

Re: Writing DWORD to registry key

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi/2004-10/0302.html>

From: Aaron (ABieberitz_at_charter.net)

Date: 10/13/04

Date: Tue, 12 Oct 2004 21:43:37 -0500

Yes I do, both test machines I have admin privileges and it's my own key I've created. I'm writing strings to registry like they're going out of style, but cannot write a DWORD to save my life, it just doesn't make any sense...

"Randy Birch" <rgb_removethis@mvps.org> wrote in message
news:u7%23eZOLsEHA.376@TK2MSFTNGP09.phx.gbl...

> Are you sure you have permission to write to that key? Enter RegEdt32 in
> the Start > Run box and view the permissions for the key you're trying to
> write to (Edit > Permissions). HLKM is usually off-limits to users outside
> the admin group.

>

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>

> Randy Birch

> MS MVP Visual Basic

> <http://vbnet.mvps.org/>

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> "Aaron" <ABieberitz@charter.net> wrote in message

> news:10mod77q40pft0d@corp.supernews.com...

> : That did not work either...nothing seems to be working and it is really

> : baffling me...here's what I did

> :

> : Dim verValue As Long

> :

> : WriteRegDWord HKEY_LOCAL_MACHINE, "\SOFTWARE\Software Limited,
Inc.\Tools

> : 5.2\5.2", "Version", verValue

> :

> : This code I have is under a form and I put all of your code you provided

> in

> : a separate module and made the WriteRegDWord a Public Function...is this

> the

> : problem, cause I surely don't get any errors???

> :

> : "Mike D Sutton" <EDais@mvps.org> wrote in message

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> : *news:OiSQESDsEHA.2588@TK2MSFTNGP12.phx.gbl...*
> : > > *I have spent the last several days trying every imaginable way to*
> *write*
> : *a*
> : > > *DWORD value to a key and nothing seems to work. I have used just*
> *about*
> : > > *every piece of code from this newsgroup as well as code from all*
> *over*
> : *the*
> : > > *internet and no luck...I'm completely baffled at this point. I get*
> *no*
> : > > *errors when calling functions that I've used, but the key is never*
> : *created*
> : > > *or the value is never populated. Any possible help whatsoever would*
> *be*
> : > > *EXTREMELY appreciated since I'm at the end of my rope with this...I*
> : *can't*
> : > > *believe no one's code out there works, it's just mind-boggling.*
> : >
> : > *Try these functions:*
> : >
> : > *****
> : > *Private Declare Function RegSetValueEx Lib "AdvAPI32.dll" Alias*
> : *"RegSetValueExA" (_*
> : > *ByVal hKey As Long, ByVal lpValueName As String, ByVal Reserved As*
> : *Long, _*
> : > *ByVal dwType As Long, ByRef lpData As Any, ByVal cbData As Long)*
> : *As*
> : *Long*
> : > *Private Declare Function RegQueryValueEx Lib "AdvAPI32.dll" Alias*
> : *"RegQueryValueExA" (_*
> : > *ByVal hKey As Long, ByVal lpValueName As String, ByVal lpReserved*
> : *As*
> : *Long, _*
> : > *ByRef lpType As Long, ByRef lpData As Any, ByRef lpcbData As Long)*
> : *As*
> : *Long*
> : > *Private Declare Function RegOpenKeyEx Lib "AdvAPI32.dll" Alias*
> : *"RegOpenKeyExA" (_*
> : > *ByVal hKey As Long, ByVal lpSubKey As String, ByVal ulOptions As*
> : *Long,*
> : *_*
> : > *ByVal samDesired As Long, ByRef phkResult As Long) As Long*
> : > *Private Declare Function RegCloseKey Lib "AdvAPI32.dll" (ByVal hKey As*
> : *Long) As Long*
> : >
> : > *Private Const HKEY_LOCAL_MACHINE As Long = &H80000002*
> : > *Private Const REG_DWORD As Long = 4 ' 32-bit number*
> : > *Private Const REG_DWORD_BIG_ENDIAN As Long = 5 ' 32-bit number*
> : >
> : > *Private Const READ_CONTROL As Long = &H20000*

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> : > Private Const KEY_QUERY_VALUE As Long = &H1
> : > Private Const KEY_SET_VALUE As Long = &H2
> : > Private Const KEY_CREATE_SUB_KEY As Long = &H4
> : > Private Const KEY_ENUMERATE_SUB_KEYS As Long = &H8
> : > Private Const KEY_NOTIFY As Long = &H10
> : > Private Const KEY_READ As Long = (READ_CONTROL Or _
> : > KEY_QUERY_VALUE Or KEY_ENUMERATE_SUB_KEYS Or _
> : > KEY_NOTIFY)
> : > Private Const KEY_WRITE As Long = (READ_CONTROL Or _
> : > KEY_SET_VALUE Or KEY_CREATE_SUB_KEY)
> : >
> : > Private Const ERROR_SUCCESS As Long = 0&
> : >
> : > Private Function WriteRegDWord(ByVal inHive As Long, ByRef inKey As
> : String, _
> : > ByRef inValue As String, ByVal inDWord As Long, _
> : > Optional ByVal inBigEndian As Boolean = False) As Boolean
> : > Dim hKey As Long
> : >
> : > If (RegOpenKeyEx(inHive, inKey, 0, KEY_WRITE, hKey) =
ERROR_SUCCESS)
> : Then
> : > WriteRegDWord = RegSetValueEx(hKey, inValue, 0,
If(inBigEndian,
> _
> : > REG_DWORD_BIG_ENDIAN, REG_DWORD), inDWord, 4&) =
> ERROR_SUCCESS
> : > Call RegCloseKey(hKey)
> : > End If
> : > End Function
> : >
> : > Private Function ReadRegDWord(ByVal inHive As Long, _
> : > ByRef inKey As String, ByRef inValue As String) As Long
> : > Dim hKey As Long, ReadRet As Long, ReadSize As Long
> : >
> : > If (RegOpenKeyEx(inHive, inKey, 0, KEY_READ, hKey) =
ERROR_SUCCESS)
> : Then
> : > ReadSize = 4
> : > If (RegQueryValueEx(hKey, inValue, 0, REG_DWORD, ReadRet, _
> : > ReadSize) = ERROR_SUCCESS) Then ReadRegDWord = ReadRet
> : > Call RegCloseKey(hKey)
> : > End If
> : > End Function
> : > '***
> : >
> : > Hope this helps,
> : >
> : > Mike
> : >
> : >
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> : > – *Microsoft Visual Basic MVP* –
> : > *E-Mail: EDais@myps.org*
> : > *WWW: <http://EDais.myps.org/>*
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