



<b>ID</b>	KIJ001374	<b>Creation date</b>	June 12, 2009
<b>Platform</b>	S60 5th Edition	<b>Devices</b>	Nokia 5800 XpressMusic
<b>Category</b>	Java ME	<b>Subcategory</b>	UI

**Keywords (APIs, classes, methods, functions):** TextBox.setMaxSize(int)

## Description

Starting from S60 3rd Edition, Feature Pack 2, it is possible to set TextBox to appear as a Pop-Up component in certain devices. This is done by using the JAR attribute and value `Nokia-UI-Enhancement : PopUpTextBox`.

`TextBox.setMaxSize(int)` can be used to set the maximum number of characters that the component can contain. If this limitation is set for a TextBox that contains an amount of characters that exceeds the maximum, the content of the TextBox will be truncated.

However, in S60 5th Edition, `setMaxSize(int)` for a Pop-Up TextBox does not have the desired effect.

## How to reproduce

1. Implement a test MIDlet with a Pop-Up TextBox. You can use, for example, the following source code:

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

public class SetMaxSizeTest extends MIDlet implements CommandListener{

    TextBox t;
    Display d;
    Command cmd;

    public SetMaxSizeTest(){

        t=new TextBox("Type here", "", 100, 2); // TextBox
        cmd = new Command("SetMaxSize to 2", Command.SCREEN, 0);
        t.addCommand(cmd);
        t.setCommandListener(this);
    }
}
```

```
        d=Display.getDisplay(this);
    }

    public void startApp() {

        d.setCurrent(t);
    }

    public void pauseApp() {
    }

    public void destroyApp(boolean unconditional) {
    }

public void commandAction(Command command, Displayable displayable)
{
if(command == cmd)
    try
    {
        t.setMaxSize(2); // maximum number of characters set to 2
    }
    catch(IllegalArgumentException iae)
    {
        Display.getDisplay(this).setCurrent(new Alert("Exception thrown", iae.getMessage()));
    }
}}
```

In addition to the code, include the following JAD attribute and its value in the JAD file:

```
Nokia-UI-Enhancement: PopUpTextBox
```

2. Launch the application and type text that exceeds the `setMaxSize(int)` limit (here: 2) into the `TextBox`.
3. Select the **SetMaxSize to 2** command. On the affected devices, the text that exceeds the set maximum is not truncated.

## Solution

This issue is expected to be fixed in future S60 5th Edition devices.