

Content of App Class for a VBScript.vbs (Site 1)

```
Dim App : Set App = new cApp '### Must be the first line in the Script
```

```
wscript.echo App.StartTime()  
wscript.echo App.WorkDir()  
wscript.echo App.AppDir()  
wscript.echo App.ScriptName()  
wscript.echo App.ProcessID()  
wscript.echo App.ProcessorArchitecture()  
wscript.echo App.ScriptHost()  
If App.PrevInstance() = True then  
wscript.echo "There is more then one Instance of this Script"  
Else  
wscript.echo "No other Instance of this Script running!"  
End if
```

```
Class cApp
```

```
Public Property Get WorkDir()  
WorkDir = GetWorkPath()  
End Property
```

```
Public Property Get AppDir()  
AppDir = GetScriptPath()  
End Property
```

```
Public Property Get PrevInstance()  
PrevInstance = GetPrevInstance()  
End Property
```

```
Public Property Get ScriptName()  
ScriptName = wscript.ScriptName  
End Property
```

```
Public Property Get ProcessID()  
ProcessID = GetProcessID()  
End Property
```

```
Public Property Get ScriptHost()  
ScriptHost = GetScriptHost()  
End Property
```

```
Public Property Get ProcessorArchitecture()  
ProcessorArchitecture = GetEnvironment("PROCESSOR_ARCHITECTURE")  
End Property
```

```
Private dStartTime  
Public Property Get StartTime()  
StartTime = dStartTime  
End Property
```

```
Private Property Set StartTime(dTime)  
dStartTime = dTime  
End Property
```

```
' -----  
Private Function GetScriptHost()
```

```
Dim ofso : Set ofso = CreateObject("Scripting.FileSystemObject")  
GetScriptHost = ofso.GetFile(WScript.FullName).Name
```

```
End Function
```

```
' -----  
Private Function GetEnvironment(sEnvironment)
```

```
Dim oWshShell : Set oWshShell = WScript.CreateObject("WScript.shell")  
GetEnvironment = oWshShell.ExpandEnvironmentStrings("%" & sEnvironment & "%")
```

```
End Function
```

```
' -----  
Private Function GetScriptPath()
```

```
Dim ofso : Set ofso = CreateObject("Scripting.FileSystemObject")  
Dim sScriptPath : sScriptPath = ofso.GetFile(wscript.ScriptFullName).ParentFolder  
Set ofso = Nothing  
GetScriptPath = sScriptPath
```

```
End Function
```

```
' -----  
Private Function GetWorkPath()
```

```
Dim oWshShell : Set oWshShell = WScript.CreateObject("WScript.shell")  
Dim sWorkPath : sWorkPath = oWshShell.CurrentDirectory  
Set oWshShell = Nothing  
GetWorkPath = sWorkPath
```

```
End Function
```

```
' -----  
Private Function GetPrevInstance()
```

```
Dim strComputer : strComputer = "."  
Dim oWMIService : Set oWMIService = GetObject("winmgmts:\\" & strComputer & "\root\cimv2")  
Dim collItems : Set collItems = oWMIService.ExecQuery("Select * From Win32_Process")  
Dim sScriptCommandLine : sScriptCommandLine = wscript.ScriptFullName
```

```
Dim iCount : iCount = 0
```

```
For Each oItem in collItems  
If InStr(oItem.CommandLine, sScriptCommandLine) > 0 and InStr(UCCase(oItem.CommandLine), "CSCRIPT.EXE") > 0 or InStr(UCCase(oItem.CommandLine), "WSCRIPT.EXE") > 0 Then  
iCount = iCount + 1  
End If  
Next
```

```
Set oWMIService = Nothing  
Set collItems = Nothing
```

```
If iCount > 1 then  
GetPrevInstance = True  
Else  
GetPrevInstance = False  
End if
```

```
End Function
```

```
' -----  
Private Function GetProcessID()
```

Content of App Class for a VBScript.vbs (Site 2)

```
Dim strComputer : strComputer = "."
Dim oWMIService : Set oWMIService = GetObject("winmgmts:\\" & strComputer & "\root\cimv2")
Dim collItems : Set collItems = oWMIService.ExecQuery("Select * From Win32_Process")
Dim sScriptCommandLine : sScriptCommandLine = wscript.ScriptFullName
Dim sScriptHostPath : sScriptHostPath = WScript.FullName
Dim sProcessID : sProcessID = 0

For Each oltem in collItems

If InStr(oltem.CommandLine, sScriptCommandLine) > 0 and InStr(oltem.CommandLine, sScriptHostPath) > 0 Then

dProcessStartTime = oltem.CreationDate
dProcessStartTime = DateSerial(Left(dProcessStartTime, 4), Mid(dProcessStartTime, 5, 2), Mid(dProcessStartTime, 7, 2) ) + TimeSerial(Mid(dProcessStartTime, 9, 2), Mid(dProcessStartTime, 11, 2), Mid(dProcessStartTime, 13, 2))
dStartDateDiff = DateDiff("s", dStartTime, dProcessStartTime)

Select Case dStartDateDiff
Case 0, -1, 1
sProcessID = oltem.ProcessID
End Select

End If

Next

Set oWMIService = Nothing
Set collItems = Nothing

If not sProcessID = 0 then
GetProcessID = sProcessID
Else
GetProcessID = -1
End if

End Function

Private Sub Class_Initialize()
Set StartTime = Now
End Sub

Private Sub Class_Terminate()

End Sub

End Class
```