.NET MAUI Seminars

The following is a list of .NET MAUI seminars that can be presented at your user group or other live event by **Paul D. Sheriff**.

Essentials of .NET MAUI

Learning XAML for use in .NET MAUI can be a little daunting. This seminar will introduce the basic concepts of XAML and show you how to get started quickly and easily. You will learn how to use Visual Studio to create rich user interfaces in .NET MAUI the right way. If you are new to .NET MAUI, attend this seminar to see how to move your legacy Windows Forms or WPF applications into .NET MAUI. The focus on this seminar is using XAML to build business applications in .NET MAUI. You will learn to use the various controls you need for a business application, how to use styles for making your application look good, and you will walk away with a ton of samples to help you get your own .NET MAUI application started.

Learning Objectives

Getting started with XAML.

Learn flow-layout in XAML.

See the various UI controls used to build standard business forms

Eliminate Code using Data Binding in .NET MAUI

Data Binding in .NET MAUI is much more than just binding to data in a database. You will learn various methods of using data binding including binding one control to another control, binding to properties in your classes, and

having XAML create classes for you. You learn to use converters to change how data is bound to a control. You also see how to bind to data classes in your back-end database as well. This session shows you how to retrieve data from your SQL Server database and display it in a business form. You learn to take advantage of the INotifyPropertyChanged interface to inform the UI of changes made in code.

Learning Objectives

Write less code by employing data binding.

Bind from one control to another control.

Bind from view models to controls.

Using the INotifyPropertyChanged interface.

MVVM Made Easy for .NET MAUI Applications

MVVM and .NET MAUI go together like chocolate and peanut butter. This seminar guides you step-by-step on how to take advantage of this powerful design pattern. The main goal of MVVM is to help you develop code that is testable and re-usable. This seminar shows you how to create your own view model classes and bind them to your .NET MAUI screens. You also learn to build a base class on which all your view model classes inherit. In addition, you use Dependency Injection to reduce class coupling. Finally, you eliminate code-behind by taking advantage of Commanding.

Learning Objectives

Use the MVVM design pattern effectively.

Utilize a base class for your MVVM design.

Use Dependency Injection to reduce class coupling.

Eliminate code-behind by using Commanding.

List Controls in .NET MAUI

The CollectionView and ListView controls in .NET MAUI are used to display lists of data. In this seminar you learn to create lists that present data in a better manner than just a boring, old table. You learn how to navigate from an item in a list to a detail view. In addition, you see how to use the Carousel and Indicator views to display short lists of data on a mobile device.

Learning Objectives

Display a list of data using the ListView control.

Display a list of data using the CollectionView control.

Navigate from a list item to a detail view.

Display short lists using the Carousel view.