

# Building the Hierarchical List Box

The first step is to build the basic form, in preparation for writing BASIC+ code to customize the list box. Do the following:

1. Create a new form called **LISTBOX** in the Form Designer, selecting **No Table** as the data source.
2. Create the list box. Add a list box control called **LB\_H**. In the list box's **Properties** dialog box, check **Hierarchical listbox**, and check **Enter = dbl click**. We will not use a bitmap to indicate the hierarchical list box level. Instead, we will use the Tab character (**Char(9)**) as a separator between the levels. The settings should display as below.

**List Box Properties**

Name:

Items:

OK Cancel Help Events...

**Style**

<input type="checkbox"/> Disabled	<input type="checkbox"/> Multiple column	<input checked="" type="checkbox"/> Enter = dbl click
<input checked="" type="checkbox"/> Visible	<input type="checkbox"/> Multiple selection	<input type="checkbox"/> Autosize width
<input checked="" type="checkbox"/> Border	<input type="checkbox"/> Extended selection	<input type="checkbox"/> Autosize height
<input checked="" type="checkbox"/> Vert. scroll bar	<input type="checkbox"/> Scroll bar always	<input type="checkbox"/> Right anchor
<input type="checkbox"/> Horz. scroll bar	<input checked="" type="checkbox"/> Hierarchical listbox	<input type="checkbox"/> Bottom anchor
<input type="checkbox"/> Sorted	<input type="checkbox"/> Overlapping tabs	

**Conversion/Display**

Conversion: <<None>>

**Database Association**

No associated component

No associated item

**Bitmap List Box:**

Bitmap Entity:

☐ Resize ☒ Clip

Number of Images:

In the previous example, we added the contents of the list box by typing in the **Items** area. In this case, however, we add all of the functionality through a single stored procedure.

3. **Create a Populate button.** Add a button control called **B\_POPULATE**, and type **Populate** in the **Text** property. In the **CLICK** event of this button, a function called **TEST\_LB()** will be invoked to populate the hierarchical list box.