



Advanced Technology Days

18. i 19. studenog 2015., Cinestar Arena Centar





ASP.NET 5 deep dive

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Agenda



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What is .NET 4.6?

What is .NET Core?

ASP.NET and .NET 2015

DEMO TIME 😊

- pipeline, middleware, configuration provider,
- Services, Di/IOC, MVC, TagHelpers

What is .NET Framework 4.6?

.NET Framework 4.x will be "mainstream" for a long time in .NET development



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Evolution in time

.NET
Framework
4

.NET
Framework
4.5

.NET
Framework
4.5.1

.NET
Framework
4.5.2

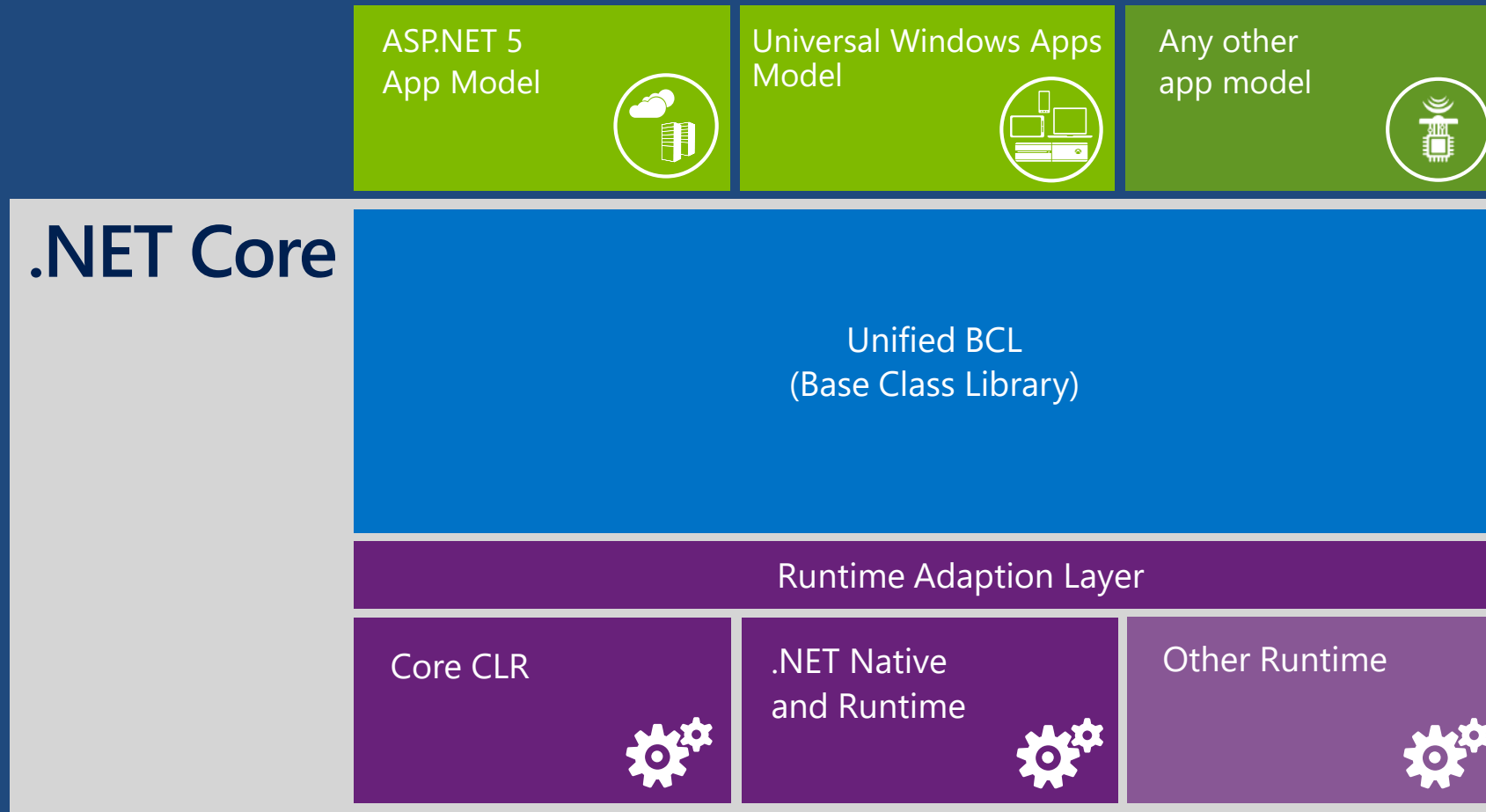
.NET Framework 4.6

- Highly compatible, in-place replacement for .NET 4, 4.5, 4.5.1, and 4.5.2
- Full support of any .NET API and Libraries in the market
- WPF is the platform of choice for desktop application development
- ASP.NET 5 is also supported running on top of .NET 4.6
- .NET 4.6 also gets the investment on new compilers, new Jit, and languages innovation

What is .NET Core?



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ASP.NET and .NET 2015



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ASP.NET 4.6	RTM	ASP.NET 5	OSS
.NET Framework 4.6	RTM	.NET Core 5	OSS
.NET framework libraries	RTM	.NET core libraries	OSS
Compilers and runtime components (.NET Compiler Platform: Roslyn, C#, VB, F# Languages, RyuJIT, SIMD)		RTM	OSS

Roadmap



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Milestone	Release Date Planned
Beta 8	12 Oct 2015
RC 1	November 2015
Release 1.0	Q1 2016

<https://github.com/aspnet/Home/wiki/Roadmap>

ASP.NET 5 and the Modern Web

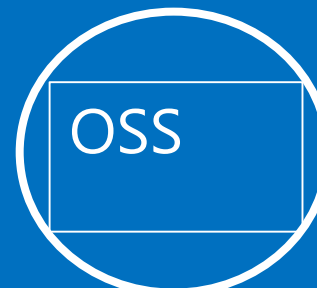
Totally Modular



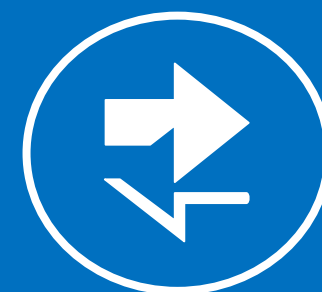
Seamless transition from on-premises to cloud



Open Source with Contributions



Faster Development Cycle



Choose your Editors and Tools



Cross-Platform



Fast





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DEMO
Time





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Source code from this talk
can be found on

<https://github.com/rjovic/ATD11>

Useful ASP.NET 5 links

- <https://github.com/aspnet/home>
- <https://docs.asp.net/en/latest/>

THANK YOU!

