〝　　　　　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

／
「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

0 1 0

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

JFM

JA–JA (pen　　)

```
GLYPH 256    63
kern 1 20.0pt (from JFM)
GLYPH 256    63
GLYPH 256    63
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    63
GLYPH 256    63
kern 0 -14.1pt (from 'lineend' in JFM)
penalty 0 (for kinsoku)
glue 0 28.20001pt (from JFM)
GLYPH 256    63
GLYPH 256    63
kern 1 20.0pt (from JFM)
GLYPH 256    63
GLYPH 256    63
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256    63
GLYPH 256    63
glue 0 14.1pt (from JFM)
GLYPH 256    63
```

JA–EN (pen　　)

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

EN–JA (pen　　)

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

JA–　kern (pen　　　)

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

kern–JA (pen　　　)

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

JA–hbox (pen　　)

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

```
GLYPH 256    63
kern 0 -14.1pt (from 'lineend' in JFM)
penalty 0 (for kinsoku)
glue 0 31.40001pt (from JFM)
hlist 2(0.0+0.0)x0.0
GLYPH 256    63
kern 1 17.3pt (from JFM)
hlist 2(0.0+0.0)x0.0
```

hbox–JA (pen　　)

```
hlist 2(0.0+0.0)x0.0
penalty 0 (for kinsoku)
GLYPH 256    63
hlist 2(0.0+0.0)x0.0
glue 0 14.1pt (from JFM)
GLYPH 256    63
hlist 2(0.0+0.0)x0.0
kern 1 20.0pt (from JFM)
GLYPH 256    63
```

JA–penalty (pen　　　)
TODO: この場合の挙動はこれで良いか?

```
GLYPH 256    63
kern 1 12.1pt (from JFM)
penalty 567
GLYPH 256    63
penalty 0 (for kinsoku)
penalty 567
GLYPH 256    63
kern 0 -14.1pt (from 'lineend' in JFM)
penalty 0 (for kinsoku)
glue 0 31.40001pt (from JFM)
penalty 567
GLYPH 256    63
kern 1 17.3pt (from JFM)
penalty 567
```

penalty–JA (pen　　　)
TODO: この場合の挙動はこれで良いか?

```
penalty 567
penalty 0 (for kinsoku)
GLYPH 256    63
penalty 567
glue 0 14.1pt (from JFM)
GLYPH 256    63
penalty 567
kern 1 20.0pt (from JFM)
GLYPH 256    63
```

JA–JA (pen 　)

```
GLYPH 256    63
kern 1 20.0pt (from JFM)
GLYPH 256    63
GLYPH 256    63
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    63
GLYPH 256    63
kern 0 -14.1pt (from 'lineend' in JFM)
penalty 123 (for kinsoku)
glue 0 28.20001pt (from JFM)
GLYPH 256    63
GLYPH 256    63
kern 1 20.0pt (from JFM)
GLYPH 256    63
GLYPH 256    63
penalty 123 (for kinsoku)
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256    63
GLYPH 256    63
penalty 123 (for kinsoku)
glue 0 14.1pt (from JFM)
GLYPH 256    63
```

JA–EN (pen 　)

a

a

a

a

a

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

a

a

a

```
GLYPH 256 a 62
penalty 321 (for kinsoku)
glue 0 2.40065pt plus 1.0pt minus 1.0pt (xkanjiskip)
GLYPH 256    63
GLYPH 256 a 62
penalty 321 (for kinsoku)
glue 0 14.1pt (from JFM)
GLYPH 256    63
GLYPH 256 a 62
kern 1 20.0pt (from JFM)
GLYPH 256    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    60
.  glue 0 0.0pt plus 1.0fil minus 1.0fil
```

[x]kanjiskip

kanjiskip from JFM, autospacing (JA–JA)

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

kanjiskip from JFM/autoxspacing (JA–EN)

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

kanjiskip from JFM/autoxspacing (EN–JA)

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

```
GLYPH 256    51
penalty 150 (for kinsoku)
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256    51
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256    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    51
glue 0 0.0pt plus 0.4pt minus 0.4pt (kanjiskip)
GLYPH 256    51
```