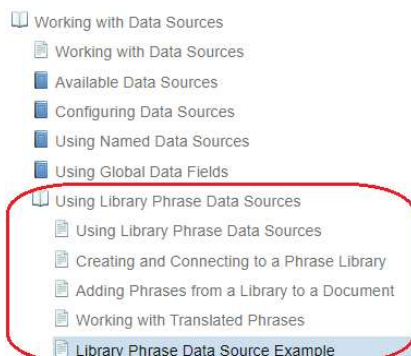# Cover Sheet – Library Phrase Data Source Example

1. How much of this content did you write? All of it

2. The document represents original writing.

3. I wrote this document by testing the feature on a pre-release build installed on a virtual machine. No spec was available from engineering.

4. Light editing was performed by a Senior Technical Writer on the Documentation team.

5. There are no code examples in this writing sample.

6. The document was written using our company style guide, which is primarily based on the Microsoft Manual of Style (~95%) with some custom elements (~5%).

7. Writing this topic was challenging as the feature remained very buggy at "code complete" date. The document was not finished at the "code complete" date but was finished prior to the "test complete" date, which was standard for deadline requirements for the Documentation team. I worked closely with QA team members to ensure that, while complicated, the steps were the most efficient way to achieve the desired result.

8. This document was part of a larger documentation set related to using data sources in BarTender templates (a specific section in the BarTender help). I owned the "Using Library Phrase Data Sources" section.
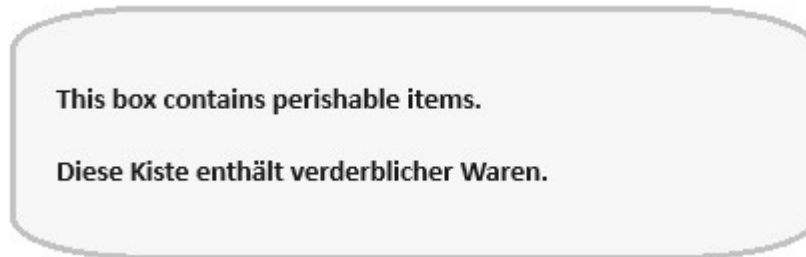
Writing Sample

Library Phrase Data Source Example

You can use Library Phrase data sources in several ways to print frequently used text content, whether in one language or several. This topic provides a procedure that you can use to print one phrase on your template in two places and in two languages: your default language and a different language that you specify at print time.

Consider the following scenario:

A distributor ships perishable produce from one country to another. Regulations require that the shipping containers use a label that has cautionary text in two languages: the language of the originating country and the language of the destination country.

You want to create a template in BarTender that uses two text objects. The first text object contains the phrase in your default language (in this example, the default language is English [United States]). The second text object contains a translated version of the phrase (in this example, the phrase is translated into German [Germany] and Spanish [Spain], and the print operator chooses which language to print the phrase in). When the print operator selects German (Germany) at print time, the resulting label resembles the following.

The procedure that follows describes how to create the Library Phrase data sources that are used for this label and how to configure the text objects on the template to print the phrase in the languages that you want.

Step 1: Create the phrase library and connect it to the document

To create the phrase library and connect it to your document

You can use Data Builder to create a phrase library, or you can use BarTender, as in the following procedure. When you use BarTender, the phrase library that you create is automatically connected to your BarTender document. To do this, follow these steps:

1. In BarTender, right-click **Libraries** on the **Data Sources** pane of the **Toolbox**, and then click **Create a New Library**.

2. In the **Create a Phrase Library** dialog, specify a name for the library and the Data Builder database that you want to add it to, which can be an existing database or a new one that you create. Then, click **OK**. The **Edit Library** dialog opens.

3. Use the **Edit Library** dialog to add the following phrases to your library. The first phrase is in English, the second is in German, and the third is in Spanish:

> This box contains perishable items.
> Diese Kiste enthält verderblicher Waren.
> Esta caja contiene artículos perecederos.

To do this, follow these steps:

a. In the **Edit Library** dialog, add the English (United States) phrase manually by clicking the empty cell in the **English (United States)** column and then entering the phrase.

b. Add the German (Germany) and Spanish (Spain) languages to the library. To do this, click **Add Language** on the ribbon, and then select **German (Germany)** and **Spanish (Spain)** in the **Select New Language** dialog.

c. In the **German (Germany)** column, add the German phrase in the same row as the English phrase is in.

d. In the **Spanish (Spain)** column, add the Spanish phrase in the same row as the English phrase is in.

e. Click **OK**.

Your new phrase library appears under **Libraries** on the **Data Sources** pane of the Toolbox.

Step 2: Configure the languages for the document

To configure the languages that you want to print your document in

In this procedure, you will configure German (Germany), and Spanish (Spain) to be available to select in the **Print** dialog at print time so that you can specify the language that you want to print the second text object in. You use the **BarTender Document Options** dialog to configure the languages, as follows:

1. In BarTender, click **BarTender Document Options** on the **File** menu to open the **BarTender Document Options** dialog.

2. On the **Languages** tab, set the **Number of Languages in Document** option to 2.

3. Configure the first listed language ("Number 1") in the languages table to always be English (United States). To do this, leave the "Number 1" language set to the default of **English (United States)**, and leave the **Select at Print-Time** check box unselected.

4. Configure the second listed language ("Number 2") in the languages table to default to German (Germany) but to accept language selection at print time. To do this, follow these steps:

a. Click the ellipsis (...), and then select **German (Germany)** in the **Select New Language** dialog.

> ⓘ The language and locale must match the language and locale that are specified in the phrase library.

b. Click to select the **Select at Print-Time** check box for the "Number 2" language.

5. Click **OK** to close the **BarTender Document Options** dialog.

Step 3: Create and configure the first text object

To create and configure a text object for the English phrase

1. Drag the phrase library from the **Data Sources** pane of the **Toolbox** to the location on the template where you want to place the text object. The **Select a Phrase** dialog opens.

2. In the dialog, select the phrase that you want for the text object. (In this example, there is only one phrase.)

3. Leave the preview language set to **English (United States)**, and then click **OK** to close the dialog.

4. Double-click the text object to open the **Text Properties** dialog, and then make sure that **Language #1 - English (United States)** is selected in the **Language** list on the **Data Source** pane of the **Data Sources** property page.

5. Click **Close** to close the **Text Properties** dialog.

Step 4: Create and configure the second text object

To create and configure a text object for the translated phrase

1. Add a new text object to the template, and then double-click it to open the **Text Properties** dialog. Alternatively, right-click the object, and then click **Properties**.

2. On the **Data Source** tab of the **Data Sources** property page, click for the **Type** field to start the Change Data Source Type wizard. Select Library Phrase for the data source type, and then click **Next**.

3. Click for **Phrase ID** to open the **Select a Phrase** dialog, select the same phrase that you selected for the first text object, and then click **OK** to close the dialog and return to the wizard.

4. In the **Language** list, select **Language #2 – Selected at print-time, German (Germany)**.

5. Click **Finish** to close the wizard.

6. Click **Close** to close the **Text Properties** dialog. The German phrase appears on your template. However, you will be able to change this to Spanish if you want when you run the print job.

Step 5: Select the language to print the second text object in

You can use the **Print** dialog to select the language to print an object in, or you can configure a data entry control so that the print operator selects the language at print time.

To use the Print dialog to select the language for the translated phrase at print time

1. Click to open the **Print** dialog, and then click the **Languages** mini-tab.

2. In the "Number 2" list, select the language that you want to print the phrase in. The object will be printed in this language when the print job runs.

   For example, if you select **Spanish (Spain)** and then click **Preview**, your template resembles the following.

> This box contains perishable items.
>
> Esta caja contiene artículos perecederos.

To use a data entry control to select the language for the translated phrase at print time

You can use this procedure for radio button list controls and for dropdown list and list box controls whose type is Single Column.

1. In BarTender, click the **Form** tab at the bottom of the design area to switch to Data Entry Form view.

2. On the **object toolbar**, click ⊞, and then click **Dropdown List**, **List Box**, or **Radio Button List**.

3. Click the location on the data entry form where you want to place the control.

4. Double-click the control to open the **Control Properties** dialog. Alternatively, right-click the control, and then click **Properties**.

5. In the left navigation pane, click **Linked Data Source**.

6. In the **Data sources** area, click **Language**.

7. Click **Close** to close the **Control Properties** dialog. Notice that your control now lists the languages that you configured to be selected at print time (English, German, and Spanish).

8. On the main toolbar, click 🔍 **Print Preview**. The data entry form is displayed. Select the language that you want, and then click **Preview**. A preview is displayed that shows that the second text object will be printed in this language when the print job runs.

   For example, if you select **Spanish (Spain)** and then click **Preview**, your template resembles the following.

> This box contains perishable items.
>
> Esta caja contiene artículos perecederos.