

Roslyn

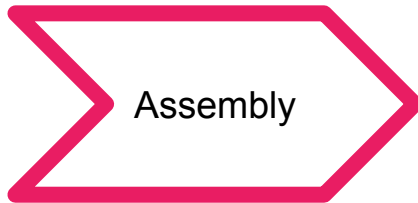
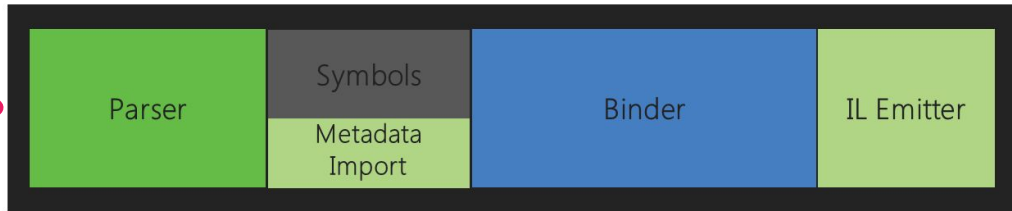
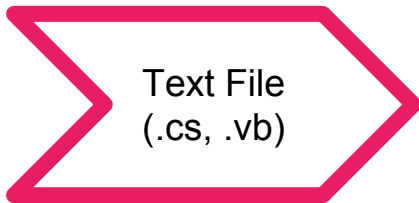
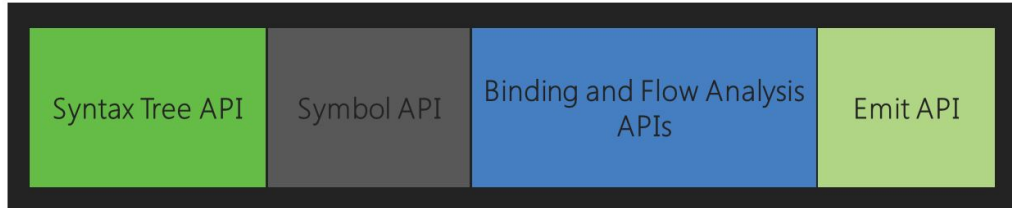
Bangkok .NET Meetup
2016-02-16

Before Roslyn

— — —

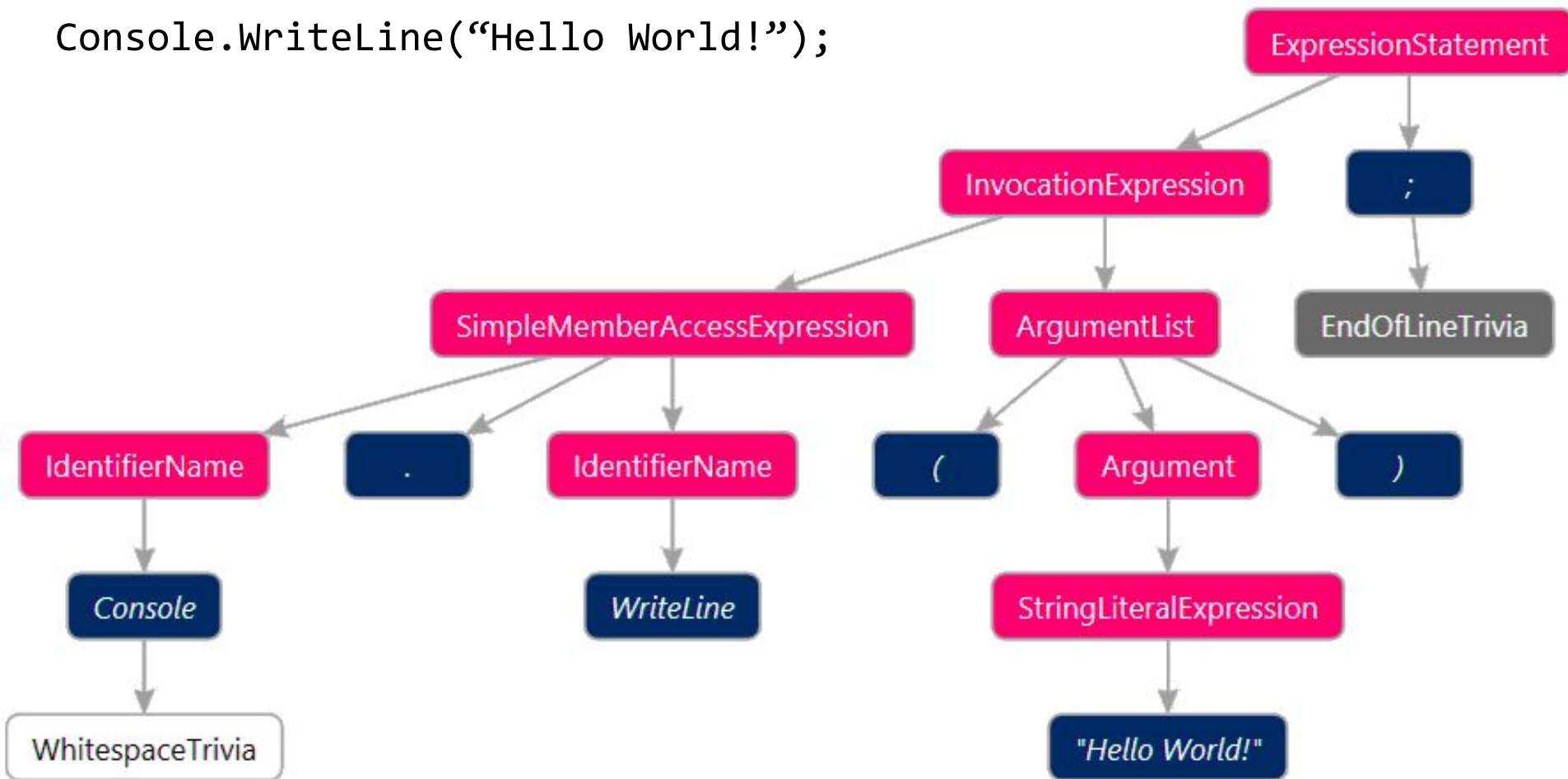


With Roslyn



Syntax Tree for

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



Demo

New Project

Window Snip

Recent

.NET Framework 4.6

Sort by: Default



Search Installed Templates (Ctrl+E)



Installed

Templates

Visual C#

Windows

Web

Android

Cloud

Extensibility

iOS

Orleans

Silverlight

Test

WCF

Workflow

Other Languages

Other Project Types

Samples

Online



Install Visual Studio Extensibility Tools

Visual C#

Type: Visual C#

Install development tools and templates to extend Visual Studio 2015.

[Click here to go online and find templates.](#)

Name:

<Enter_name>

Location:

c:\users\wafuqua\documents\visual studio 2015\Projects

Browse...

Solution name:

<Enter_name>

☒ Create directory for solution☒ Create new Git repository

OK

Cancel

New Project



Recent

.NET Framework 4.6

Sort by: Default



Search Installed Templates (Ctrl+E)



Installed

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Visual C#

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Extensibility

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C# Item Template

Visual C#



C# Project Template

Visual C#



Download the .NET Compiler Platform SDK

Visual C#



VSIX Project

Visual C#

Type: Visual C#

To begin creating Analyzers and Codefixes you must download the .NET Compiler Platform SDK

[Click here to go online and find templates.](#)

Name:

CSharpCompilerPlatformSDKDownload1

Location:

c:\users\wafuqua\documents\visual studio 2015\Projects

Browse...

Solution name:

CSharpCompilerPlatformSDKDownload1

☒ Create directory for solution☒ Create new Git repository

OK

Cancel

About .NET Compiler Platform

.NET Compiler Platform SDK Templates

Provides three Visual Studio project templates for both C# and Visual Basic that enable the creation of Analyzers, CodeFixes, and stand-alone analysis tools.

[Download .NET Compiler Platform SDK Templates »](#)

Note: The project that contains this page only provides instructions to install the required templates.

Output

Show output from: General
We were unable to automatically populate your Visual Studio Team Services accounts.

The following error was encountered: TF400813: Resource not available for anonymous access. Client authentication required.

Thanks!

Useful Resources:

- <https://joshvarty.wordpress.com/2014/07/06/learn-roslyn-now-part-1-installing-roslyn/>
- <https://github.com/dotnet/roslyn/wiki/>

Image Credits:

- Slide 3 Diagram: <https://github.com/dotnet/roslyn/wiki/Roslyn%20Overview>