Чтобы обрабатывать события клавиатуры только на уровне формы без предоставления другим элементам управления возможности получать события клавиатуры, необходимо задать для свойства [KeyPressEventArgs.Handled](http://msdn.microsoft.com/ru-ru/library/system.windows.forms.keypresseventargs.handled.aspx) в методе обработки события KeyPress формы значение true.

Дополнительные сведения об обработке событий см. в разделе [Прием событий](http://msdn.microsoft.com/ru-ru/library/2ccyd347.aspx).

Примеры

В следующем примере кода событие KeyPress используется, чтобы предотвратить ввод элемента управления с помощью символов.

[C#](http://msdn.microsoft.com/ru-ru/library/system.windows.forms.control.keypress.aspx?cs-save-lang=1&cs-lang=csharp#code-snippet-2)

[C++](http://msdn.microsoft.com/ru-ru/library/system.windows.forms.control.keypress.aspx?cs-save-lang=1&cs-lang=cpp#code-snippet-2)

VB

' Boolean flag used to determine when a character other than a number is entered.

Private nonNumberEntered As Boolean = False

' Handle the KeyDown event to determine the type of character entered into the control.

Private Sub textBox1\_KeyDown(sender As Object, e As System.Windows.Forms.KeyEventArgs) \_

 Handles textBox1.KeyDown

 ' Initialize the flag to false.

 nonNumberEntered = False

 ' Determine whether the keystroke is a number from the top of the keyboard.

 If e.KeyCode < Keys.D0 OrElse e.KeyCode > Keys.D9 Then

 ' Determine whether the keystroke is a number from the keypad.

 If e.KeyCode < Keys.NumPad0 OrElse e.KeyCode > Keys.NumPad9 Then

 ' Determine whether the keystroke is a backspace.

 If e.KeyCode <> Keys.Back Then

 ' A non-numerical keystroke was pressed.

 ' Set the flag to true and evaluate in KeyPress event.

 nonNumberEntered = True

 End If

 End If

 End If

 'If shift key was pressed, it's not a number.

 If Control.ModifierKeys = Keys.Shift Then

 nonNumberEntered = true

 End If

End Sub 'textBox1\_KeyDown

' This event occurs after the KeyDown event and can be used

' to prevent characters from entering the control.

Private Sub textBox1\_KeyPress(sender As Object, e As System.Windows.Forms.KeyPressEventArgs) \_

 Handles textBox1.KeyPress

 ' Check for the flag being set in the KeyDown event.

 If nonNumberEntered = True Then

 ' Stop the character from being entered into the control since it is non-numerical.

 e.Handled = True

 End If

End Sub 'textBox1\_KeyPress