

# Codabar version 5.0

The Codabar fonts in this font collection are in both TrueType and Type 1 PostScript format. The setup program installs the TrueType fonts by default. We encourage you to install one format or the other but it is unnecessary to install both. When properly installed, the Codabar fonts will be available from within any Microsoft Windows application.

Codabar's character set includes the numbers 0-9 and six other characters: - + / \$ : .

To create a scannable Codabar barcode symbol, format a string that begins and ends with either "A", "B", "C", or "D". These four letters are used as the start and stop bars for Codabar. The letters should be used as matching pairs ( "A123A" or "B123B" not "A123B" ).

Like all outline fonts, the Codabar fonts can be scaled to a wide variety of point sizes. The point size you use determines the bar height. For example, if you format a string at 36 points, the bars will be 1/2" tall. The width of the bar code symbols will differ depending on which Codabar font you use. It is important to test your output with your barcode scanner.

Among the four fonts in the Codabar collection, Codabar-2 is twice as wide as Codabar-1. Codabar-3 is three times as wide as Codabar-1 and Codabar-4 is four times as wide as Codabar-1.



A123A

Codabar-1



A123A

Codabar-2



A123A

Codabar-3



A123A

Codabar-4

There are two ways to make a Codabar barcode: either using our bundled utility or from within your own application. The bundled utility is a wizard for those making one or two symbols at a time. We suggest using our free sample code if you will be calling our Codabar fonts from within your own application.

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Input your numeric string. This is the data you want encoded in a Codabar bar code.

Select the start and stop bar combination you want to use (A, B, C, or D).

Select which of the four Codabar fonts you want to use. Remember that each is twice as wide as the one before it.

Select the point size for your Codabar symbol. The point size determines the height of the bars. The font determines the symbol's width.

Choose whether you want the optional human readable characters to appear under the bar code itself. Select the point size for the human readables. You can center align the bar code and the human readables in your application if you want to.

Click the Preview button to create and preview your Codabar symbol.

Click the Copy button to copy the resultant string to the Clipboard. Switch to your target application and paste the string from the Clipboard into your file.

Click the Print button to print a Codabar bar code from within the Codabar utility.

Free sample code to help you integrate our bar code fonts into your own applications can be found on our web site: [www.azalea.com/SampleCode](http://www.azalea.com/SampleCode) Please contact us if you would like to redistribute our fonts bundled with your applications. This requires a separate Limited Redistribution Agreement.

This sample code can be incorporated into your application as long as the copyright notice is left intact. Input error checking is your responsibility. Check for the correct Codabar character set from within your application.

```
' Codabar using A start & stop bars
Function AzaleaCodabarA(ByVal yourString as String) as String
' Codabar v5.0 jwhiting Azalea Software, Inc. www.azalea.com
' Copyright 2002 Jerry Whiting. All rights reserved.
' This function creates Codabar barcodes with "A" for the start & stop bars.
' Format the output, AzaleaCodabarA, using an Azalea Codabar font.
'   yourContainer.text = AzaleaCodabarA(yourString)
  AzaleaCodabarA = "A" + yourString + "A"
End Function

' Codabar using B start & stop bars
Function AzaleaCodabarB(ByVal yourString as String) as String
' Codabar v5.0 jwhiting Azalea Software, Inc. www.azalea.com
' Copyright 2002 Jerry Whiting. All rights reserved.
' This function creates Codabar barcodes with "B" for the start & stop bars.
' Format the output, AzaleaCodabarB, using an Azalea Codabar font.
'   yourContainer.text = AzaleaCodabarB(yourString)
  AzaleaCodabarB = "B" + yourString + "B"
End Function

' Codabar using C start & stop bars
Function AzaleaCodabarC(ByVal yourString as String) as String
' Codabar v5.0 jwhiting Azalea Software, Inc. www.azalea.com
' Copyright 2002 Jerry Whiting. All rights reserved.
' This function creates Codabar barcodes with "C" for the start & stop bars.
' Format the output, AzaleaCodabarC, using an Azalea Codabar font.
'   yourContainer.text = AzaleaCodabarC(yourString)
  AzaleaCodabarC = "C" + yourString + "C"
End Function

' Codabar using D start & stop bars
Function AzaleaCodabarD(ByVal yourString as String) as String
' Codabar v5.0 jwhiting Azalea Software, Inc. www.azalea.com
' Copyright 2002 Jerry Whiting. All rights reserved.
' This function creates Codabar barcodes with "D" for the start & stop bars.
' Format the output, AzaleaCodabarD, using an Azalea Codabar font.
'   yourContainer.text = AzaleaCodabarD(yourString)
  AzaleaCodabarD = "D" + yourString + "D"
End Function
```