## How to print barcode label on normal printer



Sometimes it happens when you need print out bar-code labels but you cannot. It can happens due to various reasons, for example a printer was broken, problems with connection, etc. In this article I propose you a workaround. How to print barcode labels on normal printer. I have ZEBRA printers so and solution will be for them [] As you know, SAP generate spool with ZPL (Zebra Programming Language) code and it is not readable by normal people. Our task is to convert 'special characters' to normal text and barcods.

## So lets go step by step:

Step 1. Print or re-print output. In this case i use transaction VL74

🔮 VL74 🗸 🕊 🔚	<b>(3)</b> (3) (3)	8 H H 8 8 8 8 1	🔅 😯 🖵 💭
Output from handling units	7		
🕀 🔁			
Output			
Output Type	0.000	to	<u></u>
Transmission Medium	1	to	
Sort order	01		
Processing mode	2		
Handling unit			
Handling Unit		to	<u></u>
Packaging materials		to	<u></u>
Reference			
Inb. deliv.		to	<b></b>
Outb.delv.		to	
Shipment		to	
Production order GI		to	
Production order GR		to	<u></u>
Not assigned HU			
Repetitive Mfg			
Creation date of handling unit			
Creat.Date	01.03.201	7 D to	

...select a line and **Process** (Shift+F2)

Output from handling units

🕞 🛱 🛣 🛛			Ŧ							
HU	Ob	Object	key	Out.	Med	Role	Name 1	City	PkMtT	PackMatls
10 45	91	0084084	H 11	1010		11	Web Webber Lands	Are seend	3001	##000E0L
10 48	91.	0084084		10.00	1.1	44	The requestance	Research	1991	36000136
10 00				1.11	5.1		The second second	ALC: NO.		
21				10.00		11	tere excitation in the	And Provide	1000	********
			100	1014	÷	8 C.	CHI INCOME LANSA	Automatical States	1001	*******
10 30							Contraction of the local division of the loc	a second	1000	
10 33		000000		10.00	8.4		The methods bands	NOT BRODE	PPG .	10100111
10 02	1 m m 1				2.1		The second second	and a subject of		*******
10 55					2.1	10	the much stands	A DE CONTRACTO	1001	101000
10 32 10 64		0088343			10	÷.		A DESCRIPTION OF		ALC: NO.
10 64						÷.				
10 89					12 M	÷.	THE REPORT AND			10.000

as a result you've got the system message

✓ All selected output successfully processed

**Step 2.** Find a SAP **Spool number** which was generated (**SP01** transaction) earlier.

📀 SP01 👻 🕊 🔇	3 🔕 😫 🖶 H H	1111	🕫 😯 📑
Output controller: Spool requ	uest selection scre	een	
😥 👌 🗟 前 🖍 🛛 Further selection	criteria		
Spool requests Output requests			
Spool Request Number			
Created By			
Created On		to	
Client			
Authorization			
Output Device			
Title			
Recipient			
Department			
System Name			

Output Con	troll	er:	List o	f Sp	ool Reque	ests						
🚱 🖶 🚊 🚺	1 4	6	8 🜄	4	•			3	÷.		k Y	Σ <sup>Σ</sup> / <sub>Σ</sub> <i>ἰ</i>
	The set of				Data	m i m a	Other trave	D	mi + 1 -			
Spool no.	туре	CIT	User n	name	Date	Time	Status	Pages	TITLE			
2 2 7		100	poendare	10	an an ann	21.03	Compl.	1	SM	10.01		
1 Spc	ool re	eques	st disp	plyed	d 							
1 Spc	ool re	eques	sts con	nplet	ted							



**Step 3.** Download the Spool with Raw data (generated code in ZPL language) to PC.

<u>P</u> rint	<u> </u>	
For <u>w</u> ard	•	Send using SAPoffice
Find in req	uest 4	Export as Text
<u>S</u> ave Delete	Shift+F2	Export as PDF Te <u>x</u> t with Tabs $\blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \Sigma \Sigma \Sigma_{\Sigma} i$
E <u>x</u> it	Shift+F3	Save to local file Time Status Pages Title
2000		manager 1 21.17.20.7 March Statut 1 (manager and manager 1
1 \$	Spool reque	st displyed

you should receive a message with file name and folder

File CELERING 7.TXT stored in directory C:\User	rs\ <b>rus</b> l\Documents\SAP\SAP GUI
---	--

Step 4. Open the file and copy all text!!!

Step 5. Go to Online ZPL Viewer and generate your label

Online ZPL Viewer	
<ul> <li>^XA</li> <li>^FX Top section with company logo, name and address.</li> <li>^CF0,60</li> <li>^FO50,50^GB100,100,100^FS</li> <li>^FO75,75^FR^GB100,100,100^FS</li> <li>^FO88,88^GB50,50,50^FS</li> <li>^FO220,50^FDInternational Shipping, Inc.^FS</li> <li>^FO220,100^FD1000 Shipping Lane^FS</li> <li>^FO220,135^FDShelbyville TN 38102^FS</li> <li>^FO220,170^FDUnited States (USA)^FS</li> <li>^FO50,250^GB700,1,3^FS</li> </ul>	International Shipping, Inc.         1000 Shipping Lane         Shelbyville TN 38102         United States (USA)
<sup>A</sup> FX Second section with recipient address and permit information. <sup>A</sup> CFA,30 <sup>A</sup> FO50,300 <sup>A</sup> FDJohn Doe <sup>A</sup> FS <sup>A</sup> FO50,340 <sup>A</sup> FD100 Main Street <sup>A</sup> FS <sup>A</sup> FO50,380 <sup>A</sup> FDSpringfield TN 39021 <sup>A</sup> FS <sup>A</sup> FO50,420 <sup>A</sup> FDUnited States (USA) <sup>A</sup> FS <b>C</b> Redraw <b>C</b> Rotate	1234567890
Print Density:       8 dpmm (203 dpi) $\checkmark$ Label Size:       4       x       6       Inches $\checkmark$ Show Label:       0       (0 = first label, 1 = second label, etc.)	Shipping Ctr. X34B-1 REF1 F00B47 REF2 BL4H8 CA

That's it, you can save the label and print on a normal printer.

The Labelary has an API and you can automate the process as I did  $\square$ 

I created the batch file "**generate\_label.cmd**" in the folder with the downloaded spool files:

```
@ECHO OFF
SET index=1
SET output file=label.pdf
SETLOCAL ENABLEDELAYEDEXPANSION
FOR %%f IN (*.txt) DO (
  SET file!index!=%%f
  ECHO !index! - %%f
  SET /A index=!index!+1
)
SETLOCAL DISABLEDELAYEDEXPANSION
SET /P selection="Select file by number:"
SET file%selection% &qt;nul 2&qt;&1
IF ERRORLEVEL 1 (
   ECHO "--> Invalid number selected. Press any key to
Exit! <--"
   PAUSE
   EXIT /B 1
)
CALL :RESOLVE %%file%selection%%%
WHERE /q curl
IF ERRORLEVEL 1 (
                    curl\curl.exe
                                        --request
                                                        POST
http://api.labelary.com/v1/printers/12dpmm/labels/4x6/0/
                                                           - -
form file=@%input file% --header "Accept: application/pdf"
&qt; %output file%
) ELSE (
                           curl
                                       --request
                                                        POST
http://api.labelary.com/v1/printers/12dpmm/labels/4x6/0/
                                                           - -
form file=@%input file% --header "Accept: application/pdf"
&qt; %output file%
)
```

GOTO :EOF

:RESOLVE SET input\_file=%1 GOTO :EOF

## EXIT

