



J2ME Alert Example

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This example illustrates how to create alert through sound. In this example we are using **AlertType** class for the different alert.

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Sound Alerts using MIDlet in J2ME

This example illustrates how to create alert through sound. In this example we are using **AlertType** class for the

different alert. The **AlertType()** class has only one method:

- **playSound(Display display):-** This is the boolean type method, it is used to Alert user by playing the sound.

There are different **Alert Types** in J2ME:

- **ALARM**
- **CONFIRMATION**
- **ERROR**
- **INFO**
- **WARNING**

The Application is as follows:

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Source code of **SoundAlertExample.java**

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

public class SoundAlertExample extends MIDlet implements
ItemStateListener, CommandListener{

    private Display display;
    private Form form;
    private Command exit;
    private ChoiceGroup choice;

    public void startApp(){
        display = Display.getDisplay(this);
        choice = new ChoiceGroup("List of Sound", Choice.EXCLUSIVE);
        choice.append("Message Tone", null);
        choice.append("Confirmation Tone", null);
        choice.append("Warning Tone", null);
        choice.append("Alarm Tone", null);
        choice.append("Error Tone", null);
        exit = new Command("Exit", Command.EXIT, 1);
        form = new Form("");
        form.append(choice);
        form.addCommand(exit);
        form.setCommandListener(this);
    }
}
```

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```

form.setItemStateListener(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);
}
}

public void itemStateChanged(Item item){
switch (choice.getSelectedIndex()){
case 0:
AlertType.INFO.playSound(display);
break;

case 1:
AlertType.CONFIRMATION.playSound(display);
break;

case 2:
AlertType.WARNING.playSound(display);
break;

case 3:
AlertType.ALARM.playSound(display);
break;

case 4:
AlertType.ERROR.playSound(display);
break;
}
}
}

```

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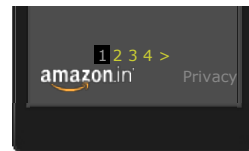
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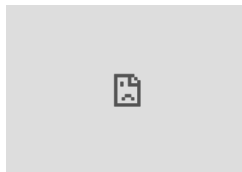


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