あ"あ・い() あ Ryumin-Light あ"あ・い← IPA明朝 (ipam) あ"あ・い← KozMinPr6N-Regular あ"あ・い← IPA P明朝 (ipamp) あ 123 \relax

ここからは、欧文文字フォントは IPA EX ゴシック

■ 文字範囲の代入/取得テスト

「ô」は9番の文字範囲なので、和文扱いのはず iso8859-1 和文扱い:0§¶° \pounds ¥ ô iso8859-1 欧文扱い:1§¶° \pounds ¥ ô 標準:1§¶° \pounds ¥ ô

■ 文字範囲の状況取得

010

■ 文字コード→文字範囲 -1689-1217

あ a 1 ← CFFFF 欧文扱いあ あ 0 ← CFFFF 和文扱い

■ Ticket #25121

あられか き く け ごはま a あいうえおかきくけこさしすせそ あいうえおさしすせそ

以下は JFM グルー挿入検証

■ JA-JA (pen なし) 49 whatsit 8 userid:4 (direction) (node list) dir: 4 4B glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 あ 69 (8.8+1.2)x10.0 4 kern 1 20.0pt (from JFM: priority 0) あ ア 49 glyph 256 ア 69 (8.8+1.2)x10.0 49 whatsit 8 userid:4 (direction) (node list) dir: 4 4B glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 あ 69 (8.8+1.2)x10.0 44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) 49 glyph 256 1 69 (8.8+1.2)x10.0 あイ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 4B glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 **5** 69 (8.8+1.2)x10.0 28 glue 0 14.1pt (from JFM: priority 36) 49 glyph 256 ウ 69 (8.8+1.2)x10.0 あ ウ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 11 69 (8.8+1.2)x10.0 4 kern 1 20.0pt (from JFM: priority 0) 49 glyph 256 \mathcal{P} 69 (8.8+1.2)x10.0 L١ ァ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 11 69 (8.8+1.2)x10.0 44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) 49 glyph 256 1 69 (8.8+1.2)x10.0 いイ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 1 69 (8.8+1.2)x10.0 28 glue 0 14.1pt (from JFM: priority 36) ゥ L١ 49 glyph 256 ウ 69 (8.8+1.2)x10.0 ■ JA-EN (pen なし) 49 whatsit 8 userid:4 (direction) (node list) dir: 4 48 glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 **5** 69 (8.8+1.2)x10.0 4 kern 1 12.2pt (from JFM: priority 0) あ 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 а 49 whatsit 8 userid:4 (direction) (node list) dir: 4 4B glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 あ 69 (8.8+1.2)x10.0 4 kern 1 12.2pt (from JFM: priority 0) 49 glyph 256 (68 (7.6709+1.82129)x3.33008 あ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 48 glue 0 9.4pt plus 2.3pt minus 4.5pt 49 glyph 256 **5** 69 (8.8+1.2)x10.0 4 kern 1 12.3pt (from JFM: priority 0) あ 49 glyph 256) 68 (7.6709+1.82129)x3.33008 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 \$\mathbf{l}\$ 69 (8.8+1.2)x10.0 46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) l1a 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 \eth 69 (8.8+1.2)x10.0 28 glue 0 17.4pt (from JFM: priority 36) う а 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 $\vec{\textbf{A}}$ 69 (8.8+1.2)x10.0 4 kern 1 17.4pt (from JFM: priority 0) 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 え а 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 お 69 (8.8+1.2)x10.0 46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 おa ■ EN-JA (pen なし) 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 28 glue 0 5.1pt (from JFM: priority 36) 49 glyph 256 あ 69 (8.8+1.2)x10.0 aあ 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 (68 (7.6709+1.82129)x3.33008 3 penalty 0 10000 (for kinsoku) 28 glue 0 5.2pt (from JFM: priority 36) (あ 49 glyph 256 あ 69 (8.8+1.2)x10.0 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256) 68 (7.6709+1.82129)x3.33008 28 glue 0 5.1pt (from JFM: priority 36))あ 49 glyph 256 あ 69 (8.8+1.2)x10.0 49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 a 68 (5.2002+0.03906)x5.49805 28 glue 0 14.2pt (from JFM: priority 36) 49 glyph 256 ll 69 (8.8+1.2)x10.0 L١

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49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                               4 kern 1 20.1pt (from JFM: priority 0)
49 glyph 256 う 69 (8.8+1.2)x10.0
           う
а
■ JA-明 kern (pen なし)
                                                ,
49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                                4 kern 1 12.4pt (from JFM: priority 0)
    あ
                                               49 kern 1 3.0pt
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 1 69 (8.8+1.2)x10.0
L١
                                                49 kern 1 3.0pt
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 \ni 69 (8.8+1.2)x10.0 3 penalty 0 10000 (for kinsoku)
                                                28 glue 0 17.7pt (from JFM: priority 36)
う
                                               49 kern 1 3.0pt
■ 明 kern-JA (pen なし)
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 kern 1 3.0pt
                                               3 penalty 0 10000 (for kinsoku)
28 glue 0 5.3pt (from JFM: priority 36)
    あ
                                                49 glyph 256 あ 69 (8.8+1.2)x10.0
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                49 kern 1 3.0pt
                                               3 penalty 0 10000 (for kinsoku)
                                                   glue 0 14.4pt (from JFM: priority 36)
       L١
                                                49 glyph 256 1 69 (8.8+1.2)x10.0
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 kern 1 3.0pt
4 kern 1 20.3pt (from JFM: priority 0)
49 glyph 256 3 69 (8.8+1.2)x10.0
          う
■ JA-hbox (pen なし)
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
3 penalty 0 0 (for kinsoku)
                                               4 kern 1 12.1pt (from JFM: priority 0)
49 hlist 2 (0.0+0.0)x0.0, dir=0
    あ
                                                .49 whatsit 8 userid:4 (direction) (node list) dir:
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                49 glyph 256 1 69 (8.8+1.2)x10.0
                                                3 penalty 0 0 (for kinsoku)
                                                49 hlist 2 (0.0+0.0)x0.0, dir=0
L١
                                                .49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                49 glyph 256 う 69 (8.8+1.2)x10.0
                                               28 glue 0 17.3pt (from JFM: priority 36) 49 hlist 2 (0.0+0.0)x0.0, dir=0
う
                                                 .49 whatsit 8 userid:4 (direction) (node list) dir:
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 \vec{\textbf{A}} 69 (8.8+1.2)x10.0
                                                3 penalty 0 0 (for kinsoku)
                                               4 kern 1 17.3pt (from JFM: priority 0) 49 hlist 2 (0.0+0.0)x0.0, dir=0
え
                                                .49 whatsit 8 userid:4 (direction) (node list) dir:
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
4 kern 1 12.1pt (from JFM: priority 0)
49 hlist 2 (8.8+1.2)x10.0, dir=0
                                                .49 whatsit 8 userid:4 (direction) (node list) dir: 4
             ァ
                                                .49 glyph 256 \mathcal{P} 69 (8.8+1.2)x10.0
    あ
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               48 glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 5 69 (8.8+1.2)x10.0
4 kern 1 12.2pt (from JFM: priority 0)
                                               49 hlist 2 (5.2002+0.03906)x5.49805, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir: 4
    あ
                                                .49 glyph 256 a 68 (5.2002+0.03906)x5.49805
             а
                                                49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 ll 69 (8.8+1.2)x10.0
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
49 hlist 2 (5.2002+0.03906)x5.49805, dir=0
                                                .49 whatsit 8 userid:4 (direction) (node list) dir: 4
lla
                                                .49 glyph 256 a 68 (5.2002+0.03906)x5.49805
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| hbox-JA (pen なし) | 49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 3 penalty 0 0 (for kinsoku) | | 49 glyph 256 あ 69 (8.8+1.2)x10.0 | | 49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 28 glue 0 14.1pt (from JFM: priority 36) | | 49 glyph 256 1 69 (8.8+1.2)x10.0 | | 49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 49 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 40 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 40 hlist 2 (0.0+0.0)x0.0, dir=0 | | .49 whatsit 8 userid:4 (direction) (node list) dir: 4 | | 40 hlist 2 (0.0+0.0)x0.0 | | 40 glyph 256 3 69 (8.8+1.2)x10.0 |

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■ JA-JA (pen あり)
                                                        49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
4 kern 1 20.0pt (from JFM: priority 0)
49 glyph 256 ア 69 (8.8+1.2)x10.0
    あ
                    ア
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                        48 glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
    あイ
                                                         49 glyph 256 イ 69 (8.8+1.2)x10.0
                                                        49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                         28 glue 0 14.1pt (from JFM: priority 36)
49 glyph 256 ウ 69 (8.8+1.2)x10.0
    あ
                 ゥ
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         49 glyph 256 1 69 (8.8+1.2)x10.0
                                                         4 kern 1 20.0pt (from JFM: priority 0) 49 glyph 256 \mathcal{P} 69 (8.8+1.2)x10.0
L١
               ァ
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                        49 glyph 256 ll 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
いイ
                                                         49 glyph 256 1 69 (8.8+1.2)x10.0
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         49 glyph 256 | | 69 (8.8+1.2)x10.0
                                                        L١
            ゥ
■ JA-EN (pen あり)
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         48 glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 5 69 (8.8+1.2)x10.0
4 kern 1 12.2pt (from JFM: priority 0)
    あ
               а
                                                         49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 ll 69 (8.8+1.2)x10.0
                                                        3 penalty 0 123 (for kinsoku)
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
lla
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 5 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                         28 glue 0 17.4pt (from JFM: priority 36)
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
う
              а
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         49 glyph 256 え 69 (8.8+1.2)x10.0
                                                         4 kern 1 17.4pt (from JFM: priority 0)
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
え
              а
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 お 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                        46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
お a
■ EN-JA (pen あり)
                                                        49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
3 penalty 0 321 (for kinsoku)
28 glue 0 5.1pt (from JFM: priority 36)
49 glyph 256 あ 69 (8.8+1.2)x10.0
a あ
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         49 glyph 256 a 68 (5.2002+0.03906)x5.49805
3 penalty 0 892 (for kinsoku)
                                                         28 glue 0 14.2pt (from JFM: priority 36)
49 glyph 256 ll 69 (8.8+1.2)x10.0
         11
                                                         49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                         49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                         4 kern 1 20.1pt (from JFM: priority 0)
49 glyph 256 う 69 (8.8+1.2)x10.0
             う
■ JA-hbox (pen あり)
                                                        49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                        4 kern 1 12.1pt (from JFM: priority 0)
49 hlist 2 (0.0+0.0)x0.0, dir=0
    あ
                                                          .49 whatsit 8 userid:4 (direction) (node list) dir: 4
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49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                             49 glyph 256 ll 69 (8.8+1.2)x10.0
                                                             3 penalty 0 123 (for kinsoku)
49 hlist 2 (0.0+0.0)x0.0, dir=0
L١
                                                               49 whatsit 8 userid:4 (direction) (node list) dir:
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 5 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                             28 glue 0 17.3pt (from JFM: priority 36)
                                                             49 hlist 2 (0.0+0.0)x0.0, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir:
う
                                                            49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 え 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
4 kern 1 17.3pt (from JFM: priority 0)
                                                             49 hlist 2 (0.0+0.0)x0.0, dir=0
え
                                                            .49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                                             4 kern 1 12.1pt (from JFM: priority 0)
49 hlist 2 (8.8+1.2)x10.0, dir=0
                                                             .49 whatsit 8 userid:4 (direction) (node list) dir: 4
.49 glyph 256 $\mathcal{P}$ 69 (8.8+1.2)x10.0
     あ
                 ァ
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                             4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                                             49 kgrn 12.2pt (from JFM: priority 0)
49 hlist 2 (5.2002+0.03906)x5.49805, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir: 4
     あ
                 а
                                                              .49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                             49 glyph 256 l\ 69 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
                                                             49 hlist 2 (5.2002+0.03906)x5.49805, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir: 4
lla
                                                              .49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 hlist 2 (8.8+1.2)x10.0, dir=0
                                                             .49 whatsit 8 userid:4 (direction) (node list) dir: 4 .49 glyph 256 ( 69 (8.8+1.2)x10.0
                                                             28 glue 0 14.1pt (from JFM: priority 36)
49 glyph 256 l 9 (8.8+1.2)x10.0
                                                             3 penalty 0 123 (for kinsoku)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 hlist 2 (8.8+1.2)x10.0, dir=0
                                                              .49 whatsit 8 userid:4 (direction) (node list) dir: 4
            (1)
                                                              .49 glyph 256 ) 69 (8.8+1.2)x10.0
■ hbox-JA (pen あり)
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                             49 hlist 2 (0.0+0.0)x0.0, dir=0
                                                             .49 whatsit 8 userid:4 (direction) (node list) dir: 4 3 penalty 0 0 (for kinsoku)
あ
                                                             49 glyph 256 あ 69 (8.8+1.2)x10.0
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 hlist 2 (0.0+0.0)x0.0, dir=0
                                                             .49 whatsit 8 userid:4 (direction) (node list) dir: 4 3 penalty 0 571 (for kinsoku)
                                                             28 glue 0 14.1pt (from JFM: priority 36)
49 glyph 256 bl 69 (8.8+1.2)x10.0
        L١
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                            49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 hlist 2 (0.0+0.0)x0.0, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir: 4
3 penalty 0 0 (for kinsoku)
4 kern 1 20.0pt (from JFM: priority 0)
49 glyph 256 5 69 (8.8+1.2)x10.0
            う
■ italic correction
                                                             49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                             49 glyph 256 f 37 (6.94444+1.94444)x3.06665
4A kern 3 2.11945pt (italic correction)
                                                            4A kern 3 2.11945pt (Italic correction)
3 penalty 0 123 (for kinsoku)
47 glue 0 0.0pt plus 1.0pt (xkanjiskip, JFM specified)
28 glue 0 5.0pt minus 5.0pt (from JFM: priority 36)
2 hlist 0 (8.8+1.2)x5.0, dir=0 (packed)
.0 glyph 256 ( 66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
                                                             4A kern 3 0.0pt (italic correction)
3 penalty 0 10000 (for kinsoku)
                                                             45 glue 0 0.0pt minus 0.4pt (kanjiskip, JFM specified) 16C glue 0 0.0pt
                                                             2 hlist 0 (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 あ 66 (8.11035+0.36133)x8.99902
f (\delta
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[x]kanjiskip の挿入

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■ kanjiskip from JFM, autospacing (JA–JA)
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                               44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 あ 69 (8.8+1.2)x10.0
    ああ
                                              49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
45 glue 0 1.0pt plus 0.4pt minus 0.5pt (kanjiskip, JFM specified)
49 glyph 256 あ 69 (8.8+1.2)x10.0
    ああ
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 は 72 (10.56+1.44)x12.0
45 glue 0 1.1pt plus 0.44pt minus 0.55pt (kanjiskip, JFM specified)
はぁ
                                               49 glyph 256 あ 69 (8.8+1.2)x10.0
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                               44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 あ 69 (8.8+1.2)x10.0
                                               44 glue 0 0.0pt (kanjiskip)
    あああ
                                               49 glyph 256 あ 69 (8.8+1.2)x10.0
\blacksquare kanjiskip from JFM/autoxspacing (JA–EN)
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 ま 69 (8.8+1.2)x10.0
                                               46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
49 glyph 256 x 68 (5.07813+0.0)x4.8877
ま x
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 ま 69 (8.8+1.2)x10.0
                                               46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
ŧ x
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 ± 69 (8.841.2)x10.0
46 glue 0 0.0pt (xkanjiskip)
49 glyph 256 x 68 (5.07813+0.0)x4.8877
ŧχ
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 ま 69 (8.8+1.2)x10.0
                                               47 glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip, JFM specified) 49 glyph 256 x 68 (5.07813+0.0)x4.8877
ŧ x
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 $\pi$ 69 (8.8+1.2)x10.0
46 glue 0 0.0pt (xkanjiskip)
ŧх
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 ₹ 69 (8.8+1.2)x10.0
46 glue 0 0.0pt (xkanjiskip)
ŧх
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
\blacksquare xkanjiskip from JFM/autoxspacing (EN-JA)
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
хŧ
                                               49 glyph 256 $ 69 (8.8+1.2)x10.0
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 x 68 (5.07813+0.0)x4.8877
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
хŧ
                                               49 glyph 256 ま 69 (8.8+1.2)x10.0
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
                                                   glue 0 0.0pt (xkanjiskip)
хŧ
                                               49 glyph 256 $ 69 (8.8+1.2)x10.0
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 449 glyph 256 x 68 (5.07813+0.0)x4.8877
                                               49 glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip, JFM specified) 49 glyph 256 ま 69 (8.8+1.2)x10.0
хŧ
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 x 68 (5.07813+0.0)x4.8877
                                               46 glue 0 0.0pt (xkanjiskip)
49 glyph 256 $ 69 (8.8+1.2)x10.0
хŧ
                                               49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
                                               46 glue 0 0.0pt (xkanjiskip)
49 glyph 256 ま 69 (8.8+1.2)x10.0
                                               44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 🕏 69 (8.8+1.2)x10.0
                                                   glue 0 0.0pt (xkanjiskip)
xまおx
                                               49 glyph 256 x 68 (5.07813+0.0)x4.8877
```

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■ more than one penalty
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                          49 glyph 256 お 69 (8.8+1.2)x10.0
                                                          49 penalty 0 1701
49 penalty 0 1701
                                                          49 penalty 0 1701
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 ll 69 (8.8+1.2)x10.0
おい
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                          49 glyph 256 お 69 (8.8+1.2)x10.0
49 penalty 0 1701
                                                          49 penalty 0 1701
49 penalty 0 1701
                                                          44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 お 69 (8.8+1.2)x10.0
おお
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                          48 glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 5 69 (8.8+1.2)x10.0
49 penalty 0 1701
                                                          49 penalty 0 1701
49 penalty 0 1701
                                                          44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 1 69 (8.8+1.2)x10.0
     あい
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 5 69 (8.8+1.2)x10.0
49 penalty 0 1701
49 penalty 0 1701
                                                          49 penalty 0 1701
                                                          44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
     あお
                                                          49 glyph 256 お 69 (8.8+1.2)x10.0
■ その他: italic correction and accents
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                          29 whatsit o (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 あ 66 (8.11035+0.36133)x8.99902
4A kern 3 0.0pt (italic correction)
                                                          46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
49 glyph 256 j 1 (6.67859+1.94444)x3.05557
あ j
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4 2 hlist 0 (8.8+1.2)x5.0, dir=0 (packed)
                                                          .0 glyph 256 ) 66 (8.32031+0.71777)x5.09766
4A kern 3 0.0pt (italic correction)
                                                          16C glue 0 5.0pt minus 5.0pt
49 glyph 256 j 1 (6.67859+1.94444)x3.05557
) j
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 1 69 (8.8+1.2)x10.0
                                                          49 glyph 256 7t 69 (8.841.2)x10.0

46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)

49 kern 2 1.25pt (for accent)

49 hlist 0 (6.28473+0.0)x5.00002, dir=0, shifted -2.52777

.0 glyph 0 ~ 1 (6.28473+0.0)x5.00002

49 kern 2 -6.25002pt (for accent)
                                                          49 glyph 256 A 1 (6.83331+0.0)x7.50002
3 penalty 0 10000 (for kinsoku)
                                                          46 glue 0 0.0pt (xkanjiskip)
49 glyph 256 ) 69 (8.8+1.2)x10.0
れĂ)
■ その他: box boundary
                                                           49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                          4B glue 0 10.3pt
                                                          4B glue 0 10.3pt

49 glyph 256 か 69 (8.8+1.2)x10.0

44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

49 glyph 256 あ 69 (8.8+1.2)x10.0

44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

49 glyph 256 か 69 (8.8+1.2)x10.0
     かあか
                                                          4B kern 1 8.5pt
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4 49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                          46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) 49 glyph 512 か 69 (8.8+1.2)x10.0
                                                          44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 512 あ 69 (8.8+1.2)x10.0
                                                          44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 512 ħ 69 (8.8+1.2)x10.0
46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
a かあか a
                                                          49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                          49 whatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 a 68 (5.2002+0.03906)x5.49805
                                                          49 hlist 2 (8.8+1.2)x28.8, dir=0
                                                           .49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                           .48 glue 0 10.3pt
.49 glyph 256 $\delta$ 69 (8.8+1.2)x10.0
.4B kern 1 8.5pt
     かa
                                                          49 glyph 256 a 68 (5.2002+0.03906)x5.49805
```

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### 49 shatsit 8 userid:4 (direction) (node list) dir: 4
49 glyph 256 **26 (8.8+1.2)x10.0
3 penalty 0 0 (for kinsoku)
49 hlist 2 (8.8+1.2)x28.8, dir=0
.49 whatsit 8 userid:4 (direction) (node list) dir: 4
.48 glue 0 10.3pt
.49 glyph 256 **26 (8.8+1.2)x10.0
.48 kern 1 8.5pt
3 penalty 0 0 (for kinsoku)
49 glyph 256 **26 (8.8+1.2)x10.0
.49 klyph 256 **26 (8.8+1.2)x10.0
.40 klyph 256 **26 (8.8+1.2)x10.0
.40 whatsit 8 userid:4 (direction) (node list) dir: 4
.49 glyph 256 **26 (8.8+1.2)x10.0
.40 whatsit 8 userid:4 (direction) (node list) dir: 4
.49 glyph 256 **26 (8.8+1.2)x10.0
.40 whatsit 8 userid:4 (direction) (node list) dir: 4
.49 glyph 256 **26 (8.8+1.2)x10.0
.40 whatsit 8 userid:4 (direction) (node list) dir: 4
.40 plus 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
.40 glyph 256 **36 (8.110)35+0.36133)x8.99902
3 penalty 0 1000 (for kinsoku)
.40 glyph 256 (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 (8.8+1.2)x5.0, dir=0
.40 whatsit 8 userid:4 (direction) (node list) dir: 4
.2 hlist 0 (8.8+1.2)x5.0, dir=0
.40 glyph 256 (56 (8.82031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 1000 (for kinsoku)
.44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 hlist 0 (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 & 36 (8.11035+0.36133)x8.99902
3 penalty 0 1000 (for kinsoku)
.45 glue 0 0.0pt plus 0.4pt (kanjiskip, JFM specified)
.8 glue 0 5.0pt minus 5.0pt (from JFM: priority 36)
2 hlist 0 (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 (66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 1000 (for kinsoku)
.45 glue 0 0.0pt plus 0.4pt (kanjiskip, JFM specified)
.8 glue 0 0.0pt minus 5.0pt (from JFM: priority 36)
2 hlist 0 (8.8+1.2)x10.0, dir=0 (packed)
.0 glyph 256 (66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 10000 (for kinsoku)
.0 glyph 256 (66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 10000 (for kinsoku)
.0 glyph 256 (66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 10000 (for kinsoku)
.0 glyph 256 (66 (8.32031+0.71777)x5.09766 off: (-0.09766,0.0)
3 penalty 0 10000 (da kins) 2
```

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■ その他: paragraph, hbox and math boundary
                                                           0 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                           0 local_par nil
0 hlist 3 (0.0+0.0)x19.2, dir=0
                                                           0 hist 3 (0.040.0)xis.2, air=0

4B glue 0 6.8pt plus 0.2pt minus 0.4pt

49 glyph 256 ħ 69 (8.8+1.2)xi0.0

3 penalty 0 500 (for kinsoku)

44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

49 glyph 256 T 69 (8.8+1.2)xi0.0
                                                           49 penalty 2 10000
0 glue 15 30.0pt
                  か
                                I
                                                           0 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                           O Nordal par nil
4B glue 0 10.3pt
49 glyph 256 \hat{m} 69 (8.8+1.2)x10.0
3 penalty 0 500 (for kinsoku)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 \hat{T} 69 (8.8+1.2)x10.0
                                                            49 penalty 2 10000
                                                           0 glue 15 30.0pt
     か
                               I
                                                           0 glue 9 0.0pt
                                                            49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                            4B glue 0 10.3pt
                                                            49 glyph 256 ħ 69 (8.8+1.2)x10.0
                                                           44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
49 glyph 256 I 69 (8.8+1.2)x10.0
     かエ
                                                            4B glue 0 7.8pt
                                                           49 whatsit 8 userid:4 (direction) (node list) dir: 4
4B glue 0 9.4pt plus 2.3pt minus 4.5pt
49 glyph 256 あ 69 (8.8+1.2)x10.0
28 glue 0 12.5pt plus 4.3pt minus 8.7pt (from JFM: priority 36)
49 math 0
                                                            49 glyph 256 a 7 (4.30554+0.0)x5.28589
                                                            49 math 1
                                                           28 glue 0 6.8pt plus 0.2pt minus 0.4pt (from JFM: priority 36) 49 glyph 256 ♂ 69 (8.8+1.2)x10.0
                                                           46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) 49 math 0
                                                            49 glyph 256 a 7 (4.30554+0.0)x5.28589
                                                            49 math 1
                                                           46 glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) 49 glyph 256 か 69 (8.8+1.2)x10.0
             a さaか
                                                            4B kern 1 8.5pt
■ その他: unhbox の連続
                                                           49 whatsit 8 userid:4 (direction) (node list) dir: 4 2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
                                                           O glyph 256 ) 51 (8.00594+0.69066)x9.62216
16C glue 0 4.81108pt minus 4.81108pt
49 glyph 512 a 68 (5.2002+0.03906)x5.49805
) a
                                                            49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                           2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
.0 glyph 256 ) 51 (8.00594+0.69066)x9.62216
                                                           16C glue 0 4.81108pt minus 4.81108pt
16C glue 0 4.81108pt minus 4.81108pt
)
       а
                                                            49 glyph 512 a 68 (5.2002+0.03906)x5.49805
                                                            49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                           2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
.0 glyph 256 ( 51 (8.00594+0.69066)x9.62216 off: (-4.81108,0.0)
                                                           3 penalty 0 10000 (for kinsoku)
45 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip, JFM specified)
28 glue 0 0.0pt (from JFM: priority 36)
2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
                                                           2 hilst 0 (6.46/341.15460)x4-63106, dif-0 (packed)
.0 glyph 256 ) 51 (8.00594+0.69066)x9.62216
45 glue 0 0.0pt plus 0.4pt (kanjiskip, JFM specified)
28 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 36)
2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
.0 glyph 256 ( 51 (8.00594+0.69066)x9.62216 off: (-4.81108,0.0)
                                                           3 penalty 0 10000 (for kinsoku)
45 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip, JFM specified)
                                                           28 glue 0 0.0pt (from JFM: priority 36)
2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
                                                           () () []
                                                             .0 glyph 256 」 51 (6.29105+0.63428)x9.62216
```

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49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 rule 3 (8.4675+1.15466)x0.0, dir=0
                                                       49 glyph 256 あ 51 (7.61128+0.31009)x9.62216
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
                                                       2 rule 3 (8.4675+1.15466)x0.0, dir=0
あい
                                                       49 glyph 256 11 51 (6.69511+0.0)x9.62216
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 rule 3 (8.4675+1.15466)x0.0, dir=0
49 glyph 256 5 51 (7.61128+0.31009)x9.62216
                                                       4 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) 2 rule 3 (8.4675+1.15466)x0.0, dir=0
あい
                                                       49 glyph 256 ll 51 (6.69511+0.0)x9.62216
■ その他:「前由来」「後由来」JFM 由来グルー
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 rule 3 (8.4675+1.15466)x0.0, dir=0
                                                       49 glyph 256 あ 51 (7.61128+0.31009)x9.62216
28 glue 0 2.40555pt minus 2.40555pt (from JFM: priority 36)
                                                       2 hlist 0 (4.23375+0.57733)x2.40555, dir=0 (packed)
                                                        .0 glyph 256 ( 53 (4.00298+0.34532)x4.81108 off: (-2.40553,0.0)
あ
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 rule 3 (4.23375+0.57733)x0.0, dir=0
                                                       49 glyph 256 あ 53 (3.80563+0.15504)x4.81108
                                                      28 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 36)
2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
.0 glyph 256 ( 51 (8.00594+0.69066)x9.62216 off: (-4.81108,0.0)
ъ (
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                      2 hlist 0 (4.23375+0.57733)x2.40555, dir=0 (packed)
.0 glyph 256 . 53 (0.68831+0.0047)x4.81108
                                                       3 penalty 0 10000 (for kinsoku)
31 glue 0 4.81108pt minus 1.6037pt (from JFM: priority 45)
                                                       2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
                                                        .0 glyph 256 • 51 (4.35065+0.0)x9.62216 off: (-2.40553,0.0)
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 hlist 0 (8.4675+1.15466)x4.81108, dir=0 (packed)
.0 glyph 256 . 51 (1.3766+0.0094)x9.62216
                                                       3 penalty 0 10000 (for kinsoku)
                                                       31 glue 0 6.01385pt minus 2.00462pt (from JFM: priority 45) 2 hlist 0 (4.23375+0.57733)x2.40555, dir=0 (packed)
                                                        .0 glyph 256 · 53 (2.17532+0.0)x4.81108 off:
                                                                                                                             (-1.20276,0.0)
■ その他: JFM and kerning
                                                       49\ \mbox{whatsit} 8 userid:4 (direction) (node list) dir: \ 4
                                                       49 whatsi o userid:4 (direction) (n
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 9 73 (8.12+0.44)x10.0
4A kern 1 -0.5pt (italic correction)
                                                      44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 J 73 (7.83+0.38)x10.0
                                                      49 glyph 256 7 73 (7.83+0.38)x10.0

44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

2 rule 3 (8.8+1.2)x0.0, dir=0

49 glyph 256 7 73 (8.12+0.44)x10.0

4A kern 1 -0.1pt (italic correction)
                                                       44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) 2 rule 3 (8.8+1.2)x0.0, dir=0
                                                       49 glyph 256 1 73 (8.08+0.42)x10.0
4A kern 1 -0.2pt (italic correction)
                                                      44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 7 73 (8.19+0.44)x10.0
                                                      44 kern 1 -0.8pt (italic correction)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 / 73 (7.83+0.38)x10.0
タノタイクノ
                                                       49 whatsit 8 userid:4 (direction) (node list) dir: 4
                                                       2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 9 74 (8.12+0.44)x10.0
                                                       44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 / 74 (7.83+0.38)x10.0
                                                      44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

2 rule 3 (8.8+1.2)x0.0, dir=0

49 glyph 256 7 74 (8.12+0.44)x10.0

44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
                                                       2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 1 74 (8.08+0.42)x10.0
                                                      44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)

2 rule 3 (8.8+1.2)x0.0, dir=0

49 glyph 256 7 74 (8.19+0.44)x10.0
                                                       44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) 2 rule 3 (8.8+1.2)x0.0, dir=0
タノタイクノ
```

49 glyph 256 J 74 (7.83+0.38)x10.0

```
49 whatsit 8 userid:4 (direction) (node list) dir: 4
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 夕 73 (8.12+0.44)x10.0
44 kern 3 0.0pt (italic correction)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 丿 73 (7.83+0.38)x10.0

49 whatsit 8 userid:4 (direction) (node list) dir: 4
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 Ј 73 (6.88+0.83)x10.0
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 258 73 (8.24+0.27)x10.0
3 penalty 0 10000 (for kinsoku)
44 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 rule 3 (8.8+1.2)x0.0, dir=0
49 glyph 256 . 73 (1.35+0.0)x10.0
```