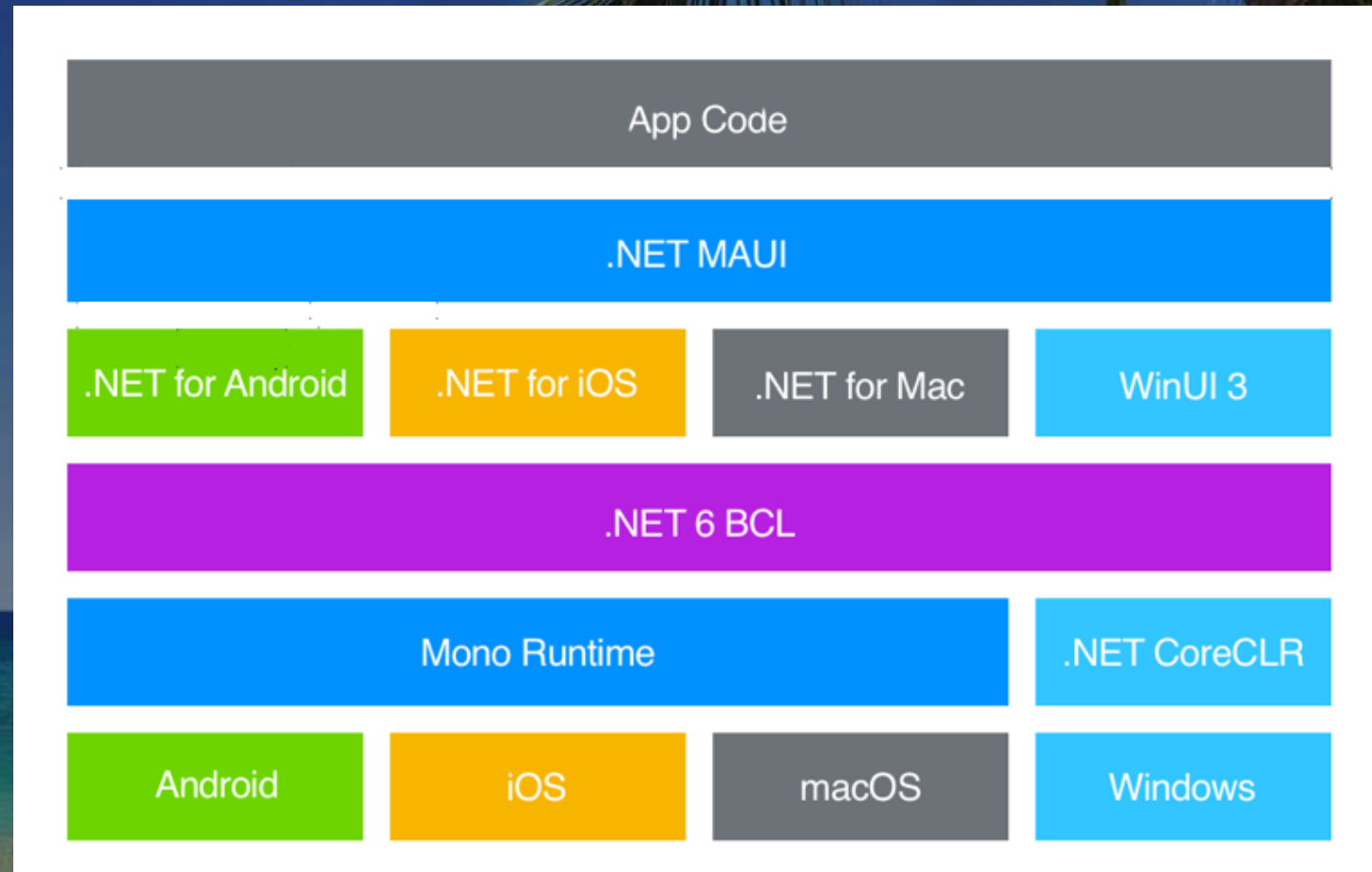


Introduction to .NET MAUI

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How does .NET MAUI work?



Supported Platforms

.NET MAUI

- Android 5.0 (API 21) or higher
- iOS 10 or higher
- MacOS 11.15 or higher (Mac Catalyst)
- Windows 10 v1809 or higher (WinUI)

.NET MAUI Blazor:

- Android 7 (API 24) or higher
- IOS 14 or higher
- MacOS 11 or higher

Tooling to Build .NET MAUI Apps

- .NET 6 or higher
- Visual Studio 2022
- Visual Studio 2022 for Mac v17.4 + XCode 13

Target vs Development Platform

	Android	iOS	Windows	macOS
Windows	✓	✓	✓	✗
macOS	✓	✓	✗	✓

.NET MAUI vs Xamarin

Feature	.NET MAUI	Xamarin
Project Structure	Single project structure for all platforms	Separate projects for each platform
Native controls architecture	Handler - loosely coupled	Renderer - tightly coupled
.NET 6 support	Yes (.NET 6 BCL)	No (.NET Standard Library)
Hot Reload Support	Completely support both .NET and XAML hot reload	.NET hot reload - None XAML hot reload - Partial
Graphics APIs	Yes	No
Blazor apps support	Yes	No
Support Patterns	MVVM, ReactiveUI and MVU (experimental)	MVVM, ReactiveUI
Multiple Windows support	Yes	No

Demo

