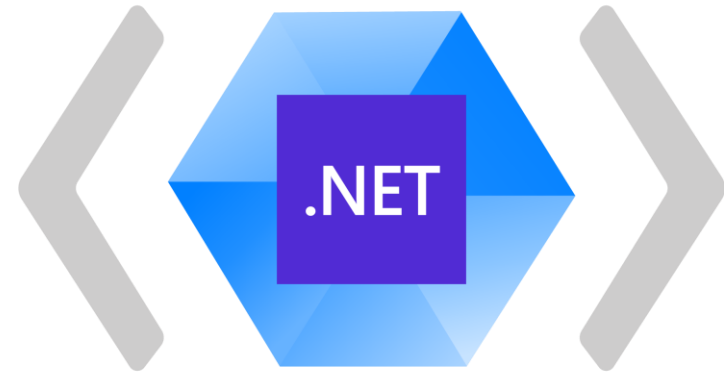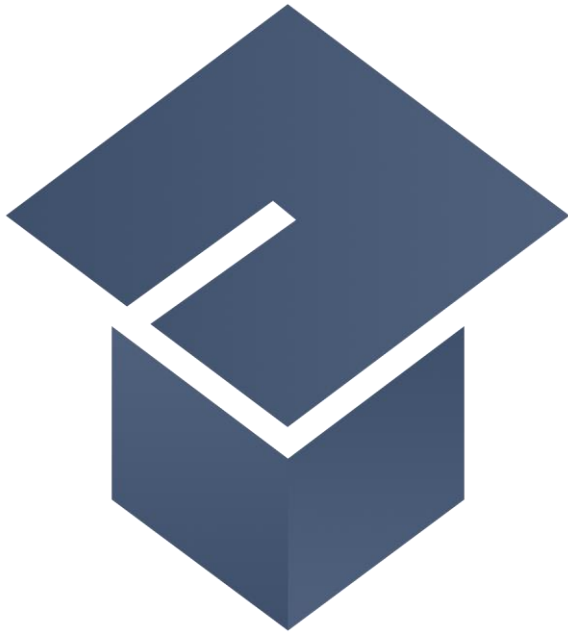# NINE SOFTWARE.

Modern .NET and WPF

Peter Bull

@RoguePlanetoid

About Me

Experienced .NET developer for 20 years using VB.NET, C# and XAML

Developer working on bespoke client solutions at Nine Software

Learn from Tutorials, Talks and Workshops – tutorialr.com

github.com/rogueplanetoid/moderndotnetandwpf

@RoguePlanetoid

.NET

.NET

.NET and C# were both first released twenty years ago

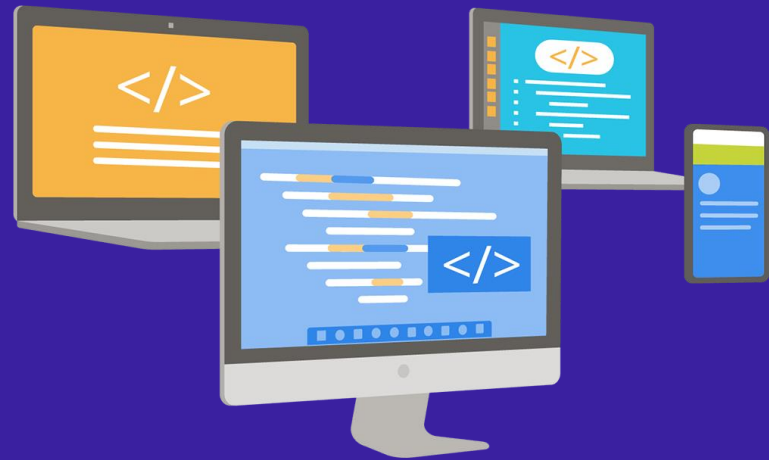.NET is a free and open-source developer platform

.NET 6 available now and .NET 7 in November 2022

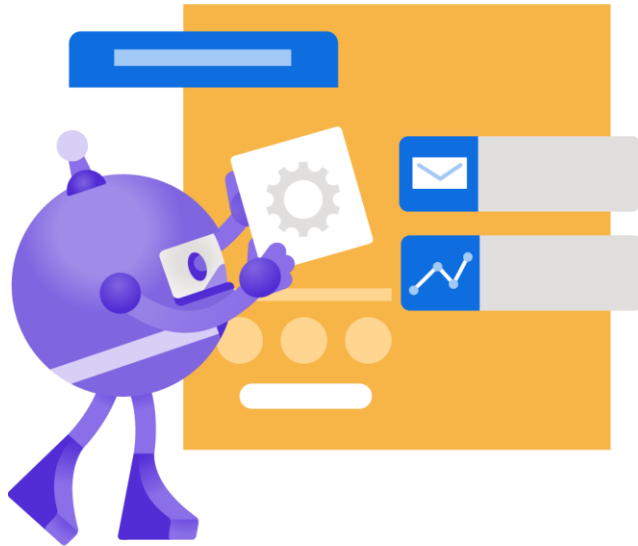Build apps for any device or platform with .NET

dot.net

Modern .NET and WPF

Web
Applications

Modern .NET and WPF

ASP.NET

ASP.NET for web applications and services with .NET and C#

Scalable and faster than other popular web frameworks

ASP.NET Web Apps with MVC and Razor Pages

ASP.NET Web APIs and Minimal APIs

asp.net

Web Applications

.NET

Blazor

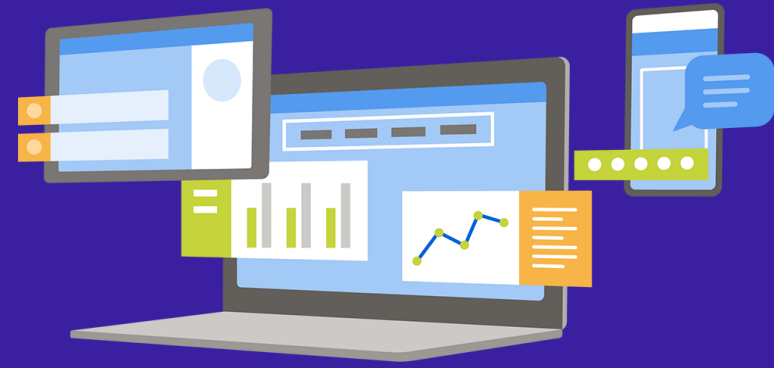Blazor allows you to build client web applications using C#

Create interactive web user interfaces without JavaScript

Run code client-side or server-side with Blazor

Build native applications with Blazor Hybrid

blazor.net

Web Applications

.NET

Cross-Platform Applications

Modern .NET and WPF

Avalonia

Avalonia for high-fidelity write once, run anywhere applications

Leverage WPF skills and bring applications cross-platform

Develop applications in Visual Studio or JetBrains Rider

Create applications for many platforms

avaloniaui.net

Cross-Platform Applications

.NET

Uno Platform

Uno Platform for multi-platform applications using C# and XAML
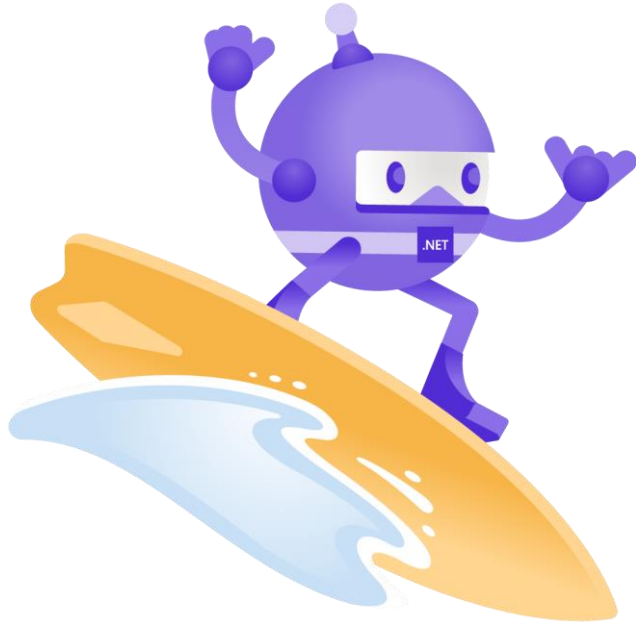
Leverage C# and XAML skills to modernise apps with WinUI

Develop applications using your preferred IDE

Target major operating systems or browsers

platform.uno

Cross-Platform Applications

.NET MAUI

.NET MAUI for cross-platform desktop and mobile apps with C#
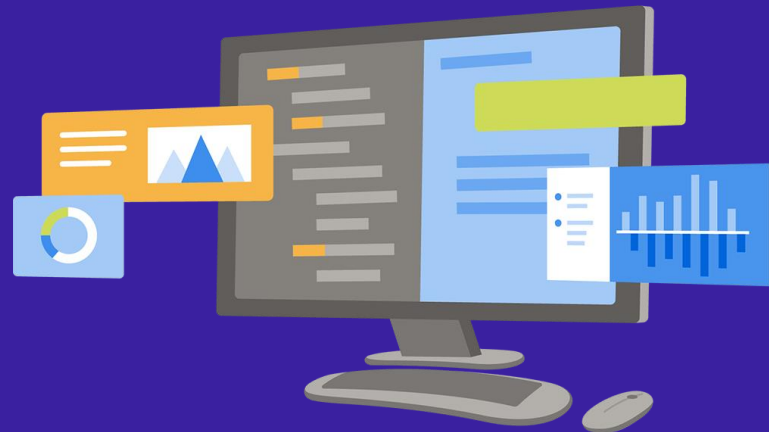
Leverage Xamarin skills and build modern applications

Build native applications or create hybrid experiences

Support creating cross-platform applications
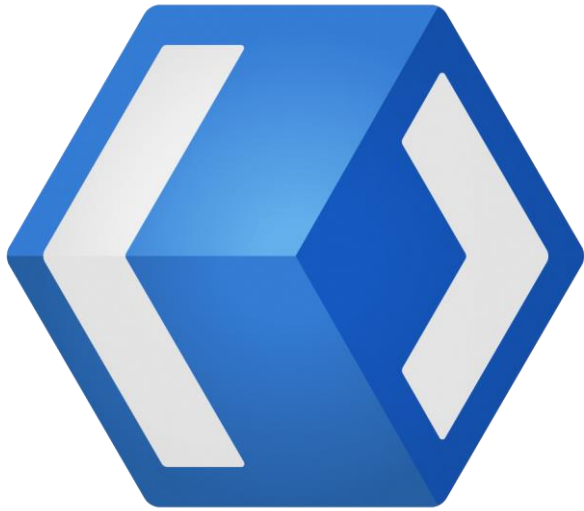
dotnet.microsoft.com/apps/maui

Cross-Platform Applications

.NET

Windows Applications

Modern .NET and WPF

Windows App SDK

Windows App SDK to create the next evolution of Windows apps
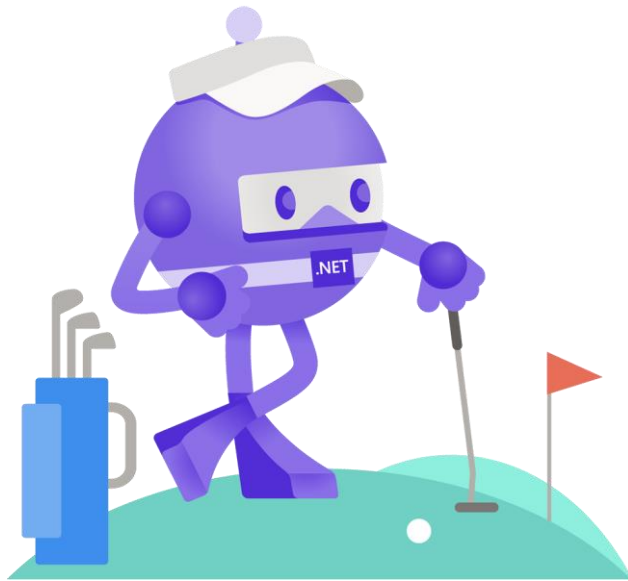
Take your UWP knowledge and apps to the next level

Build native applications for Windows with WinUI

Rapidly evolving platform features

learn.microsoft.com/windows/apps/windows-app-sdk

.NET

Windows Forms

Windows Forms has been part of .NET since the start in 2002

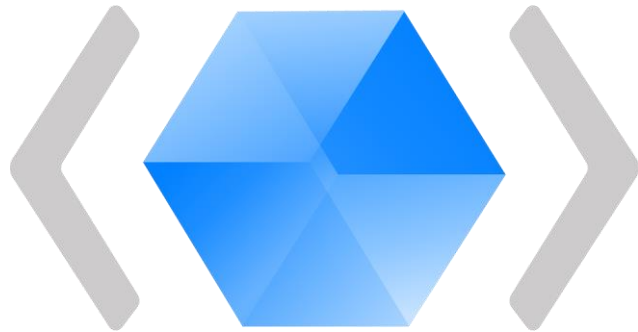Bring your existing skills and apps to the open-source era

Build native applications or create hybrid experiences

Target latest and greatest or down level if needed

learn.microsoft.com/dotnet/desktop/winforms

Windows Applications

.NET

Windows Presentation Foundation

Windows Presentation Foundation introduced XAML to .NET

Update applications and support latest platform features

Build native applications or create hybrid experiences

Why choose Windows Presentation Foundation?
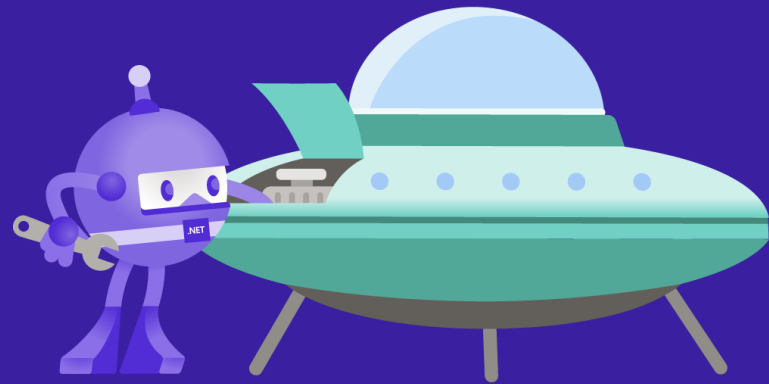
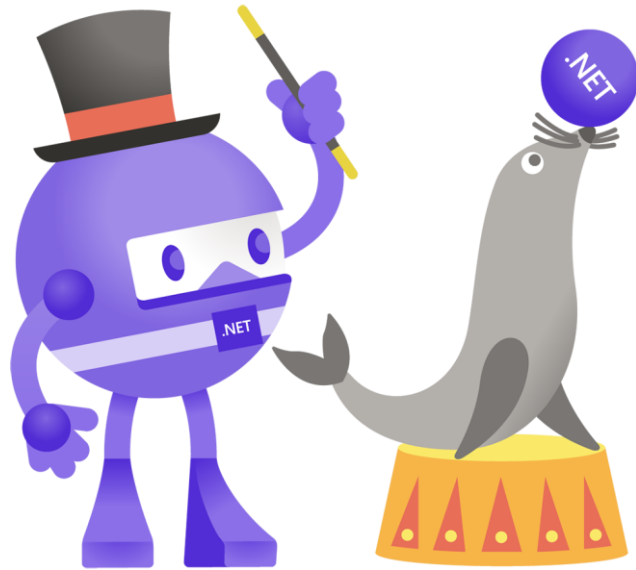learn.microsoft.com/dotnet/desktop/wpf

.NET

Wpf Notes
Demo

Modern .NET and WPF

Not what you were expecting?

Modern .NET and WPF

.NET

Summary

Modern .NET allows you to create the latest and greatest experiences

Web applications with ASP.NET or Blazor including hybrid apps

Cross Platform with Avalonia, Uno Platform and .NET MAUI

Windows App SDK, Windows Forms and WPF on Windows

Windows Presentation Foundation can still bring surprises

Modern .NET and WPF

Any Questions?

tutorialr.com   thecyberhelpline.com

github.com/rogueplanetoid/moderndotnetandwpf

dot.net   asp.net   blazor.net

avaloniaui.net   platform.uno

dotnet.microsoft.com/apps/maui

learn.microsoft.com/windows/apps/windows-app-sdk

learn.microsoft.com/dotnet/desktop/winforms

learn.microsoft.com/dotnet/desktop/wpf

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