

#### Document: #HT000156

Document Title: Set Up LabelView with a Database

Product(s): LabelView

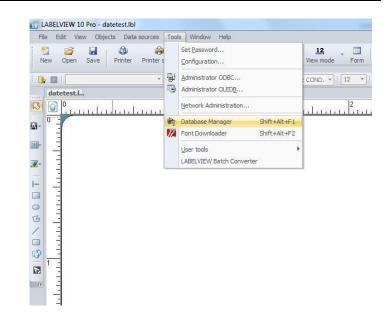
#### Procedure:

#### *Connecting to Database*

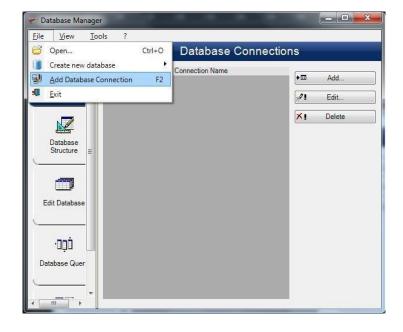
Labels can be connected to databases, and the databases can be used to auto fill fields on a label. This guide will only show the basic setup and connection to a database, custom setups will be left to site IT personnel to determine. To use databases, you must first set up a source.

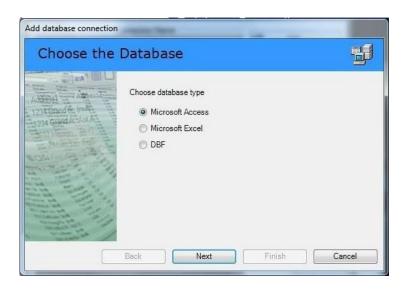
#### Database Source

On the **MENU BAR**, click **TOOLS**, and **DATABASE MANAGER**.



### Click FILE and select ADD DATABASE CONNECTION.





Choose database type.

This example will show the **Microsoft Access** option. Click **NEXT.** 

Select, or enter, or click **BROWSE** to browse to a database.



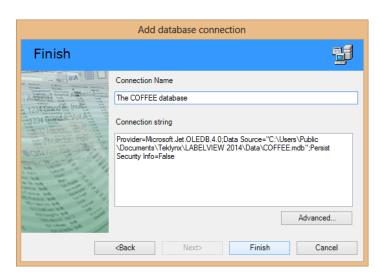
Options	<b>F</b>
Addinational Advances	Select or enter the database file  C:\Users\Public\Documents\Teklynx\LABELVIEW 201 Browse protected with password Password:
	KBack Next> Finish Cancel

Add database connection

We will be using the **COFFEE** example database that comes with LabelView.

Create a name in **CONNECTION NAME**. This can be anything you want. For this example, we used the **COFFEE** database.

**CONNECTION STRING** will show the string the Database Manager uses to connect to the chosen database.



Click FINISH.

The database is added to the bottom of the list.

Exit out of the Database Manager.



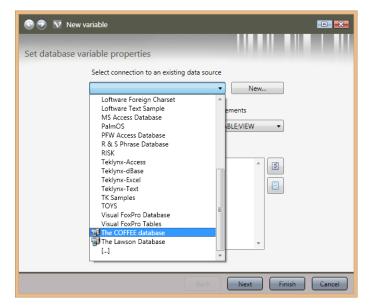
#### Add Data to the Label/Create Query

Click DATA SOURCE on the MENU BAR, select DATABASE, then WIZARD.

Set database ya	ariable riable properties	
Set Gatabase va	Select connection to an existing data so	vurce
	Select the table	Elements TABLE/VIEW •
	Select fields	
	Include name of tables	• • • • • • • • • • • • • • • • • • •

### Click SELECT CONNECTION TO AN EXISTING DATA SOURCE.

In this example, the name of the source is The **COFFEE** Database.



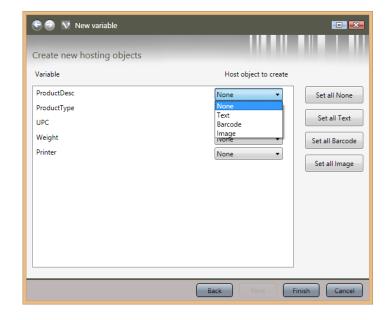
LabelView will show a table, and its fields. If you need a different table from the same database, click on **SELECT THE TABLE**.

Otherwise, check for the fields you need.

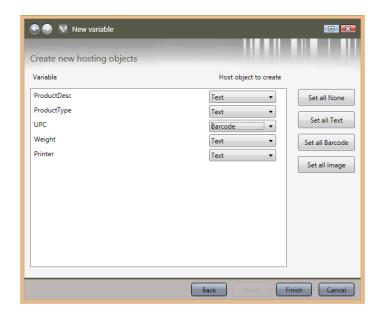
Click NEXT.

🕒 🍠 🚺 New va	ariable	•••
Set database va	riable properties	
	Select connection to an existing data sour	rce
	The COFFEE database	▼ New
	Select the table	Elements
	COFFEE	TABLE;VIEW •
	Select fields	
	ProductDesc     ProductType	* <b>S</b>
	✓ UPC ✓ Weight	
	Printer	
		*
	Include name of tables	
	Back	Next Finish Cancel

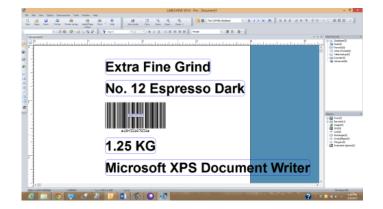
Choose what kind of fields they need to be. They can be set individually or all at once.



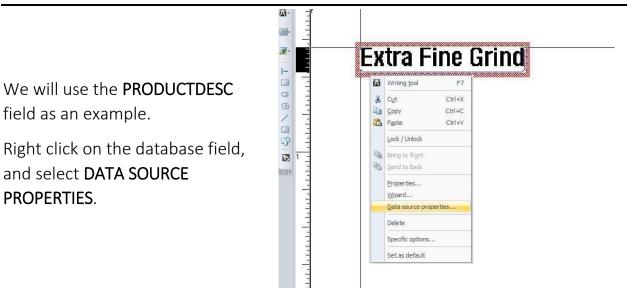
Once set up, click **FINISH**.



The fields will automatically show up on your label. Move them around as necessary.



#### Editing the Database Fields



In the **PRODUCTDESC** window, select the **OUTPUT** tab. In PREFIX, type in appropriate text. Note: Make a space after last character, as shown in this screen.

Click OK.

1aximum length	/hen printed Outpu	it 123 Counter
Prefix	Suffix	
Product description:		
Output Mask		
Display decimals	$\searrow$	
Number of	decimals	
Decimal sep	parator	
Decinial set		
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		(X=)
Thousand s	separator [	(X=)
Thousand s	separator [	
Thousand s	separator [	(X=)

This screen shows what the label can look like with the prefix. Repeat this procedure for each field needed.





Once the label is set up, the database can be cycled through by clicking the arrow buttons on the **MERGE DATABASE BROWSER**.



#### Query Result: Browsing the Database

The **QUERY RESULT** button will open a query window for the active database.

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	Query result									
	View the query result							4	$\triangleright$	

### Note: This Query Result window will only print one record at a time. To print multiple records or a range of records, use the Print button

The QUERY RESULT can be searched, browsed, and printed. It is useful when there are multiple records containing the same information in a set field, for example if No. 12 Espresso Dark had several different grind grades.

94 (F	ProductTyp	e 🔻 48	• (*	a 🙇 🙇 🗛	🀴   Pa 🔛 📇 🛎	
	Quantity	ProductDesc	ProductType	7	UPC	Weight
1	178 NR	Extra Fine Grind	No. 12 Espres	ark	18432167231	1.25 KG
2		Espresso Roast Pods	24-pc.		94351831268	.25 oz / pc.
3	6	House Blend	Whole Bean		61052314032	1LB
4		Breakfast Blend	Ground		17531286120	1LB
5		Ready Brew	48 Servings		73618231831	.25 oz / each

In the drop-down box, click on the field to be searched, then type in search criteria. If the "**\*a**" button is not depressed, click on it. The **Binocular Arrow** buttons can be used to browse multiple results. When the correct record has been highlighted,

type in the print quantity in the field next to the print button, and then click the print button.

Note: The label on the screen will not be updated, even when printing. The print will still show the results on the bags themselves.

#### The Print Window

The Print windows will also bring up a Query result table. This can be used the exact same way as the Query Result from the main screen show in the previous example.

It can also be used to set up a range of records or select multiple records to print.

	Print - [kaffe	lbl]			>
	General Form Dat	abase			
Extra Fine Grind	Database : Records :	The COFFEE data	oase	¥ 1-5	
No. 12 Espresso Dark	🗲 🏽 🎬 ProductDe	sc	✓ Brea	v *a 🏩	<u> </u>
		ProductType	UPC	Weight	Printer
*1542167231*	1 Extra Fin 2 Espresso	No. 12 Espresso D	94351831268	1.25 KG	Microsoft XPS Doc Microsoft XPS Doc
1.25 KG		Whole Bean	61052314032	.25 oz / pc. 1 LB	Microsoft XPS Doc Microsoft XPS Doc
1.25 KG	4 Breakfas		17531286120 73618231831	1LB .25 oz / each	Microsoft XPS Doc Microsoft XPS Doc
Print preview					
Printer : Zebra 110Xi4 (203dpi),->US8007 Quantity : 1 Database : The COFFEE database,All records					
	<				>
Help Performance				Pri	nt Close

It is possible to print all the records in the database. Click **Print** when ready.

Note: If your database is large, you may want to avoid this option, because LabelView will create a label for every single record in your database and send to the printer.

This screen shows how to print the current record. You can scroll up and down, or search the database for records. LabelView will print the current highlighted record.

Click **Print** when ready.

Breakfast Blend Ground IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	General         Form         Database           Database         The COFFEE database           Records :         Current records         4           Image: State Stat	0000
Print preview Printer: Zebra 11004 (2036p)>USB007 Quantity: 1 Database: The COFFEE database,Current records tyleb Performance	Finit Coo	e

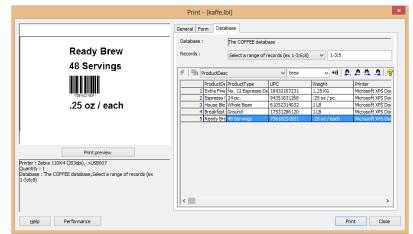
This screen shows how to print multiple records. LabelView will create a label from each listed record, and send to the printer.

To select a range, click the first record, hold down **SHIFT** while clicking the last record. This example shows the range 1-3.

	Print - [kaffe.	lbl]			
Extra Fine Grind	General Form Dat Database : Records :	The COFFEE datab Select a range of r	iase records (ex 1-3;6;8)	v 1-3	
No. 12 Espresso Dark	1 Extra Fin 2 Espresso 3 House Be 4 Breakfast	ProductType     No. 12 Espresso Da     24-pc.     Whole Bean	v brea UPC 18432167231 94351831268 61052314032 17531286120 73618231831	v <b>*8 Å</b> Weight 1.25 KG 25 oz / pc. 1LB 1LB 1LB .25 oz / each	Printer Microsoft XPS Dot Microsoft XPS Dot Microsoft XPS Dot Microsoft XPS Dot
Print preview Printer : Zebra 110V4 (203dp),->USB007 Quantity : 1 Database : The COFFEE database,Select a range of records (ex 1-3(6)8)	¢				>
Help Performance				Prin	nt Close

To select multiple records, double-click each record needed. This can be done separately from the range selection, or be added to the range selection, as shown.

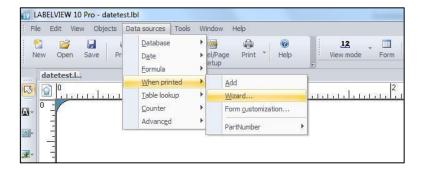
Click **Print** when ready.



#### Table Lookup

**TABLE LOOKUP** is used as a per-bag lookup function on external files, such as Excel spreadsheets, CSV tables, and databases. Where database fields can be used to automatically print queries, i.e. a longer series of prints, table lookout is used for single prints, or mass prints of the same information. It is typically used on a print form.

When Printed field is needed first. On the MENU BAR, click DATA SOURCES → WHEN PRINTED → WIZARD.



Fill in NAME, and VALUE.

VALUE should be something in the field the database uses as a look up. This step isn't necessary, but it will fill up the fields on the label from the start. Otherwise they will be empty until the first entry is made.

Click WHEN PRINTED tab.

	у Input 🏻	When printe	ed 📃 Output	123 Counter	⊳
ame Value		Desc			
	Extra Fine	: Grind			
	Local		T		
	ete spaces				

Fill in as necessary, Click OU	TPUT
tab.	

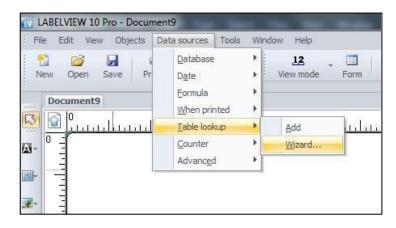
Prompt		).	
Product Description:		- 1	
Minimum length			
U T			
Input mask			
📝 Display in form			
Pick list			
<none></none>		•	
Force data to come from	n the list		

Maximum length	100		
Prefix	Suffix		
Product:			
Output Mask			
O Display decimals			
Number of	decimals		
Decimal sep	parator		
Thousand s	eparator		
Pad with	up to X characters	(X=)	1
Accumulate value			
T The second title to be T better to			

Fill in as necessary, click OK.

A data connection is needed for this. This example will use the one set up in the <u>Database</u> <u>Source</u> section of this document.

Click DATA SOURCES  $\rightarrow$  TABLE LOOKUP  $\rightarrow$  WIZARD.



II I		
Set table lo	ookup properties	
	Select connection to an existing data so	urce
		New
	АВО	New
	CHEMICAL	
	COFFEE	
	Excel Files	•
	FITTINGS	
	FORMULAS	
	MS Access Database	•
	RISK Visual FoxPro Database	
	Visual FoxPro Tables	
	1	
	conn1	- I I I I I I I I I I I I I I I I I I I
	[]	
	Include table name	

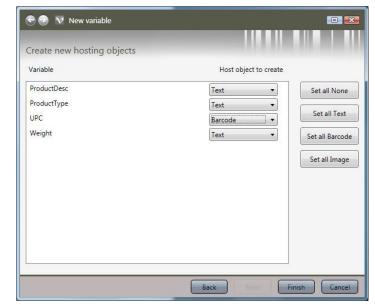
SELECT THE TABLE will default to the default table, VALUE will default to the WHEN PRINTED field made in the first examples in this section. Choose the KEY FIELD where VALUE will look up data.

🕒 🕘 👽 New v	variable	
Set table looku	p properties	
	Select connection to an existi	ng data source • New
	Select the table	•
	Key fields	Value
	ProductDesc ProductType UPC Weight Printer ☑ UPC ☑ Weight ☐ Printer	
_	Include table name	Next Finish Cancel

Check for each field needed on the label. Click **NEXT**.

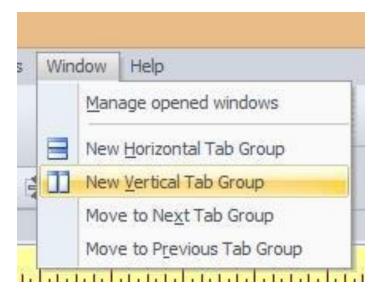
	v variable	
Set table look	up properties	CALVERS OF MENT
	Select connection to an existing data source	
	<b>∰</b> 1 ▼ (	New
	Select the table	
	COFFEE	•
	Key fields Value	
	ProductDesc	•
	Select database fields	
	ProductDesc ProductType UPC Weight Printer Pr	
	Include table name	

Set the variables to the appropriate setting. Click **FINISH**.



#### Print Form View in LabelView

On the VIEW BAR, click FORM. On the MENU BAR click WINDOW → NEW VERTICAL GROUP.



The **PRODUCT DESCRIPTION** field on the form in this example can be either typed or scanned, and LabelView will fill in the other fields.

