

Interactive,
Non-
Interactive
Gauge
Example

Interactive, Non-Interactive Gauge Example

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This example shows, how to create the Gauge class to draw the interactive and non-interactive gauge which is used to display the volume label.

Interactive, Non-Interactive Gauge Example

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This example shows, how to create the Gauge class to draw the interactive and non-interactive gauge which is used to display the volume label.

The `javax.microedition.lcdui.Gauge` class has only one constructor as:

Gauge(String label, boolean interactive, int maxValue, int initialValue):- This is used to creates a new Gauge object with the given label, in interactive or non-interactive mode, with the given maximum and initial values.

In this Interactive gauge example, we are using following methods:

- `getMaxValue()`
- `getValue()`
- `isInteractive()`
- `setMaxValue(int maxValue)`
- `setValue(int value)`

The Application is as follows:

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Source Code of GaugeExample.java

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;

public class GaugeExample extends MIDlet implements CommandListener{
    private Form form;
    private Display display;
    private Command back;
    private String label1, label2;
    private Gauge gauge1, gauge2;

    public GaugeExample(){
        label1 = new String("Interactive");
        label2 = new String("Non-Interactive");
        gauge1 = new Gauge("Interactive", true, 100, 40);
        gauge2 = new Gauge("Static", false, 100, 40);
    }

    public void startApp(){
        Form form = new Form("GaugeExample");
        back = new Command("Exit", Command.EXIT, 0);
        display = Display.getDisplay(this);
        form.append(label1);
        form.append(gauge1);
        form.append(label2);
    }
}
```

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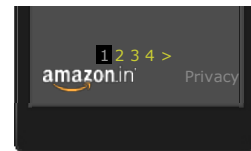
form.append(gauge2);
form.addCommand(back);
form.setCommandListener(this);
display.setCurrent(form);
}

public void pauseApp(){}

public void destroyApp(boolean unconditional){
    notifyDestroyed();
}

public void commandAction(Command c, Displayable s){
    String label = c.getLabel();
    if (label.equals("EXIT")){
        destroyApp(false);
    }
}
}

```



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