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# J2ME Read File

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In this J2ME application, we are going to read the specified file.

## J2ME Read File

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In this J2ME application, we are going to read the specified file.

This example shows you how to read the data of the specified file. To implement this type of logic we need to create a text file in the res folder of the directory. In this application we are creating a

"help.txt" file and read the data of this file by the help of j2me midlet.

For Details you can download the source code and use it on j2me environment.

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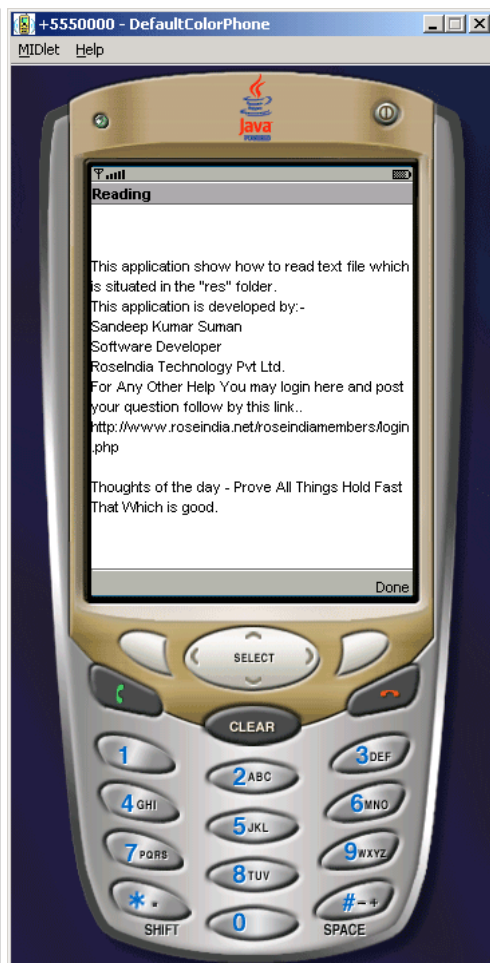
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ReadFile.java

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

public class ReadFile extends MIDlet implements CommandListener{
    private Display display;
    private Form form;
    private Command read, exit;
    private Alert alert;

    public ReadFile(){
        display = Display.getDisplay(this);
        read = new Command("Read", Command.SCREEN, 1);
        exit = new Command("Exit", Command.EXIT, 1);
        form = new Form("Read File");
        form.addCommand(exit);
        form.addCommand(read);
        form.setCommandListener(this);
    }

    public void startApp(){
        display.setCurrent(form);
    }

    public void pauseApp(){}
}
```

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```

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

public void commandAction(Command c, Displayable s){
    String label = c.getLabel();
    if (label.equals("Read")){
        String string = file();
        if (string != null){
            alert = new Alert("Reading", string, null, null);
            alert.setTimeout(Alert.FOREVER);
            display.setCurrent(alert, form);
        }
        else if (label.equals("Exit")){
            destroyApp(false);
        }
    }

    private String file(){
        InputStream is = getClass().getResourceAsStream("help.txt");
        StringBuffer sb = new StringBuffer();
        try{
            int chars, i = 0;
            while ((chars = is.read()) != -1){
                sb.append((char) chars);
            }
            return sb.toString();
        }catch (Exception e){}
        return null;
    }
}

```

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**Leke Ekundayo**

June 21, 2011

Reading and Searching Files

---

Suppose I want to read from a file in a folder on the disk. Then, how do I search for words in these files. Quite urgent. Thanks



**dafny saha**

November 7, 2011

comments

---

i am gettin an exception if i tried to run the code so it returns null..how to rectify it



**Kashif**

January 1, 2012

Res directory?

---

I want to ask that: 1 where is Res directory? 2 where to place the file if using netbeans? 3 When porting to nokia device where the files should be kept?



**bokang**

October 24, 2012

this tutorials are wow!

for real as a new babe in mobile programming this toturials made me a wonder in my world of programming.soon or later the world will know me

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