

How-to: Enable Drag Drop to Standard ListBox Using UXPanel

This example shows you how to enable drag drop capability to standard **ListBox** by integrating [UXPanel](#) to **ListBox**.

Example

Description

ListBox is an **ItemsControl** which means you can customize its **ItemsPanel** property with any type of panel in order to control the item arrangement. We can change the **ItemsPanel** property to use one of ClientUI Panels to enable drag-drop with fluid animation.

The following code demonstrates how to enable drag drop to standard **ListBox** by specifying [UXStackPanel](#) as **ItemsPanel** value.

Code

XAML

```
<UserControl.Resources>
  <ItemsPanelTemplate x:Key="ItemsPanelTemplate1">
    <Intersoft:UXStackPanel Orientation="Vertical" AllowMoveItem="True"
      AllowDropItem="True" AllowReorderItem="True" AllowRemoveItem="True"/>
  </ItemsPanelTemplate>
  <ItemsPanelTemplate x:Key="ItemsPanelTemplate2">
    <Intersoft:UXStackPanel Orientation="Vertical" AllowMoveItem="True"
      AllowDropItem="True" AllowReorderItem="True"/>
  </ItemsPanelTemplate>
</UserControl.Resources>

<Grid x:Name="LayoutRoot" Background="White">
  <StackPanel HorizontalAlignment="Left" VerticalAlignment="Center" Width="250">
    <ListBox x:Name="ListBox1" ItemsPanel="{StaticResource ItemsPanelTemplate1}">
      <ListBoxItem Content="To-do: Prepare Walkthrough Materials"/>
      <ListBoxItem Content="To-do: Prepare Video Materials"/>
      <ListBoxItem Content="To-do: Create Press Release"/>
    </ListBox>
    <Intersoft:FieldLabel Header="Selected Index: " HeaderWidth="100"
HorizontalHeaderAlignment="Right">
      <TextBlock Text="{Binding SelectedIndex, ElementName=ListBox1}"
VerticalAlignment="Center"/>
    </Intersoft:FieldLabel>
    <Intersoft:FieldLabel Header="Selected Item: " HeaderWidth="100"
HorizontalHeaderAlignment="Right">
      <TextBlock Text="{Binding SelectedItem.Content, ElementName=ListBox1}"
VerticalAlignment="Center"/>
    </Intersoft:FieldLabel>
  </StackPanel>
  <StackPanel HorizontalAlignment="Right" VerticalAlignment="Center" Width="250">
    <ListBox x:Name="ListBox2" ItemsPanel="{StaticResource
ItemsPanelTemplate2}">
      <ListBoxItem Content="To-do: Fix Bug #1337"/>
      <ListBoxItem Content="To-do: Enhance Drag Drop Logic"/>
      <ListBoxItem Content="To-do: Create Sample"/>
    </ListBox>
    <Intersoft:FieldLabel Header="Selected Index: " HeaderWidth="100"
HorizontalHeaderAlignment="Right">
      <TextBlock Text="{Binding SelectedIndex, ElementName=ListBox2}"
VerticalAlignment="Center"/>
    </Intersoft:FieldLabel>
    <Intersoft:FieldLabel Header="Selected Item: " HeaderWidth="100"
HorizontalHeaderAlignment="Right">
      <TextBlock Text="{Binding SelectedItem.Content,
ElementName=ListBox2}"
VerticalAlignment="Center"/>
    </Intersoft:FieldLabel>
  </StackPanel>
</Grid>
```

- [Walkthrough: Create Wrapping Layout Using WrapPanel](#)
- [Walkthrough: Create Uniform Layout Using UXGridPanel](#)
- [Walkthrough: Create Fluid UI Layout Using DockPanel](#)
- [Walkthrough: Create Autofit Layout Supporting Overflow with UXOverflowPanel](#)
- [Walkthrough: Create Auto-sizing Layout Using Viewbox](#)

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