

JTextArea中显示LineNumber PDF转换可能丢失图片或格式 ,
建议阅读原文

https://www.100test.com/kao_ti2020/206/2021_2022_JTextArea_E4_c104_206901.htm //package tryLineNumber.import

java.awt.BorderLayout. import java.awt.Dimension. import

java.awt.Graphics. import java.awt.Point. import

javax.swing.JFrame. import javax.swing.JTextArea.import

javax.swing.JPanel. import javax.swing.JScrollPane. //import

javax.swing.JTextPane. import

javax.swing.text.BadLocationException.import

javax.swing.text.Document. /** * A class illustrating running line
number count on JTextPane. Nothing is painted on the pane itself, *
but a separate JPanel handles painting the line numbers. * * @author
Daniel Sj?blom * Created on Mar 3, 2004 * Copyright (c) 2004 *
@version 1.0 */ public class LineNr extends JPanel { // for this simple
experiment, we keep the pane scrollpane as members. //JTextPane
pane. JTextArea pane. JScrollPane scrollPane. public LineNr() {
super(). setMinimumSize(new Dimension(30, 30)).

setPreferredSize(new Dimension(30, 30)). setMinimumSize(new
Dimension(30, 30)). //pane = new JTextPane() // we need to

override paint so that the linenumbers stay in sync pane = new

JTextArea() { public void paint(Graphics g) { super.paint(g).

LineNr.this.repaint(). } }. scrollPane = new JScrollPane(pane). }

public void paint(Graphics g) { super.paint(g). // We need to

properly convert the points to match the viewport // Read docs for

viewport int start

```
=pane.viewToModel(scrollPane.getViewport().getViewPosition()).
// starting pos in document int end = pane.viewToModel( new
Point( scrollPane.getViewport().getViewPosition().x
pane.getWidth(), scrollPane.getViewport().getViewPosition().y
pane.getHeight())). // end pos in doc // translate offsets to lines
Document doc = pane.getDocument(). int startline =
doc.getDefaultRootElement().getElementIndex(start) 1. int endline
= doc.getDefaultRootElement().getElementIndex(end) 1. int
fontHeight = g.getFontMetrics(pane.getFont()).getHeight(). int
fontDesc = g.getFontMetrics(pane.getFont()).getDescent(). int
starting_y = -1. try { starting_y = pane.modelToView(start).y -
scrollPane.getViewport().getViewPosition().y fontHeight -
fontDesc. } catch (BadLocationException e1) {
e1.printStackTrace(). } for (int line = startline, y = starting_y. line {
g.drawString(Integer.toString(line), 0, y). } } // test main public static
void main(String[] args) { JFrame frame = new JFrame().
frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE).
frame.getContentPane().setLayout(new BorderLayout()). final
LineNr nr = new LineNr(). frame.getContentPane().add(nr,
BorderLayout.WEST). frame.getContentPane().add(nr.scrollPane,
BorderLayout.CENTER). frame.pack(). frame.setSize(new
Dimension(400, 400)). frame.show(). } } 100Test 下载频道开通 ,
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```