

Bind to an ADO.NETDataSet



Add Record

```
//File:Window.xaml.cs
using System;
using System.Collections;
using System.ComponentModel;
using System.Data;
using System.Data.OleDb;
using System.IO;
using System.Globalization;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
```

```
using System.Windows.Documents;
using System.Collections.Generic;

namespace WpfApplication1
{
    public partial class Window1 : Window
    {
        public Window1()
        {
            this.InitializeComponent();
        }

        DataSet myDataSet;
        private void OnInit(object sender, EventArgs e)
        {
            OleDbConnection conn = new OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0; Data Source=c:BookData.mdb");
            OleDbDataAdapter adapter = new OleDbDataAdapter("SELECT * FROM BookTable;", conn);

            myDataSet = new DataSet();
            adapter.Fill(myDataSet, "BookTable");

            myListBox.DataContext = myDataSet;
        }

        private void OnClick(object sender, RoutedEventArgs e)
        {
            DataTable myDataTable = myDataSet.Tables["BookTable"];
            DataRow row = myDataTable.NewRow();

            row["Title"] = "A";
            row["ISBN"] = "0-1111-1111-2";
            row["NumPages"] = 1;
            myDataTable.Rows.Add(row);
        }
    }

    public class IntColorConverter : IValueConverter
    {
```

```
public object Convert(object value, Type targetType, object parameter, CultureInfo culture)
{
    int numValue = (int)value;
    if (numValue < 50) return System.Windows.Media.Brushes.Green;
    else return System.Windows.Media.Brushes.Red; } public object
ConvertBack(object value, Type targetType, object parameter,
CultureInfo culture) { return null; } } [/csharp]
```