
Multiple Selection List Box

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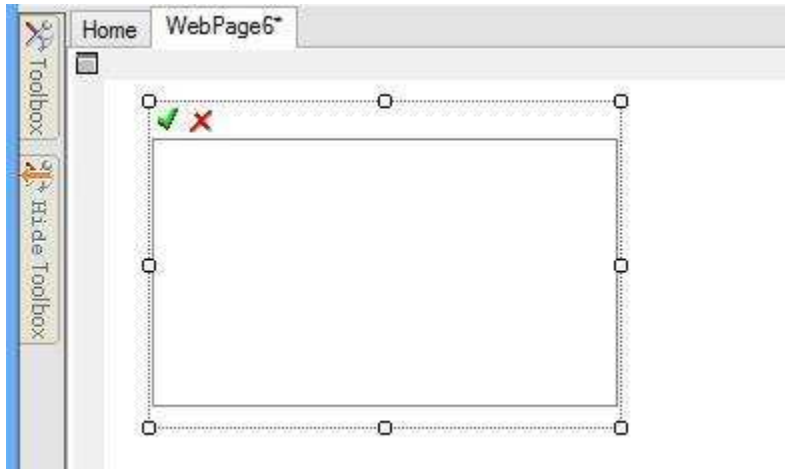
Introduction

When building a web interface for user data entry, sometimes we want to allow multiple selections from a list. HtmlMultiSelection control can be used for implementing such an interface.

HtmlMultiSelection in the toolbox:

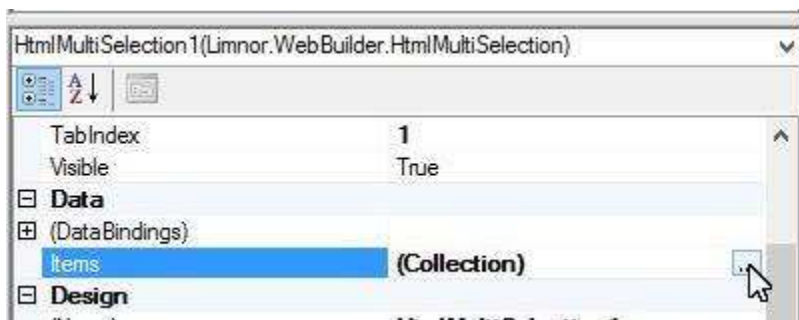


HtmlMultiSelection in a web page:



Set items at design time

Items property can be set at design time:



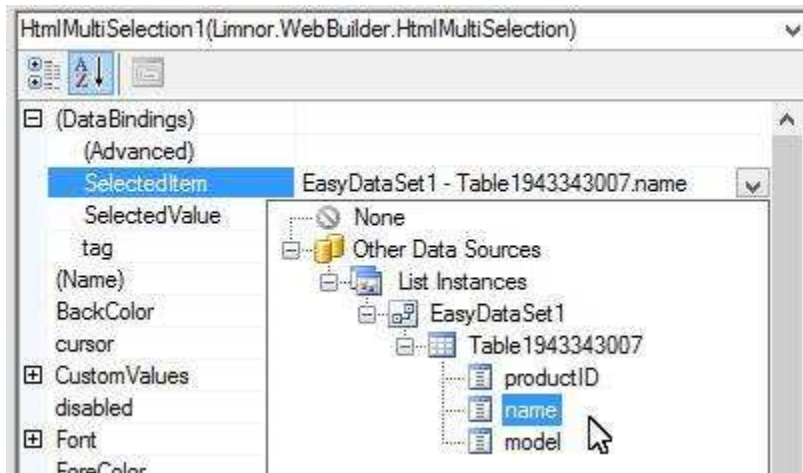
Each line is one item:

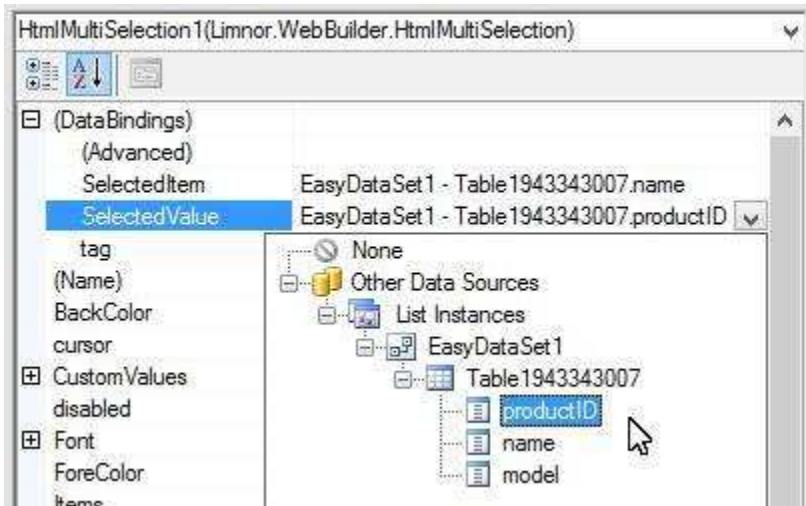




Set items by data-binding

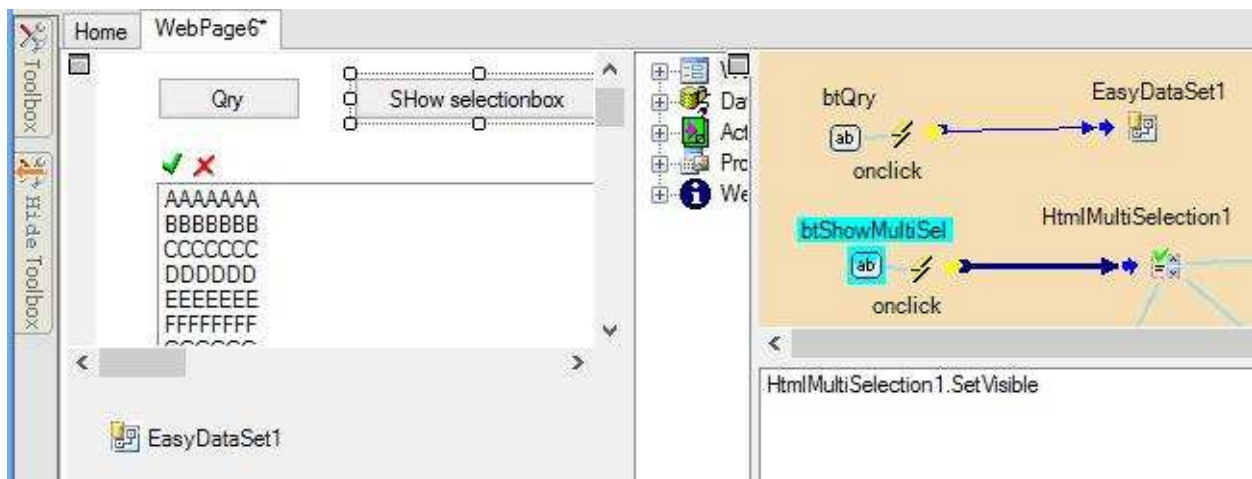
We may use an EasyDataSet to query data from a database and set data-binding to set items of the list box at runtime:





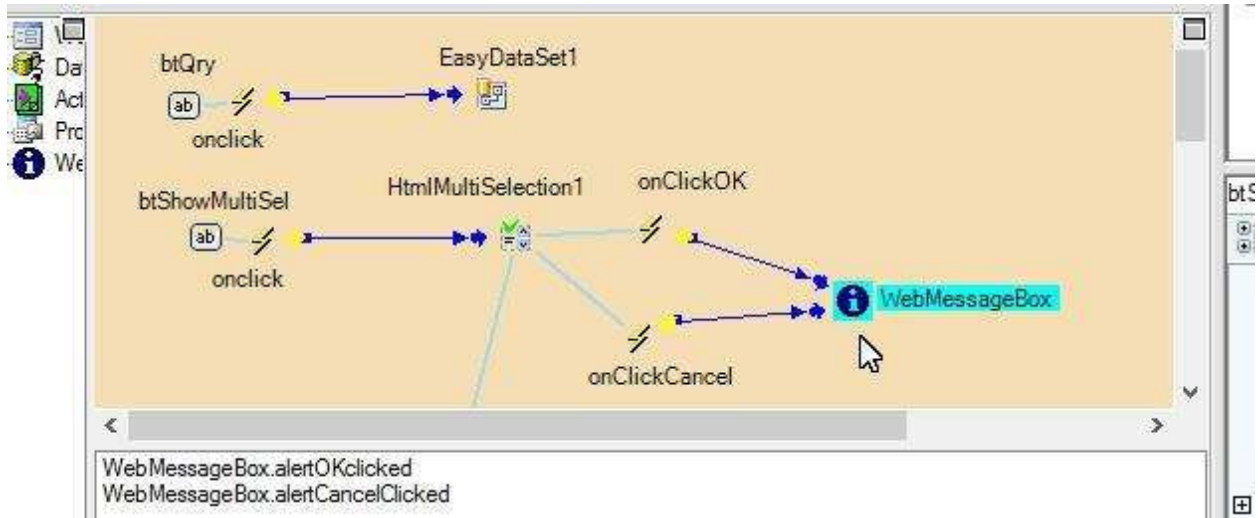
Show List Box

On clicking OK or Cancel buttons , the list box will disappear. We may set Visible property to True to make it appear again. For example, use a button to execute the action:



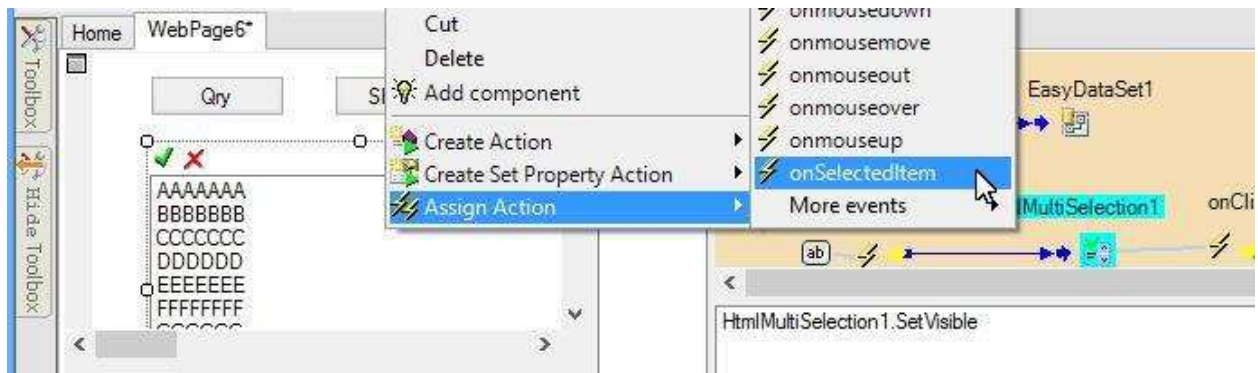
Handle OK and Cancel events

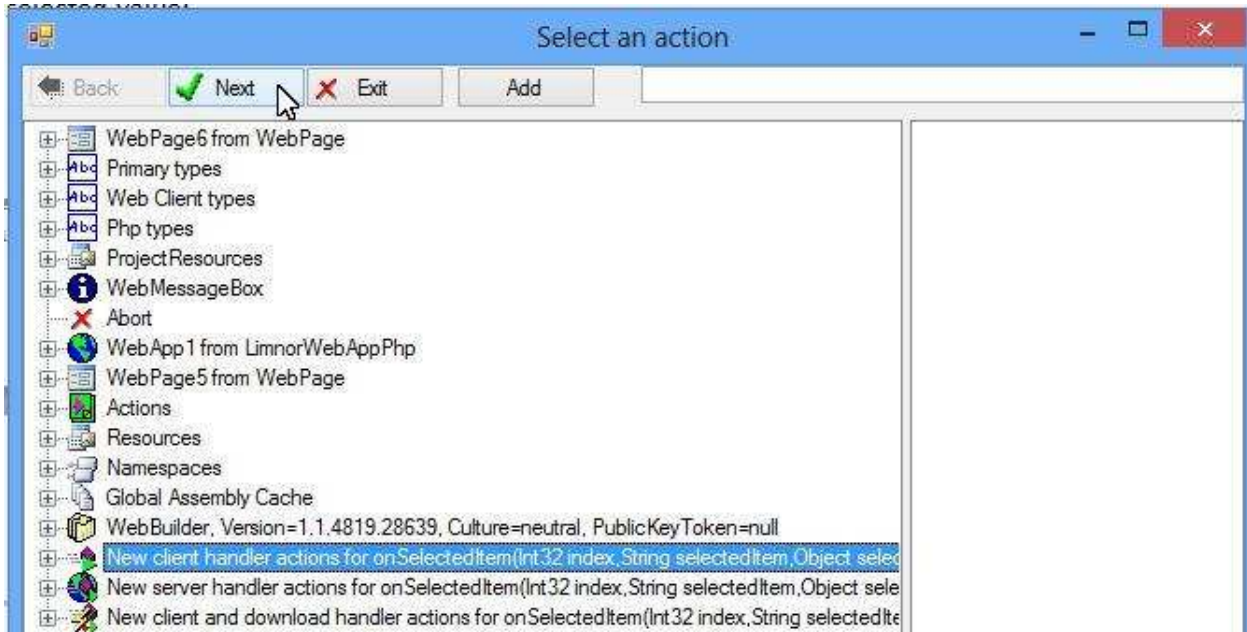
On clicking OK button , event onClickOK occurs. On clicking Cancel button , event onClickCancel occurs. We may handler these events if needed. In this sample, we just show a message box on these events:



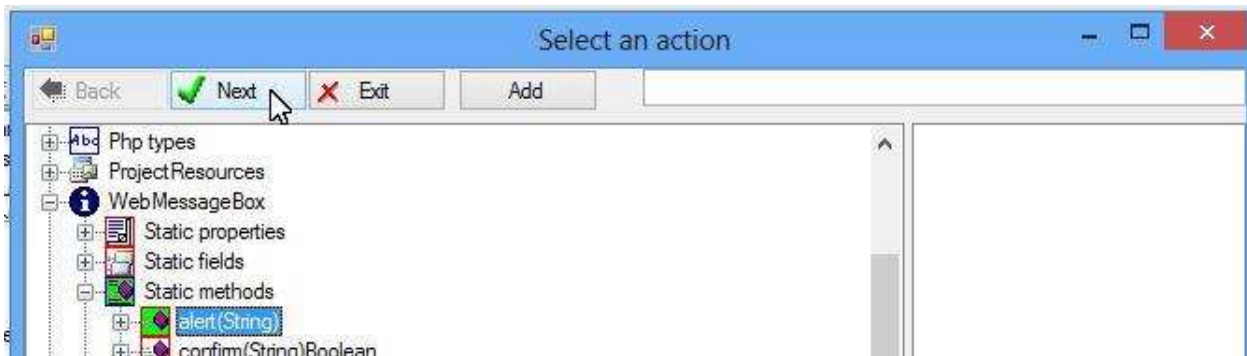
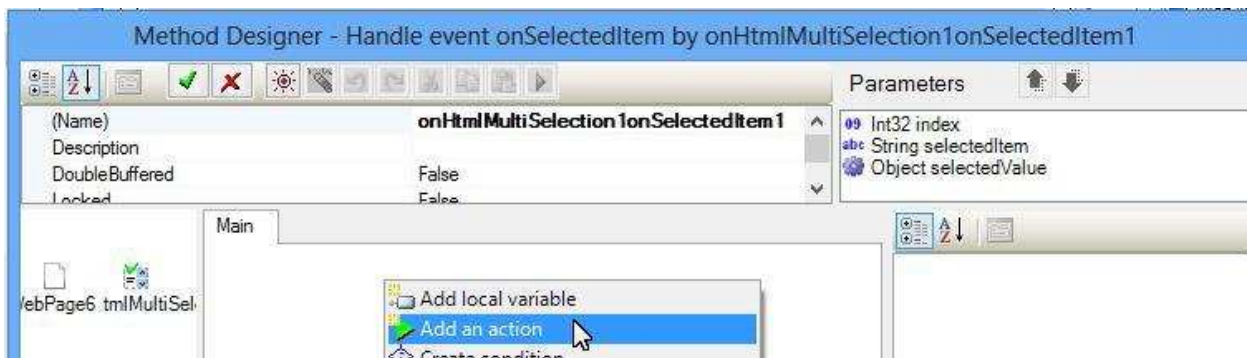
Handle Item-Selection events

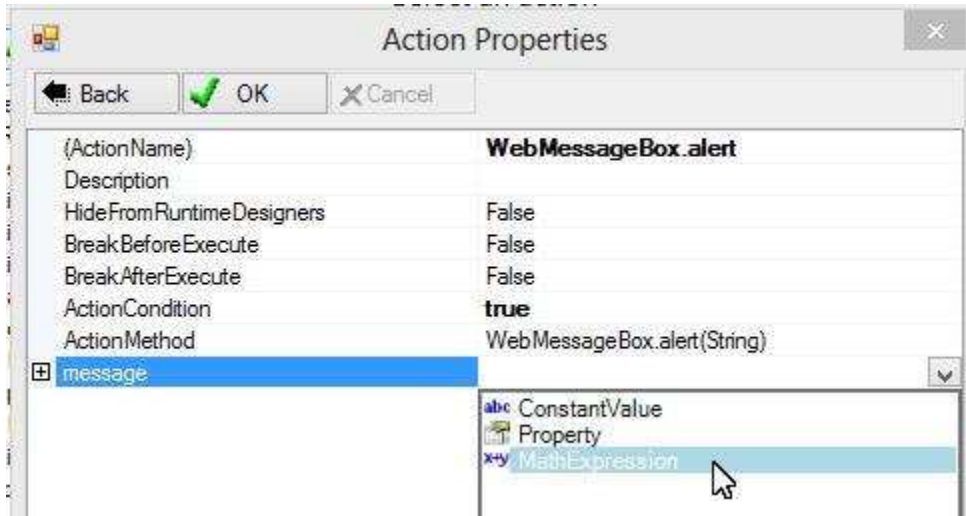
On clicking OK button ✓, event **onClickOK** occurs. After event **onClickOK**, if there are items selected then event **onSelectedItem** occurs for every selected item. We handle **onSelectedItem** to make use of selected items. Usually we want to create an event handler method so that we may use the selected item and selected value:



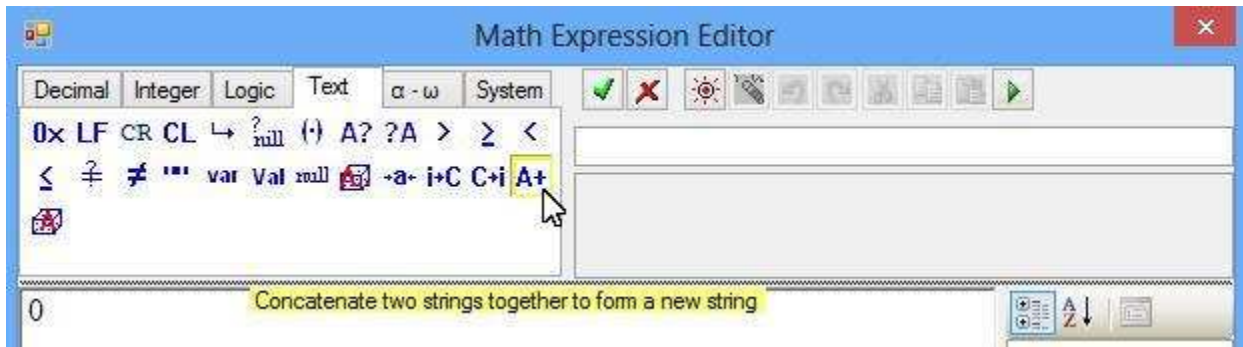


For this sample, we simply show the selected item in a message box:

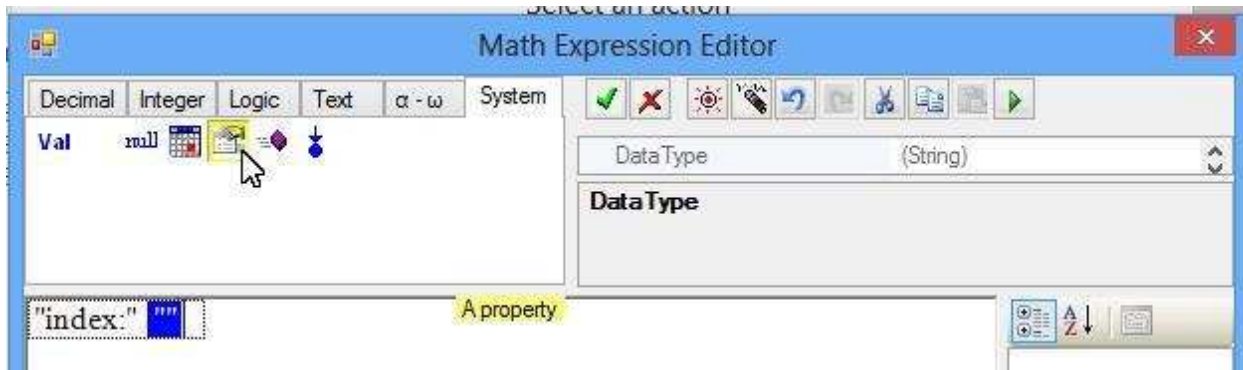




We use string concatenations to form display message:

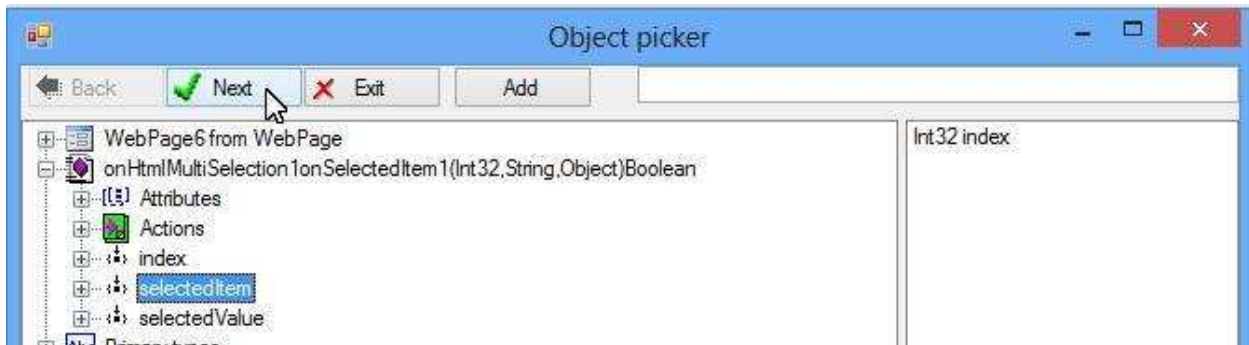
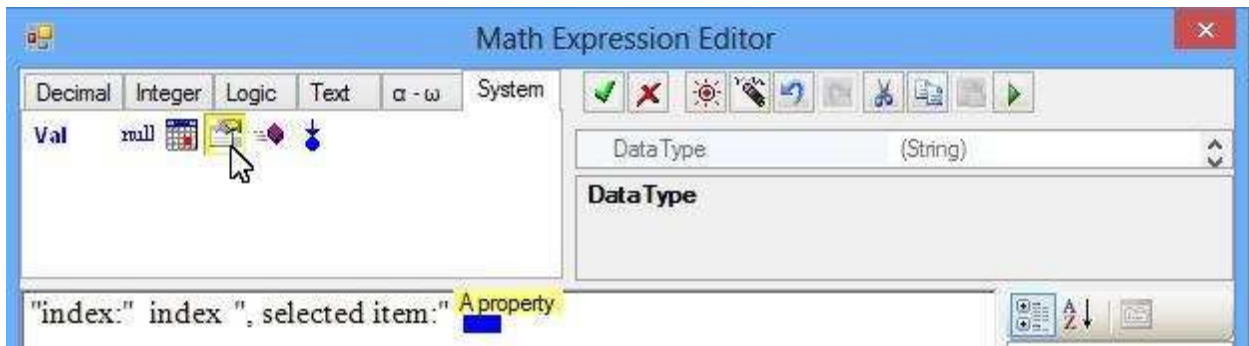
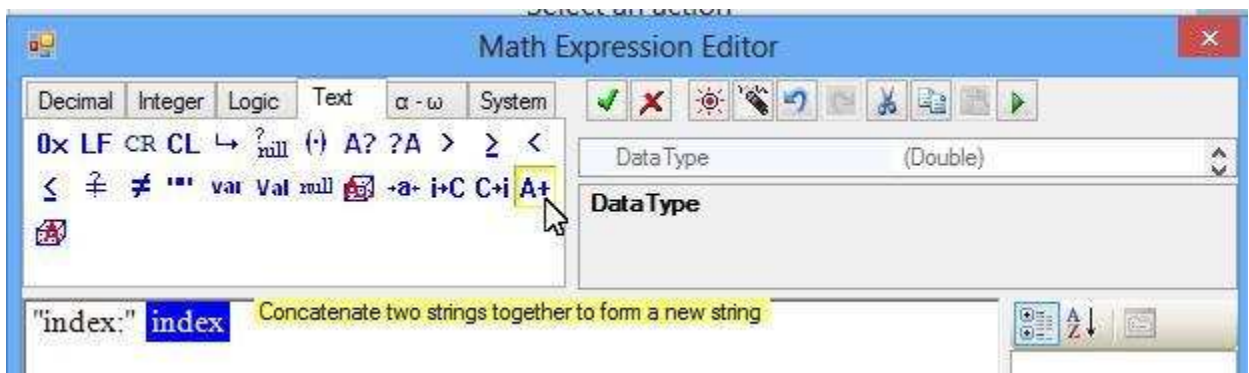


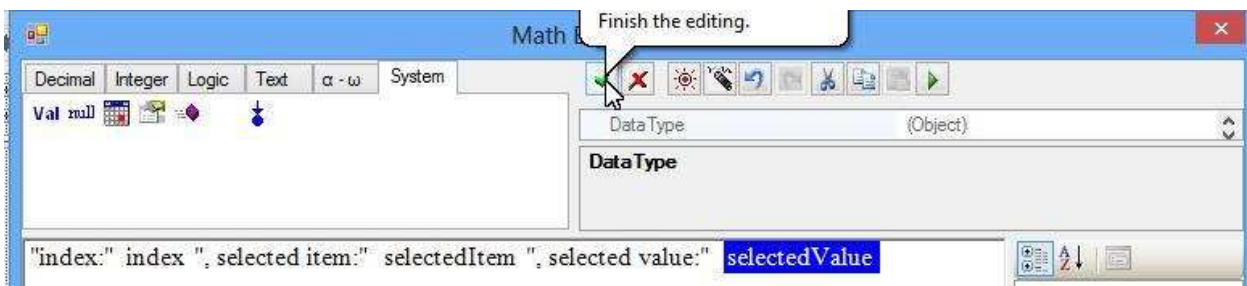
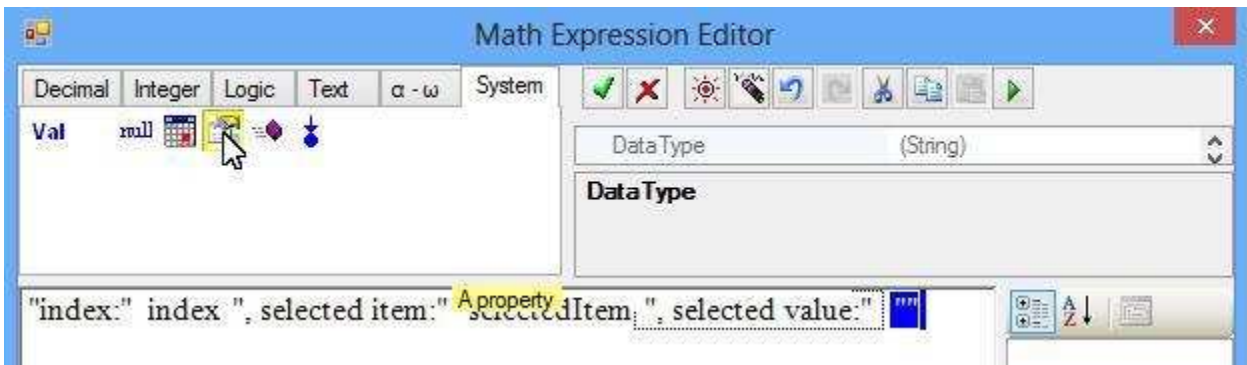
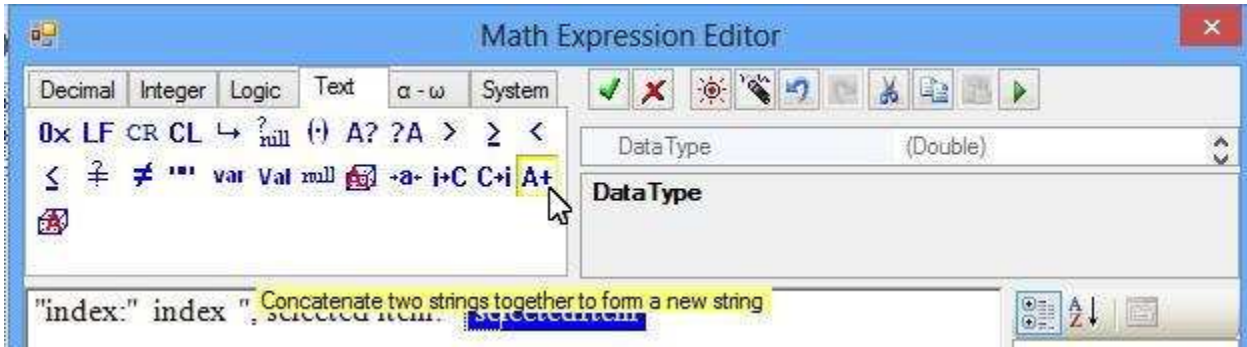
Select property icon to use an event parameter:

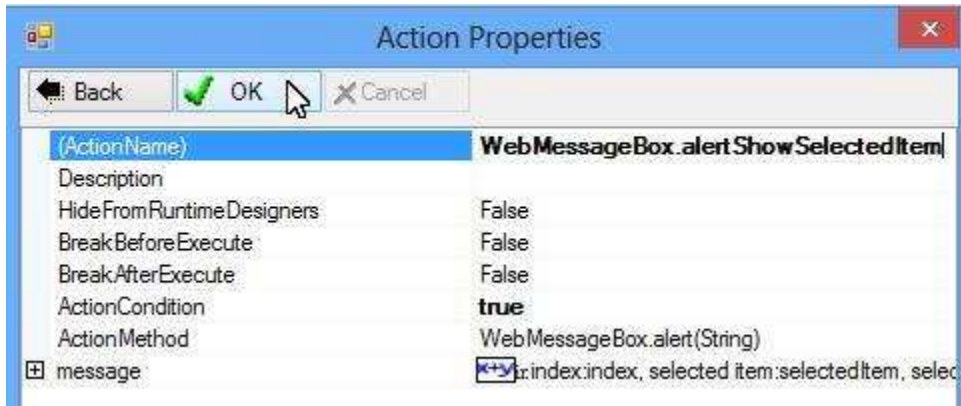




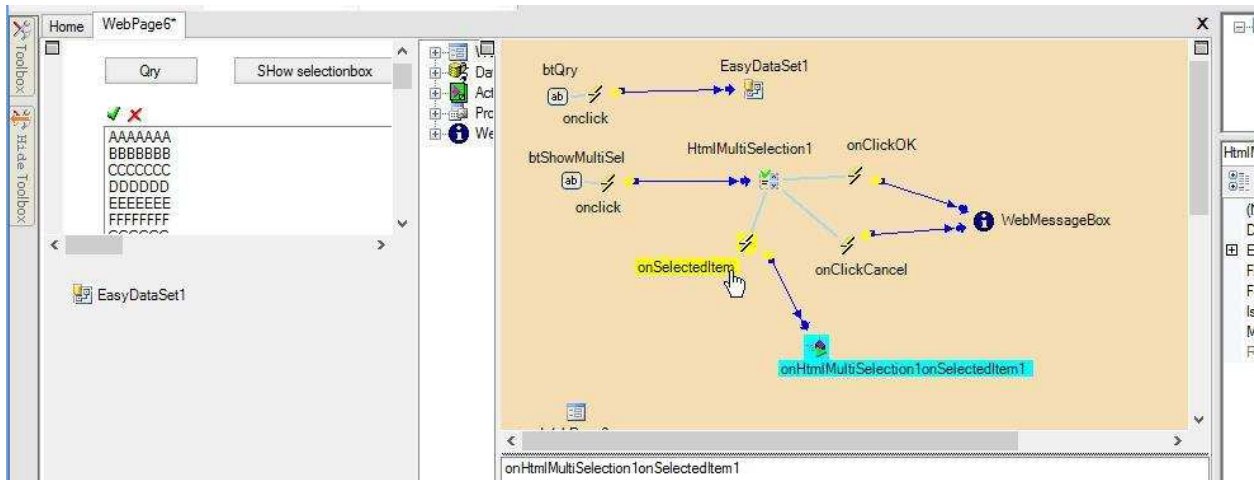
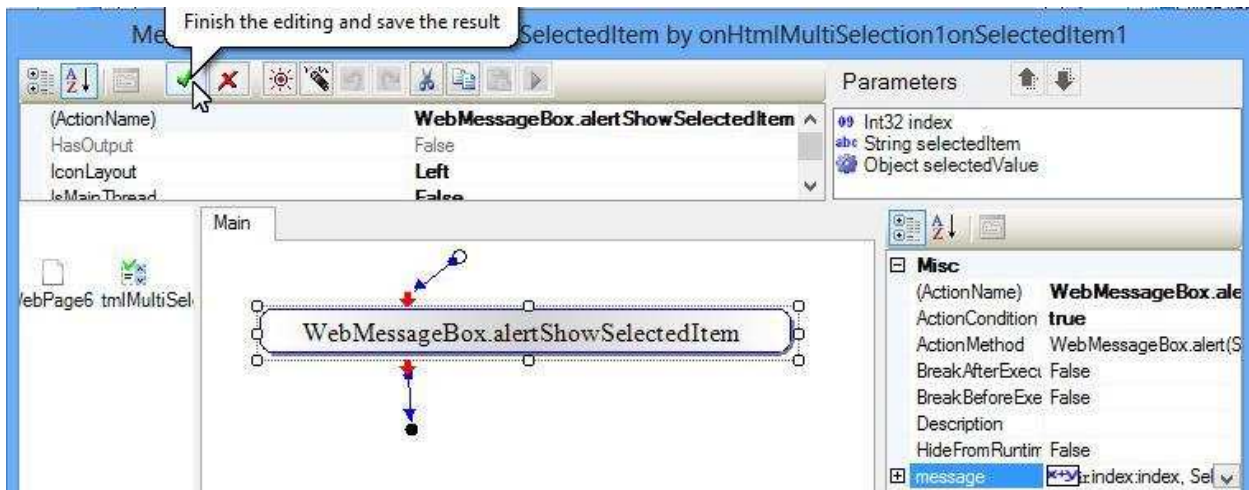
Show more event parameters:





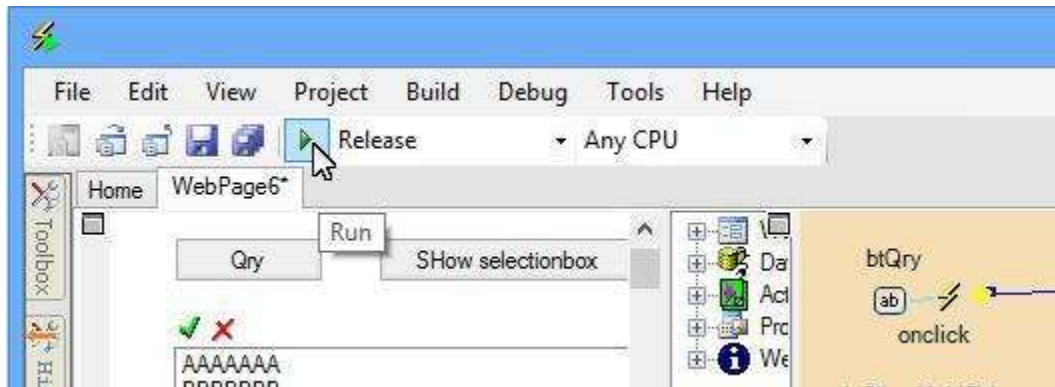


For this sample, that is all we need:

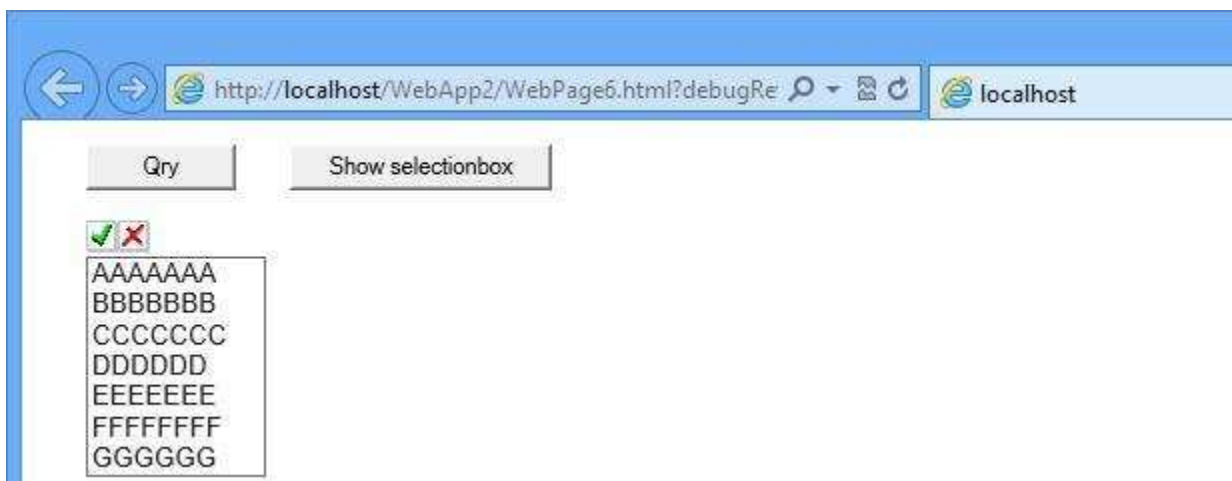


Test

Run the web application,

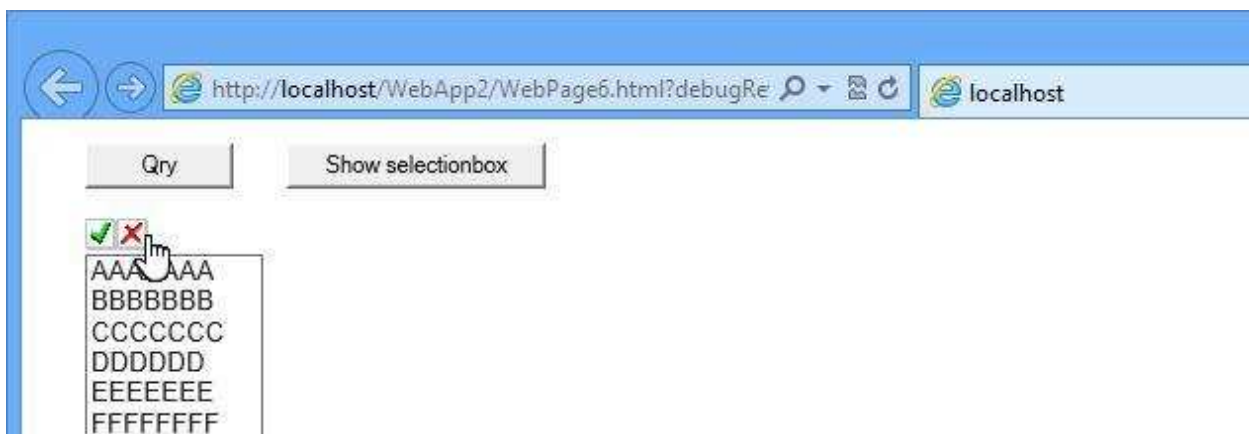


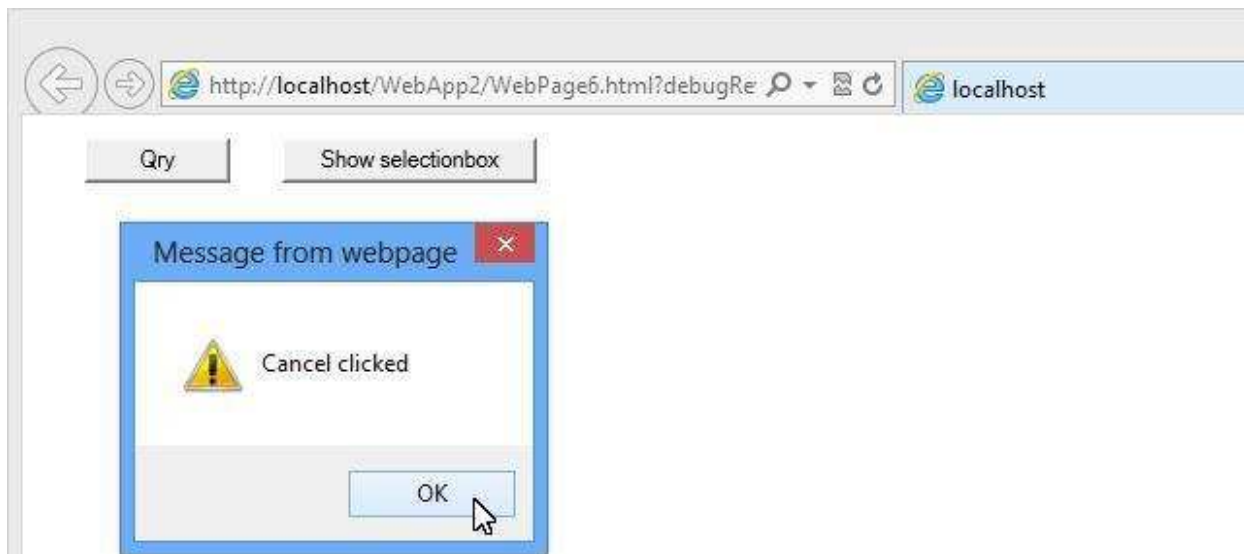
The web page appears:



Cancel Selection

Click **X**, the list box disappears. A message box appears:





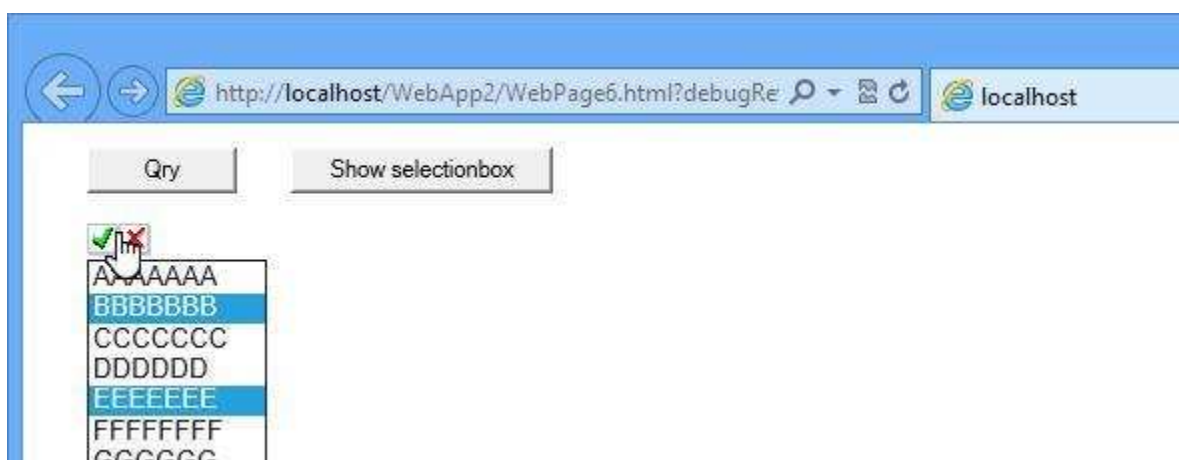
The message box is our sample of handling onClickCancel event.

Make Selections

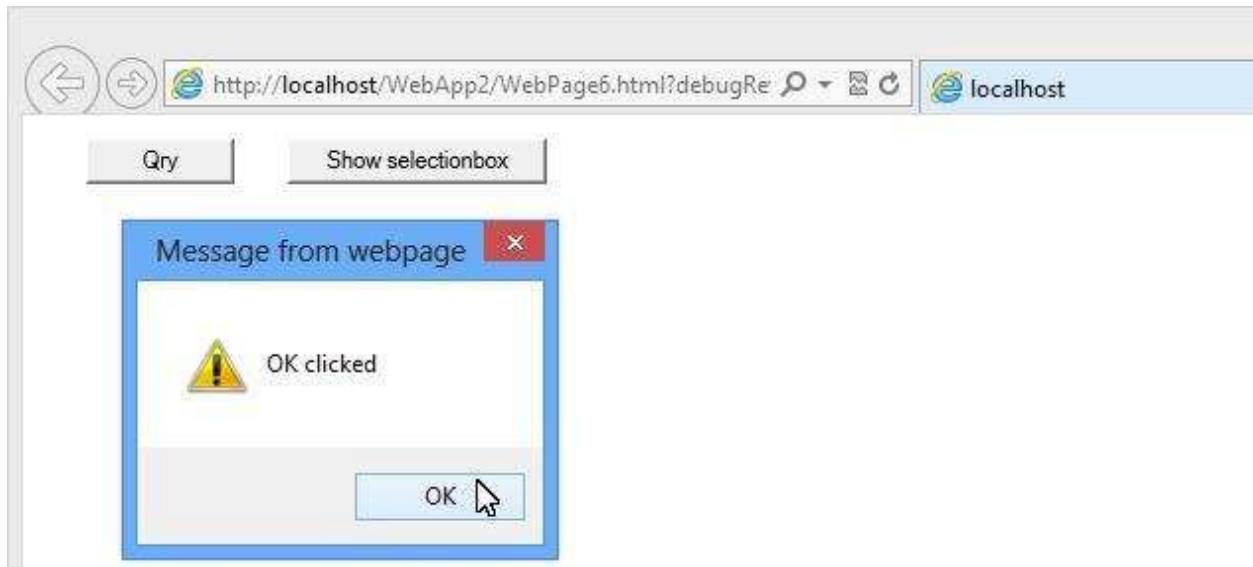
Click the button to bring back the list box:



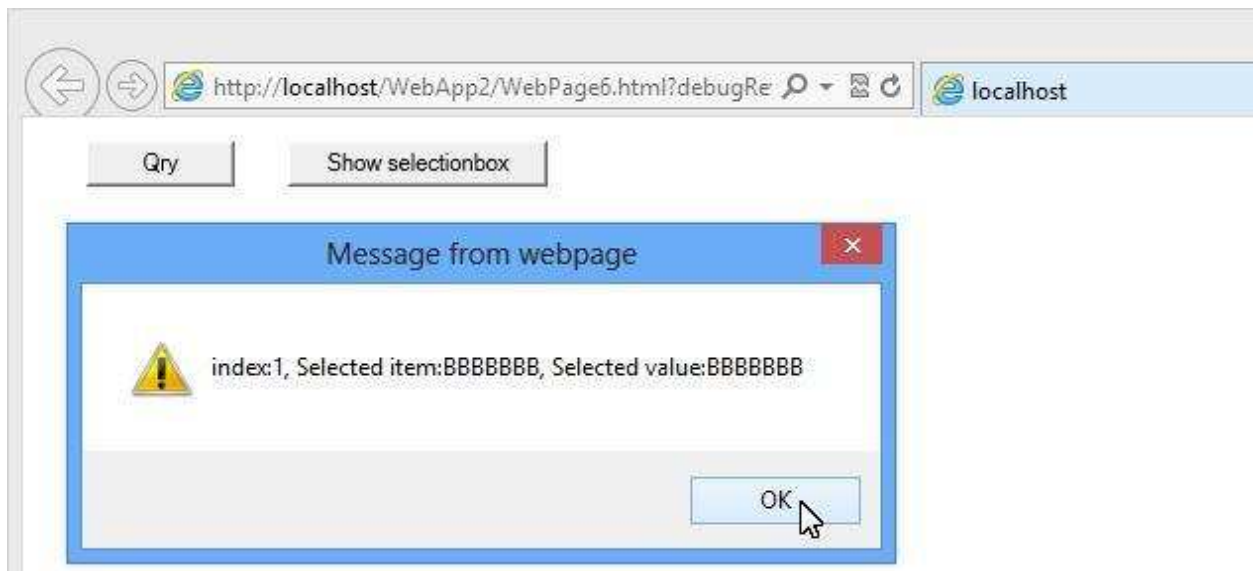
Make some item selections and click ✓



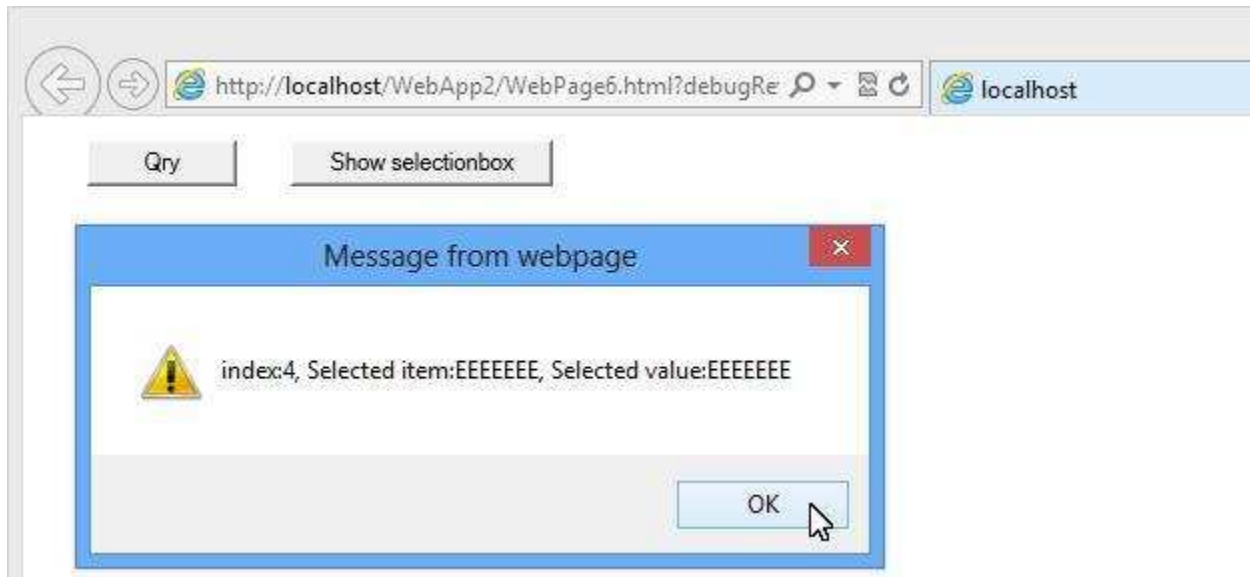
The list box disappears. A message box appears because of our event handling of onClickOK event:



Click OK to dismiss the message box. Another message box appears, showing information about the first selected item, by our handling of event onSelectedItem:



Click OK to dismiss the message box. Another message box appears, showing information about the second selected item, by our handling of event onSelectedItem:



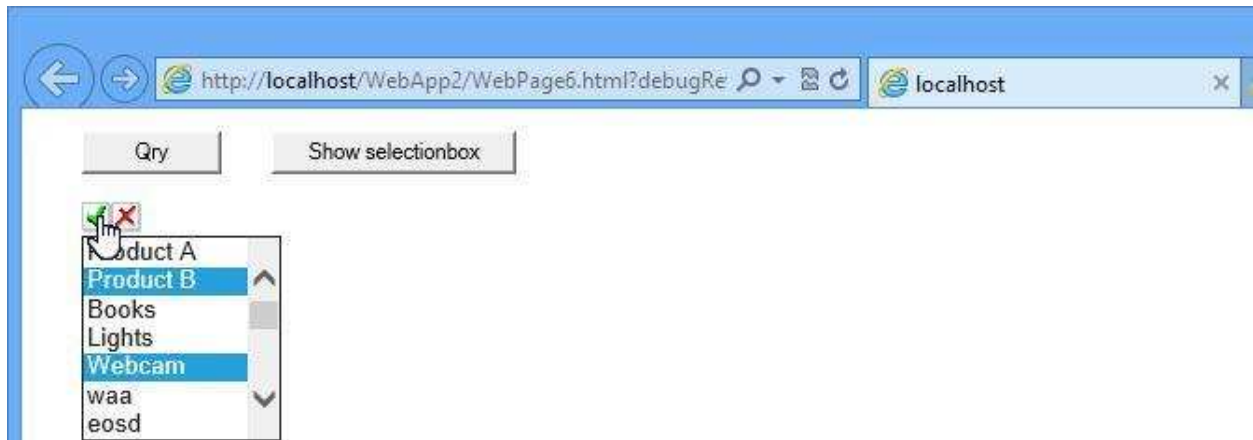
Click OK. No more message box appears because we only selected 2 items.

Use data from database

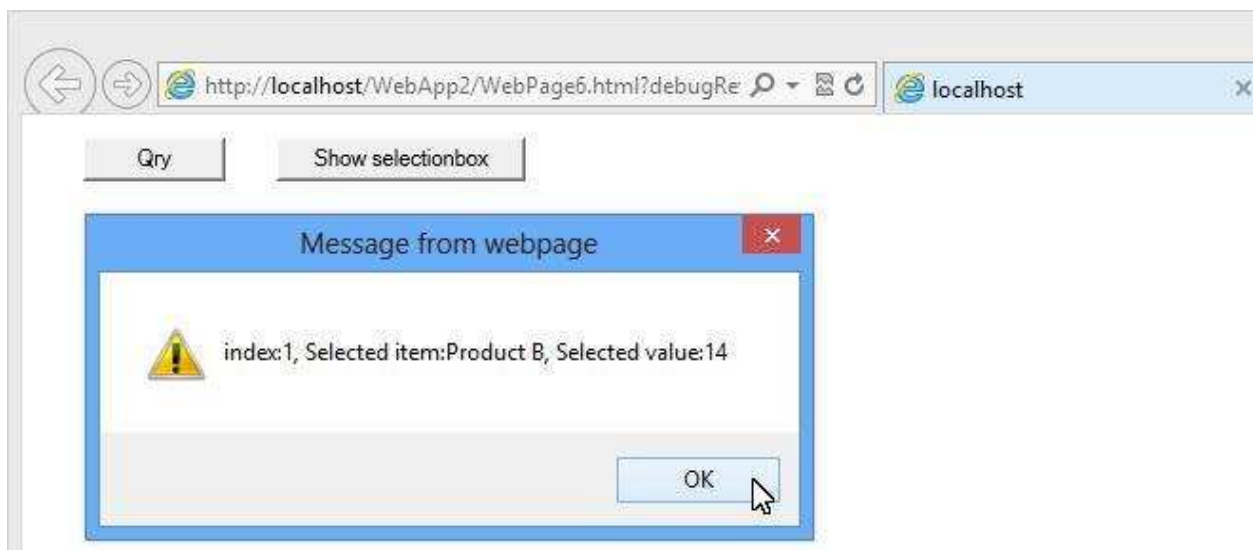
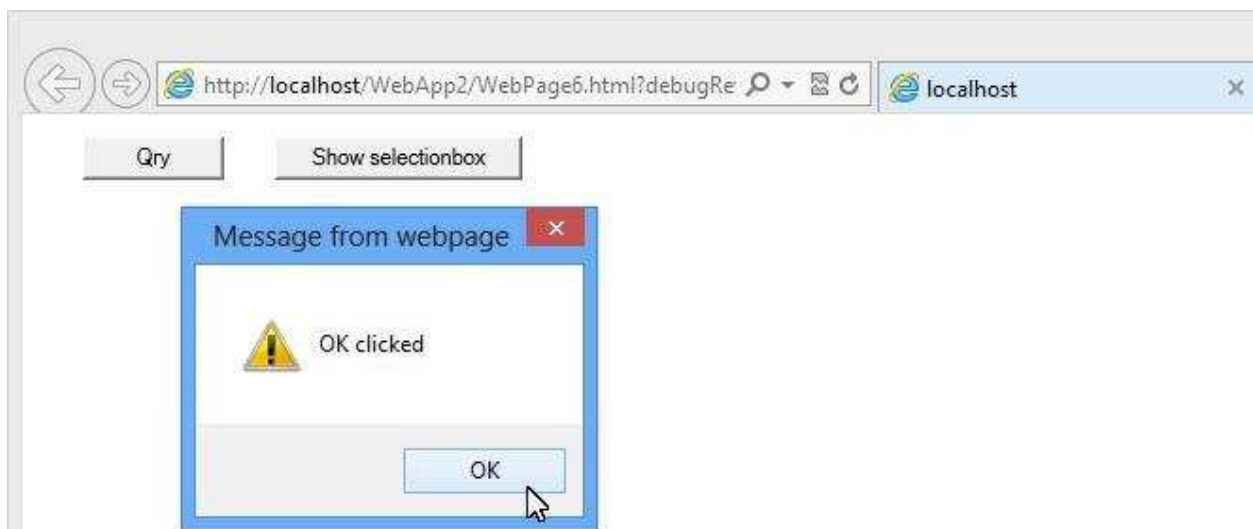
Click "Qry" button to fetch data from the database:

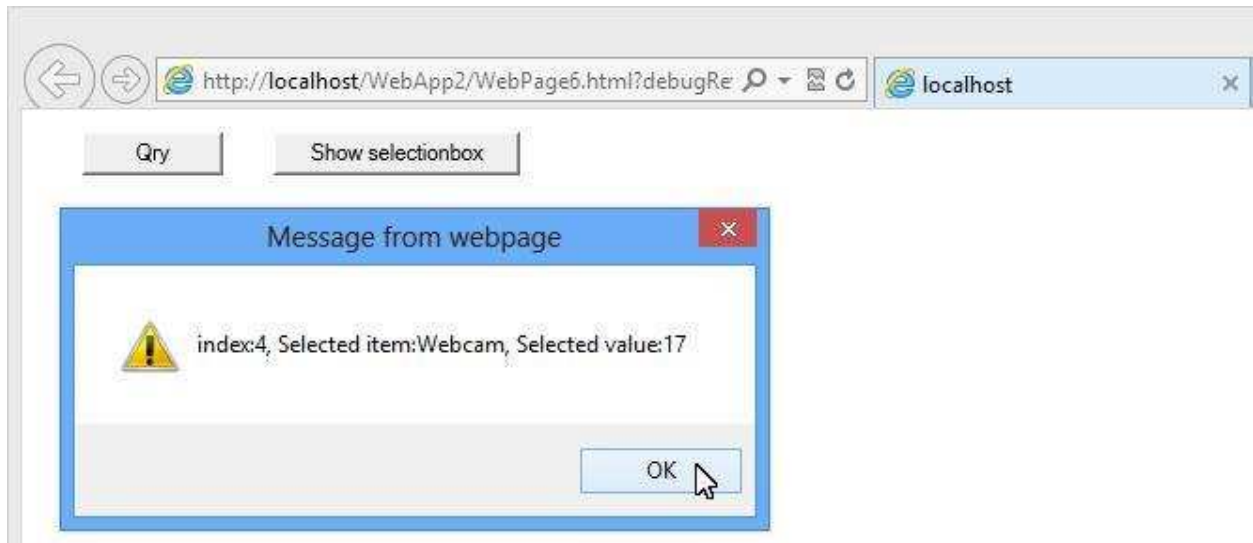


Data arrive at the list box. Select some items and click ✓




We can message boxes appear by our handling of events:








Note that by our data-binding the selected item is the product name and the selected value is the product ID.

Simulate OK and Cancel

HtmlMultiSelection has a method `AcceptSelections`. The result of executing an `AcceptSelections` action is as if the OK button  is clicked.

HtmlMultiSelection has a method `CancelSelections`. The result of executing a `AcceptSelections` action is as if the Cancel button  is clicked.

Hide Default OK and Cancel Buttons

If you do not want to display the default OK and Cancel buttons,  and , then you may set property `HideButtons` to `True`.

Feedbacks

Please send your comment and suggestions to support@limnor.com, thanks!