <https://github.com/ignatandrei/SkinnyControllersGenerator/>

About

i NOTE

Automatically add controllers actions for any class injected in constructor

How to use

Example (source csproj, source files)

CSharp Project

Program.cs

WeatherForecastController.cs

WeatherActions.cs

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

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

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

  <ItemGroup>
    <PackageReference Include="SkinnyControllersCommon" Version="2023.5.14.2055" />
    <PackageReference Include="Swashbuckle.AspNetCore" Version="6.2.3" />
  </ItemGroup>

  <PropertyGroup>
    <EmitCompilerGeneratedFiles>true</EmitCompilerGeneratedFiles>

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

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

```

using SkinnyControllersDemo.Controllers;

var builder = WebApplication.CreateBuilder(args);

// Add services to the container.

builder.Services.AddControllers();
// Learn more about configuring Swagger/OpenAPI at https://aka.ms/
// aspnetcore/swashbuckle
builder.Services.AddEndpointsApiExplorer();
builder.Services.AddSwaggerGen();
builder.Services.AddTransient<WeatherActions>();
var app = builder.Build();

// Configure the HTTP request pipeline.
if (app.Environment.IsDevelopment())
{
    app.UseSwagger();
    app.UseSwaggerUI();
}

app.UseHttpsRedirection();

app.UseAuthorization();

app.MapControllers();

app.Run();

```

This is the use of **SkinnyControllersCommon** in *WeatherForecastController.cs*

```

using Microsoft.AspNetCore.Mvc;
using SkinnyControllersCommon;

```

This is the use of **SkinnyControllersCommon** in *WeatherActions.cs*

```
namespace SkinnyControllersDemo.Controllers
{
    public class WeatherActions
    {
        private static readonly string[] Summaries = new[]
        {
            "Freezing", "Bracing", "Chilly", "Cool", "Mild", "Warm",
            "Balmy", "Hot", "Sweltering", "Scorching"
        };

        public IEnumerable<WeatherForecast> Get()
        {
            return Enumerable.Range(1, 5).Select(index => new
WeatherForecast
            {
                Date = DateTime.Now.AddDays(index),
                TemperatureC = Random.Shared.Next(-20, 55),
                Summary =
Summaries[Random.Shared.Next(Summaries.Length)]
            })
            .ToArray();
        }

        public async Task<int> MultiplyBy2(int nr)
        {
            await Task.Delay(nr);
            return nr*2;
        }
    }
}
```

Generated Files

Those are taken from \$(BaseIntermediateOutputPath)\GeneratedX

WeatherForecastController.autogenerate.cs

```
//-----  
// <auto-generated>  
//     This code was generated by a tool.  
//  
//     SkinnyControllersGenerator:  
//  
//     Changes to this file may cause incorrect behavior and will be lost if  
//     the code is regenerated.  
// </auto-generated>  
//-----  
  
using System.CodeDom.Compiler;  
using System.Runtime.CompilerServices;  
using Microsoft.AspNetCore.Mvc;  
using Microsoft.Extensions.Logging;  
  
namespace SkinnyControllersDemo.Controllers {  
    [GeneratedCode("SkinnyControllersGenerator", "")]  
    [CompilerGenerated]  
    partial class WeatherForecastController{  
        /*[HttpGet()]  
        public int id(){  
            System.Diagnostics.Debugger.Break();  
            return 1;  
        } */  
  
        [HttpGet]  
        public  
System.Collections.Generic.IEnumerable<SkinnyControllersDemo.WeatherForecast>  
Get (){  
            //System.Diagnostics.Debugger.Break();  
}
```

Usefull

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

