

Mono Project

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Only a fool would try 12
slides and 3 demos in 20
minutes I'd best get started!

What?

- Mono is an open-source implementation of the Microsoft .NET Framework
- Works on Windows, Mac OS X, Linux, others
- Compatible with Microsoft's commercial release
- Adds features not available in Microsoft's commercial release
- MonoDevelop, a cross-platform IDE, written using Mono
- Supports C# (gmcs) and Visual Basic (vbnc) out of the box
- Microsoft's distribution of F# works unmodified

Features

ASP.NET	Yes
ASP.NET MVC	Version 2*
Silverlight	Sort of
WCF	Very limited
WPF	No
Windows Phone	No
Windows Forms	Yes

*ASP.NET MVC 3 works but licensing prevents some of the dependencies from being redistributed so you have to set it up by hand.

Why?

- .NET was designed to provide platform and language interoperability
- Common Language Runtime (CLR)
- .NET languages are “compiled” down to an intermediate language (IL) which is then executed on the CLR
- If a platform has a CLR targeting it, IL can run unmodified
- Microsoft only supports Windows on the desktop but on three different processor architectures (x86, x86_64, IA-64)
- ECMA Standardization

Who?

- Miguel de Icaza - GNOME Desktop
- Started Ximian and developed Mono
- Acquired by Novell
- Xamarin took over when Novell dropped Mono

DEMO

(very quick demo)

**But who uses
Twitter from the
command line????**

MonoTouch

- Create applications using .NET skills targeting iOS and Android devices
- Platform dependent - iOS requires XCode
- Applications are App Store legal
- Used by major corporations
 - Target
 - AT&T
 - Microsoft
- Not free (can deploy to the simulator using the untimed evaluation)

ANOTHER DEMO

(yes, this one will also be very quick)

Questions?

- <http://mono-project.com/>
- <http://monodevelop.com/>
- <http://xamarin.com/monotouch>
- <http://json.codeplex.com/>
- <https://github.com/ayoung/Newtonsoft.Json>

Thank you!

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