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Yes, we're up to V8 now  
baby!

# Yet Another Version of C#?

# Quick agenda (1)

- Read-only members
- Default interface members
- Pattern matching enhancements
  - Switch expressions
  - Property patterns
  - Tuple patterns
  - Positional patterns
- Using declarations
- Static local functions

# Quick Agenda (2)

- Disposable ref structs
- Nullable reference types
- Asynchronous streams
- Indices and ranges
- Null-coalescing assignment
- Unmanaged constructed types
- Enhancement of interpolated verbatim strings

## A little bit of history of C#

- C# 1.0 / 1.2 (2002): Modern, object oriented, type-safe programming language
- C# 2.0 (2005): Generics, partial classes, anonymous types, iterators, nullable types, static classes, delegate interface
- C# 3.0 (2007): Implicit types, object/collection initializers, auto-implemented properties, lambda expressions, expression trees, partial methods
- C# 4.0 (2010): Dynamic binding, named and optional arguments, generic covariance and contravariance

## A little bit of history of C# (continued)

- C# 5.0 (2013): Async methods, caller info attributes, tuples
- C# 6.0 (2015): Roslyn, await in catch/finally, auto property initializers, string interpolation, nameof operator, dictionary initializers
- C# 7.0 (2016): Tuples, pattern matching, decomposition, improved out variables, ref returns, local functions, literal improvements

# Status of C# 8.0 (2019)

- Current status: RC (since 16/09/2019)
- Expected release: September 23rd
- Currently supported in:
  - Visual Studio 2019 Preview,
  - dotnet-try CLI

(demo time!)

Just show me!



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# Thanks!

find the code samples here:

<https://github.com/dvroegop/csharp8>

# Alwéér een nieuwe versie? Ja: C# 8.0 onder de loep! door Dennis Vroegop

Geef jouw feedback!

- Gebruik je mobiel  
Ga naar [bit.ly/ct19cs8](https://bit.ly/ct19cs8)
- Of start dit op met de QR code;

