Help Index

BARS VERSION 4.0

Overview of program
Overview of bar-code types
Getting started
Label types
How to get input from a file
How to save labels to a file
How to create a new label type
How to Enter a Bar-code
How to use the WYSIWYG screen
Using the menus
Using the buttons
Selecting the current label
How to delete the current label
How to place a bitmap
How to clear all labels
Font Size
Previous Label
Next Label
Bar-code Density
Bar-code Height
Bar-code type
How to Register
Product Support
Shareware Concept

Label Types

All label types are based on Avery Standard Labels.

To select a new label type

Use the mouse and press the down arrow button on the
Label Type Combo Box to display a list of available label types.
Then select the appropriate label type.

Please Note:
*When you select a new label type all labels you have created
will be erased and a fresh sheet will be shown*.

Entering a Bar-code

To enter a bar-code use the following method:

1] Click the left mouse button on the bar-code code field. Enter a code
2] Click the left mouse button on the bar-code text field. Enter the label text
3] Then click the update label button. The program will then draw the label on the WYSIWYG screen.

You may also select the update and increment button. This button does the same thing however
it will increment the label counter to the next label

Please Note: **Make sure the bar-code entered does not exceed the label width**.

Placing Bitmaps

To place a bit map, select **Bitmaps** from the main menu on the top of the screen then select **Place bitmap on current label.** The program will then display the open file dialog just select a file and double click on it to open.

Please see also **Copying Bitmaps to all Labels.**

Clear all Labels

Selecting the **Clear all Label** button from the File menu on the control panel will clear all of the bar codes from the full view screen.
It will not clear bitmaps.
This must be done with the use of **Delete bitmaps from all labels** on page from the Bitmaps menu selection on the control panel

Clear Current Label

Selecting the "Clear Current Label" button from the main screen will clear the current label. However, it will not clear the bitmap on the current label. This must be done by double clicking on that bitmap on the full view screen.

Previous Label

All labels on the page have a label number assigned to them which is based on the total number of labels of the label type.   Selecting "Previous Label" will set the current label number to the one before the one you are working with.

Note: The current label number can be found in the bottom left hand corner of the main window.

Next Label

All labels on the page have a label number assigned to them which is based on the total number of labels of the label type.   Selecting "Next Label" will set the current label number to the one after the one you are working with.

Note: The current label number can be found in the bottom left hand corner of the main window.

Font Size

Font sizes may be selected by pressing the **Fonts button** which will display a list of the available fonts and sizes.   Then simply select the size you wish.

Please be aware that if you select a font size to large the text may be clipped to fit the label size

Bar Code Density

Bar Code density has three options: Low, Medium, and High.   Depending on the printer that you have installed under Windows, some densities may work better than others.   You may find out which one by trial and error.

Low Density will make the bars further apart, while High Density will make them closer together, and Medium is somewhere in between.

Selecting the Current Label

This can be achieved one of two ways:

You may select previous or next label from the main Window, or
You may double click on the label of your choice from the WYSIWYG screen

Using the Full View Screen

The full view screen is a WYSIWYG display of the actual printed page.   You may scroll this screen both horizontally and vertically by using the scroll bars on the right hand side and bottom of screen.

Also for a quick select of current label double click the label and the current label will be set to that label

To bring back the main window, select **Display Control Panel** from the menu on the full view screen.

Bar Code Height

Selecting the menu option "Barcode Height" from the main Window, will display the list of several Barcode Heights.   All heights are in inches.   Select your choice from that list.

How to Register

Run the program and select **register** from the main menu
write down your **authorization code** then **send your code**
with a check in the amount of 85$ USD to:

Eclipse Software Programming
221 Hartford Street
Natick, MA 01760
USA

Sorry, no Credit Cards currently accepted.

Once your check is received you will receive a serial number that is base on the
Authorization Code so please include your code with your order.
Also include your **name, address, fax number, and phone number** so I can contact you.

Checks received without authorization codes may be mailed back to you if I cannot reach you

Once you register all functions in the program will become active.

Product Support

Product support is available between the hours of 6:30 PM and 2:00 AM Eastern Standard Time, Monday through Sunday, seven days per week.   You may reach Product Support at (508) 620-2831 at no charge.

Shareware Concept

Shareware is not Freeware.   It is, however, a way for the programmer to distribute his program worldwide at a fee.   It gives the user the ability to try out the program before purchasing the program.   If the user likes the program and uses the program past the **30 day trial period**, he should register it.   Shareware programs may be distributed in any way you wish, however, they may not be modified in any way and redistributed under the copyright laws of the United States of America.   Eclipse Software Programming reserves all rights to this program and documentation exclusively.   Violation of this copyright may be punishable with a fine or imprisonment.

Barcode Code Field

The **Barcode Code Field** is where you type in the code that will be represented by the bars in the bar-code.

Copy Bitmap to all Labels

To copy the first bitmap on label #1 to all other labels select the
menu option Bitmaps then select   **Copy first Bitmap to all Labels on page**

Input From File

Bars version 4.0 will accept input from a file. This file must be in quoted delimited ASCII file format.

Example File Format:

Bar-code Code	**start quote** **12003456** **end quote**
Bar-code Text	**start quote** **This is a test of the united states broadcast system** **end quote**

Using the buttons

Print	Selecting this option will bring up the print dialog window
Save	Selecting this option will bring up the save file dialog window
Get	Selecting this option will bring up the open file dialog window
Fonts	Selecting this option will bring up the font selection dialog window
Exit	Selecting this will end the program
Move bitmap,barcode	Selecting this will bring up the bitmap/barcode move window
Update label	Selecting this will update the current label only
Update label and increment	Selecting this will update the current label and increment to the next label number
Next label	Selecting this will increment to the next label number
Previous label	Selecting this will decrement to the previous label number
Page up	Selecting this will select the previous page of labels
Page down	Selecting this will select the next page of labels

Getting Started

The program comes pre - configured with default settings however these settings can be changed to suit your needs
To change to default settings select **Setup program defaults** from the options menu on the control panel or just press the quick key combination **Ctrl+D**

You can set any option you want however please note that changing the margins is not usually necessary because the labels are calculated to fit the page and changing the margins will affect the location of all labels printed.
Note that all changes made will not take affect until the next time you run the program

Left Margin	Use the scroll bar to set the desired left margin
Right Margin	Use the scroll bar to set the desired right margin
Page Size	There are three pages sizes available use the page size down arrow selection to select the desired page size
Label Type	All label types are base on Avery standard labels you can select from any of the standard labels types by pressing the down arrow in the label type selection. Note you may also add your own label types to the program to do this you can edit the file called **labels.txt** use the same format as all the other labels in the file and the next time you run the program your label type will be displayed
Left Margin of bar-code for each label	Use the scroll bar to select desired distance of the bar-codes from the labels left edge.
Top margin of bar-code for each label	Use the scroll bar to select desired distance of the bar-codes from the labels top edge
Bar-code Height	Use the scroll bar to set the desired bar-code height
Bar-code type	Use the down arrow selection to select the default bar-code type there are 18 different bar-code types
Bar-code rotation	Use the radio button options to select the desired rotation
Bar-code Density	Use the radio button options to select the desired bar-code density

Progam Overview

This program was written by Paul Widisky

Bars Version 4.0

This program will create barcode labels on any graphics printer that windows will support

Program requirments:
386 CPU running windows version 3.1 or greater
at least 4MB of memory
hard drive with at least 4MB free space
VGA monitor

Program Features:

Barcode types	Supports 19 barcode types
Barcode adjustments	You can adjust the height, density, rotation, and position of each barcode on a page
Text on labels	You can place multiple lines of text on each label
Fonts	Each label can have a different font from a selection of fonts installed under windows
Bitmaps	You can place a bitmap or a icon on any label on the page You can adjust the position for each bitmap or icon on each label You can copy the first bitmap to all labels on the page
Serialize labels	You can create a series of labels that count from values supplied by the user and all have the same label text.
File options	The program will support input from ASCII files or in BARS file format you can also save to both formats.
Print options	The program supports multiple pages of labels. You can choose to print all pages or just single pages of a file. Also if your printer supports it you can make multiple copies of the same page
Online Help	**Your lookin at it** !!
New	Lets you clear all labels and start a new sheet
Copy	Lets you copy current label to all labels on the page
Delete	Lets you delete current label or all labels on a page
Setup	Lets you customize the program configration to your needs i.e. label type you use barcode type , margins, page size etc.
Page size	Supports 3 pages sizes letter, legal, and executive
Cheap price	No other barcode program offers this much for this little please try to find just one!
WYSIWYG screen	See your labels in real time as you create the just as they will be printed

Barcode type overview

Code 3 of 9	This bar code is an alphanumeric bar code allowing uppercase letters and numbers. the program will convert any lower case letters into upper case before printing the bar code. Each character consists of nine elements. 3 of the nine elements are wide, hence the name '3 of 9'.
Extended code 3 of 9	This bar code is similar to Code 3 of 9 except that it allows the full 128 ASCII character set to be encoded by printing two bar code characters for each text character.
Interleaved 2 of 5	This is strictly a numeric bar code. Each encoded character is made up of five elements, two are wide and three are narrow. The number of characters to be printed must be an even. number. If the number of characters to be printed is odd a zero will be appended to the beginning of the code.
Code 93	This bar code is an alpha-numeric bar code allowing upper case letters and numbers. the program will convert lower case letters to upper case before encoding them.
Extended code 93	This bar code is similar to Code 93 except that it allows the full 128 character ASCII character set to be encoded.
UPC -A	UPC (Universal Product Code) version A is used to encode an 11 digit number. The first digit is the system number and the rest are data characters. Both 2 and 5 digit supplementals are also supported

UPC -E 10 digit	This bar code is a zero suppressed version of the UPCA barcode. This version allows 10 digits to be encoded. The first digit must be zero. Both 2 and 5 digit supplementals are also supported.
UPC -E 0 6 digit	This bar code is a zero suppressed version of the UPCA barcode. This version allows 6 digits to be encoded. The first digit must be zero. Both 2 and 5 digit supplementals are also supported.
UPC -E 1 6 digit	This bar code is a one suppressed version of the UPCA barcode. This version allows 6 digits to be encoded. The first digit must be one. Both 2 and 5 digit supplementals are also supported.
EAN 13	EAN barcodes are used when the country origin needs to be known. There are 13 digits in EAN 13 where the first two characters are used to define the country of origin,. the next ten are data, followed by the checksum. Both 2 and 5 digit supplementals are also supported.
EAN 8	EAN barcodes are used when the country origin needs to be known. There are 8 digits in EAN 8 where the first two characters are used to define the country of origin,. the next 5 are data, followed by the checksum. Both 2 and 5 digit supplementals are also supported.
Code 128 auto	Code 128 is a variable length bar code that is capable of encoding the entire 128 character ASCII character set. Code 128 has three subsets. Code 128 AUTO will automatically select the subset that will produce the smallest bar code.
Code 128 A	subset (A) allows all standard upper case alpha-numeric keyboard characters plus control characters.
Code 128 B	subset (B) allows all standard upper case alpha-numeric keyboard characters and lower case alpha characters.
Code 128 C	subset (C) includes a set of 100 digit pairs from 00 to 99 inclusive. This allows double density numeric digits, two digits per bar coded character.
Codabar	Codabar is a variable length barcode that can encode 16 data characters including 0-9, plus the symbols - $; / . +. Codabar is used primarily for numeric data.
MSI Plessy	This barcode is a variable length barcode that can encode up to 15 numeric digits.
UCC 128	This bar code is a specially defined subset of Code 128 that is used mostly on shipping containers. It is numeric only having a fixed length of 19 digits.
Postnet + 4	Zip + 4 Postal Code The POSTNET barcode is used on envelopes and postcards that are sent through the U.S. Postal Service. This barcode is placed in the lower right hand corner of the envelope.

Using the menus

Main menu options for control panel screen:

Menu Heading	Quick keys	Action	Menu options
File	ALT+L	Opens file menu	Import from ASCII file
			Copy first label to all labels on page
			Delete current label
			Clear all labels
			Print
			Exit
Options	ALT+S	Opens options menu	Setup program defaults
			Serialized Labels
Bitmaps	ALT+B	Opens bitmaps menu	Place bitmap on current label
			Copy first bitmap to all labels on page
			Delete all bitmaps on page
			Remove bitmap from current label
Barcode Height	ALT+H	Opens barcode height menu	0.125 inches
			0.250 inches
			0.500 inches
			0.750 inches

Help   **ALT+E**   **Opens help menu**

Copy first label to all labels on a page

Selecting this option from the file menu on the control panel will copy the first label on the page to all other labels on that page.

Please note: that it will only copy the barcode code and the barcode text it will not copy and bitmaps or barcode positions.

Delete current label

Selecting this option from the file menu on the control panel will delete the current label

Please note: that this will delete the barcode code and the barcode text it will not remove any bitmaps and the next label will have the same barcode position as before.

Delete all bitmaps on the page

Selecting this option will remove all bitmaps from the page

Creating serialized labels

Selecting this option will display the serialized labels dialog box. You can enter a starting serial number a ending serial number and the text you want displayed then select OK and the program will generate labels in a incrementing fasion

Save labels to a file

How to create your own label types