Solution1:

public PrintFrameToPDF(JFrame bill) {

try {

Document d = new Document();

PdfWriter writer = PdfWriter.getInstance(d, new FileOutputStream ("sample.pdf"));

d.open ();

PdfContentByte cb = writer.getDirectContent( );

PdfTemplate template = cb.createTemplate(width, height);

Graphics2D g2d = template.createGraphics(width, height);

bill.print(g2d);

bill.addNotify();

bill.validate();

g2d.dispose();

d.close ();

}

catch(Exception e) {

//

}

}

Solution2:

public void PrintFrameToPDF(File file) {

try {

Document d = new Document();

PdfWriter writer = PdfWriter.getInstance(d, new FileOutputStream(file));

d.open();

PdfContentByte cb = writer.getDirectContent();

PdfTemplate template = cb.createTemplate(PageSize.A4.getWidth(),PageSize.A4.getHeight());

cb.addTemplate(template, 0, 0);

Graphics2D g2d = template.createGraphics(PageSize.A4.getWidth(),PageSize.A4.getHeight());

g2d.scale(0.4, 0.4);

for(int i=0; i< this.getContentPane().getComponents().length; i++){

Component c = this.getContentPane().getComponent(i);

if(c instanceof JLabel || c instanceof JScrollPane){

g2d.translate(c.getBounds().x,c.getBounds().y);

if(c instanceof JScrollPane){c.setBounds(0,0,(int)PageSize.A4.getWidth()\*2,(int)PageSize.A4.getHeight()\*2);}

c.paintAll(g2d);

c.addNotify();

}

}

g2d.dispose();

d.close();

} catch (Exception e) {

System.out.println("ERROR: " + e.toString());

}

}

Do you know java?  
  
A JFrame is a container, it can contain many things, what do you want to end up in the PDF file?  
  
new ObjectOutputStream("file.pdf").writeObject(frame);

???

**Solution 4:**

For Converting JFrame to PDF u need to go this way   
  
#1 Convert the JFrame to a JPEG/GIF , capture graphics and encode it   
#2 Create a PDF Blank doc using Java PDF libraries and insert the JPEG/GIF image in to it,   
# Save the PDF java Object to file( use PDF java library).   
  
  
If your Intention is just print out ( hard copy of a JFrame ) just use the Java printing.   
  
for printing hard copy do this   
  
PrinterJob pj = PrinterJob.getPrinterJob();  
            
PageFormat pageFormat = new PageFormat();  
//pageFormat.setOrientation(orientation);     //Landscape/Portrait change it   
pj.setPrintable(urJFrame,pageFormat);  
pj.print();

**Solution 5:**

|  |
| --- |
| Print JTable to Pdf directly |
| |  | | --- | |  | |
| |  | | --- | | **import**java.awt.BorderLayout; **import**java.awt.Graphics2D; **import**java.awt.Shape; **import**java.io.FileOutputStream;  **import**javax.swing.JFrame; **import**javax.swing.JPanel; **import**javax.swing.JTable;  **import**com.lowagie.text.Document; **import**com.lowagie.text.PageSize; **import**com.lowagie.text.pdf.PdfContentByte; **import**com.lowagie.text.pdf.PdfWriter;  **public class**JTable2Pdf **extends**JFrame {   **private**JTable table;    **public**JTable2Pdf() {     getContentPane().setLayout(**new**BorderLayout());     createTable();   }   **private void**createTable() {     Object[][] data = {{ "a", "b", "e", 4, **false**} };     String[] columnNames = { "A", "B", "C", "D", "E" };      table = **new**JTable(data, columnNames);      JPanel tPanel = **new**JPanel(**new**BorderLayout());     tPanel.add(table.getTableHeader(), BorderLayout.NORTH);     tPanel.add(table, BorderLayout.CENTER);      getContentPane().add(tPanel, BorderLayout.CENTER);   }   **private void**print() {     Document document = **new**Document(PageSize.A4.rotate());     **try**{       PdfWriter writer = PdfWriter.getInstance(document, **new**FileOutputStream("jTable.pdf"));        document.open();       PdfContentByte cb = writer.getDirectContent();        cb.saveState();       Graphics2D g2 = cb.createGraphicsShapes(500, 500);        Shape oldClip = g2.getClip();       g2.clipRect(0, 0, 500, 500);        table.print(g2);       g2.setClip(oldClip);        g2.dispose();       cb.restoreState();     } **catch**(Exception e) {       System.err.println(e.getMessage());     }     document.close();   }   **public static void**main(String[] args) {     JTable2Pdf frame = **new**JTable2Pdf();     frame.pack();     frame.setVisible(**true**);     frame.print();   } } | |