GIESSWEIN
Software-Solutions

.NET 7 & .NET 8
Was ist, was kommt ...

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About Me

GIESSWEIN
Software-Solutions

- Ing. Christian Giesswein, MSc.
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- .NET Allrounder
  - C# & .NET, .NET Core
  - Datenbankentwicklung - EF / EF Core
  - Anwendungsentwicklung – WPF & Blazor

- Konferenzsprecher / Fachautor im DACH Raum

- Gründer „Giesswein Software-Solutions“ in Tirol / Österreich (2013)
  - .NET (Core) Beratung, Schulung und Entwicklung
  - Produktentwicklung
    - MDebug (Debug Mono - www.mdebug.com)
    - FastWPF (WPF Designer - www.fastwpf.dev)

.NET 8

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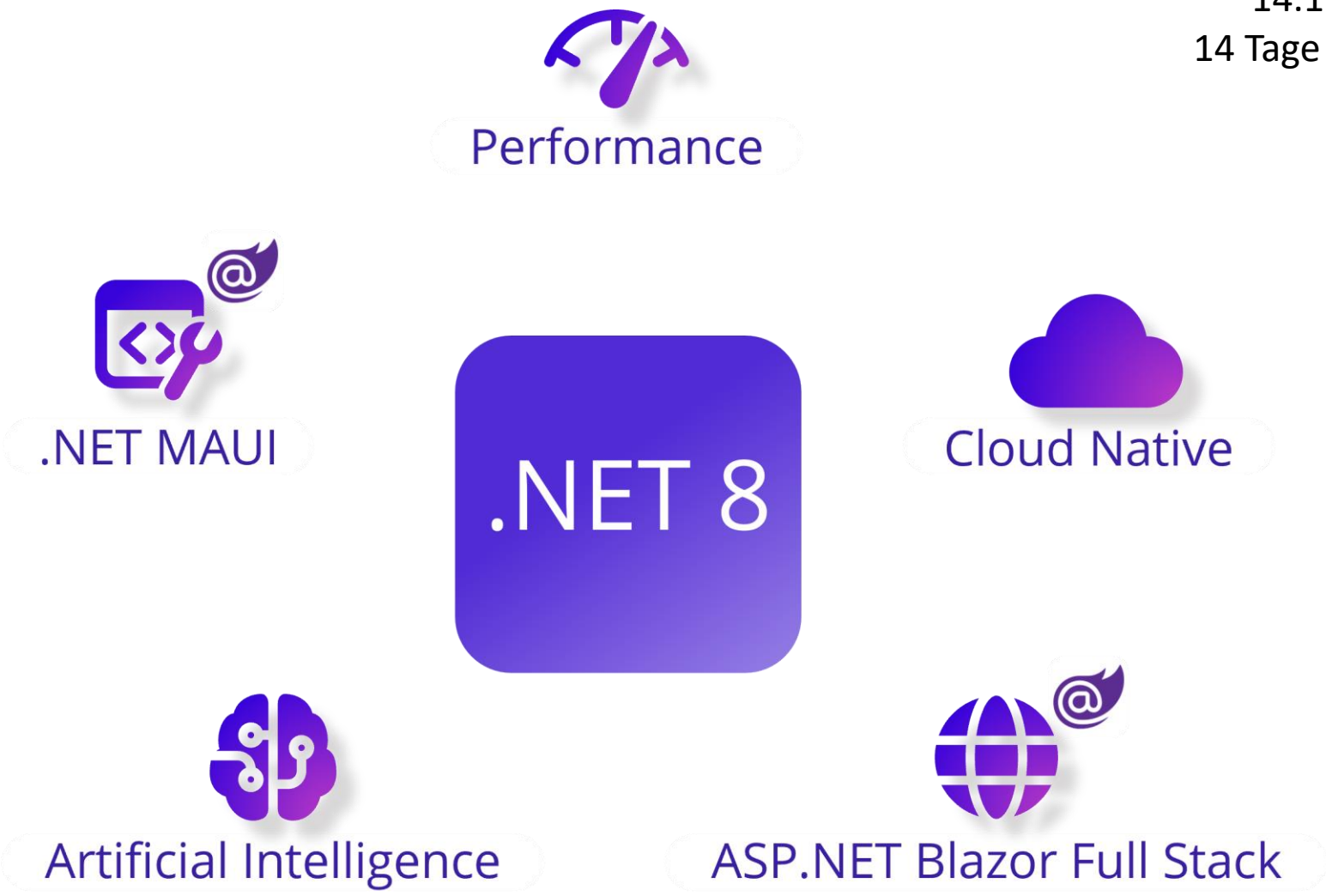
14.11.2023
14 Tage alt 😎



C# 12

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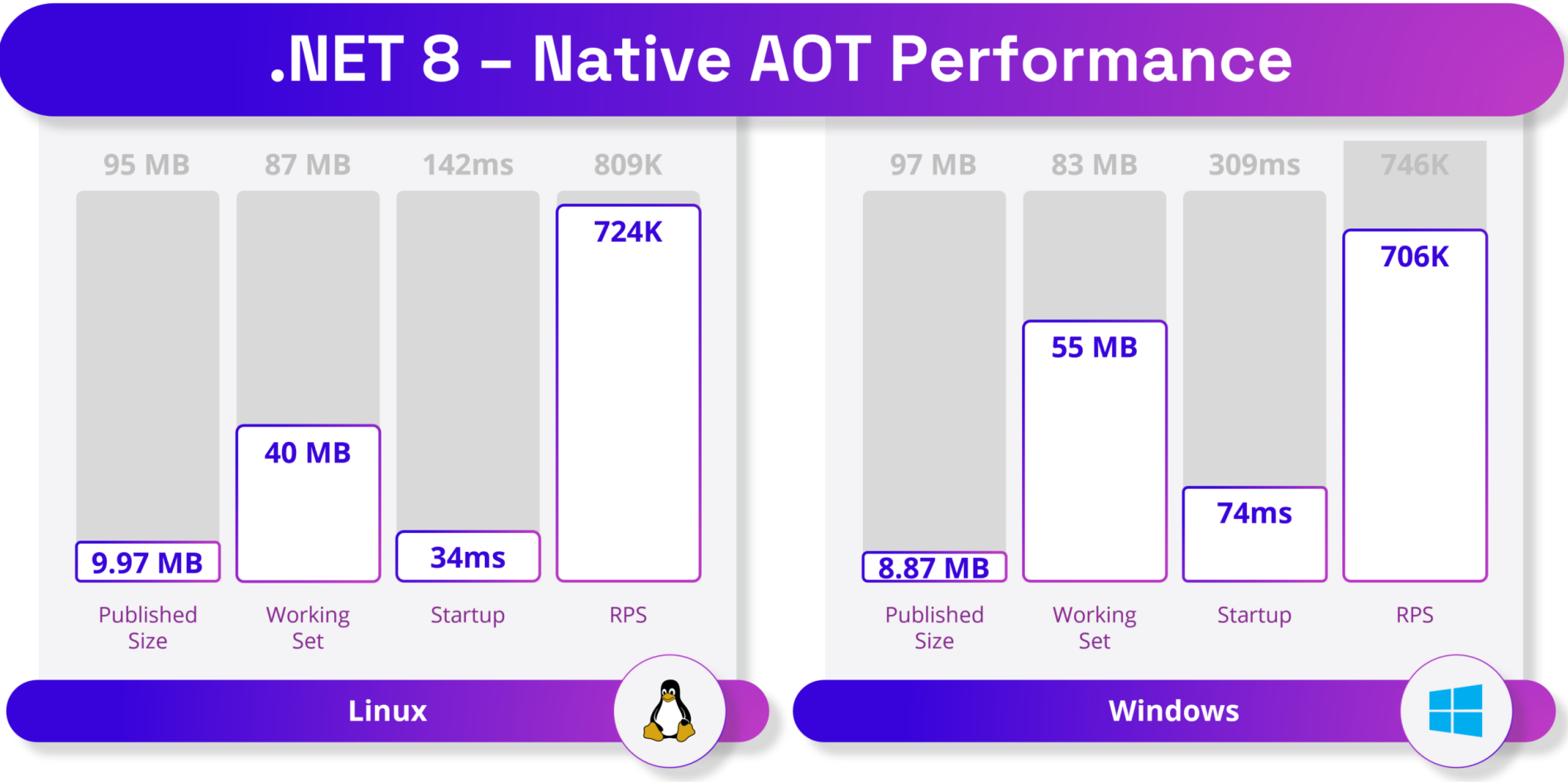
.NET 8 – Native AOT Performance



Feature	Fully Supported	Partially Supported	Not Supported
gRPC	✅Fully supported		
Minimal APIs		✅Partially supported	
MVC			❌Not supported
Blazor			❌Not supported
SignalR			❌Not supported
JWT Authentication	✅Fully supported		
Other Authentication			❌Not supported
CORS	✅Fully supported		
Health checks	✅Fully supported		
Http logging	✅Fully supported		
Localization	✅Fully supported		
Output caching	✅Fully supported		
Rate limiting	✅Fully supported		
Request decompression	✅Fully supported		
Response caching	✅Fully supported		
Response compression	✅Fully supported		
Rewrite	✅Fully supported		
Session			❌Not supported
SPA			❌Not supported
Static files	✅Fully supported		
WebSockets	✅Fully supported		

Blazor

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Full Stack Web UI

- Static server rendering
- Enhanced navigation & form handling
- Streaming rendering
- Per component or page interactivity
- Auto select render mode at runtime

Faster WebAssembly

- 20% faster UI rendering
- Hot Reload improvements
- Web-friendly packaging

New components

- Display data with QuickGrid
- Section outlets
- Authentication & identity

.NET Aspire

A cloud ready stack for building observable, production ready, distributed applications

First Preview Available Today

aka.ms/dotnet-aspire

Engage with team on GitHub

github.com/dotnet/aspire

Links

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- https://devblogs.microsoft.com/dotnet/announcing-dotnet-8/
- https://devblogs.microsoft.com/dotnet/announcing-asp-net-core-in-dotnet-8/
- https://devblogs.microsoft.com/dotnet/announcing-ef8/
- https://devblogs.microsoft.com/dotnet/announcing-dotnet-maui-in-dotnet-8/

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Schulungs-, Beratungs- und/oder Projektunterstützung ?!

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Unterlagen / Beispiele
https://github.com/softwaretirol/conferences

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