Reading and writing to the Registry
Reading and writing to the Registry (everywhere you want)

```vb
'use the Registry

 'on a Module
 Declare Function RegCloseKey Lib "advapi32.dll" (ByVal hKey As Long) As Long
 Declare Function RegOpenKeyEx Lib "advapi32.dll" Alias "RegOpenKeyExA" (ByVal
hKey As Long, ByVal lpSubKey As String, ByVal ulOptions As Long, ByVal samDesired As
Long, phkResult As Long) As Long
 Declare Function RegQueryValueEx Lib "advapi32.dll" Alias "RegQueryValueExA"
(ByVal hKey As Long, ByVal lpValueName As String, ByVal lpReserved As Long, lpType
As Long, lpData As Any, lpcbData As Long) As Long
 Declare Function RegCreateKeyEx Lib "advapi32.dll" Alias "RegCreateKeyExA" (ByVal
hKey As Long, ByVal lpSubKey As String, ByVal Reserved As Long, ByVal lpClass As
String, ByVal dwOptions As Long, ByVal samDesired As Long, lpSecurityAttributes As
Long, phkResult As Long, lpdwDisposition As Long) As Long
 Declare Function RegCreateKey Lib "advapi32.dll" Alias "RegCreateKeyExA" (ByVal
hKey As Long, ByVal lpSubKey As String, ByVal Reserved As Long, ByVal lpClass As
String, ByVal dwOptions As Long, ByVal samDesired As Long, lpSecurityAttributes As
Long, phkResult As Long, lpdwDisposition As Long) As Long
 Declare Function RegSetValueEx Lib "advapi32.dll" Alias "RegSetValueExA" (ByVal
hKey As Long, ByVal lpValueName As String, ByVal Reserved As Long, ByVal dwType As
Long, lpData As Byte, ByVal cbData As Long) As Long
 Declare Function RegSetValueExString Lib "advapi32.dll" Alias "RegSetValueExA"
(ByVal hKey As Long, ByVal lpValueName As String, ByVal Reserved As Long, ByVal
dwType As Long, ByVal lpValue As String, ByVal cbData As Long) As Long
 Declare Function RegSetValueExLong Lib "advapi32.dll" Alias "RegSetValueExA"
(ByVal hKey As Long, ByVal lpValueName As String, ByVal Reserved As Long, ByVal
dwType As Long, lpValue As Long, ByVal cbData As Long) As Long

 Public Const HKEY_CLASSES_ROOT = &H80000000
 Public Const HKEY_CURRENT_CONFIG = &H80000005
 Public Const HKEY_CURRENT_USER = &H80000001
 Public Const HKEY_DYN_DATA = &H80000006
 Public Const HKEY_LOCAL_MACHINE = &H80000002
 Public Const HKEY_PERFORMANCE_DATA = &H80000004
 Public Const HKEY_USERS = &H80000003
 Public Const ERROR_SUCCESS = 0&
 Const REG_OPTION_NON_VOLATILE = &O0
 Const KEY_ALL_CLASSES As Long = &HF0063
 Const KEY_ALL_ACCESS = &H3F
 Const REG_SZ As Long = 1

 'KeyName$ is youre own key in the Registry
 Public Const KeyName$ = "Software\KATHER\"

 Public Sub SchrijfInstelling(SName$, KName$, vInstelling$)
     Dim hNewKey As Long
```

```vb
        Dim lRetVal As Long

        'make key under
HKEY_CURRENT_USER\Software\KATHER\applicationname\SName$
    lRetVal = RegCreateKeyEx(&H80000001, KeyName & App.EXEName & "\" &
SName$, 0&, vbNullString, REG_OPTION_NON_VOLATILE, KEY_ALL_ACCESS, 0&,
hNewKey, lRetVal)
    'add avlue
    lRetVal = SetValueEx(hNewKey, KName$, REG_SZ, vInstelling$)
    RegCloseKey(hNewKey)

  End Sub

  Public Function LeesInstelling(SName$, KName$) As String

    LeesInstelling = RegGetString$(&H80000001, KeyName$ & App.EXEName & "\" &
SName$, KName$)

  End Function

  Public Function RegGetString$(hInKey As Long, ByVal subkey$, ByVal valname$)
    Dim RetVal$, hSubKey As Long, dwType As Long, SZ As Long, v$, r As Long

    RetVal$ = ""

    r = RegOpenKeyEx(hInKey, subkey$, 0, KEY_ALL_CLASSES, hSubKey)
    If r <> ERROR_SUCCESS Then GoTo Quit_Now
    SZ = 256 : v$ = String$(SZ, 0)
  r = RegQueryValueEx(hSubKey, valname$, 0, dwType, ByVal v$, SZ)
    If r = ERROR_SUCCESS And dwType = REG_SZ Then
       RetVal$ = Left(v$, SZ - 1)
    Else
       RetVal$ = ""
    End If
    If hInKey = 0 Then r = RegCloseKey(hSubKey)
Quit_Now:
    RegGetString$ = RetVal$

  End Function

  Public Function SetValueEx(ByVal hKey As Long, sValueName As String, lType As
Long, vValue As Object) As Long
    SetValueEx = RegSetValueExString(hKey, sValueName, 0&, lType, vValue,
Len(vValue))

  End Function
```

```
    'Use as:
    Dim name$
Const = VSector$ = "options"

    'reading
name$ = LeesInstelling(vSector$,"name")
    'writing
Call SchrijfInstelling(VSector$,"name",name$)
    'give the value off vKey$ and the settings in LeesInstelling and SchrijfInstelling
    'the entry in the Registry will be:
    'HKEY_CURRENT_USER\Software\KATHER\[applicationname]\options\name

Return
```