



QuickConstructor by Flavien Charlon

QuickConstructor 2.8k updated june 2022  Stars 19

Details

Info

! INFO

Name: **QuickConstructor**

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

You can find more details at <https://github.com/flavien/QuickConstructor>

Source : <https://github.com/flavien/QuickConstructor>

About

i NOTE

Fast add constructors that are read only FIELDS

Has multiple other features

How to use

Example (source csproj, source files)

CSharp Project Program.cs Person.cs

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

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

  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <TargetFramework>net7.0</TargetFramework>
    <ImplicitUsings>enable</ImplicitUsings>
    <Nullable>enable</Nullable>
  </PropertyGroup>

  <ItemGroup>
    <PackageReference Include="QuickConstructor" Version="1.0.5" />
  </ItemGroup>

  <PropertyGroup>
    <EmitCompilerGeneratedFiles>true</EmitCompilerGeneratedFiles>

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

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

```
using QuickConstructorDemo;

var p = new Person("Andrei", "Ignat");
```

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

```
using QuickConstructor.Attributes;

namespace QuickConstructorDemo;

[QuickConstructor]
internal partial class Person
{
    private readonly string FirstName;
    private readonly string? LastName;

}
```

Generated Files

Those are taken from \$(BaseIntermediateOutputPath)\GeneratedX

Person.cs

```
/// <auto-generated>
/// This code was generated by the QuickConstructor source generator.
/// </auto-generated>

#nullable enable
```

Usefull

Download Example



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