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Software-Solutions

.NET 4.7, .NET Core, .NET Standard

Ich bin ein .NET'ler holt mich hier raus!



.NET Developer
Conference

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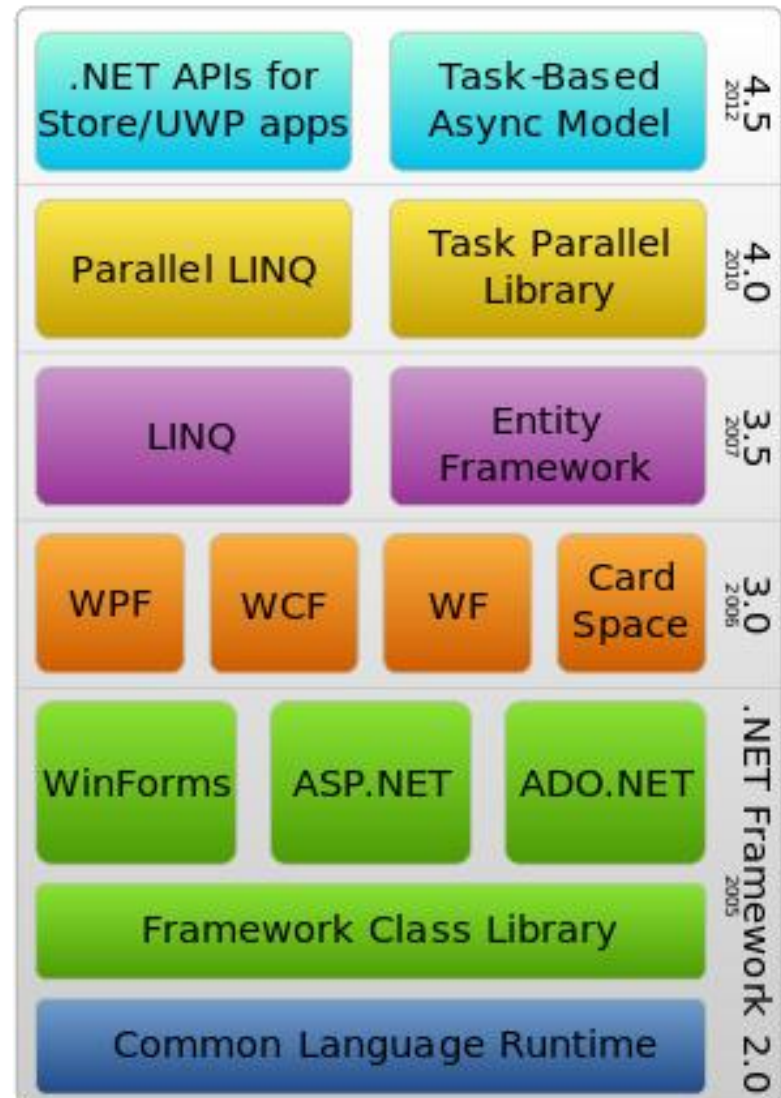
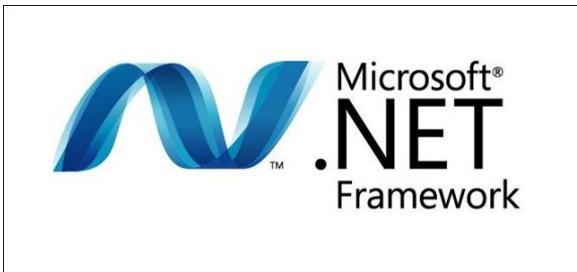
@giessweinweb / #netdc18

- 2002 - .NET Framework 1.0
- 2016 - .NET Core 1.0
- 2018 - .NET 4.7
- 2018 - .NET Core 2.1
- 2019 - .NET 4.8
- 2019 - .NET Core 3.0

.NET Framework 4.x



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Die Welt hat sich gedreht



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Linux is a cancer that attaches itself in an intellectual property sense to everything it touches.

- Steve Ballmer -

- TPL
- Entity Framework 6
- Roslyn – C#
- .NET Core
- EF Core
- ASP.NET Core
- Visual Studio Code



- OSS zieht sich durch
- Cross-Plattform
- Unified Tooling („dotnet“ everywhere)
- Monolithisch Architektur war gestern
- Deployment vereinfachen
- Releases in kurzen Abschnitten
- CLR, JIT, GC, Typen
- Performance !

„Die magischen Vier“



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Sprache

- C#
- VB
- F#
- ...

Tooling

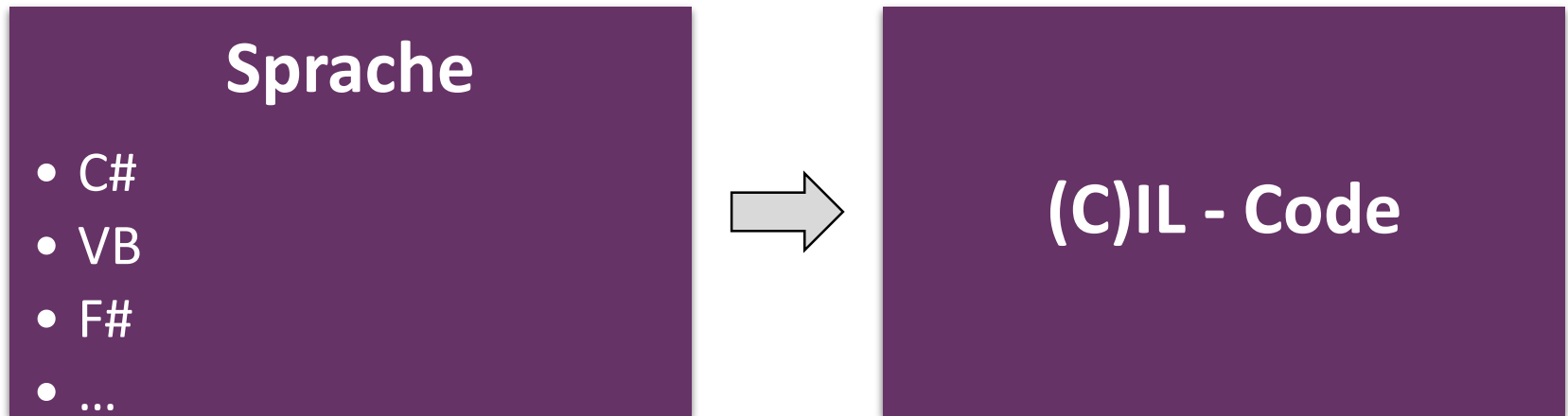
- Visual Studio
- Visual Studio Code
- JetBrains Rider
- ...

Frameworks

- ASP.NET (Core)
- EF (Core)
- WinForms / WPF
- ...

Runtime

- .NET
- .NET Core
- Mono
- ...

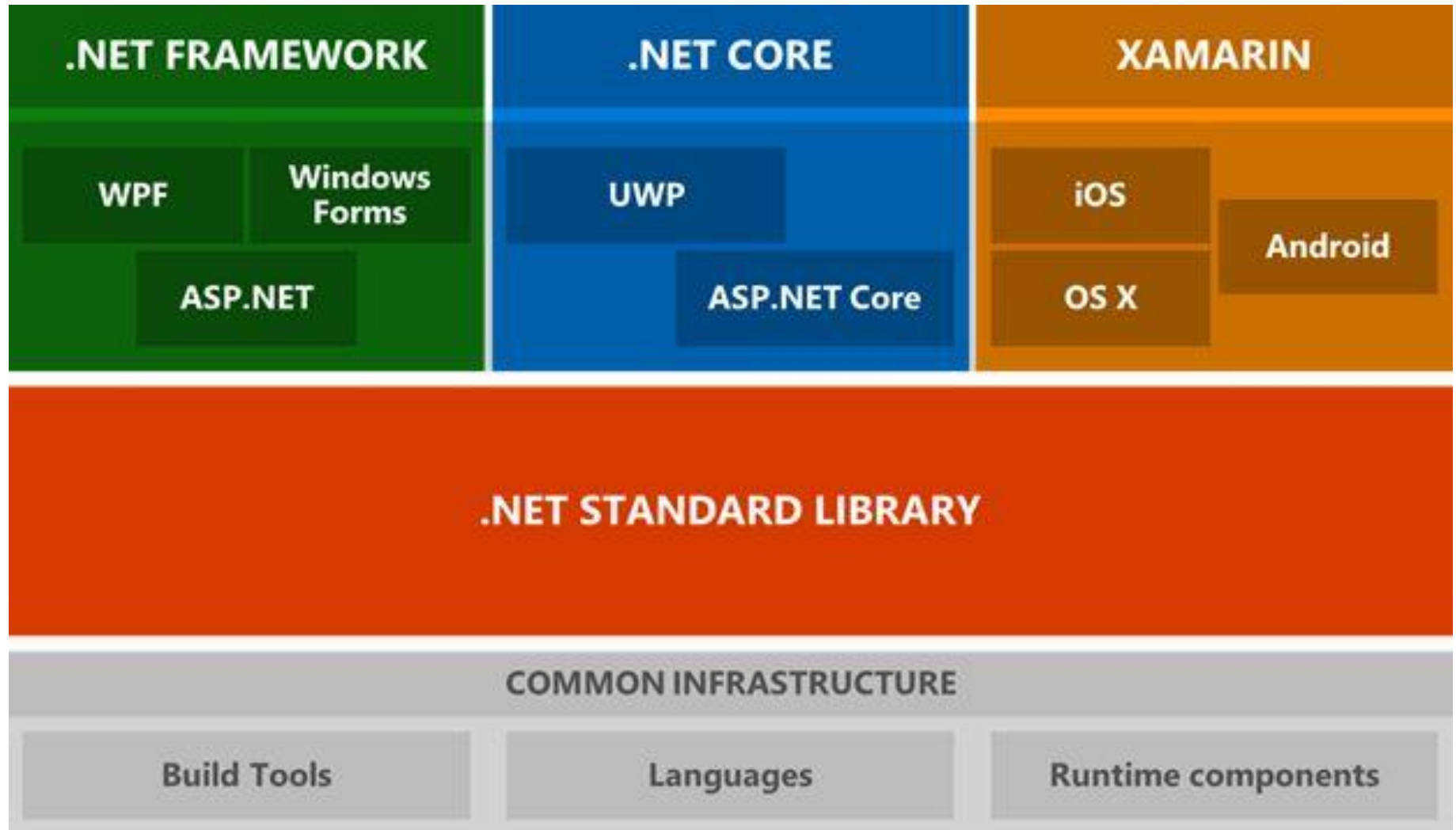


Unabhängig von der Runtime (!)

.NET Standard – Die Erweiterung des Nenners



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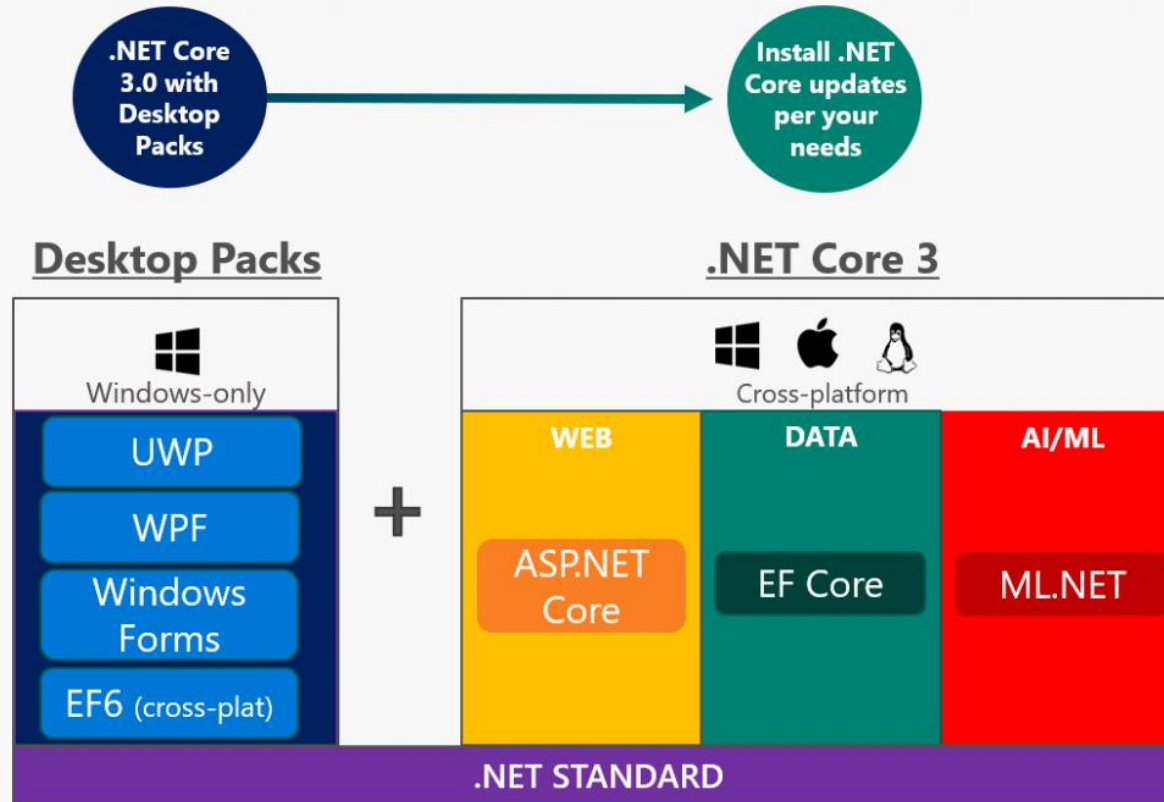


.NET Core 3.0



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Modernize Desktop Apps with .NET Core 3



- XAML Islands - WinForms & WPF apps can host UWP controls
- Full access to Windows 10 APIs
- Side-by-side support & self contained exes
- Desktop pack to enable porting existing apps to .NET Core

- .NET Standard kommt 2019
- Z.b.: Span<T> enthalten !
- <https://blogs.msdn.microsoft.com/dotnet/2018/11/05/announcing-net-standard-2-1>
- .NET 4.8 wird .NET Standard 2.1 nicht erfüllen!
- „Funny Fact“: ASP.NET Core 3.0 wird nur noch mit .NET Core 3.0 lauffähig sein

- *„.NET Core is the open source, cross-platform, and fast-moving version of .NET. [...] This means that .NET Core will get new APIs and language features over time that .NET Framework cannot. “*
- <https://blogs.msdn.microsoft.com/dotnet/2018/10/04/update-on-net-core-3-0-and-net-framework-4-8/>

.NET 4.8, .NET Core 3.0, .NET Standard 2.1
Wie bereite ich mich darauf vor?

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