Take a Note of XAML with .NET 8

Peter Bull

.NET Notts

.NET

Cloud

Web

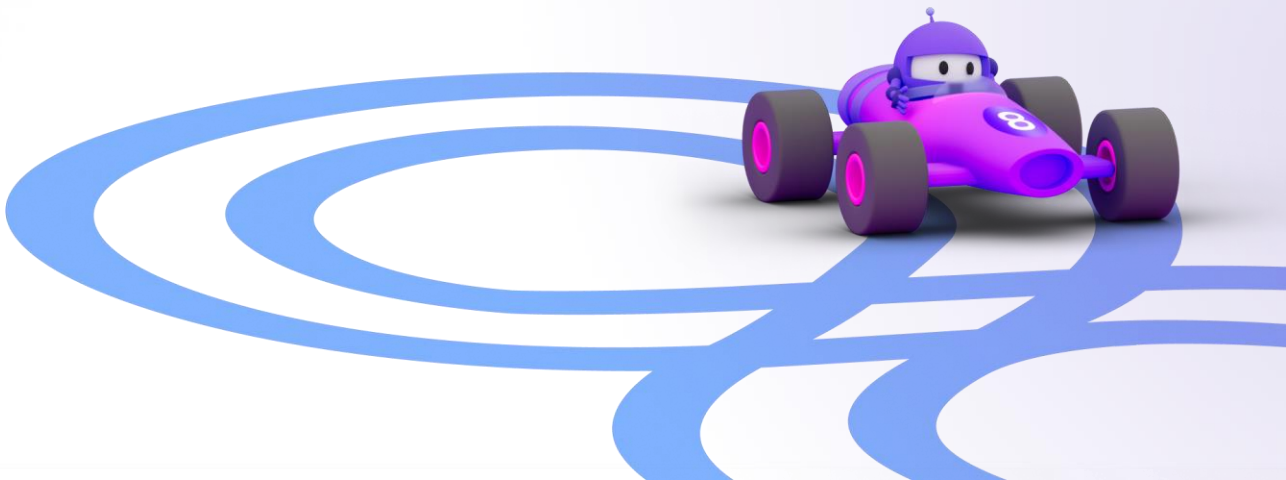
Desktop

Mobile

Gaming

IoT

AI



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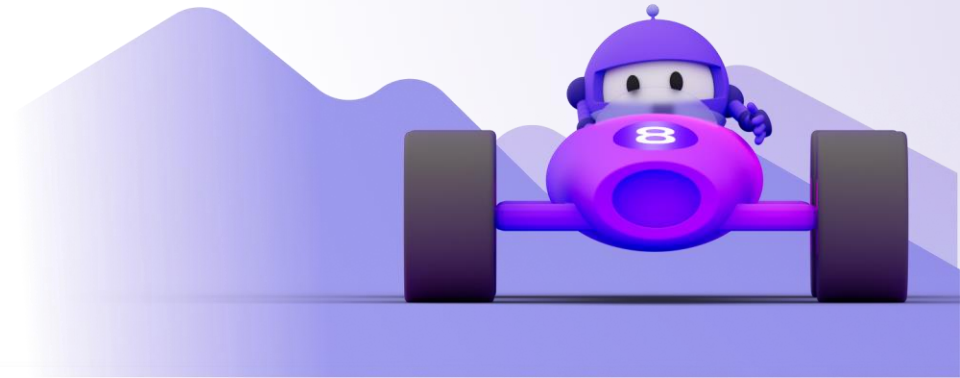
.NET 8 & C# 12

Enhanced Performance

Primary Constructors

Collection Initialisers



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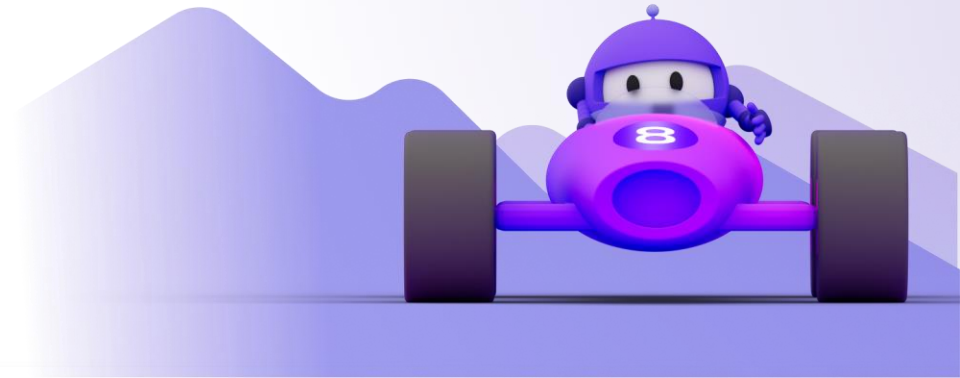
XAML

Language

Decouple

Binding



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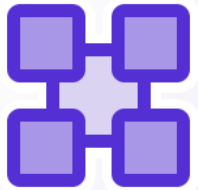
XAML & .NET Platforms

Windows
Presentation
Foundation

Windows
App SDK



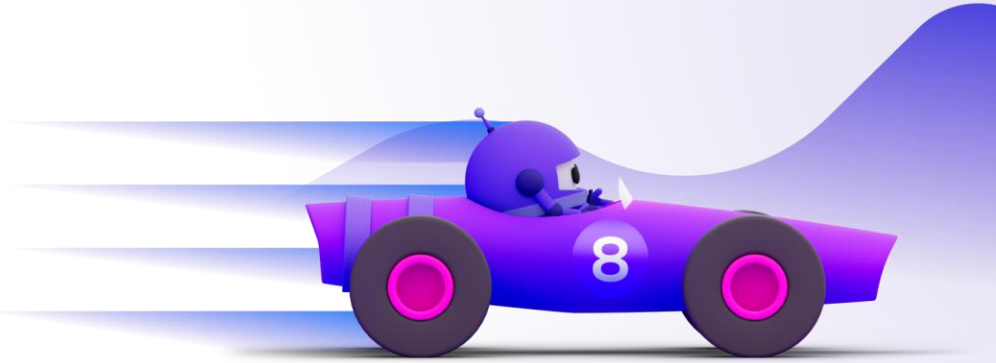
.NET MAUI

XAML & .NET Alternatives

Uno
Platform

Avalonia
UI

OpenSilver



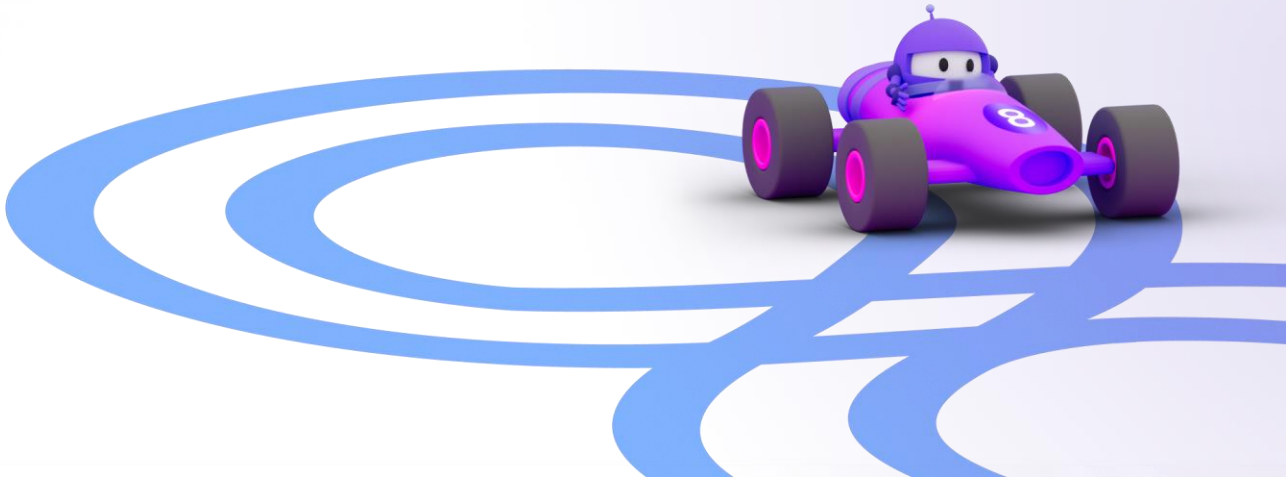
XAML & .NET Toolkits

Comentsys Toolkit

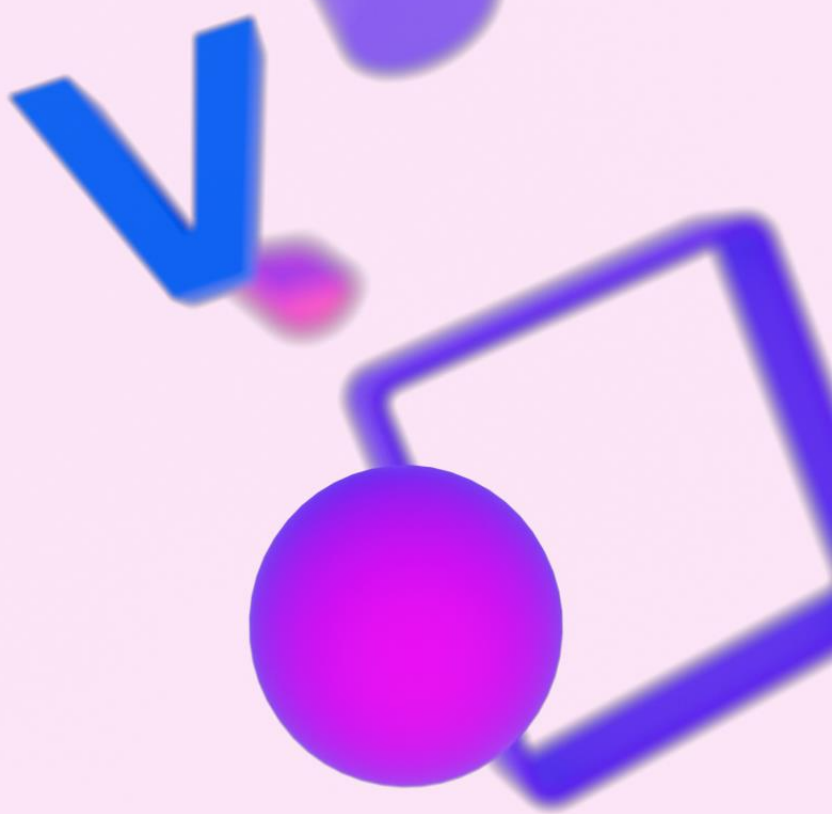
Modern WpfUi

Windows Community Toolkit

.NET MAUI Community Toolkit



Windows Presentation Foundation



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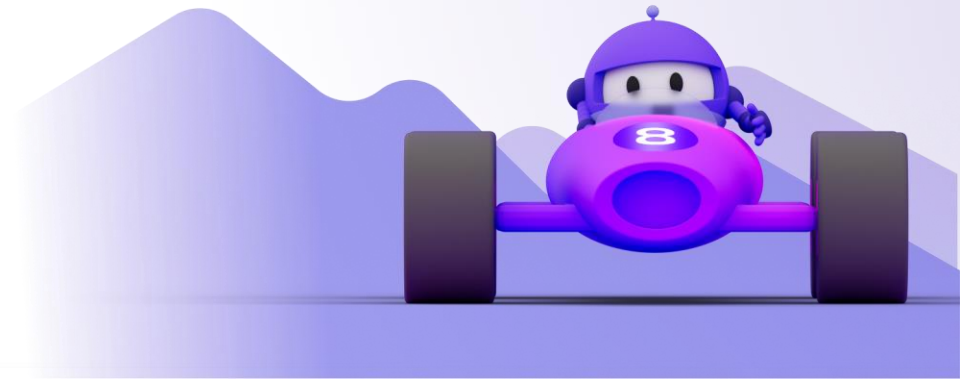
Features

Design

Media

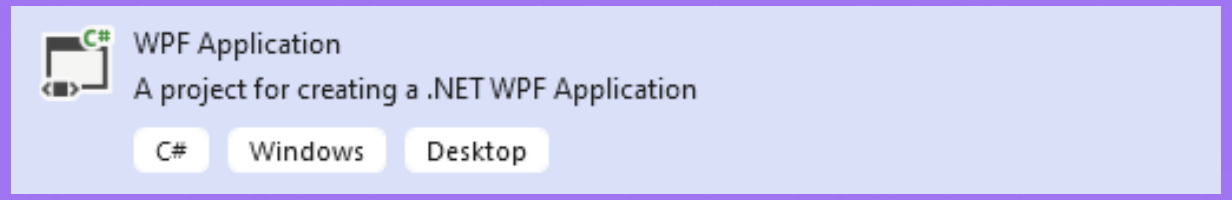
Hybrid



Windows Presentation Foundation

Windows Presentation Foundation (WPF Application)

Desktop




```
<ItemsControl ItemsSource="{Binding Notes}"
ItemTemplate="{StaticResource NoteTemplate}">
    <ItemsControl.ItemsPanel>
        <ItemsPanelTemplate>
            <WrapPanel Orientation="Horizontal" />
        </ItemsPanelTemplate>
    </ItemsControl.ItemsPanel>
</ItemsControl>
```

github.com/dotnet/wpf

Windows Presentation Foundation

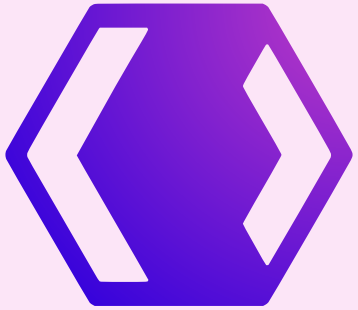
RELEASED

IDS CryScan

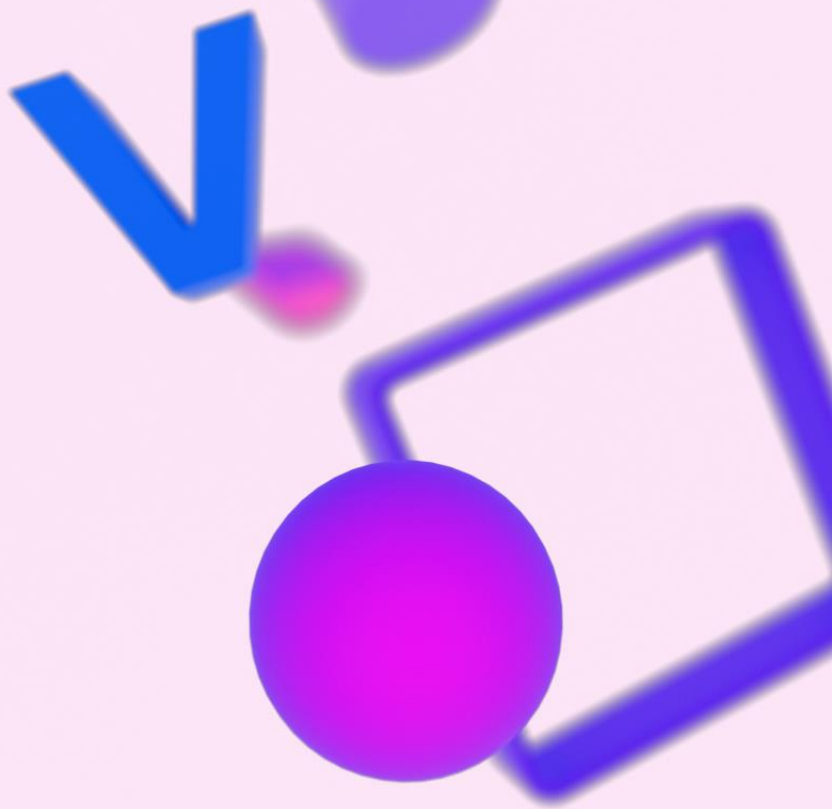
- Configuration Data
- Scanner Input
- File Output

Windows Presentation Foundation

IDS & IDS CryScan are the property and trademarks of immunodiagnosticsystems



Windows App SDK



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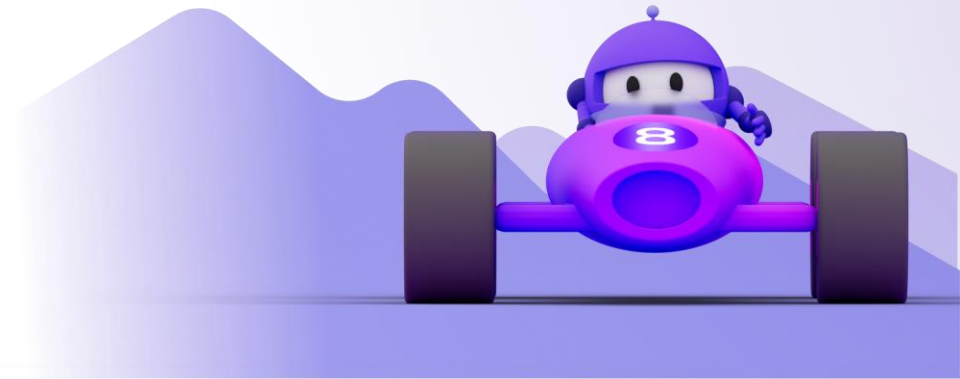
Features

Fluent

APIs

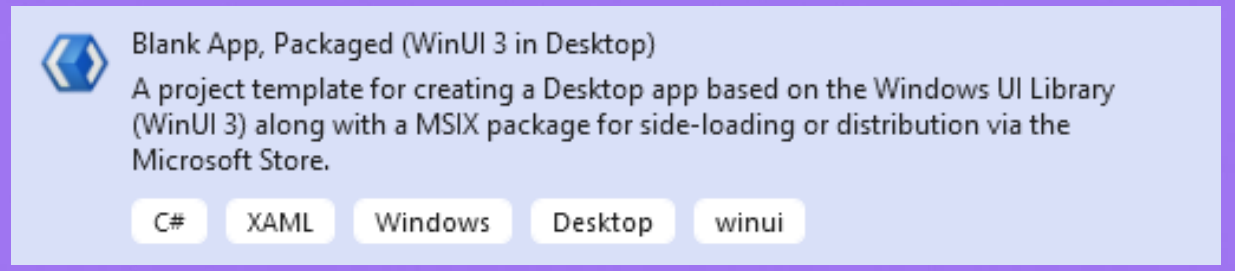
Widgets



Windows App SDK

Windows App SDK (Win UI 3 in Desktop)

Desktop




```
<ItemsControl Grid.Row="1" Margin="10"
    ItemsSource="{Binding Notes}"
    ItemTemplate="{StaticResource NoteTemplate}">
    <ItemsControl.ItemsPanel>
        <ItemsPanelTemplate>
            <ItemsWrapGrid Orientation="Horizontal" />
        </ItemsPanelTemplate>
    </ItemsControl.ItemsPanel>
</ItemsControl>
```

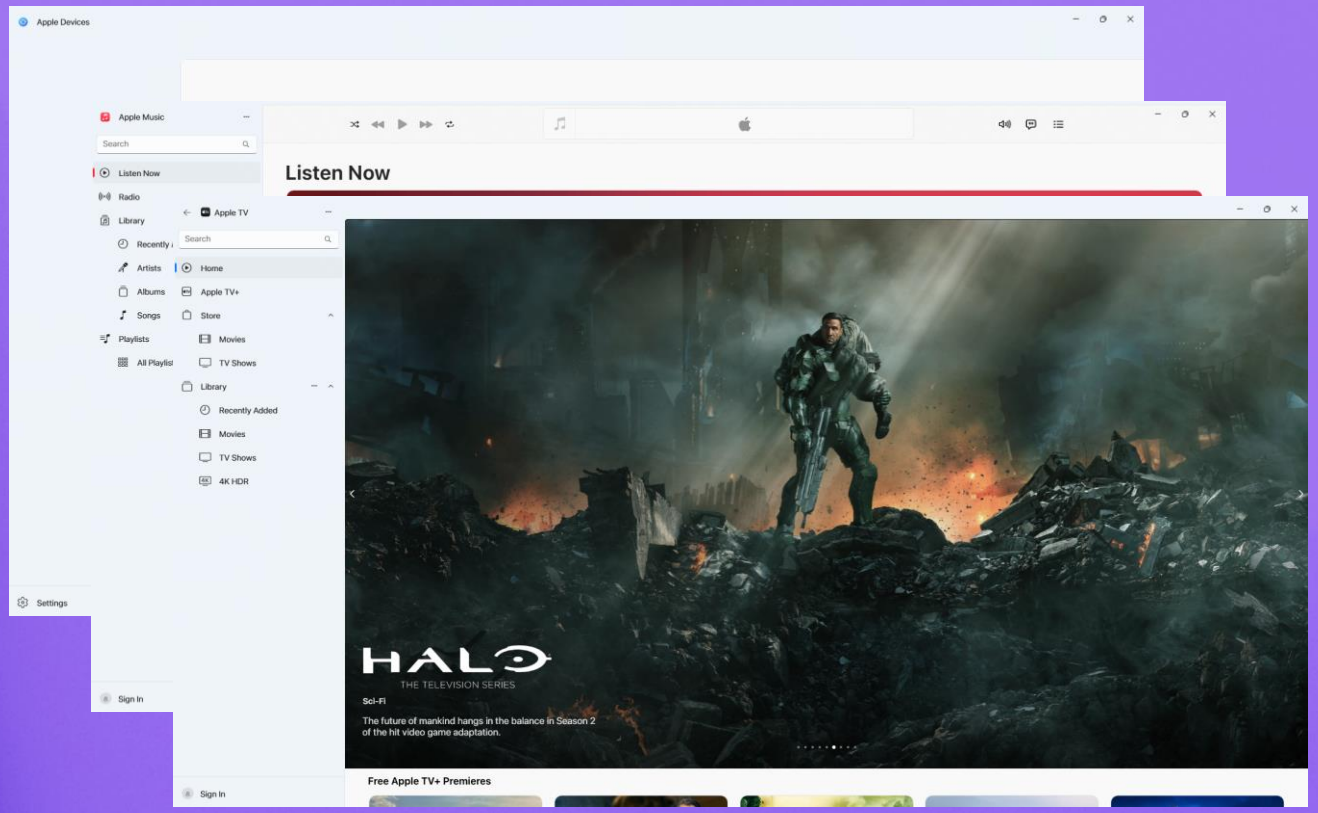
github.com/microsoft/WindowsAppSDK

Windows App SDK

RELEASED

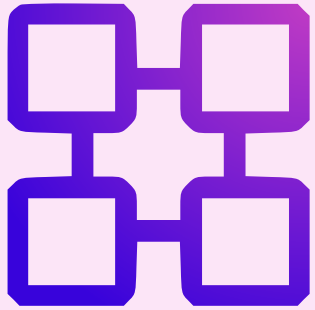
Apple Apps

- Apple Devices
- Apple Music
- Apple TV

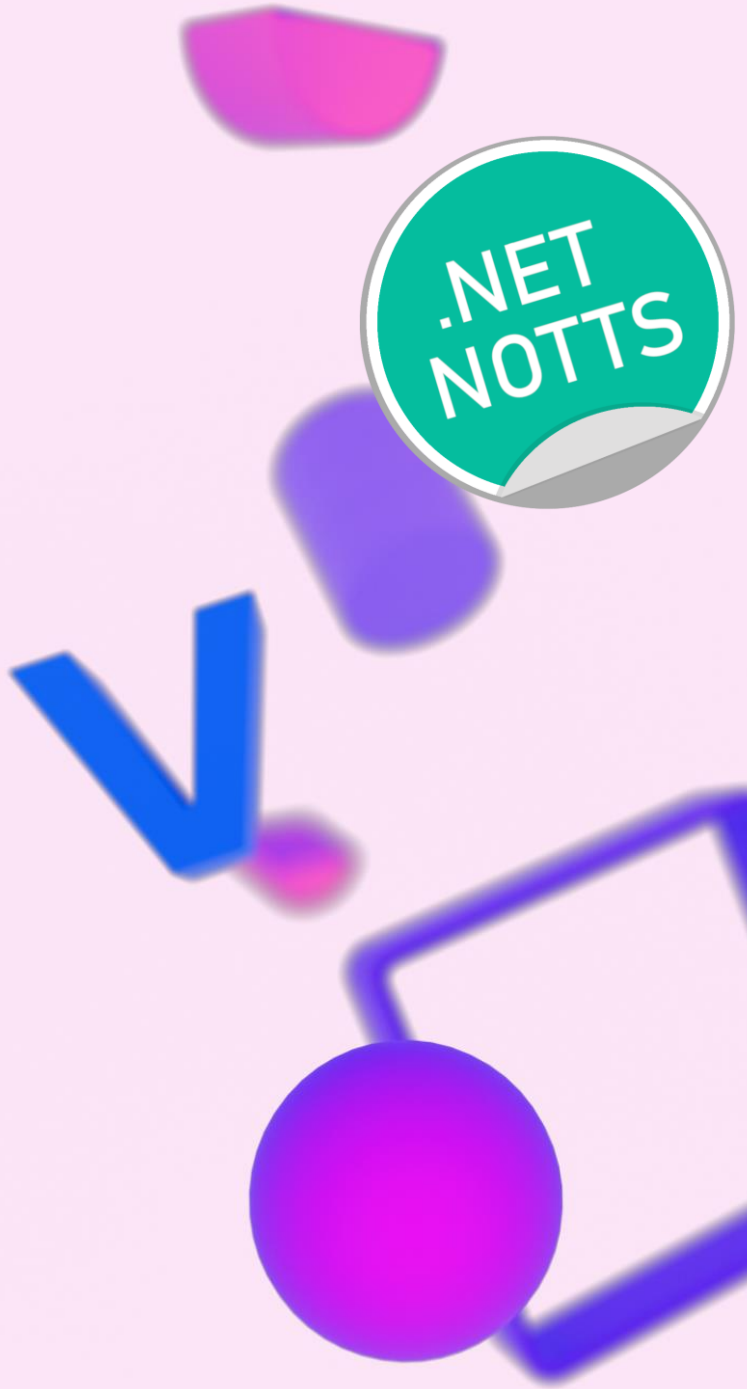


Windows App SDK

Apple Devices, Apple Music & Apple TV are the property of Apple



.NET MAUI



Take a Note of XAML with .NET 8

Features

Reload

Platform

Native

.NET MAUI
(.NET MAUI App)

Desktop

Mobile

.NET MAUI App

A project for creating a .NET MAUI application for iOS, Android, Mac Catalyst, WinUI and Tizen

C# Android iOS Mac Catalyst macOS MAUI Tizen Windows

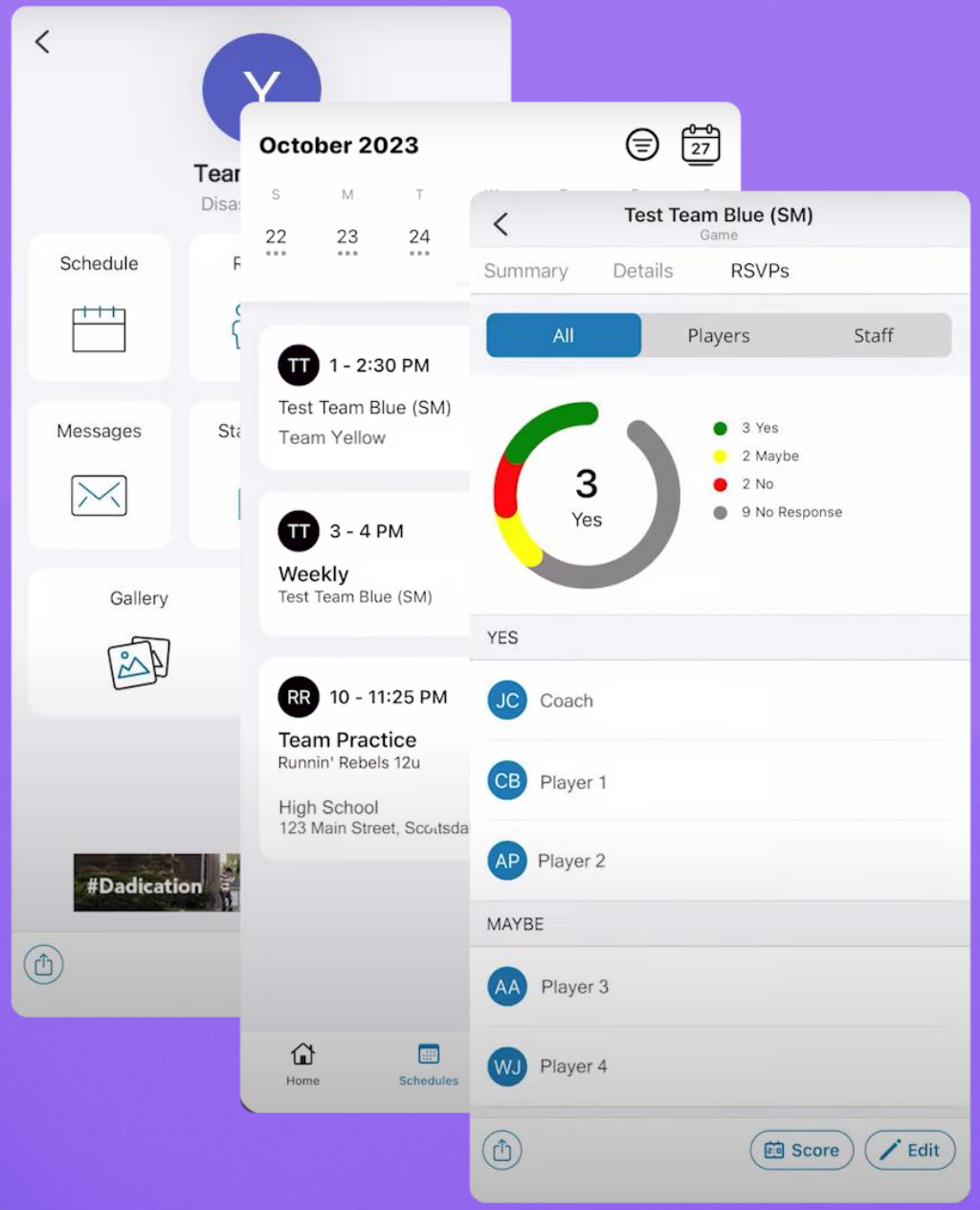
```
<FlexLayout Wrap="Wrap"
BindableLayout.ItemsSource="{Binding Path=Notes}"
BindableLayout.ItemTemplate="{DynamicResource NoteTemplate}"/>
```

github.com/dotnet/maui

RELEASED

Sports Engine

- Team Management
- Events Scheduling
- Check Attendance



.NET MAUI

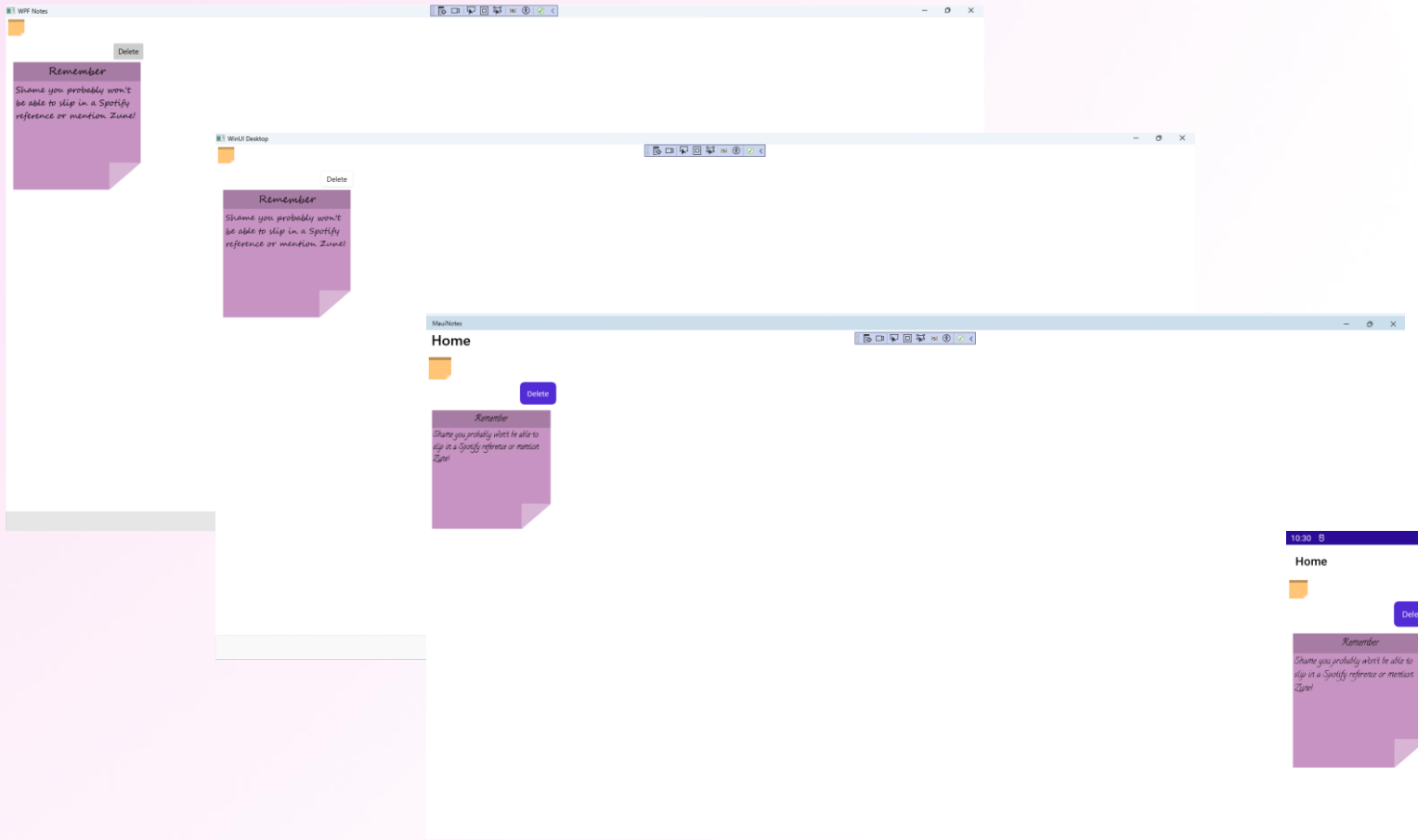
NBC Sports Engine - youtube.com/watch?v=TnL2_dDai3E

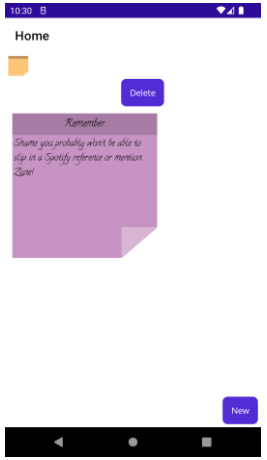
Demo

XAML Notes

Take a Note of XAML with .NET 8

XAML Notes





Take a Note of XAML with .NET 8

Overview

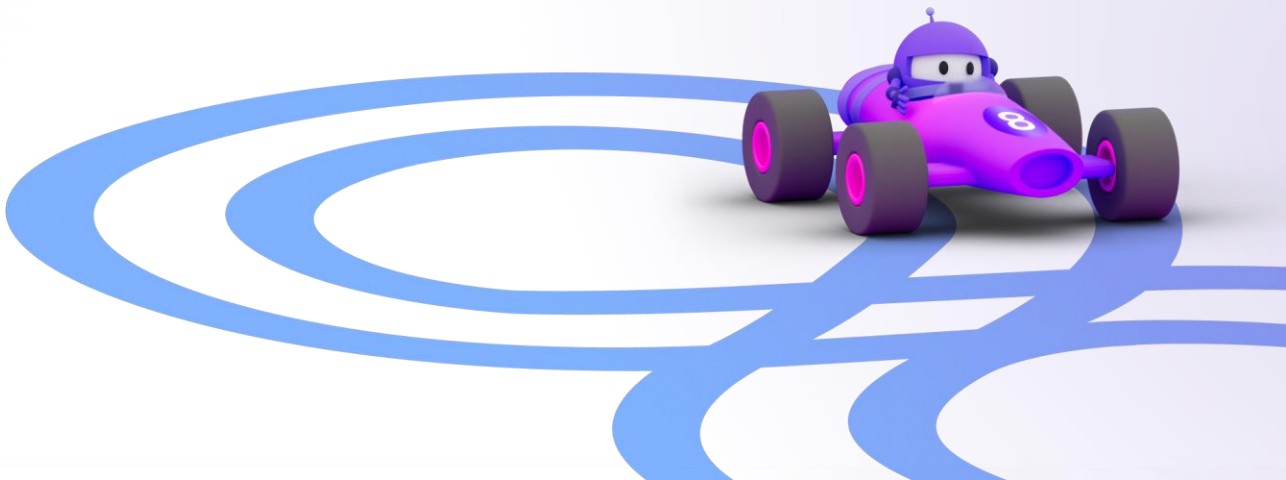
Build modern apps & services for any platform with .NET 8

Create decoupled & data rich applications using XAML

Windows Presentation Foundation for Windows 7 - 11

Windows App SDK for Windows 10 - 11

.NET MAUI for cross-platform apps



Take a Note of XAML with .NET 8

Peter Bull

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Posts, Articles & Podcast – rogueplanetoid.com

Tutorials, Talks & Workshops – tutorialr.com

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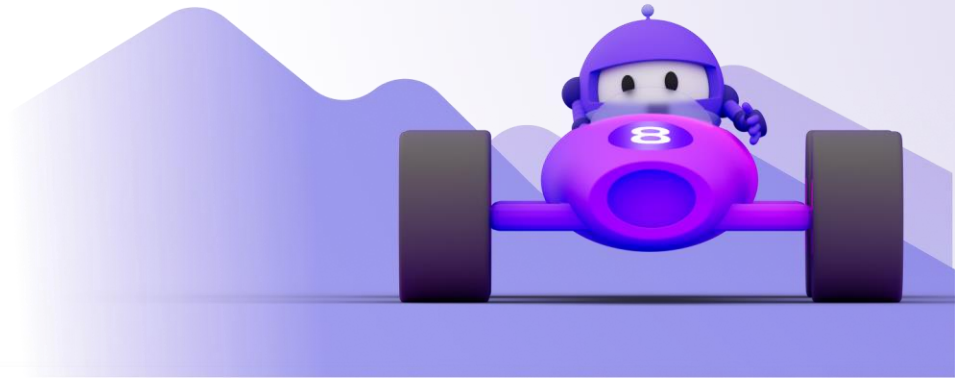
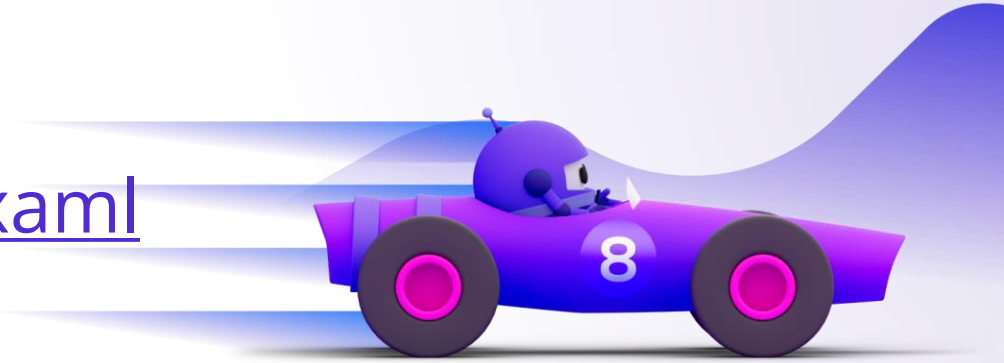
GitHub – github.com/rogueplanetoid



Any Questions?

Windows Presentation Foundation
github.com/dotnet/wpf

Windows App SDK
github.com/microsoft/WindowsAppSDK

.NET MAUI
github.com/dotnet/maui

Slides & Code
github.com/rogueplanetoid/takeanoteofxaml