Hierarchical List Box Programming Using A Bitmap

Up to this point, we have been using tabs to display the hierarchy. In this example, we will use a bitmap rather than tabs to indicate the list box level. The end result, with the list box fully populated, displays as shown below:



Since the expansion and collapse of the list box occurs automatically when an item is double clicked, there is not need for the **Expand All** or the **Collapse All** buttons that we needed in the tab programming example. In this example, we use the **SORT** bitmap, which has 3 bitmaps, which display as shown below:



The first bitmap is an up arrow, the second the down arrow, and the third is blank.

Set the list box to use the SORT bitmap, and set the number of images to 3, as shown below:

List Box Properties	X
Name:	
LB_H	OK
Items:	Cancel
	Help
T	Events
□ Disabled □ Multiple column ▼ En ▼ Visible □ Multiple selection □ Au ▼ Border □ Extended selection □ Au ▼ Vert. scroll bar □ Scroll bar always □ Rig □ Horz. scroll bar ▼ Hierarchical listbox □ Bo □ Sorted □ Overlapping tabs □ No	ter = dbl click tosize width tosize height ght anchor ttom anchor
Conversion/Display	
Conversion: < <none>></none>	Edit
Database Association	
No associated component	Set
No associated item	Remove
Bitmap List Box:	
Bitmap Entity:	
SORT 🗨 C	Create Entity
C Resize C Clip Number of Imag	ges: 3 💌

To get this effect, simply populate the list box from the Populate button. Substitute the following in the CLICK event of **B_POPULATE**:

case ctrlName = 'B_POPULATE'	
content = ''	
content<1> = '2-1:OpenInsight'	
content<2> = '2-2:Tech Notes'	
content<3> = '3-3:Hierarchical List Boxes Part 1'	
content<4> = '3-3:Hierarchical List Boxes Part 2'	
content<5> = '2-2:White Papers'	
content<6> = '3-3:How to Get to the Web With OpenInsight'	
<pre>Set_Property(WinId: '.LB_H', 'LIST', content)</pre>	
Send_Message(WinId: '.LB_H', 'EXPAND', 0, 1)	