Visual Studio 2019

Presented By:

MR_777 Association

IDE

- An Integrated Development Environment (IDE) is a Software Application that provides comprehensive facilities to computer programmers for software development. An IDE normally consists of a source code editor, build automation tools and a debugger.

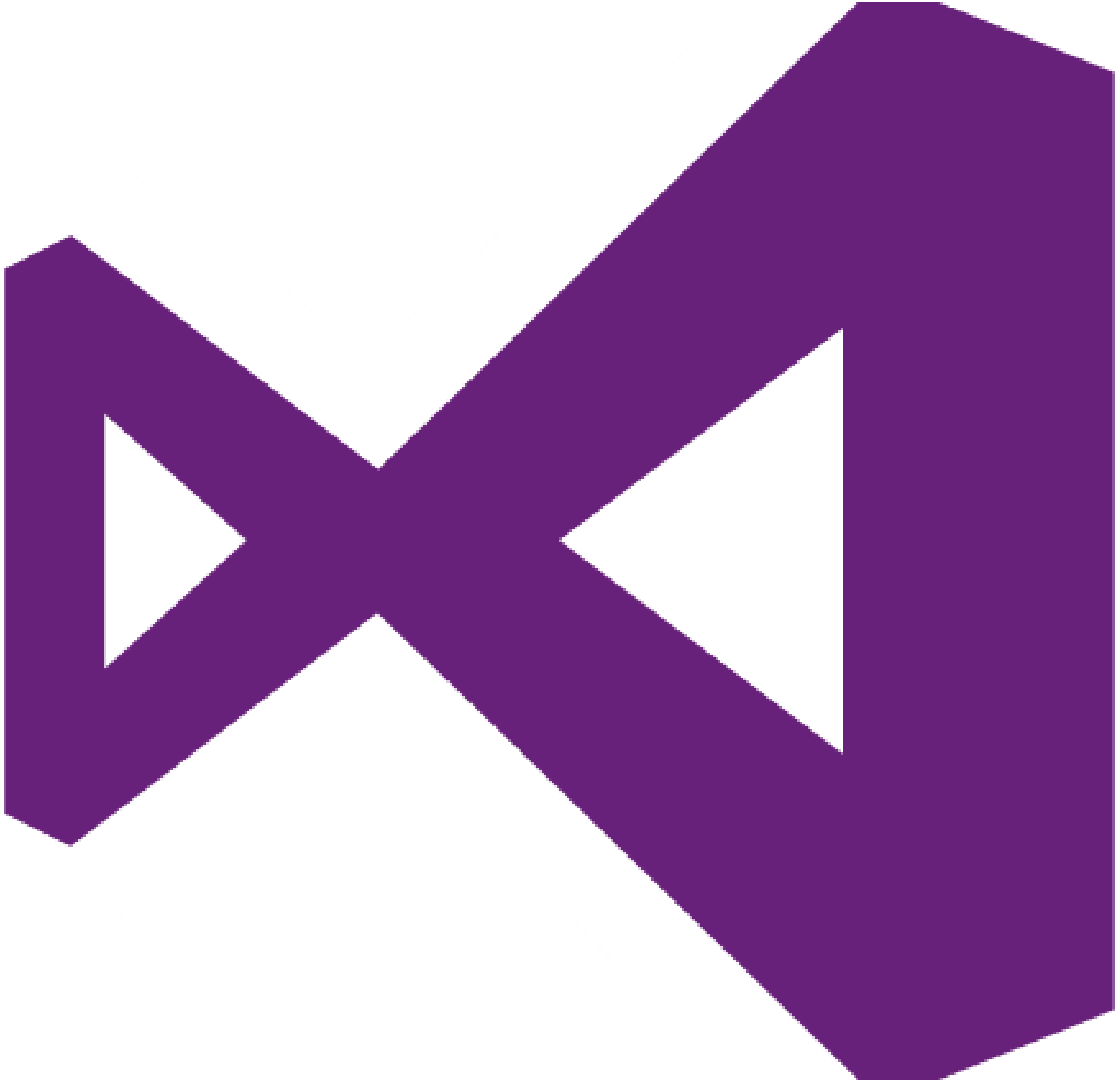
Types of IDE

- Game Engines

- Software IDEs

Microsoft Visual Studio

- *Microsoft Visual Studio is used to develop console and Graphical User Interface (GUI) applications along with Windows Forms or WPF Applications, Web Sites, Web Applications and web services in both native code together with managed code for all platform supported by Microsoft Windows, Windows Mobile, Windows CE .NET Compact Framework and Microsoft Silverlight. It supports more than 36 programming languages!*



Languages

Supported by MS Visual Studio

- Visual C
- Visual C++
- Visual C#
- Visual F#
- Visual BASIC .NET

Languages

Supported by MS Visual Studio

- Java
- JavaScript
- Python
- HTML
- XML

EDITIONS

Supported Features	Visual Studio Community Free download	Visual Studio Professional Buy	Visual Studio Enterprise Buy
⊕ Supported Usage Scenarios	●●●○	●●●●	●●●●
Development Platform Support [2]	●●●●	●●●●	●●●●
⊕ Integrated Development Environment	●●●○	●●●○	●●●●
⊕ Advanced Debugging and Diagnostics	●●○○	●●○○	●●●●
⊕ Testing Tools	●○○○	●○○○	●●●●
⊕ Cross-platform Development	●●○○	●●○○	●●●●
⊕ Collaboration Tools and Features	●●●●	●●●●	●●●●

Code Editor

with IntelliSense

- Like any other IDE, It includes a code editor that supports Syntax Highlights & IntelliSense for not only Methods Variables & Functions, but also Language constructs i.e. Loops.

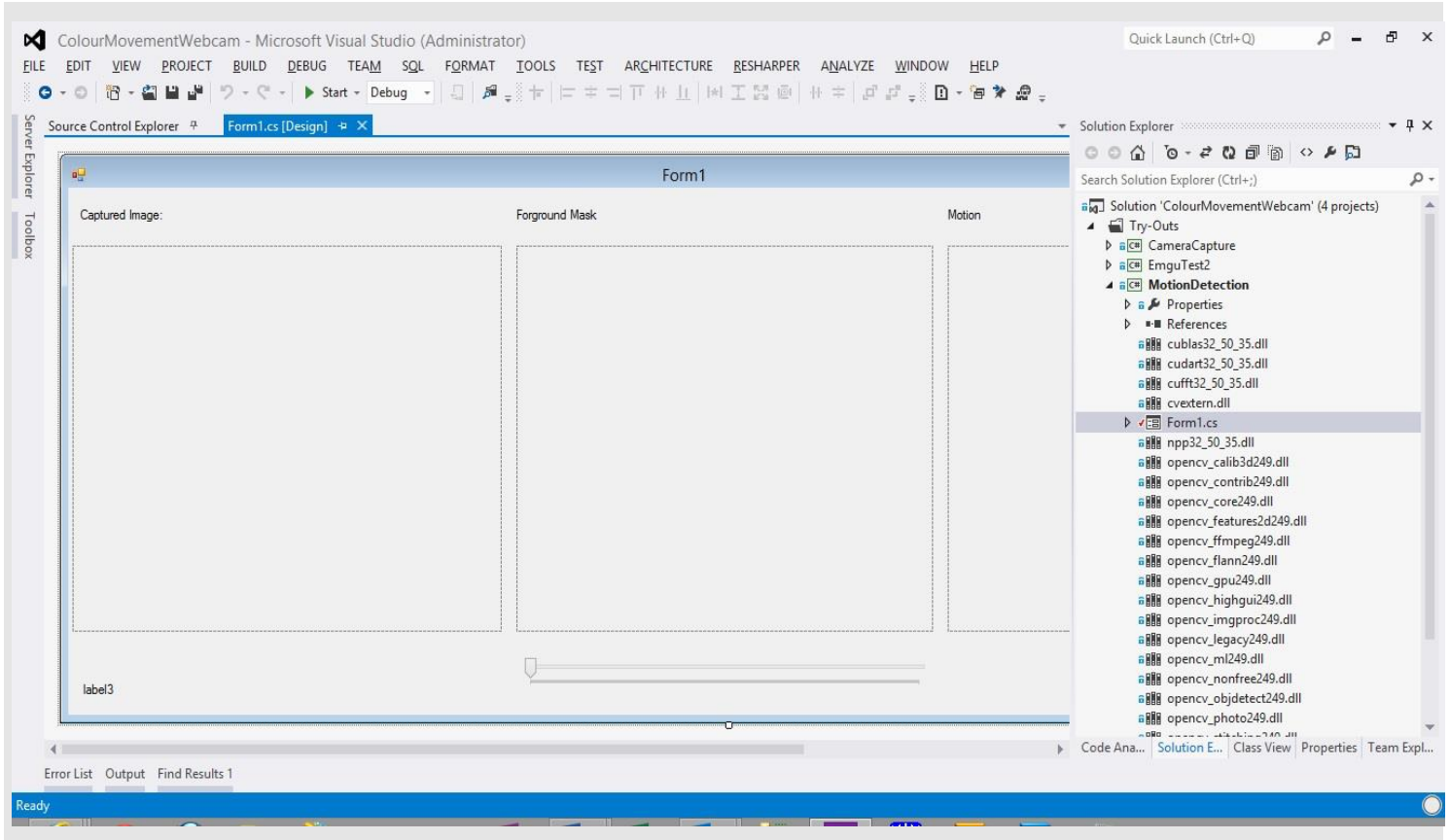
Debugger

Error Reporting Service

- Visual Studio includes a Debugger that can be used for debugging apps written in any Language supported by Visual Studio

Designer

bit.ly/MR_V_Designer



- ***Visual Studio*** *includes a host of* ***Visual Designers*** *to aid in the development of Applications.*
- *These tools include* ***Windows Form Designer****, which is used to build* ***GUI Applications****, using* ***Windows Forms.***
- *A* ***Designer*** *is a* ***visual*** *surface onto which you can add controls such as buttons and lists. For* ***Visual Studio*** *forms, the* ***Designer*** *is called the* ***Windows Forms Designer****.*

Web Development

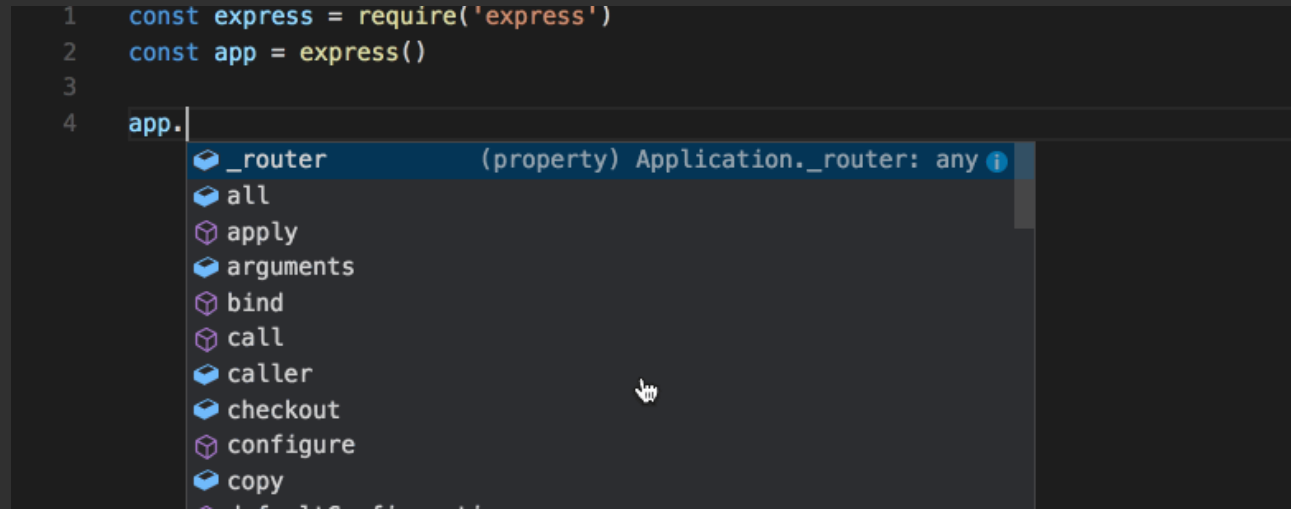
and Designing

Visual Studio also includes a Web-Site Editor and designer that allows Web Pages to be authored by drag and dropping widgets. It is used for developing ASP.NET applications and supports HTML, CSS , and JavaScript

IntelliSense

For more information Visit: bit.ly/MR_Intellisense

- *IntelliSense is a code-completion aid that includes a number of features: List Members, Parameter Info, Quick Info, and Complete Word. These features help you to learn more about the code you're using, keep track of the parameters you're typing, and add calls to properties and methods with only a few keystrokes.*



Products

- *Visual FoxPro*
- *Visual SourceSafe*
- *Microsoft Visual J++*
- *Microsoft Visual J#*
- *Microsoft Visual C++*
- *Microsoft Visual C#*
- *Microsoft Visual Basic*
- *Microsoft SilverLight*

Version History

Stable Release	Release Date
Visual Studio 2019	*2019-04-02*
Visual Studio 2017	*2017-03-07*
Visual Studio 2015	*2015-07-20*
Visual Studio 2013	*2013-10-17*
Visual Studio 2012	*2012-09-12*
Visual Studio 2010	*2010-04-12*
Visual Studio 2008	*2007-11-19*
Visual Studio 2005	*2005-11-07*
Visual Studio .NET 2003	*2003-04-24*
Visual Studio .NET 2002	*2002-02-13*
Visual Studio 6.0	*1998-06*
Visual Studio 97	*1997-02*

Download Links

Visual Studio 2019 (Online)	*bit.ly/MR_VS*
Visual Studio 2017 (Offline)	*bit.ly/MR_V_2017_Offline*
Visual Studio Code (Offline)	*bit.ly/MR_V_Code*
Visual Studio Code (Guide)	*bit.ly/MR_V_Code_Help*
More on IntelliSense	*bit.ly/MR_IntelliSense*
More on Designer	*bit.ly/MR_V_Designer*

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