

It is possible to export code from .NET Framework to .NET Core

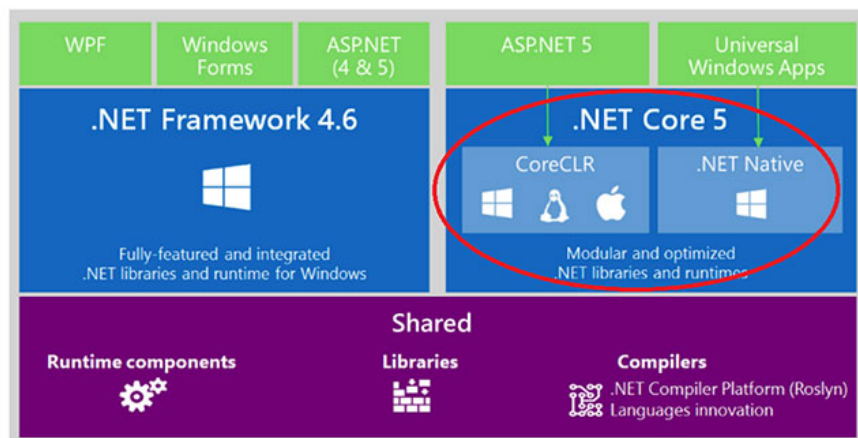
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However, the implementation of this conversion depends on how much developers want to stick with Windows.

Recently, Microsoft has released a beta version of Windows Compatibility Pack, in addition to access to previous APIs that only access the .NET Framework. That means developers now use .NET Core to use more than 20,000 APIs. You can download this Windows Compatibility Kit via the Nuget package here. <https://www.nuget.org/packages/Microsoft.Windows.Compatibility>

While .NET Framework is used on Windows, the open source .NET Core tool is optimized for creating web applications for both Windows, Linux and macOS.



Depending on the needs of use, the developer will decide whether or not to transfer

There is a reason to move and not convert code to .NET Core. On the one hand, .NET Core allows web applications to scale themselves (resize) to run on Linux, having more .NET Framework will make .NET Core more useful. But on the other hand, developers who want to use Microsoft technologies like WinForms, Windows Presentation Foundation or ASP.NET will be forced to use the .NET Framework.

The transfer should be done step by step. For example, putting an ASP.NET MVC application developed on Windows Server to ASP.Net Core on Linux via Azure.

Microsoft recommends uploading to ASP.Net Core while still targeting the .NET Framework. You can then switch to .NET Core that is still on Windows. Finally, move to Linux and Azure. (ASP.Net .NET Core extension for web development)

Note that the order of steps can vary greatly. Microsoft also provides instructions for moving <https://docs.microsoft.com/en-us/dotnet/core/porting/> including how to identify dependent assets on third parties and using API Portability Analyzer tool. <https://github.com/Microsoft/dotnet-apiport/>

See also: Instructions for installing the .NET Framework 3.5 100% successful on Windows 7

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