

# Infragistics App Builder를 이용한 .NET MAUI Blazor 앱 만들기

Infragistics사의 제품인 App Builder를 이용하여 Blazor 앱을 디자인하고, 자동 생성된 코드를 이용하여 MAUI Blazor 앱을 빌드해봅니다.

안현모

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[youtube.com/c/BluePope](https://youtube.com/c/BluePope)

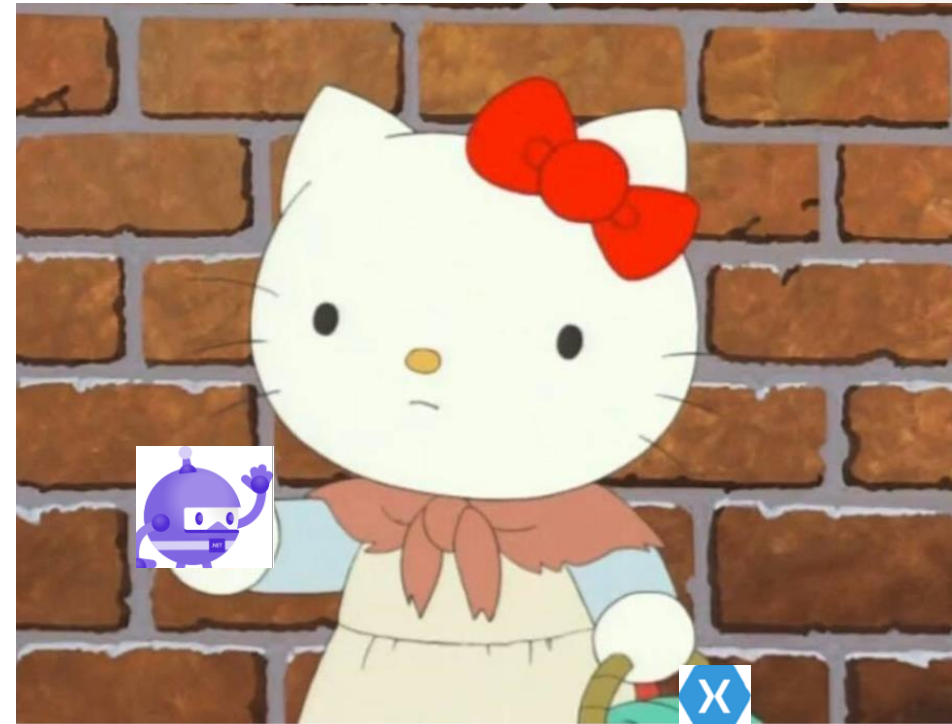
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  - App Builder로 앱 만들기
- 



# MAUI

- **M**ulti **A**pplication **U**ser **I**nterface
- Xamarin Forms 의 후신
- Windows 10, MacOS, Android, iOS ...
- Linux 제외
- XAML 을 통해 화면을 구성
- Visual Studio 2022 17.3 부터 지원



# Blazor

- Blazor (Browser + Razor)
- SPA Framework
- WebAssembly or Server
- Html, CSS, Razor(C#) 로 Web 화면을 구성
- .NetCore 3.0 부터 지원 (WASM 은 3.1)




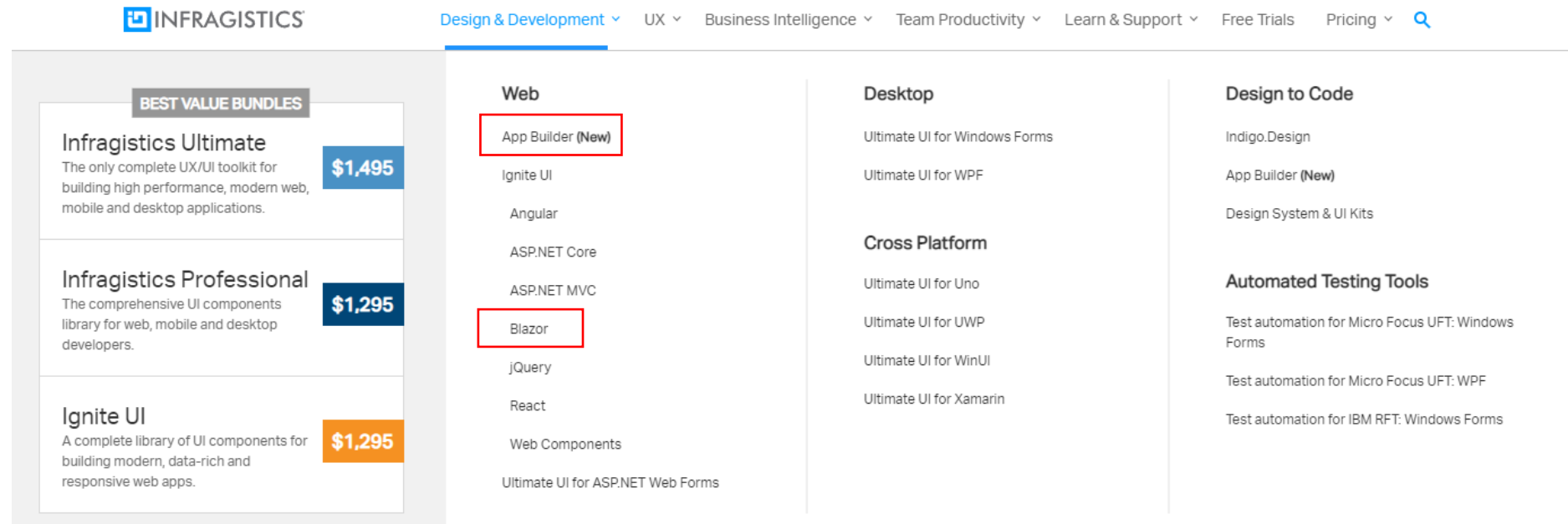
# MAUI + Blazor

- MAUI + Blazor
- XAML 이 아닌 Blazor 를 통해 개발
- Multi Platform을 Web 기반 기술을 통해 개발
- 내부적으로는 WebView 로 표현



# Infragistics IgniteUI

-  INFRAGISTICS 사의 IgniteUI (Web)
- 유료 컴포넌트



The screenshot displays the Infragistics IgniteUI website. The top navigation bar includes the Infragistics logo and a menu with categories: Design & Development, UX, Business Intelligence, Team Productivity, Learn & Support, Free Trials, and Pricing. A search icon is also present. The main content area is divided into several sections:

- BEST VALUE BUNDLES:** A list of three bundles with their descriptions and prices:
  - Infragistics Ultimate:** The only complete UX/UI toolkit for building high performance, modern web, mobile and desktop applications. Price: \$1,495.
  - Infragistics Professional:** The comprehensive UI components library for web, mobile and desktop developers. Price: \$1,295.
  - Ignite UI:** A complete library of UI components for building modern, data-rich and responsive web apps. Price: \$1,295.
- Web:** A list of web-related components, with 'App Builder (New)' and 'Blazor' highlighted by red boxes. Other items include Ignite UI, Angular, ASP.NET Core, ASP.NET MVC, jQuery, React, Web Components, and Ultimate UI for ASP.NET Web Forms.
- Desktop:** A list of desktop-related components, including Ultimate UI for Windows Forms and Ultimate UI for WPF.
- Cross Platform:** A list of cross-platform components, including Ultimate UI for Uno, Ultimate UI for UWP, Ultimate UI for WinUI, and Ultimate UI for Xamarin.
- Design to Code:** A list of design-to-code components, including Indigo.Design, App Builder (New), and Design System & UI Kits.
- Automated Testing Tools:** A list of automated testing tools, including Test automation for Micro Focus UFT: Windows Forms, Test automation for Micro Focus UFT: WPF, and Test automation for IBM RFT: Windows Forms.

# Infragistics IgniteUI

GOOD VALUE

## Ignite UI

- 100s of UI controls and components for every major web framework
- Fastest way to build modern web apps

**\$1,095**

per developer, royalty-free subscription

BEST VALUE

## Infragistics Ultimate

- Everything in Ignite UI and Professional
- UI prototyping, design systems, user testing, app building and code gen
- The only complete UI/UX toolkit for building high performance, modern web, desktop and mobile applications

**\$1,275**

per developer, royalty-free subscription

GREAT VALUE

## Infragistics Professional

- Everything in Ignite UI
- .NET components
- The comprehensive UI components library for web, mobile and desktop developers

**\$1,095**

per developer, royalty-free subscription

- Ignite UI Only

- Ignite UI
- Ultimate UI
- Indigo Design

- Ignite UI
- Ultimate UI

# Infragistics IgniteUI Blazor

- ASP.NET Webform ~ ASP.NET Core MVC
  - JQuery, React, Angular, TypeScript
  - **Blazor (WebAssembly, Server)**
  - **App Builder**
- 





# Project 생성 및 Ignite Blazor 설치

- 프로젝트 생성
  - 컨트롤 보기
  - DataGrid 만들기
- 



# App Builder

- 기존 Indigo.Design 에 있었던 App Builder
  - Designer를 통해 App 을 간단하게 디자인해볼 수 있음
  - Cloud 방식, On-Promise 방식은 별도의 큰 비용이 발생
  - Blazor (WASM, Server), Angular 로 Export 지원
  - 제한적 Import 지원 (Sketch, Adobe XD)
- 



# App Builder

- Sample 앱 생성
  - DataGrid 생성
  - Code 확인
  - Project Zip Export
- 

