What is new in .NET 9 and C# 13

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Here's Johnny!

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What is new in .NET 9

- Feature switches with trimming
- Base64Url
- System.Linq additions
- Generic OrderedDictionary
- PriorityQueue.Remove
- ReadOnlySet
- System.Text.Json additions
- TimeSpan.From overloads
- Task.WhenEach
- Compression options
- BinaryFormatter removal
- SearchValues expansion
- GeneratedRegEx on properties
- RegEx.EnumerateSplits
- System.Security.Cryptography additions
- Guid.CreateVersion7
- ActivatorUtilities.CreateInstance fix
- Debug.Assert reports
- TarEntry.DataOffset
- Debugging for Dictionaries

What is new in C# 13

- Params Collections
- New Lock object
- New escape sequence
- Implicit index access
- More partial members
- ref and unsafe in Iterators and Async methods
- ref struct interfaces
- ref struct Type arguments

What is new in ASP.NET 9

- Improved debugging support
- SignalR
- Blazor component constructor injection
- Blazor WebSocket compression
- Developer Exception page
- InternalServerError TypedResult
- Keyed DI in Middleware

Thank you!

Questions?

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https://github.com/Djohnnie/DotNet9-Swetugg-Gothenburg-2024