

JAVA EXAMPLES - READ A FILE USING APPLET

http://www.tutorialspoint.com/javaexamples/applet_readfile.htm

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Problem Description:

How to read a file using Applet?

Solution:

Following example demonstrates how to read a file using an Applet using openStream method of URL.

```
import java.applet.*;
import java.awt.*;
import java.io.*;
import java.net.*;

public class readFileApplet extends Applet{
    String fileToRead = "test1.txt";
    StringBuffer strBuff;
    TextArea txtArea;
    Graphics g;
    public void init(){
        txtArea = new TextArea(100, 100);
        txtArea.setEditable(false);
        add(txtArea, "center");
        String prHtml = this.getParameter("fileToRead");
        if (prHtml != null) fileToRead = new String(prHtml);
        readFile();
    }
    public void readFile(){
        String line;
        URL url = null;
        try{
            url = new URL(getCodeBase(), fileToRead);
        }
        catch(MalformedURLException e){}
        try{
            InputStream in = url.openStream();
            BufferedReader bf = new BufferedReader
            (new InputStreamReader(in));
            strBuff = new StringBuffer();
            while((line = bf.readLine()) != null){
                strBuff.append(line + "\n");
            }
            txtArea.append("File Name : " + fileToRead + "\n");
            txtArea.append(strBuff.toString());
        }
        catch(IOException e){
            e.printStackTrace();
        }
    }
}
```

Result:

The above code sample will produce the following result in a java enabled web browser.

[View in Browser](#)
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js