

## Creating the Time Zone App

In this tutorial, you create an app that allows the user to select a city with a ListPicker. When the user selects a city, the app displays the name of the city's time zone in a TextBox. Figure 4-83 shows the app's screen in the Viewer.



Step 1: Start a new project named TimeZone.

Step 2: Set up the app's screen with the components shown in Figure 4-83 (above). The ListPicker component is in the Basic palette.

Refer to Table below for the relevant property settings for each component.

Component	Relevant Property Settings
Screen1	AlignHorizontal = Center Title = Time Zone
HorizontalArrangement1	Keep default property settings
ListPickerCity	ElementsFromString = New York, San Francisco, Honolulu Text = Select a City
LabelCity	FontBold = checked FontSize = 20 Text = You Selected:
TextBoxCityDisplay	Enabled = unchecked FontBold = checked Hint = cleared TextAlignment = center Width = Automatic Height = Automatic

<b>HorizontalArrangement2</b>	Keep default property settings
<b>LabelTimeZone</b>	FontBold = checked FontSize = 20 Text = Time Zone:
<b>TextBoxCityDisplay</b>	Enabled = unchecked FontBold = checked Hint = cleared TextAlignment = center Width = Automatic Height = Automatic

Step 3: Now you will program the AfterPicking event handler for the ListPickerCity component. Open the Blocks Editor and create the event handler.

```

when ListPickerCity . AfterPicking
do
  set TextBoxCityDisplay . Text to ListPickerCity . Selection
  if
    compare texts ListPickerCity . Selection = " New York "
  then
    set TextBoxTimeZoneDisplay . Text to " Eastern "
  else if
    compare texts ListPickerCity . Selection = " San Francisco "
  then
    set TextBoxTimeZoneDisplay . Text to " Pacific "
  else
    set TextBoxTimeZoneDisplay . Text to " Hawaii-Aleutian "

```

Step 4: Test the app in the emulator or on your device. Figure 4-86 shows the list of cities that appears when you click the ListPicker.

