

MONO[®] TOOLS FOR VISUAL STUDIO

Mono[®] Tools for Visual Studio is an add-in module for Microsoft* Visual Studio that allows .NET developers to port existing .NET applications and create new .NET applications for Linux*, UNIX* and Mac* OS X.

Now, .NET developers can use their familiar Microsoft Visual Studio environment to quickly design, debug and maintain applications that run on non-Windows platforms—without having to learn a new language or platform. This makes it easy to code, test and maintain commercial-quality .NET applications for Linux, UNIX and Mac OS X, while continuing to leverage the extensive .NET ecosystem of code, libraries and tools.

Unlike other application porting approaches that require developers to learn new programming tools and either rewrite or re-architect their applications, Mono Tools for Visual Studio gives developers the ability to exploit their .NET skills and leverage existing application and business knowledge. With Mono Tools for Visual Studio, developers and organizations can reduce development cost and complexity, and increase revenue opportunities and deployment options.

Product Overview

Mono Tools for Visual Studio is an “add-in” module to Microsoft Visual Studio that is based on Mono, an open source project sponsored by Novell. Through a new Mono-specific pull-down menu and other integration points in Visual Studio, it enables developers to leverage the cross-platform coding, testing and debugging functionality of the Mono platform, all while staying within the Visual Studio environment.

Mono Tools for Visual Studio is provided as a Windows* installer (.msi) that integrates Mono-specific menus and templates into Visual Studio. It provides an integrated experience for analyzing, testing, debugging and deploying .NET applications on Mono, for use on Linux, UNIX and Mac OS X.

It also comes with preconfigured virtual machines and packages for SUSE[®] Linux Enterprise Server and openSUSE[®], to simplify the configuration of target Linux platforms.





Contact your local Novell® Solutions Provider, or call Novell at:

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Key Benefits

- **Reduce development costs** — *Independent software vendors (ISVs), corporate developers and custom solution developers can dramatically cut the costs of multi-platform application development by using the same code and tools to target Linux, UNIX or Mac, and using the migration roadmap provided.*
- **Increase revenue by accessing new markets** — *ISVs and custom solution developers can quickly gain access new, non-Windows markets with existing applications, thus increasing revenue opportunities at minimal cost. Sell your applications for the Linux, UNIX and Mac OS X platforms.*
- **Save time** — *Developers can save tremendous time in porting existing .NET applications to non-Windows platforms. Exploit existing .NET and C# development skills to easily create and maintain applications that run on Linux, UNIX and Mac OS X, and avoid having to get and learn new tools, or rewriting your applications.*
- **Leverage application and business knowledge** — *Retain and leverage your existing staff who have deep knowledge of your applications, the business and customer needs.*
- **Create virtual appliances for .NET applications** — *For the first time, build turnkey virtual appliances and software appliances for .NET applications—to simplify deployment and support, shorten sales cycles and extend applications to the cloud.*

Key Features

- **Integrated migration analysis tools** — *Use integrated tools that guide you through the process of identifying and resolving cross-platform incompatibilities.*
- **Debug applications in Mono on Linux** — *Remotely debug your Linux applications directly in Windows and Visual Studio. Isolate incompatibilities between Mono and .NET, and Windows and Linux, that could affect cross-platform application development.*
- **Package applications for Linux** — *Utilize automated packaging for SUSE Linux Enterprise and openSUSE to prepare your applications for immediate deployment on Linux.*
- **Integrated appliance building tools** — *Create turnkey virtual appliances and software appliances for .NET applications for the first time, using integrated appliance building tools.*

A Unique Cross-platform Development Solution from within Visual Studio

Mono Tools for Visual Studio enables developers to write .NET applications for non-Windows platforms using their familiar Visual Studio environment. Three product versions are available:

1. **Professional (US\$99)** — *The Professional Edition includes a non-transferable license that is owned and used by a single individual.*
2. **Enterprise (US\$249)** — *The Enterprise Edition includes is a non-transferable license that is owned by an organization, which entitles one developer to use it at any given time.*
3. **Ultimate (US\$2,499)** — *The Ultimate Edition includes a commercial license to redistribute the Mono runtime on Windows, Linux and Mac OS X personal computers under non-LGPL licensing terms. It also allows the concurrent use of five enterprise developers.*

All product versions include a one-year subscription for product updates. Support resources for Mono Tools for Visual Studio are listed on the Mono Project Web site (<http://mono-project.com/Support>). Commercial support for the production deployment of applications built with Mono are also available via subscriptions for SUSE Linux Enterprise Mono Extension (www.novell.com/products/mono).

Free Trial

Download a free 30-day trial and see how easy it is to use Visual Studio to design, code, debug and maintain applications for Linux, UNIX and Mac OS X—all without learning a new language, toolset or platform at www.mono-project.com/DownloadMonoVS

System Requirements

- Windows XP, Windows Vista* or Windows 7 — 32 or 64 bit
- Visual Studio 2008 SP1 — Standard, Professional or Team Edition
- VMware Player or Windows Virtual PC to run preconfigured Linux virtual machines

Download your free trial or purchase the product today at: www.novell.com/monotools