

Forum:[Hack Forums](#)

Thread: [\[TUT\]Understanding the 'Do' Loop\[TUT\]](#)

eXero - August 12, 2011, 8:44 am

Understanding the 'Do' Loop

I have seen many members confused on how to use loops. Loops should be the first thing you should learn about any programming language as loops are important in every language. I am writing this tutorial explaining the Do Loop. Look for my other tutorials on the other loops.

Step One

Open a new Visual Basic Project. Select Console Application, and name it whatever you want. I named mine "Basic Do Loop".

Spoiler [\(Click to View\)](#)

Step Two

You should have a screen now that shows this code:

Spoiler [\(Click to View\)](#)

Don't worry about all of that. We are only going to work in Sub Main for the time being.

Step Three

This is the Do Loop code itself:

Spoiler [\(Click to View\)](#)

Code Dim i As IntegerCode Do While i < 10

 Console.WriteLine(i)

 Console.ReadLine()

 i = i + 1

Loop

Code Dim i As Integer - This declared our variable, i as an integer (number). Note that in the picture this is not under Sub Main, but above it.

Code Do While i < 10 - This means that the loop will continue looping as long as i is less than 10.

Code Console.WriteLine(i) - This writes the value of i in the console window.

Code Console.ReadLine() - This can best be explained as a pause in the WriteLine. Without the ReadLine the console window would spam the numbers, and then exit before you could even read anything in the console window.

Code i = i + 1 - This is saying that i is equal to i + 1. This increments i positively by a value of one.

Code Loop - This loops back to the Do While statement above. It will go through the entire thing again, but i is now equal to two and so on. Every time the loop completes one rotation, i will have incremented by a value of one.

Step Four

Voila! You have successfully written, and hopefully understood your Basic Do Loop program.

Step Five

Post a reply with what you thought of this tutorial, how well you understood, etcetra. It only takes ten seconds, and I really would love your feedback.

Deceptive - August 12, 2011, 8:47 am

Are you going to make an all in one thread? (Putting all your tutorials together)

eXero - August 12, 2011, 8:51 am

I don't know. Should I? Why would I? I can just link the other tutorials in each tutorial.

Talk3r - September 8, 2011, 10:34 am

Nice Share Mate , I already Knows about it But Thanks for Nice TUT

eXero - August 19, 2012, 3:13 pm

Hopefully this will help some noobs out.

The MammoTh - August 19, 2012, 3:16 pm

Was the screenshot of creating a destop application really needed?

eXero - August 19, 2012, 3:19 pm

(Aug 19, 2012 03:16 PM)The MammoTh Wrote: [\[CITE\]](#) Was the screenshot of creating a destop application really needed?

No but why does it matte... oh wait it doesn't.

.Dangerous. - August 19, 2012, 3:29 pm

why isn't "until" explained in with the do loops as well.

also

I =+ 1, i think I = I + 1 should have died with vb6,

however great tutorial, hope it stops some people from asking questions.

Edit:

it'd be nice to see show helpful references

<http://msdn.microsoft.com/en-us/library/eked04a7>

Modesty - August 19, 2012, 3:36 pm

Lol dude you explain the do loop, except not the do until, do while, loop until, loop while, or just a general while loop? Just make a tut called Loops and explain all the iteration and selection loops in vb.net, would help members much more. Don't put out useless tuts wasting bandwidth, just my feedback ?

Dark Noodles - August 19, 2012, 3:42 pm

(Aug 19, 2012 03:36 PM)Modesty Wrote: [\[CITE\]](#) Lol dude you explain the do loop, except not the do until, do while, loop until, loop while, or just a general while loop? Just make a tut called Loops and explain all the iteration and selection loops in vb.net, would help members much more. Don't put out

useless tuts wasting bandwidth, just my feedback ?
^ Agreed.

This user had 2 threads about his theme. He puts them on a survey link and expect us to download. Ubers like him are retarded.

eXero - May 19, 2014, 7:45 am

I just read through my old tutorial and it still seems relevant for all you new VB.Net coders. I realize it isn't the best tutorial in the sense of teaching, but as for referencing and learning, it can be of some benefit.

\$lick - May 19, 2014, 9:17 am

(May 19, 2014 07:45 AM)eXero Wrote: [\[CITE\]](#) I just read through my old tutorial and it still seems relevant for all you new VB.Net coders. I realize it isn't the best tutorial in the sense of teaching, but as for referencing and learning, it can be of some benefit.

I usually attack grave diggers, But this is still relevant and HQ.

eXero - May 19, 2014, 9:53 am

(May 19, 2014 09:17 AM)?Lazy™ Wrote: [\[CITE\]](#) I usually attack grave diggers, But this is still relevant and HQ.

I wouldn't have grave dug it if it weren't relevant. Some people NEED to read this.

Meerkat.? - May 19, 2014, 11:48 am

(May 19, 2014 09:53 AM)eXero Wrote: [\[CITE\]](#) I wouldn't have grave dug it if it weren't relevant. Some people NEED to read this.

You think so? If it were a good tutorial, maybe. But this is useless, as is gravedigging this thing.

ubbelol - May 19, 2014, 11:56 am

Bit over the top explaining for such a simple concept IMO. Can just as easily be described as:

Execute code (orange) while expression (yellow) is true. Alternatively if you're looking for more in-depth info you could just read: <http://msdn.microsoft.com/en-us/library/eked04a7.aspx>

eXero - May 19, 2014, 4:19 pm

I'm just trying to help. No reason to get rude.