

あ“ あ・い 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

0 1 0

文字コード 文字範囲

6 8 9 -1

ほとんど欧文扱い。2 番は別（「あ」）和文扱いにもどる

Ticket #25121

あいうえお か き く け こ さ し す せ そ 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 B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 ア 63 (8.8+1.2)x10.0 |
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| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 イ 63 (8.8+1.2)x10.0 |
| あい | | |
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 glue 0 14.1pt (from JFM: priority 0) B glyph 256 ウ 63 (8.8+1.2)x10.0 |
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| | | B glyph 256 ゐ 63 (8.8+1.2)x10.0 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 ア 63 (8.8+1.2)x10.0 |
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| | | B glyph 256 ゐ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 イ 63 (8.8+1.2)x10.0 |
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| | | B glyph 256 ゐ 63 (8.8+1.2)x10.0 6 glue 0 14.1pt (from JFM: priority 0) B glyph 256 ウ 63 (8.8+1.2)x10.0 |
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JA-EN (penなし)

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|---|---|---|
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| あ | a | |
| | | B glyph 256 ゐ 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| い | a | |
| | | B glyph 256 う 63 (8.8+1.2)x10.0 6 glue 0 17.3pt (from JFM: priority 0) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| う | a | |
| | | B glyph 256 え 63 (8.8+1.2)x10.0 6 kern 1 17.3pt (from JFM: priority 0) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| え | a | |
| | | B glyph 256 あ 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
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EN-JA (penなし)

| | | |
|---|---|--|
| | | B glyph 256 a 62 (5.2002+0.03906)x5.49805 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| a | あ | |
| | | B glyph 256 a 62 (5.2002+0.03906)x5.49805 6 glue 0 14.1pt (from JFM: priority 0) B glyph 256 ゐ 63 (8.8+1.2)x10.0 |
| a | い | |
| | | B glyph 256 a 62 (5.2002+0.03906)x5.49805 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 う 63 (8.8+1.2)x10.0 |
| a | う | |

JA-明 kern (penなし)

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|---|--|--|
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) B kern 1 3.0pt |
| あ | | |
| | | B glyph 256 ゐ 63 (8.8+1.2)x10.0 B kern 1 3.0pt |
| い | | |
| | | B 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) B kern 1 3.0pt |
| う | | |

明 kern-JA (penなし)

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|---|--|--|
| | | B kern 1 3.0pt B glyph 256 あ 63 (8.8+1.2)x10.0 |
| あ | | |
| | | B kern 1 3.0pt 3 penalty 0 10000 (for kinsoku) 6 glue 0 14.1pt (from JFM: priority 0) B glyph 256 ゐ 63 (8.8+1.2)x10.0 |
| い | | |
| | | B kern 1 3.0pt 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 う 63 (8.8+1.2)x10.0 |
| う | | |

JA-hbox (pen なし)

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|-----|--|
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt |
| | B glyph 256 あ 63 (8.8+1.2)x10.0 |
| | 3 penalty 0 0 (for kinsoku) |
| あ | 6 kern 1 12.1pt (from JFM: priority 0) |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| | B glyph 256 い 63 (8.8+1.2)x10.0 |
| い | 3 penalty 0 0 (for kinsoku) |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| | B glyph 256 う 63 (8.8+1.2)x10.0 |
| う | 6 glue 0 17.3pt (from JFM: priority 0) |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| | B glyph 256 え 63 (8.8+1.2)x10.0 |
| え | 3 penalty 0 0 (for kinsoku) |
| | 6 kern 1 17.3pt (from JFM: priority 0) |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt |
| | B glyph 256 あ ア 63 (8.8+1.2)x10.0 |
| あ ア | 6 kern 1 12.1pt (from JFM: priority 0) |
| | B hlist 2 (8.8+1.2)x10.0TTLT |
| | .B glyph 256 ア 63 (8.8+1.2)x10.0 |
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt |
| | B glyph 256 あ a 63 (8.8+1.2)x10.0 |
| あ a | 6 kern 1 12.1pt (from JFM: priority 0) |
| | B hlist 2 (5.2002+0.03906)x5.49805TTLT |
| | .B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| | B glyph 256 い 63 (8.8+1.2)x10.0 |
| い a | A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) |
| | B hlist 2 (5.2002+0.03906)x5.49805TTLT |
| | .B glyph 256 a 62 (5.2002+0.03906)x5.49805 |

hbox-JA (pen なし)

| | |
|---|--|
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| あ | 3 penalty 0 0 (for kinsoku) |
| | B glyph 256 あ 63 (8.8+1.2)x10.0 |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| い | 6 glue 0 14.1pt (from JFM: priority 0) |
| | B glyph 256 い 63 (8.8+1.2)x10.0 |
| | B hlist 2 (0.0+0.0)x0.0TTLT |
| | 3 penalty 0 0 (for kinsoku) |
| | 6 kern 1 20.0pt (from JFM: priority 0) |
| う | B glyph 256 う 63 (8.8+1.2)x10.0 |

JA-JA (pen あり)

| | | |
|---|---|---|
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 ア 63 (8.8+1.2)x10.0 |
| あ | ア | |
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B 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) B glyph 256 い 63 (8.8+1.2)x10.0 |
| あ | い | |
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B 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) B glyph 256 う 63 (8.8+1.2)x10.0 |
| あ | う | |
| | | B glyph 256 い 63 (8.8+1.2)x10.0 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 ア 63 (8.8+1.2)x10.0 |
| い | ア | |
| | | B glyph 256 い 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) B glyph 256 い 63 (8.8+1.2)x10.0 |
| い | い | |
| | | B glyph 256 い 63 (8.8+1.2)x10.0 3 penalty 0 123 (for kinsoku) 6 glue 0 14.1pt (from JFM: priority 0) B glyph 256 う 63 (8.8+1.2)x10.0 |
| い | う | |

JA-EN (pen あり)

| | | |
|---|---|---|
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| あ | a | |
| | | B glyph 256 い 63 (8.8+1.2)x10.0 3 penalty 0 123 (for kinsoku) A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| い | a | |
| | | B 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) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| う | a | |
| | | B glyph 256 え 63 (8.8+1.2)x10.0 6 kern 1 17.3pt (from JFM: priority 0) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| え | a | |
| | | B glyph 256 お 63 (8.8+1.2)x10.0 3 penalty 0 123 (for kinsoku) A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| お | a | |

EN-JA (pen あり)

| | | |
|---|---|---|
| | | B glyph 256 a 62 (5.2002+0.03906)x5.49805 3 penalty 0 321 (for kinsoku) A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| a | あ | |
| | | B 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) B glyph 256 い 63 (8.8+1.2)x10.0 |
| a | い | |
| | | B glyph 256 a 62 (5.2002+0.03906)x5.49805 6 kern 1 20.0pt (from JFM: priority 0) B glyph 256 う 63 (8.8+1.2)x10.0 |
| a | う | |

JA-hbox (pen あり)

| | | |
|---|---|---|
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) B hlist 2 (8.8+1.2)x10.0TLT .B glyph 256 ア 63 (8.8+1.2)x10.0 |
| あ | ア | |
| | | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 6 kern 1 12.1pt (from JFM: priority 0) B hlist 2 (5.2002+0.03906)x5.49805TLT .B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| あ | a | |
| | | B glyph 256 い 63 (8.8+1.2)x10.0 3 penalty 0 123 (for kinsoku) A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B hlist 2 (5.2002+0.03906)x5.49805TLT .B glyph 256 a 62 (5.2002+0.03906)x5.49805 |
| い | a | |

```
B hlist 2 (8.8+1.2)x10.0TLT
.B glyph 256 ( 63 (8.8+1.2)x10.0
3 penalty 0 571 (for kinsoku)
6 glue 0 14.1pt (from JFM: priority 0)
B glyph 256 り 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)
B hlist 2 (8.8+1.2)x10.0TLT
.B glyph 256 ) 63 (8.8+1.2)x10.0
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(り)

italic correction

```
B glyph 256 f 37 (6.94444+1.94444)x3.06665
C kern 1 2.11945pt (italic correction)
3 penalty 0 123 (for kinsoku)
6 glue 0 5.0pt minus 5.0pt (from JFM: priority 0)
2 hlist 0 (8.8+1.2)x5.0TLT (packed)
.O glyph 256 ( 60 (8.32+0.72)x5.1
C kern 1 0.0pt (italic correction)
3 penalty 0 10000 (for kinsoku)
9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
2 hlist 0 (8.8+1.2)x10.0TLT (packed)
.O glyph 256 あ 60 (8.11+0.36)x9.0
```

f (あ)

[x]kanjiskip の挿入

kanjiskip from JFM, autospacing (JA-JA)

| | |
|-----|---|
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| ああ | |
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 1.0pt plus 0.4pt minus 0.5pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| ああ | |
| | B glyph 256 は 66 (10.56+1.44)x12.0 9 glue 0 1.1pt plus 0.44pt minus 0.55pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| はあ | |
| | F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 |
| あああ | |

kanjiskip from JFM/autospacing (JA-EN)

| | |
|-----|--|
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 0.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 0.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |
| | B glyph 256 ま 63 (8.8+1.2)x10.0 A glue 0 0.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| ま x | |

xkanjiskip from JFM/autospacing (EN-JA)

| | |
|------|---|
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 |
| x ま | |
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 |
| x ま | |
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 0.0pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 |
| x ま | |
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 |
| x ま | |
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 0.0pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 |
| x ま | |
| | B glyph 256 x 62 (5.07813+0.0)x4.8877 A glue 0 0.0pt (xkanjiskip) B glyph 256 ま 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 お 63 (8.8+1.2)x10.0 A glue 0 0.0pt (xkanjiskip) B glyph 256 x 62 (5.07813+0.0)x4.8877 |
| xまおx | |

more than one penalty

| | |
|----|---|
| | B glyph 256 お 63 (8.8+1.2)x10.0 B penalty 0 1701 B penalty 0 1701 B penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 り 63 (8.8+1.2)x10.0 |
| おい | |
| | B glyph 256 お 63 (8.8+1.2)x10.0 B penalty 0 1701 B penalty 0 1701 B penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 お 63 (8.8+1.2)x10.0 |
| おお | |

| | |
|---------|---|
| | <pre> F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 B penalty 0 1701 B penalty 0 1701 B penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 り 63 (8.8+1.2)x10.0 </pre> |
| あい | <hr/> <pre> F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 B penalty 0 1701 B penalty 0 1701 B penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 り 63 (8.8+1.2)x10.0 </pre> |
| あお | <hr/> <pre> F glue 0 9.4pt plus 2.3pt minus 4.5pt B glyph 256 あ 63 (8.8+1.2)x10.0 B penalty 0 1701 B penalty 0 1701 B penalty 0 1701 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 り 63 (8.8+1.2)x10.0 </pre> |
| | <p>その他: italic correction and accents</p> <pre> 2 hlist 0 (8.8+1.2)x10.0TLT (packed) .0 glyph 256 あ 60 (8.11+0.36)x9.0 C kern 1 0.0pt (italic correction) A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 j 1 (6.67859+1.94444)x3.05557 </pre> |
| あじ | <hr/> <pre> B glyph 256 れ 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B kern 2 1.25pt (for accent) B hlist 0 (6.28473+0.0)x5.00002TLT, shifted -2.52777 .0 glyph 0 ~ 1 (6.28473+0.0)x5.00002 B kern 2 -6.25002pt (for accent) B glyph 256 A 1 (6.83331+0.0)x7.50002 3 penalty 0 10000 (for kinsoku) A glue 0 0.0pt (xkanjiskip) B glyph 256) 63 (8.8+1.2)x10.0 </pre> |
| れ(ゝ) | <hr/> <pre> F glue 0 10.3pt B glyph 256 か 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 か 63 (8.8+1.2)x10.0 F kern 1 8.5pt </pre> |
| | <p>その他: box boundary</p> <pre> B glyph 256 a 62 (5.2002+0.03906)x5.49805 F glue 0 10.3pt B glyph 512 か 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 512 あ 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 512 か 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 a 62 (5.2002+0.03906)x5.49805 </pre> |
| a かあか a | <hr/> <pre> B glyph 256 a 62 (5.2002+0.03906)x5.49805 B hlist 2 (8.8+1.2)x28.8TLT .F glue 0 10.3pt .B glyph 256 か 63 (8.8+1.2)x10.0 .F kern 1 8.5pt B glyph 256 a 62 (5.2002+0.03906)x5.49805 </pre> |
| a か a | <hr/> <pre> B glyph 256 き 63 (8.8+1.2)x10.0 3 penalty 0 0 (for kinsoku) B hlist 2 (8.8+1.2)x28.8TLT .F glue 0 10.3pt .B glyph 256 か 63 (8.8+1.2)x10.0 .F kern 1 8.5pt 3 penalty 0 0 (for kinsoku) B glyph 256 き 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B hlist 2 (8.8+1.2)x10.0TLT .B glyph 256 き 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 き 63 (8.8+1.2)x10.0 </pre> |
| き か ききき | <hr/> <pre> 2 hlist 0 (8.8+1.2)x10.0TLT (packed) .0 glyph 256 あ 60 (8.11+0.36)x9.0 3 penalty 0 1000 (for kinsoku) 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B hlist 2 (8.8+1.2)x5.0TLT .2 hlist 0 (8.8+1.2)x5.0TLT (packed) ..0 glyph 256 (60 (8.32+0.72)x5.1 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 あ 60 (8.11+0.36)x9.0 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 (8.32+0.72)x5.1 3 penalty 0 10000 (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 あ 60 (8.11+0.36)x9.0 </pre> |
| あ(あ(あ | <hr/> |

paragraph, hbox and math boundary

| | | |
|-----------------|---------|--|
| | | <pre> 0 whatsit 6 subtype: 66 0 hlist 3 (0.0+0.0)x19.2TLT F glue 0 6.8pt plus 0.2pt minus 0.4pt B 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) B glyph 256 工 63 (8.8+1.2)x10.0 B penalty 0 10000 0 glue 15 30.0pt 0 glue 9 0.0pt </pre> |
| か | 工 | <pre> 0 whatsit 6 subtype: 66 F glue 0 10.3pt B 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) B glyph 256 工 63 (8.8+1.2)x10.0 B penalty 0 10000 0 glue 15 30.0pt 0 glue 9 0.0pt </pre> |
| か | 工 | <pre> F glue 0 10.3pt B glyph 256 か 63 (8.8+1.2)x10.0 9 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) B glyph 256 工 63 (8.8+1.2)x10.0 F glue 0 7.8pt </pre> |
| か工 | | <pre> F glue 0 9.4pt plus 2.3pt minus 4.5pt B 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) B math 0 B glyph 256 a 7 (4.30554+0.0)x5.28589 B math 1 6 glue 0 6.8pt plus 0.2pt minus 0.4pt (from JFM: priority 0) B glyph 256 さ 63 (8.8+1.2)x10.0 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B math 0 B glyph 256 a 7 (4.30554+0.0)x5.28589 B math 1 A glue 0 2.40553pt plus 1.0pt minus 1.0pt (xkanjiskip) B glyph 256 か 63 (8.8+1.2)x10.0 F kern 1 8.5pt </pre> |
| あ | a さ a か | |
| その他: unhbox の連続 | | |
|) a | | <pre> 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) B glyph 512 a 62 (5.2002+0.03906)x5.49805 </pre> |
|) a | | <pre> 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) B glyph 512 a 62 (5.2002+0.03906)x5.49805 </pre> |
| () () 「 」 | | <pre> 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) 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) 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 </pre> |