

Forum:[Hack Forums](#)

Thread: [Reading text file content into a JTextArea help](#)

friiz1337 - March 28, 2018, 8:25 am

Here is my code and I can't seem to get the text file content to display when I run my program. Also I tried removing the `txtNewNote.setEditable(false)` still didn't work.

```
Code
JTextArea txtNewNote = new JTextArea();
if ("Savee".equals(ae.getActionCommand())) {
    int dialogButton = JOptionPane.YES_NO_OPTION;
    JOptionPane.showConfirmDialog(null, "Do you want to save?", "", dialogButton);
    txtNewNote.setEditable(false);

    String fileName = "CourseDetails.txt";
    String line;

    try { // writing

        BufferedWriter writer = new BufferedWriter(new FileWriter(fileName, true));
        txtNewNote.write(writer);
        writer.newLine();
        writer.close();

    } catch (IOException ex) {
        System.out.println("Error");
        // reading
        try (BufferedReader myReader = new BufferedReader(new
FileReader("CourseDetails.txt"))) {
            String text = null;
            while ((text = myReader.readLine()) != null) {
                txtNewNote.read(myReader, "CourseDetails");
            }
        } catch (IOException exp) {
            exp.printStackTrace();
        }
    }
}
```

m0noxide - March 28, 2018, 12:06 pm

Code if ("Savee".equals(ae.getActionCommand())) {
Could it be because you misspelled save?

friiz1337 - March 28, 2018, 5:01 pm

(Mar 28, 2018 12:06 PM)m0noxide Wrote: [\[CITE\]](#) Code if ("Savee".equals(ae.getActionCommand())) {
Could it be because you misspelled save?
It's not it. I've named my button "Savee".

(Mar 28, 2018 05:01 PM)friiz1337 Wrote: [\[CITE\]](#) It's not it. I've named my button "Savee".
When the button is pressed it saves the info into a text file and that info I want to be displayed in the same text area where I write it. Basically a frame where I store notes on a text area :)

? Soufian ? - March 28, 2018, 5:06 pm

Try this to read, it must work:

```
Code try {
    FileReader file = new FileReader("CourseDetails.txt");
    BufferedReader br = new BufferedReader(file);
    String line = br.readLine();

    while (line != null) {
        System.out.println(line);
        line = br.readLine();
    }
    br.close();
} catch (IOException e) {
    System.out.println("Error: " + e);
}
```

friiz1337 - March 28, 2018, 5:23 pm

(Mar 28, 2018 05:06 PM)? Soufian ? Wrote: [\[CITE\]](#) Try this to read, it must work:

```
Code try {
    FileReader file = new FileReader("CourseDetails.txt");
    BufferedReader br = new BufferedReader(file);
    String line = br.readLine();

    while (line != null) {
        System.out.println(line);
        line = br.readLine();
    }
    br.close();
} catch (IOException e) {
    System.out.println("Error: " + e);
}
```

Doesn't work. And I have to change the string name since I've already defined it before.

What I want to do is whenever I type a text into that text area I want the text to be saved on a txt file and also to be read and shown by the text area. In short I want a text file(textarea) inside my program(frame)

(Mar 28, 2018 05:23 PM)friiz1337 Wrote: [\[CITE\]](#) Doesn't work. And I have to change the string name since I've already defined it before.

What I want to do is whenever I type a text into that text area I want the text to be saved on a txt file and also to be read and shown by the text area. In short I want a text file(textarea) inside my program(frame)

I've done the saving to a txt file part. But reading it and getting the output on the textarea is the big problem :/

friiz1337 - March 30, 2018, 11:35 am

Still struggling to figure out how to do it :/

RootFolder - March 31, 2018, 1:42 pm

Read from file

```
Code public static String readTextFromFile( String filepath ) throws IOException
{
```

```
BufferedReader reader = new BufferedReader( new FileReader( new File( filepath )));
StringBuilder textFromFile = new StringBuilder();
```

```
String line = "";
while( ( line = reader.readLine() ) != null )
{
    textFromFile.append( line + "\n" );
}
```

```
return textFromFile.toString();
}
```

Write to file

Code public static void writeToFile(String filepath, String textToWrite) throws IOException

```
{
    PrintWriter writer = new PrintWriter( new File( filepath ));
    writer.write( textToWrite );
    writer.close();
}
```

Frame, don't know why i threw that one in..

Spoiler ([Click to View](#))

Code public static void main(String[] args) throws Exception

```
{
    final String testFile = "test.txt";
    JFrame frame = new JFrame();
    JTextArea textArea = new JTextArea();
    JScrollPane scrollPane = new JScrollPane( textArea,
JScrollPane.VERTICAL_SCROLLBAR_ALWAYS,
JScrollPane.HORIZONTAL_SCROLLBAR_NEVER );
    JButton load = new JButton( "Load text from test.txt" );
    JButton save = new JButton( "Save to test.txt" );
    JPanel buttonPanel = new JPanel();
    buttonPanel.add( load );
    buttonPanel.add( save );

    frame.add( scrollPane, BorderLayout.CENTER );
    frame.add( buttonPanel, BorderLayout.SOUTH );
    load.addActionListener( new ActionListener() {
        public void actionPerformed((ActionEvent event) )
        {
            try
            {
                String text = readTextFromFile( testFile );
                textArea.setText( text );
                textArea.validate();
            }
            catch( IOException exception )
            {
                System.err.println( "Couldn't read from \'" + testFile + "\'");
                exception.printStackTrace();
            }
        }
    });
};
```

```

save.addActionListener( new ActionListener() {
    public void actionPerformed( ActionEvent event )
    {
        try
        {
            writeToFile( testFile, textArea.getText() );
        }
        catch( IOException exception )
        {
            System.err.println( "Couldn't write to \"" + testFile + "\"" );
            exception.printStackTrace();
        }
    }
});

frame.setSize( 500, 500 );
frame.setVisible( true );
}

```

Conejo - April 3, 2018, 9:46 am

You can try something like that

```

Code public class ReadFileExample1 {

    private static final String FILENAME = "E:\\test\\filename.txt";

    public static void main(String[] args) {

        BufferedReader br = null;
        FileReader fr = null;

        try {

            //br = new BufferedReader(new FileReader(FILENAME));
            fr = new FileReader(FILENAME);
            br = new BufferedReader(fr);

            String sCurrentLine;

            while ((sCurrentLine = br.readLine()) != null) {
                System.out.println(sCurrentLine);
            }

        } catch (IOException e) {

            e.printStackTrace();

        } finally {

            try {

```

```
if (br != null)
br.close();
```

```
if (fr != null)
fr.close();
```

```
} catch (IOException ex) {
```

```
ex.printStackTrace();
```

```
}
```

```
}
```

```
}
```

```
}
```