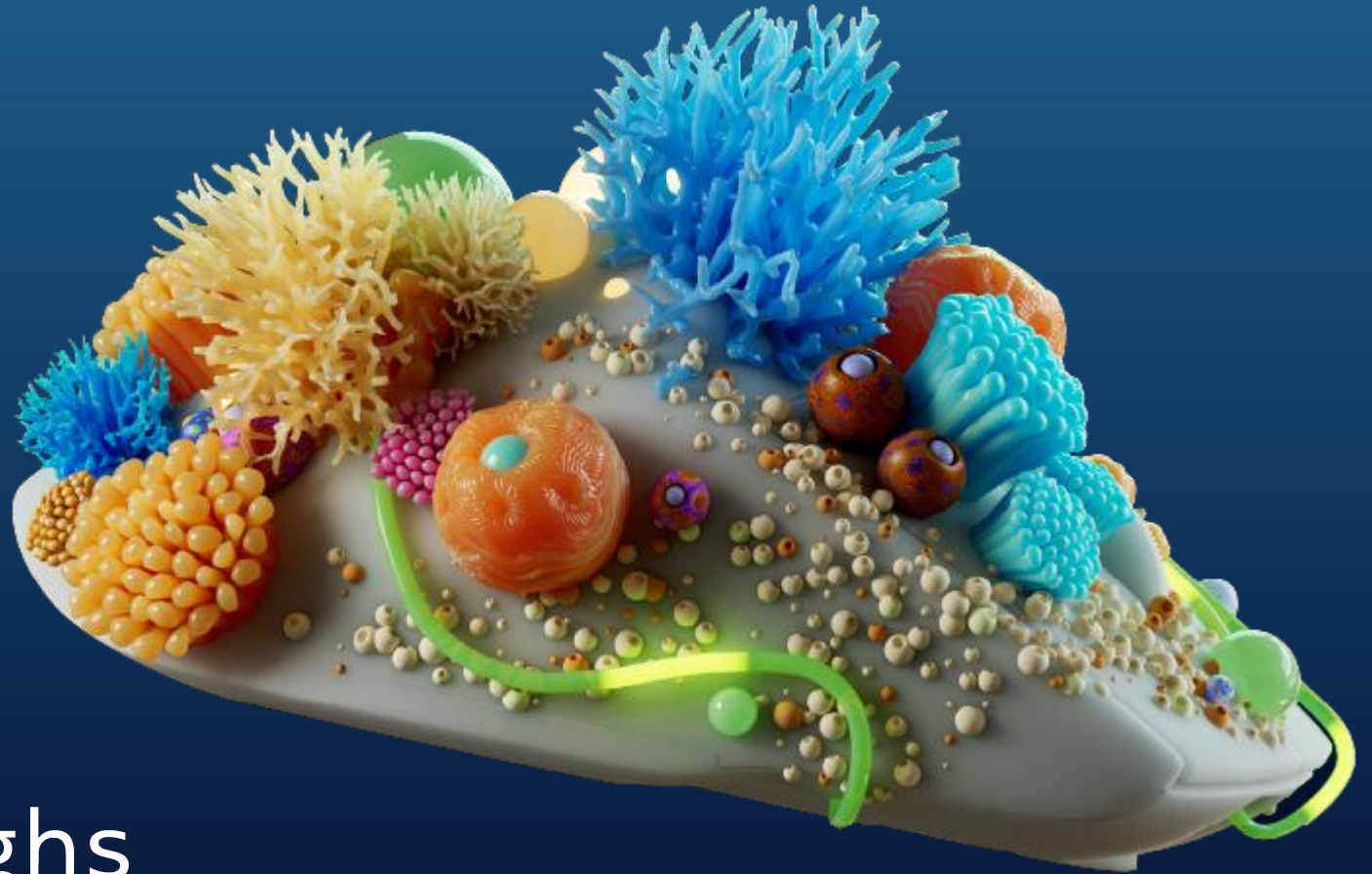# Build Stuff
Appetizer

Johnny Hooyberghs

What is new in .NET 8?

Here's Johnny!

Johnny Hooyberghs

@djohnnieke

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- Passionate Developer
- Principal Software Consultant/Architect (.NET)
- Microsoft MVP, Developer Technologies
- Operational Manager at Involved

MVP Microsoft® Most Valuable Professional

https://github.com/Djohnnie/DotNet8-BuildStuff-2023

What is new in .NET 8

Native AOT

Random Utilities

System.Text.Json Additions

Performance-Focused Types

Extended Data Annotations

Simplified Output Path

Time Abstraction

Stream-Based ZipFile

SHA-3 Support

Keyed Dependency Injection

WPF Hardware Rendering on RDP

WPF OpenFolderDialog

Configuration Binder Source Generator

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What is new in C# 12

Default values for Lambda Expressions

Primary Constructors

Using directives for Additional Types

nameof for Instance Members

Collection Expressions

Inline Arrays

Interceptors

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What is new in ASP.NET 8

Blazor Auto

Identity API Endpoints

Minimal API Form Binding

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What is new in EF 8

Raw SQL for Unmapped Queries

Lazy-Loading No-Tracking Queries

DateOnly and TimeOnly support for SQL Server

JSON Column support for SQLite

HierarchyId Support for SQL Server

Numeric RowVersions for SQL Server

Improved ExecuteUpdate and ExecuteDelete

Sentinel Values and Database Defaults

Complex Types as Value Objects

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Thank you!

Questions?

in Johnny Hooyberghs

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