VBRapid

An indispensable tool for the quick creation of VB property getters and setters, code switching and variable setup.

Contents

About.

VBRapid is a tool for making Microsoft Visual Basic .NET coding a little easier by automating some of the frequent and time consuming tasks. It enables the rapid setup of Getters and Setters from entered private variables, the switching of variable assignments quickly and the easy setup of variable values.
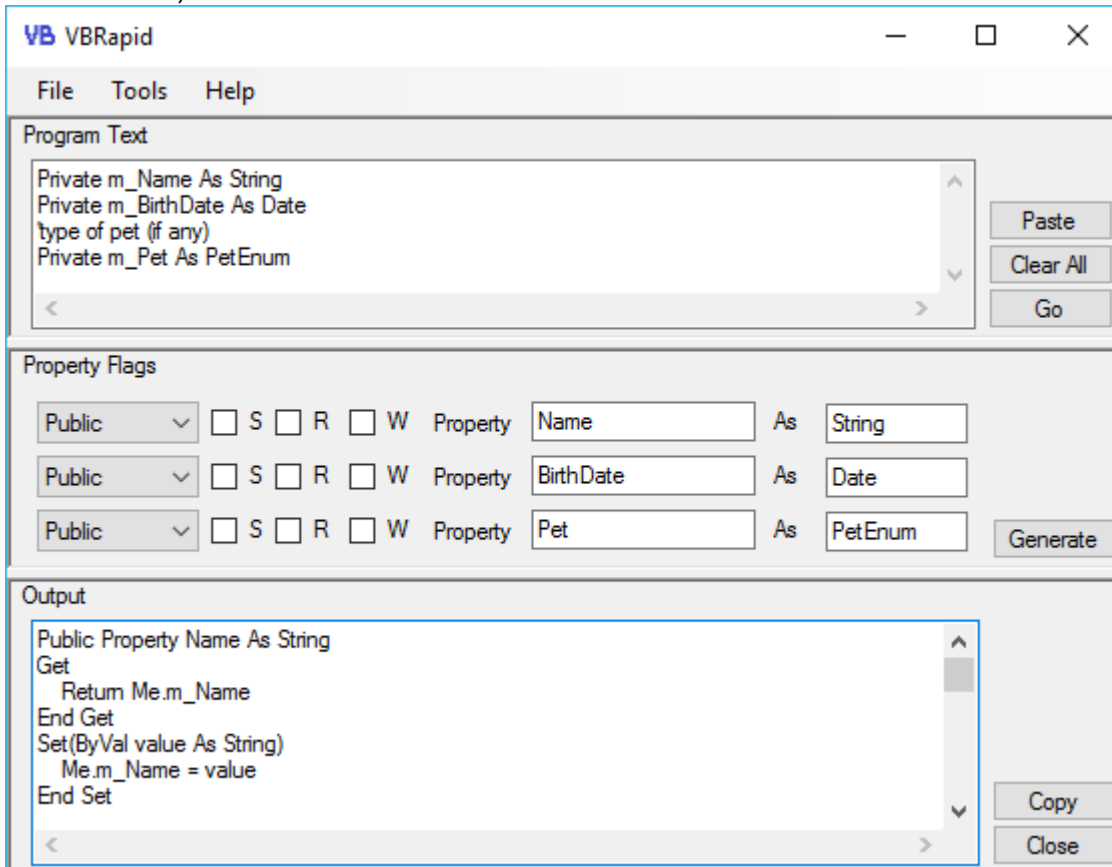
Features.

1) Getters and Setters.

Imagine the code segment below: -

```
Private m_Name As String
Private m_BirthDate As Date
'type of pet (if any)
Private m_Pet As PetEnum
```

To create property Getters and Setters select the code segment and copy it to the clipboard. Start up VBRapid from the Tools menu option in the VB .net IDE (or if already running press <Ctrl><Alt>R).

You can change the property flags quickly and easily with the mouse. When happy with the result **click "Generate"** to generate the VB code.

Click "Copy" to copy the code to the resultant clipboard to be pasted back into the VB IDE.

```
Public Property Name() As String
    Get
        Return Me.m_Name
    End Get
    Set(ByVal value As String)
        Me.m_Name = value
    End Set
End Property

Public Property BirthDate() As Date
    Get
        Return Me.m_BirthDate
    End Get
    Set(ByVal value As Date)
        Me.m_BirthDate = value
    End Set
End Property
```

```
Public Property Pet() As PetEnum
    Get
        Return Me.m_Pet
    End Get
    Set(ByVal value As PetEnum)
        Me.m_Pet = value
    End Set
End Property
```
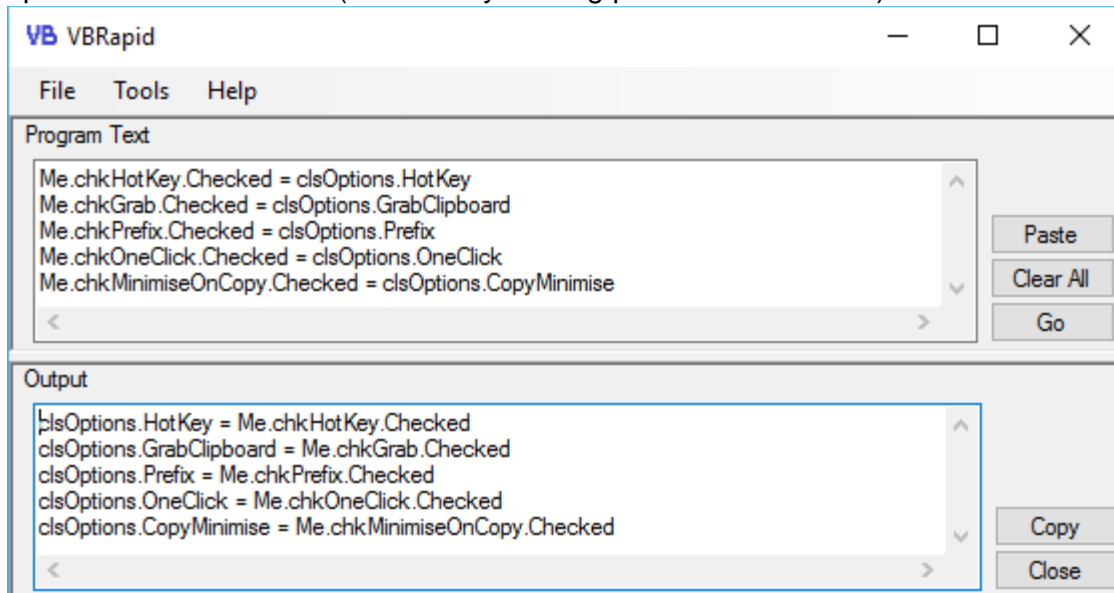
2) Equation Switching.
   Imagine the code segment below: -
```
Me.chkHotKey.Checked = clsOptions.HotKey
Me.chkGrab.Checked = clsOptions.GrabClipboard
Me.chkPrefix.Checked = clsOptions.Prefix
Me.chkOneClick.Checked = clsOptions.OneClick
Me.chkMinimiseOnCopy.Checked = clsOptions.CopyMinimise
```

You now want to reverse the statements (e.g. form has been submitted and you want to store the values of the check boxes, etc. back to the variables). Start up VBRapid from the **"Tools"** menu option in the VB .net IDE (or if already running press **<Ctrl><Alt>R**).

Click "Copy" to copy the code to the resultant clipboard to be pasted back into the VB IDE.

```
clsOptions.HotKey = Me.chkHotKey.Checked
clsOptions.GrabClipboard = Me.chkGrab.Checked
clsOptions.Prefix = Me.chkPrefix.Checked
clsOptions.OneClick = Me.chkOneClick.Checked
clsOptions.CopyMinimise = Me.chkMinimiseOnCopy.Checked
```

3) Rapid Variable Setup.
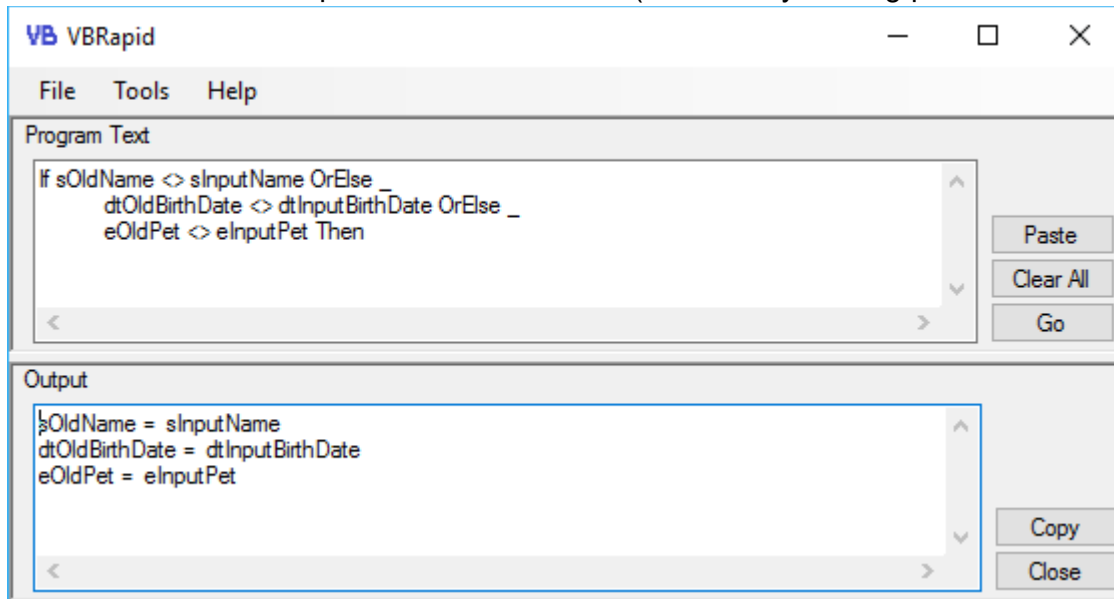   Imagine the code segment below: -
```
If sOldName <> sInputName OrElse _
   dtOldBirthDate <> dtInputBirthDate OrElse _
   eOldPet <> eInputPet Then

End If
```

You now want to setup the variables (e.g. to stop entering the If statement again). Start up VBRapid from the "Tools" menu option in the VB .net IDE (or if already running press **<Ctrl><Alt>R**).

Click "Copy" to copy the code to the resultant clipboard to be pasted back into the VB IDE.

```
sOldName = sInputName
dtOldBirthDate = dtInputBirthDate
eOldPet = eInputPet
```

Menu Options.
File.
   Exit   Closes the application.
Tools.
        Options   Displays the options window (See Options section).
Help.
        Help …   Opens Help File.
        EXE Location …   Opens a window showing the location of the VBRapid.exe file.
        About this program   Shows the program details.

Adding VBRapid to the VB .net IDE "Tools" menu.

To add a shortcut to the VBRapid program on the "Tools" menu of the VB .net IDE window follow these steps: -

1) Start up the Visual Basic .net IDE.
2) **Click** the **"Tools"** menu option.
3) **Select** the **"External Tools…"** menu option.
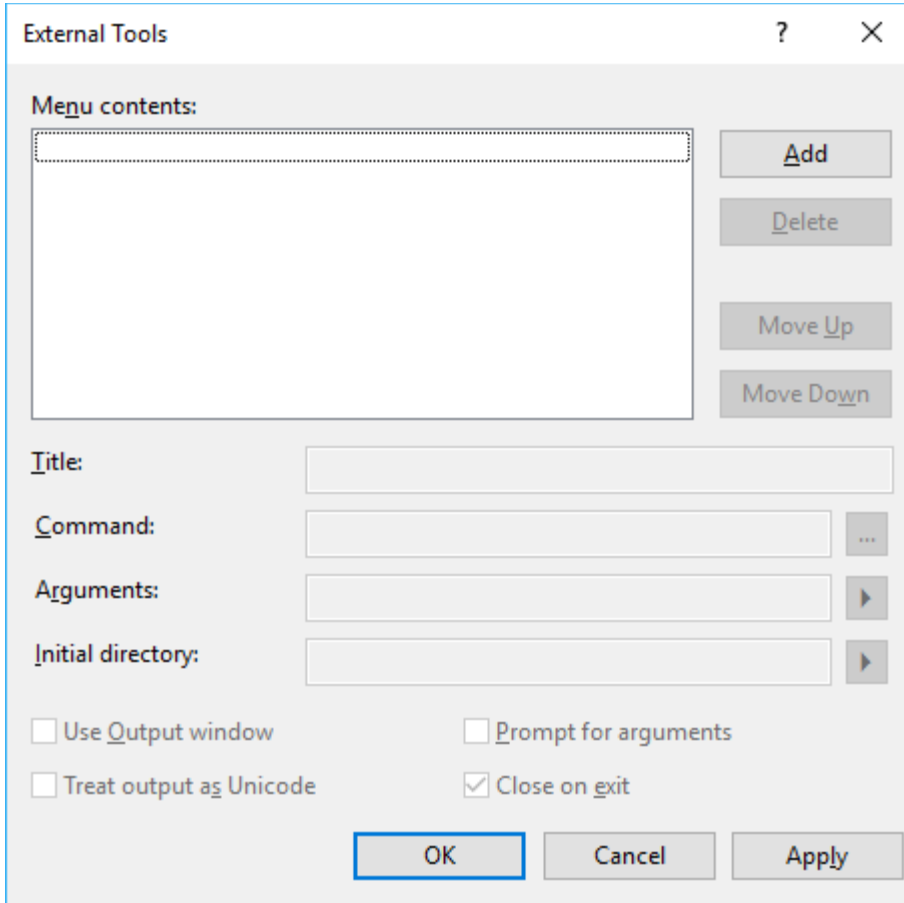
4) **Click** the **"Add"** button.
5) **Type** the text **"VBRapid"** into the **"Title"** field.
6) **Type** the location of the VBRapid.exe file into the **"Command"** field. The exe location can be found by: -
   a) Running the **VBRapid** program from the **"Start" menu**.
   b) **Select menu** option **"Help"**.
   c) **Select menu** option **"Exe Location"**.
   d) Copy the displayed location to the clipboard and paste it into the **"Command"** field.
7) Finally **click "OK"** to activate.

VBRapid can now be started from the Tools menu option.

Options.

The options screen is displayed from the **menu** options **"Tools" -> "Options".**
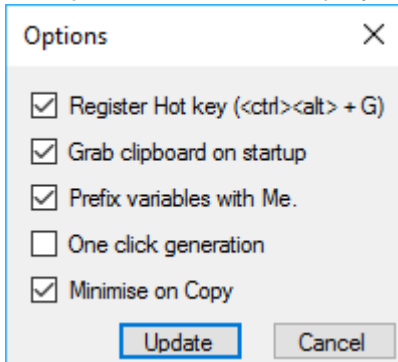
Register Hot Key.

If this option is checked then pressing the **<Ctrl><Alt> and G** at the same time will cause the VBRapid window to pop up. Note the VBRapid application needs to be running first.

Grab Clipboard on start up.

By checking this option When VBRapid is started or Popped Up with the **<Ctrl><Alt>R** key combination, the clipboard is automatically copied to the "Program text" field.

Prefix variables with Me.

This option when checked will cause local variable assignment to be prefixed with the word "Me." inside property getters and setters. Note the prefix is omitted when generating a shared property.

One click generation.

If this option is checked then clicking on the "Generate" button in the VBRapid main window will result in the output text being generated and then copied to the clipboard ready to be pasted into the VB .net IDE.

Minimise on Copy.

Select this option if the main window is to be minimised when the **"Copy"** button is **clicked** to copy the output text to the clipboard.

Uninstall.

To remove VBRapid from the computer follow these instructions: -
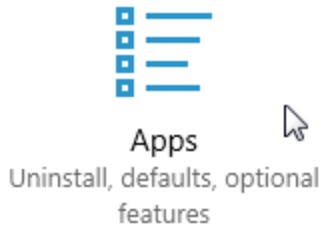
Windows 10.

1) **Click** the **Start** button.

2) **Click** the **"Settings"** button from the popup menu.
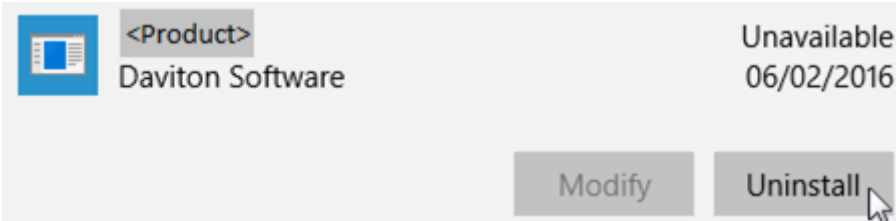
3) **Click** on the **"Apps"** button.

Apps
Uninstall, defaults, optional features

4) **Select "Apps & Features"** from the left hand options.

Apps & features

5) In the list of **installed apps**, **click** on **VBRapid**.

| <Product> Daviton Software | Unavailable 06/02/2016 |

6) **Click** on the **"Uninstall"** button.

| <Product> Daviton Software | Unavailable 06/02/2016 |

Modify Uninstall

7) When prompted, **click** on the **"Uninstall"** button.

This app and its related info will be uninstalled.

Uninstall
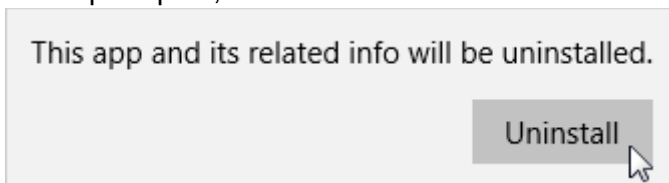
8) You may be prompted for security access. Just **click** the **"Yes"** button.

User Account Control ✕

Do you want to allow this app to make changes to your PC?

Program name: Windows host process (Rundll32)
Verified publisher: **Microsoft Windows**

Show details   Yes   No

Change when these notifications appear
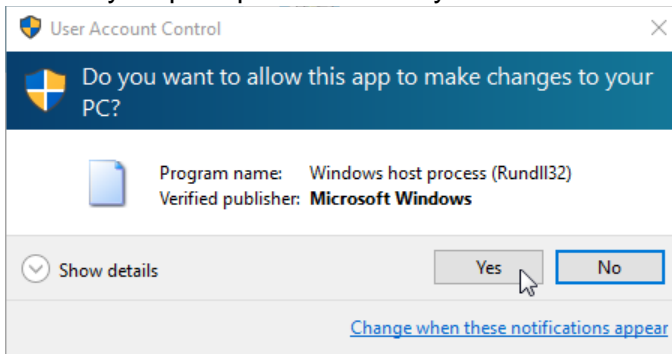
9) Lastly at the **"Product Maintenance"** window, ensure the **"Remove the application from this computer"** option is checked and **click** on the **"OK"** button.
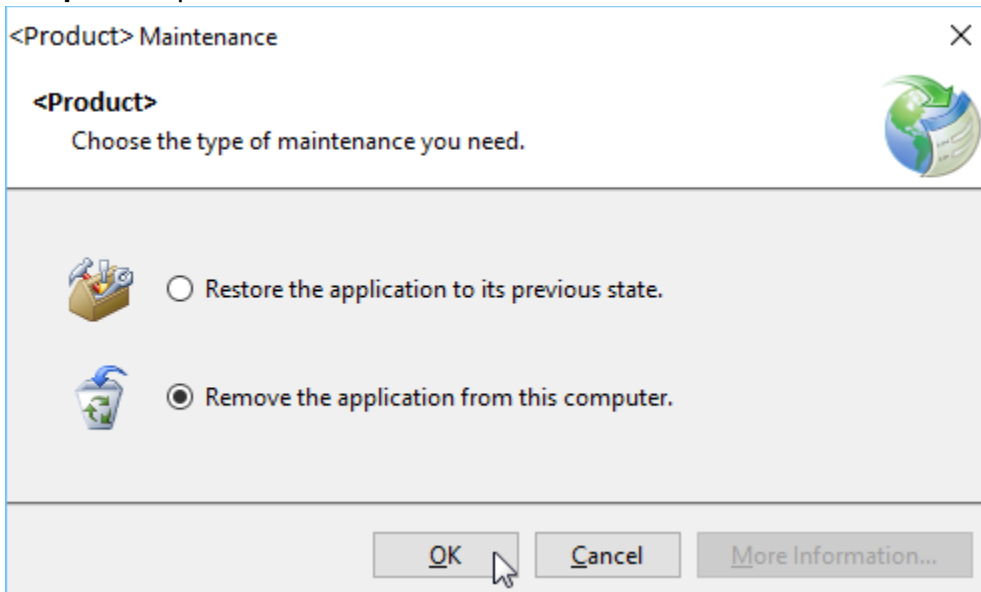
10) **VBRapid** will now be removed from the computer.

Windows 7.

1) **Click** the **Start** button.

2) **Click** the **"Control Panel"** option from the menu.

3) **Click** the **"Programs and Features"** option from the menu.

4) In the **"Programs and Features"** window, **double-click VBRapid**.
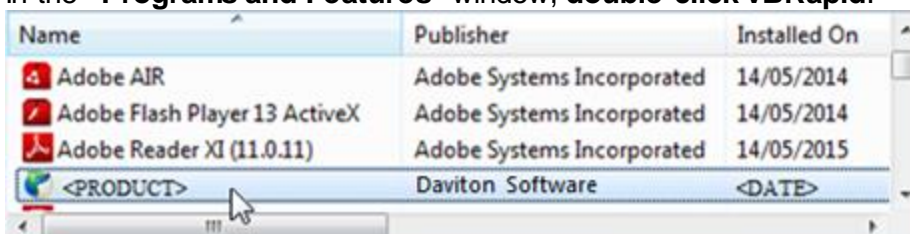
5) Lastly at the **"Product Maintenance"** window, ensure the **"Remove the application from this computer"** option is **checked** and **click** on the **"OK"** button.
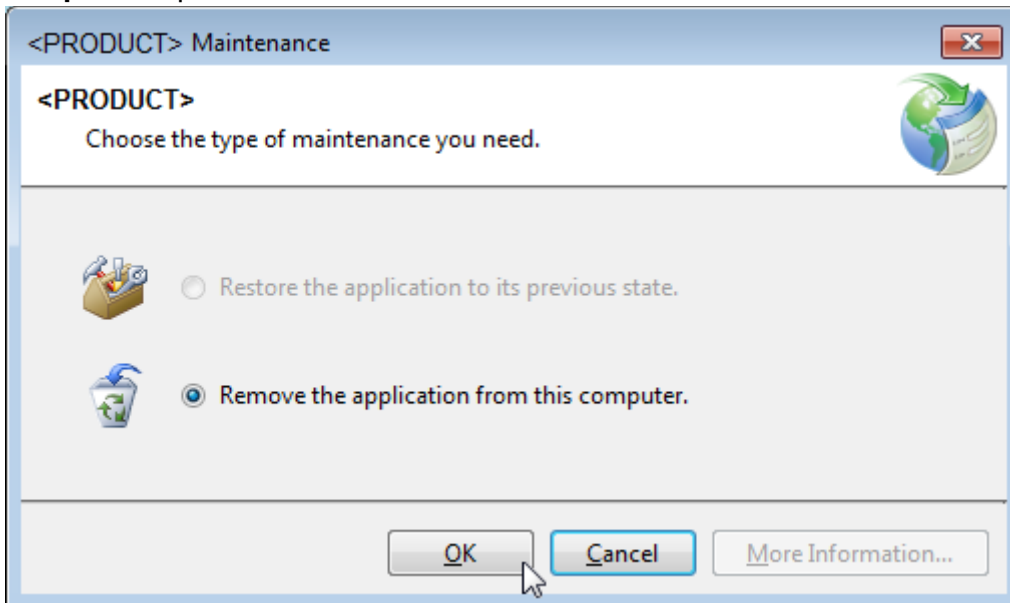
6) Lastly at the **"Product Maintenance"** window, ensure the **"Remove the application from this computer"** option is checked and **click** on the **"OK"** button.
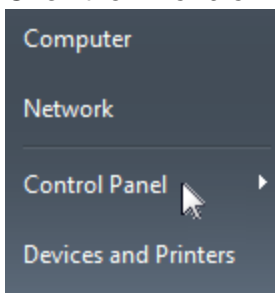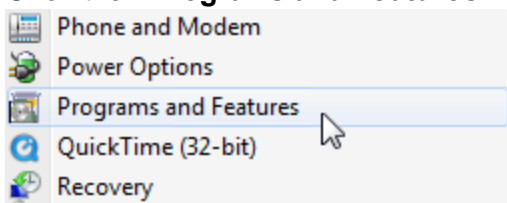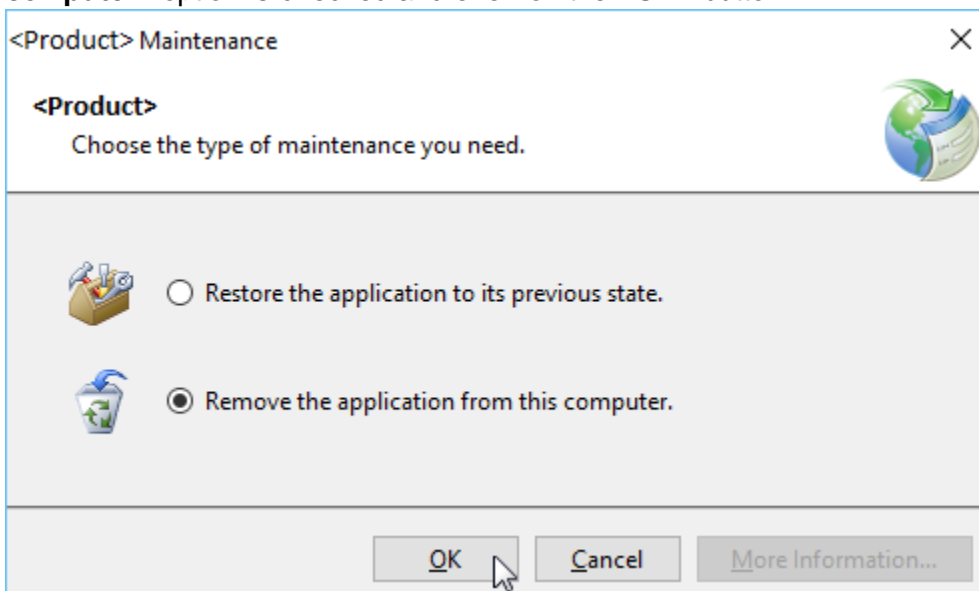

7) **VBRapid** will now be removed from the computer.

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Useful links.

Product Information.

More information about VBRapid including the latest version can be found here: -
http://www.Daviton.com/Products/VBRapid/index.html

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Version History.

Version Number	Release Date	
1.0.0.0	29/11/2018	Initial release version.