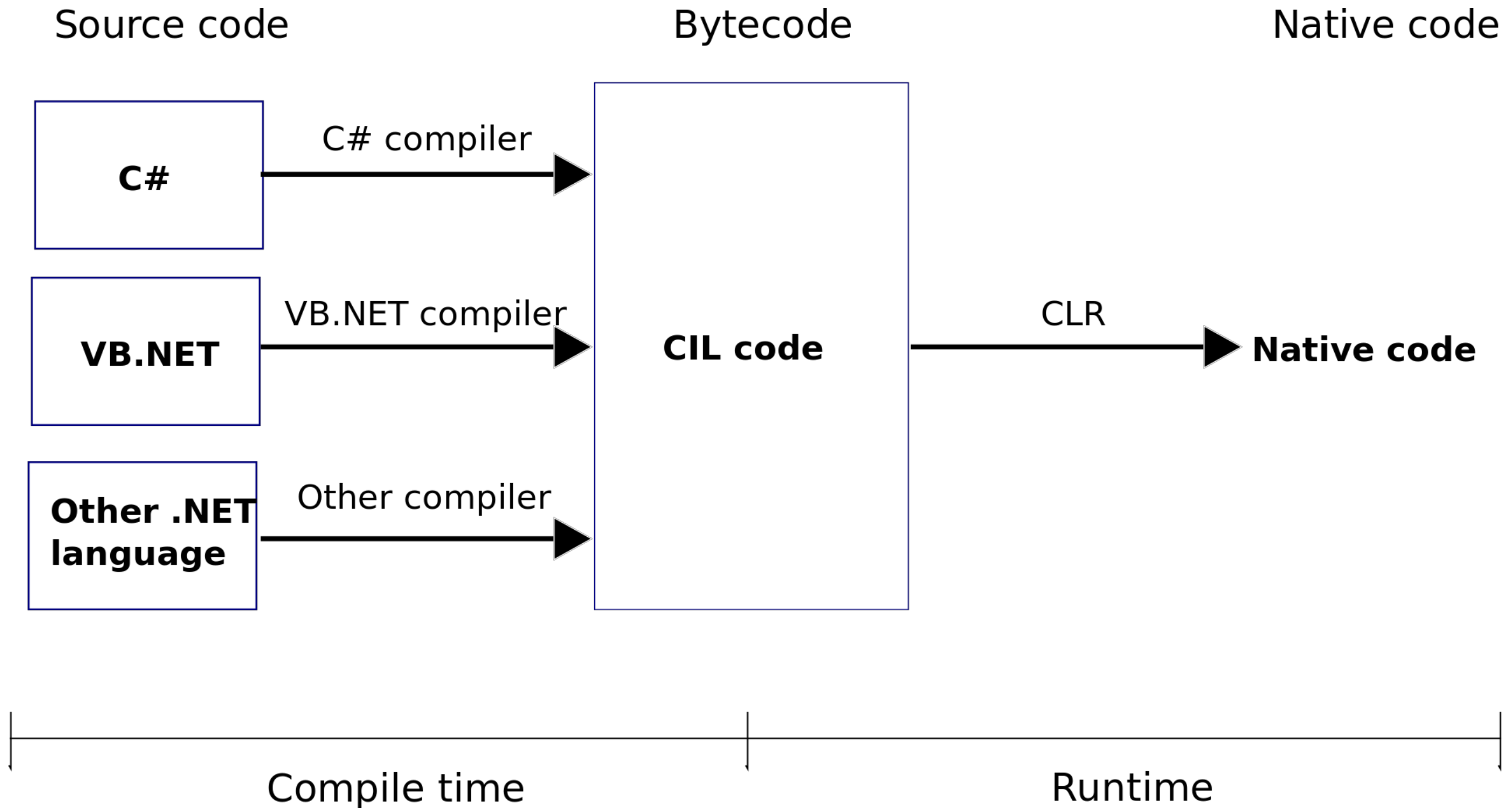


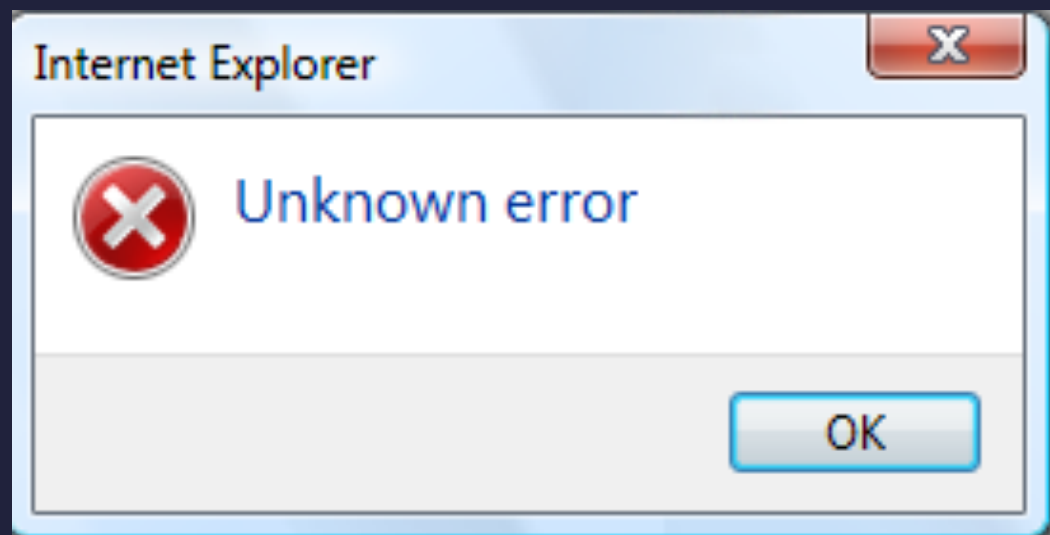
CROSS PLATFORM DEVELOPMENT WITH .NET CORE

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Software Engineer - API Clients

.NET Framework Overview



What people thinks the .NET Framework is



A problem has been detected and Windows has been shut down to prevent damage to your computer.

The problem seems to be caused by the following file: kbdhid.sys

MANUALLY_INITIATED_CRASH

If this is the first time you've seen this stop error screen, restart your computer. If this screen appears again, follow these steps:

Check to make sure any new hardware or software is properly installed. If this is a new installation, ask your hardware or software manufacturer for any Windows updates you might need.




If problems continue, disable or remove any newly installed hardware or software. Disable BIOS memory options such as caching or shadowing. If you need to use safe mode to remove or disable components, restart your computer, press F8 to select Advanced Startup Options, and then select Safe Mode.

Technical Information:

*** STOP: 0x000000e2 (0x00000000, 0x00000000, 0x00000000, 0x00000000)

*** kbdhid.sys - Address 0x94efd1aa base at 0x94efb000 DateStamp 0x4a5bc705

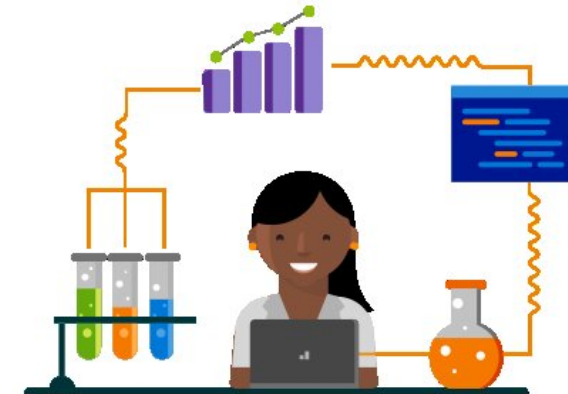
What is .NET Core

.NET Framework	.NET Core
 Platform for .NET applications on Windows	  MacOS Cross-platform and open source framework optimized for modern app needs and developer workflows
Distributed with Windows	Distributed with app



<https://github.com/dotnet>

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



.NET Core is used by industry leaders



stackoverflow



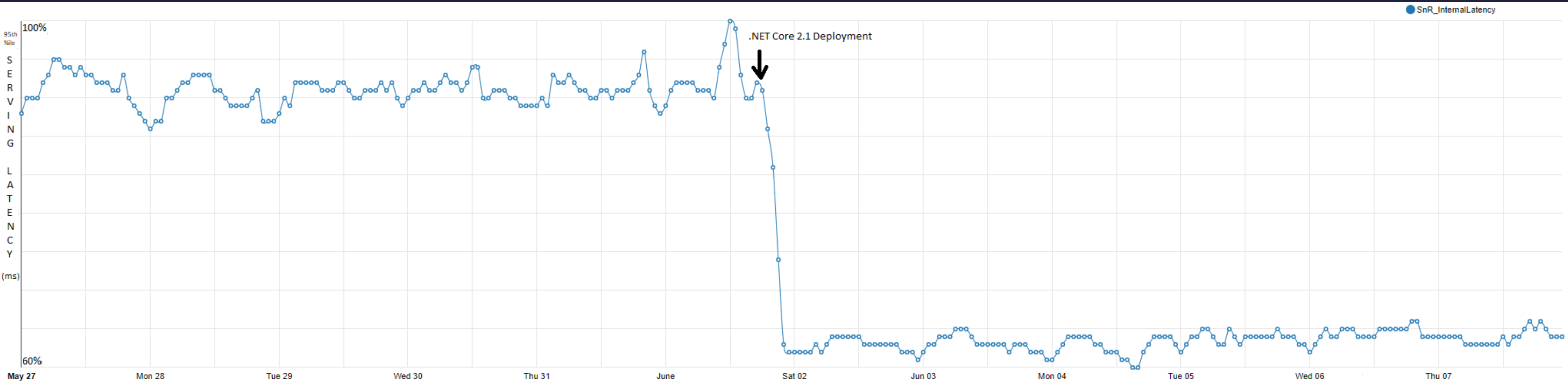
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Healthineers



.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

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- **2** <https://dot.net>
- **3** <https://github.com/dotnet>
- **4** <https://dotnetfoundation.org>