Argox Bartender 10.0 UL Form-making User Guide

V2.02 2013/02/27

The contents of this manual are based on BarTender 10.0 2863 and Seagull Driver 7.3.2_M-1

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1 What is the Form-making label file?

The Form-making data format starts with the FS command, followed by a string inside closed quotation marks "" for the form name and ends with the FE command. Anything between FS and FE is the label content. An example of a complete Form-making label file (i.e. the Form name is "EXPORT") is provided below:

ZN FK"EXPORT" FS"EXPORT" I8,1,001 q1215 O JF ZT Q900,37 ←KI81 N FE

2 The Purpose of the Form-making label file

The label file can be stored in ArgoKee or the printer. The input data devices for different storage devices are as follows:

2.1 ArgoKee

The device shown in the illustration below can be used for data input.



2.2 Printer

A PS/2 keyboard or scanner must be used as the data input device. A PC can also be used to send commands directly to the printer for printing Form-making label files.

3 Supported Versions

BarTender 9.30 2731 or later versions Seagull Driver 7.2_M-1 or later versions Attention: Make sure both devices software are the latest versions. If there an error occurs during the data conversion, check the software versions first.

Attention: The different BarTender version may be the user interface will make changes, please note the version number and use the corresponding help file.

4 Supported Languages

Currently, it is only supported PPLB. The Seagull Driver for PPLB must be used for data conversion.

5 Form-making conversion for BarTender

Since the Form-making data format is different from the original emulation, it must be converted using a different method/path. The converted path is **"File -> Export Printer Code Template"**.

The three conversion methods currently offered by BarTender are "Argox ArgoKee/Printer (SRAM)", "Argox ArgoKee/Printer (FLASH)", and "Argox READER (FLASH)".

Export Printer	Code Template	
Output	Argox ArgoKee/Printer (FLASH)	More Options
⊖ <u>A</u> ll in One Fil File <u>N</u> ame:		Browse
Separate Fo Eormat File:	rmat & Data Files	Browse
Data File:		Browse
	<u>Export</u> Close Cancel	Help

A description and comparison of these methods will be provided below.

For example, the Argox X-3200 PPLB will be used below to create a 4 X 3 inch blank label for data conversion, and :

- 5.1 Argox ArgoKee/Printer (SRAM)
 - 5.1.1 Purpose

To be used with ArgoKee and printers.

5.1.2 Comparison

The data saved to ArgoKee will always be stored to FLASH. On the other hand, the data saved to the printer will always be stored to RAM. And those data saved in printers will therefore disappear when power is lost.

5.1.3 Data conversion

ZN FK"EXPORT" FS"EXPORT" I8,1,001 q1215 O JF ZT Q900,37 -KI81 N FE

5.2 Argox ArgoKee/Printer (FLASH)

5.2.1 Purpose

To be used with ArgoKee and printers.

5.2.2 Comparison

Both data are stored to FLASH, so data will not disappear when power is lost.

5.2.3 Data conversion

ZS FK"EXPORT" FS"EXPORT" I8,1,001 q1215 O JF ZT Q900,37 ←KI81 N FE ZN

- 5.3 Argox READER (FLASH)
 - 5.3.1 Purpose

To be used with ArgoKee and printers.

5.3.2 Comparison

Both data are stored to FLASH. The difference the two devices, the

Form name for the "Argox ArgoKee/Printer (FLASH)" is always "READER" with all capital letters. This option is mainly intended for a scanner usage as the data input device. For this reason, it has one extra command compared to "Argox ArgoKee/Printer (FLASH)": "PA1,1". The command means print one copy only. If it is saved to ArgoKee, the user will not be prompted to enter the number of copies after entering the data. One copy will be printed directly.

5.3.3 Data conversion

ZS FK"READER" FS"READER" I8,1,001 q1215 O JF ZT Q900,37 ←KI81 N PA1,1 FE ZN

6 Downloading the Form-making label file

For example, the Argox X-3200 PPLB will be used below to create a 4 X 3 inch blank label.

6.1 Installing the driver

Use the Seagull Driver to install the driver for Argox X-3200 PPLB. Set the **"Ports"** as **"COM1"** and the printer details should be as shown below.

👹 Argox X-320	0 PPLB Pro	perties			? 🔀
General Sharing	Ports Adv	vanced f	onts T	ools About	
Argox	X-3200 PPLB				
Print to the follow checked port.	ving port(s). Do	cuments w		the first free	
Port	Description		Printer		<u>^</u>
LPT1:	Printer Port				-
LPT2:	Printer Port				
LPT3:	Printer Port				
☑ COM1:	Serial Port		Argox X-	3200 PPLB	
СОМ2:	Serial Port				
СОМЗ:	Serial Port			1.00	~
<		<u>ущі</u>]	>
Add Port.		<u>D</u> elete Po	rt	<u>C</u> onfigure I	Port
Enable bidire					
	ОК	Cancel		Spely	Help

6.2 Set baud rate

The default baud rate for the printer and ArgoKee's COM Port is 9600, so the COM Port for the PC, printer and ArgoKee should be set to the value shown below. The illustration shows the three default settings and if one of the settings is changed, the other two settings must be changed as well for a proper connection. Details are beyond the scope of this manual. Argox Bartender 10.0 UL Form-making User Guide

	?
9600	~
8	*
None	~
1	~
None	~
В	estore Defaults
	None

- 6.3 Create label and select output printer
 - 6.3.1 After launching BarTender, select "File -> New". The "New Document Wizard" window appears on the screen.

III New Document Wizard	
Starting Point Select the starting point for the new document.	
You can start with a blank template, or base your new document on an existing one.	
Starting Point:	
💿 Blan <u>k</u> Template	
O Existing BarTender Document	
Select	
	< Back Next > Finish Cancel

6.3.2 Follow the wizard's instructions to select "Starting Point -> Printer Selection -> Stock Selection -> Items Per Page -> Side Edges -> Printed Item Shape -> Printed Item Size -> Template Background -> Finished!". After completing the installation, select Argox X-3200 PPLB for creating a 4 X 3 inch blank label as shown below.

🗑 Argox Special Edition BarTender UltraLite - [test.btw]		
<u>File Edit View Create Arrange Administer Tools W</u> indow <u>H</u> elp		
D 📽 🔲 🗎 🕼 🔍 🖄 🛍 🖄 🖤 🖕 🚺 I 🏢 + A + 🔪 宛 + 羅 + 🍃 🔍 Q 🕀 🐼 📅	¶⊈ #	f 🚽
i Argox Font 4 • 10 • B I U W A • 22 • - ■ Ξ Ξ Ξ I • 2 • 2 •	- 1	** 7
Components 4 × test.btw	4 ۵ >	< ····
	00 mm	+
🕀 🗀 Samples		10 10 11
		±4
		袋
		\$¢-
		南
		+[]+
		D↔D
		808
140		90°
		100*
		(Te 90°
		10 10
		1.0
		IF.
Components	~	
Template 1 / Data Entry Form		
🗃 Printer: Argox X-: 🔛 Page Size: 4 x 3 Item Width: 101.7mm Item Height: 76.2mm 🔍	123%	- -

6.4 Download Form-making label file

The methods for downloading to ArgoKee and the printer mentioned in <u>section 2</u> are described below:

- 6.4.1 Downloading to ArgoKee
 - 6.4.1.1 First, check that the transmission setting between the PC and ArgoKee compatible with each other, then connect both COM Port with the data cable. Next, press the "D" key on the ArgoKee to enable data receive mode. The LCD on ArgoKee will now show the message "LOADING FORM ... (HOST => K/BOARD)".
 - 6.4.1.2 Use the blank label file created in <u>section 6.3</u> or another file that has been prepared earlier, then select "File -> Print". A window will pop up as shown below. At the "Print -> Name" window, select the "Argox X-3200 PPLB" printer, and then click "Close".

rint [tes	t.btw]			
Print O	bject Print Method	Performance	Printer's Cache	
-Printer <u>N</u> ame:	Argox X-3200	DDI B		
Status:	Ready			ument Properties
Model: Port:	Argox X-3200 F COM1:	PLB		inter Properties
Locatior Comme				nt on <u>B</u> oth Sides In t to <u>Fi</u>le
Quantity	y Options			
<u>C</u> opies:		0		۲
2				
Test Prir	nt Print	Preview	Close	Cancel Help

6.4.1.3 Under "File -> Export Printer Code Template", run "Argox ArgoKee/Printer (SRAM)" or "Argox ArgoKee/Printer

(FLASH)". The **"Export Printer Code Template"** window will appear as shown below.

Export Printe	r Code Template 🛛 🔁
Prin <u>t</u> System: Output To Port (C	Argox ArgoKee/Printer (SRAM) More Options OM1:)
	File
File <u>N</u> ame	Browse
O Separate I	Format & Data Files
Eormat Fil	e: Browse
	Printer <u>C</u> ode Only
<u>D</u> ata File:	Browse
.t	Export Close Cancel Help

6.4.1.4 Select **"More Options"** and the following window appears on the screen. The system defaults for **"Template Fields"** are:

"Format ID/Name" : "Type" => "Set By Driver".

"Copies" and "Serial Numbers" : "Type" => "Set by Print Dialog".

Attention: To customize the Form name, at **"Format ID/Name** -> Type", select **"Constant"**, then enter the required name in **"Name/Value"**.

	mplate Options			
emplate Fields	Printer Object Print Method	Performance	Advanced	
— ∰ Fo ∰ Co ∰ Se ⊒ Templ	Dialog Data Sources o <mark>rmat ID/Name</mark> opies erial Numbers ate Object Data Sources None>	External Key Enable p Prompt Text Template Fin Iype: Name/Value	prompting on external <u>keyboard (KDU)</u> t: ield Set By Driver	
nter Code Te emplate Fields	mplate Options	[OK Cancel Help)
		Performance	Muvanceu	
Fo	Dialog Data Sources ormat ID/Name opies	External Key	yboard prompting on external keyboard (KDU)	
	Dialog Data Sources ormat ID/Name	External Key	yboard prompting on external keyboard (KDU) t: ield Set by Print Dialog	

After competed settings, click "OK". Finally, click "Export".

6.4.1.5 If the download is successful, ArgoKee's LCD will exit the "LOADING FORM ... (HOST ==> K/BOARD)" mode. Otherwise, it will remain in the same mode.

- 6.4.1.6 During the above downloading process, if the system default was used, then the Form name will be "EXPORT". To verify if the Form-making has been successfully loaded, press the "P" key on ArgoKee to enter print mode. ArgoKee's LCD will display "FORM SELECTION:". Press the "Up/Down" keys to look for the newly downloaded Form-making. If it exists, it means the downloading process was successful.
- 6.4.2 Download to printer
 - 6.4.2.1 First, make sure that the PC and the printer are both using the right transmission settings, then connect both COM Port with the data cable. Turn on the printer, then wait for the message "READY (300,PPLB)" to appear on the printer's LCD.
 - 6.4.2.2 Follow the steps in <u>section 6.4.1.2</u>.
 - 6.4.2.3 Under "File -> Export Printer Code Template", select "Argox ArgoKee/Printer (FLASH)" or "Argox READER (FLASH)".
 - 6.4.2.4 Follow the steps in <u>section 6.4.1.4</u>.
 - 6.4.2.5 The printer LCD will not show any messages if the download was successful. There are several another methods to verify the downloading status. Example: Sending a command to the printer, or plugging in a PS/2 keyboard then checking via the printer LCD.
 - 6.4.2.6 During the above downloading process, if the system defaults were used, then "Argox ArgoKee/Printer (FLASH)" will have the Form name "EXPORT". "Argox READER (FLASH)" will have the Form name "READER".
- 7 Using the Form-making label file
 - 7.1 Using ArgoKee to input data
 - 7.1.1 If **"Argox ArgoKee/Printer (FLASH)"** was used to download a Form-making to ArgoKee, if the defaults were used, then ArgoKee will contain a Form named "EXPORT".
 - 7.1.2 Connect ArgoKee to the printer using the COM Port cable. ArgoKee now becomes an input device.
 - 7.1.3 At ArgoKee's "S:SET -> EMULATION :", use the "Up/Down" keys to toggle the following settings: "PPLA/PPLB/BASIC". Switch to "PPLB", then press "Enter" to confirm. Now press "<ESC>" to exit and reboot ArgoKee.
 - 7.1.4 Once ArgoKee reboots, the LCD will display "PPLB MODE SELECTION: P:PRINT, D:DL, S:SET". Now, press "P" and the

ArgoKee LCD will display the name of a stored Form. Use the "Up/Down" keys to browse the forms and press the "Enter" key to run the selected Form. If data input is needed for Form, then ArgoKee will enter data input mode. The printer LCD will display the **"Prompt Text"**.

- 7.2 Using PS/2 keyboard to enter the data.
 - 7.2.1 If **"Argox ArgoKee/Printer (FLASH)"** was used to download a Form-making to the printer, if the defaults were used, then the printer will contain a Form named "EXPORT".
 - 7.2.2 First, connect the PS/2 keyboard to the printer, then start the X-3200 PPLB. Wait for few moments, then the printer LCD will show the message "READY (300,PPLB) <ESC> FOR KEYBD". Press the "<ESC>" key on the keyboard to enter the data.
 - 7.2.3 The printer LCD will now show the name of a Form stored on the printer. Use the "Up/Down" keys to browse all the Forms, then click on the "Enter" key to execute the selected Form. If the Form being executed requires a data input, the printer will enter data input mode and display the **"Prompt Text"** on the LCD. The **"Prompt Text"** can be modified in BarTender.
 - 7.2.4 To leave the data input mode, simply disconnect the PS/2 keyboard and turn off the printer.
- 7.3 Using a scanner to input data
 - 7.3.1 If **"Argox READER (FLASH)"** was used to download a Form-making to the printer, and if the defaults were used, then the printer will contain a Form named "READER".
 - 7.3.2 Start the X-3200 PPLB, then in the printer Menu, set the **"READER INSTALLED"** setting to **"YES"**, save, and then reboot.
 - 7.3.3 After printer reboots, it will find a Form named "READER" in Flash and run it. If the Form requires data input the printer will enter data input mode and display the "Prompt Text" on the LCD. The "Prompt Text" can be modified in BarTender.
 - 7.3.4 Now connect the scanner to the printer using a PS/2 cable to allow data input.
 - 7.3.5 To exit the data input mode, press and hold the "CANCEL/RESET" button on the printer before turning the printer on. Wait until the printer LCD shows the string "RESET" before releasing the "CANCEL/RESET" button. Only then will the printer exit the data input mode.

8 Data variables in Form-making

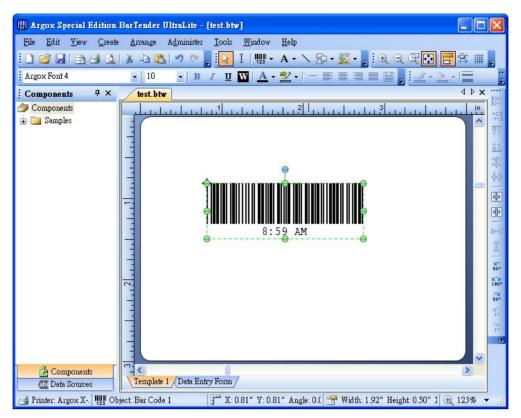
The next chapter uses the X-3200 PPLB printer as an example. The following simple examples will only require converted command data. There is one method for acquiring the output command data.

The method: Use the **"Printer Code Recording"** function offered by Seagull Driver. The path **"Start -> Printers and Faxes -> Argox X-3200 PPLB -> Properties -> Tools -> Logging Options -> Printer Code Recording"**. Check **"Record Printer Code"**, and then click **"OK"**. For more information, please refer to the <u>"Guide to Argox Printer Transmission Information.doc"</u>.

gging Opti	ons	?
_ogging Prir	nter Code Recording	
Printer Cod	le Recording	
Record	Printer Code	
<u>0</u> verwri	ite Files With Same Name	
Directory:	C:\Log Files\Argox X-3200 PF	PLB Browse
		View File
		Send to Printer
		D <u>e</u> lete File
		Delete All Files

To start before continuing on to the following example, follow the steps outlined in <u>section 6.4.1.2</u> to select the Argox X-3200 PPLB printer, create a 4 X 3 inch blank label, and then convert it using the **"Argox ArgoKee/Printer (FLASH)"** method.

- 8.1 TT/TD variable (Time/Date variable)
 - 8.1.1 Select "Create -> Bar Code", choose a barcode objects. In this case, select "Code 39 (Full ASCII)". Then click anywhere on the label to create a "Bar Code Object".



- 8.1.2 Right-click on the "Bar Code Object", then in the newly opened window, clicks "Properties". The window for modifying the content of the "Bar Code Object" will now appear.
 - 8.1.2.1 Symbology and Size

Check the **"Print Method -> Bar codes and human readable text controlled by the printer"** option. If this option is not available, then the "TT/TD" variable output is not available.

The barcode type can be changed in the "Symbology" menu.

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¥ 🐴	Symbology:	Code 39 - Full ASCII		~
 Bar Code 1 IIII Symbology and Size 123 Human Readable Pont Border Position Position 12345678 	Dimensions ∑ Dimension: Density: Symbology Sp Start Characte Stop Characte □ Check Digit Ccheck Digit Ty Color:	≥r: * >r: *	Ratio: Height:	Auto
				Close He
Print Method Options Bar Code Bar Codes and human controlled by the prin Bar codes and human controlled by BarTence Bar codes controlled by and text controlled by OK Cance	readable text ter. readable text der. by the printer y BarTender.			

8.1.2.2 Font

An Argox font must be selected. A wrong selection will result the "TT/TD" variable cannot be converted.

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۲ 🔁	Typeface:	Eont Style:	Point Size:
Bar Code 1	Argox Font 3	Regular	32
IIII Symbology and Size 123 Human Readable Pont Border Data Sources 12345678	Argox Font 3 Argox Font 3 Argox Font 3 Argox Font 4 Style Outline Width Advanced Style Outline Width Advanced Date Foreground G Background G This is a printer font. It will be used on your printer, your screen.	olor: None	 8 16 24 32 will be used on

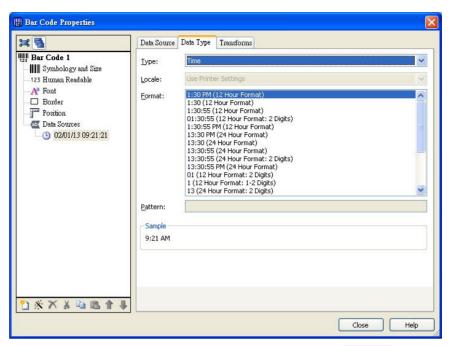
- 8.1.2.3 Data Sources
 - 8.1.2.3.1Data Source

Select **"Change Data Source Type"** within **"Type"** to launch the **"Change Data Source Type Wizard"** popup window. Choose **"Clock"** within **"Type"** and then click **"Finish"**. Check the option **"Use Printer's Clock"** on the next screen otherwise the "TT/TD" variables cannot be exported.

🔛 Change Data Source	: Type Wizard 🛛 🔀
Select New Type	
<u>I</u> ype: Descriptio The Clock	hew type for the data source: Clock Clock Con K source is used to read the date and/or time when ment is printed.
	< Back Next > Einish Cancel
Bar Code Properties	X
2	Data Source Data Type Transforms
Image: Symbology and Size 123 Human Readable A Font Border Position Image: Data Sources Image: Old 201/13 09:16:29	Name: <pre> Value Clock Value Printer's Clock Printer Glock Options </pre>
****	Close Help

8.1.2.3.2Data Type

If want to use the "TT" variable, please select **"Time"** from **"Type"** and then click **"Close"**.



If want to use the "TD" variable, please select **"Date"** from **"Type"** and then click **"Close"**.

🔛 Bar Code Properties		X
34 🐴	Data Source Data Type Transforms	
Bar Code 1 Image: Symbology and Size -123 Human Readable AF Font Border Image: Specific Symbol I	Iype: Date Locale: Use Printer Settings Eormat: 03/14/01 (Month/Vear) 03/14/01 (Month/Vear) 03/14/01 (Month/Vear) 03/14/01 (Month/Vear) 03/14/01 (Month/Vear) 10/03/14 (Month/Vear) 01/03/14 (Month/Vear) 10/03/14 (Vear/Month/Vear) 01/03/14 (Vear/Month/Vear) 01/03/14 (Vear/Month/Vear) 01/03/14 (Vear/Month/Vear)	
	04.03.2001 (Day.Month.Year) 01.03.14 (Year.Month.Day) 14-Mar-01 Mar, 01 (Month. Abbreviated, Year) 010300 (Year Month Day) 010300 (Year Month Day) 010300 (Year Month Day) 0201000 (Year Month Day) 020300 (Year Month Oa)	
<u>*</u>] ※ X & tà tà tà ↑ ↓		Help

- 8.1.2.4 Any other changes can also be set here. When done, click **"Close"**.
- 8.1.3 Run **"File -> Export Printer Code Template"** to launch the **"Export Printer Code Template"** popup window. Choose **"Argox ArgoKee/Printer (FLASH)"** from **"Print System"** as shown below.

Export Printer Code Template	
Print System: Argox ArgoKee/Printer (FLASH)	More Options
All in One File	
File <u>N</u> ame;	Browse
Eormat File:	Browse
Data File:	Browse
Export Close Cance	Help

- 8.1.4 Carry out the steps from <u>section 6.4.1.4</u>. As an example, we changed the Form name to "TIME", then click **"Export"**.
- 8.1.5 Data conversion
 - 8.1.5.1 TT variable

In accordance with **"Type -> Time"** setting in <u>section 8.1.2.3.2</u>, the converted data will be:

ZS FK"TIME" FS"TIME" I8,1,001 q1215 0 JF ZT Q900,37 ←KI81 Ν TTh/Zm+ B971,663,2,3,4,10,150,B,TT FE ZN 8.1.5.2 TD variable

In accordance with **"Type -> Date"** setting in <u>section 8.1.2.3.2</u>, the converted data will be: ZS FK"TIME"

```
FS"TIME"

I8,1,001

q1215

O

JF

ZT

Q900,37

-KI81

N

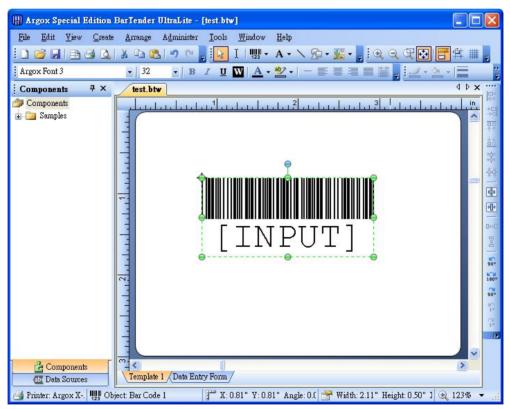
TDmn/Odd/Oy2

B971,663,2,3,4,10,150,B,TD

FE

ZN
```

- 8.2 V variable
 - 8.2.1 Run "Create -> Bar Code" and select any barcode object. For example, select "Code 39 (Full ASCII)" and click anywhere on the label to create a "Bar Code Object".



8.2.2 Right-click on the "Bar Code Object", then in the newly opened window, clicks "Properties". The window for modifying the content of the "Bar Code Object" will now appear.8.2.2.1 Symbology and Size

Check the **"Print Method -> Bar codes and human readable text controlled by the printer"** option. If this option is not available, then the "V/C" variable output is not available.

The barcode type can be changed in the "Symbology" menu.

8.2.2.2 Font

An Argox font must be selected. A wrong selection will result the "V/C" variable cannot be converted.

- 8.2.2.3 Data Sources
 - 8.2.2.3.1Data Source

Select "Change Data Source Type" within "Type" to launch the "Change Data Source Type Wizard" popup window. Choose "Printer Code Template Field" within "Type" and then click "Finish".

Then in the **"Field Name"**, enter the desired **"Prompt Text"** for ArgoKee or printer as shown below during data input. The **"Prompt Text"** is "INPUT".

🔛 Bar Code Properties			
Image: Symbology and Size	Data Source D <u>N</u> ame:	ata Type Transforms	
-123 Human Readable - A Font - Border - Position - Data Sources - (INPUT)	<u>I</u> ype: Eield Name: Sample Data:	1 Printer Code Template Field	 Ω
		1	M
1 ※ ★ # 18 1 ↓			Close Help

8.2.2.3.2Data Type

Select **"Text"** within **"Type"** and then click **"Close"**. The "V/C" variables cannot be exported if this option is not selected.

🔛 Bar Code Properties		
14 🐴	Data Source Data Type	e Transforms
Image: Symbology and Size 123 Human Readable AF Font Border Image: Specific and Street	Iype: Text	
<u>*</u> * × × ≈ ≈ + +		
		Close Help

8.2.2.3.3Transforms

This page currently supports **"Prefix and Suffix"** and **"Serialization"** only.

8.2.2.3.3.1 Default

Fields are left blank by default, and then the variable "V" is exported.

🔛 Bar Code Properties			
14 🐴	Data Source Data Type	Iransforms	
Bar Code 1	Suppression:	<none></none>	
123 Human Readable	⊆haracter Filter:	<none></none>	
	Data Entry Control:	<none></none>	
Position Data Sources	Number of Characters:	<none></none>	
T [INPUT]	S <u>e</u> rialization:	<none></none>	
	Prefix and Suffix:	<none></none>	
			Close Help

8.2.2.3.3.2 Prefix and Suffix

If this option is used, the variable "V" will be exported. Please enter a custom string if necessary. As shown below, "A" is set as the "Prefix" and "Z" is set as the "Suffix".

Prefix and Suffix			
Adjacent Text Prefix: A Suffix: Z	OK Can	cel Help	
III Bar Code Properties			X
Image: Second	Data Source Data Type Suppression:	Insustoms <none> <none> <none> <none> <none> Prefix: A, Suffix: Z</none></none></none></none></none>	
¹2 ※ ➤ ሖ ☜ ጫ 含	•	Close	Help

8.2.2.3.3.3 Serialization

In this page, the variable "C" can only be exported if this option is used by itself.

Check **"Serialization -> Serialize"** otherwise the "C" variable cannot be exported. Click **"OK"** when finished.

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Serializatio	n
<u>I</u> ype:	Auto Alpha or Numeric
Seguence:	Digits to Digits, Letters to Letters
Increme	ent <u>O</u> pecrement
<u>B</u> y:	1
Every:	1 💲 serial number(s) 🗸
<u>R</u>ollove	r Reset t <u>o</u> ;
Options	
Preserv	e data source length
	e <u>c</u> opies
Serialize	

- 8.2.2.4 Any other changes can also be set here. When done, click on **"Close"**.
- 8.2.3 Carry out the steps from <u>section 8.1.3-8.1.4</u>. As an example, we changed the Form name to "VARIABLE", then click on **"Export"**.
- 8.2.4 Data conversion
 - 8.2.4.1 Default

In accordance with setting in <u>section 8.2.2.3.3.1</u>, the converted data will be:

ZS FK"VARIABLE" FS"VARIABLE" I8,1,001 q1215 O JF ZT Q900,37 -KI81 N V00,20,N,"INPUT"

```
B971,663,2,3,4,10,150,B,V00
    FE
    ZN
8.2.4.2 Add Prefix and Suffix
    In accordance with setting in section 8.2.2.3.3.2, the converted data
    will be:
    ZS
    FK"VARIABLE"
    FS"VARIABLE"
    I8,1,001
    q1215
    0
    JF
    ZT
    Q900,37
    ←KI81
    Ν
    V00,20,N,"INPUT"
    B971,663,2,3,4,10,150,B,"A"V00"Z"
    FE
    ZN
8.2.4.3 Use Serialization
    In accordance with setting in section 8.2.2.3.3.3, the converted data
    will be:
    ZS
    FK"VARIABLE"
    FS"VARIABLE"
    I8,1,001
    q1215
    0
    JF
    ΖT
    Q900,37
    ←KI81
    Ν
    ZN
    C0,20,N,+1,"INPUT"
    B971,663,2,3,4,10,150,B,C0
```

FE ZN

- 8.3 Reference
 - 8.3.1 Carry out the steps from <u>section 8.2.1-8.2.2</u>. In this example, the **"Object Name"** of this "Bar Code Object" is "Bar Code 1".

III Bar Code Properties	
Image: Symbology and Size 123 Human Readable Ar Font Border Image: Position Image: Text I Ar Font Border Image: Text Format Border Image: Position Image: Sample Text	Object Name: Bar Code 1 Comments: Image: Code 1 minipage of the second s
	Close Help

8.3.2 Run "Create -> Text" and select any text object. For example, select "Single Line" and click anywhere on the label to create a "Text Object".

File <u>E</u> dit View Create Arrange Administer <u>T</u> ools Window <u>H</u> elp	
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Components Template 1 / Data Entry Form / Printer: Argox X-: Page Size: 4 x 3 Item Width: 4.00" Item Height: 3.00"	

- 8.3.3 Right-click on the "Text Object", then in the newly opened window, clicks on "Properties". The window for modifying the content of the "Text Object" will now appear.
 - 8.3.3.1 Font

An Argox font must be selected. A wrong selection will result the corresponding variable cannot be converted.

- 8.3.3.2 Data Sources
 - 8.3.3.2.1Data Source

Select **"Change Data Source Type"** within **"Type"** to launch the **"Change Data Source Type Wizard"** popup window. Choose **"Object Value"** within **"Type"** and then click **"Next"**.



Select the reference object from **"Object Name"** and pick the preconfigured **"Bar Code 1"**. Choose the correct **"Main Data Source"** for **"Value"** otherwise the corresponding variables will not be exported.

H Change Data Source Type	Wizard	X
Object Value Read a value from another to	mplate object	
Select a templa	te object and a value to rea	d from:
Object Name:	Bar Code 1	~
<u>V</u> alue:	Main Data Source	
	< <u>B</u> ack Next	Einish Cancel

- 8.3.3.3 Any other changes can also be set here. When done, click "Close".
- 8.3.4 Carry out the steps from <u>section 8.1.3-8.1.4</u>. As an example, we changed the Form name to "REFERENCE", then click **"Export"**.
- 8.3.5 Data conversion

ZS FK"REFERENCE" FS"REFERENCE" 18,1,001 q1215 0 JF ZT Q900,37 ←KI81 Ν V00,20,N,"INPUT" B971,663,2,3,4,10,150,B,V00 A971,291,2,3,4,4,N,V00 FE ZN