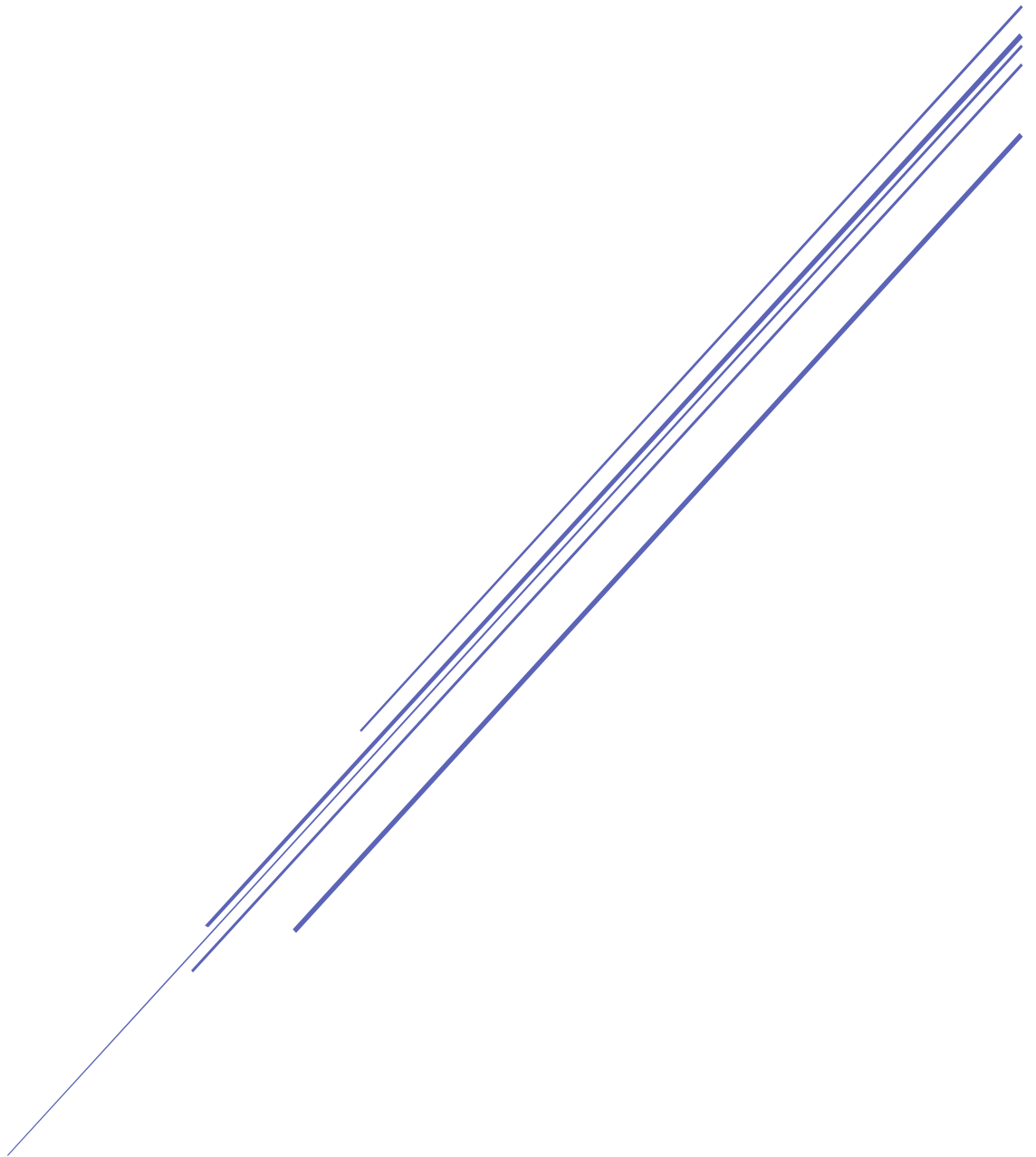


# SITECORE MAUI SDK

MAUI software development kit for Sitecore



Sitecore MAUI SDK  
Version 1.0.0.0



## Version history

Version	Release details
1.0.0.0	<ul style="list-style-type: none"><li>Alpha version</li></ul>



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## 1 What is .NET MAUI

.NET Multi-platform App UI (.NET MAUI) is a cross-platform framework for creating native mobile and desktop apps with C# and XAML.

Using .NET MAUI, you can develop apps that can run on Android, iOS, macOS, and Windows from a single shared code-base.

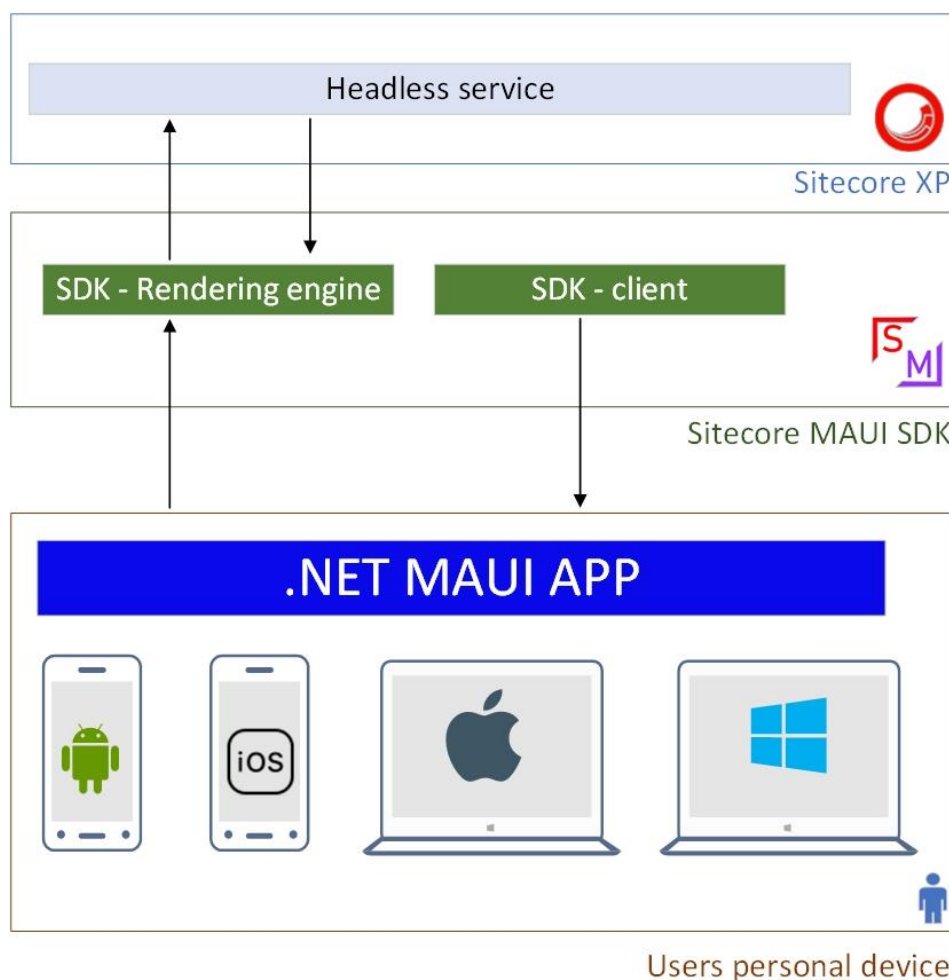
Refer more: [Microsoft MAUI documentation](https://docs.microsoft.com/en-us/dotnet/maui/)

## 2 What is Sitecore MAUI SDK

Sitecore Headless Development is based on a rendering front end and a Sitecore instance back end. This decoupling of logic domains makes a Sitecore solution easy to develop, maintain, scale, and upgrade.

Sitecore MAUI SDK helps you to consume headless service presentations and help to transform in to composed pages.

Refer more: <https://sitecoremaui.wordpress.com>





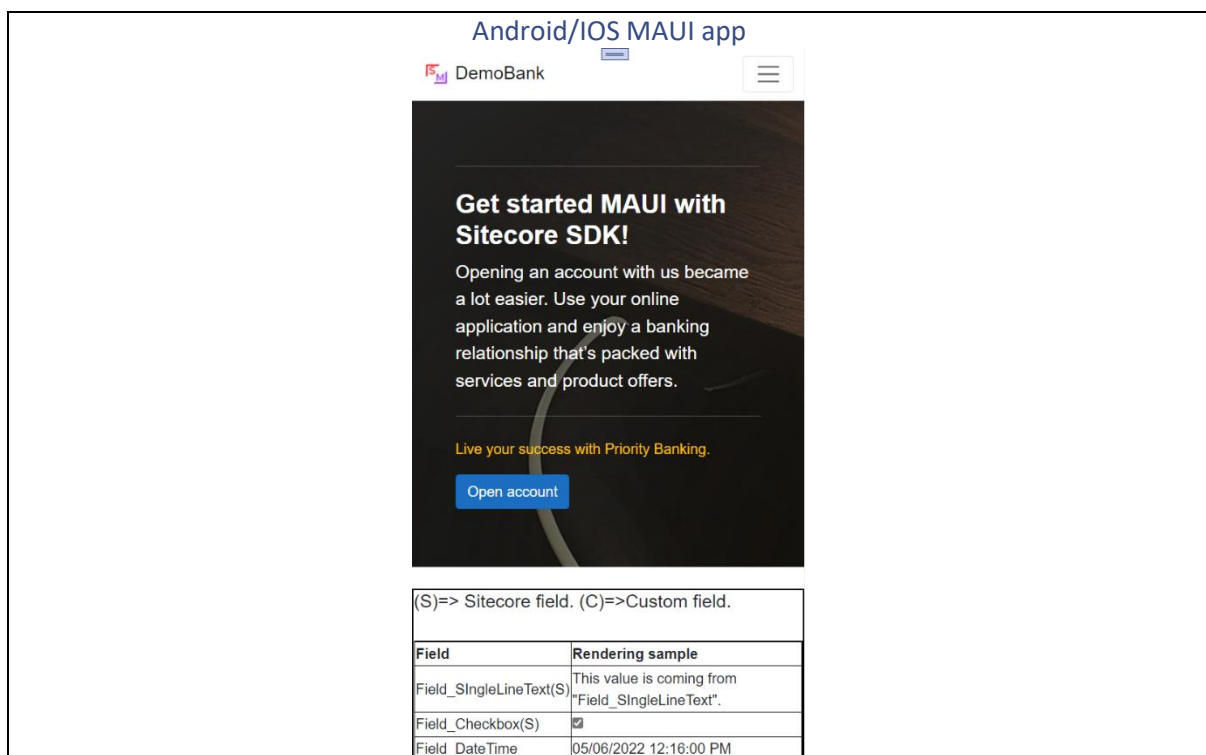
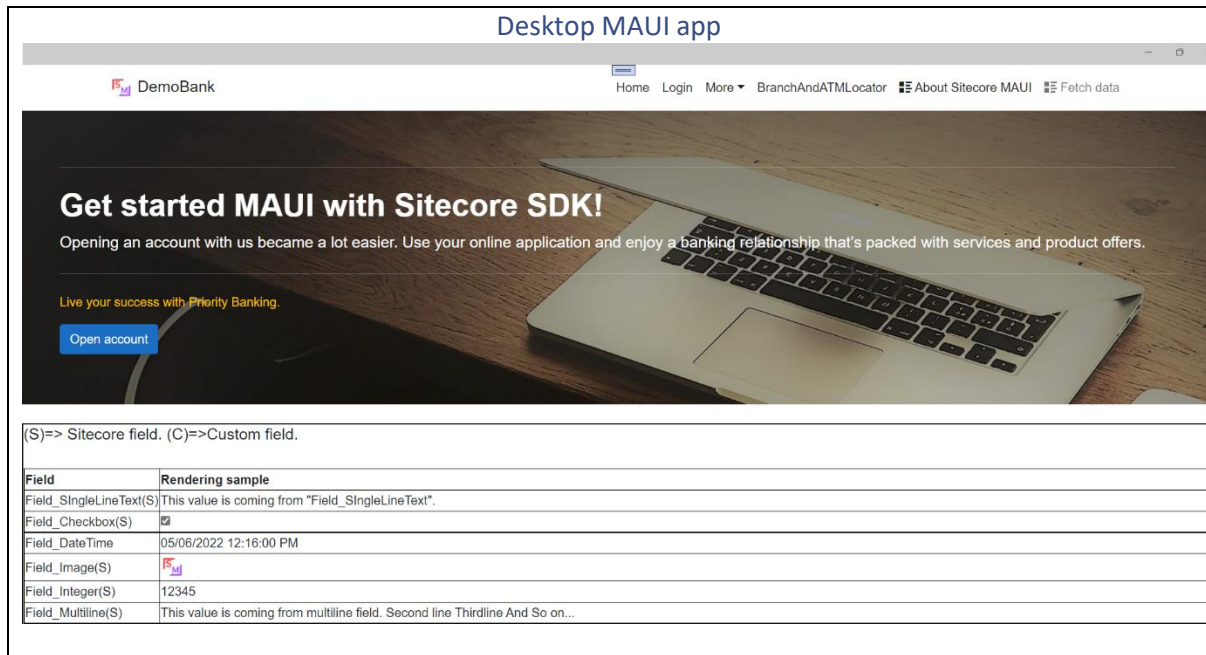
## 3 Get started

### 3.1 Quick start and build your first app

Quick start and create your first .NET MAUI APP using Sitecore MAUI SDK. Go to the below GIT and clone the sample application.

**Sample Demo bank:** <https://github.com/andiappan-ar/Sitecore.DemoBank/tree/master/Src/MAUI>

Follow the setup procedures. Your app is ready like below,





## 3.2 Types

.Net MAUI apps have two types of technology,

- .NET MAUI Blazor apps
  - This is code based and using Blazor UI components. Sitecore MAUI SDK is ready to use.
- .NET Multi-platform App UI (.NET MAUI)
  - This is code/XAML based. Sitecore MAUI SDK is in preogress.

## 3.3 Setup and installation

### 3.3.1 Pre requisites

Considering the MAUI development below consolidated pre requisites on each area.

1. Sitecore
  - a. Headless service
2. Visual studio preview
  - a. MAUI installation

### 3.3.2 Setup

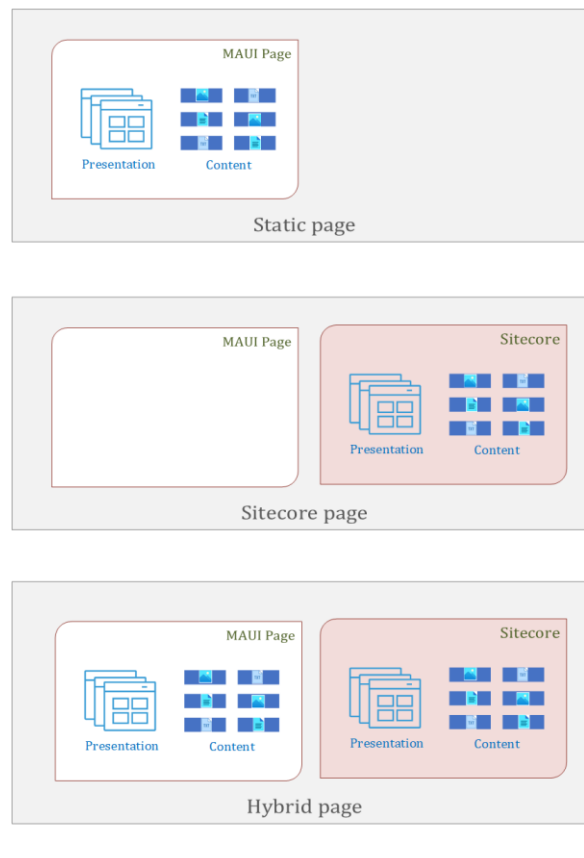
Please follow setups steps [here](#).

Ref: <https://github.com/andiappan-ar/Sitecore.DemoBank/tree/master/Src/MAUI#setup>

## 4 Sitecore MAUI SDK's

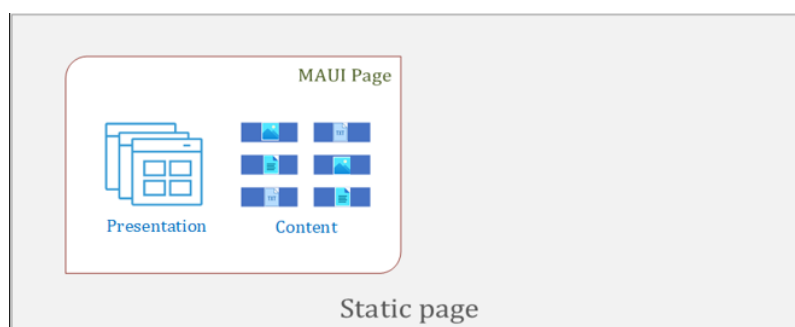
### 4.1 Page types

In MAUI Sitecore SDK there is different types of pages available.



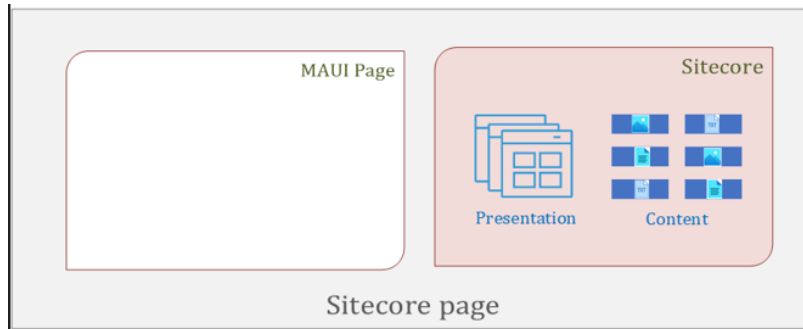
#### 4.1.1 Static page

Static page contains the presentation and content with in itself. You cannot rely on Sitecore for rendering this page.



#### 4.1.2 Sitecore page

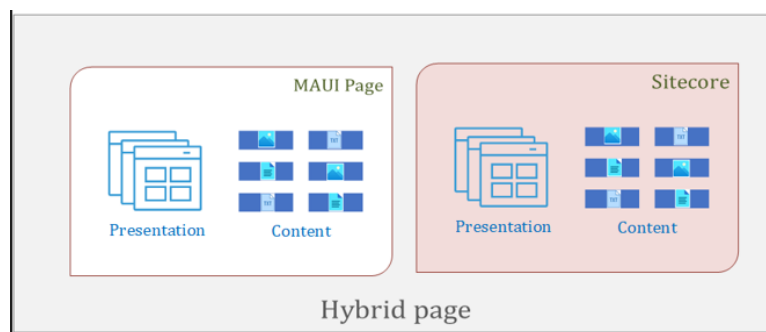
Sitecore page is completely rely on Sitecore. This page presentation, content will come from Sitecore.



#### 4.1.3 Hybrid page

Hybrid page is flexible page. You can get content from Sitecore or you can have a static content wit in itself.

Also, Sitecore presentation also can be change by adding your static components.



## 4.2 Consideration

### 4.2.1 Mobile development consideration

While you are debug or testing the Sitecore MAUI app from your local. Check your Sitecore instance is available in emulator/testing device.

If your Sitecore instance is available in your local, you cannot reach from your emulator/testing device. Use [NGROK](#) to make your local instance available via internet.