

How To Do A Function Only When a Carriage Return Is Entered In A Textbox

by Reverend Fuzzy

Many folks have been asking about the correct way to execute a function, ONLY when a carriage return (aka: return/enter) key has been pressed in a textbox... well; this is how it's done.

Many have tried doing this on the *textBox.Change* method, but found it sets off their chosen function on every key press. I found it was more efficient to make the determination using the *KeyUp* method, instead. In this example, assume your textbox is called "Text1", and the function you want to trigger is called "FunctionToDo"...

```
Private Sub Text1_KeyUp(KeyCode As Integer, Shift As Integer)
  If KeyCode = Asc(vbCr) Then
    Call FunctionToDo()
  End If
  Debug.Print "[key]: " + Trim(Str(KeyCode))
End Sub
```

In this example, each time there is a key press (not a mouse-click) in Text1, the key that was pressed is tested for being equal to the current carriage return character, and if it is, the function in question is thusly executed. A debug statement is kept in, in case you need to test for other trigger keys, at which point, the ASCII code for the key pressed is displayed in your "Immediate" window.