Setting up a BizOps Bartender Label

This document describes making a new Barcode format or printer available to BizOps. This document describes adding the label format code name and the Label format name to BizOps and it described the setup of the Bartender Commander used to print the label on a specific printer. Please complete the initial setup described in BizOps integration with Bartender Commander Automation.

Setting up a BizOps Bartender Label
- Sequence of setup steps.
  - Create a Bartender Label Design
    - Add the Label Code and Label Description to the BizOps system
  - Setup a Bartender Commander script to print a label
  - Connect Label Design to the database
  - Assign a CSV field.
  - Assign a CSV field to a a label field.
  - Test and verify the print function

Sequence of setup steps.

1. Create a Bartender label Design with the lay out that is needed using screen data.
2. Add the Label Code and Label Description to the BizOps system
3. Setup a Bartender Commander script to print the label, one for each printer you want the label to be printed on.
4. Connect Label Design to the database. Modify and test a label using Bartender designer connecting the design to the CSV “database”.
5. Test and verify the print function

Create a Bartender Label Design

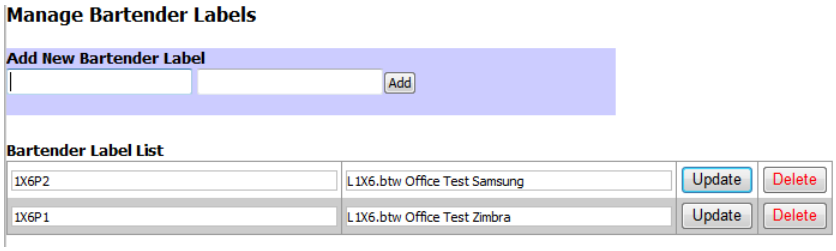
Create a new label in Bartender Designer, for all the fields in the label use screen data and type some sample data in each of the screen data fields. The label should look like the label you need but it will not have the database connection at then end of this phase of lable design. Save the label design in the C:\Aegis\BartenderLabelTemplateFiles directory, the file name will be used in the next steps. In this example the file name is L1X6.btw.

The use of this directory is to simplify the instructions and implementation, you may use a different directory.

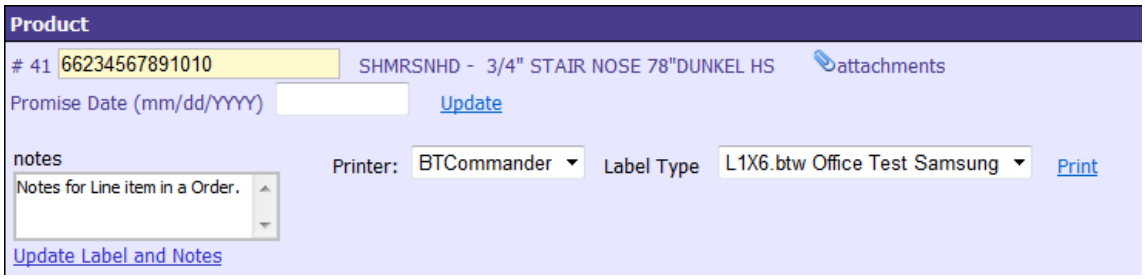
Add the Label Code and Label Description to the BizOps system

To speed the process of printing a label, BizOps configures the Labels and printers. Use Admin System, Manage Printers. Add the Label Code in the first field and a description of the label and Printer in the second field.

This example uses the 1X6P2 as the printer.



Using the BizOps Page that prints the Labels you are designing/implementing make a print request. For example.

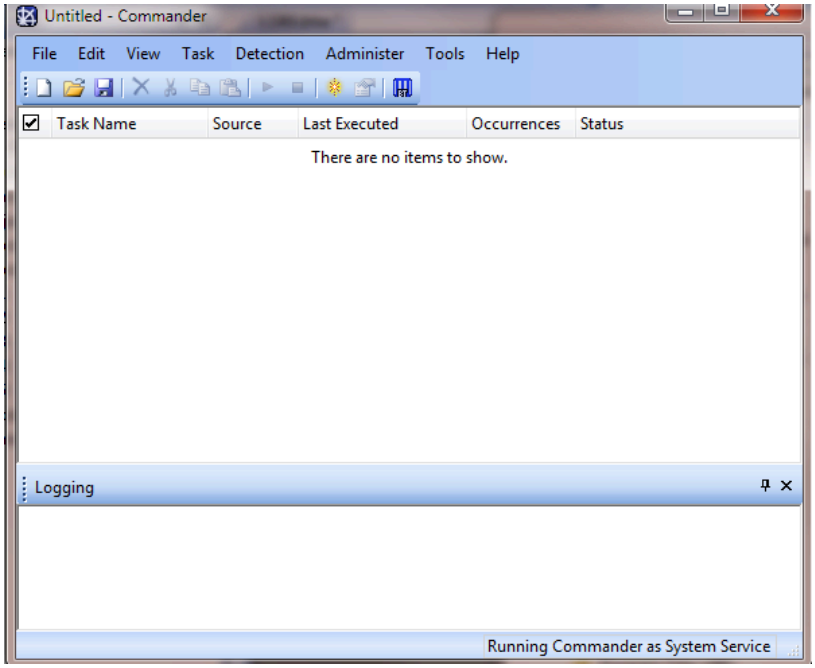


Click Print

Assuming the BizOps Print Server is installed and running in background this print request will be processed by Commander in the next step and it will be available as a template for mapping the database fields to the custom label. The request will not actually print until the remainder of the setup steps for the label are complete.

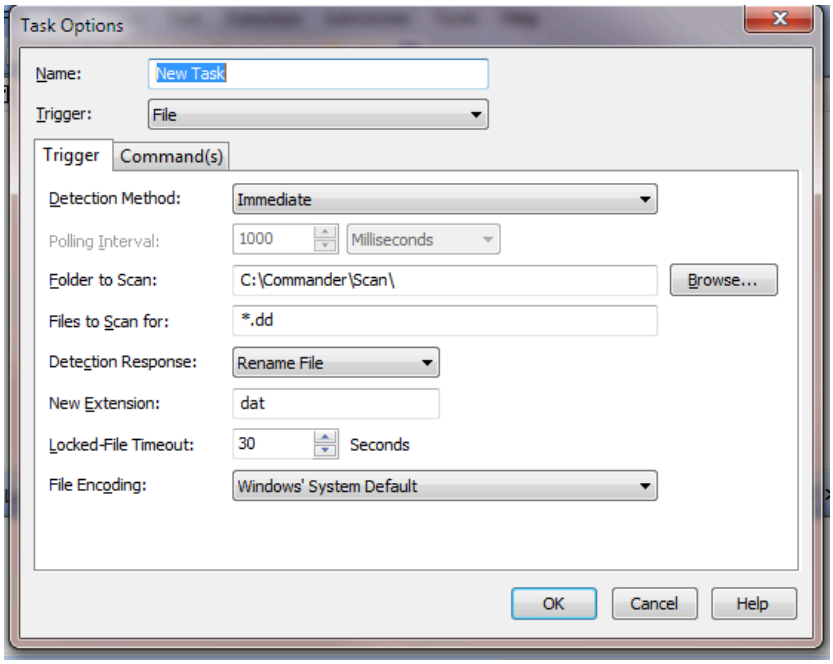
Setup a Bartender Commander script to print a label

Start the Bartender Commander.



I have used the Commander installation and documentation to have the commander run as a System Service.

Click Task and choose add or CTL T

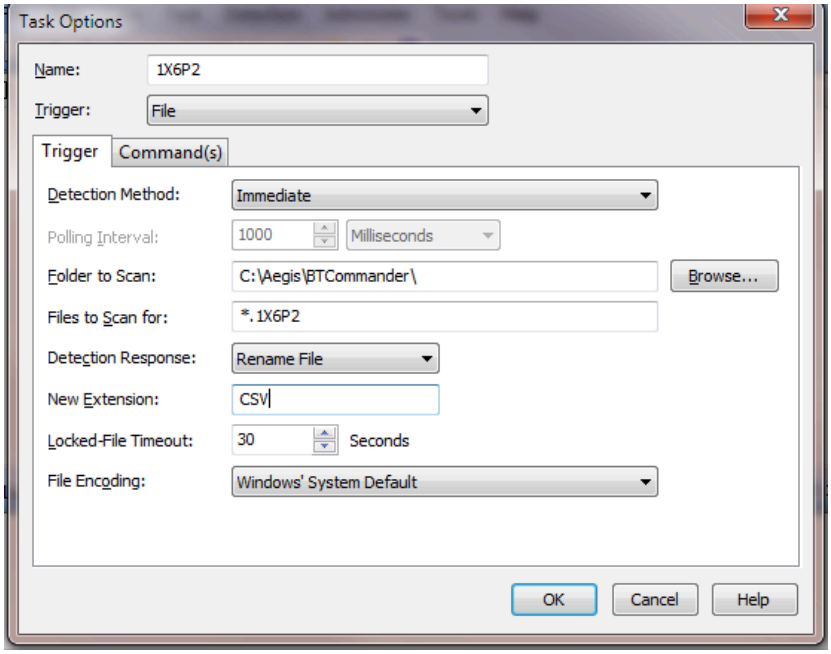


Change the task name to be the BizOps LabelCode, in this example it is 1X6P2.

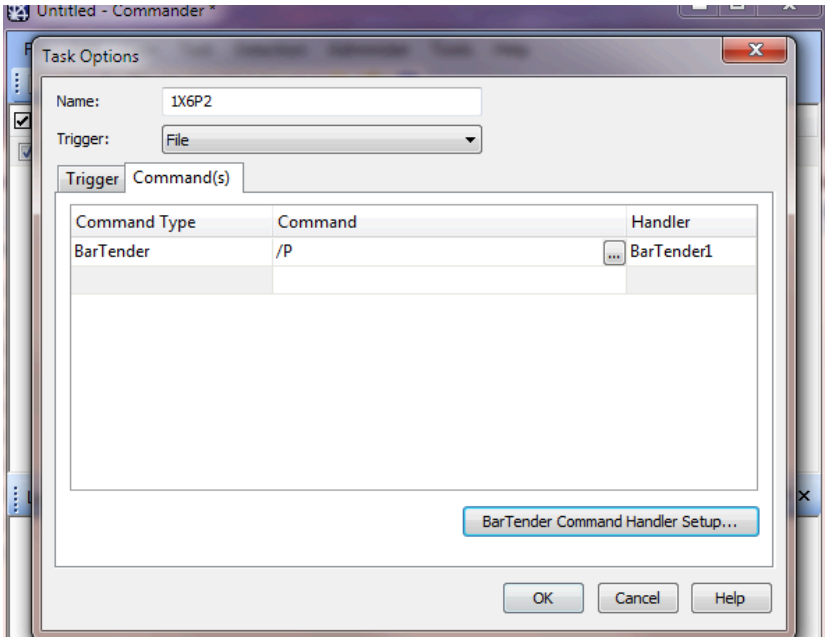
Change the Folder to Scan to the location set in the BizOps Print Server in this example it is “C:\Aegis\BTCommander”

Change the files to scan for to *.LABELCODE, for example *.1X6P2

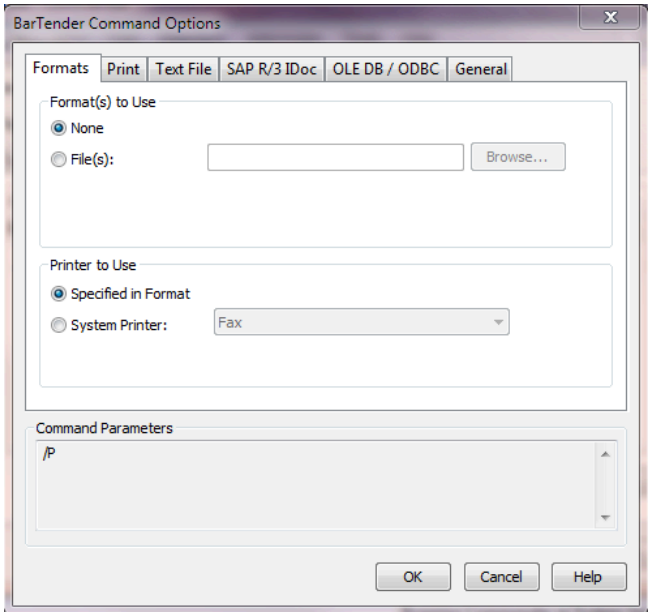
Set the New Extension to .CSV



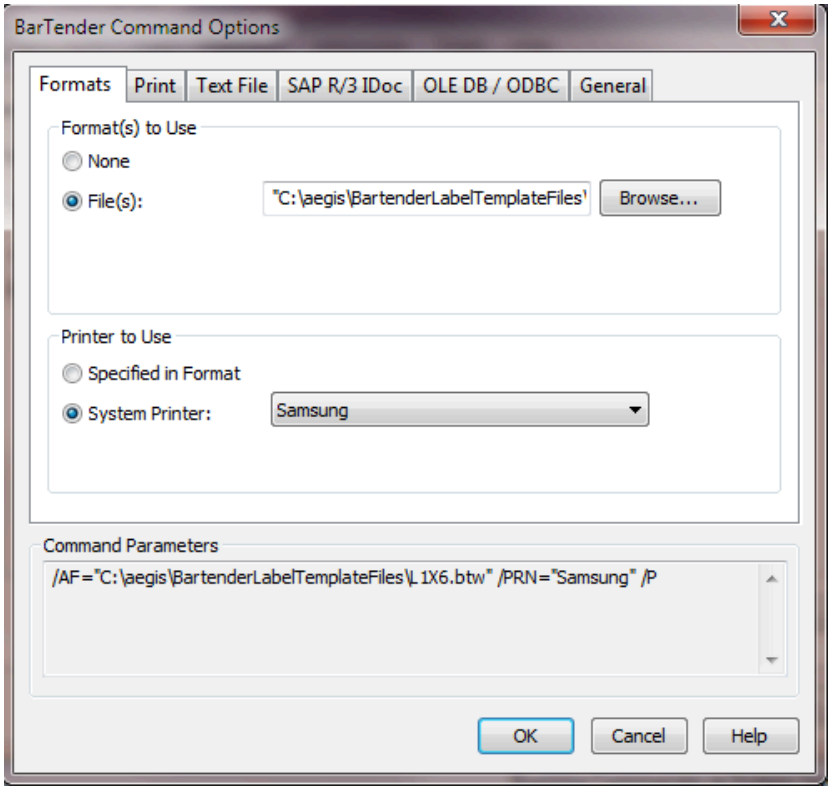
Click the Commands tab



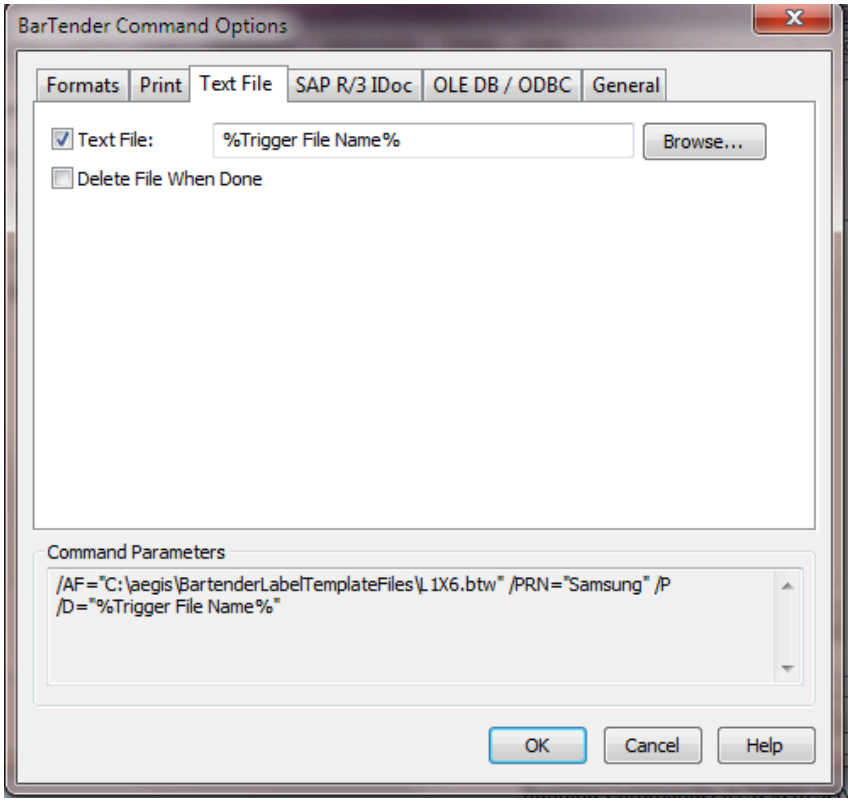
Click the … in the Command column.



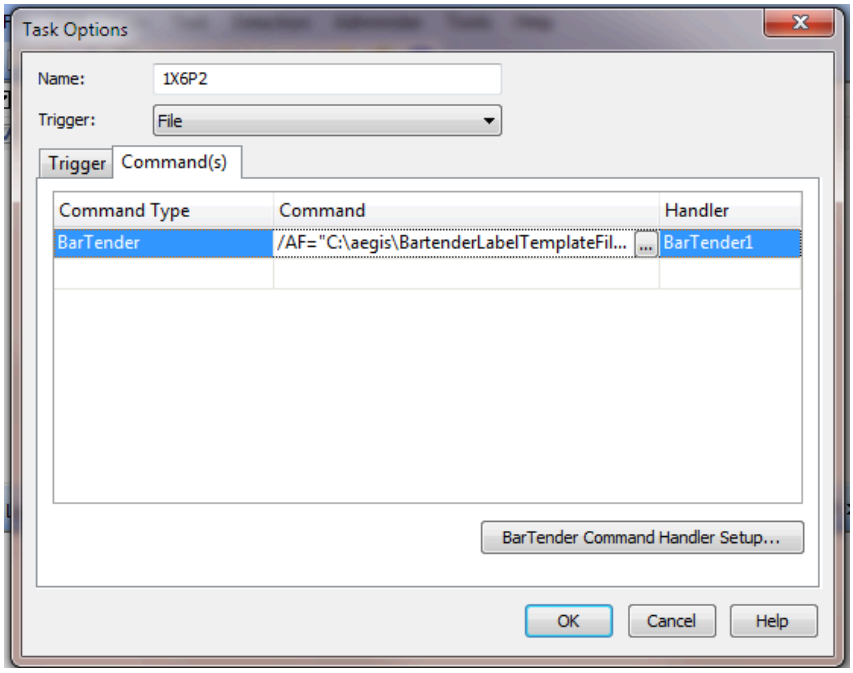
Click File and type the name and location of the Bartender label design.
Click System Printer and identify the print you want to direct the labels to. Note to send a bartender label to two different printer you will need to BizOps LABELCODE (1X6P2 in this example}. Each label code in BizOps is a combination of a label format and a printer. Also note you should only use bar code printers with Commander and the bar Code designer because the test laser printer will count as a licensed printer!



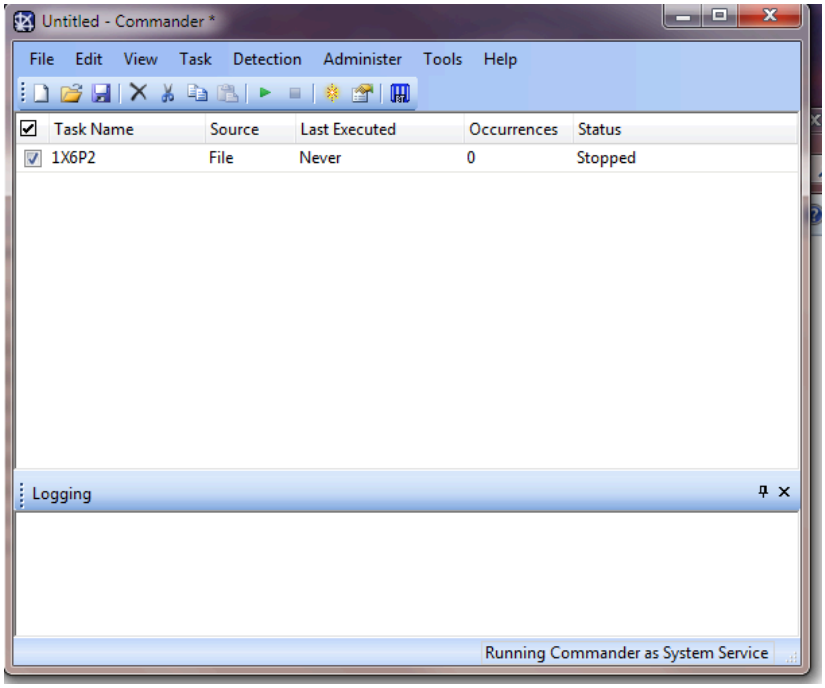
Click the “Text File” Tab.



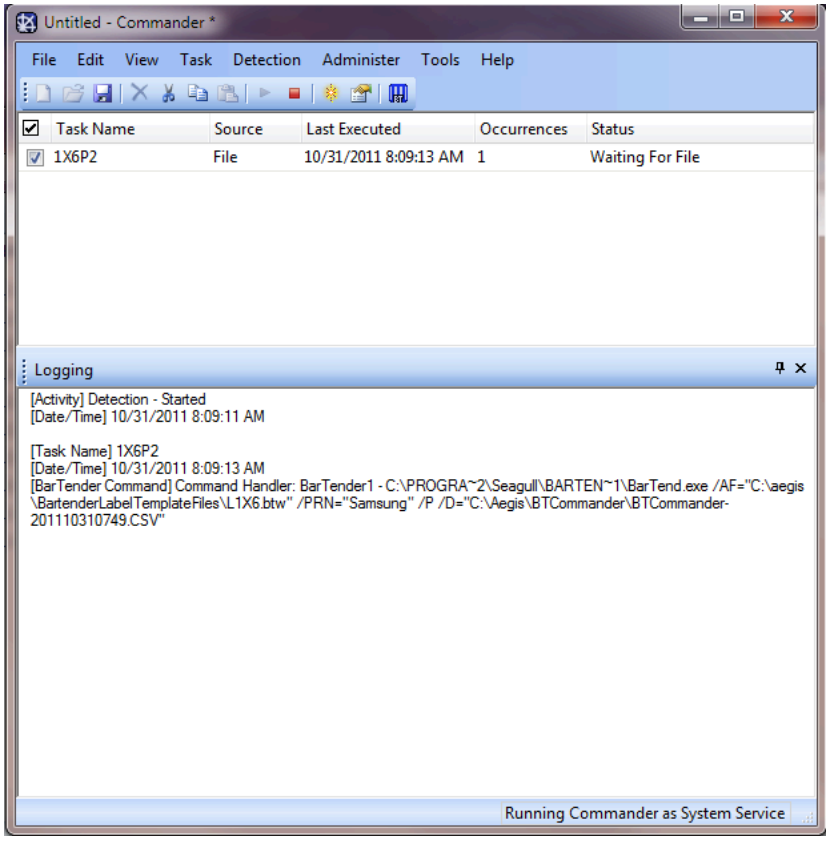
Check the Text File: check mark and retain the %Trigger File Name% string. Click OK.



Click OK.



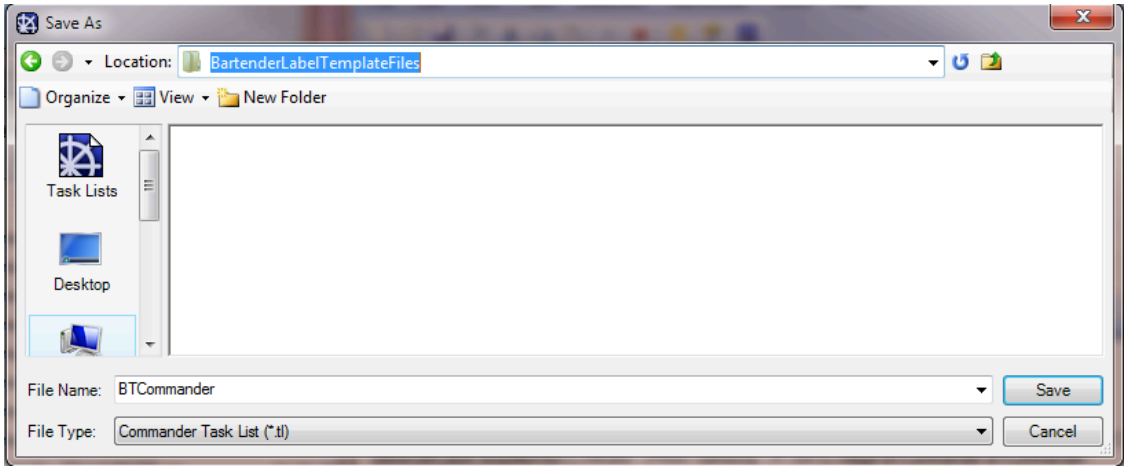
Click the Green arrow button or use Detection, Start Detection.



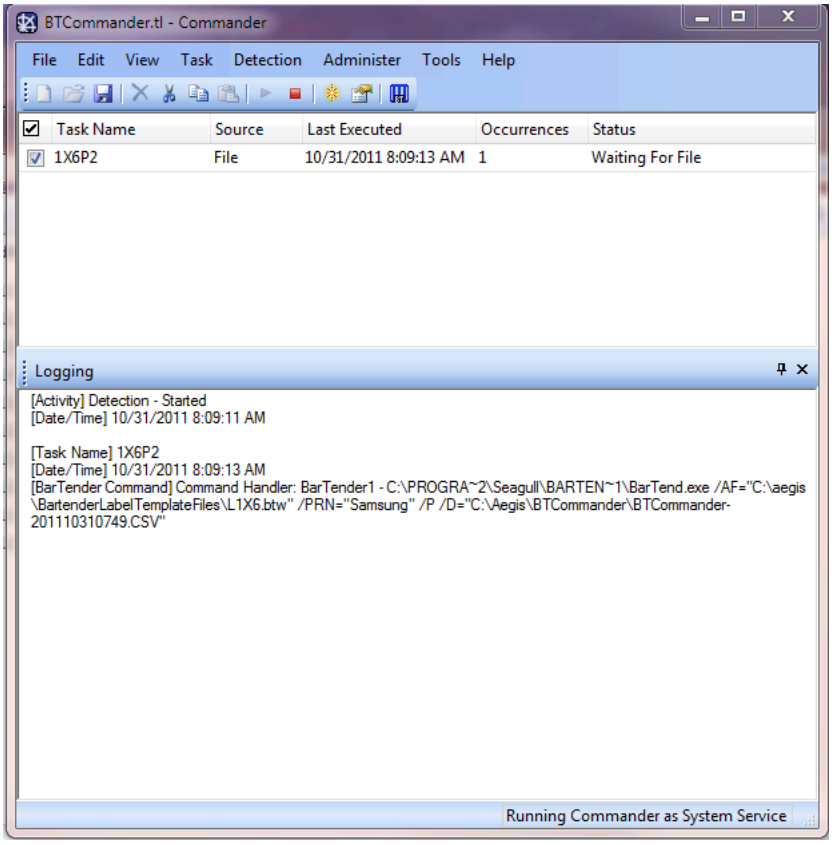
This screen shows a new print request being processed.

The first Label setup is complete on Commander, each label and printer combination will require this setup. Next save the configuration (which includes the task just setup) and remember to

save any new label/Printer tasks when you add them.
Click File Save/Save As or CTL S



In this exampkle I saved the file in “C:\Aegis\BartenderLableTemplateFiles\BTCommander”. The file name (last part) you use will be used as the label of the Commander task (Top left Corner).

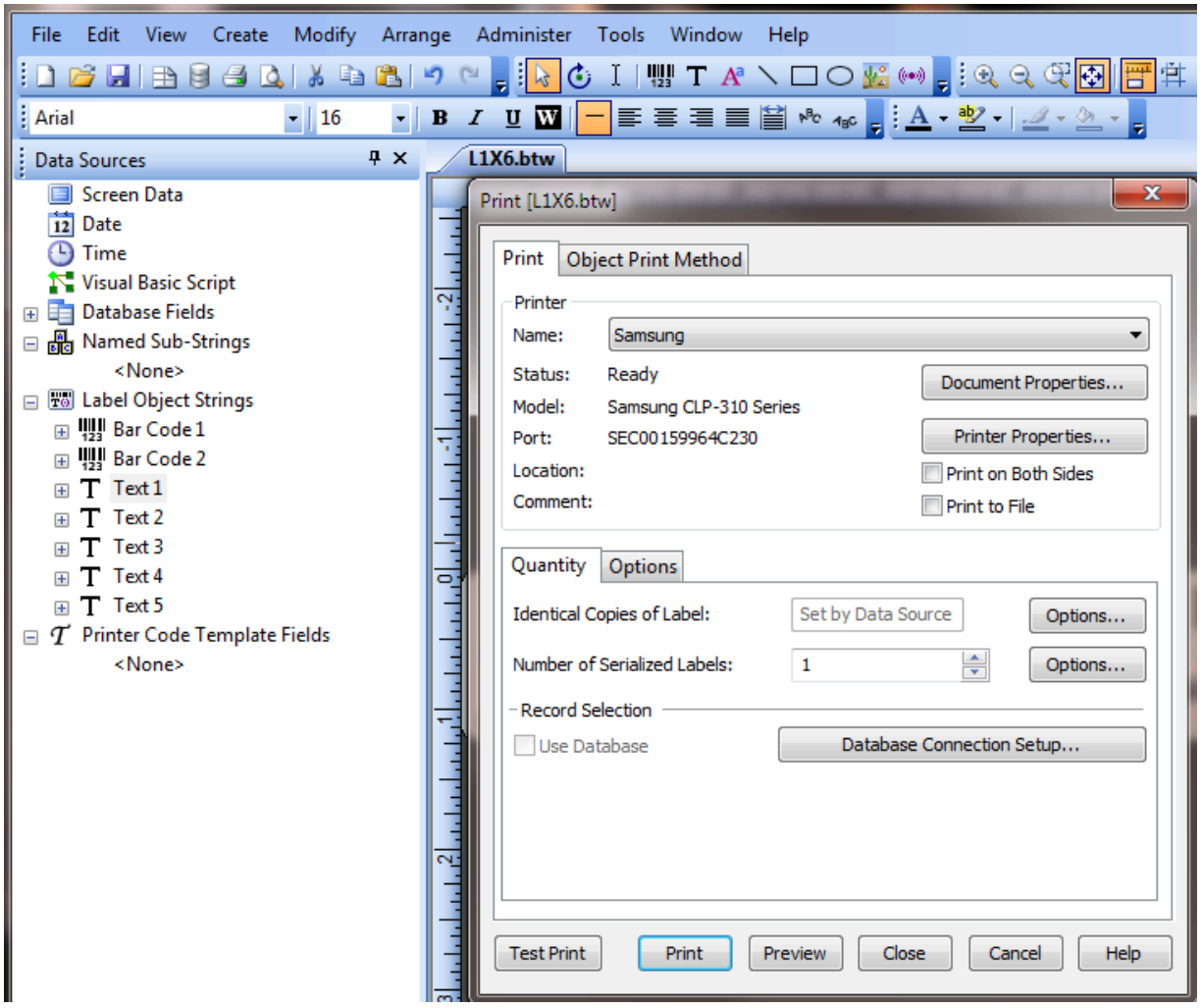


Connect Label Design to the database

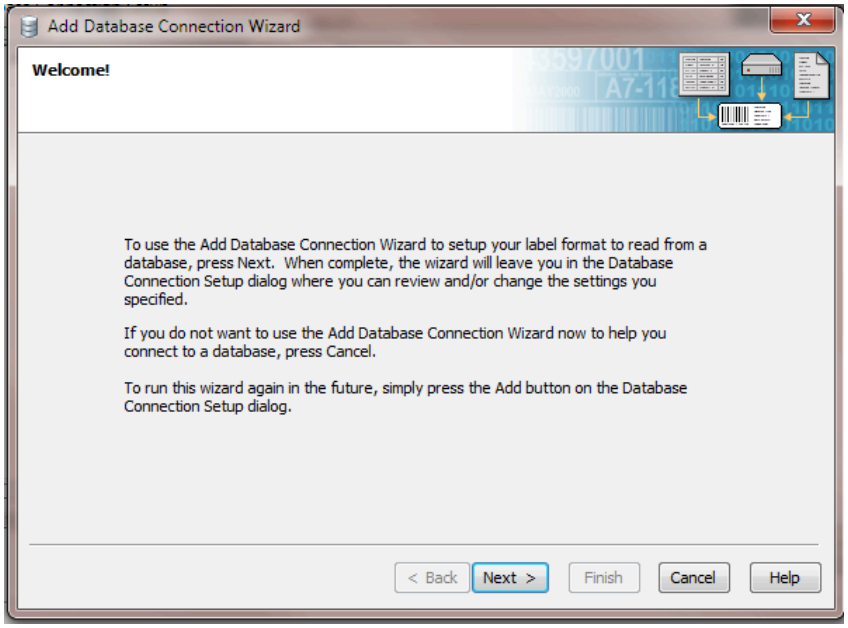
In this step you are using the CSV created by BizOps and connecting it to the Bartender label. This is done by creating a database connection where the database is text of a CSV type.

The first field is the quantity of identical labels. This field will be set at the print request time in BizOps my entering a number in the print request of allowing the default number of copies to come from the order's line item quantity of a UPC label or at one for labeling inventory IDs. All of the additional label fields are implemented using the identical approach.

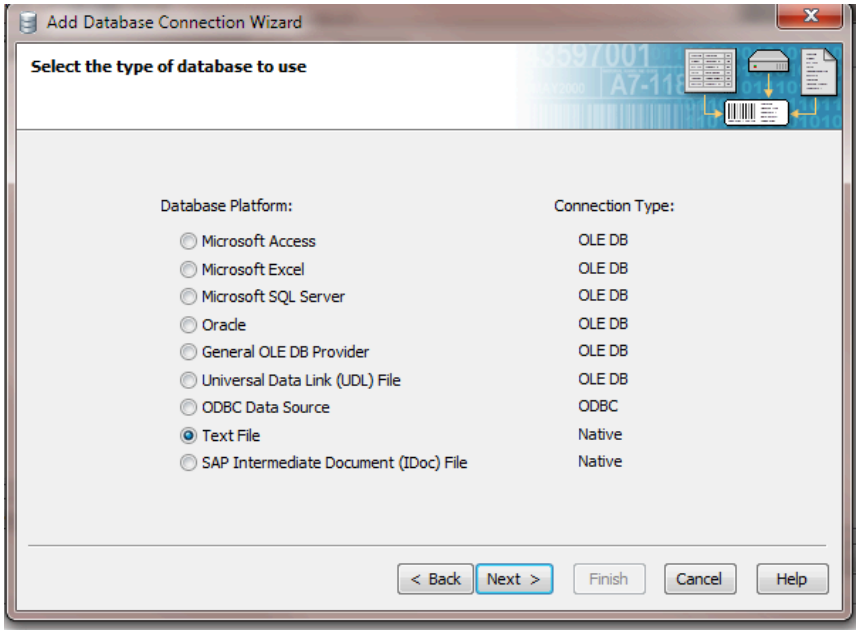
Reopen the label design with Bartender Designer.
Select File, Print or CNTL+P.



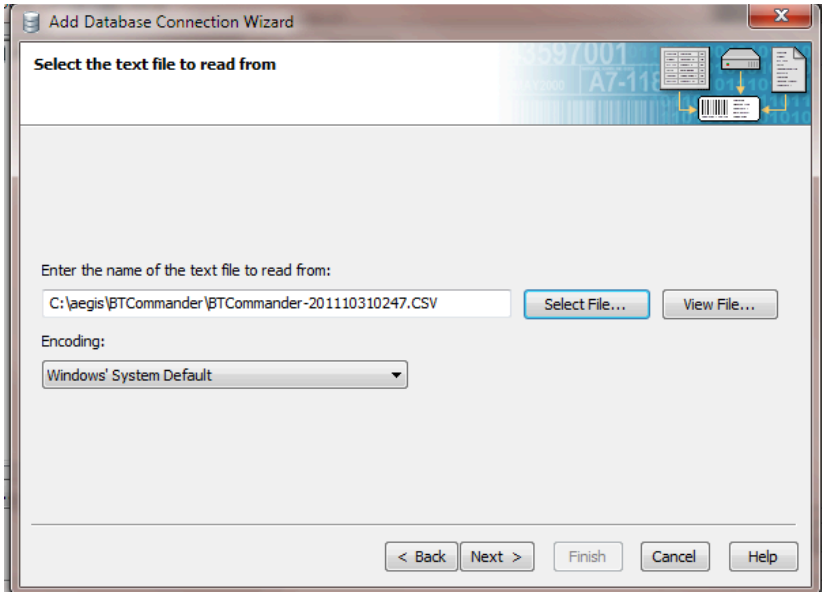
Select a Printer Name (Take care to use a Label Printer even for testing to conserve the Bartender Printer License count), Select the Quantity tab, check the use database, Click the Database Connection Setup.



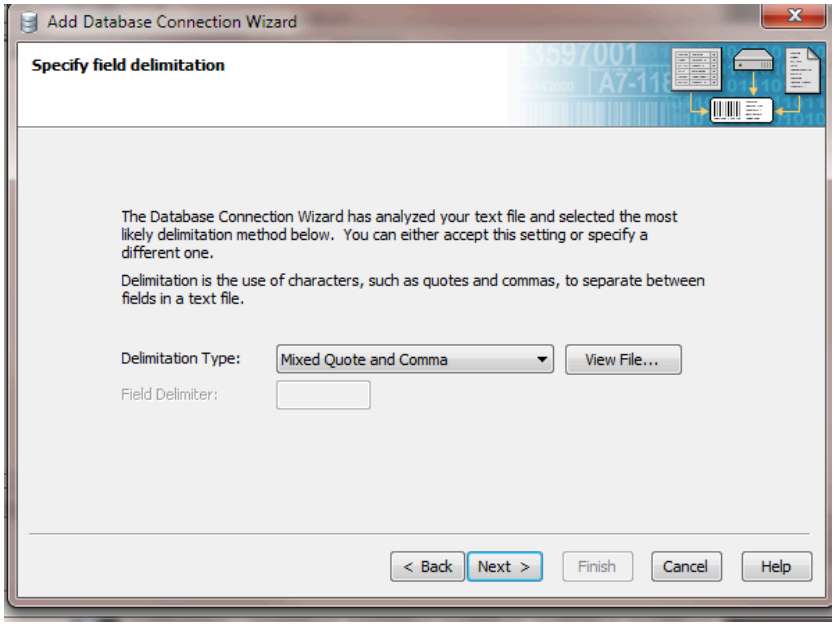
Click Next



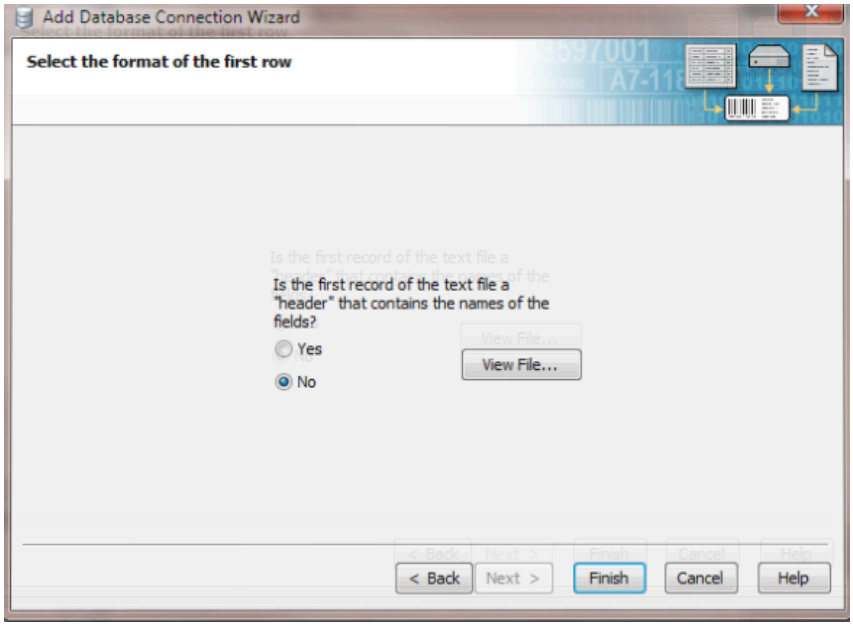
Click Text File and Next



Click Select file and select the CSV from the C:\Aegis\BTCommander directory. Click Next



The Default CSV is Mixed Quote and Comma Delimitation, click Next.

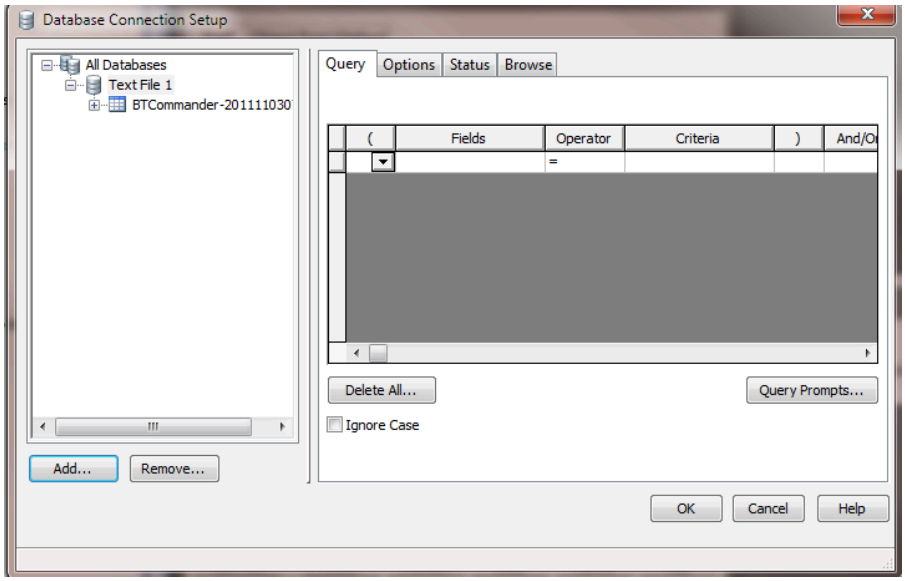


Click Yes for the first record containing the Header then click Next.

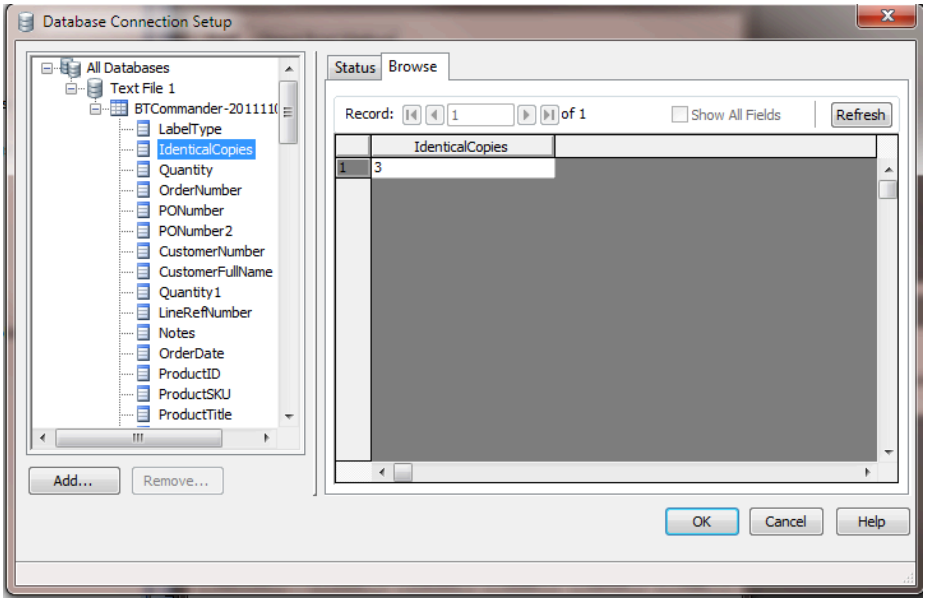
At this point the Data base connection is done, do not remove the database until all the Custom label fields are assigned a column in the CSV database. After using Bartender Designer to print the label using the CSV you will be removing the database connection and saving the design. The Commander will push new CSVs to the label designs when new print requests are made.

Assign a CSV field.

Now that a database is assigned, lets assign the Number of identical copies field from the CSV to the label design.



The CSV file names will start with the BizOps Printer Name which in this example is BTCommander followed by a unique string containing a data and time stamp. Click on the + symbol to the left of the file name, this will display the Field names in the CSV.



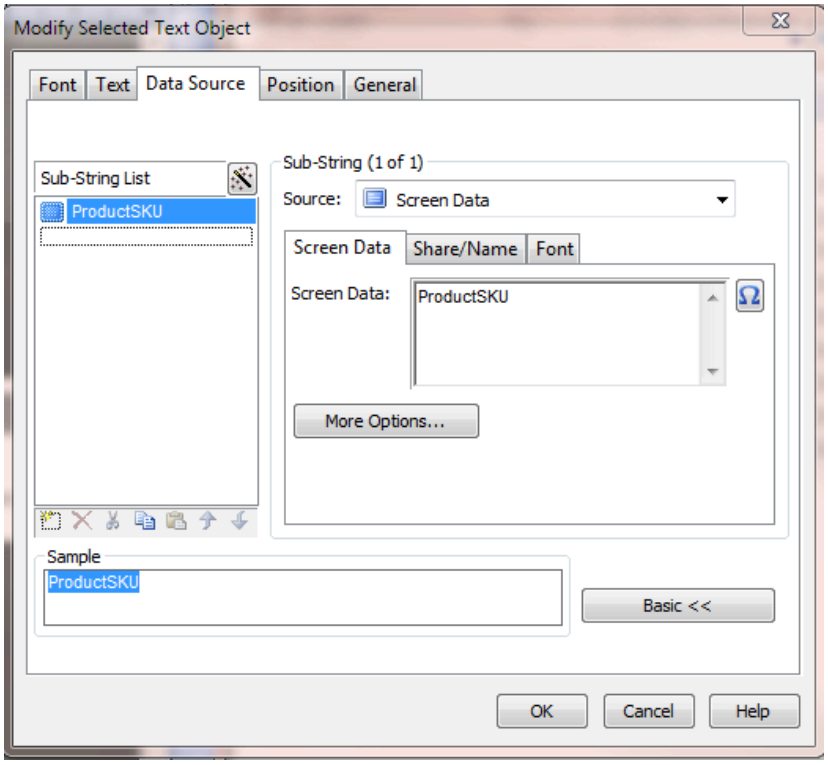
Select the IdenticalCopies field and the value of the field will display in the right hand grid. It is possible that multiple records will display which reflect multiple print requests. In this example the value for the single request is 3 copies of the identical Label. Click OK. On the next screen click Close (we are not ready to test print yet).

This process of assigning a field is performed for each field of the custom label.

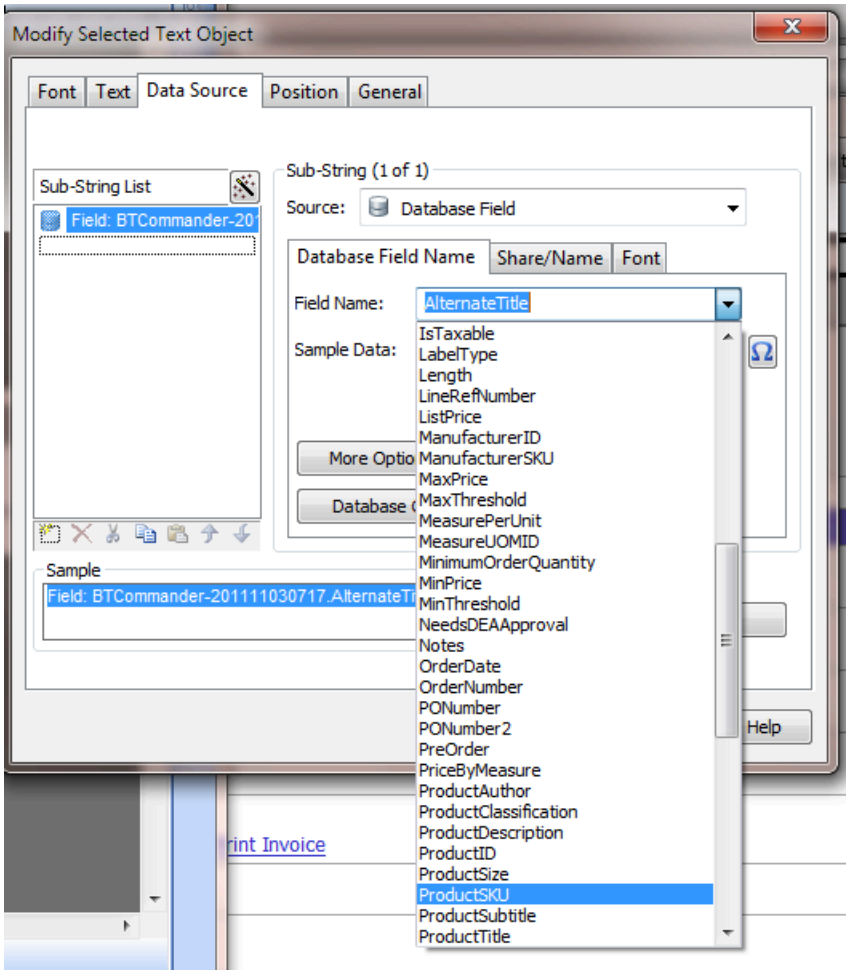
Assign a CSV field to a a label field.

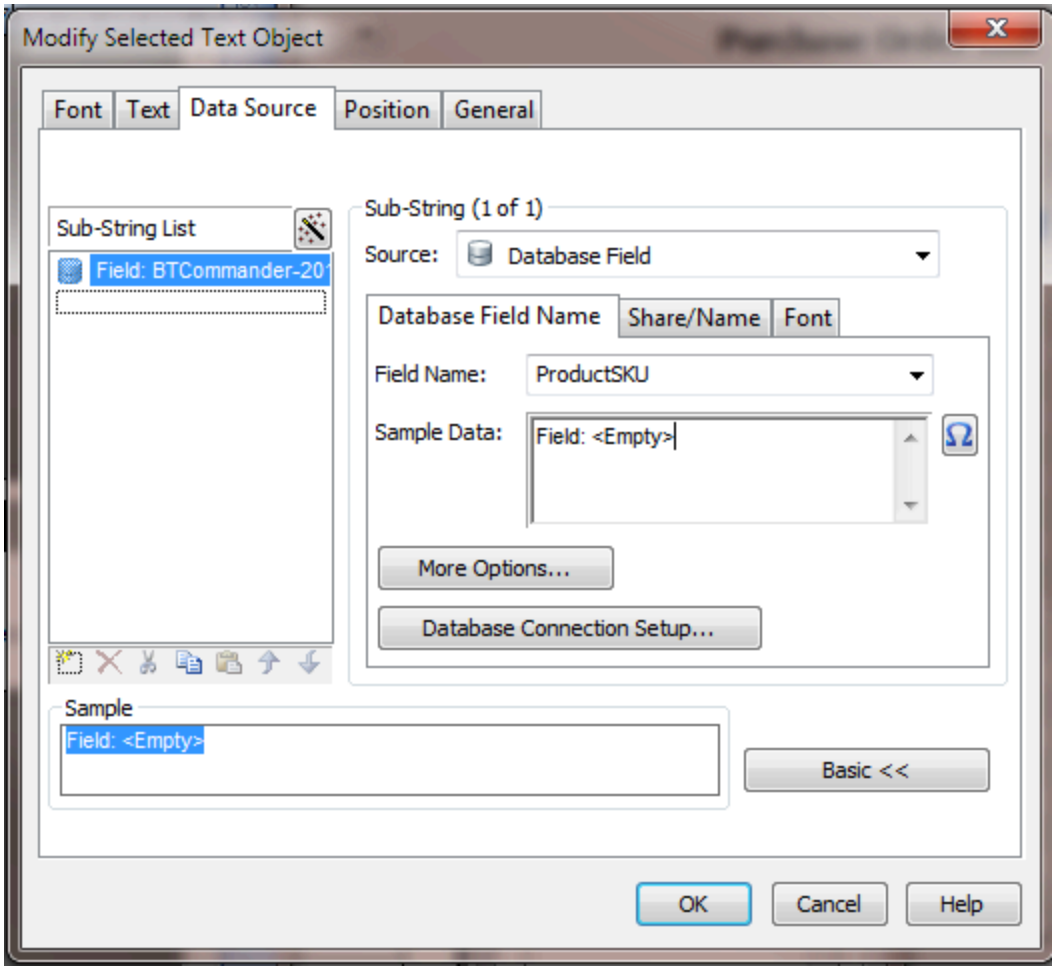
The Initial Label design will show the field as you set them up, normally as “Screen Data”.

Click on the field.



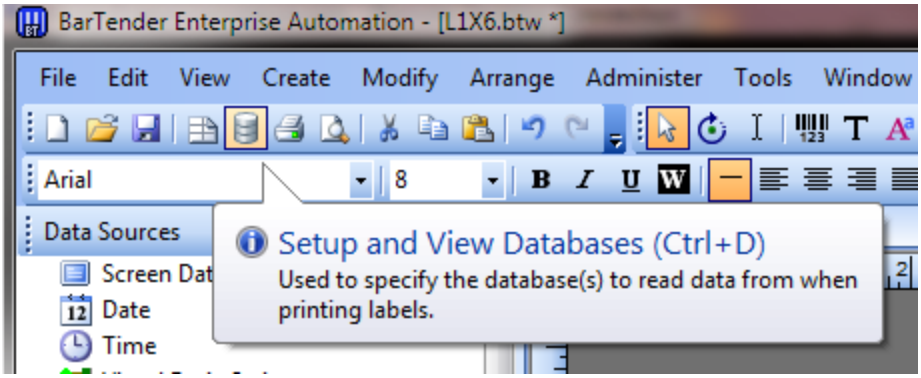
Change the Source from Screen data to Database Field. This wallow you to choose a field from the CSV using the dropdown field selector of the Field Name: .


Modify Selected Text Object
Font
Text
Data Source
Position
General
Sub-String List
Field: BTCommander-20
Sub-String (1 of 1)
Source:
Database Field
Database Field Name
Share/Name
Font
Field Name:
AlternateTitle
Sample Data:
More Optio
Database
Sample
Field: BTCommander-201111030717.AlternateTi
Help
IsTaxable
LabelType
Length
LineRefNumber
ListPrice
ManufacturerID
ManufacturerSKU
MaxPrice
MaxThreshold
MeasurePerUnit
MeasureUOMID
MinimumOrderQuantity
MinPrice
MinThreshold
NeedsDEAApproval
Notes
OrderDate
OrderNumber
PONumber
PONumber2
PreOrder
PriceByMeasure
ProductAuthor
ProductClassification
ProductDescription
ProductID
ProductSize
ProductSKU
ProductSubtitle
ProductTitle
rint Invoice

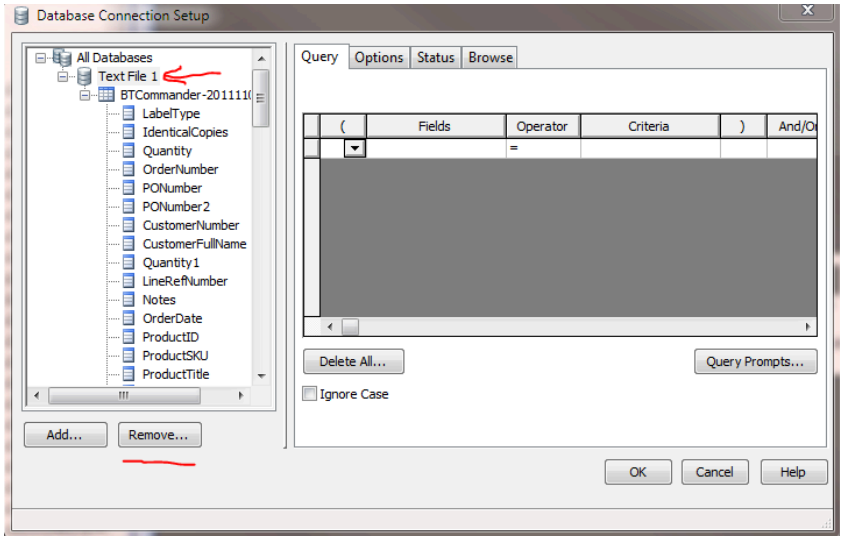


The Sample data may be Empty or show the first record's data. Click OK, Save and print the label to verify the setting.

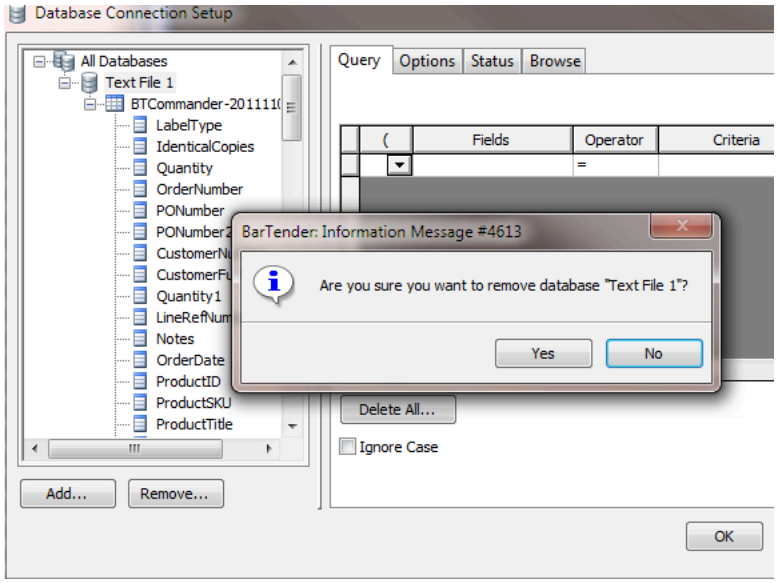
Repeat this process and set all of the CSV fields in the label.
As the very last step, Remove the database because it will be pushed to the Bartender label Printert via the /D argument sent by the Bartender Commander. Please note if you need to edit the label simply setup the database connection again.



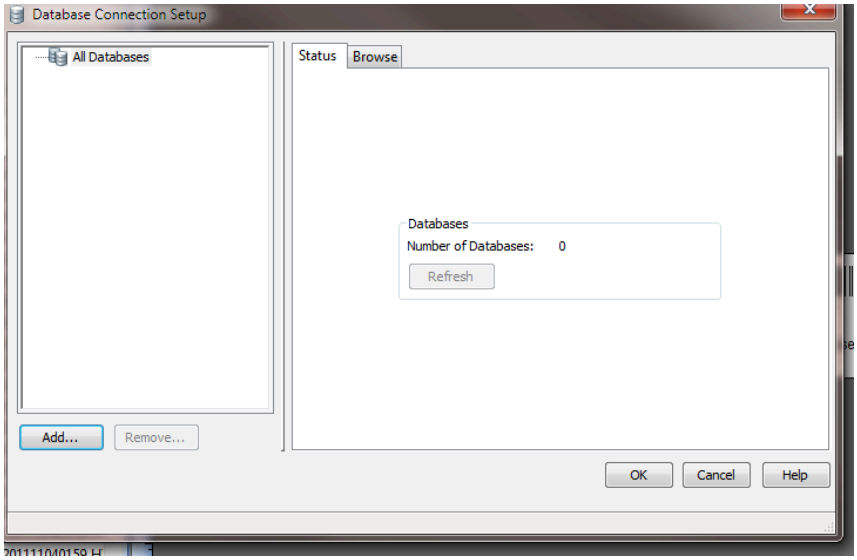
Click the Database icon or Ctrl-D



Chose/Highlight the Text database (Text File 1). Click Remove.



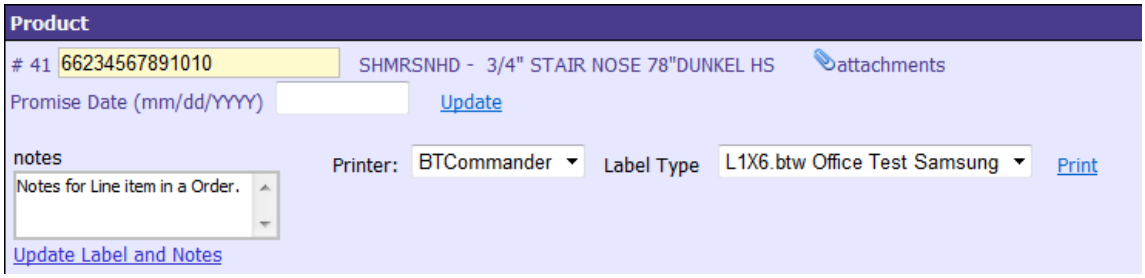
Click Yes.



Normally there will be no more databases. Click OK.
Be certain to save your changes to the label. Click on the Save icon, used the file drop down or click Ctrl-S.

Test and verify the print function

Using the BizOps Page that prints the Labels you are designing/implementing make a print request. For example.



Click Print