

Forum:[Hack Forums](#)

Thread: [\[VB\] Basic Menu System \[CONSOLE\]](#)

PatientZero - October 3, 2014, 8:55 am

Hello Everyone,

I have decided to throw this code together so you can use it in your own console programs. The menu is VERY basic and can be worked to look a lot better.

The menu system works by having a list of options which can be selected with a number. After you have typed in the number and pressed enter it is then saved to a variable which is then called to display the option chosen.

Like I said it is was a VERY basic project and can be improved if you wish.

Screenshots of It Working:

Default Page:

For Option 1 - 3:

ChangeLog:

Authors:

The Code:

Code Module Module1

Dim choice As Integer

Dim backtomenu As String

Sub Main()

'Menu System Coded By PatientZero

Console.ForegroundColor = ConsoleColor.Red

Console.WriteLine("-----")

Console.ForegroundColor = ConsoleColor.DarkGreen

Console.WriteLine("Basic Menu System By PatientZero")

Console.ForegroundColor = ConsoleColor.Red

Console.WriteLine("-----")

Console.ForegroundColor = ConsoleColor.DarkGreen

Console.WriteLine("1> OPTION 1")

Console.WriteLine("2> OPTION 2")

Console.WriteLine("3> OPTION 3")

Console.WriteLine("4> View ChangeLog")

Console.WriteLine("5> View Authors")

Console.WriteLine("6> Exit")

```

Console.ForegroundColor = ConsoleColor.Red
Console.WriteLine("-----")
Console.ForegroundColor = ConsoleColor.DarkGreen
choice = Console.ReadLine()

Console.WriteLine()

Select Case choice
    Case Is = 1
        Option1()
    Case Is = 2
        Option2()
    Case Is = 3
        Option3()
    Case Is = 4
        ChangeLog()
    Case Is = 5
        Authors()
    Case Is = 6
        MenuExit()
End Select
End Sub

Sub Option1()
    Console.Clear()
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("Temporary Placeholder For Option 1")
    Console.WriteLine()
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")
    backtomenu = Console.ReadLine()
    MenuReturn()
End Sub

Sub Option2()
    Console.Clear()
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("Temporary Placeholder For Option 2")
    Console.WriteLine()
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")
    backtomenu = Console.ReadLine()
    MenuReturn()
End Sub

Sub Option3()
    Console.Clear()
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("Temporary Placeholder For Option 3")
    Console.WriteLine()
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")
    backtomenu = Console.ReadLine()
    MenuReturn()
End Sub

```

```

Sub ChangeLog()
    Console.Clear()
    Console.WriteLine("~~~~~ CHANGELOG ~~~~~")
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("[+] Version 1.0 Of Basic Menu System")
    Console.WriteLine()
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")
    backtomenu = Console.ReadLine()
    MenuReturn()
End Sub

```

```

Sub Authors()
    Console.Clear()
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("Program Name: Basic Menu System")
    Console.WriteLine("Program Author: PatientZero")
    Console.WriteLine("Last Updated: 03/10/2014")
    Console.WriteLine()
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")
    backtomenu = Console.ReadLine()
    MenuReturn()
End Sub

```

```

Sub MenuReturn()
    If backtomenu = "M" Then
        Console.Clear()
        Main()
    Else
        MenuExit()
    End If
End Sub

Sub MenuExit()
    Console.Clear()
    Console.ForegroundColor = ConsoleColor.Green
    Console.WriteLine("Thank You For Using Our Program")
    Console.WriteLine("Basic Menu System Coded By PatientZero")
    Console.WriteLine()
    Console.WriteLine("Please Press ENTER To Confirm Exit")
    Console.ReadLine()
End Sub

```

End Module

TheBarret - October 3, 2014, 9:17 am

Code choice = Console.ReadLine()

This does not make sense to me, you waiting for a single key input not a line.

Now once you change that to Char you can also change this:

```

Code Select Case char
    Case "1"c : do stuff....
End Select
- B

```

PatientZero - October 3, 2014, 9:23 am

(Oct 3, 2014 09:17 AM)TheBarret Wrote: [\[CITE\]](#) Code choice = Console.ReadLine()
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Now once you change that to Char you can also change this:

```
Code Select Case char
  Case "1"c : do stuff....
End Select
```

- B

That is very true indeed,

This is just the way I have decided to program in VB Console since Day 1.

Zettabit - October 3, 2014, 5:41 pm

(Oct 3, 2014 09:17 AM)TheBarret Wrote: [\[CITE\]](#) Code choice = Console.ReadLine()
This does not make sense to me, you waiting for a single key input not a line.

Now once you change that to Char you can also change this:

```
Code Select Case char
  Case "1"c : do stuff....
End Select
```

- B

How is he waiting for a "single key"? He's not using .ReadKey(), .ReadLine() is different.

ReadLine: [http://msdn.microsoft.com/en-us/library/system.console.readline\(v=vs.110\).aspx](http://msdn.microsoft.com/en-us/library/system.console.readline(v=vs.110).aspx)

ReadKey: [http://msdn.microsoft.com/en-us/library/system.console.readkey\(v=vs.110\).aspx](http://msdn.microsoft.com/en-us/library/system.console.readkey(v=vs.110).aspx)

xMoD - October 3, 2014, 5:55 pm

(Oct 3, 2014 05:41 PM)Zettabit Wrote: [\[CITE\]](#) How is he waiting for a "single key"? He's not using .ReadKey(), .ReadLine() is different.

ReadLine: [http://msdn.microsoft.com/en-us/library/system.console.readline\(v=vs.110\).aspx](http://msdn.microsoft.com/en-us/library/system.console.readline(v=vs.110).aspx)

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Thats what hes saying.

Hes asking why wait for a return, instead why not use .ReadKey().

See OP's code:

```
choice = Console.ReadLine()
```

TheBarret says to use

```
Console.Readkey().
```

Simple.

Zettabit - October 3, 2014, 9:27 pm

(Oct 3, 2014 05:55 PM)xMoD Wrote: [\[CITE\]](#) Thats what hes saying.
Hes asking why wait for a return, instead why not use .ReadKey().

See OP's code:

```
choice = Console.ReadLine()
```

TheBarret says to use

Console.ReadKey().

Simple.

Ah, I misinterpreted his statement, my bad. It's been a long night...

\$lick - October 3, 2014, 9:53 pm

```
Code Sub Option2()  
    Console.Clear()  
    Console.ForegroundColor = ConsoleColor.Green  
    Console.WriteLine("Temporary Placeholder For Option 2")  
    Console.WriteLine()  
    Console.WriteLine("To Return To Menu Press M, Or To Exit Press ENTER")  
    backtomenu = Console.ReadLine()  
    MenuReturn()  
End Sub
```

This is useless, use a function.

Odus - October 4, 2014, 1:39 am

(Oct 3, 2014 09:53 PM)?Lazy™ Wrote: [\[CITE\]](#) This is useless, use a function.

The entire thing is useless mate, not just that sub. ?

TheBarret - October 4, 2014, 4:55 am

(Oct 3, 2014 05:41 PM)Zettabit Wrote: [\[CITE\]](#) How is he waiting for a "single key"? He's not using .ReadKey(), .ReadLine() is different.

ReadLine: [http://msdn.microsoft.com/en-us/library/system.console.readline\(v=vs.110\).aspx](http://msdn.microsoft.com/en-us/library/system.console.readline(v=vs.110).aspx)

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I dont think you understand what their made for.

let me rephrase that; He is waiting for a single char, with the Console.ReadKey() is doing just that. he is using the Readline().

420 Blaze It - October 4, 2014, 4:56 am

Interesting, wouldn't it be easier to code it in batch?

PatientZero - October 4, 2014, 5:47 am

(Oct 4, 2014 04:56 AM)420 Blaze It Wrote: [\[CITE\]](#) Interesting, wouldn't it be easier to code it in batch? Maybe,

I just prefer VB and C++ than the rest ?

(Oct 4, 2014 04:55 AM)TheBarret Wrote: [\[CITE\]](#) I dont think you understand what their made for.

let me rephrase that; He is waiting for a single char, with the Console.ReadKey() is doing just that. he is using the Readline().

Oh yes,

I will use a ReadKey() instead next time :)

Thanks for the feedback :D

TheVBNetwork - October 5, 2014, 9:31 am

(Oct 4, 2014 04:56 AM)420 Blaze It Wrote: [\[CITE\]](#) Interesting, wouldn't it be easier to code it in batch?

Well for 1, batch isn't a programming language its a script language

and 2, batch is so limited because its not indented for anything apart from core system functions.

TheBarret - *October 5, 2014, 10:35 am*

(Oct 5, 2014 09:31 AM)TheVBNetwork Wrote: [\[CITE\]](#) Well for 1, batch isn't a programming language its a script language

and 2, batch is so limited because its not indented for for anything apart from core system functions.

Hmmz well im about to raise my current project to a new level wich involves a script engine i development myself where i want to add the ability to create custom forms and what not.

its pretty long project im working on but it resembles a syntax that is derived or better said influenced from C#, VB and Ruby.

If your intrested, pm me about it ^^