

Forum:[Hack Forums](#)

Thread: [Object reference not set to an instance of an object.](#)

The Alex - November 23, 2015, 10:24 am

Hey guys

I'm making a function to retrieve all drives from a system and make a diskpart script for it.

Problem is when I try to write the drive number to a text file I get
'Object reference not set to an instance of an object.'

Here's my code.

Code Friend Function CleanAllDrives()

```
Dim drives As Integer = 0
Dim ord As Integer
Dim order As String
Dim query As New SelectQuery("Win32_DiskDrive")
Dim search As New ManagementObjectSearcher(query)
Dim info As ManagementObject
ord = -1
For Each info In search.Get()
    Dim fs As StreamWriter
    order = ord + 1.ToString

    Dim random As String = "random"
    Dim script As String = "C:\temp\script.txt"
    My.Computer.FileSystem.OpenTextFileWriter(script, True)
    fs.WriteLine(order)
    fs.Close()
Next
Return ord
End Function
```

Any help is appreciated, I can't see where I've gone wrong. If I do MsgBox(order) it will popup for every drive in the system.

Ignore the fact I have ord and order, they were used for debugging

Lrrr - November 23, 2015, 10:25 am

You are not catching if the file exists or is writable.

Is the file writable and exists?

What line number does the error occur exactly?

The Alex - November 23, 2015, 10:28 am

(Nov 23, 2015 11:25 AM)Lrrr Wrote: [\[CITE\]](#) You are not catching if the file exists or is writable.

Is the file writable and exists?

What line number does the error occur exactly?
The error occurs on 'fs.WriteLine(order)'

Streamwriter creates the file. During debugging it does create the file but it's empty because it errors out.

Only3 - November 23, 2015, 10:29 am

u work in system dir u need admin rights use try catch as said

Yuikoro - November 23, 2015, 10:30 am

I'm a java dude but I can at least recognize the error. When you get this error, it simply means you declared some object variable but never actually initialized it.

I want to suspect this line "Dim fs As StreamWriter" because you later try to write a line to it, but normally if it's anything like a FileWriter, you need to define some path.

Such as

```
Dim fs As StreamWriter = New StreamWriter ("dir")
```

But maybe not that exact syntax.

In other words your variable is null so it doesn't know wtf to do when you write to it

Just a guess.

The Alex - November 23, 2015, 10:32 am

(Nov 23, 2015 11:30 AM)Sender Wrote: [\[CITE\]](#) I'm a java dude but I can at least recognize the error. When you get this error, it simply means you declared some object variable but never actually initialized it.

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But maybe not that exact syntax.

In other words your variable is null so it doesn't know wtf to do when you write to it

Just a guess.

Thanks for the help but no go.

My path is initialized here:

```
My.Computer.FileSystem.OpenTextFileWriter("C:\temp\script.txt", False)
```

If I MsgBox(ord) instead of doing filestream it will popup message boxes for every drive in the system. The file is created, but not written too.

nathan72389 - November 23, 2015, 10:33 am

you never gave the streamwriter anything to write to.

The Alex - November 23, 2015, 10:35 am

(Nov 23, 2015 11:33 AM)nathan72389 Wrote: [\[CITE\]](#)

you never gave the streamwriter anything to write to.

That worked, can't believe I forgot that -.-

Thanks man.

Yuikoro - November 23, 2015, 10:36 am

(Nov 23, 2015 11:32 AM)Jackk Wrote: [\[CITE\]](#) Thanks for the help but no go.

My path is initialized here:

```
My.Computer.FileSystem.OpenTextFileWriter("C:\temp\script.txt", False)
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If I MsgBox(ord) instead of doing filestream it will popup message boxes for every drive in the system. The file is created, but not written too.

Sure, but that doesn't change the fact that your StreamWriter variable is null. In programming you need to actually initialize the object variable to mean anything, otherwise you're referencing only the static methods within the class as you haven't actually made the object.

Henceforth, the WriteLine function requires initialization more than just declaring.

If you did fs = My.Computer.jibberjabber.blah I'm sure it'd work. If not then clearly I fail at programming, in which case refer to this google search

<https://msdn.microsoft.com/en-us/library/hxwftz61.aspx>

The Alex - November 23, 2015, 10:38 am

(Nov 23, 2015 11:36 AM)Sender Wrote: [\[CITE\]](#) Sure, but that doesn't change the fact that your StreamWriter variable is null. In programming you need to actually initialize the object variable to mean anything, otherwise you're referencing only the static methods within the class as you haven't actually made the object.

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This is correct, I was being ignorant even though I've written that same line of code about 10 times this week xD

Thanks again, I am very grateful

Yuikoro - November 23, 2015, 10:40 am

(Nov 23, 2015 11:38 AM)Jackk Wrote: [\[CITE\]](#) This is correct, I was being ignorant even though I've written that same line of code about 10 times this week xD

Thanks again, I am very grateful

Good to see you got it working. Good luck with whatever it is you're making :)