

Xamarin Forms

What is Xamarin Forms?

What is Mvvm?

What is Xaml?

What is a Custom Renderer?

What is Dependency injection?

What is Xamarin

- Is a cross platform technology developed by Microsoft to create mobile applications using same code base across all platforms.

Approaches in Xamarin

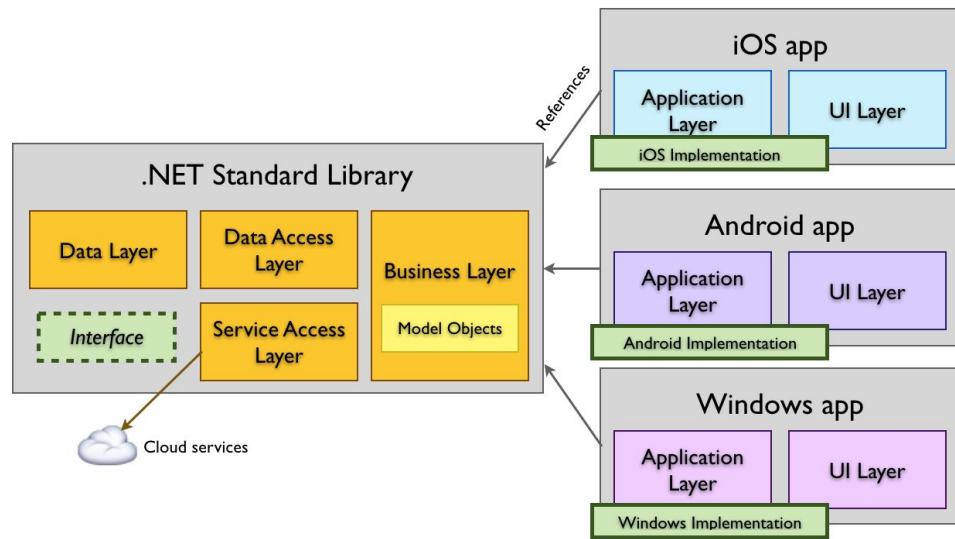
- Native (Xamarin Android or iOS)
- Xamarin Forms

Basic architecture



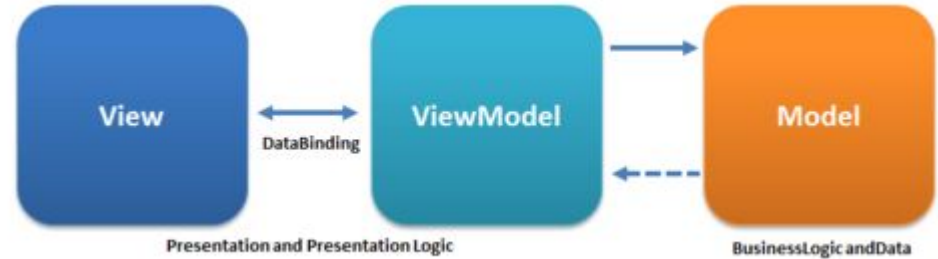
What is Xamarin Forms?

Basic architecture



What is Mvvm?

- Means Model–view–viewmodel is a software architectural pattern that facilitates the separation of the development of view from the development of the business logic so that the view is not dependent on any specific model platform



What is XAML?

- Means eXtensible Application Markup Language
- It is a variant of XML to describe GUI

Controls

- Are views such Labels, Buttons and so on. That are defined in Xamarin Forms all controls derive from View

Data Binding

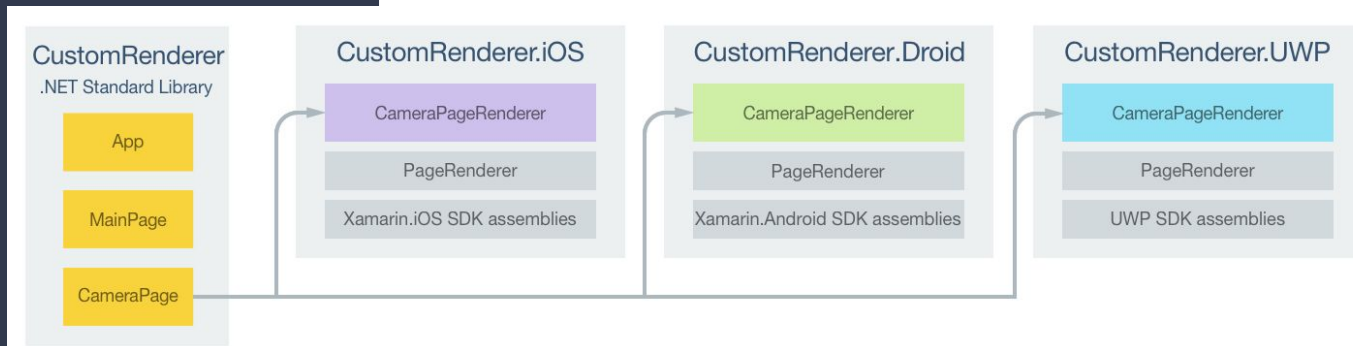
- Is the technique of linking properties of two objects so that changes in one property are automatically reflected in the other property. Data binding is an integral part of the MVVM

BindableProperty

- It is a keyword to define if a property are bindable.

What is Custom Renderer?

- Custom Renderers let developers override this process to customize the appearance and behavior of Xamarin. Forms controls on each platform



What is Dependency Injection?

- Is the technique when an object received other object, the receiver object have a dependency, and the way we sent that object is the injection

