



# What's new in C# 12



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<https://moaid.codes>

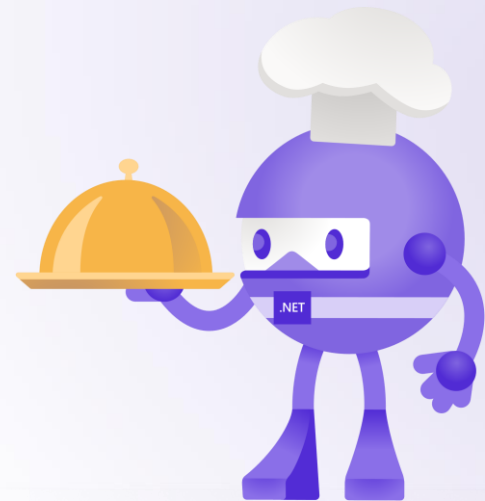
<https://meetup.com/Code-Digest>

[aka.ms/moaid](https://aka.ms/moaid)



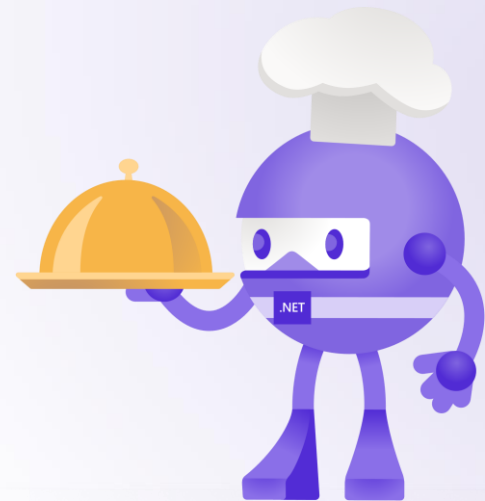
# What's new in C# 12

- Primary Constructors
- Collection expressions
- Inline Arrays
- Optional parameters in Lambda expressions
- ref readonly parameters
- Alias any type
- Experimental attribute
- Interceptors (Preview)



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# About Moaid Hathot



[aka.ms/moaid](https://aka.ms/moaid)

## Moaid Hathot

- Senior software Engineer @  Microsoft

- Ex-Azure MVP



- TechTrain Instructor
  - [aka.ms/techtrain](https://aka.ms/techtrain)



- Co-Founder of Code.Digest();
  - [meetup.com/Code-Digest](https://meetup.com/Code-Digest)



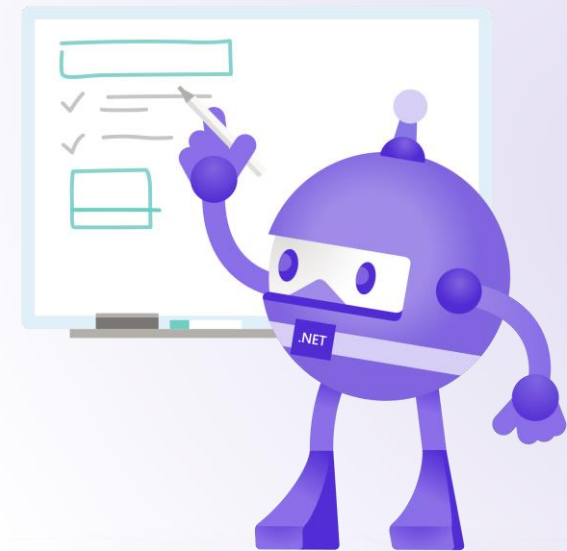
- Co-Founder of ILDC's .NET Bond
  - [aka.ms/dotnetbond](https://aka.ms/dotnetbond)



- Author of `Dumpify`
  - [github.com/MoaidHathot/Dumpify](https://github.com/MoaidHathot/Dumpify)

Name	Value
Name	"Dumpify"
Description	"Dump any object to Console"

- Admin of `Israeli .NET Developers`
  - [facebook.com/groups/DotNetIL](https://facebook.com/groups/DotNetIL)



# Running .NET 8 and C# 12

Install .NET 8

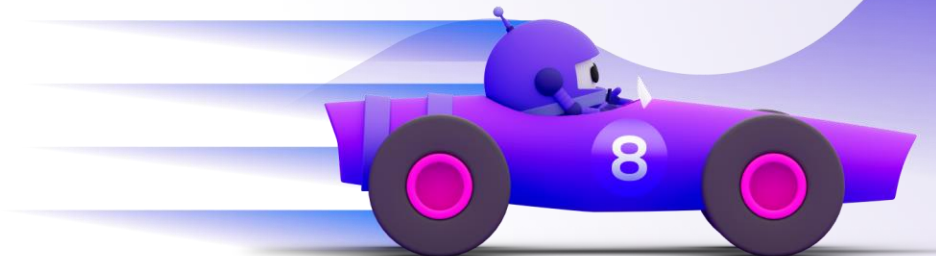
<https://aka.ms/get-dotnet-8>

Visual Studio 2022

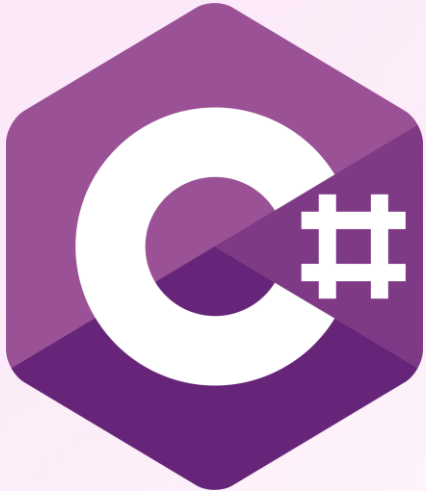
<https://visualstudio.microsoft.com/downloads>

RoslynPad

<https://roslynpad.net>



# Demo



# Resources

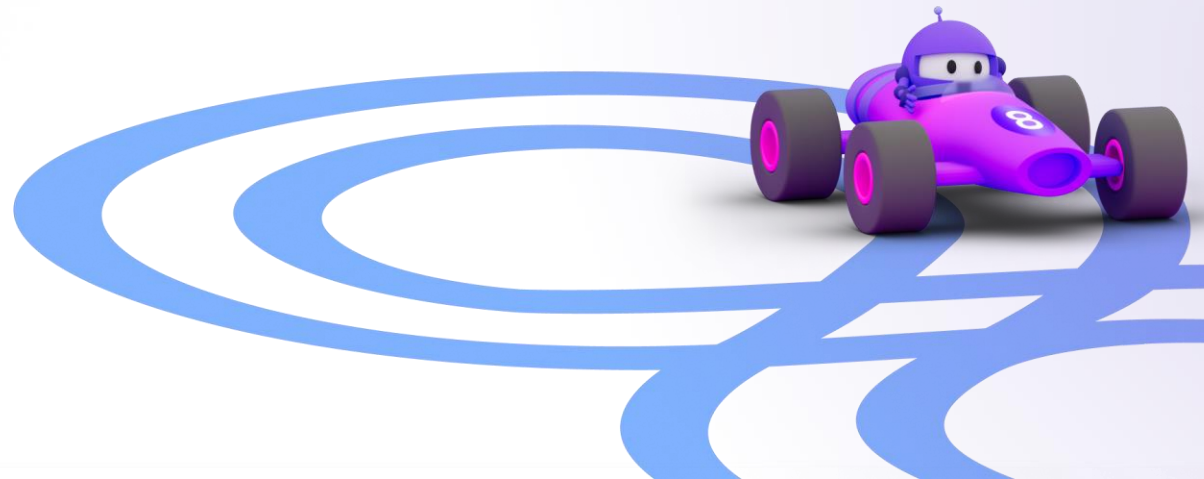
[C# 12 features](#)

[Language Feature status](#)

[C# Github repo](#)

[Sharplab.io](#)

[Session Repo](#)





# Questions?

