

## Re: Please help: Getting REGISTRY info w/ StdRegProv

**Source:**

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2004-05/0975.html>

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**From:** Michael Harris \(\MVP\) ("*Michael*")

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> I'm building a script for software inventory purposes. I've use  
> Torgeir's script to get "DisplayName"s from the registry with no  
> problems and needed to get more info so, after a lot of digging, the  
> resulting script is below. The output is confusing me. I'm thinking  
> that 'aryValueNames' and 'aryValueTypes' are either not being created  
> properly or not being read properly (out of sync). I'm not exactly  
> sure what is going on as I am fairly new to vbscript and wmi. Below  
> the script is a small portion of the results.

Here's a generic working example that I posted to the NGs back in May 2002.

I'll leave it to you to determine how what you are doing is different from the example ;-)...

```
const HKCR = &H80000000 'HKEY CLASSES ROOT
const HKCU = &H80000001 'HKEY CURRENT USER
const HKLM = &H80000002 'HKEY LOCAL MACHINE
```

```
set reg = getobject("winmgmts:root\default:StdRegProv")
hive = HKLM
key = "software\microsoft\windows script host\settings"
key = "software\microsoft\windows nt\currentversion"
```

```
rc = reg.enumvalues(hive,key,valuenames,valuetypes)
```

```
for n = 0 to ubound(valuenames)
  vname = valuenames(n)
  vtype = valuetypes(n)
  select case vtype
    case 1 'reg sz
      vtype = "[reg_sz]"
      reg.getstringvalue hive,key,vname,vvalue
    case 2 'reg expand sz
      vtype = "[reg_expand_sz]"
```

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```
reg.getexpandedstringvalue hive,key,vname,vvalue
case 3 'reg binary
  vtype = "[reg_binary]"
  reg.getbinaryvalue hive,key,vname,vvalue
  for x = 0 to ubound(vvalue)
    vvalue(x) = "0x" & right("0" & hex(vvalue(x)),2)
  next
case 4 'reg dword
  vtype = "[reg_dword]"
  reg.getdwordvalue hive,key,vname,vvalue
case 7 'reg multi sz
  vtype = "[reg_multi_sz]"
  reg.getmultistringvalue hive,key,vname,vvalue
case else 'unsupported type
  vtype = "[unsupported type]"
  vvalue = ""
end select
if isArray(vvalue) then
  wscript.echo vname,vtype,"=",join(vvalue,"; ")
else
  wscript.echo vname,vtype,"=",vvalue
end if
next

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Michael Harris
Microsoft.MVP.Scripting
Sammamish WA US
```