

Content of List All the Properties and Methods for a WMI Class.vbs (Site 1)

' Description: Lists the class qualifiers, properties, property qualifiers, methods, and method qualifiers for a specified WMI class.

```
strComputer = ""
strNameSpace = "root\cimv2"
strClass = "Win32_Service"

Set objClass = GetObject("winmgmts:{impersonationLevel=impersonate}!\\" & _
strComputer & "\\" & strNameSpace & ":" & strClass)

WScript.Echo strClass & " Class Qualifiers"
WScript.Echo "-----"
i = 1

For Each objClassQualifier In objClass.Qualifiers_
  If VarType(objClassQualifier.Value) = (vbVariant + vbArray) Then
    strQualifier = i & ". " & objClassQualifier.Name & " = " & _
    Join(objClassQualifier.Value, ",")
  Else
    strQualifier = i & ". " & objClassQualifier.Name & " = " & _
    objClassQualifier.Value
  End If
  WScript.Echo strQualifier
  strQualifier = ""
  i = i + 1
Next

WScript.Echo
WScript.Echo strClass & " Class Properties and Property Qualifiers"
WScript.Echo "-----"
i = 1 : j = 1

For Each objClassProperty In objClass.Properties_
  WScript.Echo i & ". " & objClassProperty.Name
  For Each objPropertyQualifier In objClassProperty.Qualifiers_
    If VarType(objPropertyQualifier.Value) = (vbVariant + vbArray) Then
      strQualifier = i & ". " & j & ". " & _
      objPropertyQualifier.Name & " = " & _
      Join(objPropertyQualifier.Value, ",")
    Else
      strQualifier = i & ". " & j & ". " & _
      objPropertyQualifier.Name & " = " & _
      objPropertyQualifier.Value
    End If
    WScript.Echo strQualifier
    strQualifier = ""
    j = j + 1
  Next
  WScript.Echo
  i = i + 1 : j = 1
Next

WScript.Echo
WScript.Echo strClass & " Class Methods and Method Qualifiers"
WScript.Echo "-----"
i = 1 : j = 1

For Each objClassMethod In objClass.Methods_
  WScript.Echo i & ". " & objClassMethod.Name
  For Each objMethodQualifier In objClassMethod.Qualifiers_
    If VarType(objMethodQualifier.Value) = (vbVariant + vbArray) Then
      strQualifier = i & ". " & j & ". " & _
      objMethodQualifier.Name & " = " & _
      Join(objMethodQualifier.Value, ",")
    Else
      strQualifier = i & ". " & j & ". " & _
      objMethodQualifier.Name & " = " & _
      objMethodQualifier.Value
    End If
    WScript.Echo strQualifier
    strQualifier = ""
    j = j + 1
  Next

  WScript.Echo
  i = i + 1 : j = 1
Next
```