

从GB2312到Unicode转换表制作程式 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/220/2021_2022_E4_BB_8EB2312_E5_c67_220259.htm 简体中文有两种常用编码：GB2312 和 Unicode。它们的对应关系可以用下面的程式所生成：

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/** * GB2312Unicde.java * Copyright (c) 2003 by Dr. Herong Yang, * http://www.herongyang.com/ */ import java.io.*; import java.nio.*; import java.nio.charset.*; class GB2312Unicde { static OutputStream out = null; static char hexDigit[] = {0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F}; static int b_out[] = {201, 267, 279, 293, 484, 587, 625, 657, 734, 782, 827, 874, 901, 980, 5590}; static int e_out[] = {216, 268, 280, 294, 494, 594, 632, 694, 748, 794, 836, 894, 903, 994, 5594}; public static void main(String[] args) { try { out = new FileOutputStream("gb2312.gb"); writeCode(); out.close(); } catch (IOException e) { System.out.println(e.toString()); } } public static void writeCode() throws IOException { boolean reserved = false; String name = null; // GB2312 is not supported by JDK. So I am using GBK. CharsetDecoder gbdc = Charset.forName("GBK").newDecoder(); CharsetEncoder uxec = Charset.forName("UTF-16BE").newEncoder(); CharsetEncoder u8ec = Charset.forName("UTF-8").newEncoder(); ByteBuffer gbbb = null; ByteBuffer uxbb = null; ByteBuffer u8bb = null; CharBuffer cb = null; int count = 0; for (int i=1; i<1 amp; i<10 amp; i<16 amp; i<56 amp; i<88 amp; i") { writeNumber(i); writeString(" Row: " + name); writeln(); writeString(""); writeln(); if (!reserved) { writeln(); writeHeader(); // looping through all characters in one row for (int j=0; j<count; j++) { if (gbdc.decode(uxbb, u8bb, true).isUnderflow()) { u8ec.encode(u8bb, cb, true); cb.flip(); while (cb.hasRemaining()) { u8ec.encode(cb, u8bb, true); } } else { gbbb.put((byte)hexDigit[uxbb.get() & 0xf]); gbbb.put((byte)hexDigit[uxbb.get() & 0xf0 >> 4]); } } writeln(); } } } } }
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j=1. j> 4) amp. 0x0F]. } public static void writeHeader() throws IOException { writeString(""). writeln(). writeString("Q.W."). writeGBSpace(). writeString(" GB Uni. UTF-8 "). writeString(" "). writeString("Q.W."). writeGBSpace(). writeString(" GB Uni. UTF-8 "). writeln(). writeln(). } public static void writeFooter() throws IOException { writeString(""). writeln(). } public static boolean validGB(int i,int j) { for (int l=0. l=b_out[l] amp. i*100 j程式输出的例表格式如下： Q.W. GB Uni. UTF-8 Q.W. GB Uni. UTF-8 1601 啊 B0A1 554A E5958A 1602 阿 B0A2 963F E998BF 1603 埃 B0A3 57C3 E59F83 1604 挨 B0A4 6328 E68CA8 1605 吱 B0A5 54CE E5938E 1606 唉 B0A6 5509 E59489 1607 哀 B0A7 54C0 E59380 1608 皚 B0A8 7691 E79A91 1609 癌 B0A9 764C E7998C 1610 蔽 B0AA 853C E894BC 1611 矮 B0AB 77EE E79FAE 1612 艾 B0AC 827E E889BE 1613 碍 B0AD 788D E7A28D 1614 爰 B0AE 7231 E788B1 1615 隘 B0AF 9698 E99A98 1616 鞍 B0B0 978D E99E8D 1617 氛 B0B1 6C28 E6B0A8 1618 安 B0B2 5B89 E5AE89 1619 僴 B0B3 4FFA E4BFBA 1620 按 B0B4 6309 E68C89 1621 暗 B0B5 6697 E69A97 1622 岸 B0B6 5CB8 E5B2B8 1623 腺 B0B7 80FA E883BA 1624 案 B0B8 6848 E6A188 1625 肱 B0B9 80AE E882AE 1626 昂 B0BA 6602 E69882 1627 盍 B0BB 76CE E79B8E 1628 凹 B0BC 51F9 E587B9 1629 敖 B0BD 6556 E69596 1630 熬 B0BE 71AC E786AC 1631 翩 B0BF 7FF1 E7BFB1 1632 衤 B0C0 8884 E8A284 1633 傲 B0C1 50B2 E582B2 1634 奥 B0C2 5965 E5A5A5 1635 懊 B0C3 61CA E6878A 1636 澳 B0C4 6FB3 E6BEB3 100Test 下载频道开通，各类考试题目直接下载。详细请访问