

Re: Reading vs. Checking Registry Key

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2005-04/msg00568.html>

- *From:* "scott" <sbailey@xxxxxxxxxxxxxxxx>
 - *Date:* Tue, 12 Apr 2005 09:13:01 -0500
-

Can you help me with the usage of the function? In "MY CODE" below, I do a simple test for sKey1. When I run it, it always returns "exists", even if I change the skey1 variable to a non-existent key.

MY CODE

```
Dim WshShell, bKey, sKey, sValueBad, sValueGood
Set WshShell = WScript.CreateObject("WScript.Shell")
sKey1 = "HKLM\Software\Webroot\Enterprise\CommAgent\Su"
```

```
If KeyExists(sKey1) = True Then
WScript.Echo "exists"
Else
WScript.Echo "Key does not exist"
End If
```

```
Function KeyExists(sKeyPath)
keyExists= false: if (sKeyPath="") then exit function
```

```
on error resume next
createobject("wscript.shell").regRead sKeyPath
```

```
select case err
case 0: keyExists= true
```

```
case &h80070002: dim sErrMsg
sErrMsg= replace(err.description, sKeyPath, "")
err.clear
```

```
createobject("wscript.shell").regRead "HKEY_ERROR\"
keyExists= not (sErrMsg=replace(err.description, _
"HKEY_ERROR\", ""))
```

```
case else: keyExists= false
end select
```

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```
on error goto 0
End function
```

```
"Joe Earnest" <jearnest3-SPAM@xxxxxxxxxxxxxx> wrote in message
news:%23MFJmtvPFHA.3668@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
> Hi,
>
> "scott" <sbailey@xxxxxxxxxxxxxxxxxx> wrote in message
> news:OwsGkGvPFHA.2748@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>I can read the below key value fine, but I need to be able to check and
>>see
>>if the key exists before reading it to avoid script errors.
>>
>> To my knowledge, there are only 3 methods available in the WSH Library to
>> access registry values: regread, regwrite and regdelete.
>>
>> Anyone have a trick to testing if a key exists before taking action on
>> it?
>>
>> SCRIPT
>> =====
>> WshShell.RegRead("HKLM\Software\Webroot\Enterprise\CommAgent\TheKey")
>
> If you don't want to use WMI, here's my version of a trick that Torgeir
> Bakken taught me, that he attributes to Walter Zachary. It's an
> error-trapped attempt to read a key's default value, distinguishing
> between
> the error description for no default value assigned and key not found,
> which
> have the same error number, but different descriptions. The way it's set
> up, it's applicable to any language version. The function below doesn't
> test syntax and expects the key path to have a final backslash, in order
> for
> the test to be valid.
>
> ----
> function KeyExists (sKeyPath)
> keyExists= false: if (sKeyPath="") then exit function
>
> on error resume next
> createobject("wscript.shell").regRead sKeyPath
>
> select case err
> case 0: keyExists= true
>
> case &h80070002: dim sErrMsg
```

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```
> sErrMsg= replace(err.description, sKeyPath, "")
> err.clear
>
> createobject("wscript.shell").regRead "HKEY_ERROR\"
> keyExists= not (sErrMsg=replace(err.description, _
> "HKEY_ERROR\", ""))
>
> case else: keyExists= false
> end select
> on error goto 0
> end function
> ----
>
> Joe Earnest
>
>
>
```

- **Follow-Ups:**

- ◆ **[Re: Reading vs. Checking Registry Key](#)**
◇ From: Joe Earnest

- **References:**

- ◆ **[Reading vs. Checking Registry Key](#)**
◇ From: scott
- ◆ **[Re: Reading vs. Checking Registry Key](#)**
◇ From: Joe Earnest

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