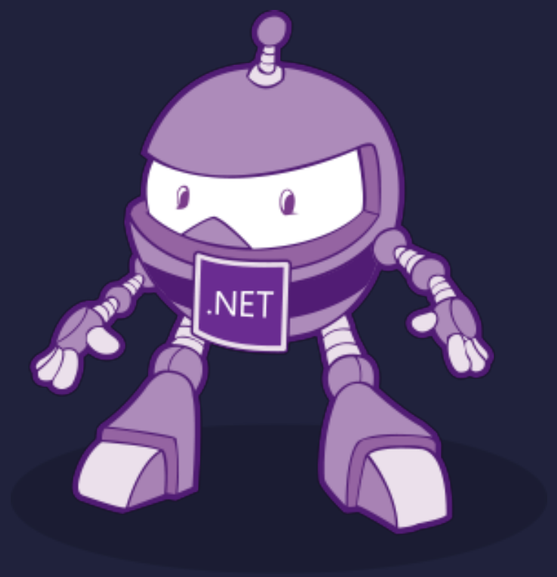
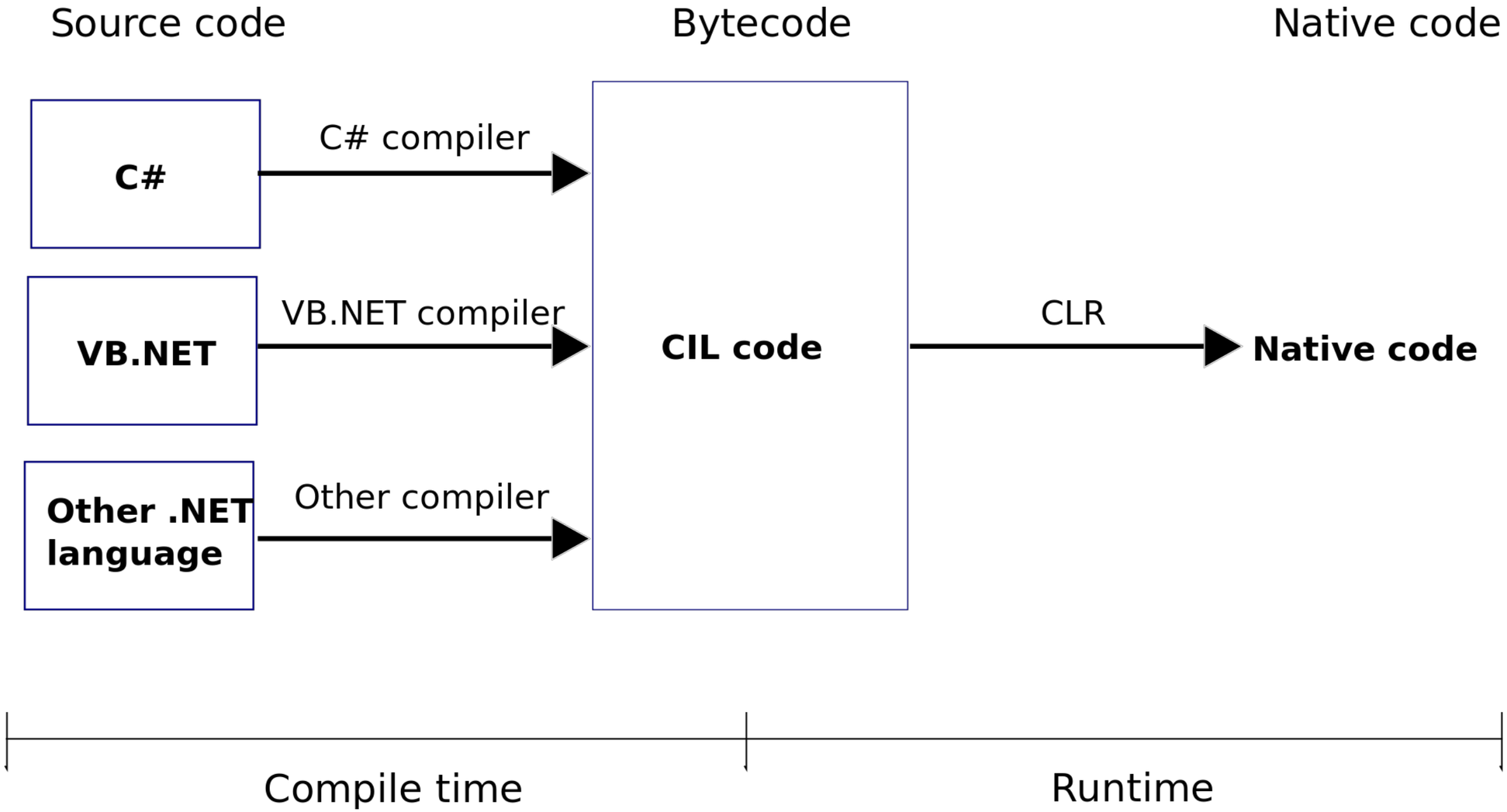


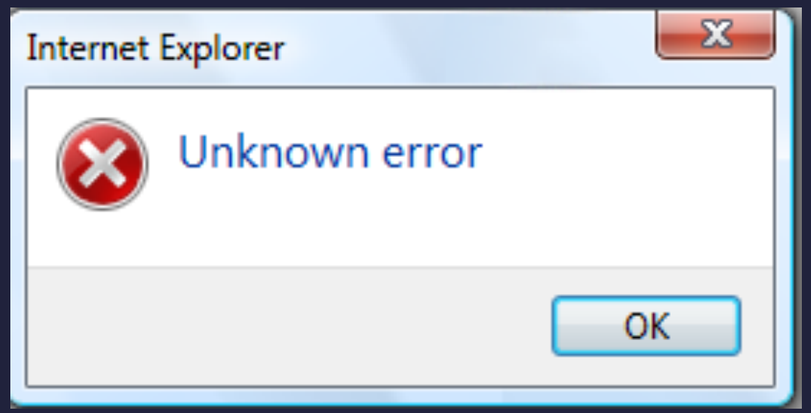
CROSS PLATFORM DEVELOPMENT WITH .NET CORE

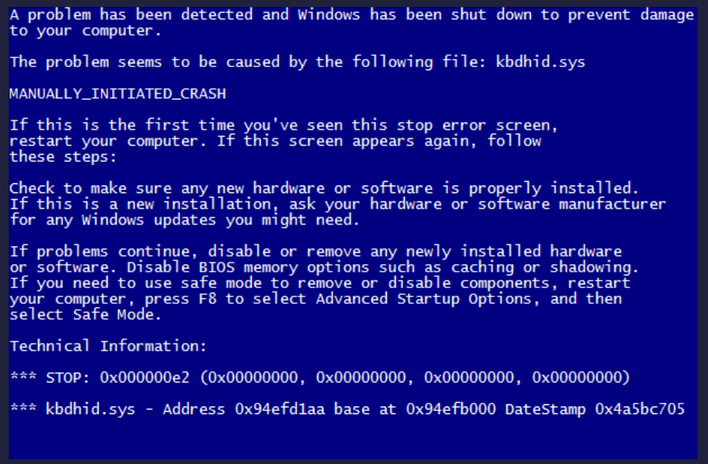
Antoine Hémery
Software Engineer - API Clients

.NET Framework Overview

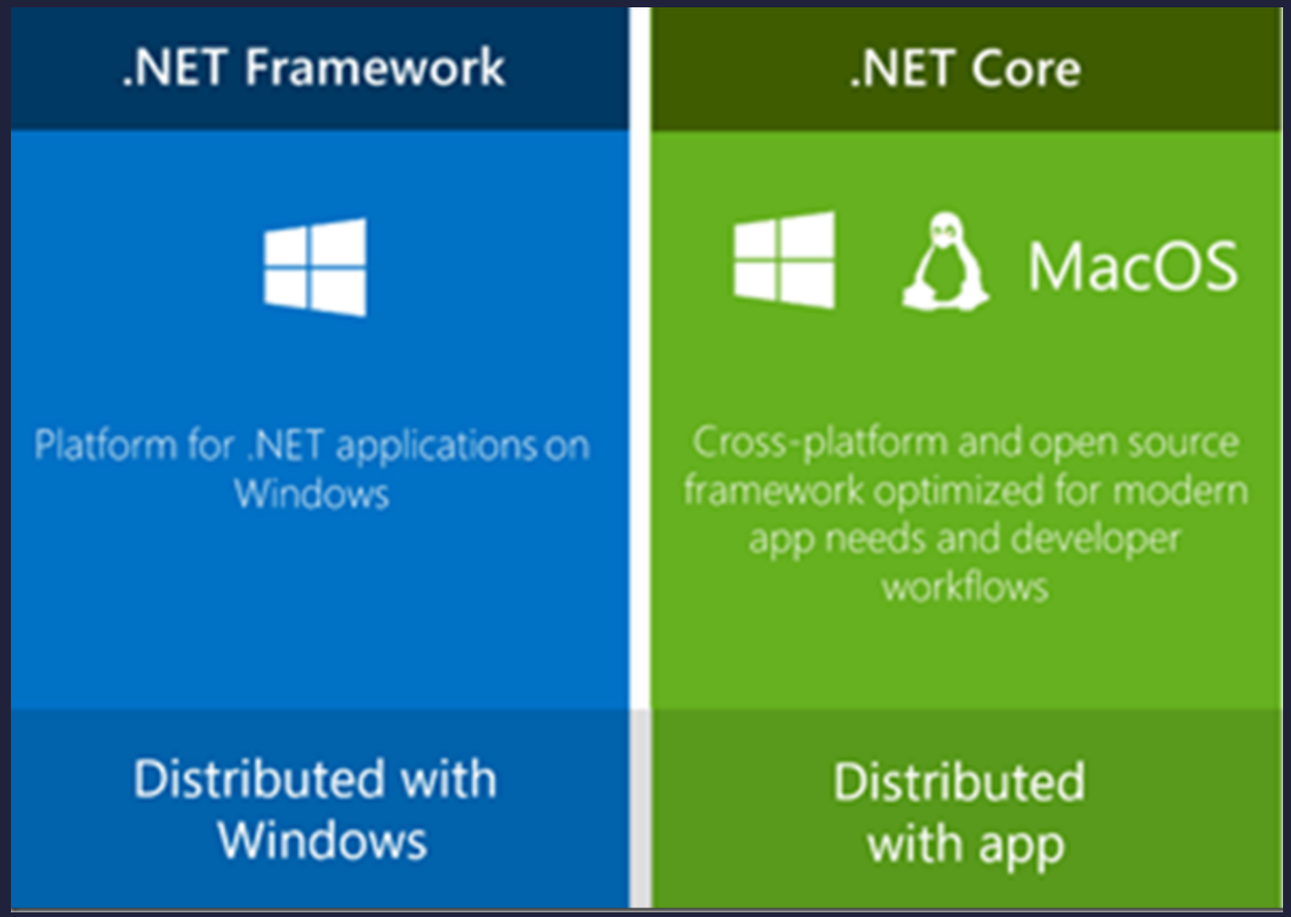

Source code
Bytecode
Native code
C#
C# compiler
VB.NET
VB.NET compiler
Other .NET language
Other compiler
CIL code
CLR
Native code
Compile time
Runtime

What people thinks the .NET Framework is





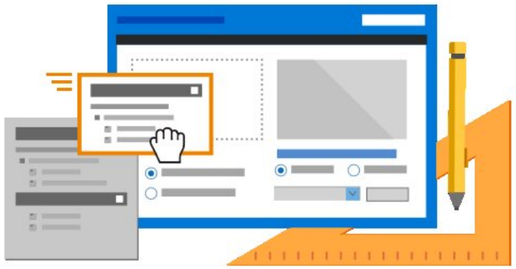
What is .NET Core

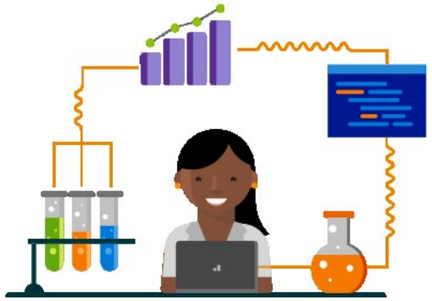


61,000	3700	56	462
CONTRIBUTORS	COMPANIES	ACTIVE PROJECTS	RESOURCES

https://github.com/dotnet

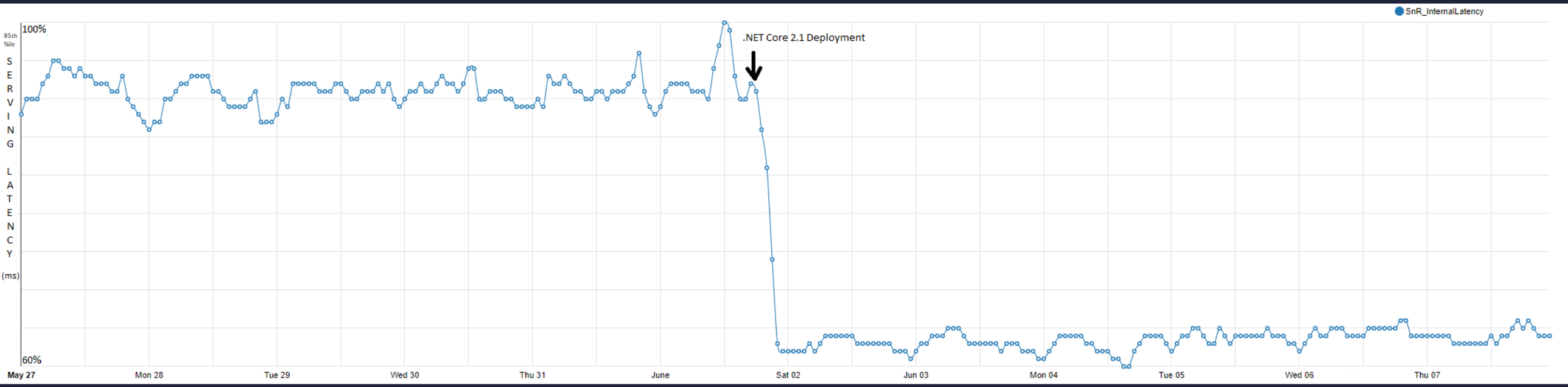
.NET can run: WebApps - Desktop - Games - ML - IOT





.NET Core is used by industry leaders

.NET Core performance - Bing.com



Live coding

🤞 ***Fingers crossed*** 🤞

→ ***1*** .NET CLI and Console app

→ ***2*** .NET Rest API with Algolia library

Console App

What did we learn?

→ ***1*** The .NET CLI

→ ***2*** How to create a .NET console project

→ ***3*** The IL code

→ ***4*** How to decompile a dll

.NET Rest API

What did we learn?

→ ***1*** How to run a .NET WebServer

→ **2** How to use the Algolia C# library in a .NET app

→ ***3*** How to debug .NET on MacOS

Thanks!

QUESTIONS?

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References

→ ***1*** https://blogs.msdn.microsoft.com/dotnet/2018/08/20/bing-com-runs-on-net-core-2-1/

→ ***2*** https://dot.net

→ ***3*** https://github.com/dotnet

→ ***4*** https://dotnetfoundation.org