

JAVA EXAMPLES - CHECK STATUS OF ANTIALIASING

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

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Problem Description:

How to check whether antialiasing is enabled or not?

Solution:

Following example demonstrates how to check if antialiasing is turned on or not using RenderingHints Class.

```
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.RenderingHints;
import javax.swing.JComponent;
import javax.swing.JFrame;

public class Main {
    public static void main(String[] args) {
        JFrame frame = new JFrame();
        frame.add(new MyComponent());
        frame.setSize(300, 300);
        frame.setVisible(true);
    }
}

class MyComponent extends JComponent {
    public void paint(Graphics g) {
        Graphics2D g2 = (Graphics2D) g;
        RenderingHints rh = g2d.getRenderingHints();
        boolean bl = rh.containsKey
            (RenderingHints.VALUE_ANTIALIAS_ON);
        System.out.println(bl);
        g2.setRenderingHint(RenderingHints.
            KEY_ANTIALIASING, RenderingHints.VALUE_ANTIALIAS_ON);
    }
}
```

Result:

The above code sample will produce the following result.

```
False
False
False
```