

# JAVA EXAMPLES - WRITE TO A FILE USING APPLET

[http://www.tutorialspoint.com/javaexamples/applet\\_writefile.htm](http://www.tutorialspoint.com/javaexamples/applet_writefile.htm)

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## Problem Description:

How to write to a file using Applet?

## Solution:

Following example demonstrates how to write to a file by making text area for writing in a browser using TextArea making Labels & then creating file using File constructor.

```
import java.io.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.applet.Applet;
import java.net.*;

public class WriteFile extends Applet{
    Button write = new Button("WriteToFile");
    Label label1 = new Label("Enter the file name:");
    TextField text = new TextField(20);
    Label label2 = new Label("Write your text:");
    TextArea area = new TextArea(10,20);
    public void init(){
        add(label1);
        label1.setBackground(Color.lightGray);
        add(text);
        add(label2);
        label2.setBackground(Color.lightGray);
        add(area);
        add(write, BorderLayout.CENTER);
        write.addActionListener(new ActionListener (){
            public void actionPerformed(ActionEvent e){
                new WriteText();
            }
        });
    }
}

public class WriteText {
    WriteText(){
        try {
            String str = text.getText();
            if(str.equals("")){
                JOptionPane.showMessageDialog(null,
                    "Please enter the file name!");
                text.requestFocus();
            }
            else{
                File f = new File(str);
                if(f.exists()){
                    BufferedWriter out = new
                        BufferedWriter(new FileWriter(f, true));
                    if(area.getText().equals("")){
                        JOptionPane.showMessageDialog
                            (null, "Please enter your text!");
                        area.requestFocus();
                    }
                }
                else{
                    out.write(area.getText());
                    if(f.canWrite()){
                        JOptionPane.showMessageDialog(null,
                            "Text is written in "+str);
                        text.setText("");
                        area.setText("");
                    }
                }
            }
        }
        catch (Exception e){
            e.printStackTrace();
        }
    }
}
```

```
        text.requestFocus();
    }
    else{
        JOptionPane.showMessageDialog(null,
            "Text isn't written in "+str);
    }
    out.close();
}
else{
    JOptionPane.showMessageDialog
        (null, "File not found!");
    text.setText("");
    text.requestFocus();
}
}
}
catch(Exception x){
    x.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

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js