



GIESSWEIN
Software-Solutions

WPF lebt ... mit .NET Core 3.0

Ing. Christian Giesswein, MSc.

www.software.tirol

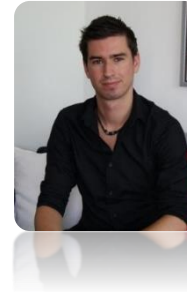
About Me



GIESSWEIN
Software-Solutions

- Ing. Christian Giesswein, MSc.

- www.software.tirol
- christian@software.tirol



Microsoft
CERTIFIED
Professional

Microsoft
CERTIFIED
Trainer

Microsoft
CERTIFIED
Solutions Developer
Windows Store Apps

Microsoft
CERTIFIED
Technology Specialist

Microsoft
CERTIFIED
Professional Developer

Microsoft
CERTIFIED
Solutions Developer
Web Applications

- .NET Developer
 - .NET and .NET Core
 - EF / EF Core
 - WPF
- Konferenzsprecher / Fachautor im DACH Raum
- Gründer „Giesswein Software-Solutions“ (2013)
 - .NET basierte Beratung, Schulung und Entwicklung
 - Produktentwicklung
 - MDebug (Debug Mono - www.mdebug.com)
 - FAML (WPF Designer - www.faml.dev)



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dotnet  Cologne 2015

WPF lebt...

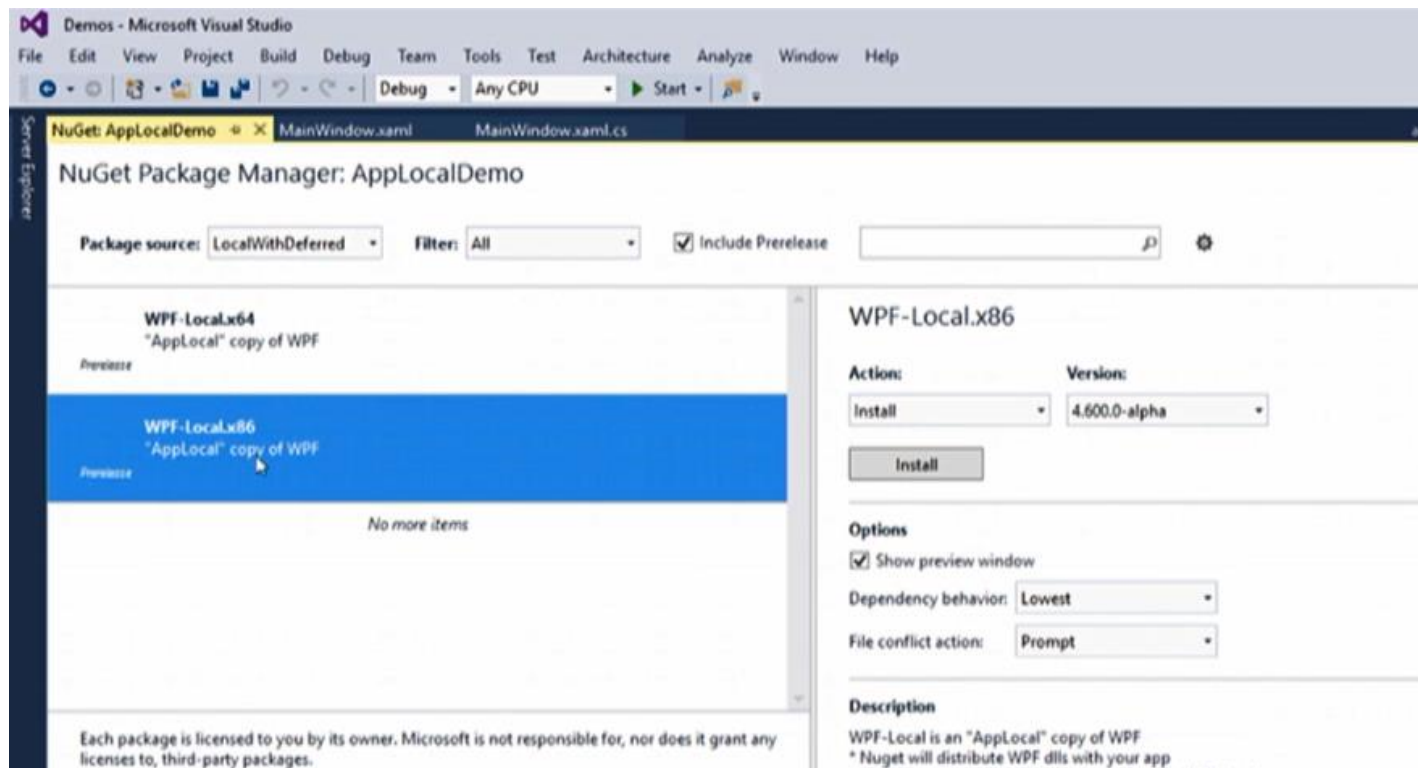
.NET 4.6 und die Neuerungen in WPF

Christian Giesswein
@giessweinweb

```
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<!--<PathIcon Data="M0 0"/>-->
<SymbolIcon Data="Accept"/>
<!--<ImageIcon UriSource="http://www.giesswein.com/icon.png"/>-->
</AppBarButton.Icon>
</AppBarButton>
</CommandBar.PrimaryCommands>
<AppBarButton Icon="Refresh" Label="Refresh"
SecondaryCommands>
```

WPF

- WPF ist momentan an das .NET Framework gekoppelt
- Entkopplung über NuGet geplant



.NET Core 3 and Support for Windows Desktop Applications



Richard

May 7th, 2018

At [Microsoft Build Live](#) today, we are sharing a first look at our plans for .NET Core 3. The highlight of .NET Core 3 is support for Windows desktop applications, specifically Windows Forms, Windows Presentation Framework (WPF), and UWP XAML. You will be able to run new and existing Windows desktop applications on .NET Core and enjoy all the benefits that .NET Core has to offer.

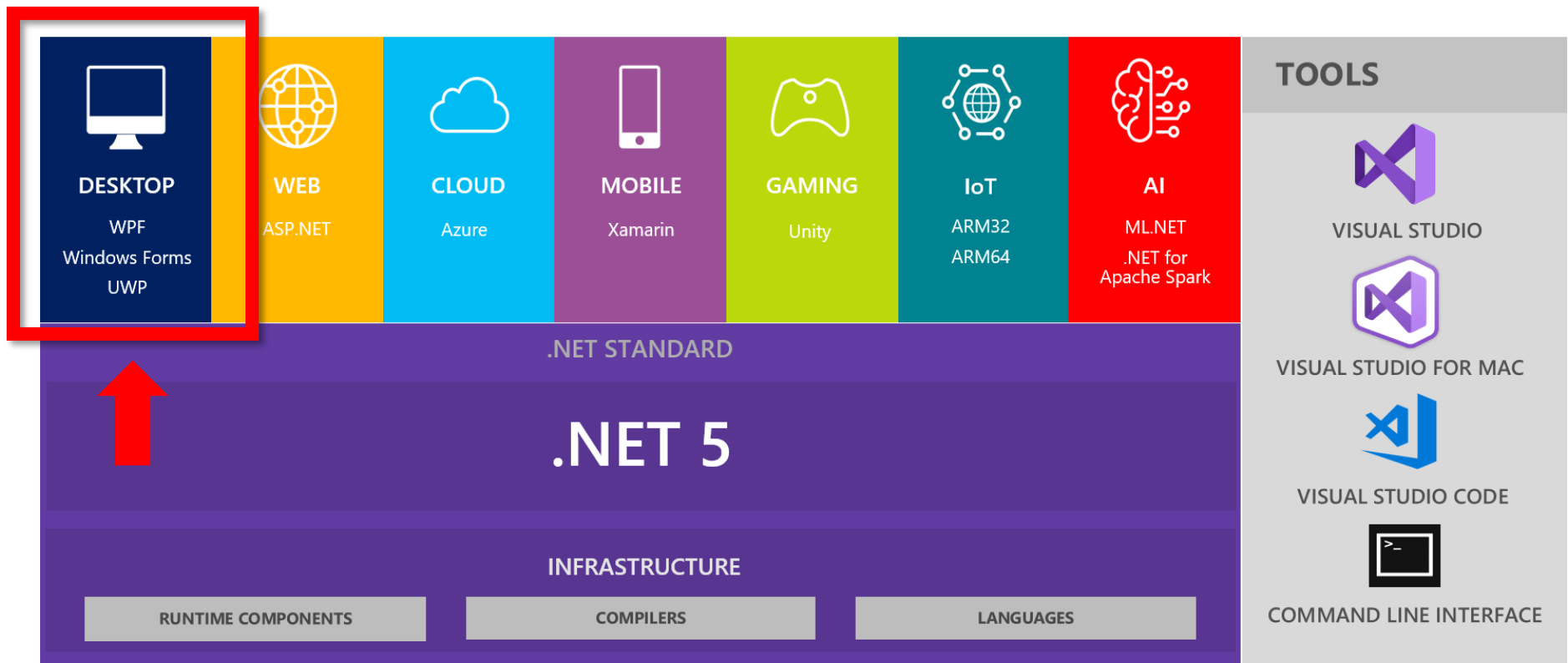
We are planning on releasing a first preview of .NET Core 3 later this year and the final version in 2019. We will be looking for developers to partner with us, to give us feedback, and to release versions of your applications in the same timeframe as our releases. We think that .NET Core 3.0 will be one of the most exciting .NET releases we've ever released.

2019

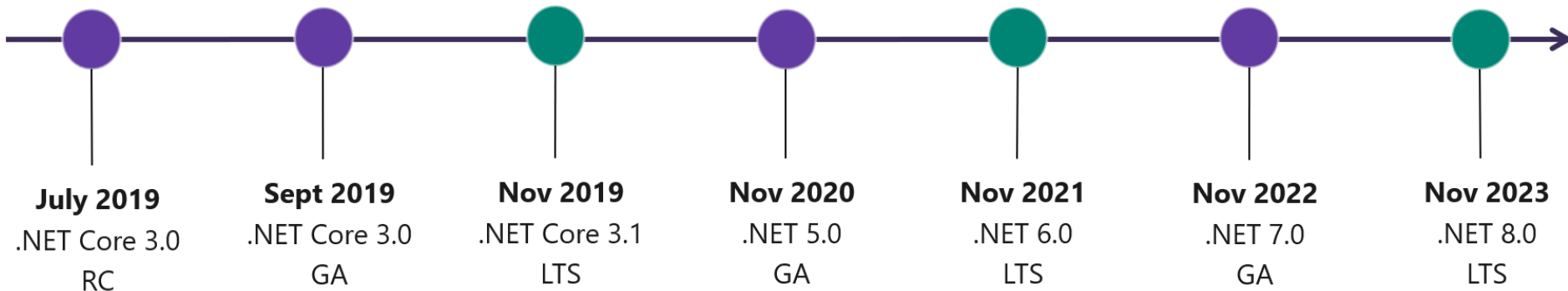


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.NET – A unified platform



.NET Schedule



- .NET Core 3.0 release in September
- .NET Core 3.1 = Long Term Support (LTS)
- .NET 5.0 release in November 2020
- Major releases every year, LTS for even numbered releases
- Predictable schedule, minor releases if needed

- Performance !
 - + neue .NET Core Runtime
 - - eventuell nicht immer!
- „State of the art“
 - .NET Core → C# 8.0 → .NET Standard 2.1
- Deployment
- „Empfehlung?“
 - „Supportprojekt“ → „Alt“ bleibt „alt“
 - „Laufende Entwicklung“ → Migration!

UWP ← XAML Islands → Windows Forms & WPF

- Microsoft.Toolkit.Wpf.UI.XamlHost
 - Ähnlich wie „WindowsFormsHost“
- Microsoft.Toolkit.Wpf.UI.Controls
 - InkCanvas, InkToolbar, MapControl, MediaPlayerElement, SwapChainPanel
- Microsoft.Toolkit.Forms.UI.Controls.WebView
 - **WebView / WebViewCompatible**

Schulung? Beratung? Entwicklung?

Telefon: +43 / 664 46 36 135

Email: christian@software.tirol

Web: www.software.tirol

Unterlagen / Beispiele

<https://github.com/softwaretirol/conferences>

Produkte

www.faml.dev (WPF-Designer für Visual Studio)

www.mdebug.com (Mono-Debugger für Visual Studio)