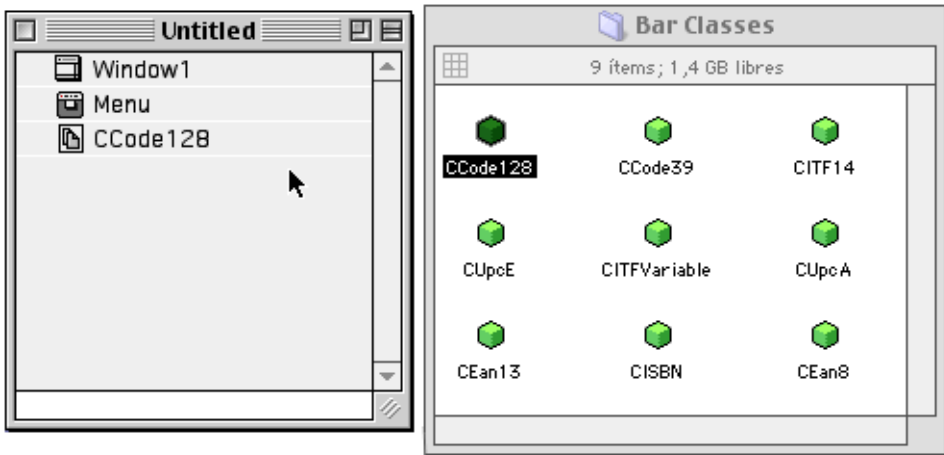


REALbars v1.0

REALbars is a set of classes that implement bar codes for REALBasic developers. REALbars include 9 bar code classes: EAN-8, EAN-13 (& addendum), ISBN (& addendum), UPC-A (& addendum), UPC-E, ITF-14, ITF Variable, Code 39 and Code 128.

Including REALbars in your projects is very easy, simply drag the classes to your project window.



Your project is now ready to create bar codes by simply dragging the bar code class you need to any of your project's windows.

If you have registered one or all of the classes the first thing to do is to unlock the bar code so that it will not show the "Demo" word over the bars.

To unlock a bar code you must call the **BARUnlock** method of the object, you must do so with every bar code object created. This method is common to all bar code classes.

BARUnlock(aRef as string,aKey as string)

Where **aRef** and **aKey** are the registration key codes that you receive when you register REALbars.

The registration codes may differ from class to class unless you register for the complete set of classes.

A good place to call this method is in the **Open()** event of your window.

All the classes have a set of common methods that will be described following.

BARDraw(g as graphics, x as integer, y as integer)

Draws the bar code at the location **x,y** in the graphics object specified by **g**. This method is used to print bar codes.

The following listing is an example of how to print a bar code:

```
Dim g as graphics  
  
g=OpenPrinter()  
aBarCode.BARDraw g,0,0
```

BARSetFactor(aFactor as double)

This method sets the factor of enlargement or reduction for a bar code. By default the factor is set to 1 (the normal size). Setting a factor less than 1 reduces the size of the bar code, a factor greater of 1 enlarges.

BARSetTrunc(aTrunc as double)

This method sets the truncation of a bar code. Truncation refers to the vertical length of bars. By default truncation is set to 0 (the normal length). Setting a truncation greater than 0 enlarges the height of bars, a truncation less than 0 reduces the length of bars. This measure is independent of the factor of the bar code.

BARSetResolution(aRes as integer)

This method sets the resolution at which a bar code will be imaged. When more resolution more precise bar codes will be drawn but more memory will be used. The default resolution is 300 dpi.

BARSetTransparent(doTransparent as boolean)

This method sets the transparency option for a bar code. Specify true to make the bar code draw transparent, or false to draw it with a white background. By default the transparency option is set to false.

BARSetCode(aCode as string)

BARSetCode(aCode as string, aAdd as string)

The BARSetCode method has two forms depending on the type of bar code. For bar codes that accept addendums you must use the second form, all the others use the first.

Bar codes with addendum

EAN-13

UPC-A

ISBN

Bar codes w/o addendum

EAN-8

UPC-E

ITF-14

ITF-Variable

Code 39

Code 128

The BARSetCode method automatically corrects the string you supply, if a bar code accepts only digits all letters in the string will be ignored. You must not include the control code in the string, REALbars automatically calculate the control code.

BARSetDoCtlCode(doCtlCode as boolean)

This method is only valid for the **Code 39** bar code. This bar code has optional control code. If you want the bar code to include a control code pass **true** as a parameter. By default the control code will not be included.