

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 2 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

文字範囲の状況取得

0 1 0

文字コード 文字範囲

217 1 2 -1

ほとんど欧文扱い。2番は別（「あ」）和文扱いにもどる

以下はJFM グルー挿入検証

JA-JA (penなし)

あ	ア	GLYPH 256 あ 63 kern 1 20.0pt (from JFM) GLYPH 256 ア 63 GLYPH 256 あ 63
あい		kern 0 -14.1pt (from 'lineend' in JFM) penalty 0 (for kinsoku) glue 0 14.1pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 い 63 GLYPH 256 あ 63
あ	ウ	kern 0 -14.1pt (from 'lineend' in JFM) penalty 0 (for kinsoku) glue 0 28.20001pt (from JFM) GLYPH 256 ウ 63 GLYPH 256 い 63
い	ア	kern 1 20.0pt (from JFM) GLYPH 256 ア 63 GLYPH 256 い 63
いい		glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 い 63 GLYPH 256 い 63
い	ウ	glue 0 14.1pt (from JFM) GLYPH 256 ウ 63

JA-EN (penなし)

あ	a	GLYPH 256 あ 63 kern 1 12.1pt (from JFM) GLYPH 256 a 62 GLYPH 256 い 63
い	a	penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 a 62 GLYPH 256 う 63
う	a	kern 0 -14.1pt (from 'lineend' in JFM) penalty 0 (for kinsoku) glue 0 31.40001pt (from JFM) GLYPH 256 a 62 GLYPH 256 え 63
え	a	kern 1 17.3pt (from JFM) GLYPH 256 a 62 GLYPH 256 あ 63
お	a	kern 0 -14.1pt (from 'lineend' in JFM) penalty 0 (for kinsoku) glue 0 16.50066pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 a 62

EN-JA (penなし)

a	あ	GLYPH 256 a 62 penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 あ 63 GLYPH 256 a 62
a	い	glue 0 14.1pt (from JFM) GLYPH 256 い 63 GLYPH 256 a 62
a	う	kern 1 20.0pt (from JFM) GLYPH 256 う 63

JA-明 kern (penなし)

あ		GLYPH 256 あ 63 kern 1 12.1pt (from JFM) kern 1 3.0pt
い		GLYPH 256 い 63 kern 1 3.0pt GLYPH 256 う 63
う		penalty 10000 (for kinsoku) glue 0 17.3pt (from JFM) kern 1 3.0pt

明 kern-JA (penなし)

あ		kern 1 3.0pt GLYPH 256 あ 63 kern 1 3.0pt
い		penalty 10000 (for kinsoku) glue 0 14.1pt (from JFM) GLYPH 256 い 63 kern 1 3.0pt
う		kern 1 20.0pt (from JFM) GLYPH 256 う 63

JA-hbox (penなし)

あ		GLYPH 256 あ 63 kern 1 12.1pt (from JFM) hlist 2(0.0+0.0)x0.0
い		GLYPH 256 い 63 penalty 0 (for kinsoku) hlist 2(0.0+0.0)x0.0

	GLYPH 256 う 63
	kern 0 -14.1pt (from 'lineend' in JFM)
	penalty 0 (for kinsoku)
	glue 0 31.40001pt (from JFM)
う	hlist 2(0.0+0.0)x0.0

	GLYPH 256 え 63
	kern 1 17.3pt (from JFM)
え	hlist 2(0.0+0.0)x0.0

hbox-JA (pen なし)

	hlist 2(0.0+0.0)x0.0
	penalty 0 (for kinsoku)
あ	GLYPH 256 あ 63

	hlist 2(0.0+0.0)x0.0
	glue 0 14.1pt (from JFM)
い	GLYPH 256 い 63

	hlist 2(0.0+0.0)x0.0
	kern 1 20.0pt (from JFM)
う	GLYPH 256 う 63

JA-penalty (pen なし)

TODO: この場合の挙動はこれで良いか?

	GLYPH 256 あ 63
	kern 1 12.1pt (from JFM)
あ	penalty 567

	GLYPH 256 い 63
	penalty 0 (for kinsoku)
い	penalty 567

	GLYPH 256 う 63
	kern 0 -14.1pt (from 'lineend' in JFM)
	penalty 0 (for kinsoku)
	glue 0 31.40001pt (from JFM)
う	penalty 567

	GLYPH 256 え 63
	kern 1 17.3pt (from JFM)
え	penalty 567

penalty-JA (pen なし)

TODO: この場合の挙動はこれで良いか?

	penalty 567
	penalty 0 (for kinsoku)
あ	GLYPH 256 あ 63

	penalty 567
	glue 0 14.1pt (from JFM)
い	GLYPH 256 い 63

	penalty 567
	kern 1 20.0pt (from JFM)
う	GLYPH 256 う 63

JA-JA (pen あり)

あ ア	GLYPH 256 あ 63 kern 1 20.0pt (from JFM) GLYPH 256 ア 63 GLYPH 256 あ 63
あい	kern 0 -14.1pt (from 'lineend' in JFM) penalty 123 (for kinsoku) glue 0 14.1pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 い 63 GLYPH 256 あ 63
あ ウ	kern 0 -14.1pt (from 'lineend' in JFM) penalty 123 (for kinsoku) glue 0 28.20001pt (from JFM) GLYPH 256 う 63 GLYPH 256 あ 63
い ア	kern 1 20.0pt (from JFM) GLYPH 256 ア 63 GLYPH 256 い 63
いい	penalty 123 (for kinsoku) glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 い 63 GLYPH 256 い 63
い ウ	penalty 123 (for kinsoku) glue 0 14.1pt (from JFM) GLYPH 256 う 63

JA-EN (pen あり)

あ a	GLYPH 256 あ 63 kern 1 12.1pt (from JFM) GLYPH 256 a 62 GLYPH 256 い 63
い a	penalty 123 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 a 62 GLYPH 256 う 63
う a	kern 0 -14.1pt (from 'lineend' in JFM) penalty 123 (for kinsoku) glue 0 31.40001pt (from JFM) GLYPH 256 a 62 GLYPH 256 え 63
え a	kern 1 17.3pt (from JFM) GLYPH 256 a 62 GLYPH 256 あ 63
お a	kern 0 -14.1pt (from 'lineend' in JFM) penalty 123 (for kinsoku) glue 0 16.50066pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 a 62

EN-JA (pen あり)

a あ	GLYPH 256 a 62 penalty 321 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 あ 63 GLYPH 256 a 62
a い	penalty 321 (for kinsoku) glue 0 14.1pt (from JFM) GLYPH 256 い 63 GLYPH 256 a 62
a う	kern 1 20.0pt (from JFM) GLYPH 256 う 63

italic correction

f (あ)	GLYPH 256 f 37 kern 1 2.11945pt (italic correction) penalty 10000 (for kinsoku) glue 0 5.0pt minus 5.0pt (from JFM) hlist 0(8.8+1.2)x5.0 glue set -0.0976fil . glue 0 0.0pt plus 1.0fil minus 1.0fil . GLYPH 0 (60 kern 1 0.0pt (italic correction) glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil
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[x]kanjiskip の挿入

kanjiskip from JFM, autospacing (JA-JA)

ああ	hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 あ 63
ああ	hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil glue 0 1.0pt plus 0.4pt minus 0.5pt (kanjiskip) GLYPH 256 あ 63
はあ	GLYPH 256 は 66 glue 0 1.1pt plus 0.44pt minus 0.55pt (kanjiskip) GLYPH 256 あ 63
あああ	hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil glue 0 0.0pt (kanjiskip) hlist 0(8.8+1.2)x10.0 glue set 1.0009fil . GLYPH 0 あ 60 . glue 0 0.0pt plus 1.0fil minus 1.0fil

kanjiskip from JFM/autospacing (JA-EN)

ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 x 62
ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 x 62
ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) glue 0 0.0pt (xkanjiskip) GLYPH 256 x 62
ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) glue 0 3.1pt plus 0.45pt minus 0.57pt (xkanjiskip) GLYPH 256 x 62
ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) GLYPH 256 x 62
ま x	GLYPH 256 ま 63 penalty 0 (for kinsoku) GLYPH 256 x 62

kanjiskip from JFM/autospacing (EN-JA)

x ま	GLYPH 256 x 62 penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 ま 63
x ま	GLYPH 256 x 62 penalty 0 (for kinsoku) glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip) GLYPH 256 ま 63
x ま	GLYPH 256 x 62 penalty 0 (for kinsoku) glue 0 0.0pt (xkanjiskip) GLYPH 256 ま 63
x ま	GLYPH 256 x 62 penalty 0 (for kinsoku) glue 0 0.0pt (xkanjiskip) GLYPH 256 ま 63
x ま	GLYPH 256 x 62 penalty 0 (for kinsoku) GLYPH 256 ま 63
x まお x	GLYPH 256 x 62 penalty 0 (for kinsoku) GLYPH 256 ま 63 glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip) GLYPH 256 お 63 kern 0 -14.1pt (from 'lineend' in JFM) penalty 0 (for kinsoku) kern 1 14.1pt (might be replaced) GLYPH 256 x 62

あった, ? ので

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GLYPH 256 あ 51
penalty 150 (for kinsoku)
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256 っ 51
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256 っ 51
penalty 10000 (for kinsoku)
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
hlist 0(8.45029+1.15231)x4.8013 glue set -4.8013fil
. GLYPH 0 , 51
. glue 0 0.0pt plus 1.0fil minus 1.0fil
penalty 10000 (for kinsoku)
glue 0 4.8013pt minus 4.8013pt (from JFM)
GLYPH 256 ? 51
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256 の 51
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256 て 51
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