

RSCG nr 10 : RSCG_AMS

Info

Nuget : https://www.nuget.org/packages/RSCG_AMS/

You can find more details at : https://github.com/ignatandrei/RSCG_AMS

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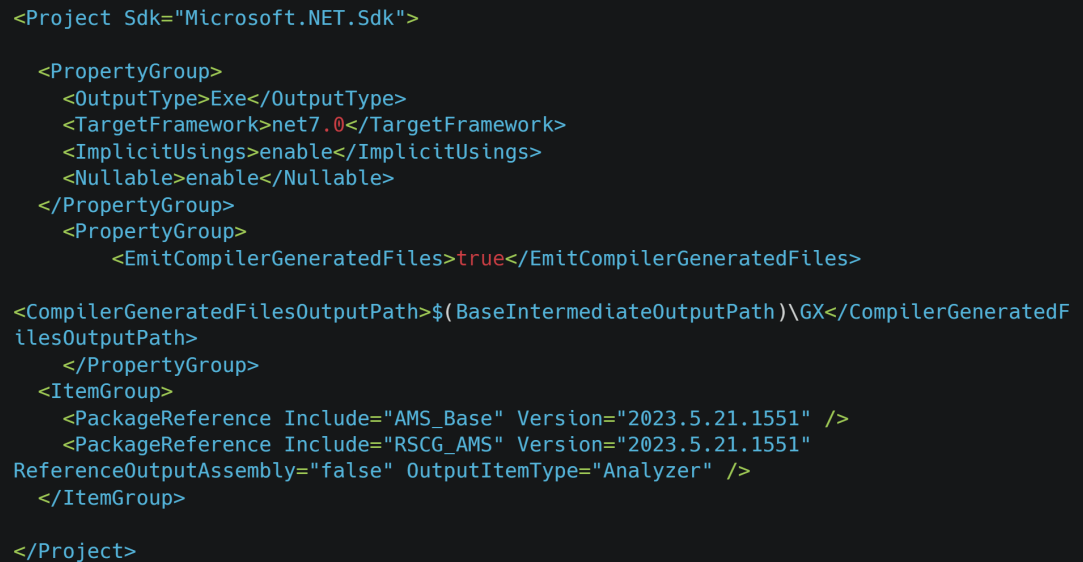
Source : https://github.com/ignatandrei/RSCG_AMS

About

Automatically registering the version, ci, commit id

How to use

Add reference to the RSCG_AMS in the csproj



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

  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <TargetFramework>net7.0</TargetFramework>
    <ImplicitUsings>enable</ImplicitUsings>
    <Nullable>enable</Nullable>
  </PropertyGroup>
  <PropertyGroup>
    <EmitCompilerGeneratedFiles>true</EmitCompilerGeneratedFiles>
  </PropertyGroup>
  <CompilerGeneratedFilesOutputPath>$(BaseIntermediateOutputPath)\GX</CompilerGeneratedFilesOutputPath>
</PropertyGroup>
  <ItemGroup>
    <PackageReference Include="AMS_Base" Version="2023.5.21.1551" />
    <PackageReference Include="RSCG_AMS" Version="2023.5.21.1551"
      ReferenceOutputAssembly="false" OutputItemType="Analyzer" />
  </ItemGroup>
</Project>
```

This was for me the starting code

I have **coded** the file Program.cs

```

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

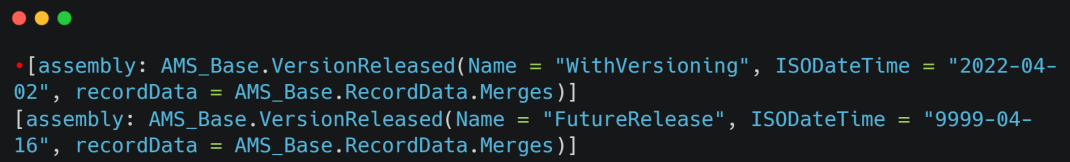
Console.WriteLine("Hello, World!");

var amsAll = AboutMySoftware.AllDefinitions;
Console.WriteLine("Number definitions:" + amsAll?.Length);
foreach (var amsKV in amsAll)
{
    var ams = amsKV.Value;

    Console.WriteLine($"{amsKV.Key}.{nameof(ams.AssemblyName)} : {ams.AssemblyName}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.DateGenerated)} : {ams.DateGenerated}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.CommitId)} : {ams.CommitId}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.RepoUrl)} : {ams.RepoUrl}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.CISourceControl)} : {ams.CISourceControl}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.Authors)} : {ams.Authors}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.Version)} : {ams.Version}");
    Console.WriteLine($"{amsKV.Key}.{nameof(ams.User)} : {ams.User}");
    Console.WriteLine("versions" + ams.Versions?.Length);
    if (ams.Versions != null)
        foreach (var item in ams.Versions)
        {
            Console.WriteLine("release:" + item.Name);
            foreach (var merge in item.releaseDatas)
            {
                Console.WriteLine("=>merge:" + merge.Subject);
            }
        }
}

```

I have **coded** the file globals.cs

A terminal window with a dark background and three colored window control buttons (red, yellow, green) in the top-left corner. It contains two lines of C# code. The first line is a list item with a red bullet point. The second line is a separate line of code.

```
•[assembly: AMS_Base.VersionReleased(Name = "WithVersioning", ISODateTime = "2022-04-02", recordData = AMS_Base.RecordData.Merges)]  
[assembly: AMS_Base.VersionReleased(Name = "FutureRelease", ISODateTime = "9999-04-16", recordData = AMS_Base.RecordData.Merges)]
```

And here are the *generated* files

The file *generated* is RSCG_AMSDemo.cs

You can download the code and this page as pdf from https://ignatandrei.github.io/RSCG_Examples/v2/docs/RSCG_AMS

You can see the whole list at https://ignatandrei.github.io/RSCG_Examples/v2/docs/List-of-RSCG