**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 § ¶ ° £ ¥ ô iso8859-1 欧文扱い:1§¶ °£¥ ô 標準:1 § ¶ ° £ ¥ ô

## 文字範囲の状況取得

010

文字コード 文字範囲

-1 6 8 9 -1 217

あ 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)
                                             F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
                                             6 kern 1 20.0pt (from JFM: priority 0)
                ア
   あ
                                             D glyph 256 \overline{Z} 63 (8.8+1.2)x10.0
                                             F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                             9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 1 63 (8.8+1.2)x10.0
   あイ
                                             F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                             あ
             ウ
                                             D glyph 256 \lambda 6 (8.8+1.2)x10.0
6 kern 1 20.0pt (from JFM: priority 0)
D glyph 256 \mathcal{T} 63 (8.8+1.2)x10.0
L١
            ァ
                                             D glyph 256 \ \ \ 63 (8.8+1.2)x10.0
                                                glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
いイ
                                             D glyph 256 1 63 (8.8+1.2)x10.0
                                             D glyph 256 \\ 63 (8.8+1.2)x10.0
                                             6 glue 0 14.1pt (from JFM: priority 0)
D glyph 256 ウ 63 (8.8+1.2)x10.0
L١
         ウ
     JA-EN (pen なし)
                                             F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
6 kern 1 12.1pt (from JFM: priority 0)
D glyph 256 a 62 (5.2002+0.03906)x5.49805
   あ
            а
                                             D glyph 256 \ \ \ 63 (8.8+1.2)x10.0
                                             B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
lla
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                             D glyph 256 う 63 (8.8+1.2)x10.0
                                             6 glue 0 17.3pt (from JFM: priority 0)
う
           а
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                             D glyph 256 え 63 (8.8+1.2)x10.0
                                             6 kern 1 17.3pt (from JFM: priority 0)
D glyph 256 a 62 (5.2002+0.03906)x5.49805
え
           а
                                             D glyph 256 お 63 (8.8+1.2)x10.0
                                             B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
おa
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
     EN-JA (pen なし)
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                             B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
D glyph 256 5 63 (8.8+1.2)x10.0
aあ
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                             6 glue 0 14.1pt (from JFM: priority 0)
а
       しし
                                             D glyph 256 ll 63 (8.8+1.2)x10.0
                                             D glyph 256 a 62 (5.2002+0.03906)x5.49805
6 kern 1 20.0pt (from JFM: priority 0)
D glyph 256 う 63 (8.8+1.2)x10.0
          う
     JA-明 kern (pen なし)
                                             F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                             6 kern 1 12.1pt (from JFM: priority 0)
   あ
                                             D kern 1 3.0pt
                                             D glyph 256 \\ 63 (8.8+1.2)x10.0
L١
                                             D kern 1 3.0pt
                                             D glyph 256 う 63 (8.8+1.2)x10.0
                                             3 penalty 0 10000 (for kinsoku)
6 glue 0 17.3pt (from JFM: priority 0)
う
                                             D kern 1 3.0pt
     明 kern-JA (pen なし)
                                             D kern 1 3.0pt
                                             D glyph 256 あ 63 (8.8+1.2)x10.0
 あ
                                             D kern 1 3.0pt
3 penalty 0 10000 (for kinsoku)
                                             6 glue 0 14.1pt (from JFM: priority 0)
D glyph 256 l  63 (8.8+1.2)x10.0
      L١
                                             D kern 1 3.0pt
                                             6 kern 1 20.0pt (from JFM: priority 0)

D glyph 256 5 63 (8.8+1.2)x10.0
         う
```

# JA-hbox (pen なし) F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 **5** 63 (8.8+1.2)x10.0 3 penalty 0 0 (for kinsoku) 6 kern 1 12.1pt (from JFM: priority 0) D hlist 2 (0.0+0.0)x0.0TLT D glyph 256 10 63 (8.8+1.2)x10.0 3 penalty 0 0 (for kinsoku) D hlist 2 (0.0+0.0)x0.0TLT D glyph 256 5 63 (8.8+1.2)x10.0 6 glue 0 17.3pt (from JFM: priority 0) D hlist 2 (0.0+0.0)x0.0TLT D glyph 256 3 63 (8.8+1.2)x10.0 あ ١١ う D glyph 256 \$\bar{\pi}\$ 63 (8.8+1.2)x10.0 3 penalty 0 0 (for kinsoku) 6 kern 1 17.3pt (from JFM: priority 0) D hlist 2 (0.0+0.0)x0.0TLT え F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0 D hlist 2 (8.8+1.2)x10.0TLT D glyph 256 7 63 (8.8+1.2)x10.0 あ ア D glyph 250 7 65 (0.01.2)Airus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) D hlist 2 (5.2002+0.03906)x5.49805TLT あ .D glyph 256 a 62 (5.2002+0.03906)x5.49805 D glyph 256 l/ 63 (8.8+1.2)x10.0 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) D hlist 2 (5.2002+0.03906)x5.49805TLT .D glyph 256 a 62 (5.2002+0.03906)x5.49805 lla hbox-JA (pen なし) D hlist 2 (0.0+0.0)x0.0TLT 3 penalty 0 0 (for kinsoku) D glyph 256 **5** 63 (8.8+1.2)x10.0 D hlist 2 (0.0+0.0)x0.0TLT あ D hlist 2 (0.0+0.0)x0.0TLT 6 glue 0 14.1pt (from JFM: priority 0) D glyph 256 l) 63 (8.8+1.2)x10.0 D hlist 2 (0.0+0.0)x0.0TLT 3 penalty 0 0 (for kinsoku) 6 kern 1 20.0pt (from JFM: priority 0) D glyph 256 5 63 (8.8+1.2)x10.0 l١ う

```
JA-JA (pen あり)
                                                F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
                                                6 kern 1 20.0pt (from JFM: priority 0)
D glyph 256 \mathcal{P} 63 (8.8+1.2)x10.0
                 ア
    あ
                                                F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                                 3 penalty 0 123 (for kinsoku)
                                                 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 1 63 (8.8+1.2)x10.0
    あイ
                                                F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                 6 glue 0 14.1pt (from JFM: priority 0)
    あ
              ゥ
                                                 D glyph 256 ウ 63 (8.8+1.2)x10.0
                                                D glyph 256 \lambda 6 (8.8+1.2)x10.0
6 kern 1 20.0pt (from JFM: priority 0)
D glyph 256 \mathcal{T} 63 (8.8+1.2)x10.0
L١
             ア
                                                D glyph 256 11 63 (8.8+1.2)x10.0
3 penalty 0 123 (for kinsoku)
                                                9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 1 63 (8.8+1.2)x10.0
いイ
                                                 D glyph 256 11 63 (8.8+1.2)x10.0
                                                3 penalty 0 123 (for kinsoku)
6 glue 0 14.1pt (from JFM: priority 0)
い
          ウ
                                                 D glyph 256 ウ 63 (8.8+1.2)x10.0
     JA-EN (pen あり)
                                                F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
6 kern 1 12.1pt (from JFM: priority 0)
    あ
                                                 D glyph 256 a 62 (5.2002+0.03906)x5.49805
             а
                                                 D glyph 256 [1 63 (8.8+1.2)x10.0
                                                 3 penalty 0 123 (for kinsoku)
                                                B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
D glyph 256 a 62 (5.2002+0.03906)x5.49805
l1a
                                                 D glyph 256 う 63 (8.8+1.2)x10.0
                                                3 penalty 0 123 (for kinsoku)
6 glue 0 17.3pt (from JFM: priority 0)
D glyph 256 a 62 (5.2002+0.03906)x5.49805
う
            а
                                                 D glyph 256 え 63 (8.8+1.2)x10.0
                                                6 kern 1 17.3pt (from JFM: priority 0)
D glyph 256 a 62 (5.2002+0.03906)x5.49805
え
            а
                                                 D glyph 256 お 63 (8.8+1.2)x10.0
                                                3 penalty 0 123 (for kinsoku)
B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
おa
                                                 D glyph 256 a 62 (5.2002+0.03906)x5.49805
     EN-JA (pen あり)
                                                 D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                 3 penalty 0 321 (for kinsoku)
                                                 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
aあ
                                                 D glyph 256 あ 63 (8.8+1.2)x10.0
                                                 D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                 3 penalty 0 892 (for kinsoku)
6 glue 0 14.1pt (from JFM: priority 0)
        11
                                                 D glyph 256 (1 63 (8.8+1.2)x10.0
а
                                                 D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                6 kern 1 20.0pt (from JFM: priority 0)
D glyph 256 3 63 (8.8+1.2)x10.0
           う
а
     JA-hbox (pen あり)
                                                F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                                6 kern 1 12.1pt (from JFM: priority 0)
D hlist 2 (8.8+1.2)x10.0TLT
             ァ
                                                 .D glyph 256 ア 63 (8.8+1.2)x10.0
    あ
                                                 F glue 0 9.4pt plus 2.3pt minus 4.5pt
                                                 D glyph 256 あ 63 (8.8+1.2)x10.0
                                                6 kern 1 12.1pt (from JFM: priority 0)
D hlist 2 (5.2002+0.03906)x5.49805TLT
    あ
                                                 .D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                 D glyph 256 1 63 (8.8+1.2)x10.0
                                                 3 penalty 0 123 (for kinsoku)
                                                B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
D hlist 2 (5.2002+0.03906)x5.49805TLT
lla
                                                  .D glyph 256 a 62 (5.2002+0.03906)x5.49805
```

## [x]kanjiskip の挿入

#### kanjiskip from JFM, autospacing (JA-JA) F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) ああ D glyph 256 あ 63 (8.8+1.2)x10.0 F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0 A glue 0 1.0pt plus 0.4pt minus 0.5pt (kanjiskip, JFM specified) ああ D glyph 256 あ 63 (8.8+1.2)x10.0 D glyph 256 は 66 (10.56+1.44)x12.0 A glue 0 1.1pt plus 0.44pt minus 0.55pt (kanjiskip, JFM specified) はぁ D glyph 256 あ 63 (8.8+1.2)x10.0 F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) D glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt (kanjiskip) D glyph 256 あ 63 (8.8+1.2)x10.0 あああ kanjiskip from JFM/autoxspacing (JA-EN) D glyph 256 ま 63 (8.8+1.2)x10.0 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) D glyph 256 x 62 (5.07813+0.0)x4.8877 ŧx D glyph 256 ま 63 (8.8+1.2)x10.0 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) D glyph 256 x 62 (5.07813+0.0)x4.8877 ŧx D glyph 256 ま 63 (8.8+1.2)x10.0 B glue 0 0.0pt (xkanjiskip) ŧχ D glyph 256 x 62 (5.07813+0.0)x4.8877 D glyph 256 ま 63 (8.8+1.2)x10.0 C glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip, JFM specified) まx D glyph 256 x 62 (5.07813+0.0)x4.8877 D glyph 256 ま 63 (8.8+1.2)x10.0 glue 0 0.0pt (xkanjiskip) ŧх D glyph 256 x 62 (5.07813+0.0)x4.8877 D glyph 256 ま 63 (8.8+1.2)x10.0 B glue 0 0.0pt (xkanjiskip) D glyph 256 x 62 (5.07813+0.0)x4.8877 ŧχ xkanjiskip from JFM/autoxspacing (EN-JA) D glyph 256 x 62 (5.07813+0.0)x4.8877 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) хŧ D glyph 256 \$ 63 (8.8+1.2)x10.0 D glyph 256 x 62 (5.07813+0.0)x4.8877 B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) D glyph 256 ま 63 (8.8+1.2)x10.0 хŧ D glyph 256 x 62 (5.07813+0.0)x4.8877 B glue 0 0.0pt (xkanjiskip) D glyph 256 ま 63 (8.8+1.2)x10.0 хŧ D glyph 256 x 62 (5.07813+0.0)x4.8877 C glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip, JFM specified) D glyph 256 ま 63 (8.8+1.2)x10.0 хŧ D glyph 256 x 62 (5.07813+0.0)x4.8877 B glue 0 0.0pt (xkanjiskip) D glyph 256 ま 63 (8.8+1.2)x10.0 хŧ D glyph 256 x 62 (5.07813+0.0)x4.8877 B glue 0 0.0pt (xkanjiskip) D glyph 256 \$\frac{1}{3}\$ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) D glyph 256 \$\frac{1}{3}\$ 63 (8.8+1.2)x10.0 B glue 0 0.0pt (xkanjiskip) xまおx D glyph 256 x 62 (5.07813+0.0)x4.8877 more than one penalty D glyph 256 お 63 (8.8+1.2)x10.0 D penalty 0 1701 D penalty 0 1701 D penalty 0 1701 D penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) D glyph 256 11 63 (8.8+1.2)x10.0 おい D glyph 256 お 63 (8.8+1.2)x10.0 D penalty 0 1701 D penalty 0 1701 D penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) D glyph 256 お 63 (8.8+1.2)x10.0 おお

```
F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
D penalty 0 1701
                                                        D penalty 0 1701
                                                        D penalty 0 1701
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
    あい
                                                        D glyph 256 11 63 (8.8+1.2)x10.0
                                                        F glue 0 9.4pt plus 2.3pt minus 4.5pt D glyph 256 あ 63 (8.8+1.2)x10.0
                                                        D penalty 0 1701
                                                        D penalty 0 1701
D penalty 0 1701
                                                        9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 お 63 (8.8+1.2)x10.0
    あお
       その他: italic correction and accents
                                                        2 hlist 0 (8.8+1.2)x10.0TLT (packed)
.0 glyph 256 あ 60 (8.11035+0.36133)x8.99902
                                                         E kern 1 0.0pt (italic correction)
                                                        B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
D glyph 256 j 1 (6.67859+1.94444)x3.05557
あί
                                                        2 hlist 0 (8.8+1.2)x5.0TLT (packed)

.0 glyph 256 ) 60 (8.32031+0.71777)x5.09766

E kern 1 0.0pt (italic correction)

6 glue 0 5.0pt minus 5.0pt (from JFM: priority 0)

D glyph 256 j 1 (6.67859+1.94444)x3.05557
) j
                                                        D glyph 256 れ 63 (8.8+1.2)x10.0
                                                        B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip)
D kern 2 1.25pt (for accent)
                                                        D hist 0 (6.28473+0.0)x5.00002TLT, shifted -2.52777

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

D kern 2 -6.25002pt (for accent)

D glyph 256 A 1 (6.83331+0.0)x7.50002
                                                        3 penalty 0 10000 (for kinsoku)
B glue 0 0.0pt (xkanjiskip)
D glyph 256 ) 63 (8.8+1.2)x10.0
れĂ)
       その他: box boundary
                                                        F glue 0 10.3pt
D glyph 256 か 63 (8.8+1.2)x10.0
                                                        D glyph 256 1 63 (8.841.2)x10.0
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 5 (8.841.2)x10.0
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 1 63 (8.841.2)x10.0
     かあか
                                                         F kern 1 8.5pt
                                                        D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                       a かあか a
                                                        D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                        D hlist 2 (8.8+1.2)x28.8TLT

F glue 0 10.3pt

D glyph 256 ħ 63 (8.8+1.2)x10.0
                                                         .F kern 1 8.5pt
a か a
                                                        D glyph 256 a 62 (5.2002+0.03906)x5.49805
                                                        D glyph 256 き 63 (8.8+1.2)x10.0
                                                        3 penalty 0 0 (for kinsoku)
D hlist 2 (8.8+1.2)x28.8TLT
                                                        D glyph 256 含 63 (8.8+1.2)x10.0
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D hlist 2 (8.8+1.2)x10.0TLT
                                                        .D glyph 256 총 63 (8.8+1.2)x10.0
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 총 63 (8.8+1.2)x10.0
き か ききき
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```
2 hlist 0 (8.8+1.2)x10.0TLT (packed)
.0 glyph 256 杏 60 (8.11035+0.36133)x8.99902
3 penalty 0 1000 (for kinsoku)
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D hlist 2 (8.8+1.2)x5.0TLT
.2 hlist 0 (8.8+1.2)x5.0TLT (packed)
.0 glyph 256 ( 60 (8.32031+0.71777)x5.09766
3 penalty 0 1000 (for kinsoku)
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 hlist 0 (8.8+1.2)x10.0TLT (packed)
.0 glyph 256 杏 60 (8.11035+0.36133)x8.99902
3 penalty 0 1000 (for kinsoku)
6 glue 0 5.0pt minus 5.0pt (from JFM: priority 0)
2 hlist 0 (8.8+1.2)x5.0TLT (packed)
.0 glyph 256 ← 60 (8.32031+0.71777)x5.09766
3 penalty 0 10000 (for kinsoku)
6 glue 0 0.0pt (from JFM: priority 0)
2 hlist 0 (8.8+1.2)x10.0TLT (packed)
.0 glyph 256 ★ 60 (8.11035+0.36133)x8.99902
```

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```
その他: paragraph, hbox and math boundary

O whatsit 6 subtype: 66
O hlist 3 (0.0+0.0)x19.2TLT
                                                    D glyph 256 か 63 (8.8+1.2)x10.0
3 penalty 0 500 (for kinsoku)
                                                    9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 I 63 (8.8+1.2)x10.0
                                                    D penalty 0 10000
0 glue 15 30.0pt
                か
                            I
                                                    0 glue 9 0.0pt
                                                    O whatsit 6 subtype: 66
F glue 0 10.3pt
D glyph 256 か 63 (8.8+1.2)x10.0
3 penalty 0 500 (for kinsoku)
                                                    9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
D glyph 256 I 63 (8.8+1.2)x10.0
                                                    D penalty 0 10000
                                                    0 glue 15 30.0pt
0 glue 9 0.0pt
     か
                            I
                                                    F glue 0 10.3pt
D glyph 256 th 63 (8.8+1.2)x10.0
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
                                                    D glyph 256 I 63 (8.8+1.2)x10.0
F glue 0 7.8pt
     かエ
                                                    F glue 0 9.4pt plus 2.3pt minus 4.5pt
D glyph 256 あ 63 (8.8+1.2)x10.0
6 glue 0 12.5pt plus 4.3pt minus 8.7pt (from JFM: priority 0)
                                                    D math 0
                                                    D glyph 256 a 7 (4.30554+0.0)x5.28589
                                                    D math 1
6 glue 0 6.8pt plus 0.2pt minus 0.4pt (from JFM: priority 0)
                                                    D glyph 256 \stackrel{?}{\sim} 63 (8.8+1.2)x10.0
                                                    B glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) D math 0
                                                    D glyph 256 a 7 (4.30554+0.0)x5.28589
                                                    a さaか
                                                    F kern 1 8.5pt
       その他: unhbox の連続
                                                     2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
                                                     .0 glyph 256 ) 51 (8.4675+1.15466)x9.62216
                                                    6 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 0)
D glyph 512 a 62 (5.2002+0.03906)x5.49805
  ) a
                                                    2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
.0 glyph 256 ) 51 (8.4675+1.15466)x9.62216
                                                    6 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 0)
  ) a
                                                    D glyph 512 a 62 (5.2002+0.03906)x5.49805
                                                    2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
.0 glyph 256 ( 51 (8.4675+1.15466)x9.62216
                                                    .0 glyph 256 (51 (6.407571.15466)x9.52216
3 penalty 0 10000 (for kinsoku)
6 glue 0 0.0pt (from JFM: priority 0)
2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
.0 glyph 256 ) 51 (8.4675+1.15466)x9.62216
6 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 0)
                                                    2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
.0 glyph 256 ( 51 (8.4675+1.15466)x9.62216
                                                    3 penalty 0 10000 (for kinsoku)
6 glue 0 0.0pt (from JFM: priority 0)
                                                    2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
.0 glyph 256 ) 51 (8.4675+1.15466)x9.62216
                                                    6 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 0)
                                                    ()()
       その他: 「前由来」「後由来」JFM 由来グルー
                                                    D glyph 256 あ 51 (8.4675+1.15466)x9.62216
                                                    6 glue 0 2.40555pt minus 2.40555pt (from JFM: priority 0)
2 hlist 0 (4.23375+0.57733)x2.40555TLT (packed)
                                                     .0 glyph 256 ( 53 (4.23375+0.57733)x4.81108
 あ
                                                    D glyph 256 あ 53 (4.23375+0.57733)x4.81108
                                                    6 glue 0 4.81108pt minus 4.81108pt (from JFM: priority 0)
2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
                                                    .0 glyph 256 ( 51 (8.4675+1.15466)x9.62216
 Б (
                                                    2 hlist 0 (4.23375+0.57733)x2.40555TLT (packed)
.0 glyph 256 . 53 (4.23375+0.57733)x4.81108
3 penalty 0 10000 (for kinsoku)
                                                    7 glue 0 4.81108pt minus 1.6037pt (from JFM: priority 1) 2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)
                                                     .0 glyph 256 · 51 (8.4675+1.15466)x9.62216
```

2 hlist 0 (8.8+1.2)x10.0TLT (packed)

.0 glyph 256 / 67 (7.83+0.38)x10.0

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2 hlist 0 (8.4675+1.15466)x4.81108TLT (packed)

0 glyph 256 . 51 (8.4675+1.15466)x9.62216 3 penalty 0 10000 (for kinsoku) 7 glue 0 6.01385pt minus 2.00462pt (from JFM: priority 1)