

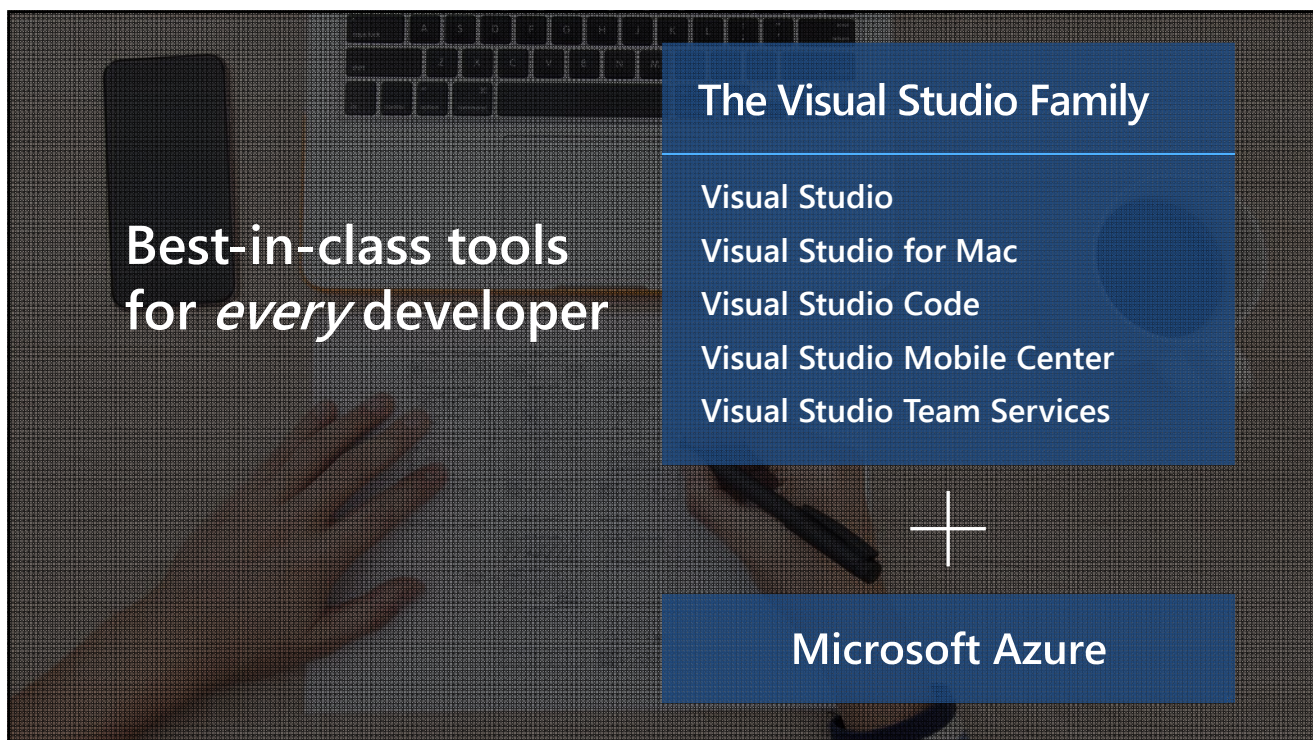


Visual Studio **LIVE!**  
EXPERT SOLUTIONS FOR .NET DEVELOPERS

**ROCK** YOUR CODE TOUR • 2017 | **CHICAGO**

# What's New in Visual Studio 2017

**Robert Green**  
Program Manager, CSE  
Microsoft  
rogreen@microsoft.com  
@rogreen\_ms  
<https://channel9.msdn.com/Shows/Visual-Studio-Toolbox>



Best-in-class tools  
for *every* developer

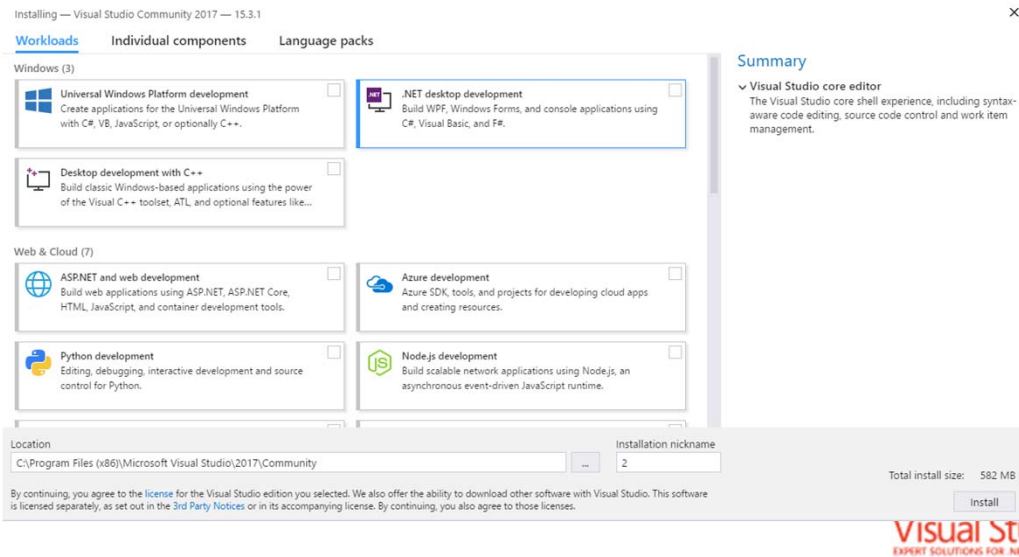
## The Visual Studio Family

- Visual Studio
- Visual Studio for Mac
- Visual Studio Code
- Visual Studio Mobile Center
- Visual Studio Team Services

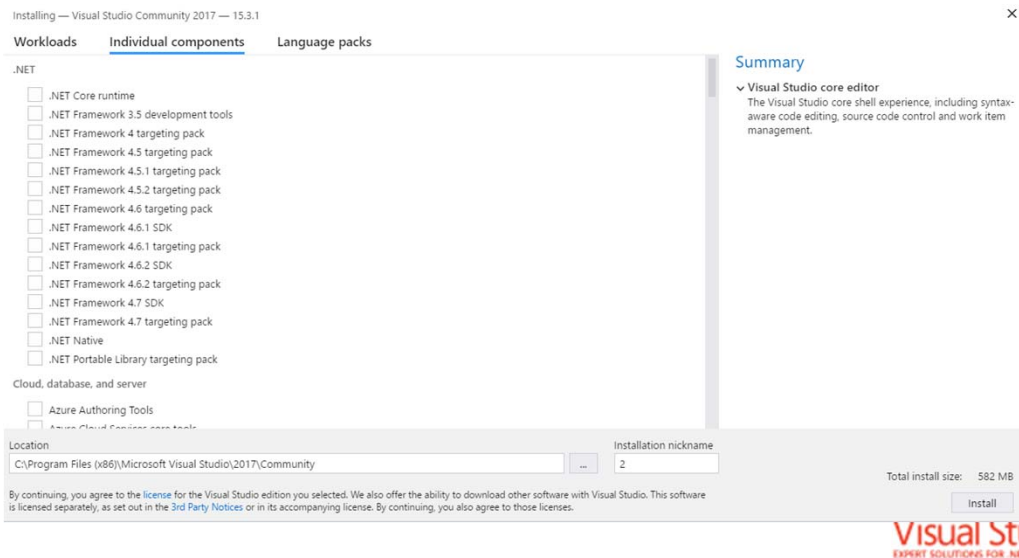
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## Microsoft Azure

# Visual Studio Installer



# Visual Studio Installer




# Visual Studio Installer

## Visual Studio

### Products


#### Installed

 Visual Studio Enterprise 2017  
15.3.1  
Microsoft DevOps solution for productivity and coordination across teams of any size  
[Release notes](#)


## Visual Studio

### Products

#### Installed

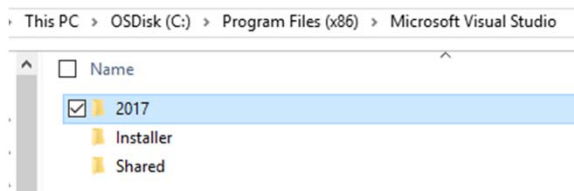
 Visual Studio Enterprise 2017  
15.3.0  
Microsoft DevOps solution for productivity and coordination across teams of any size  
[Release notes](#)

#### Installed

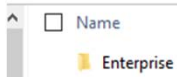
 Visual Studio Enterprise 2017  
Acquiring Microsoft.VisualStudio.TestTools.TeamFoundatio...  
54%  
Applying Microsoft.FSharp.SDK.Core  
0%

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# Side by Side Installation



This PC > OSDisk (C:) > Program Files (x86) > Microsoft Visual Studio > 2017



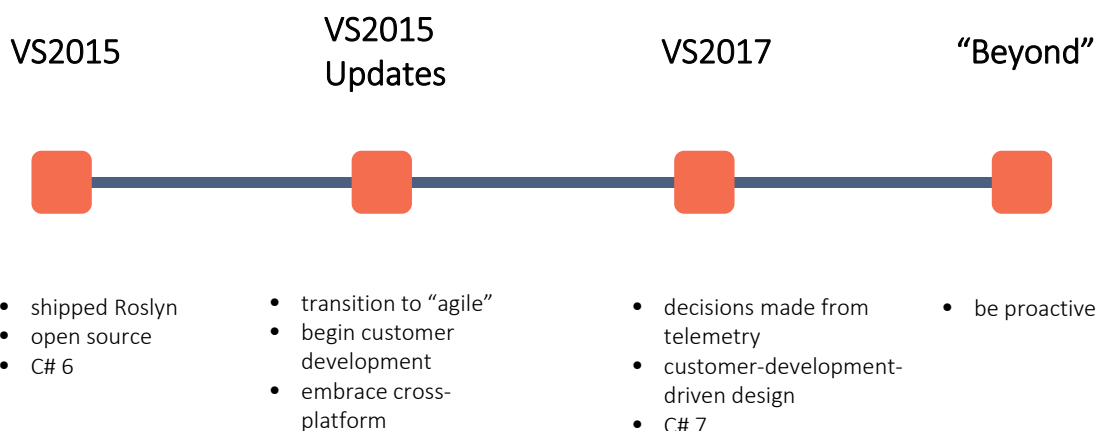
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# Help Developers Write Better Code Faster

- New project features
  - File globbing, new csproj file
- Refactorings and quick fixes
  - Move type to matching file, resolve merge conflicts, adding using for NuGet, C# 7 hints, FXCop live analyzers, etc.
- Navigation improvements
  - Go To All, Find All References, Ctrl+Click for GoToDefinition
- Live unit testing
- Debugging enhancements
  - Run to click, new Exception Helper
- Code style enforcement and configuration
- IntelliSense improvements
  - Filtering, smart variable naming



# Visual Studio Evolution




# Visual Studio Preview

- <https://www.visualstudio.com/vs/preview/>

## Early Access to Visual Studio Preview

Download Visual Studio 2017 Preview version 15.3 to get the latest features not yet in Visual Studio 2017. Be the first to try and give feedback to make Visual Studio even better.

Download Visual Studio 

Check out the Release Notes >

Learn about the new release rhythm >



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# Resources

- File feature requests/bugs
  - <https://github.com/dotnet/roslyn/issues>
- Productivity cheat sheet
  - <https://aka.ms/vs2017productivityguide>
- Productivity overview
  - <https://www.visualstudio.com/vs/net-productivity/>
- Coding convention configuration/enforcement
  - <https://docs.microsoft.com/en-us/visualstudio/ide/editorconfig-code-style-settings-reference>
- Refactorings and code fixes in Visual Studio
  - <https://docs.microsoft.com/en-us/visualstudio/ide/refactoring-code-generation-quick-actions>
- Write your own custom analyzer and code fix
  - <https://github.com/dotnet/roslyn/wiki/Getting-Started-Writing-a-Custom-Analyzer-&Code-Fix>
- What's new in C# 7.0
  - <https://docs.microsoft.com/en-us/dotnet/csharp/whatsnew/csharp-7>
- Visual Studio Toolbox on Channel 9
  - <https://channel9.msdn.com/Shows/Visual-Studio-Toolbox>

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