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Pushing over the underlined text, you can accede to more information.

What is Wincatraz?

Wincatraz is the solution to protect WINDOWS executables against copying. It is very easy to use, and you access this function from a lot of languages since it is included into a dynamic library (DLL).

The main idea in WINCATRAZ is making you not to worry about protecting your executable files against copying. Now you can pay attention to other points of your programming.

The program has been tested and there weren't any errors found. But if you find a bug please mail one of these addresses and explain what happened (give as much information as possible) :

Internet : ebuhler@netgate.comintur.com.uy

How to use Wincatraz

Wincatraz is very easy to use since it is included into a dynamic library (DLL). To use WINCATRAZ you need to declare it as a external function.

Below we show some declarations for some languages:

VISUAL BASIC

```
Declare Function Wincatraz Lib "Winz.dll" (ByVal crc As String) As Long
```

C/C++

```
extern long int WINCATRAZ(LPSTR);
```

Borland Delphi

```
Function WINCATRAZ(crc:pchar):longint; far; external 'WINZ';
```

If you can't find the declaration for your programming language library, please remit to the documentation of the programming language you're using.

Note: The file 'WIZ.DLL' must be in the Windows "System" directory.

Calling Wincatraz.

To call Wincatraz, you have to do this:

(Syntax)

```
WINCATRAZ("<parameter>")
```

Parameters

Wincatraz accepts 2 kinds of parameters:

- 1 The parameters that execute an action. (ACCION)
- 2 The parameters that return a number.

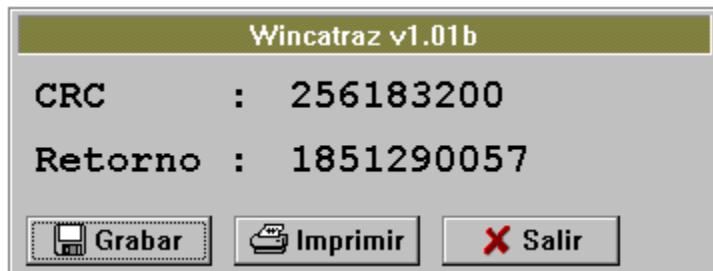
The ACCION 0 parameter.

Assign the value 0 (zero) to the ACCION parameter, it will open a window showing the CRC of the actual PC, and the value that WINCATRAZ must return if the program is installed in the correct machine.

Example:

Dim variable as LONG

```
variable = Wincatraz("ACCION=0")
```



Window displayed when executing Wincatraz("ACCION=0")

Like the figure shows, it is also possible to record this information in a text file, or print it (record and print buttons).

Always when you need to know the CRC of the actual PC, call Wincatraz with the ACCION=0 parameter.

The CRC parameter.

Next example shows how you can give a CRC value (previously obtained with ACCION=0) to WINCATRAZ.

```
variable = WINCATRAZ("CRC=<CRC value>")
```

When you call WINCATRAZ with the CRC value, it returns a unique value (used for verifying), that will be used later to verify that the program is installed in the desired machine.

Example:

Dim RETORNO as long

```
RETORNO = WINCATRAZ("CRC=283738291") ; Returns the value  
; 192873673 if it is in the  
; correct machine.
```

```
IF RETORNO <> 192873673 THEN GOTO boot
```

This example is a very simple one and somehow insecure and the program might be deprotected in another PC. This happens because it is possible to know the return value.

The next example is more secure since it's impossible to know the return value.

Imagine that your program needs to initialize the variable BASE with the value 20 and if BASE is not initialized with the appropriate value (20) the program does not run as it should.

Dim RETORNO as long

Dim BASE as long

```
RETORNO = WINCATRAZ("CRC=283738291") ;Returns the value  
; 82679288 in the  
; correct machine.
```

```
base=82679268
```

```
base=RETORNO-base
```

In this case, BASE uses the returned value to assign it's own value.

If the program is not run in the desired machine, BASE can have a random value, then it will be difficult to know the possible correct value for the BASE variable.

It is recommended to make several calls to WINCATRAZ at different parts of the program and then you can use different CRC values in each call.

Besides, it is important to use the RETORNO value for important processes. WINCATRAZ always creates a different CRC value (when called with ACCION=0), so it is recommended to compare the value when the program starts and check if it is the value expected and later make other calls to WINCATRAZ with different CRC values (as the examples above show) and to use the return value for vital processes.

Example:

Dim RETORNO as long

```
RETORNO = WINCATRAZ("CRC=283738291") ; Returns the value  
; 192873673 in the  
; correct machine.
```

```
IF RETORNO = 192873673 THEN
```

```
    RETORNO=WINCATRAZ ("ACCION=1") ; Create a general error  
    ; and exit program.
```

```
.  
. .  
RETORNO=WINCATRAZ("CRC=83729283") ; Retorno = 293792038  
; base=retorno-293792018  
; Use the return value  
; for an important action.  
. .  
. .  
. .  
. .  
RETORNO=WINCATRAZ("CRC=282739267") ; Retorno = 19283976  
variable_importante = retorno - 19283936 ; Use the return value  
; for an important action.  
. .
```

Extra parameters

WINCATRAZ offers 2 extra parameters :

The ACCION 1 parameter.

Calling WINCATRAZ with this parameter, generates a general protection error in Windows and stops the program.

Example:

```
Dim RETORNO as long
```

```
RETORNO = wincatraz("CRC=283738291")
```

```
IF RETORNO = 192873673 THEN  
RETORNO=Wincatraz("ACCION=1") ; Create general error, and  
; abort the program.
```

The ACCION 2 parameter.

Calling WINCATRAZ with this parameter, generates a "hang up" in the system and stops the program.

Example:

```
Dim RETORNO as long
```

```
RETORNO = Wincatraz("CRC=283738291")
```

```
IF retorno = 192873673 THEN  
RETORNO=Wincatraz("ACCION=2") ; Hang up the application.
```

Recommended checks before installing Wincatraz.

Before calling WINCATRAZ it is recommended to check the Dynamic Library's length. If you want or you find it more comfortable you can rename "WINZ.DLL" to a more suitable name for your application.

Use License

Wincatraz (R) v1.01b for Windows (TM), is a program created and registered by Erich Bühler.

Wincatraz is freeware, and does not require any kind of payment.

No part of WINCATRAZ (R) can be modified without the author's written authorization. If you violate all or some of the conditions above you will be subject to criminal prosecution.

The author isn't responsible for ANY damage caused by the program and does not assure that the security offered by this program is 100% effective. (As you might know, no software protection is 100% effective).

The program's utilization includes the license agreement.

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- Diego Martín Panizza

