

## Re: Loop Problem (At Least I think)

**Source:**

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2004-03/1428.html>

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**Date:** 03/22/04

Date: Mon, 22 Mar 2004 17:47:50 GMT

"Chris Guimbellot" <cguimbellot@FORGETSPAM.hifranchise.com> wrote in message news:eLDgyCDEEHA.1604@TK2MSFTNGP11.phx.gbl...

> Hello,

>

> I have a folder that contains images of products (the product info is  
> located in the database). The naming convention for the images files is  
the

> product code and then the number; each product can have multiple images.

An

> examples of the names is something like this:

>

> DARHS1.jog

> DARHS2.jog

> DARHS3.jpg

> ...

>

> Anyway, I have written a script that iterates through the folder and  
writes

> the name of each image to a file called imagenames.txt (one image name per  
> line) that will serve as a temporary folder just lasting long enough for  
the

> script to finish.

>

> Goal of the script is to output the number of images per product. That  
said,

> the script performs the following steps:

> 1. Creates the imagenames.txt and places the names of all of the images in  
> the folder in it.

> 2. Opens the database and gets the product code for each product.

> 3. For each product code, go through the imagenames.txt file and count the  
> number of images whose first 5 letters are the same as the property code.

> 4. Write the results to another file.

>

> The problem that I am having is that when it spits out the results, the

> number never increments. It seems like when iterating through the

> imagenames.txt file, it is not locating any of the image names, so when I

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> run the script from the command line, it spits out zeros for every entry.

I

> have included my scripts below so maybe someone can see what I am missing.

>

> Do While Not rstProp.EOF

>

> propCode = rstProp("HIPropCode")

> WScript.Echo propCode

> iCount = 0

> Do While ts.AtEndOfStream = False

> lineText = ts.ReadLine

> If Left(lineText,5) = propCode Then

> iCount = iCount + 1

> End If

> Loop

>

> WScript.Echo Left(lineText,5) & " (" & iCount & ")"

>

> 'move to the next record when done

> rstProp.MoveNext

>

> Loop

>

> I think one of the problems is that I am not resetting the ts back to the

> beginning of the file each time. I know I am not phrasing this question

very

> well. Sorry about that.

>

> Any ideas on what's going on here? Thanks,

>

> Chris

"Do While ts.AtEndOfStream = False" may not be right...

Also, you can only process "ts" once after you open it.

Rather than process the entire file for each product code, I'd suggest:

1) Read the file into dictionary object

```
Dim objDIC
```

```
objDIC = CreateObject("Scripting.Dictionary")
```

```
Dim strPRD
```

```
strPRD = ""
```

```
...
```

```
Do While Not ts.AtEndOfStream
```

```
lineText = ts.ReadLine
```

```
If strPRD <> Left(lineText,5) Then
```

```
    If strPRD <> "" Then
```

```
        objDIC.Add strPRD, iCount
```

```
    End If
```

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```
iCount = 0
strPRD = Left(lineText,5)
End If
iCount = iCount + 1
Loop
If strPRD <> "" Then
    objDIC.Add strPRD, iCount
End If
...
Set objDIC = Nothing
```

2) Read the database table and access the dictionary object for the count

```
Do While Not rstProp.EOF
    propCode = rstProp("HIPropCode")
    WScript.Echo propCode & " (" & objDIC.Item(propCode) & ")"
    rstProp.MoveNext
Loop
```