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Is it a church?

Is it my compiler running in the cloud?

Well it is neither of these

Don’t try using the cloud as a platform to compile crappy code

1. What is Roslyn?

The definition of Roslyn is “the .NET Compiler Platform which provides open-source C# and Visual Basic compilers with rich code analysis API’s”

C# and Visual Basic we built on old technology and just like any code base that has been around for a long time, was getting harder to maintain and add new features.

So Microsoft created Roslyn as a way to quickly add new language features and share them across C# and Visual Basic

So following their open source initiatives, they figured why not open source it and make it available to everyone.

1. What does it mean to us?

We can create our own language features, however “with great power comes great responsibility”. I don’t recommend you doing this unless you are intending to submit a pull request into C#.

1. Gfd

# Links

* <https://www.google.com/search?q=getting+started+with+roslyn&oq=getting+started+with+roslyn&aqs=chrome..69i57.6752j1j7&sourceid=chrome&es_sm=93&ie=UTF-8>
* <https://github.com/pottereric/FindCaseStatementWithoutDefault/blob/master/FindCaseStatementWithoutDefault/FindCaseStatementWithoutDefault.Test/UnitTests.cs>
* <https://github.com/pottereric/DaveGrohlAnalyzer>
* <https://github.com/pottereric/roslyn>
* <https://github.com/pottereric/RoslynDOM>
* <https://github.com/pottereric/RoslynTreeViewer>
* <http://www.filipekberg.se/2014/10/31/microsoft-compiler-platform-aka-roslyn/>
* <http://www.codeproject.com/Articles/861548/Roslyn-Code-Analysis-in-Easy-Samples-Part>
* <http://source.roslyn.io/#Microsoft.CodeAnalysis.CSharp/Syntax/CSharpSyntaxTree.cs,62cc1207629e867a>
* <http://www.nudoq.org/#!/Packages/Roslyn.Compilers.Common/Roslyn.Compilers/MetadataFileReference>
* <http://www.filipekberg.se/2014/10/31/microsoft-compiler-platform-aka-roslyn/>
* <http://www.strathweb.com/2014/10/building-refactoring-tools-code-fixes-roslyn/>
* <http://source.roslyn.codeplex.com/#Microsoft.CodeAnalysis/MetadataReference/MetadataFileReferenceProvider.cs,4a395221dc80b0af>
* <https://roslyn.codeplex.com/>
* <https://github.com/dotnet/roslyn>
* <https://roslyn.codeplex.com/wikipage?title=Overview&referringTitle=Home>
* <https://roslyn.codeplex.com/wikipage?title=Samples%20and%20Walkthroughs&referringTitle=Home>
* <https://roslyn.codeplex.com/wikipage?title=Syntax%20Visualizer&referringTitle=Home>
* <https://roslyn.codeplex.com/wikipage?title=Roadmap&referringTitle=Home>
* <https://roslyn.codeplex.com/wikipage?title=Language%20Feature%20Status&referringTitle=Home>
* <https://roslyn.codeplex.com/documentation?referringTitle=Home&ANCHOR#langdesignlinks>