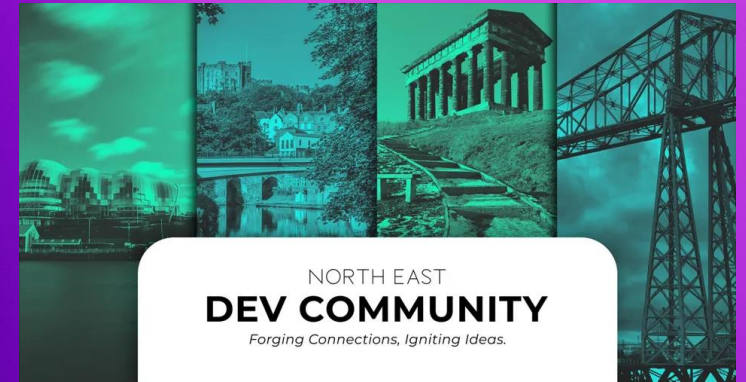


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Peter Bull

North East Dev Community



# .NET



Cloud



Web



Desktop



Mobile



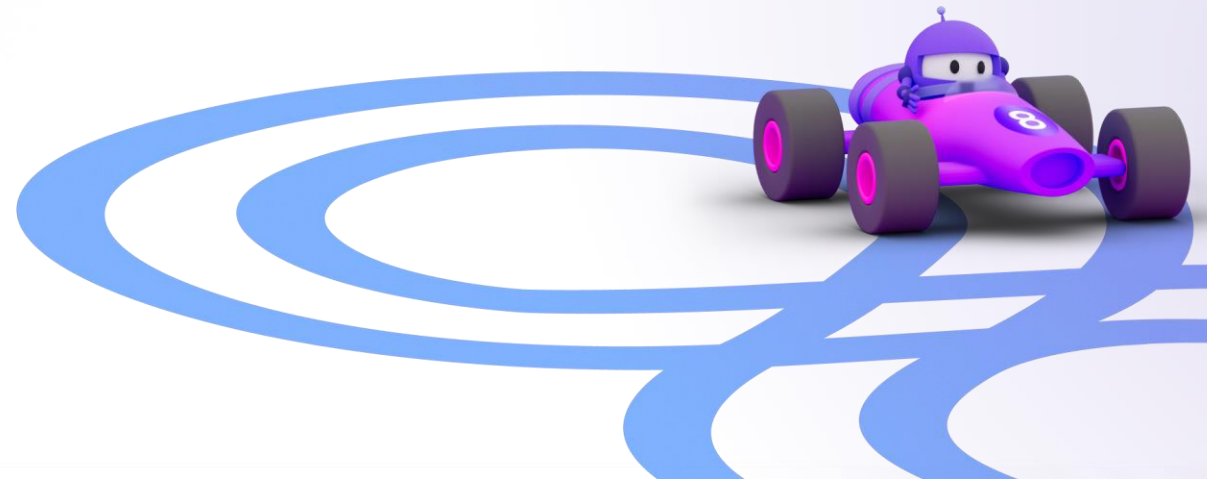
Gaming



IoT



AI

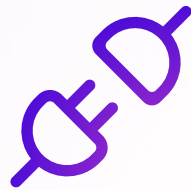


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# XAML



Language

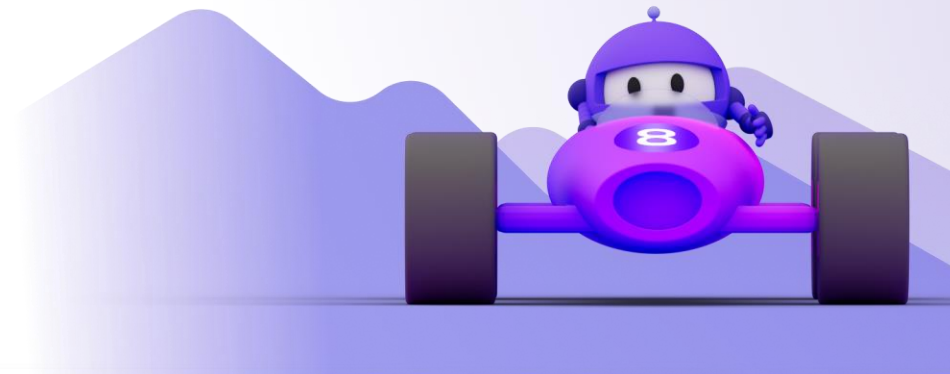


Decouple



Binding

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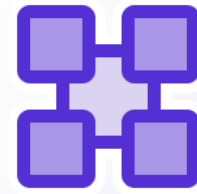
# XAML & .NET Platforms



Windows  
Presentation  
Foundation



Windows  
App SDK



.NET MAUI

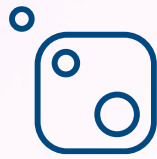
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# XAML & .NET Toolkits



Comentsys  
Toolkit



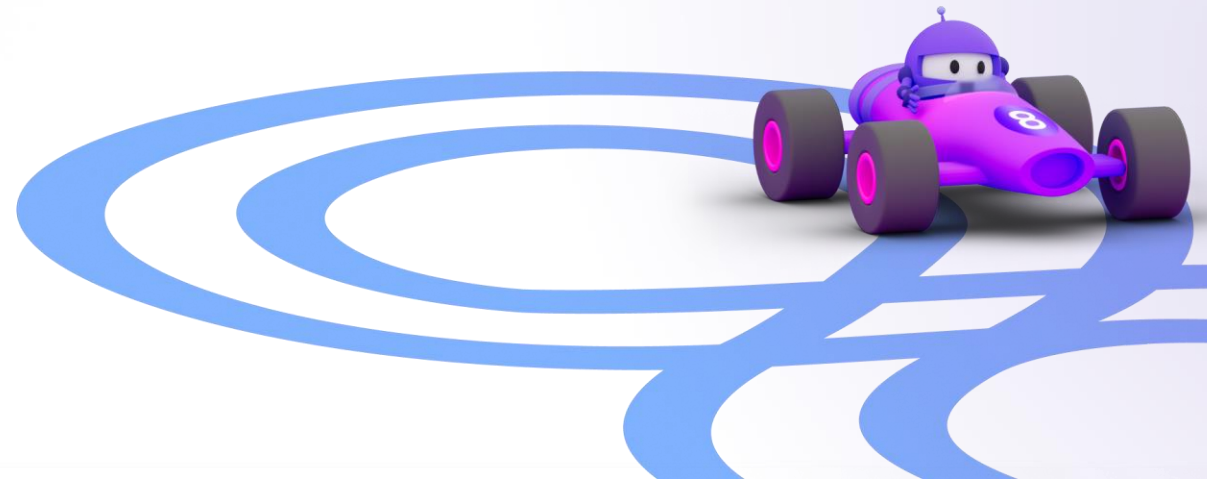
Modern  
WpfUi



Windows  
Community  
Toolkit



.NET MAUI  
Community  
Toolkit



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# Windows Presentation Foundation (WPF Application)



Desktop

[github.com/dotnet/wpf](https://github.com/dotnet/wpf)

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WPF Application

A project for creating a .NET WPF Application

C#

Windows

Desktop

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





# Windows App SDK (Win UI 3 in Desktop)



Desktop

[github.com/microsoft/WindowsAppSDK](https://github.com/microsoft/WindowsAppSDK)

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Blank App, Packaged (WinUI 3 in Desktop)

A project template for creating a Desktop app based on the Windows UI Library (WinUI 3) along with a MSIX package for side-loading or distribution via the Microsoft Store.

C#

XAML

Windows

Desktop

winui

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



# .NET MAUI (.NET MAUI App)



Desktop



Mobile

[github.com/dotnet/maui](https://github.com/dotnet/maui)

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.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}"/>
```

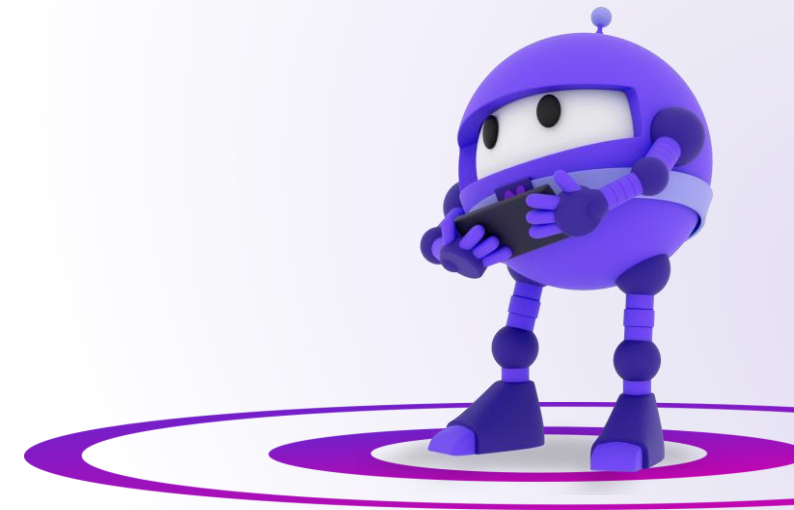
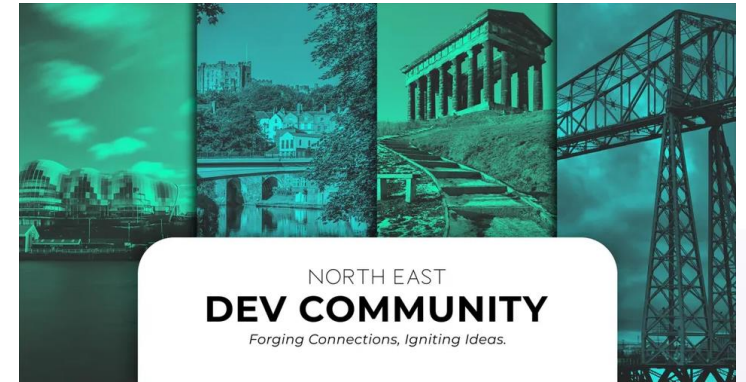




# Demo

XAML Notes

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# Overview

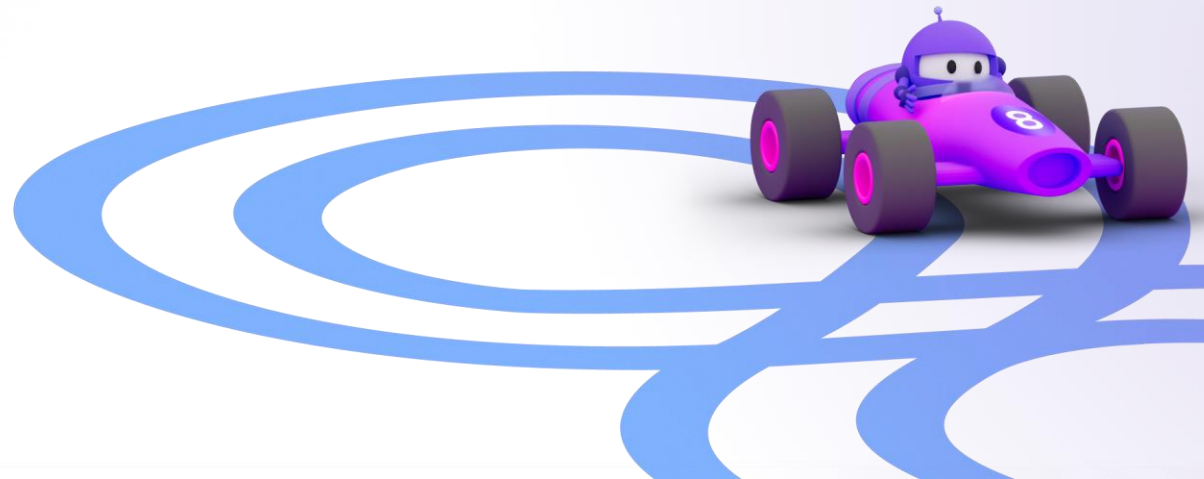
Build modern apps & services for any platform with .NET 8

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



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# Peter Bull

Software Engineer for Bede Gaming – [bedegaming.com](https://bedegaming.com)

Posts, Articles & Podcast – [rogueplanetoid.com](https://rogueplanetoid.com)

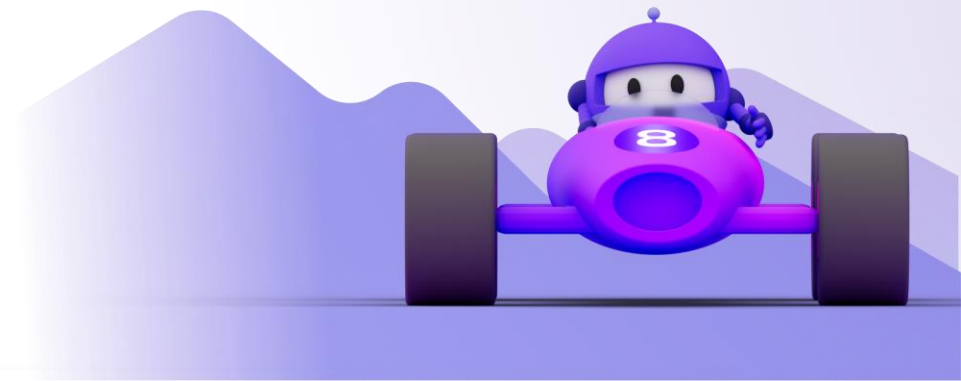
Tutorials, Talks & Workshops – [tutorialr.com](https://tutorialr.com)

LinkedIn – [linkedin.com/in/rogueplanetoid](https://linkedin.com/in/rogueplanetoid)

GitHub – [github.com/rogueplanetoid](https://github.com/rogueplanetoid)



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# Any Questions?

Windows Presentation Foundation  
[github.com/dotnet/wpf](https://github.com/dotnet/wpf)

Windows App SDK  
[github.com/microsoft/WindowsAppSDK](https://github.com/microsoft/WindowsAppSDK)

.NET MAUI  
[github.com/dotnet/maui](https://github.com/dotnet/maui)

Slides & Code  
[github.com/rogueplanetoid/takeanoteofxaml](https://github.com/rogueplanetoid/takeanoteofxaml)

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