生成图表

1. 项目中添加jar文件



2. “图表按钮事件”

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| //获取表格数据 暂用psalelist  String charttitle= "商品销售统计";  String[] monthname = {"一月","二月","三月"};  ChartBuilder chart = new ChartBuilder(charttitle,psalelist); //psalelist为生成图表的数据集合  chart.pack();  chart.setVisible(true); |

3. ChartBuilder类：根据集合生成图表

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| @SuppressWarnings("serial")  public class ChartBuilder extends ApplicationFrame {  String title;  static List<ProductSale> list;//数据集合  public ChartBuilder(String title,List list) {  super(title);  this.title = title;  this.list = list;  this.setContentPane(createPanel());  }  private static CategoryDataset createDataSet() {  DefaultCategoryDataset dataset = new DefaultCategoryDataset();  // dataset.addValue(0.0, "冰箱", "1月");  // dataset.addValue(4.2, "冰箱", "2月");  // dataset.addValue(3.9, "冰箱", "3月");  //  // dataset.addValue(1.0, "彩电", "1月");  // dataset.addValue(5.2, "彩电", "2月");  // dataset.addValue(7.9, "彩电", "3月");  //  // dataset.addValue(2.0, "洗衣机", "1月");  // dataset.addValue(9.2, "洗衣机", "2月");  // dataset.addValue(8.9, "洗衣机", "3月");  for(ProductSale ps : list){  dataset.addValue(ps.getFirstmonth(), ps.getPname(),"1月");  dataset.addValue(ps.getSecondmonth(), ps.getPname(),"2月");  dataset.addValue(ps.getThirdmonth(), ps.getPname(),"3月");  }  return dataset;  }  private static JFreeChart createJFreeChart(CategoryDataset dataset) {  /\*\*  \* 构建JFreeChart  \*/  //创建主题样式  StandardChartTheme standardChartTheme = new StandardChartTheme("CN");  //设置标题字体  standardChartTheme.setExtraLargeFont(new Font("隶书", Font.BOLD, 20));  //设置图例的字体  standardChartTheme.setRegularFont(new Font("宋书", Font.PLAIN, 15));  //设置轴向的字体  standardChartTheme.setLargeFont(new Font("宋书", Font.PLAIN, 15));  //应用主题样式  ChartFactory.setChartTheme(standardChartTheme);  //生成柱状图表  JFreeChart jfreeChart = ChartFactory.createBarChart3D("商品销售统计",  "图例", "销售总金额", dataset, PlotOrientation.VERTICAL, true, false,false);  /\*\*  \* 设置JFreeChart的属性  \*/  jfreeChart.setTitle(new TextTitle("商品销售统计", new Font("宋体", Font.BOLD  + Font.ITALIC, 20)));  CategoryPlot plot = (CategoryPlot) jfreeChart.getPlot();  CategoryAxis categoryAxis = plot.getDomainAxis();  categoryAxis.setLabelFont(new Font("仿宋", Font.ROMAN\_BASELINE, 12));  return jfreeChart;  }  public static JPanel createPanel() {  JFreeChart chart = createJFreeChart(createDataSet());  return new ChartPanel(chart);  } |