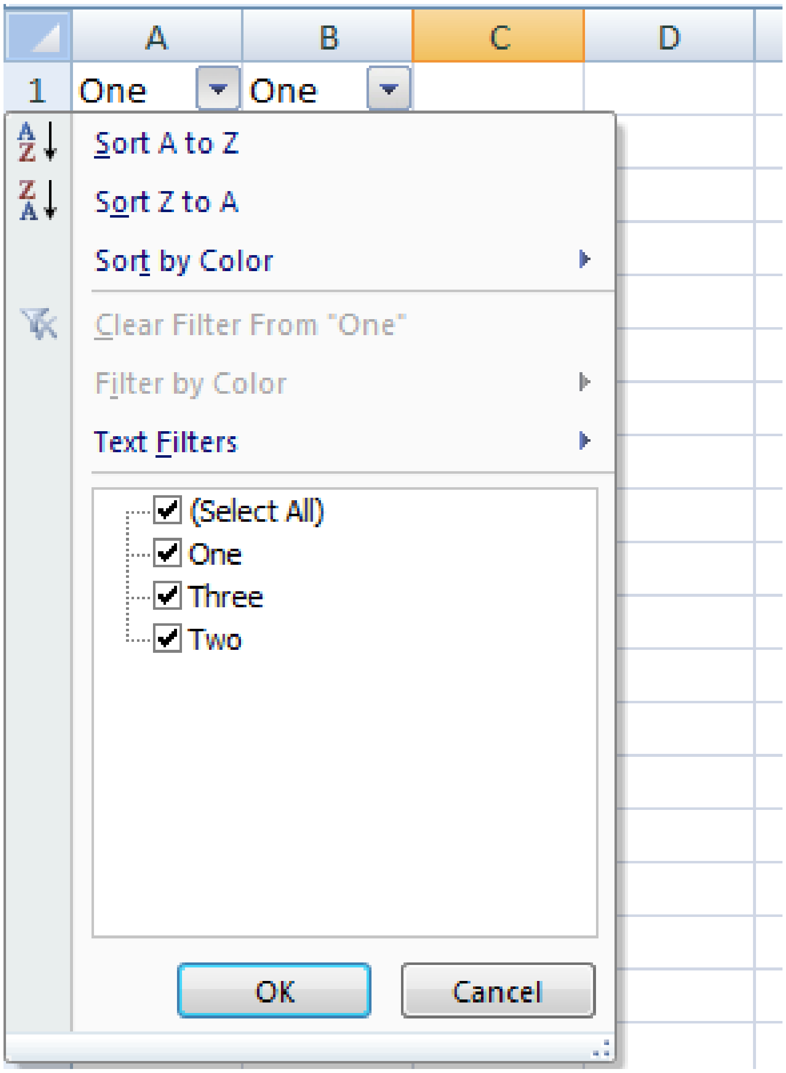
Progress Task: Front End Dev - WPF

Building CheckBoxList "like" Control

By completing this task, your goal is to demonstrate willingness to learn how to style XAML controls and how to quickly shape a control such as the **RadListBox** into something that suits an application scenario better.

What is a CheckBoxList Control Anyway

The CheckBoxList control represents a list of checkboxes each containing some text beside. The control can be used to pick several values out of a list, or maybe provide a way for the user to filter data by having him/her pick from a list of unique values. To get an idea of what the final result should look like, you can take a look at Excel's filter box:



Note: We are just after the list of checkboxes without the dotted lines or the (Select All) part above.

What You Need to Do

- Open the attached WPF project and add RadListBox control. Bind it to a collection of data custom data objects (do not use static RadListBoxItems). Style the application using our Office2013 theme applied with Implicit Styles.
- Modify the **RadListBox** and **RadListBoxItem** control templates, as needed, in order to turn the control into a list of checkboxes. (Each item should display a CheckBox and its text, like on the image above).
- Set up a binding between the **IsChecked** property of the CheckBox and the **IsSelected** property of RadListBoxItem, so that checking the checkbox selects the item.
- Style all checkboxes in the application so that they display one image when checked, another when unchecked. The CheckBox named "**testCheckBox**", the CheckBoxes inside the modified **RadListBox**, and all checkboxes in the entire application should automatically pick up that design.
- **BONUS:** Style the selected **RadListboxItems** differently, so that they do not have the default look from the theme and yet can be easily distinguished from the unselected ones.
- **BONUS:** Whenever the user hovers the mouse over a **RadListboxItem**, the item should fade in using animation. Similarly, whenever the mouse moves out, the **RadListboxItem** item should fade out using a reverse animation.

Required

As a final you need to send us the modified project as well as short explanation of how to achieve all the modifications. Write it like you are replying to a customer helping him to achieve a custom scenario using the Telerik WPF controls.

Things to Look After

Concentrate on producing short, readable XAML code. Split up settings applied in styles and templates and organize the code in a meaningful manner.

Helpful Resources

- Telerik UI for WPF Documentation
- Telerik UI for WPF Demos
- Telerik UI for WPF SDK Examples

Good luck! 😊