

Java实现汉字转换为拼音计算机等级考试 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/646/2021\\_2022\\_Java\\_E5\\_AE\\_9E\\_E7\\_8E\\_B0\\_c97\\_646200.htm](https://www.100test.com/kao_ti2020/646/2021_2022_Java_E5_AE_9E_E7_8E_B0_c97_646200.htm) 本文的核心代码取自easydozer的blog:<http://blog.csdn.net/easydozer/> 代码说明：Java实现汉字转换为拼音的GUI版本。 GUI代码部分：/\*\* \*

```
@(#)CnToSpellGUI.java */ import java.awt.*. import
java.awt.event.*. import javax.swing.*. import javax.swing.event.*.
/** * * JDK版本 1.4 * @version 1.0 * @see * @since 1.0 */ public
class CnToSpell2GUI extends JFrame { private CnToSpell2GUI c =
null. public CnToSpell2GUI () { super("Cn to Spell").
setSize(800,100). getContentPane().setLayout(new FlowLayout()).
// component layout JTextArea from = new JTextArea(5,20).
JTextArea to = new JTextArea(5,20). JButton b = new JButton("cn
to pinyin"). getContentPane().add(new JLabel("From:")).
getContentPane().add(from). getContentPane().add(b).
getContentPane().add(new JLabel("To:")).
getContentPane().add(to). // action handle
b.addActionListener(new Cn2PinyinActionListener(from,to)).
setVisible(true). // set this for pack c = this. } /**button action
listener to convert text to pinyin from one textbox to another
textbox*/ class Cn2PinyinActionListener implements
ActionListener{ private JTextArea from = null. private JTextArea to
= null. public Cn2PinyinActionListener(JTextArea from, JTextArea
to) { this.from = from. this.to = to. } public void
actionPerformed(ActionEvent e) { if (from.getText().length() == 0)
```

```
{ JOptionPane.showMessageDialog(from,"From text is  
empty!","Warning",JOptionPane.WARNING_MESSAGE). } String  
text = from.getText(). to.setText(CnToSpell.getFullSpell(text)).  
c.pack(). } } public static void main(String [] args) { CnToSpell2GUI  
g = new CnToSpell2GUI(). } } 核心代码部分： * 描述：创建 */  
package com.easydozer.commons.util. import java.util.Iterator.  
import java.util.LinkedHashMap. import java.util.Set. public class  
CnToSpell { private static LinkedHashMap spellMap = null. static {  
if(spellMap == null){ spellMap = new LinkedHashMap(400). }  
initialize(). System.out.println("Chinese transfer Spell Done."). }  
private CnToSpell() { } private static void spellPut(String spell,int  
ascii) { spellMap.put(spell,new Integer(ascii)). } private static void  
initialize() { spellPut("a", -20319). spellPut("ai", -20317).  
spellPut("an", -20304). spellPut("ang", -20295). spellPut("ao",  
-20292). spellPut("ba", -20283). spellPut("bai", -20265).  
spellPut("ban", -20257). 100Test 下载频道开通，各类考试题目  
直接下载。 详细请访问 www.100test.com
```