

Forum:[Hack Forums](#)

Thread: [Matrix Code \[C#\]](#)

Obi-Wan Cannabis - April 9, 2011, 6:47 pm

There's probably a thousand of this on the forum but there's always new people around here so I'm going to post this...

This is how it will look like:

[img]http://i.min.us/ikBPwK.png[/img]

Step 1) Start a new console application in C#.

Step 2) Delete every line of code and paste this code (I didn't coded this, just found it on the netz and thought about sharing it):

Code #define readkey

using System;

namespace m7tr1x

```
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.Title = "Dos monitor";
            Console.ForegroundColor = ConsoleColor.DarkGreen;
            Console.WindowLeft = Console.WindowTop = 0;
            Console.WindowHeight = Console.BufferHeight = Console.LargestWindowHeight;
            Console.WindowWidth = Console.BufferWidth = Console.LargestWindowWidth;
```

#if readkey

#endif

```
        Console.CursorVisible = false;
        int width, height;
        int[] y;
        int[] l;
        Initialize(out width, out height, out y, out l);
        int ms;

        while (true)
        {
            DateTime t1 = DateTime.Now;
            MatrixStep(width, height, y, l);
            ms = 10 - (int)((TimeSpan)(DateTime.Now - t1)).TotalMilliseconds;

            if (ms > 0)
                System.Threading.Thread.Sleep(ms);
```

```

        if (Console.KeyAvailable)
            if (Console.ReadKey().Key == ConsoleKey.F5)
                Initialize(out width, out height, out y, out l);
    }
}

static bool thistime = false;

private static void MatrixStep(int width, int height, int[] y, int[] l)
{
    int x;
    thistime = !thistime;

    for (x = 0; x < width; ++x)
    {
        if (x % 11 == 10)
        {
            if (!thistime)
                continue;

            Console.ForegroundColor = ConsoleColor.White;
        }
        else
        {
            Console.ForegroundColor = ConsoleColor.DarkGreen;
            Console.SetCursorPosition(x, inBoxY(y[x] - 2 - (l[x] / 40 * 2), height));
            Console.Write(R);
            Console.ForegroundColor = ConsoleColor.Green;
        }
        Console.SetCursorPosition(x, y[x]);
        Console.Write(R);
        y[x] = inBoxY(y[x] + 1, height);
        Console.SetCursorPosition(x, inBoxY(y[x] - l[x], height));
        Console.Write(' ');
    }
}

private static void Initialize(out int width, out int height, out int[] y, out int[] l)
{
    int h1;
    int h2 = (h1 = (height = Console.WindowHeight) / 2) / 2;
    width = Console.WindowWidth - 1;
    y = new int[width];
    l = new int[width];
    int x;
    Console.Clear();
    for (x = 0; x < width; ++x)
    {
        y[x] = r.Next(height);
        l[x] = r.Next(h2 * ((x % 11 != 10) ? 2 : 1), h1 * ((x % 11 != 10) ? 2 : 1));
    }
}

```

```

static Random r = new Random();

static char R
{
    get
    {
        int t = r.Next(10);
        if (t <= 2)
            return (char)('0' + r.Next(10));
        else if (t <= 4)
            return (char)('a' + r.Next(27));
        else if (t <= 6)
            return (char)('A' + r.Next(27));
        else
            return (char)(r.Next(32, 255));
    }
}

public static int inBoxY(int n, int height)
{
    n = n % height;
    if (n < 0)
        return n + height;
    else
        return n;
}
}

```

Step 3) Save it and build it.

Step 4) Go to bin folder, run it and enjoy. ??

Alison Wonderland - April 9, 2011, 6:50 pm

this looks mean!

im going to test it right now.

will it work in Visual C# 2008?

vullux - April 9, 2011, 6:50 pm

Awesome, im trying to learn C# ^^

Obi-Wan Cannabis - April 9, 2011, 6:55 pm

(Apr 9, 2011 06:50 PM)Uknown_Hacker Wrote: [\[CITE\]](#) this looks mean!

im going to test it right now.

will it work in Visual C# 2008?

Yes. I guess so! ?

besimbicer - April 9, 2011, 6:55 pm

wow its really nice thanks you bro +1 rap

Obi-Wan Cannabis - April 9, 2011, 6:55 pm

(Apr 9, 2011 06:50 PM)vullux Wrote: [\[CITE\]](#) Awesome, im trying to learn C# ^^

Kewl! Enjoy mate... ?

(Apr 9, 2011 06:55 PM)besimbicer Wrote: [\[CITE\]](#) wow its really nice thanks you bro +1 rap

Thanks for the "rap" bro! ?

Alison Wonderland - April 9, 2011, 6:59 pm

Works Great. I think it just needs to be faster then it will look awesome

edit

Make less code replace

```
Code Console.WindowHeight = Console.BufferHeight = Console.LargestWindowHeight;  
    Console.WindowWidth = Console.BufferWidth = Console.LargestWindowWidth;  
with
```

```
Code Console.SetWindowSize(Console.LargestWindowWidth, Console.LargestWindowHeight);
```

Hodgy - April 9, 2011, 8:02 pm

I remember making one of these when I was learning c#.

DrNorton - April 9, 2011, 9:09 pm

haha cool code, :) i cant wait to learn more.

Jinxyy - April 10, 2011, 10:35 am

Hey, nice code stuff. I'm making a program that makes you look like a pro hacker when you show it to others, and this will add into my collection (ofcourse, credits).

One thing im just asking is how can I make a smaller window of it, instead of full screen? I changed:

```
Console.WindowHeight = Console.BufferHeight = Console.LargestWindowHeight;  
Console.WindowWidth = Console.BufferWidth = Console.LargestWindowWidth;
```

Into:

```
Console.WindowHeight = 740;  
Console.WindowWidth = 300;
```

But it doesnt work, gives me an error when I try to debug. Any help? I'd like to resize it to normal CMD size.

tw0n - April 10, 2011, 10:41 am

Aha, never seen that before. It looks jokes.

(Apr 10, 2011 10:35 AM)Nexus Wrote: [\[CITE\]](#) Hey, nice code stuff. I'm making a program that makes you look like a pro hacker when you show it to others, and this will add into my collection (ofcourse, credits).

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Console.WindowHeight = 740;  
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```

But it doesnt work, gives me an error when I try to debug. Any help? I'd like to resize it to normal CMD size.

Just delete the two following lines and it will be the default size:

```
Code Console.WindowHeight = Console.BufferHeight = Console.LargestWindowHeight;  
Console.WindowWidth = Console.BufferWidth = Console.LargestWindowWidth;
```

Obi-Wan Cannabis - April 10, 2011, 11:07 am

(Apr 10, 2011 10:35 AM)Nexus Wrote: [\[CITE\]](#) Hey, nice code stuff. I'm making a program that makes you look like a pro hacker when you show it to others, and this will add into my collection (ofcourse, credits).

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Into:

```
Console.WindowHeight = 740;  
Console.WindowWidth = 300;
```

But it doesnt work, gives me an error when I try to debug. Any help? I'd like to resize it to normal CMD size.

I guess tw0n answered it for me. ?

(Apr 10, 2011 10:41 AM)tw0n Wrote: [\[CITE\]](#) Just delete the two following lines and it will be the default size:

```
Code Console.WindowHeight = Console.BufferHeight = Console.LargestWindowHeight;  
Console.WindowWidth = Console.BufferWidth = Console.LargestWindowWidth;
```

?Ñåg?l - September 1, 2011, 7:11 pm

Looks awesome

And since my Dos is blue instead of lame black it makes it even cooler

Xori - September 1, 2011, 7:38 pm

By the way if you want to troll a computer store (well, it's customers), go to a computer that's turned on, open up CMD, type in

```
color a  
tree C:\
```

(° ? °) - September 1, 2011, 8:31 pm

Nice program! If i have time I'm gonna convert this to a screensaver soon. ?

VB Converted:

```
Code #Const readkey = True
```

```
Imports System
```

```
Namespace m7tr1x
```

```
    Friend Class Program
```

```
        Shared Sub Main(ByVal args() As String)
```

```
            Console.Title = "Dos monitor"
```

```
            Console.ForegroundColor = ConsoleColor.DarkGreen
```

```
            Console.WindowTop = 0
```

```
            Console.WindowLeft = Console.WindowTop
```

```
            Console.BufferHeight = Console.LargestWindowHeight
```

```
            Console.WindowHeight = Console.BufferHeight
```

```
            Console.BufferWidth = Console.LargestWindowWidth
```

```
            Console.WindowWidth = Console.BufferWidth
```

```
#If readkey Then
```

```
#End If
```

```
    Console.CursorVisible = False
```

```
    Dim width, height As Integer
```

```
    Dim y() As Integer
```

```
    Dim l() As Integer
```

```
    Initialize(width, height, y, l)
```

```
    Dim ms As Integer
```

```
    Do
```

```
        Dim t1 As Date = Date.Now
```

```
        MatrixStep(width, height, y, l)
```

```
        ms = 10 - CInt(Fix((CType(Date.Now.Subtract(t1), TimeSpan)).TotalMilliseconds))
```

```
    If ms > 0 Then
```

```
        System.Threading.Thread.Sleep(ms)
```

```
    End If
```

```
    If Console.KeyAvailable Then
```

```
        If Console.ReadKey().Key = ConsoleKey.F5 Then
```

```
            Initialize(width, height, y, l)
```

```
        End If
```

```
    End If
```

```
    Loop
```

```
End Sub
```

```
Private Shared thistime As Boolean = False
```

```
Private Shared Sub MatrixStep(ByVal width As Integer, ByVal height As Integer, ByVal y() As Integer, ByVal l() As Integer)
```

```
    Dim x As Integer
```

```
    thistime = Not thistime
```

```

For x = 0 To width - 1
If x Mod 11 = 10 Then
If Not thistime Then
Continue For
End If

```

```

Console.ForegroundColor = ConsoleColor.White
Else
Console.ForegroundColor = ConsoleColor.DarkGreen
Console.SetCursorPosition(x, inBoxY(y(x) - 2 - (l(x) \ 40 * 2), height))
Console.Write(R)
Console.ForegroundColor = ConsoleColor.Green
End If
Console.SetCursorPosition(x, y(x))
Console.Write(R)
y(x) = inBoxY(y(x) + 1, height)
Console.SetCursorPosition(x, inBoxY(y(x) - l(x), height))
Console.Write(" "c)
Next x
End Sub

```

```

Private Shared Sub Initialize(<System.Runtime.InteropServices.Out()> ByRef width As Integer,
<System.Runtime.InteropServices.Out()> ByRef height As Integer,
<System.Runtime.InteropServices.Out()> ByRef y() As Integer,
<System.Runtime.InteropServices.Out()> ByRef l() As Integer)
Dim h1 As Integer
'INSTANT VB TODO TASK: Assignments within expressions are not supported in VB.NET
'ORIGINAL LINE: int h2 = (h1 = (height = Console.WindowHeight) / 2) / 2;
Dim h2 As Integer = (h1 = (height = Console.WindowHeight) / 2) / 2
width = Console.WindowWidth - 1
y = New Integer(width - 1) {}
l = New Integer(width - 1) {}
Dim x As Integer
Console.Clear()
For x = 0 To width - 1
y(x) = r_Renamed.Next(height)
l(x) = r_Renamed.Next(h2 * (If((x Mod 11 <> 10), 2, 1)), h1 * (If((x Mod 11 <> 10), 2, 1)))
Next x
End Sub

```

'INSTANT VB NOTE: The variable r was renamed since Visual Basic does not allow class members with the same name:

```

Private Shared r_Renamed As New Random()

```

```

Private Shared ReadOnly Property R() As Char
Get
Dim t As Integer = r_Renamed.Next(10)
If t <= 2 Then
Return CChar("0"c & r_Renamed.Next(10))
ElseIf t <= 4 Then
Return CChar("a"c & r_Renamed.Next(27))
ElseIf t <= 6 Then

```

```
Return CChar("A"c & r_Renamed.Next(27))
Else
Return CChar(ChrW(r_Renamed.Next(32, 255)))
End If
End Get
End Property
```

```
Public Shared Function inBoxY(ByVal n As Integer, ByVal height As Integer) As Integer
    n = n Mod height
    If n < 0 Then
        Return n + height
    Else
        Return n
    End If
End Function
End Class
End Namespace
```

Ethernal Five - *September 2, 2011, 3:39 am*

This is really nice, thank you.

Long

B3cnoc - *September 2, 2011, 9:21 am*

Sounds pretty cool. I will try this. Thanks.

noober1001 - *September 2, 2011, 11:49 am*

looks cool.

I'll try it out.

Thanks for sharing this.

protocol - *September 2, 2011, 9:25 pm*

Very nice, anyone explain what is it doing in the code, i cant understand the formulae's you can do

```
Console.WindowHeight = Console.BufferHeight = Console.WindowHeight = 30;
```

```
Console.WindowWidth = Console.BufferWidth = Console.WindowWidth = 100;
```

gotjack11 - *February 29, 2012, 4:19 am*

Nice ;)

Thanks for the Great Source

isisflir - *February 29, 2012, 7:44 pm*

Props Man...Funnnkky fresh codee.

Washi - *March 6, 2012, 11:38 am*

Shit this is awesome! nice fucking job! I was planning to make this too but i guess you are first :D