

Tutorial: Adding Barcode ActiveX to a Visual FoxPro Program

Table of Contents

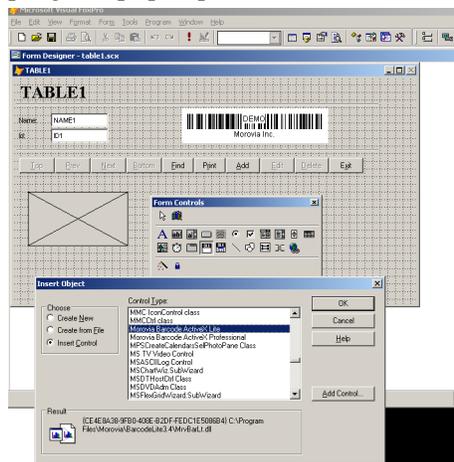
To Add Barcode ActiveX Control On a Form	1
To Add Barcode ActiveX on a Report	1

This tutorial briefly explains how to add Barcode ActiveX (professional version and Lite version) in a Visual FoxPro program. The screenshots were taken from Visual FoxPro 9. However, they should apply in FoxPro 6 and above.

This example FoxPro application contains a small table called `table1`. This table has two fields: name and ID, which store the name and ID of employees. We would like to have barcodes for each employee in the report.

To Add Barcode ActiveX Control On a Form

In design mode, first make sure that Form Controls toolbar is visible with View → Form Controls Toolbar (Alt-V+F). In the toolbar, click on ActiveX Control (Ole Control). Draw a rectangle and at the completion, the program pops up a list of controls:



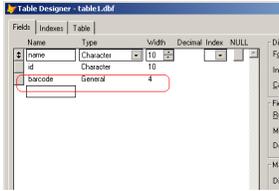
Right click on Properties and you can modify properties there. You might want to set `AutoSize` to `True` so that the barcode drew on the screen reflect the real size, not the rectangle you just drew.

In order to display barcodes in reports, you need to do more. The next section explains how to add barcode in a report.

To Add Barcode ActiveX on a Report

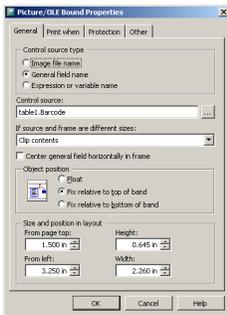
In order for the barcode to appear on a report, you need to embed it in the table with type `General`. Open Table Designer, add a field called `Barcode`, and set the type to `General`.

2 ■ TUTORIAL: ADDING BARCODE ACTIVEX TO A VISUAL FOXPRO PROGRAM

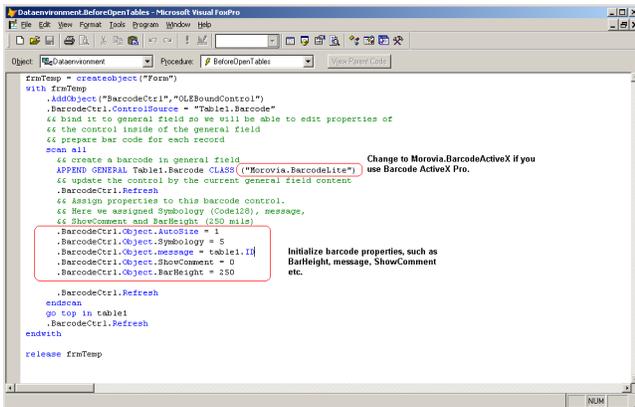


In the design mode, first make sure that Report Controls Toolbar is visible with View → Report Controls Toolbar (**Alt-V+o**). In the toolbar, click on Picture/OLE Bound Control and draw a rectangle.

In the subsequent dialog, select Control source type as General field name. In the control source box, enter `table1.Barcode`. This is the field name that we created in the first step. You may need to change it if you use a different table or field name.



Now we need to add code to initialize this control. Right click on the report, and select Data Environment. In the Data Environment windows, right click and select Code... to pop up the code window. Override `BeforeOpenTables` procedure in Object Dataenvironment.



The code is listed below for copy/paste:

```

frmTemp = createobject("Form")
with frmTemp
  .AddObject("BarcodeCtrl", "OLEBoundControl")
  .BarcodeCtrl.ControlSource = "Table1.Barcode"
  && bind it to general field so we will be able to edit properties of
  && the control inside of the general field
  && prepare bar code for each record
  scan all
  && create a barcode in general field
  APPEND GENERAL Table1.Barcode CLASS ("Morovia.BarcodeLite")
  && update the control by the current general field content
  .BarcodeCtrl.Refresh
  && Assign properties to this barcode control.
  && Here we assigned Symbology (Code128), message,
  && ShowComment and BarHeight (250 mils)
  
```

```
.BarcodeCtrl.Object.AutoSize = 1
.BarcodeCtrl.Object.Symbology = 5
.BarcodeCtrl.Object.message = table1.ID
.BarcodeCtrl.Object.ShowComment = 0
.BarcodeCtrl.Object.BarHeight = 250

.BarcodeCtrl.Refresh
endscan
go top in table1
.BarcodeCtrl.Refresh
endwith

release frmTemp
```

If you are using Morovia Barcode ActiveX Professional, do not forget to change this line:

```
APPEND GENERAL Table1.Barcode CLASS ("Morovia.BarcodeLite")
```

to

```
APPEND GENERAL Table1.Barcode CLASS ("Morovia.BarcodeActiveX")
```

Now save the work. click on Print Preview button to view the report. You may notice the "demo" text on the report because we created this example with trial version software. It won' appear if the full version software is installed.

Name	Id
	123456
TaLung	123457
Justin	908123
Mantis	123456

An example project can be downloaded here¹. Note that this example uses Barcode ActiveX Lite. If you have Barcode ActiveX Professional installed instead, you need to change all references of `Morovia.BarcodeLite` to `Morovia.BarcodeActiveX`. As an alternative, you might download a trial copy of Barcode Lite so that you can run this example project on your computer.

¹ 10137/FoxPro-Bacode-Lite-Example.zip

