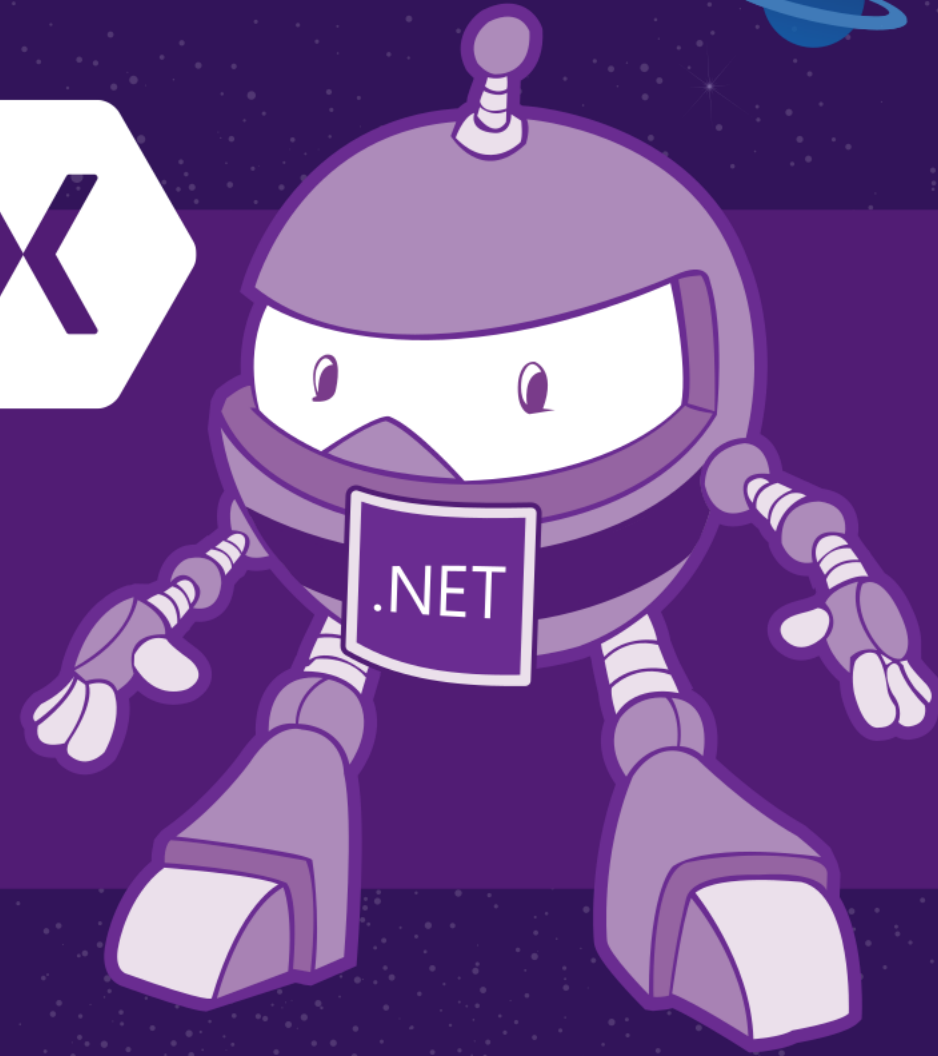


# .NET Conf

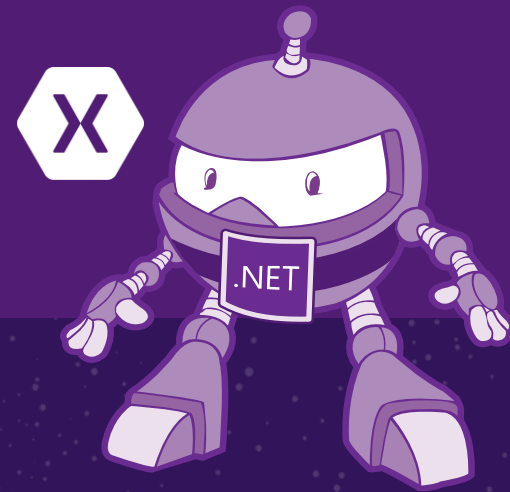
"Focus on Xamarin"



[focus.dotnetconf.net](https://focus.dotnetconf.net)

# Xamarin Mobile Development for ASP.NET Developers

Luce Carter



# ABOUT ME



Luce Carter  
Developer, dunnhumby



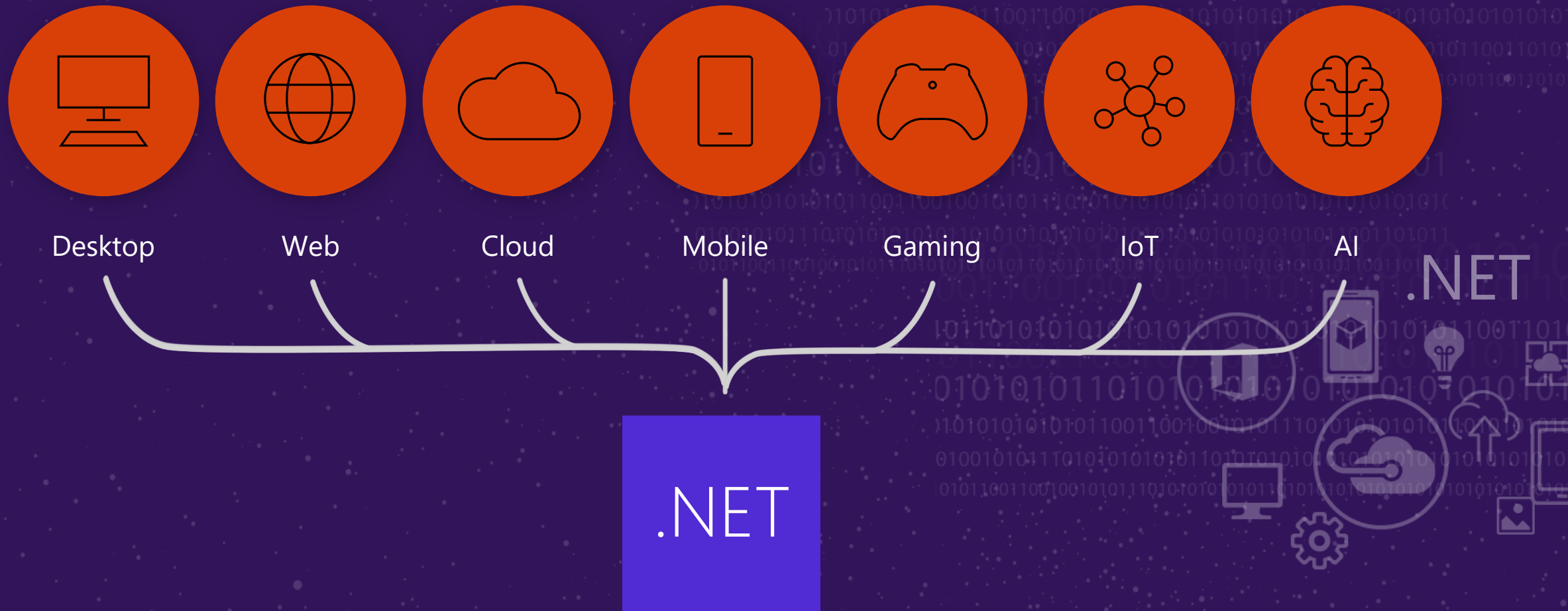
@LuceCarter1

CodingwithLuce

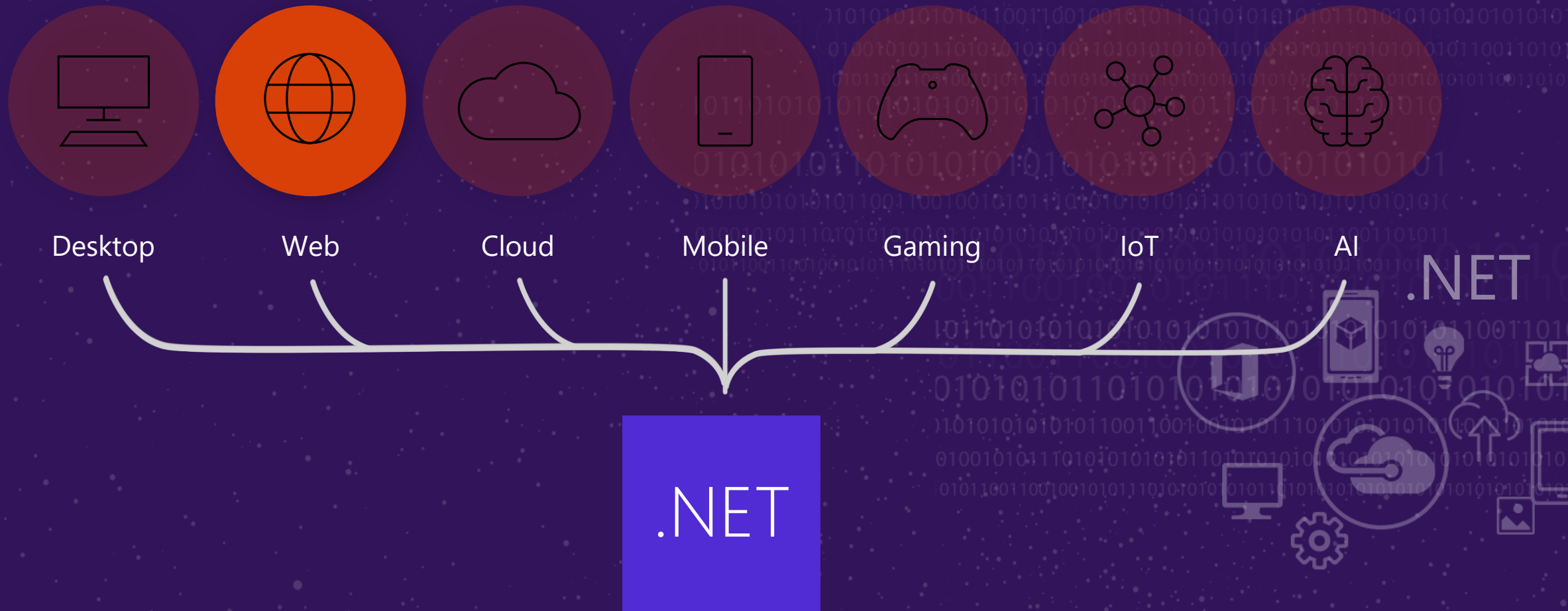
lucecarter.co.uk



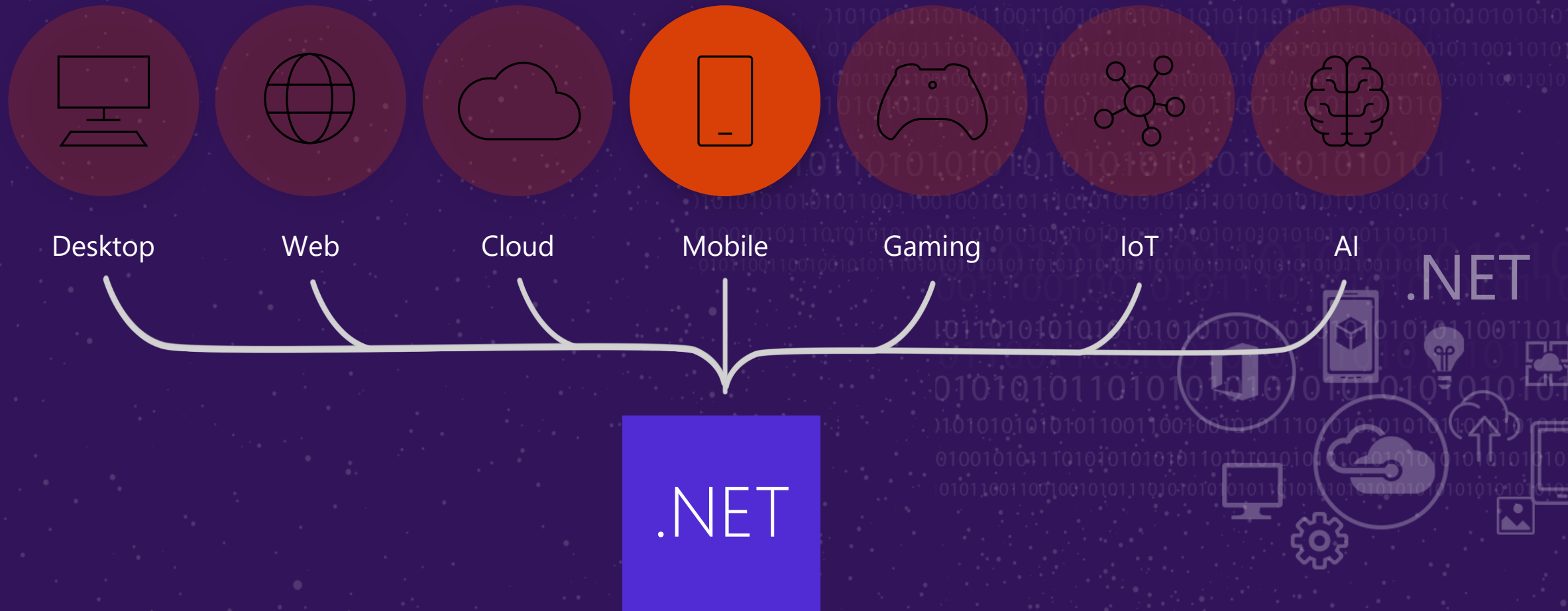
# .NET: Your platform for building **anything**



# .NET: Your platform for building **anything**



# .NET: Your platform for building **anything**







# App Structure

.NET





# Demo: Out of the box.NET

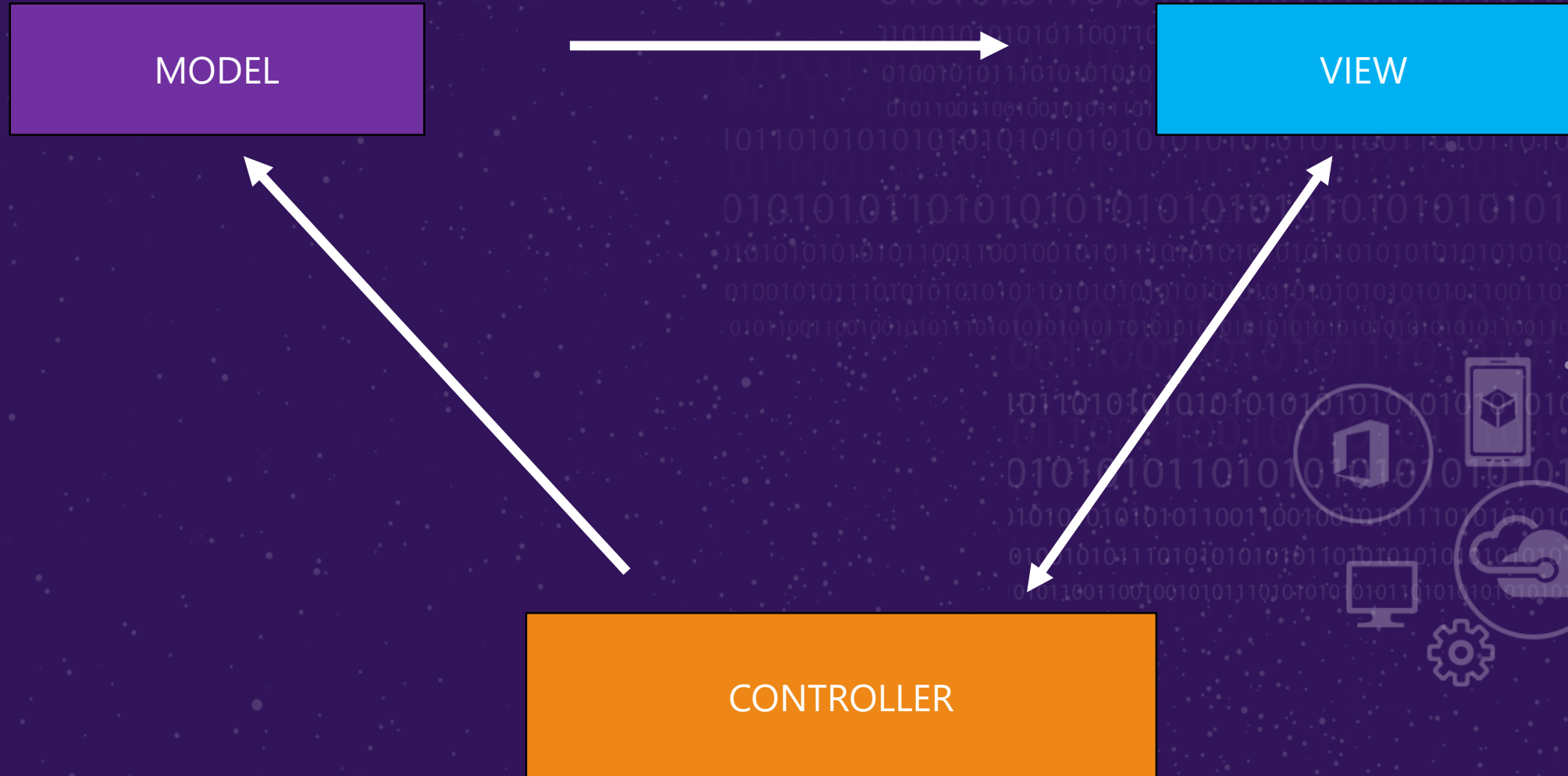


# Architectural Patterns

.NET



# MVC

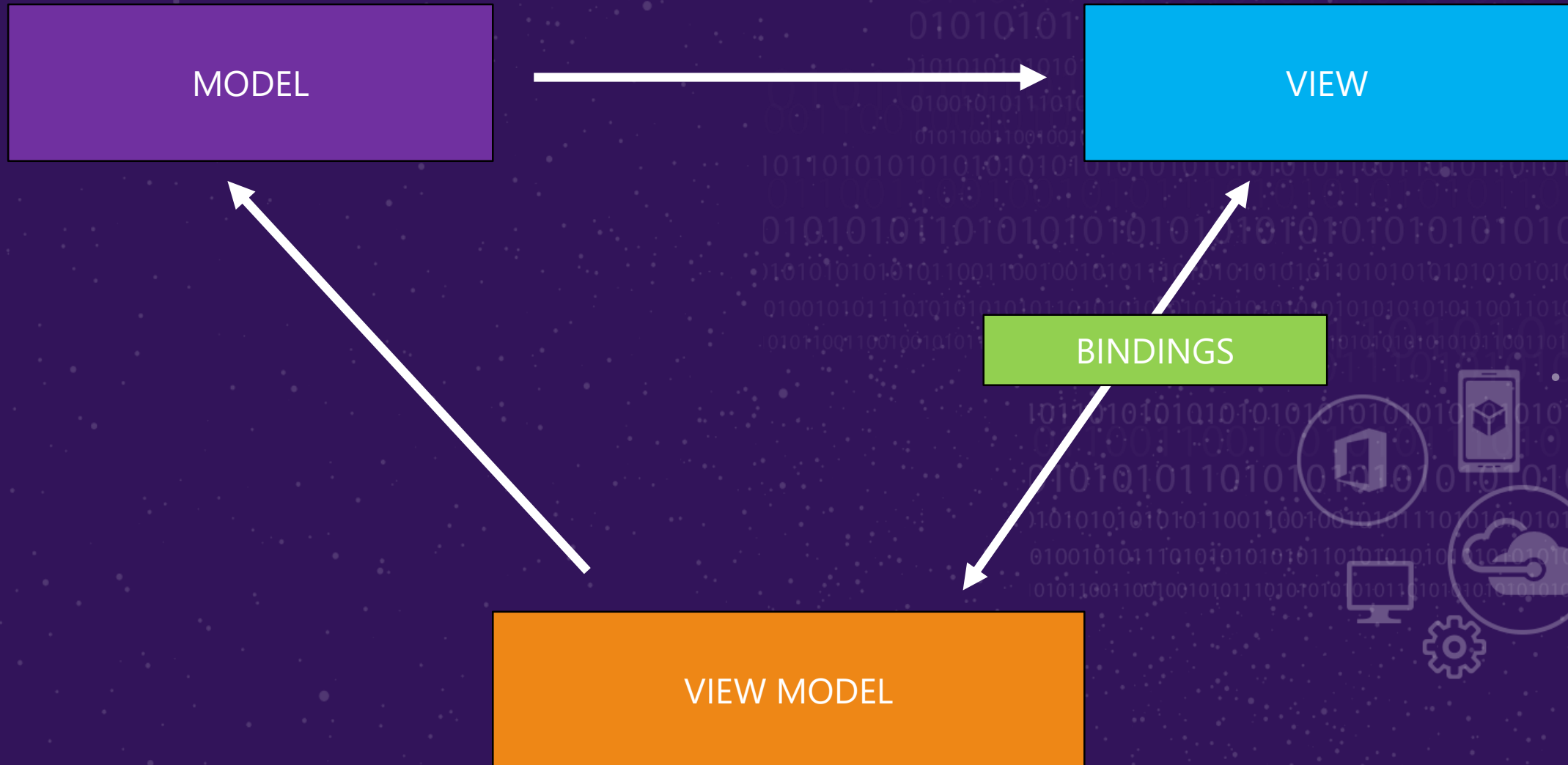


.NET



# .NET

# MVVM



.NET

## U

- Two Options
  - XAML
  - C#

# .NET

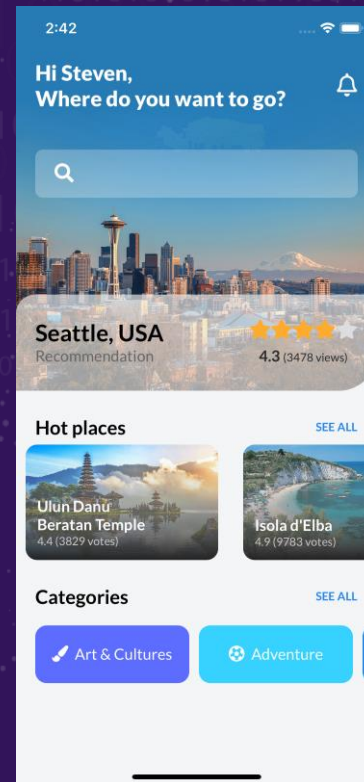




# Demo: Building Blocks.NET



# Styling



.NET

# Styling continued..

- Attributes on the individual components
- Page-wide styling declared in the XAML file
- App-wide styling in App.XAML
- CSS (subset of web CSS)
- Can control styling based on media using OnDeviceIdiom



# Demo: Beautify your apps.NET

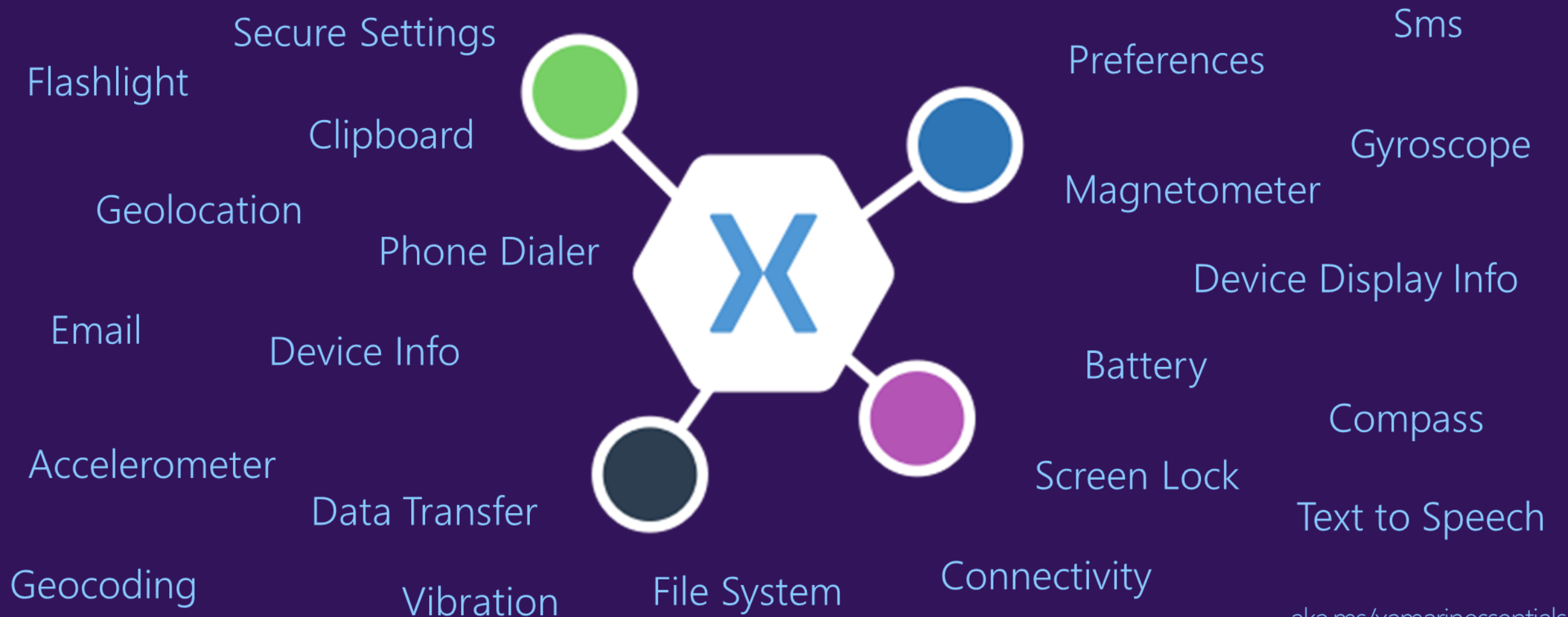


# Native Features

.NET



# Xamarin.Essentials





# Authentication

- Social Authentication

- Microsoft

- Google

- Facebook

- Twitter

- Instagram

- LinkedIn

- MSAL

- Azure ADB2C



# Authorization



.NET



```
public bool RememberMe
{
    get => Preferences.Get(nameof(RememberMe), false);
    set
    {
        Preferences.Set(nameof(RememberMe), value);
        if(!value)
        {
            Preferences.Set(nameof(Username), string.Empty);
        }
        OnPropertyChanged(nameof(RememberMe));
    }
}
```

# Experimental Blazor Mobile Bindings



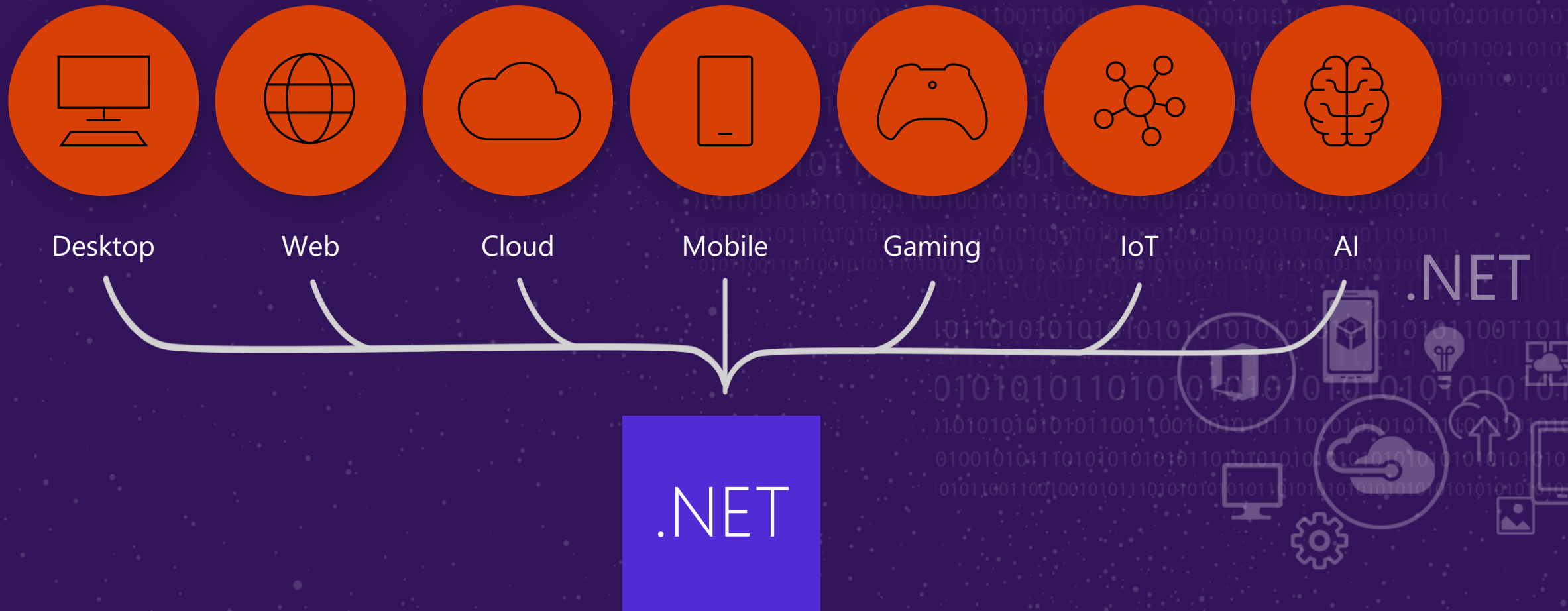
.NET

```
<StackLayout>
  <Label FontSize="30"
        Text="@("You pressed " + count + " times")" />
  <Button Text="+1"
        OnClick="@HandleClick" />
</StackLayout>
```

```
@code {
  int count;

  void HandleClick()
  {
    count++;
  }
}
```

# .NET: Your platform for building **anything**





# Thank you!

<http://bit.ly/XamForASPDev>

.NET

