LEARNING

visual-studio-2017

#visual-studio-2017

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About

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Chapter 1: Getting started with visual-studio-2017

Remarks

This section provides an overview of what visual-studio-2017 is, and why a developer might want to use it.

It should also mention any large subjects within visual-studio-2017, and link out to the related topics. Since the Documentation for visual-studio-2017 is new, you may need to create initial versions of those related topics.

Examples

Installation or Setup

To download and install Visual Studio 2017

- Navigate to **Visual Studio Official Website**

- Here we will have list of Visual Studio software :
  1. Visual Studio Community 2017
  2. Visual Studio Professional 2017
  3. Visual Studio Enterprise 2017
  4. Visual Studio Code

- Here select your desired version of Visual Studio.

- You can access Visual Studio Community version for Free, other versions are available for free trial.

- click and download installer [vs_community.exe : for community edition] .

- After the installer is finished you can choose which features you want to be installed (don't worry, you can install more of them later).

- After you select the workload(s) you want, click *Install*.

- After the installation is finished, click Launch.

Visual Studio 2017 Editions Comparison

Visual Studio Community 2017

- Free, fully-featured IDE for students,
- open-source and individual developer

Visual Studio Professional 2017

- Professional developer tools,
- services, and subscription benefits for small teams

Visual Studio Enterprise 2017

- End-to-end solution to meet demanding quality
- and scale needs of teams of all sizes

Detailed Features are listed below :

Supported Features	Visual Studio Community	Visu Pro
⊖ Supported Usage Scenarios	●●●○	●
Individual Developers	●	
Classroom Learning	●	
Academic Research	●	
Contributing to Open Source Projects	●	
Non-enterprise organizations ,[1] for up to 5 users	●	
Enterprise		
Development Platform Support [2]	●●●●	●

⊖ Integrated Development Environment	🔵🔵🔵⚪	🔵
Live Dependency Validation		
Architectural Layer Diagrams		
Architecture Validation		
Code Clone		
CodeLens		
Peek Definition	⚫	
Refactoring	⚫	
One-Click Web Deployment	⚫	
Model Resource Viewer	⚫	
Visualize solutions with Dependency Graphs and Code Maps	⚫ 3	
Multi-Targeting	⚫	
⊖ Advanced Debugging and Diagnostics	🔵🔵⚪⚪	🔵
IntelliTrace		
Code Map Debugger Integration		
.NET Memory Dump Analysis		
Code Metrics	⚫	
Graphics Debugging	⚫	
Static Code Analysis	⚫	
Performance and Diagnostics Hub	⚫	

Testing Tools ⊖	●○○○	●
Live Unit Testing		
Test Case Management		
Web Load & Performance Testing		
IntelliTest		
Microsoft Fakes (Unit Test Isolation)		
Code Coverage		
Lab Management		
Coded UI Testing		
Manual Testing with Microsoft Test Manager		
Exploratory Testing with Microsoft Test Manager		

⊖ Cross-platform Development	●●○○	●
Embedded Assemblies		
Xamarin Inspector		
Xamarin Profiler		
Remoted iOS Simulator for Windows		
Share code between Android and iOS with Xamarin	●	
Native iOS and Android UI Designers	●	
Xamarin.Forms	●	
Xamarin Instant Player	●	

⊖ Collaboration Tools and Features	●●●●	●
PowerPoint Storyboarding	●	
Code Review	●	
Task Suspend/Resume	●	
Team Explorer (third-party development tools support)	●	

Comparison Reference

Read Getting started with visual-studio-2017 online: https://riptutorial.com/visual-studio-2017/topic/10040/getting-started-with-visual-studio-2017

Credits

S. No	Chapters	Contributors
1	Getting started with visual-studio-2017	Community, Krzyserious, tharif