Practical LINQ

Data Binding

Deborah Kurata http://msmvps.com/blogs/deborahk/ deborahk@insteptech.com





Introduction

- Windows Forms
- Windows Presentation Foundation (WPF)
 - Silverlight
 - □ Windows 8
 - □ Windows Phone 8

Windows Forms

DataSource Property

Binds data directly to a control on the user interface

BindingSource Control

- Separate control on the form
- Bind each control to the BindingSource
- Bind the data to the BindingSource

Goal

Using the results of a LINQ query for binding

Windows Presentation Foundation (WPF)

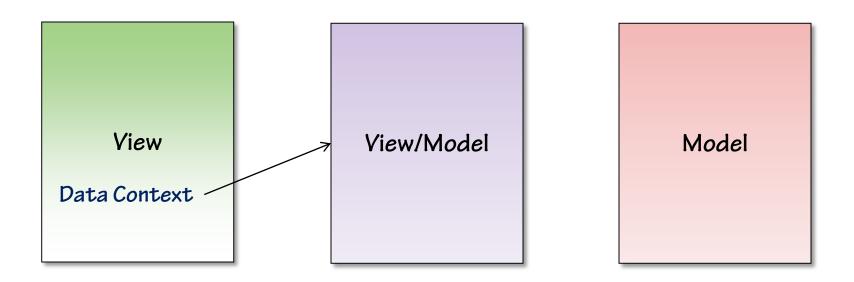
- User Interface Framework
- Extensible Application Markup Language (XAML)
 - Silverlight
 - □ Windows 8
 - □ Windows Phone 8
- Model-View-View/Model (MVVM)
- Goal
 - Using the results of a LINQ query for binding

Model

View

Model

View/Model Model



Summary

Windows Forms

- DataSource
- □ ToList
- dynamic

Windows Presentation Foundation (WPF) / XAML-based UI

- □ MVVM
- DataContext
- ObservableCollection<Customer>
- ObservableCollection<dynamic>
- ObservableCollection<CustomerModel>