

How do I create and use Barcodes in Lاسernet?

Ross Glover - 2023-11-02 - Comments (0) - Lاسernet FAQs

Lاسernet

There are two types of barcodes available within Lاسernet: Internal Barcodes and Symbology Barcodes.

How to create a Barcode Profile

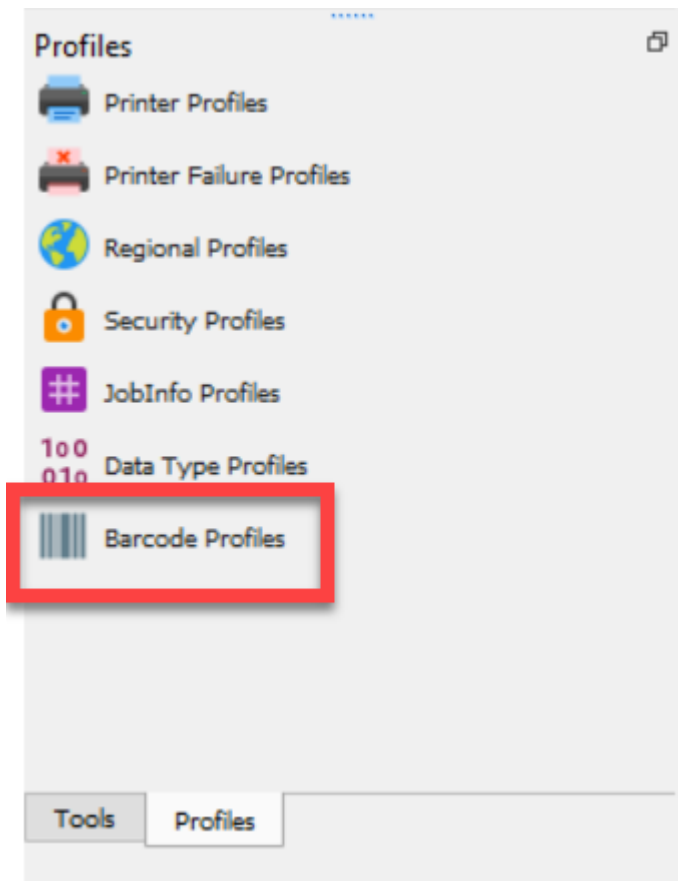
To add both Built-in or Symbology Barcodes to a form, firstly a Barcode Profile must be created.

To create a Barcode Profile in the Lاسernet Developer, follow these steps:

1. Open your build within the Lاسernet Developer application and click the **Profiles** tab in the Tools menu.

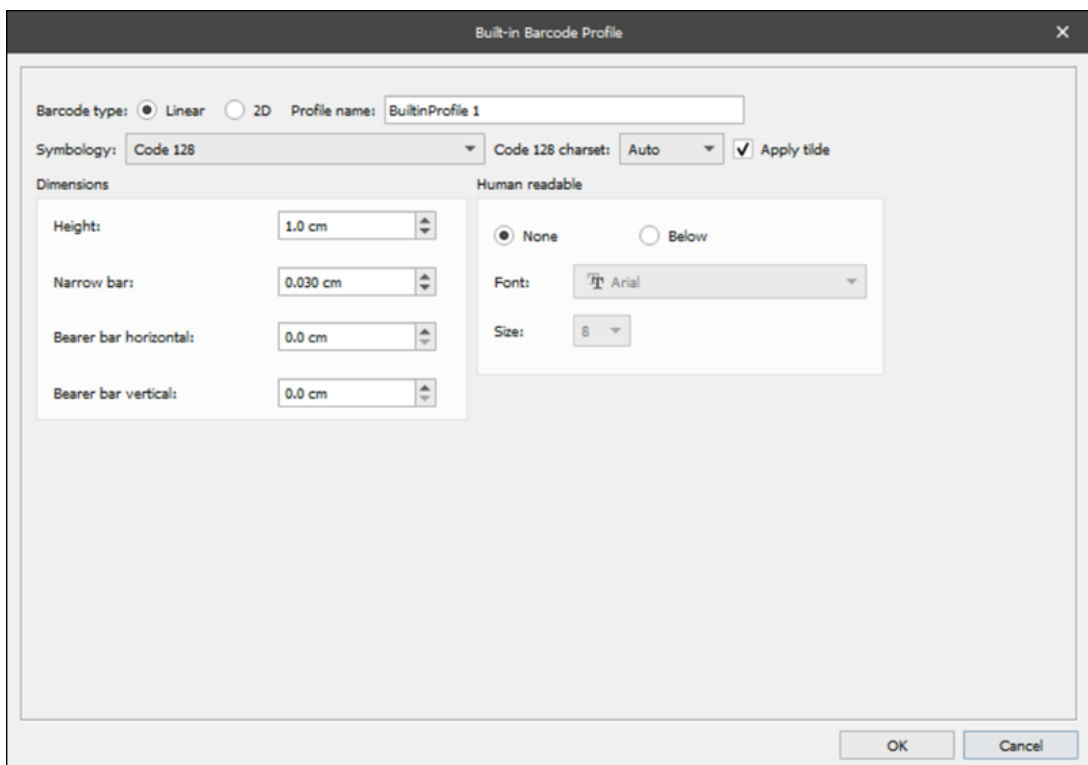
A new menu will appear displaying a list of profiles.

2. Click **Barcode Profiles** to display the *Barcode Profiles* page.



3. Click the **Add** button in the Toolbar to display the *Add Barcode* window. Depending on the scope, create a *Built-in* or *Symbology* Barcode Profile.

Built-in Barcodes



1. Choose your barcode profile settings from the options presented.

These barcodes utilise Lasernet's inbuilt barcode fonts. There are options for:

- Code 128
- Code 39
- Code 93
- Codabar
- Interleaved 2 of 5
- Postnet
- UPC-A
- EAN-8
- EAN-13
- UCC128

Along with the 2D barcode options:

- DataMatrix
- MaxiCode
- PDF417
- QRCode

Some of the above symbologies will also have extra options not displayed, this is especially true with the 2D barcodes which each have a completely different set of options (which are not covered in this article).

The main consistent options are the *Dimensions*, *Human Readable* and *Add Check Digit*.

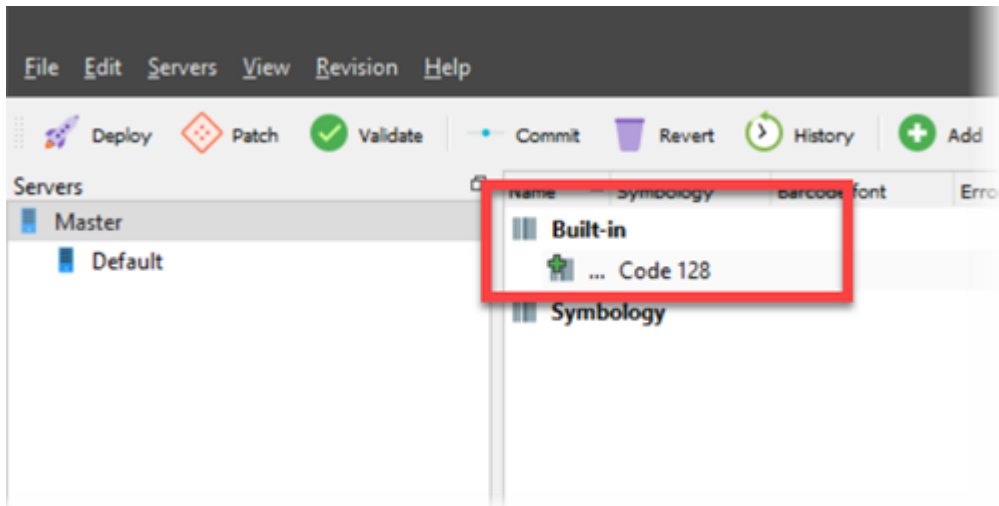
Dimensions: Will change the size of the barcode, the widths of the lines and all the other dimensions.

Human Readable: Will add the value of the barcode below the barcode in a human-readable font. The font and the size used can be changed.

Add check digit: Will add a digit to the end of the barcode so when scanned, a system can use this to confirm if the barcode is correct and complete.

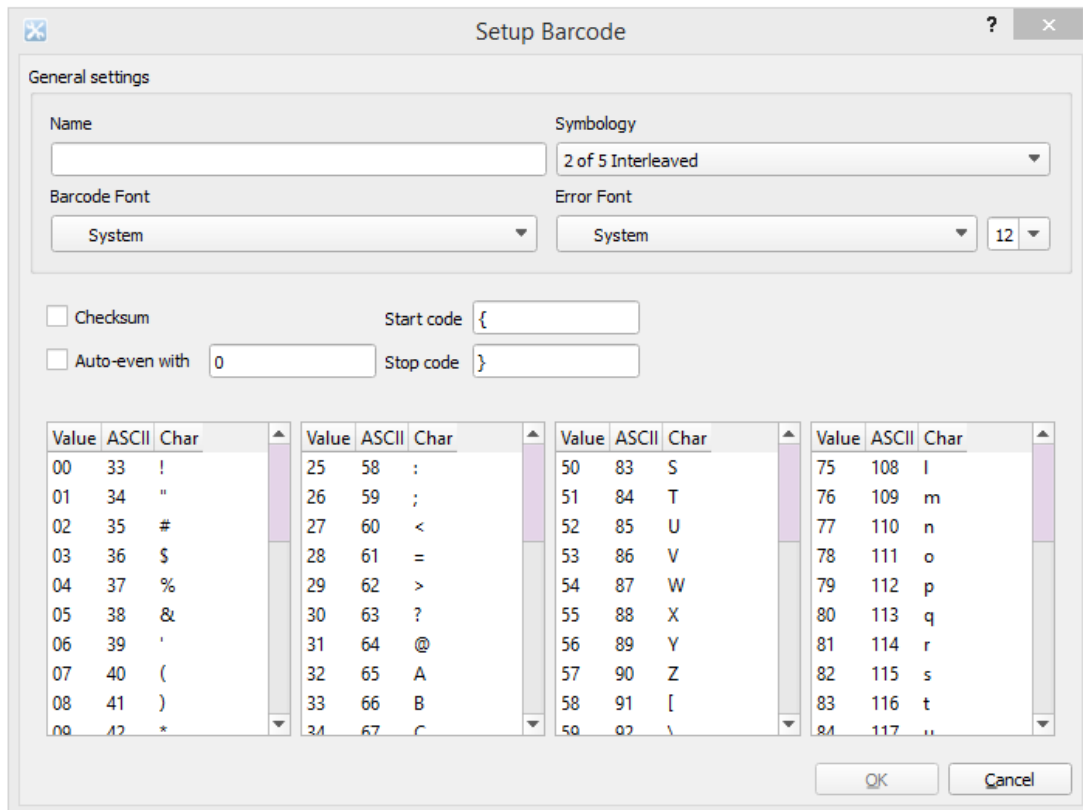
2. Once you have made your choices, click the **OK** button.

The Built-in barcode profile is then displayed on the Work Space.



Symbology Barcodes

These Barcodes use barcode fonts installed in Windows.



Installing a new barcode font can be done through the Windows Control Panel. To do this, follow these steps:

1. Download a **TrueType** barcode font onto the Lanner server (www.elfring.com is a good resource).
2. Go to **Control Panel > Appearance and Personalization > Fonts**.
3. Drag and drop the font into the Fonts interface and restart the Lanner server.

This font can now be added as a profile into the form.

4. To create a Symbology Barcode profile there are a few fields that need to be filled in:

Name: This is what will be used to select the barcode profile while on the form.

Symbology: This is the type of barcode font the barcode will use. There are four options: 2 of 5 Interleaved, Code 3of9, Code 128, EAN 8/13.

Barcode font: This is the main font that will be used in the barcode.

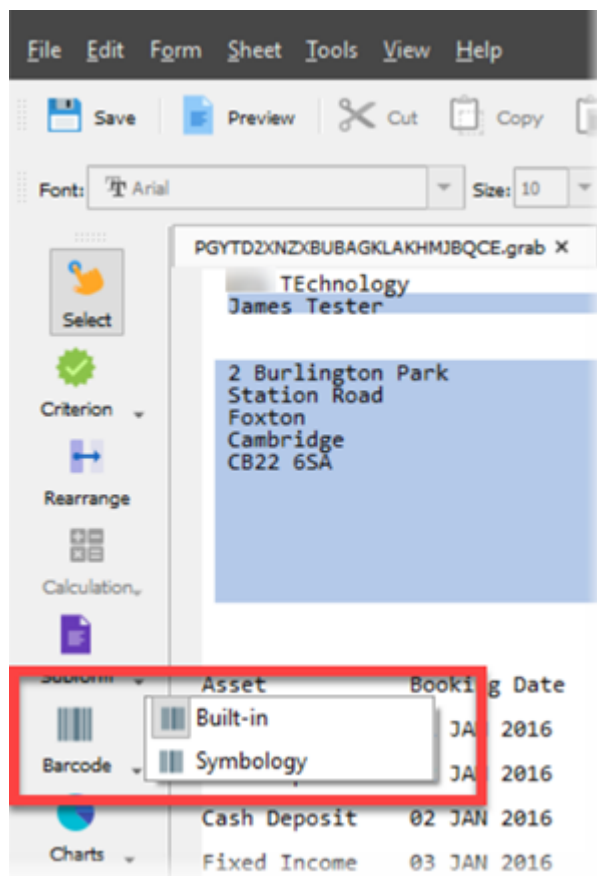
Error font: This is the backup font that will be used in the case an error occurs with the main barcode font.

5. Click the **OK** button.

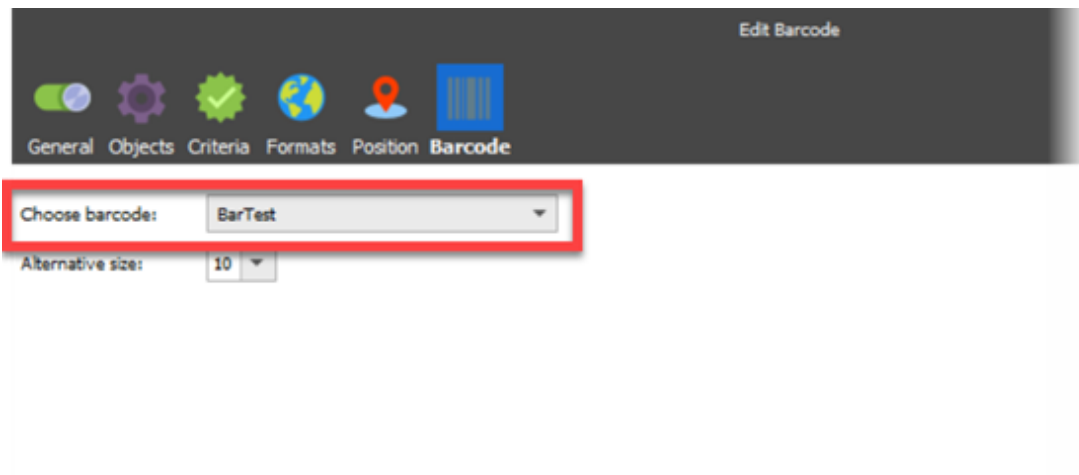
Using Barcodes in a Form

To add a barcode in a form, follow these steps:

1. With your Form open, click the **Barcode** drop-down button in the Left Toolbar.
2. Select either a *Built-in* or *Symbology* barcode to add to the form.



Symbology Barcodes must have a profile created to set them up correctly. To create one, a profile must be selected. To do this, double-click the rearrange and then select the profile from the **Choose barcode** drop-down menu.



A Built-in barcode can have a profile created within the form itself. To do this:

1. With a Form open, select the **Built-in** barcode option in the Left Toolbar using the drop-down arrow.
2. Draw a box for the barcode on the output side of the Form and double-click the barcode box to open the *Edit Barcode* window.
3. Click the **Barcode** tab and select the **Add** button to display two options:

Add barcode as a profile: this will create a reusable barcode profile.

Add rearrange embedded barcode: this will create a profile that will only be useable on this form.

4. Select an option from the drop-down menu, enter the required information for the profile and then click **OK**.

0 10 20 30 40 50 60 70 80 90 100 110

Customer Name: James Tester

Account Number: 0000000001

Billing Address: 2 Burlington Park
Station Road
Foxton
Cambridge
CB22 6SA

No barcode

Date	Asset Type	Item Description
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