

Command
Midlet
Example

Command Midlet Example

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This example illustrates how to create command button in your form.

J2ME Button MIDlet

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This example illustrates how to create command button in your form. Command class build to bind only the semantic information of the command it means command is not the actual action its contains only information about command. Command action is defined in

CommandListener class with associated screen or form. Command contains three methods:

- **label**
- **type**
- **priority**

the label contains label of the commands, the type contains types of the command and the priority contains priority of the commands.

List of the Command Field:

- **BACK**
- **CANCEL**
- **EXIT**
- **HELP**
- **ITEM**
- **OK**
- **SCREEN**
- **STOP**

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If user select the 'BACK' command then the `commandAction()` function will be called and check whether label is equal to 'BACK' then `backCom()` function will be called and display the form with alert object ('BACK Command') screen displays as below:

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or when select the OK command the 'OK Command' will be displayed:

**I Make
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**work from home
and make \$7,397
a Month...**

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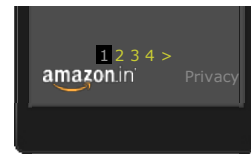
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Source code of **CommandExample.java**

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

public class CommandExample extends MIDlet implements CommandListener{
    private Form form;
    private Display display;
    private Command ok, back, cancel, exit, help, item, screen, stop;

    public CommandExample(){
        form = new Form("Command Form");
        screen = new Command("SCREEN", Command.SCREEN, 1);
        back = new Command("BACK", Command.BACK, 2);
        cancel = new Command("CANCEL", Command.CANCEL, 3);
        ok = new Command("OK", Command.OK, 4);
        help = new Command("HELP", Command.HELP, 5);
        stop = new Command("STOP", Command.STOP, 6);
        exit = new Command("EXIT", Command.EXIT, 7);
        item = new Command("ITEM", Command.ITEM, 8);
    }

    public void startApp(){
        display = Display.getDisplay(this);
        form.addCommand(screen);
        form.addCommand(back);
        form.addCommand(cancel);
```

```

form.addCommand(ok);
form.addCommand(help);
form.addCommand(stop);
form.addCommand(exit);
form.addCommand(item);
form.setCommandListener(this);
display.setCurrent(form);
}

public void pauseApp(){

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

public void backCom(){
    Alert back = new Alert("BACK Command",
        "Back Command Executed!", null, AlertType.INFO);

    back.setTimeout(5000);
    display.setCurrent(back, form);
}
public void okCom(){
    Alert ok = new Alert("OK Command",
        "OK Command Executed!", null, AlertType.INFO);

    ok.setTimeout(5000);
    display.setCurrent(ok, form);
}
public void cancelCom(){
    Alert cancel = new Alert("CANCEL Command",
        "Cancel Command Executed!", null, AlertType.INFO);

    cancel.setTimeout(5000);
    display.setCurrent(cancel, form);
}
public void exitCom(){
    Alert exit = new Alert("EXIT Command",
        "Exit Command Executed!", null, AlertType.INFO);

    exit.setTimeout(5000);
    display.setCurrent(exit, form);
}

public void commandAction(Command c, Displayable d) {
    String label = c.getLabel();
    if(label.equals("BACK")){
        backCom();
    } else if(label.equals("OK")){
        okCom();
    } else if(label.equals("CANCEL")){
        cancelCom();
    } else if(label.equals("EXIT")){
        exitCom();
    }
}
}
}

```

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i want that OK command appear at same time when user type text on text field

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