

Novinky v C# 7.0

A čo ste možno o C# nevedeli

Program

- ▶ Úvod
- ▶ Novinky C# 7
- ▶ Pripomenutie C# 6
- ▶ História C# (čo o C# možno neviete)

Historia

C# 1.0

- manage code

C# 2.0

- generics
- partial types
- anonymous methods
- iterators
- nullable types
- static class
- delegate

C# 3.0

- var
- object and collection initializers
- auto-implemented properties
- anonymous types
- extension method
- query expression
- lambda
- partial methods

C# 4.0

- dynamic binding
- named and optional arguments
- generic co- and contravariance

C# 5.0

- await/async
- caller info attributes

C# 6.0

- Roslyn
- static import
- exception filters
- await in catch/finally block
- auto property initializer
- default values for getter-only properties
- expression-bodied members
- null propagator (elvis)
- string interpolation nameof
- dictionary initializer

C# 7

- ▶ Aktuálne podporované vo Visual Studio 2017 (prednáška o 15:30)
- ▶ Literals
- ▶ Expression Bodied Members
- ▶ Out Vars and Ref Returns
- ▶ Tuples
- ▶ Pattern Matching



DEMO

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C# 6

- ▶ Dostupné od Visual Studio 2015
 - ▶ Možnosť kompilovania aj na 2012
- ▶ Roslyn
 - ▶ C# + VB.NET + whitebox compiler
- ▶ Open source
 - ▶ <https://github.com/dotnet/roslyn>
- ▶ Auto-property inicializers
- ▶ Getter-only auto-properties
- ▶ Using static members
- ▶ Index initializer
- ▶ Await in catch/finally
- ▶ Exception filters
- ▶ Expression-bodied members
 - ▶ Elvis
- ▶ String interpolation
- ▶ nameof operátor



zdrojový kód: <https://1drv.ms/f/s!Ap0IC8HIDKA1mKEtorZLHswGLtBL-A>

Otázky

Ďakujem za pozornosť

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