作りましょう 0.10

パラメタ方式フォントファミリ
校とプリティプリントのソース

Tsukurimashou 0.10

Parametric Font Family
Proofs and pretty-printed source code

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Proofs and pretty-printed source code for Tsukurimashou
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```
%
% Unicode page 5C (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

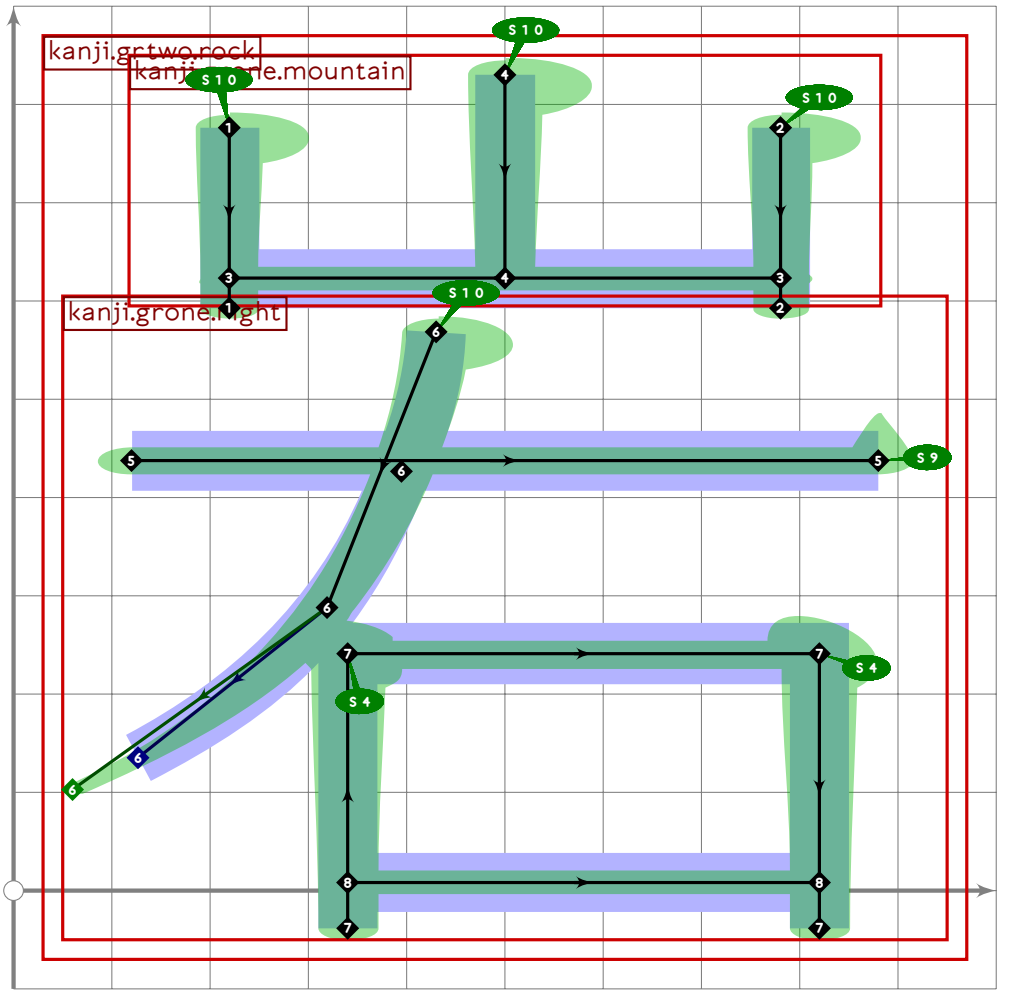
---

beginfont

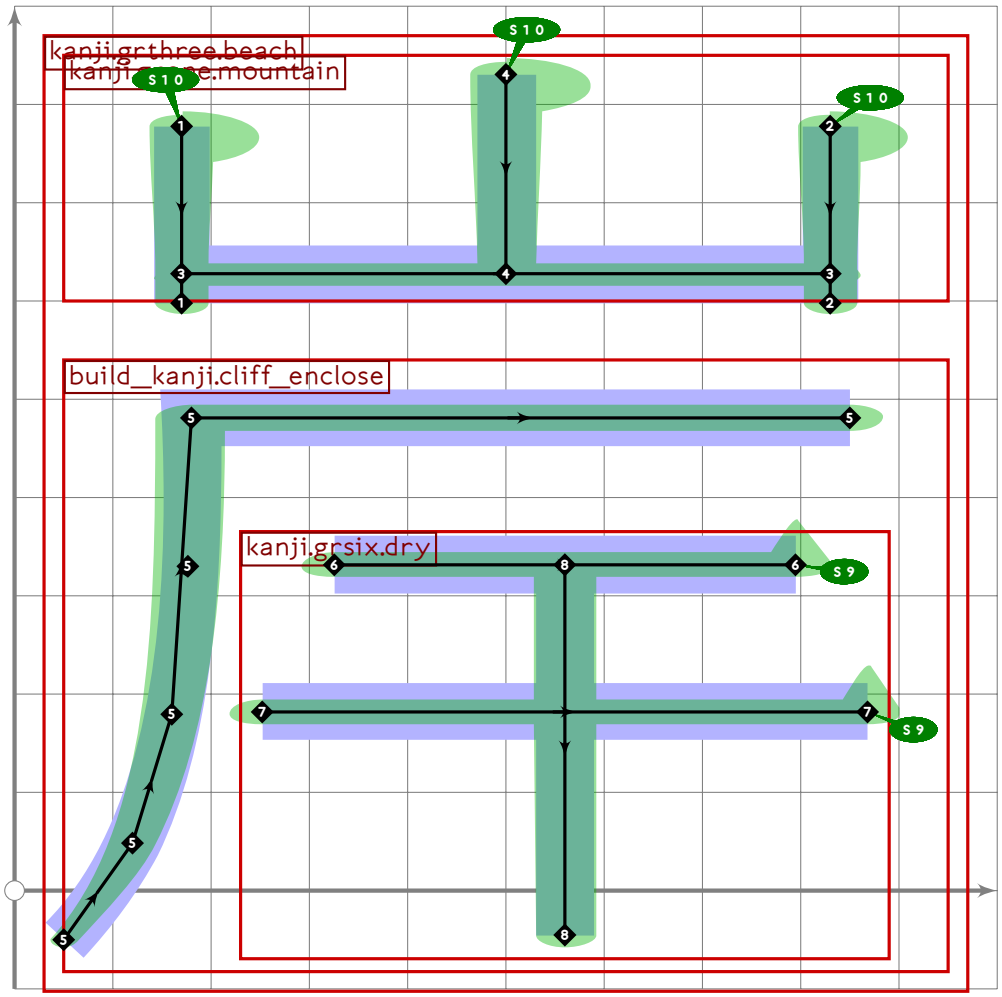
% AUTODEPS
input bkencl.mp;
input bottomrad.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input radical.mp;
input rare.mp;
input rightrad.mp;
input toprad.mp;

do_late_includes;

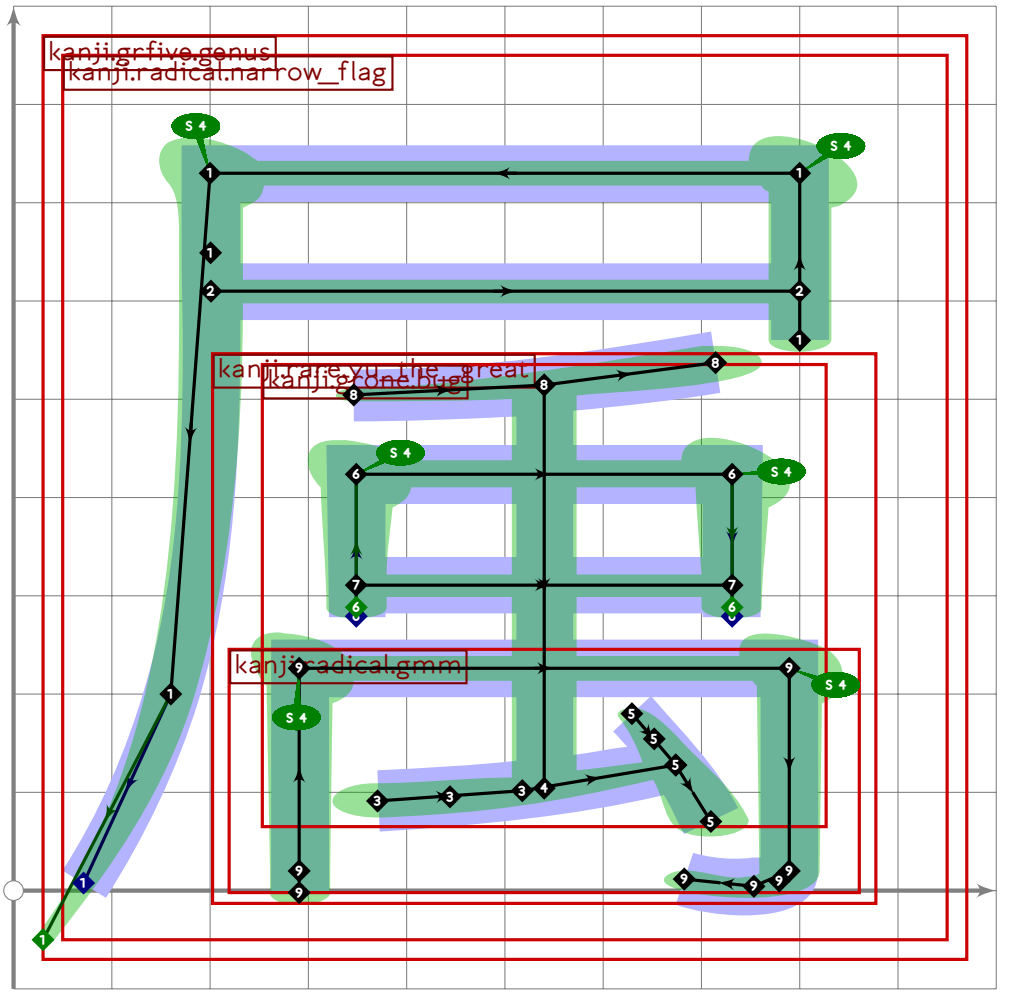
---
```



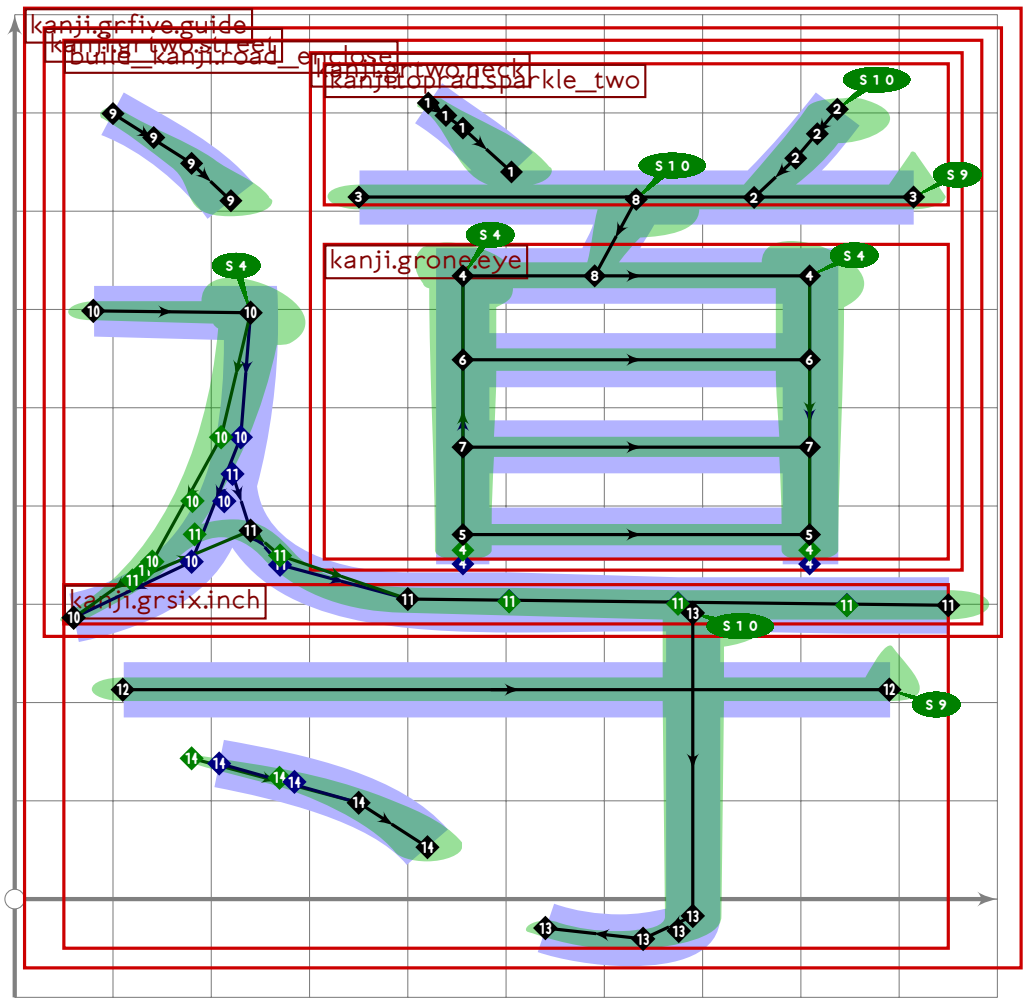

```
54
55 vardef  kanji.grtwo.rock  =
56   push_pbox_toexpand("kanji.grtwo.rock");
57   build_kanji.level(build_kanji.tb(600,10)
58     (build_kanji.sscale(xscaled  0.85)(kanji.grone.mountain))
59     (kanji.grone.right));
60   expand_pbox;
61 enddef;
62
63 ---------------------------------------------------------------
```



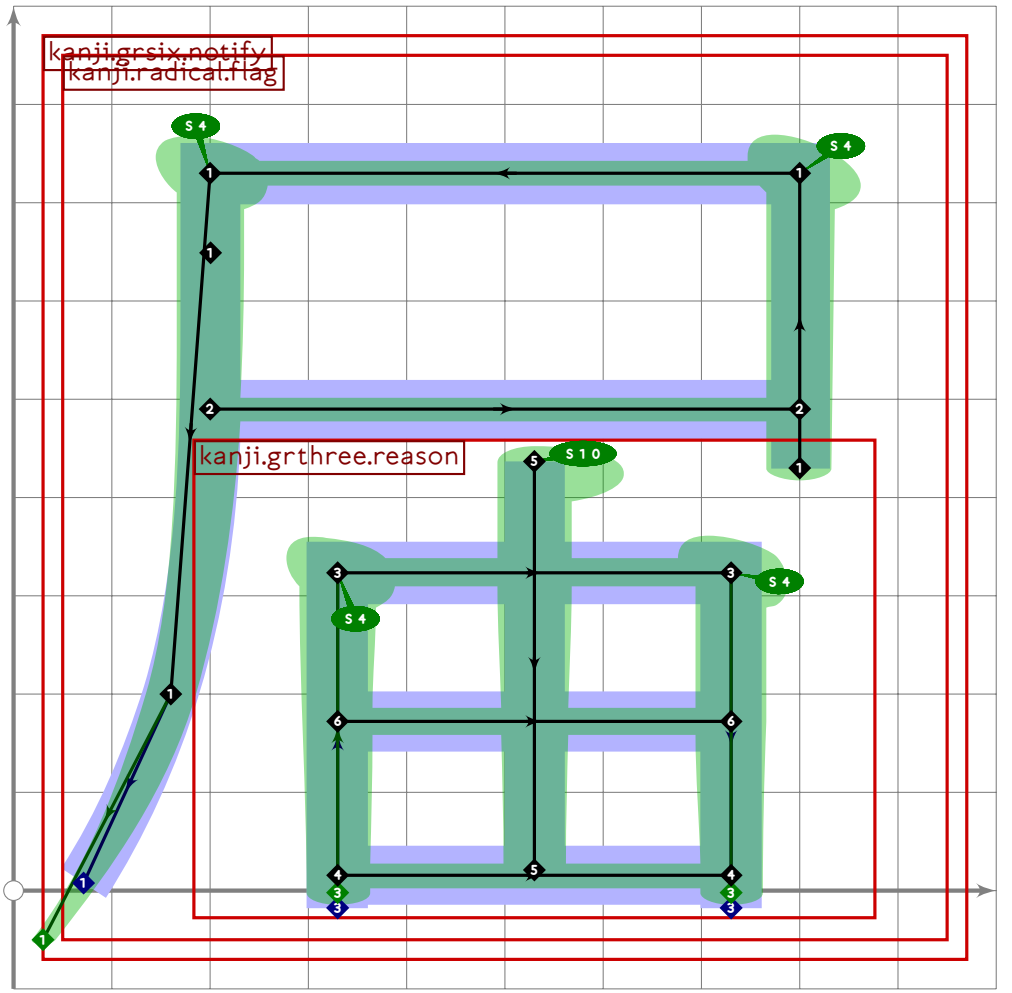

```
64
65 vardef kanji.grthree.beach =
66   push_pbox_toexpand("kanji.grthree.beach");
67   build_kanji.level(build_kanji.tb(570,-60)
68     (kanji.grone.mountain)
69     (build_kanji.cliff_enclose(
70       build_kanji.sscale(yscaled 0.85 shifted (0,-100))
71         (kanji.grsix.dry))));
72   expand_pbox;
73 enddef;
74
75 ---------------------------------------------------------------------------
```



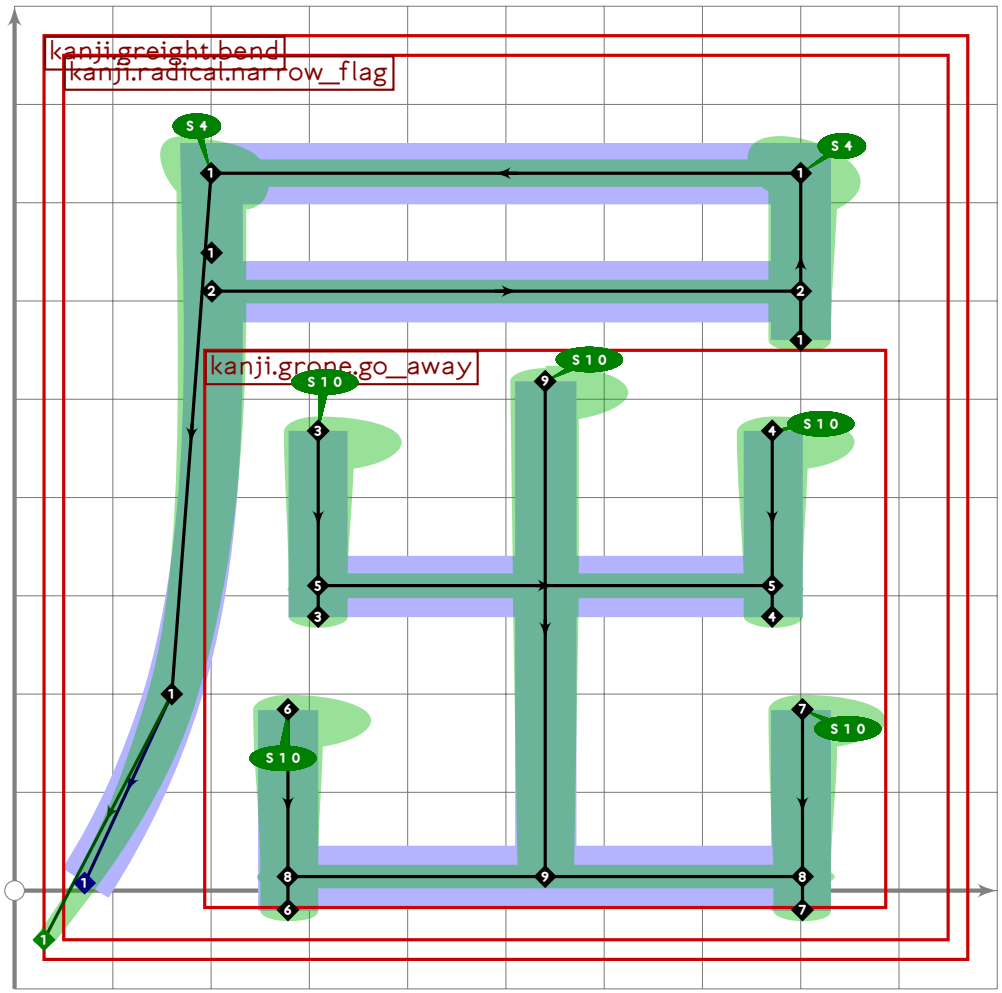

```
76
77 vardef kanji.grfive.genus =
78   push_pbox_toexpand("kanji.grfive.genus");
79   build_kanji.level(
80     kanji.radical.narrow_flag;
81     build_kanji.sscale(xyscaled (0.75,0.55) shifted (40,-150))
82       (kanji.rare.yu_the_great));
83   expand_pbox;
84 enddef;
```



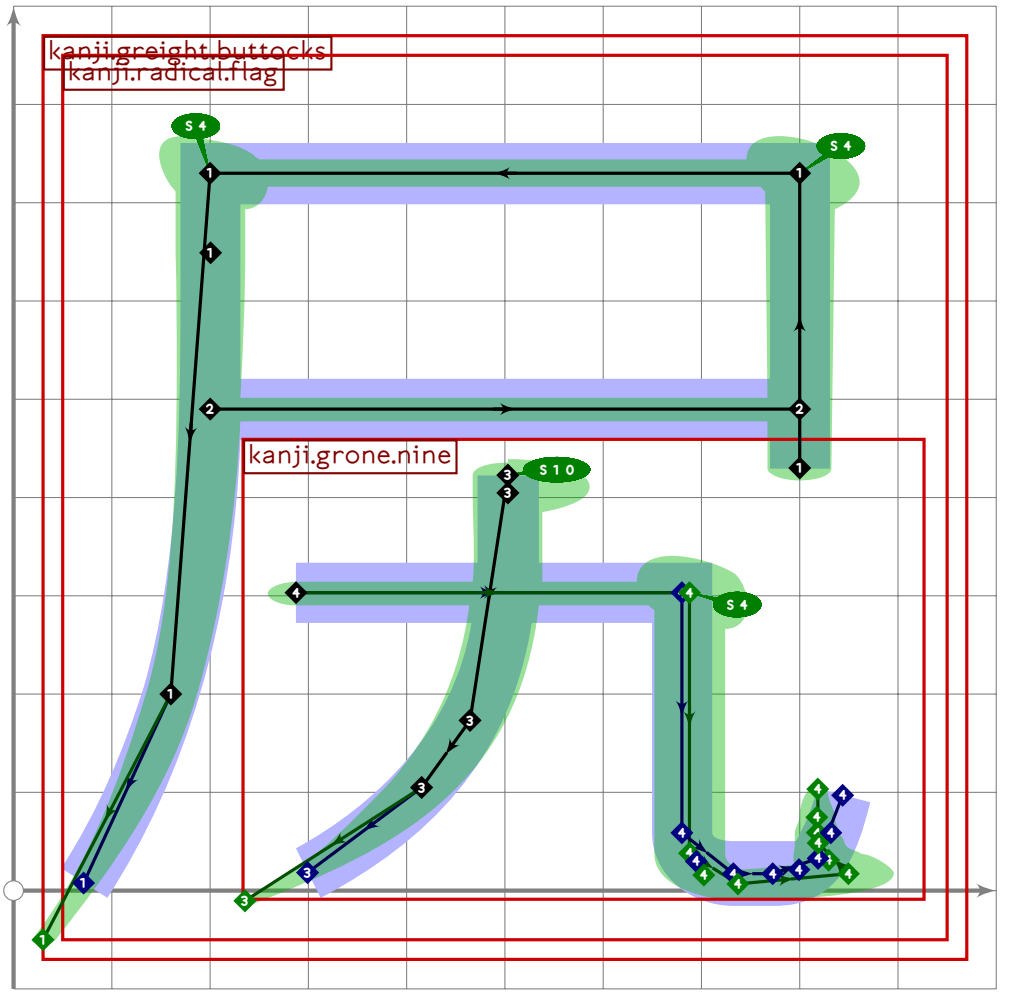

```
vardef  kanji.grfive.guide =
   push_pbox_toexpand("kanji.grfive.guide");
   build_kanji.level(build_kanji.tb(300,40)
      (kanji.grtwo.street)
      (kanji.grsix.inch));
   expand_pbox;
enddef;
```



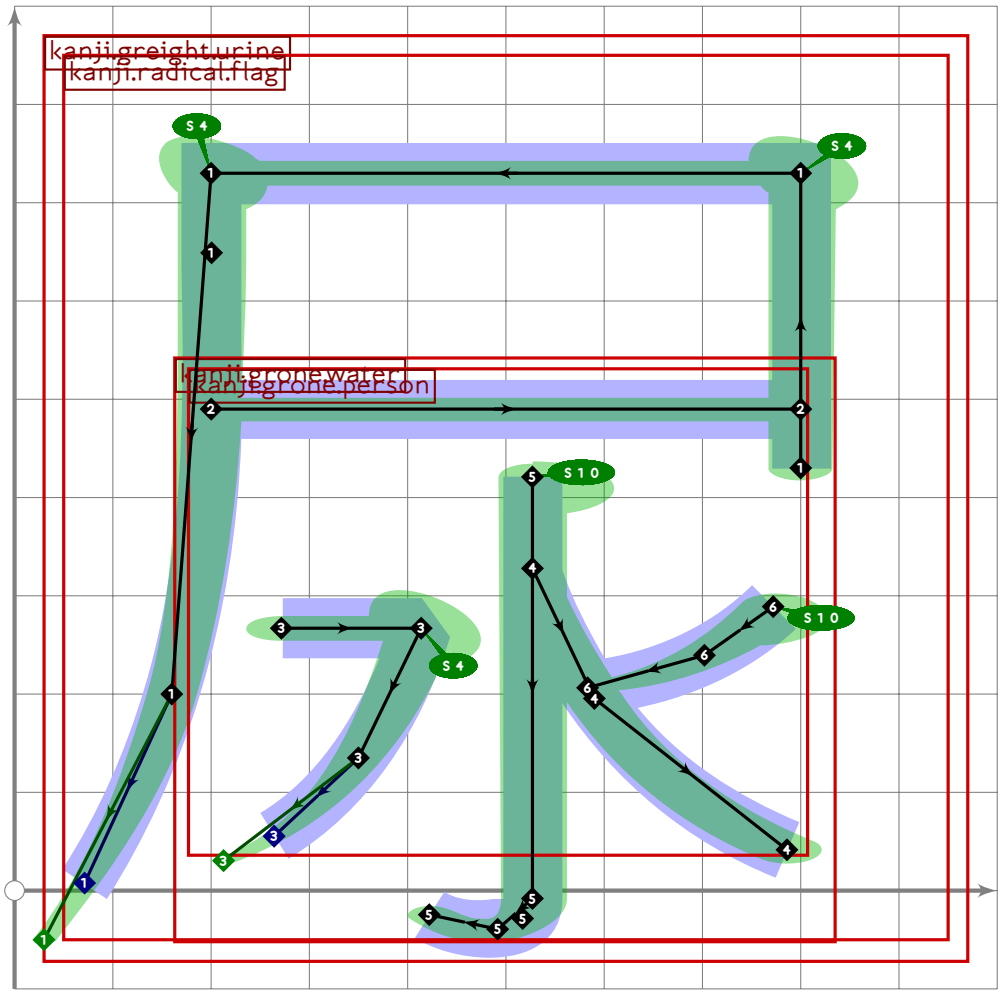

```
95
96 vardef kanji.grsix.notify =
97   push_pbox_toexpand("kanji.grsix.notify");
98   build_kanji.level(
99     kanji.radical.flag;
100    build_kanji.sscale(xyscaled (0.77,0.54) shifted (30,-180))
101      (kanji.grthree.reason));
102  expand_pbox;
103 enddef;
104
105 ---------------------------------------------------------------------------
```



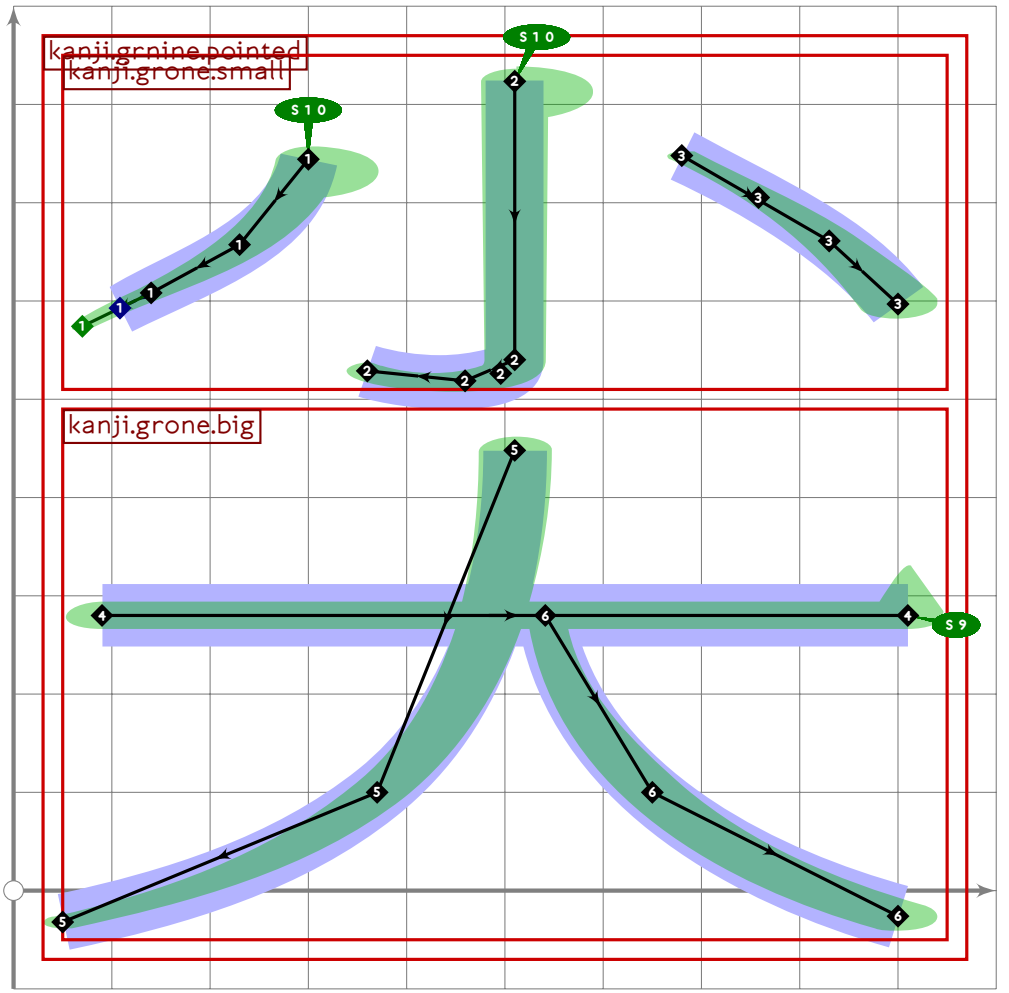

```
106
107 vardef  kanji.greight.bend  =
108   push_pbox_toexpand("kanji.greight.bend");
109   build_kanji.level(
110     kanji.radical.narrow_flag;
111     build_kanji.sscale(xyscaled  (0.77,0.63)  shifted  (40,-130))
112       (kanji.grone.go_away));
113   expand_pbox;
114 enddef;
```




```
115
116 vardef  kanji.greight.buttocks =
117   push_pbox_toexpand("kanji.greight.buttocks");
118   build_kanji.level(
119     kanji.radical.flag;
120     build_kanji.sscale(xyscaled (0.77,0.52) shifted (80,-170))
121       (kanji.grone.nine));
122   expand_pbox;
123 enddef;
```




```
124
125 vardef kanji.greight.urine =
126   push_pbox_toexpand("kanji.greight.urine");
127   build_kanji.level(
128     kanji.radical.flag;
129     build_kanji.sscale(xyscaled (0.7,0.55) shifted (20,-200))
130       (kanji.grone.water));
131   expand_pbox;
132 enddef;
133
134 ---------------------------------------------------------------
```




```
vardef kanji.grnine.pointed =
  push_pbox_toexpand("kanji.grnine.pointed");
  build_kanji.tb(500,-20)
    (kanji.grone.small)
    (kanji.grone.big);
  expand_pbox;
enddef;

---

% not in dictionaries by itself, but appears as right of "professional"
begintsuglyph("uni5C03",3);                                  [see page 868]
  kanji.rightrad.professional;
  tsu_render;
endtsuglyph;

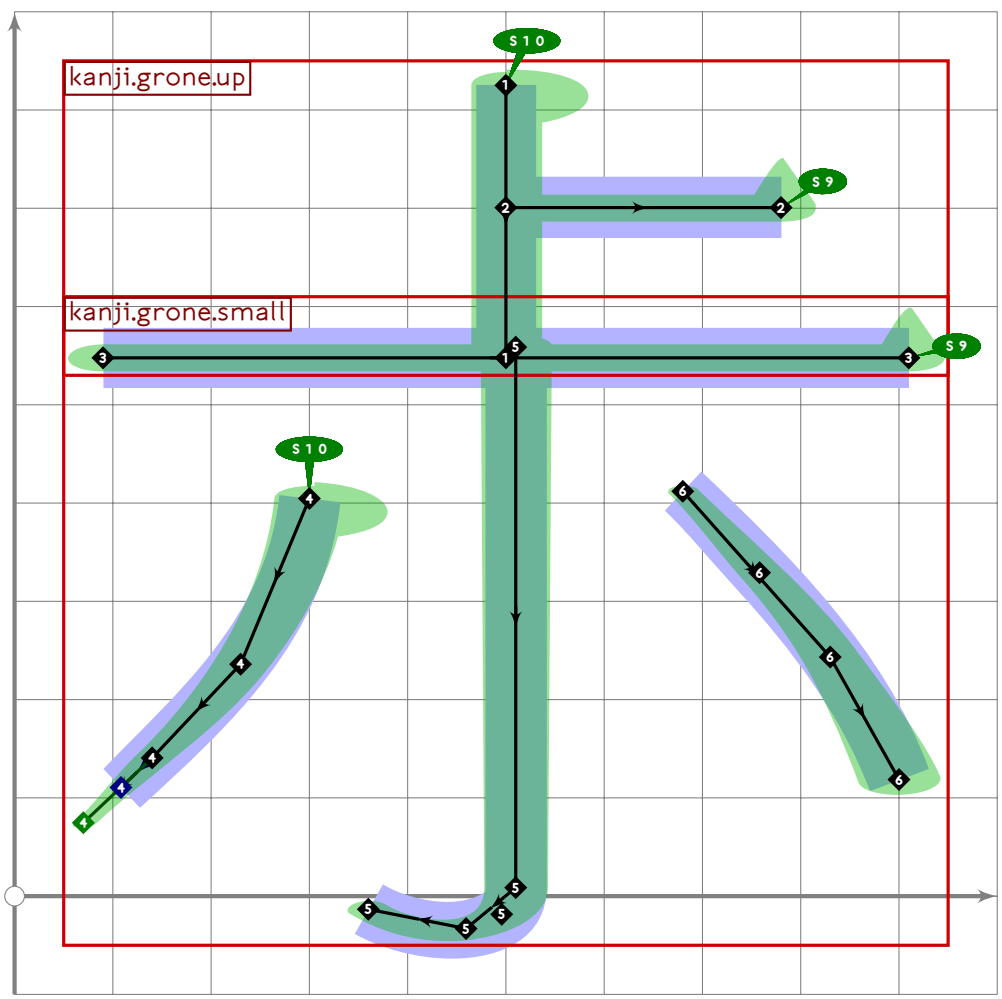
% dou/michi "guide"
begintsuglyph("uni5C0E",14);                                 [see page 2239]
  kanji.grfive.guide;
  tsu_render;
```

```
endtsuglyph;

% shuu/chii "small"
begintsuglyph("uni5C0F",15);                                    [see page 476]
  kanji.grone.small;
  tsu_render;
endtsuglyph;

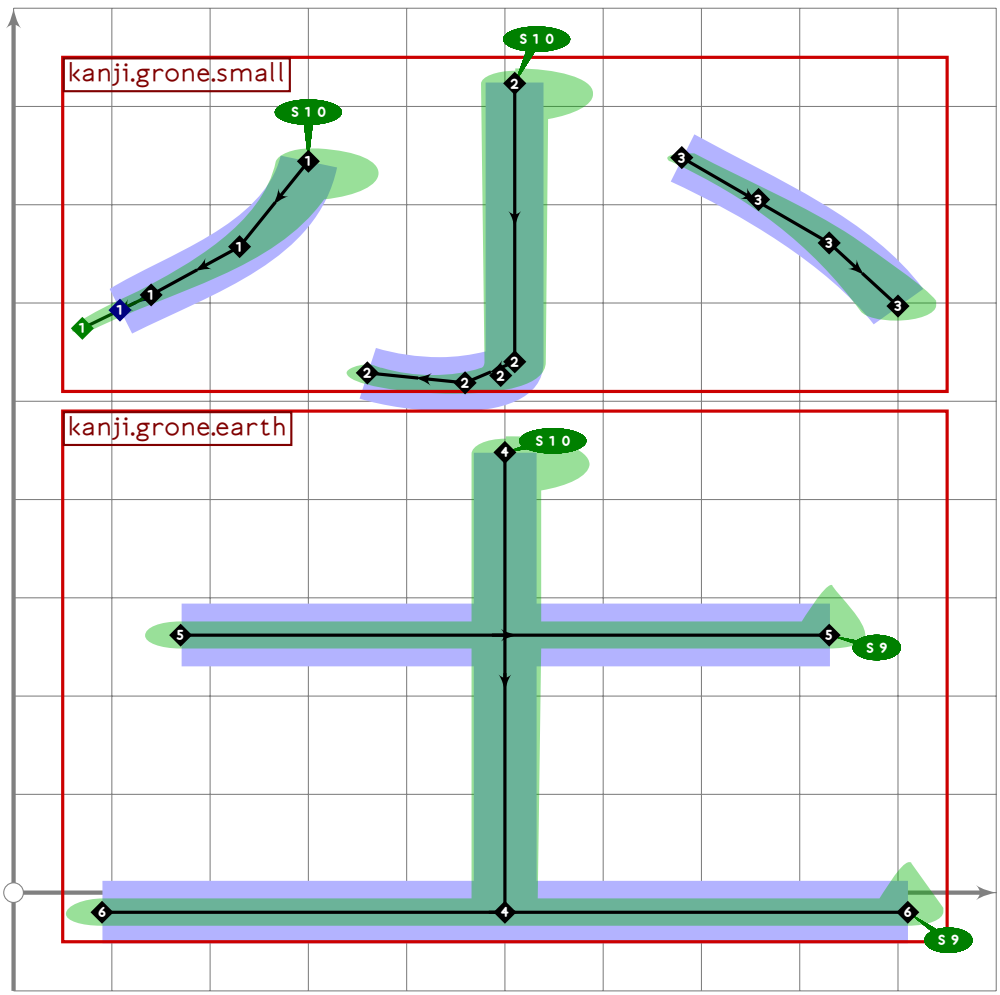
% sho/suko "little"
begintsuglyph("uni5C11",17);                                    [see page 536]
  kanji.grtwo.little;
  tsu_render;
endtsuglyph;

% pointed
begintsuglyph("uni5C16",22);                                    [see page 2244]
  kanji.grnine.pointed;
  tsu_render;
endtsuglyph;
```




```
% extra "younger brother"
```

```
177 begintsuglyph("uni5C17",23);
178   build_kanji.level(build_kanji.tb(570,80)
179     (kanji.grone.up)
180     (kanji.grone.small;set_boserif(-1,0,whatever)));
181   tsu_render;
182 endtsuglyph;
183
```




```
184 % extra
185 begintsuglyph("uni5C18",24);
186   build_kanji.tb(500,-20)
187     (kanji.grone.small)
188     (kanji.grone.earth);
189   tsu_render;
190 endtsuglyph;
191
192 % gyou/taka "high" as in mountain
193 begintsuglyph("uni5C2D",45);
194   kanji.grnine.mountain_high;
195   tsu_render;
196 endtsuglyph;
197
```

[see page 965]

```
% shi/katashiro "corpse" or "flag radial"
begintsuglyph("uni5C38",56);                                    [see page 834]
  kanji.radical.flag;
  tsu_render;
endtsuglyph;

% in/osa "a particular official rank"
begintsuglyph("uni5C39",57);                                    [see page 1007]
  kanji.rare.director;
  tsu_render;
endtsuglyph;

% shaku "foot (unit of measure)," "bamboo flute," or "blowjob"
begintsuglyph("uni5C3A",58);                                    [see page 787]
  kanji.grsix.blowjob;
  tsu_render;
endtsuglyph;

% kou/shiri "buttocks"
begintsuglyph("uni5C3B",59);                                    [see page 2242]
  kanji.greight.buttocks;
  tsu_render;
endtsuglyph;

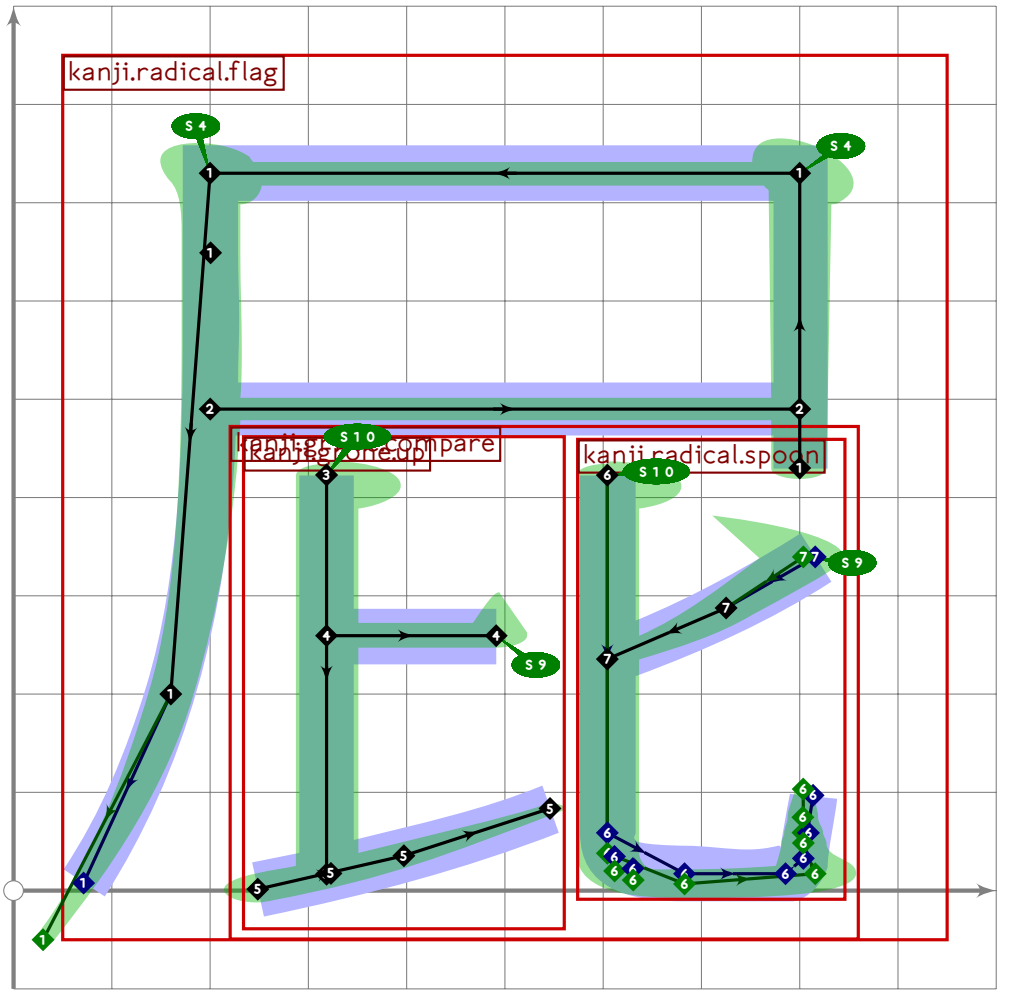
% ni/ama "nun"
begintsuglyph("uni5C3C",60);                                    [see page 916]
  kanji.greight.nun;
  tsu_render;
endtsuglyph;

% bi/o "tail"
begintsuglyph("uni5C3E",62);                                    [see page 934]
  kanji.greight.tail;
  tsu_render;
endtsuglyph;

% nyou "urine"
begintsuglyph("uni5C3F",63);                                    [see page 2243]
  kanji.greight.urine;
  tsu_render;
endtsuglyph;

% kyoku/tsubone "bureau"
begintsuglyph("uni5C40",64);                                    [see page 600]
  kanji.grthree.bureau;
  tsu_render;
endtsuglyph;

```




```
% extra "fart"
begintsuglyph("uni5C41",65);
  build_kanji.level(
    kanji.radical.flag;
    build_kanji.sscale(xyscaled (0.68,0.52) shifted (40,-170))
      (kanji.grfive.compare));
  tsu_render;
endtsuglyph;

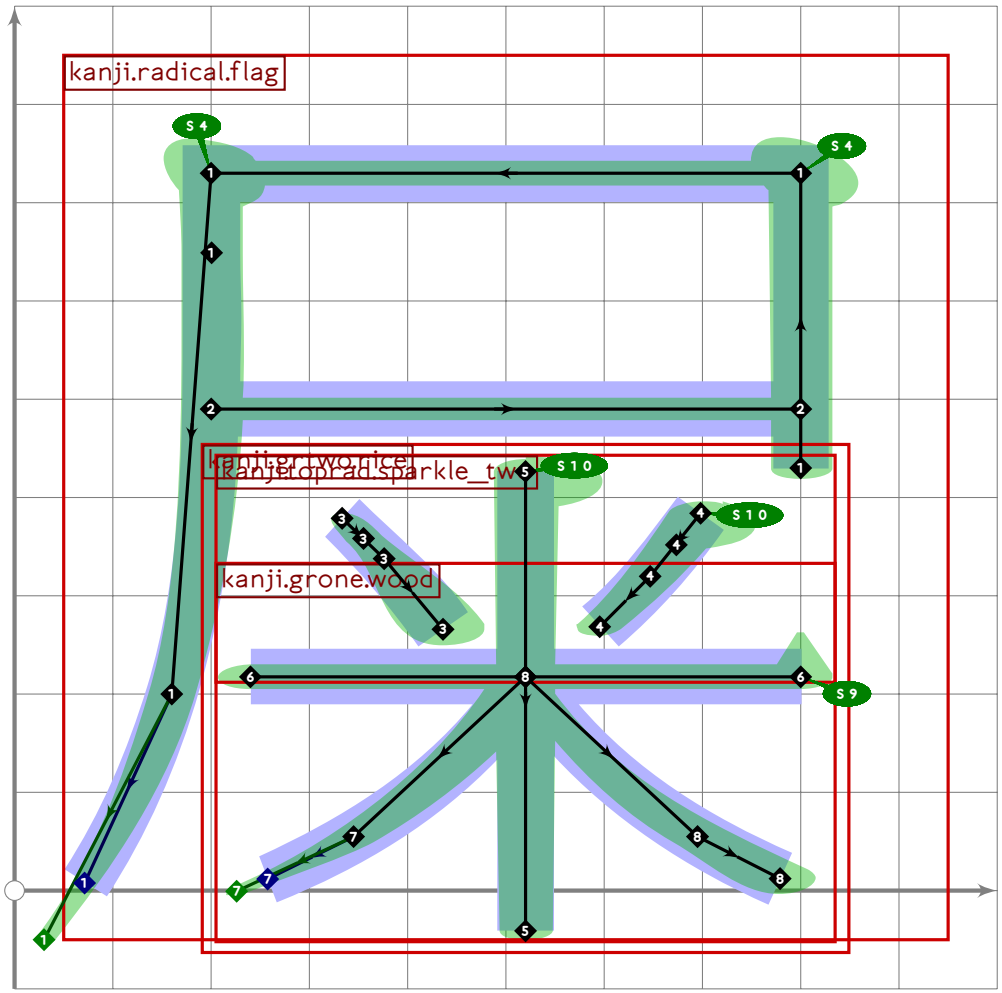
% kyo/i "reside"
begintsuglyph("uni5C45",69);                                  [see page 773]
  kanji.grfive.reside;
  tsu_render;
endtsuglyph;

% kutsu/kaga "bend"
begintsuglyph("uni5C48",72);                                  [see page 2241]
  kanji.greight.bend;
  tsu_render;
endtsuglyph;

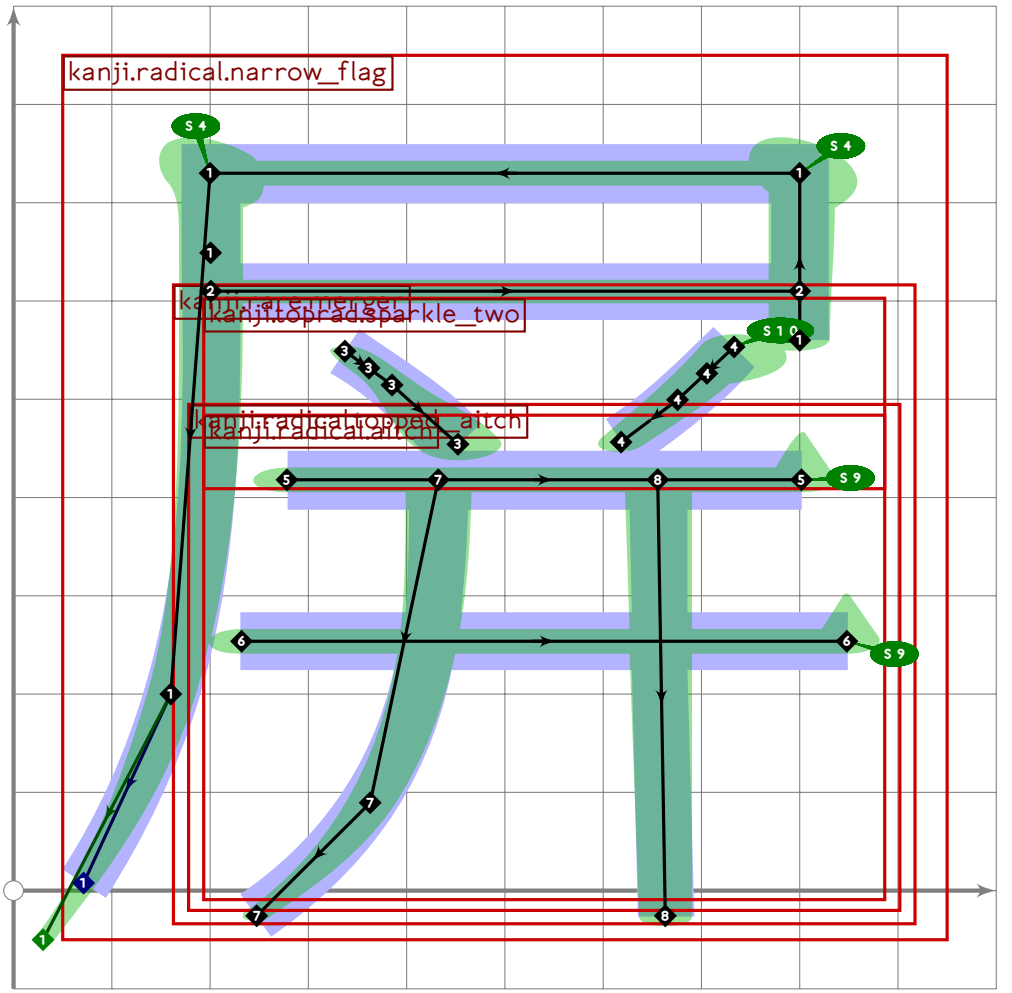
```

```
% kai/todo "notify"
begintsuglyph("uni5C4A",74);                                    [see page 2240]
  kanji.grsix.notify;
  tsu_render;
endtsuglyph;

% oku/ya "house"
begintsuglyph("uni5C4B",75);                                    [see page 630]
  kanji.grthree.house;
  tsu_render;
endtsuglyph;
```



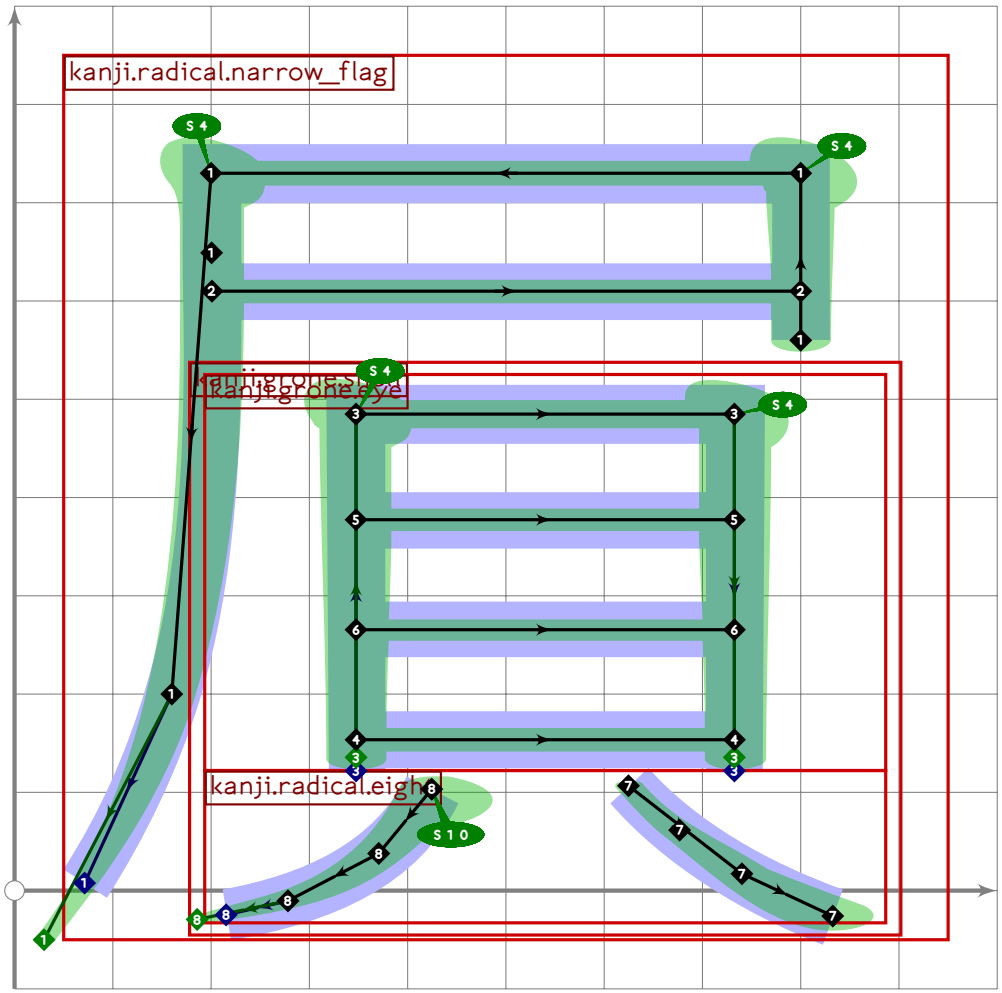

```
% extra "shit"
begintsuglyph("uni5C4E",78);
  build_kanji.level(
    kanji.radical.flag;
    build_kanji.sscale(xyscaled (0.7,0.55) shifted (20,-200))
      (kanji.grtwo.rice));
  tsu_render;
endtsuglyph;
```




```
% extra "fence"
begintsuglyph("uni5C4F",79);
  build_kanji.level(
    kanji.radical.narrow_flag;
    build_kanji.sscale(xyscaled (0.77,0.68) shifted (40,-100))
      (kanji.rare.merger));
  tsu_render;
endtsuglyph;

% setsu/kuzu "chad"
begintsuglyph("uni5C51",81);
  kanji.grnine.chad;
  tsu_render;
endtsuglyph;
```

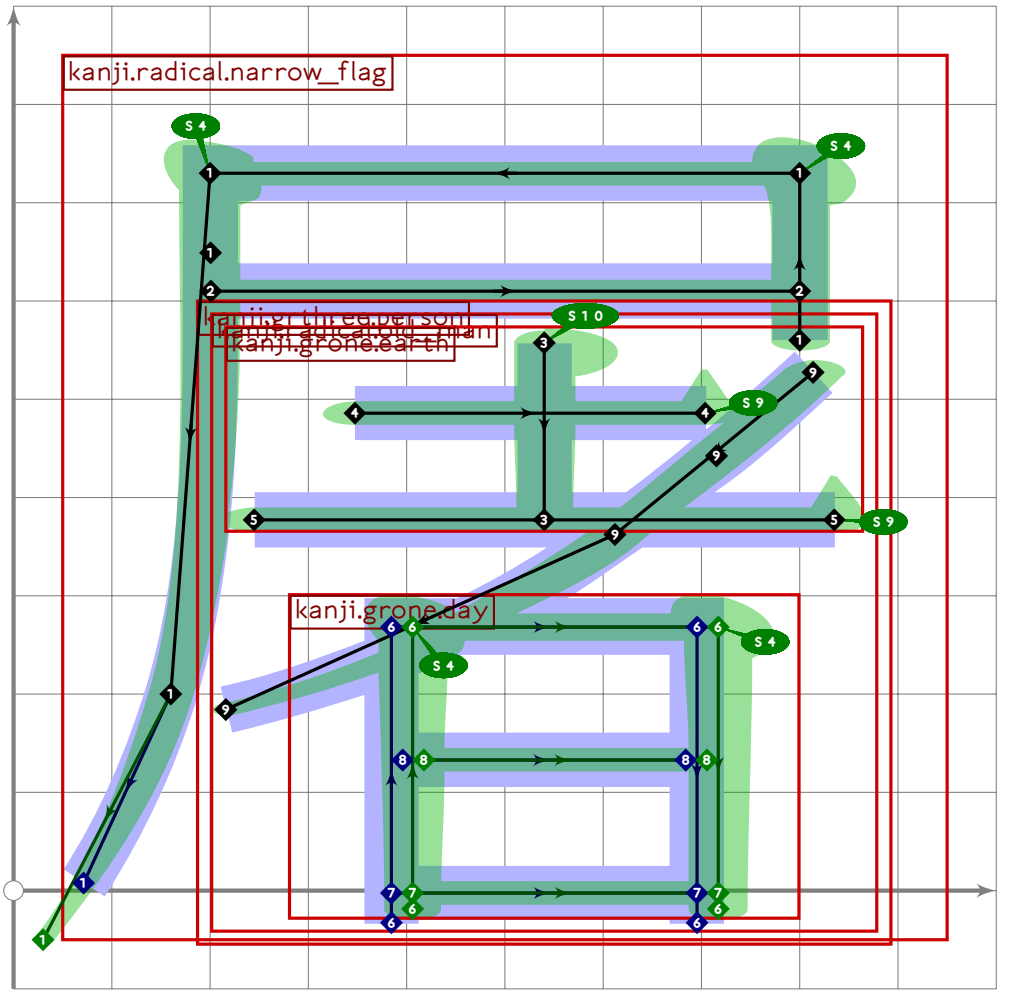
[see page 950]




```
% extra "exerting strength, in aikido"
begintsuglyph("uni5C53",83);
  build_kanji.level(
    kanji.radical.narrow_flag;
    build_kanji.sscale(xyscaled (0.77,0.62) shifted (40,-150))
      (kanji.grone.shell));
  tsu_render;
endtsuglyph;

% zoku/sakan "genus" (or "dependent abstract thing")
begintsuglyph("uni5C5E",94);
  kanji.grfive.genus;
  tsu_render;
endtsuglyph;
```

[see page 2238]




```
% extra "slaughter"
begintsuglyph("uni5C60",96);
  build_kanji.level(
    kanji.radical.narrow_flag;
    build_kanji.sscale(xyscaled (0.72,0.66) shifted (40,-120))
      (kanji.grthree.person));
  tsu_render;
endtsuglyph;

% geki/saka "disobedient"
begintsuglyph("uni5C70",112);                                  [see page 1008]
  kanji.rare.disobedient;
  tsu_render;
endtsuglyph;

% yama/san "mountain"
begintsuglyph("uni5C71",113);                                  [see page 455]
  kanji.grone.mountain;
  tsu_render;
endtsuglyph;

```

```
% kou/oka "hill"
begintsuglyph("uni5CA1",161);                                    [see page 906]
  kanji.greight.hill;
  tsu_render;
endtsuglyph;

% gan/iwa "rock"
begintsuglyph("uni5CA9",169);                                    [see page 2236]
  kanji.grtwo.rock;
  tsu_render;
endtsuglyph;

% gan/kishi "beach"
begintsuglyph("uni5CB8",184);                                    [see page 2237]
  kanji.grthree.beach;
  tsu_render;
endtsuglyph;

% tou/shima "island"
begintsuglyph("uni5CF6",246);                                    [see page 635]
  kanji.grthree.island;
  tsu_render;
endtsuglyph;

---

endfont;

---
```

```
%
% Unicode page 5D (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

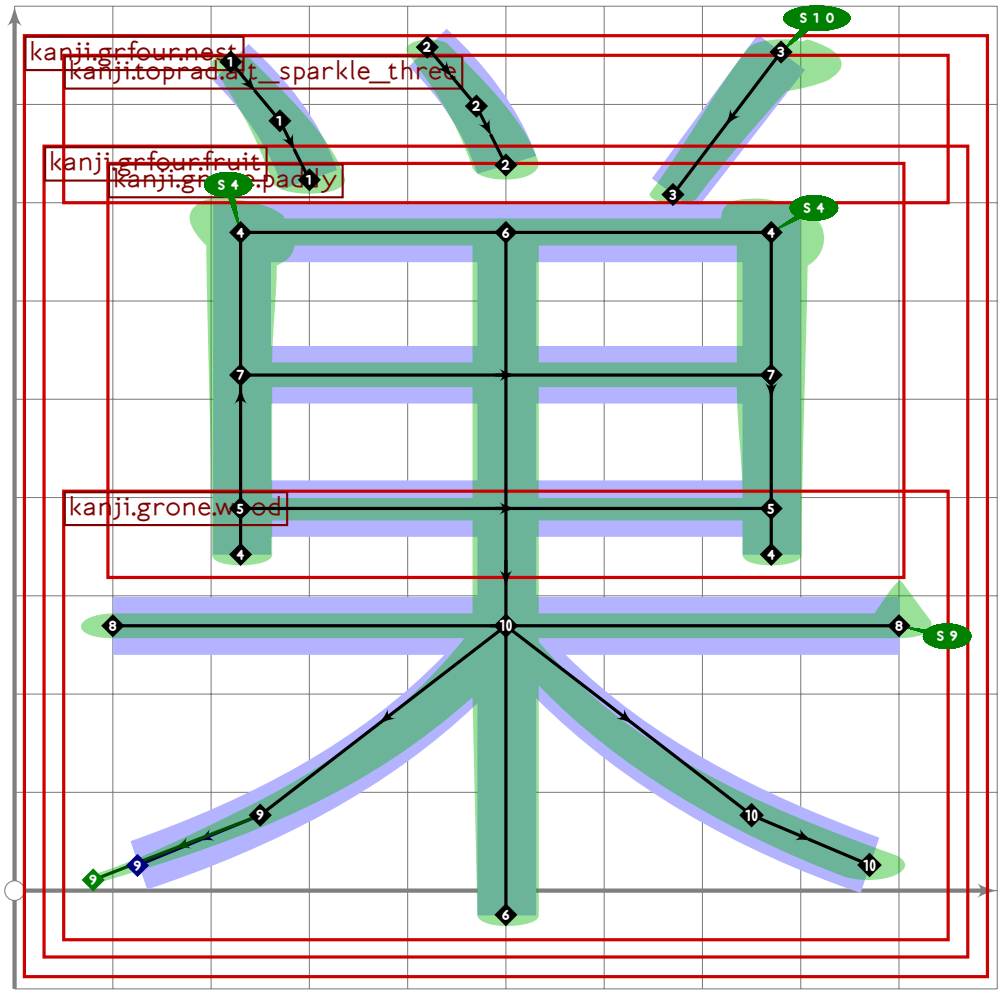
---

beginfont

% AUTODEPS
input buildkanji.mp;
input gradeeight.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input radical.mp;
input rare.mp;
input toprad.mp;

do_late_includes;

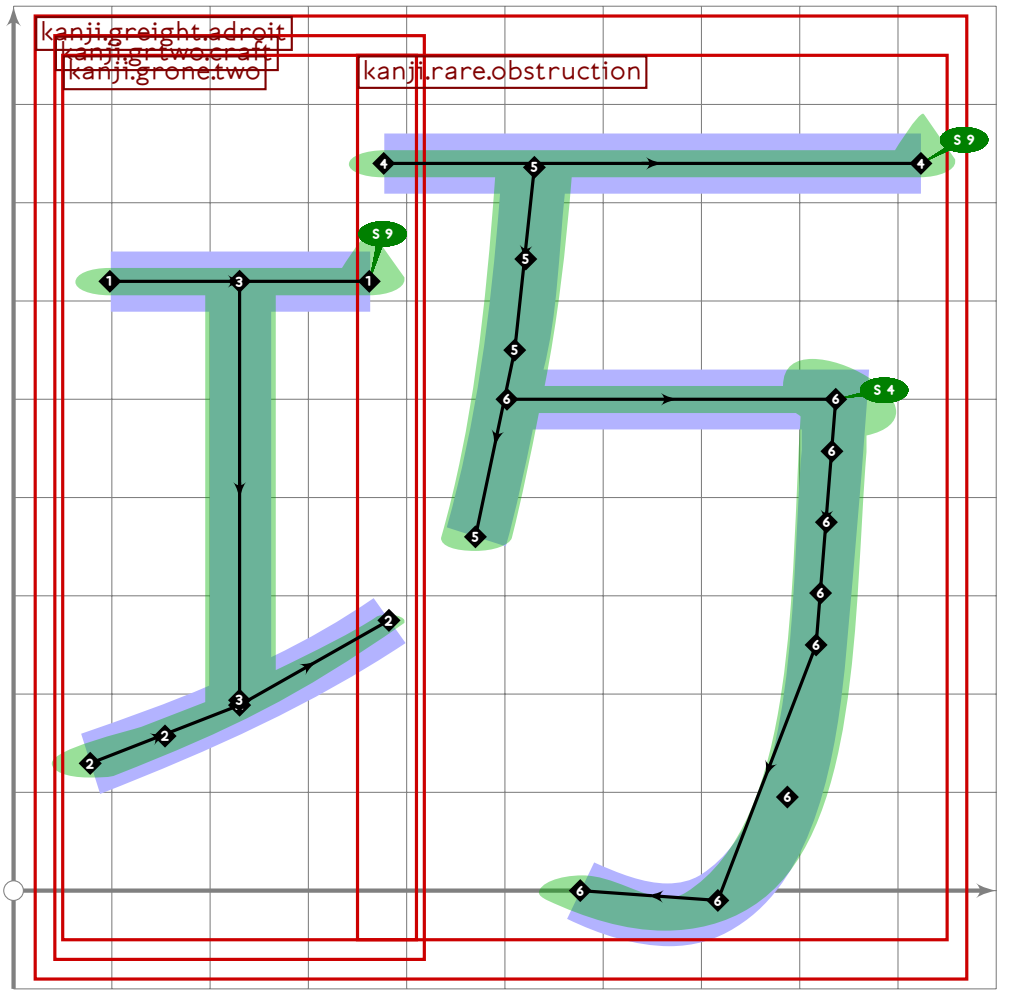
---
```



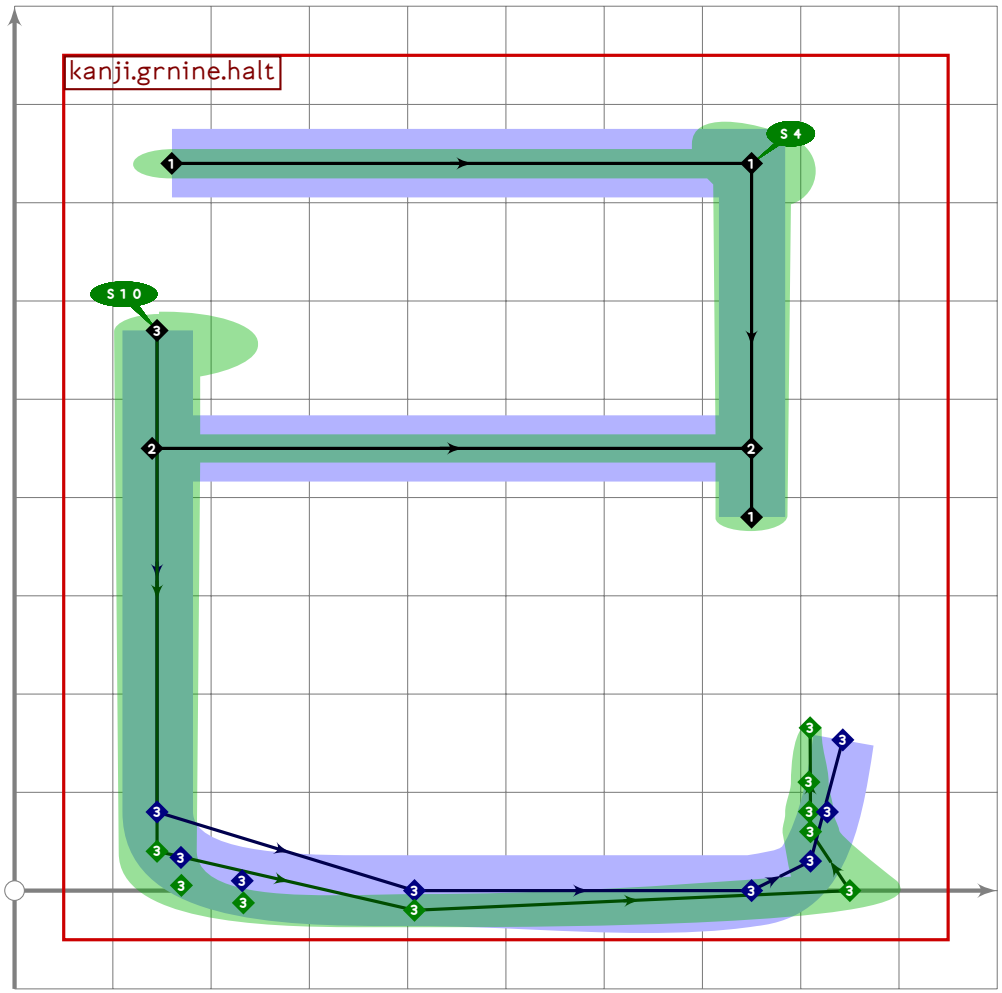

```
51
52 vardef kanji.grfour.nest =
53   push_pbox_toexpand("kanji.grfour.nest");
54   build_kanji.level(build_kanji.tb(720,40)
55     (kanji.toprad.alt_sparkle_three)
56     (kanji.grfour.fruit));
57   expand_pbox;
58 enddef;
59
60 ---------------------------------------------------------------------
```

U+5DE7
tsuku.uni5DE7

5D




```
61
62 vardef  kanji.greight.adroit  =
63   push_pbox_toexpand("kanji.greight.adroit");
64   build_kanji.level(build_kanji.lr(380,60)
65     (build_kanji.lift_skirt(400,250)
66         (kanji.grtwo.craft))
67     (kanji.rare.obstruction));
68   expand_pbox;
69 enddef;
70
71 ---------------------------------------------------------------------------
```

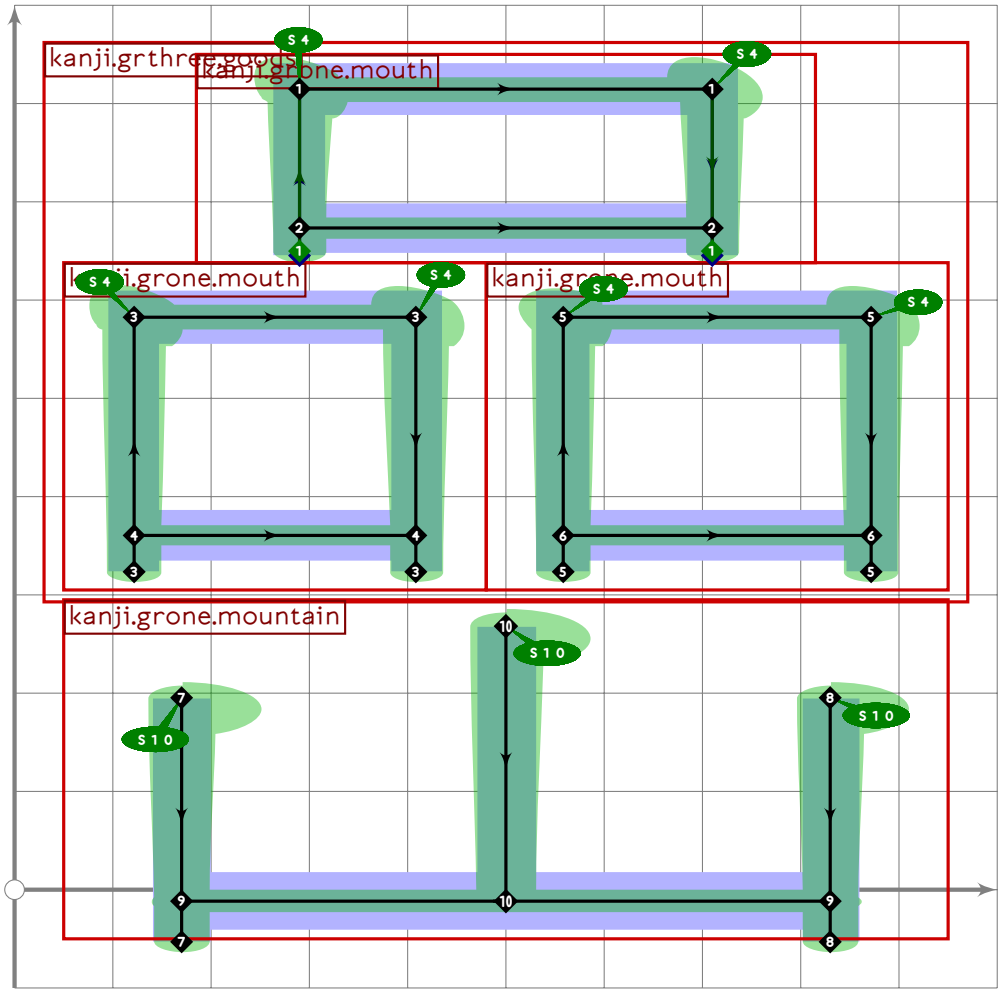



```
vardef kanji.grnine.halt =
  push_pbox_toexpand("kanji.grnine.halt");
  push_stroke((160,740)–(750,740)–(750,380),
    (1.6,1.6)–(1.6,1.6)–(1.5,1.5));
  set_botip(0,1,1);
  set_boserif(0,1,4);
  push_stroke((140,450)–(750,450),
    (1.5,1.5)–(1.5,1.5));
  push_stroke((145,570),(1.7,1.7));
  set_boserif(0,0,10);
  build_kanji.add_ltail(0);
  expand_pbox;
enddef;
```

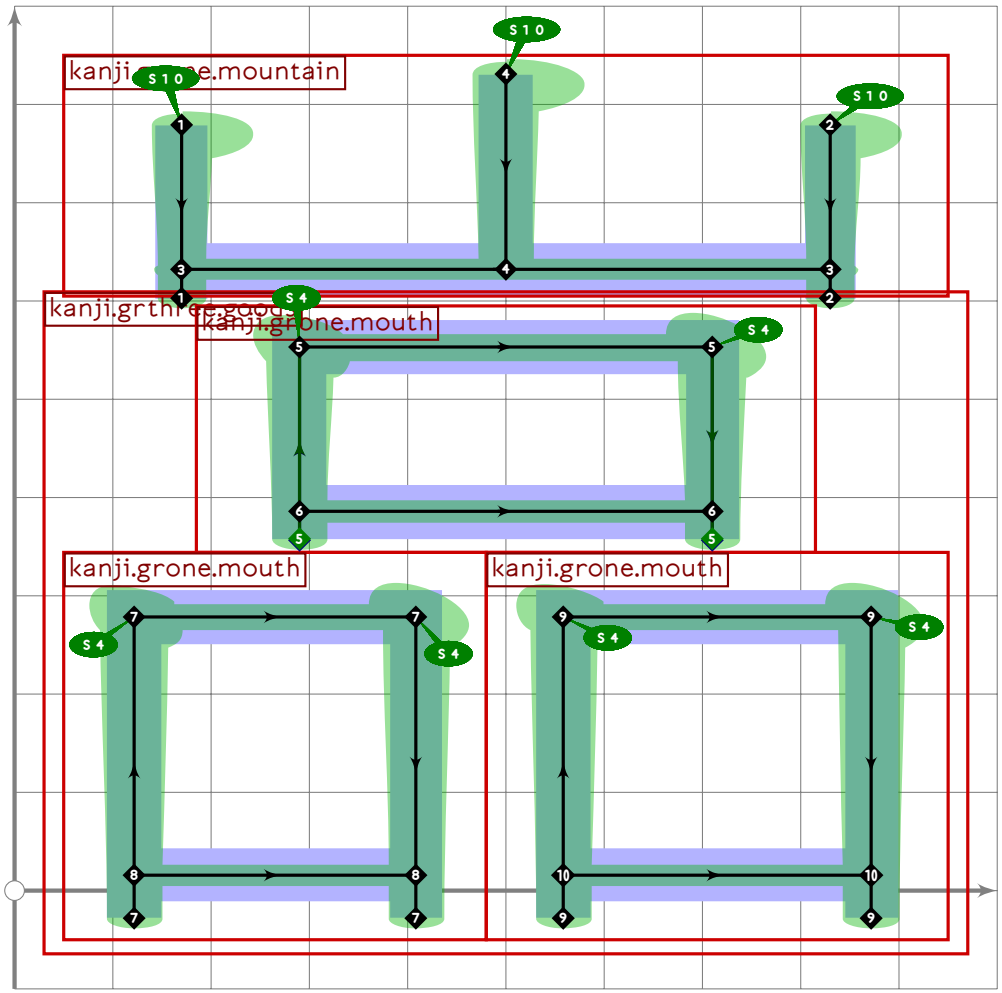
```
% hou/kuzu "demolish"
begintsuglyph("uni5D29",41);
  kanji.greight.demolish;
  tsu_render;
```

[see page 891]

```
endtsuglyph;
```




```
% extra
begintsuglyph("uni5D52",82);
  build_kanji.tb(300,-10)
    (kanji.grthree.goods)
    (kanji.grone.mountain);
  tsu_render;
endtsuglyph;
```




```
% extra
begintsuglyph("uni5D53",83);
  build_kanji.level(build_kanji.tb(600,-10)
    (kanji.grone.mountain)
    (kanji.grthree.goods));
  tsu_render;
endtsuglyph;

% sen/kawa "curving river radical"
begintsuglyph("uni5DDB",219);                                  [see page 832]
  kanji.radical.curving_river;
  tsu_render;
endtsuglyph;

% kawa "river"
begintsuglyph("uni5DDD",221);                                  [see page 469]
  kanji.grone.river;
  tsu_render;
endtsuglyph;

% shuu "province"
```

```
begintsuglyph("uni5DDE",222);                                    [see page 650]
  kanji.grthree.province;
  tsu_render;
endtsuglyph;

% sou/su "nest"
begintsuglyph("uni5DE3",227);                                    [see page 2255]
  kanji.grfour.nest;
  tsu_render;
endtsuglyph;

% takumi "craft"
begintsuglyph("uni5DE5",229);                                    [see page 508]
  kanji.grtwo.craft;
  tsu_render;
endtsuglyph;

% hidari "left"
begintsuglyph("uni5DE6",230);                                    [see page 451]
  kanji.grone.left;
  tsu_render;
endtsuglyph;

% kou/taku "adroit"
begintsuglyph("uni5DE7",231);                                    [see page 2256]
  kanji.greight.adroit;
  tsu_render;
endtsuglyph;

% kyou "secure"
begintsuglyph("uni5DE9",233);                                    [see page 1041]
  kanji.rare.secure;
  tsu_render;
endtsuglyph;

% sa "difference"
begintsuglyph("uni5DEE",238);                                    [see page 686]
  kanji.grfour.difference;
  tsu_render;
endtsuglyph;

% ko/ki "self" (dict. says also "snake" but almost no words use it that way)
begintsuglyph("uni5DF1",241);                                    [see page 801]
  kanji.grsix.self;
  tsu_render;
endtsuglyph;

% i/ya "halt"
```

```
begintsuglyph("uni5DF2",242);                                  [see page 2257]
  kanji.grnine.halt;
  tsu_render;
endtsuglyph;

% shi/mi "snake zodiac sign"
begintsuglyph("uni5DF3",243);                                  [see page 973]
  kanji.grnine.snake_sign;
  tsu_render;
endtsuglyph;

% ha/tomoe "tomoe"
begintsuglyph("uni5DF4",244);                                  [see page 980]
  kanji.grnine.tomoe;
  tsu_render;
endtsuglyph;

% kou/chimata "fork in the road"
begintsuglyph("uni5DF7",247);                                  [see page 957]
  kanji.grnine.fork_in_the_road;
  tsu_render;
endtsuglyph;

% son/tatsumi "southeast"
begintsuglyph("uni5DFD",253);                                  [see page 974]
  kanji.grnine.southeast;
  tsu_render;
endtsuglyph;

% kin/oo/haba "towel" or "hanging scroll"
begintsuglyph("uni5DFE",254);                                  [see page 937]
  kanji.greight.towel;
  tsu_render;
endtsuglyph;

---

endfont;

---
```

```
%
% Unicode page 5E (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

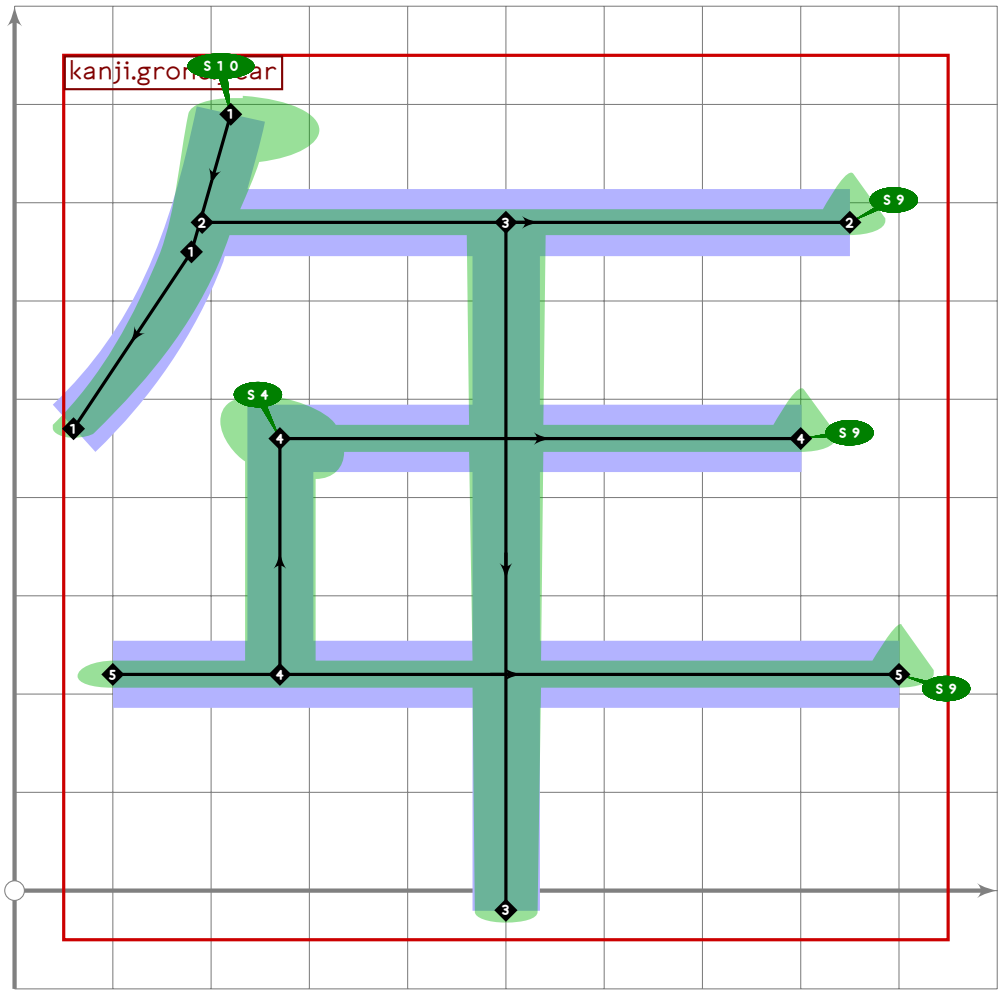
---

beginfont

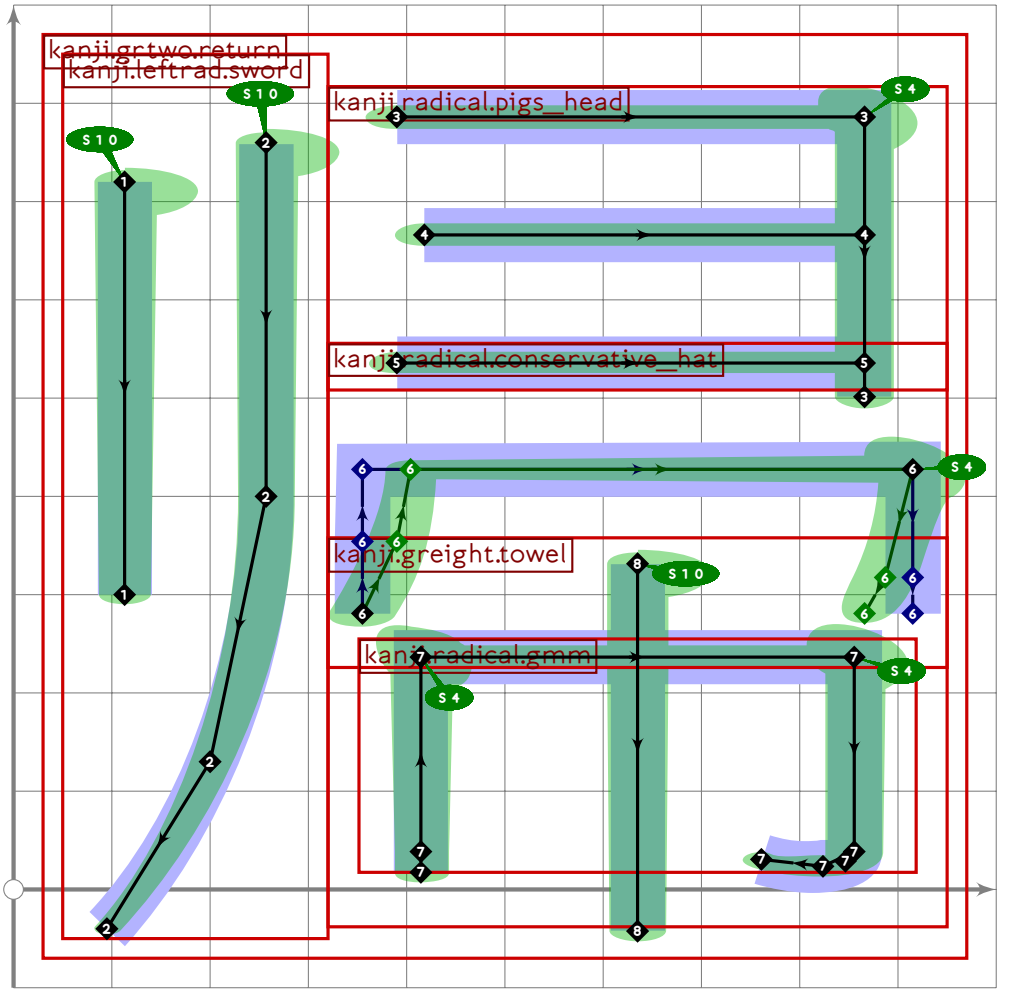
% AUTODEPS
input bkencl.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input toprad.mp;

do_late_includes;

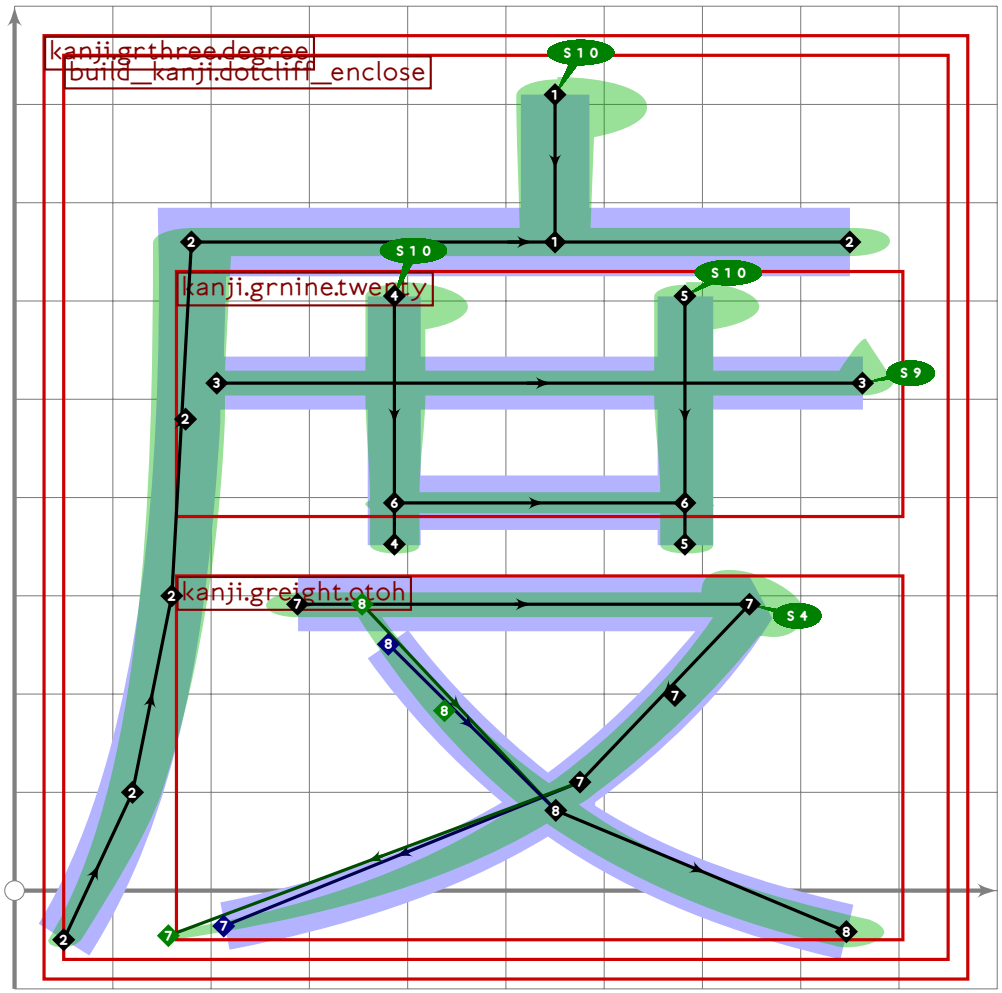
---
```




```
54
55 vardef kanji.grone.year =
56   push_pbox_toexpand("kanji.grone.year");
57   push_stroke((220,790){curl 0.1}..(180,650)..(60,470),
58     (1.7,1.7)-(1.4,1.4)-(1.1,1.1));
59   set_boserif(0,0,10);
60   push_stroke(
61     (((0,680)-(1000,680)) intersectionpoint get_strokep(0))-(850,680),
62     (1.4,1.4)-(1.5,1.5));
63   set_boserif(0,1,9);
64   push_stroke((500,680)-(500,-20),(1.6,1.6)-(1.4,1.4));
65   push_stroke((270,220)-(270,460)-(800,460),
66     (1.5,1.5)-(1.5,1.5)-(1.5,1.5));
67   set_botip(0,1,1);
68   set_boserif(0,1,4);
69   set_boserif(0,2,9);
70   push_stroke((100,220)-(900,220),(1.5,1.5)-(1.5,1.5));
71   set_boserif(0,1,9);
72   expand_pbox;
73 enddef;
74
```

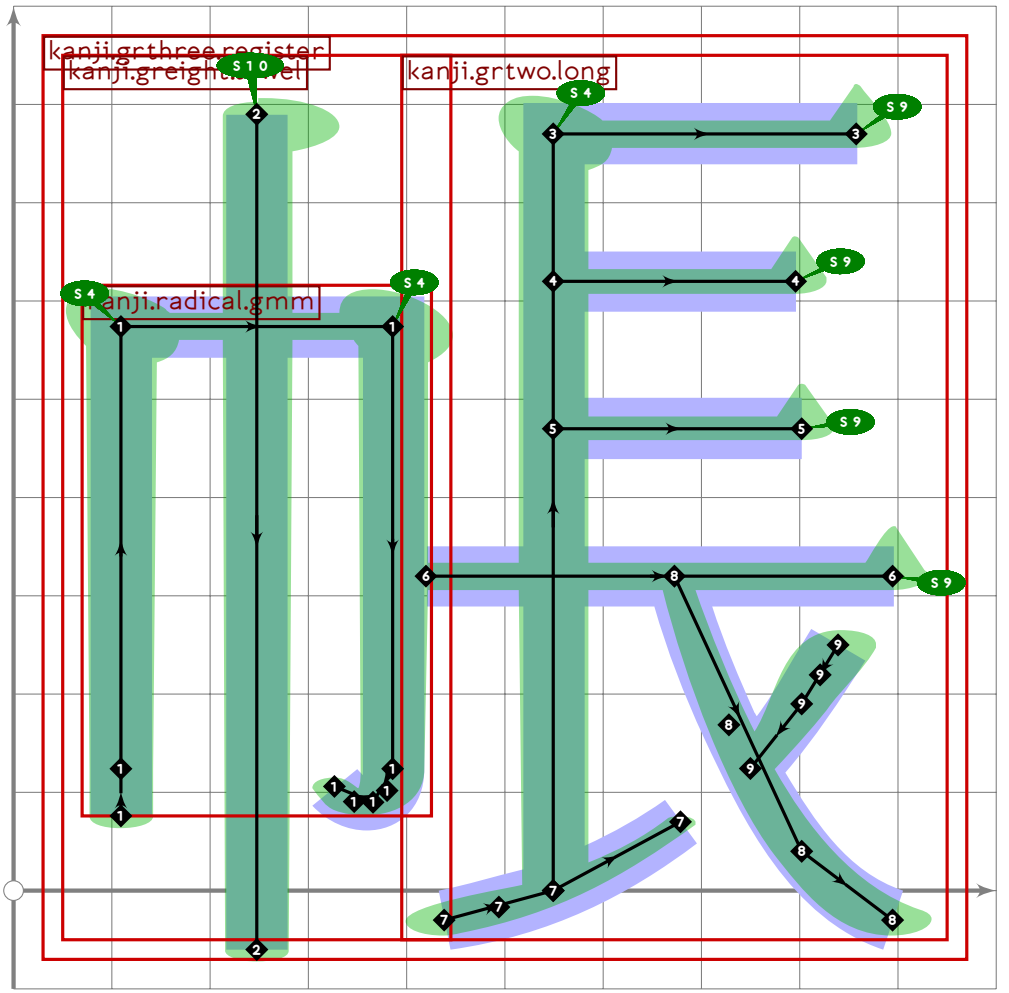



```
vardef kanji.grtwo.return =
  push_pbox_toexpand("kanji.grtwo.return");
  % can't just invoke "broom" because of Japanese style difference
  % between "pig's snout" and "pig's head" radicals
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.sword)
    (build_kanji.sscale(yscaled 0.95 shifted (0,-10))
      (build_kanji.tb(550,50)
        (kanji.radical.pigs_head)
        (build_kanji.tb(450,200)
          (kanji.radical.conservative_hat)
          (kanji.greight.towel)))));
  expand_pbox;
enddef;
```

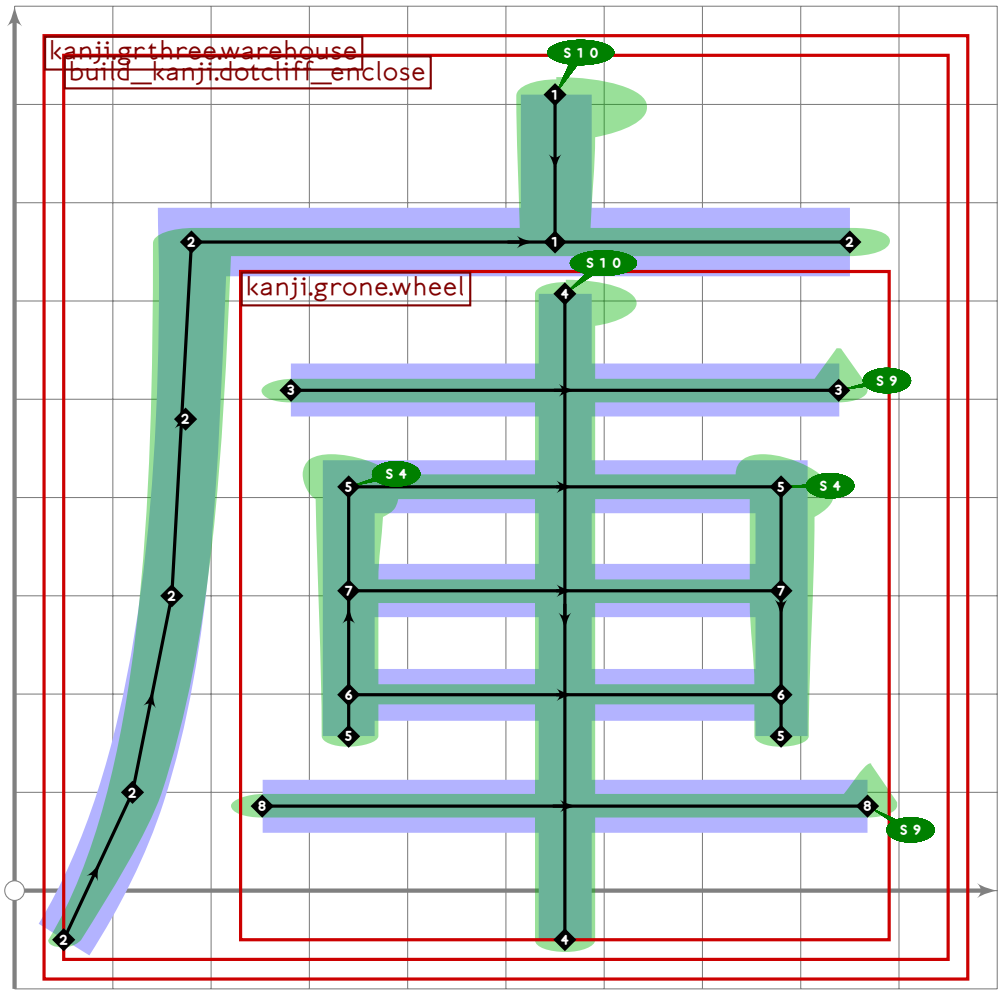



```
93
94 vardef kanji.grthree.degree =
95   push_pbox_toexpand("kanji.grthree.degree");
96   build_kanji.dotcliff_enclose(build_kanji.level(
97     build_kanji.sscale(xscaled 1.12 shifted (-35,0))(build_kanji.tb(480,-80)
98       (kanji.grnine.twenty)
99       (kanji.greight.otoh))));
100  expand_pbox;
101 enddef;
```

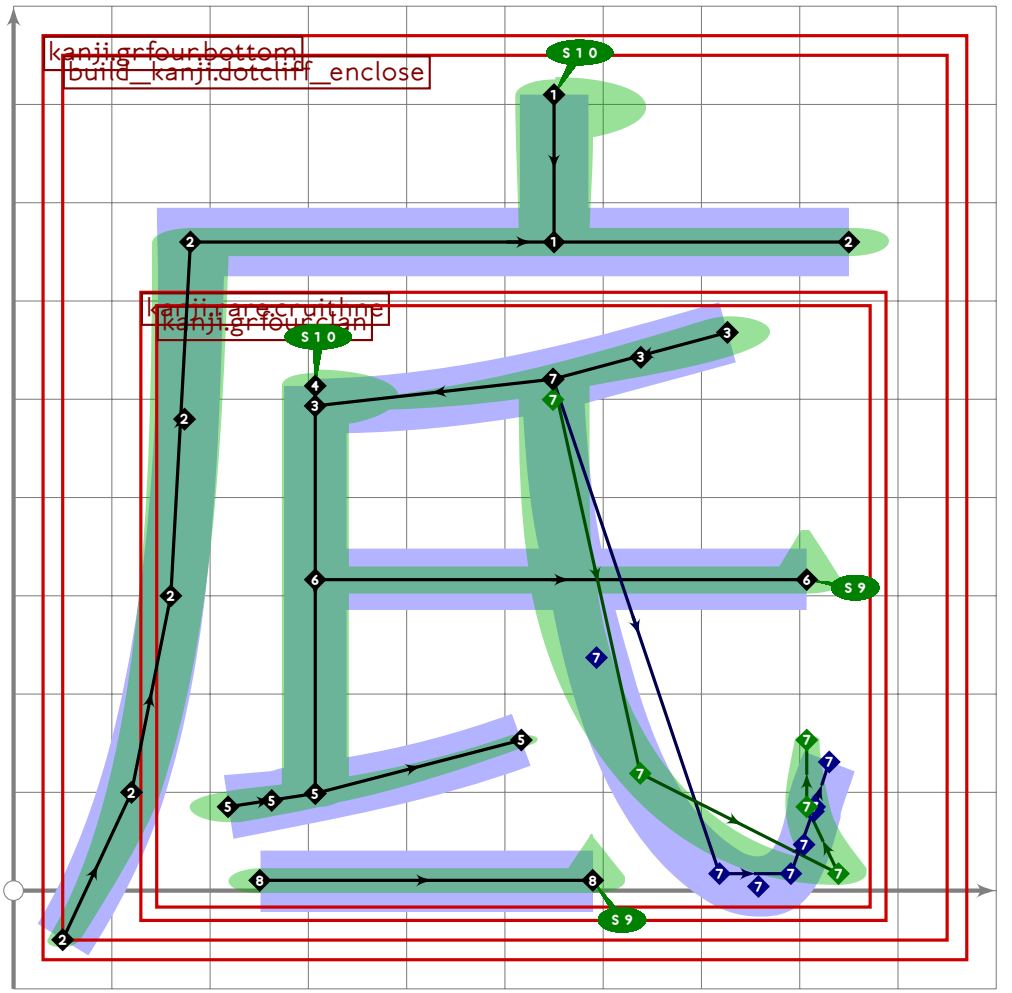
U+5E33
tsuku.uni5E33



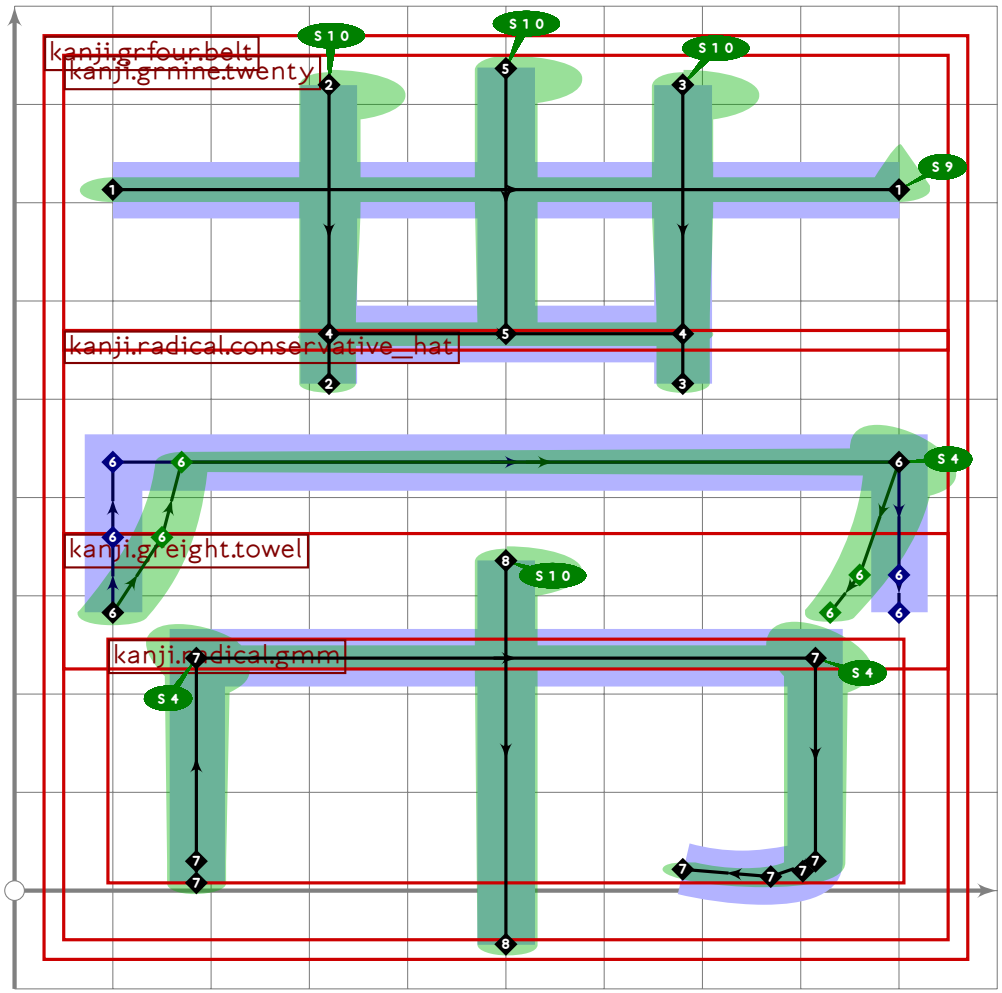

```
102
103 vardef kanji.grthree.register =
104   push_pbox_toexpand("kanji.grthree.register");
105   build_kanji.level(build_kanji.lr(420,50)
106     (kanji.greight.towel)
107     (kanji.grtwo.long));
108   expand_pbox;
109 enddef;
```



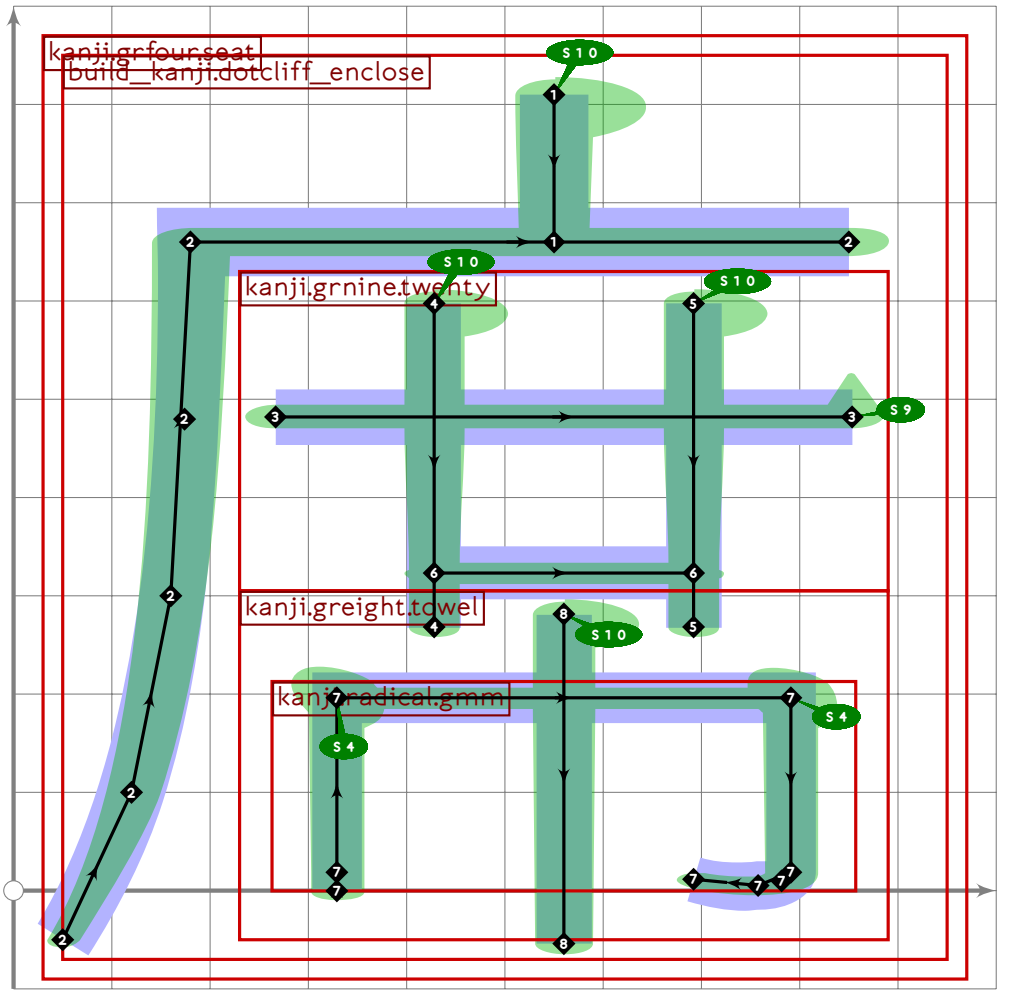

```
vardef kanji.grthree.warehouse =
  push_pbox_toexpand("kanji.grthree.warehouse");
  build_kanji.dotcliff_enclose(kanji.grone.wheel);
  expand_pbox;
enddef;
```



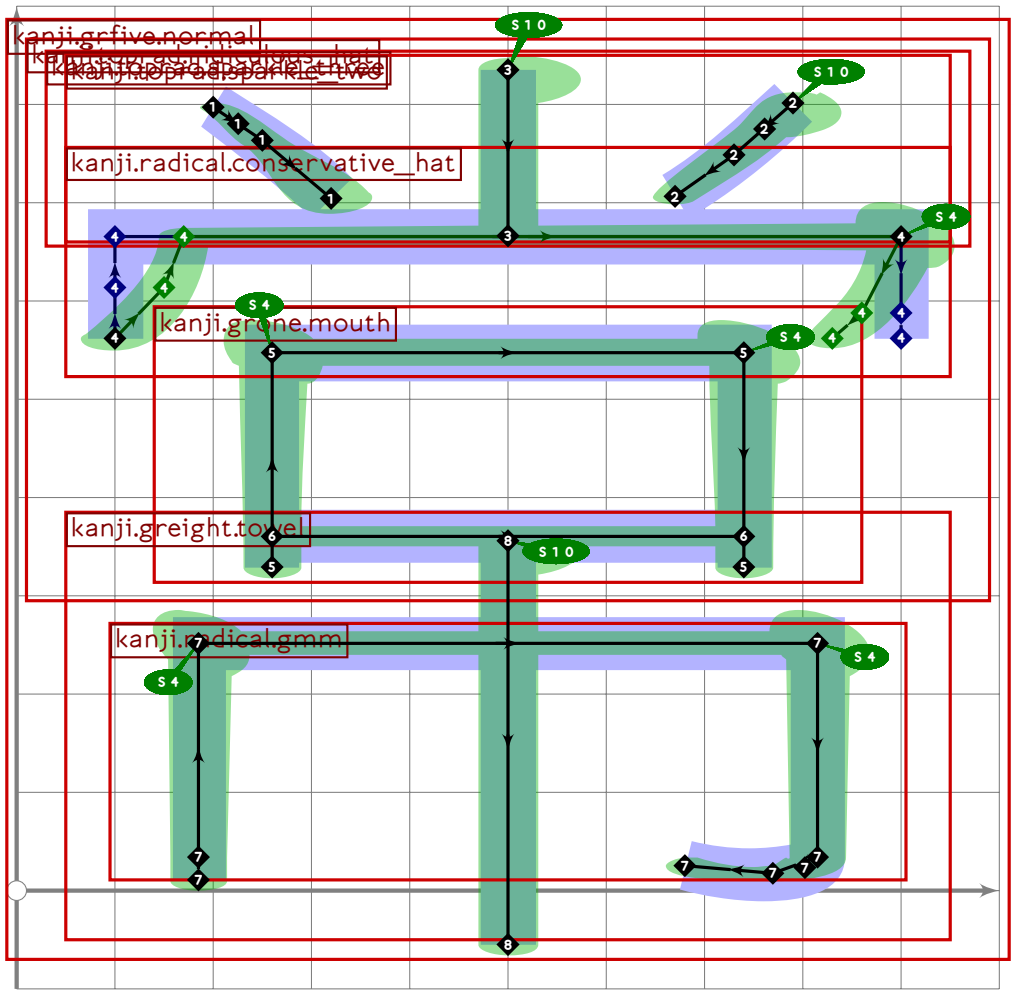

```
118
119 vardef  kanji.grfour.bottom  =
120   push_pbox_toexpand("kanji.grfour.bottom");
121   build_kanji.dotcliff_enclose
122     (build_kanji.sscale(xyscaled  (1.1,0.9)  shifted  (-70,0))
123         (kanji.rare.cruithne));
124   expand_pbox;
125 enddef;
```




```
126
127 vardef  kanji.grfour.belt  =
128   push_pbox_toexpand("kanji.grfour.belt");
129   build_kanji.level(build_kanji.tb(560,20)
130     (kanji.grnine.twenty;
131       push_stroke((500,810)–(500,0),(1.6,1.6)–(1.5,1.5));
132       set_boserif(0,0,10))
133     (build_kanji.tb(450,200)
134         (kanji.radical.conservative_hat)
135         (kanji.greight.towel)));
136   expand_pbox;
137 enddef;
```

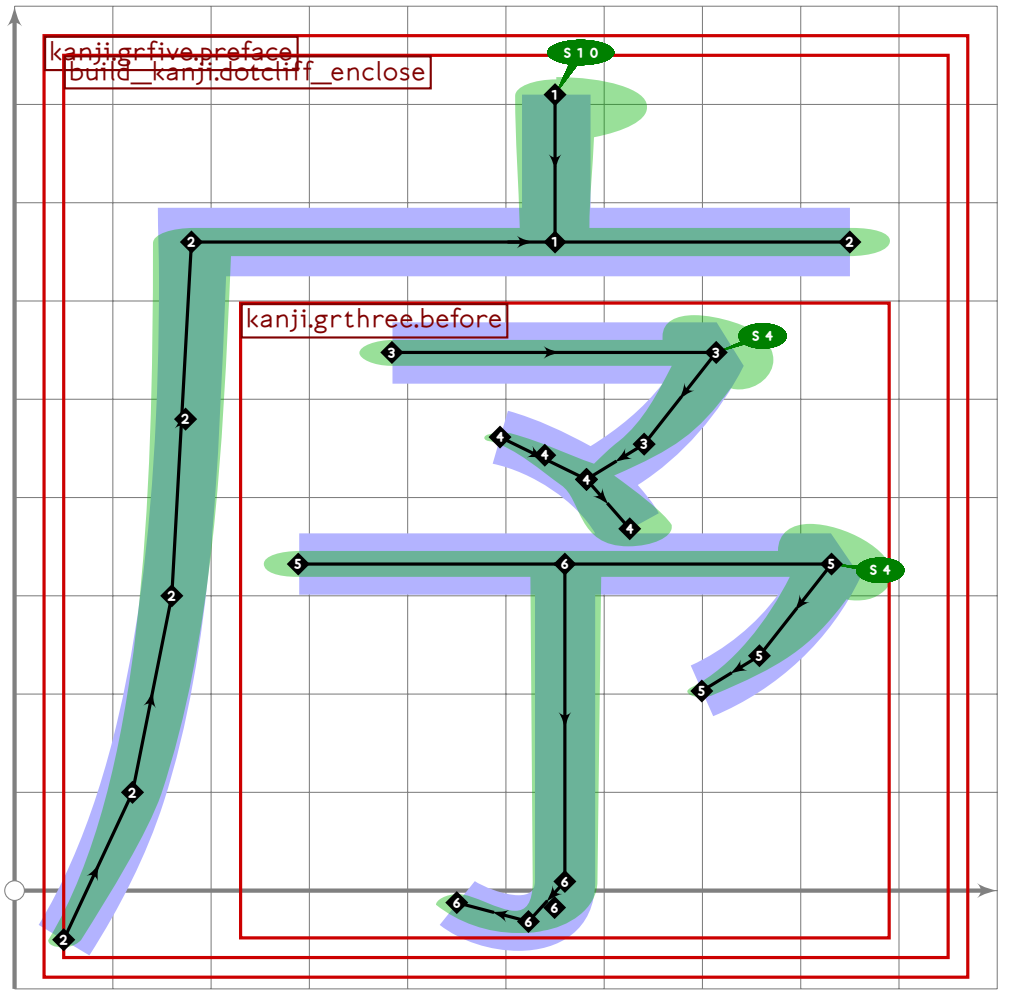



```
vardef kanji.grfour.seat =
  push_pbox_toexpand("kanji.grfour.seat");
  build_kanji.dotcliff_enclose(build_kanji.tb(420,0)
      (kanji.grnine.twenty)
      (kanji.greight.towel));
  expand_pbox;
enddef;
```

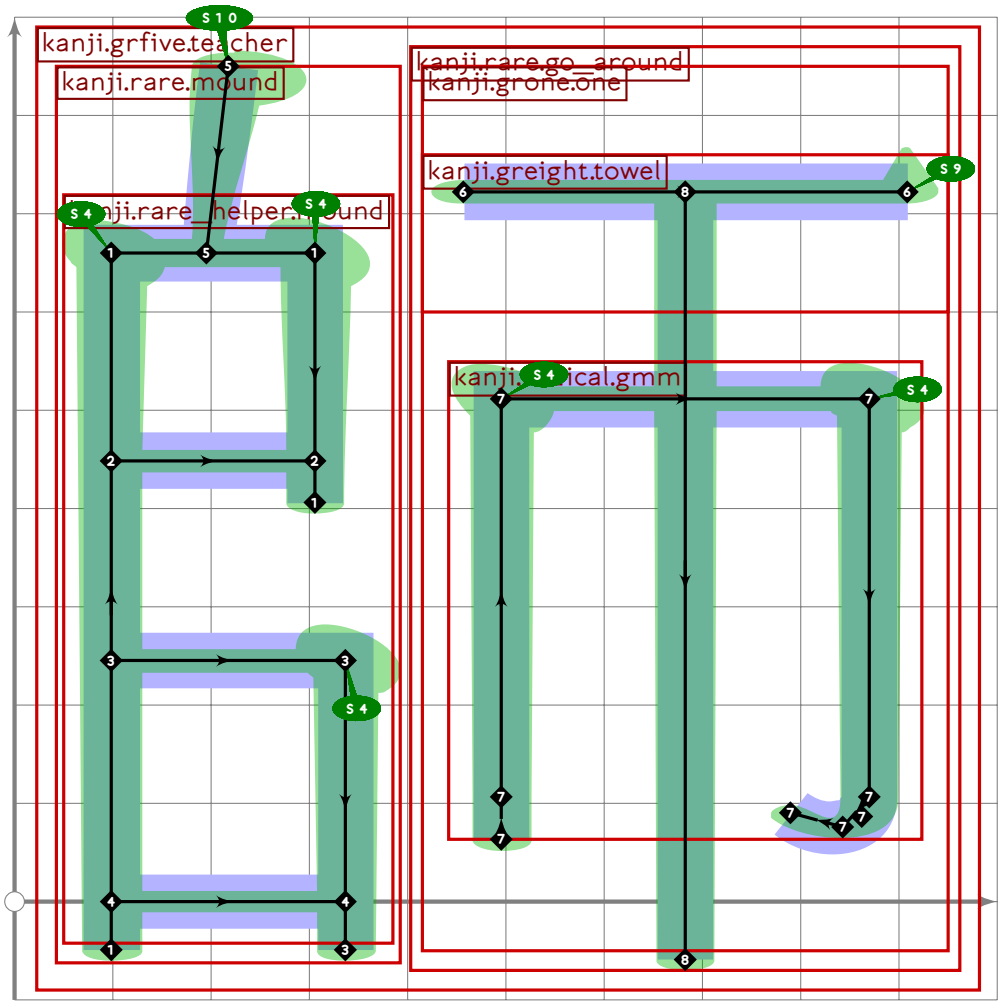



```
148
149 vardef  kanji.grfive.normal =
150   push_pbox_toexpand("kanji.grfive.normal");
151   build_kanji.level(build_kanji.tb(340,90)
152     (kanji.toprad.ridiculous_hat)
153     (kanji.greight.towel));
154   expand_pbox;
155 enddef;
```

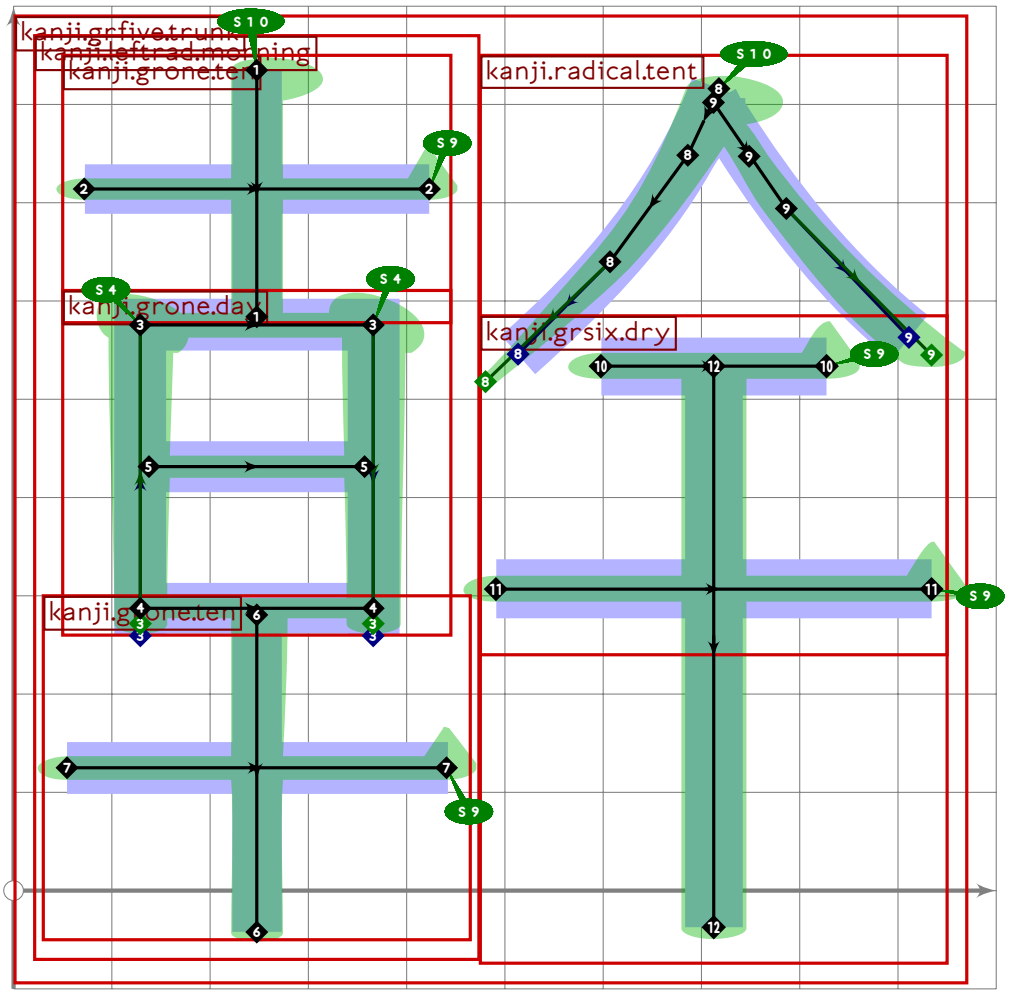
U+5E8F
tsuku.uni5E8F



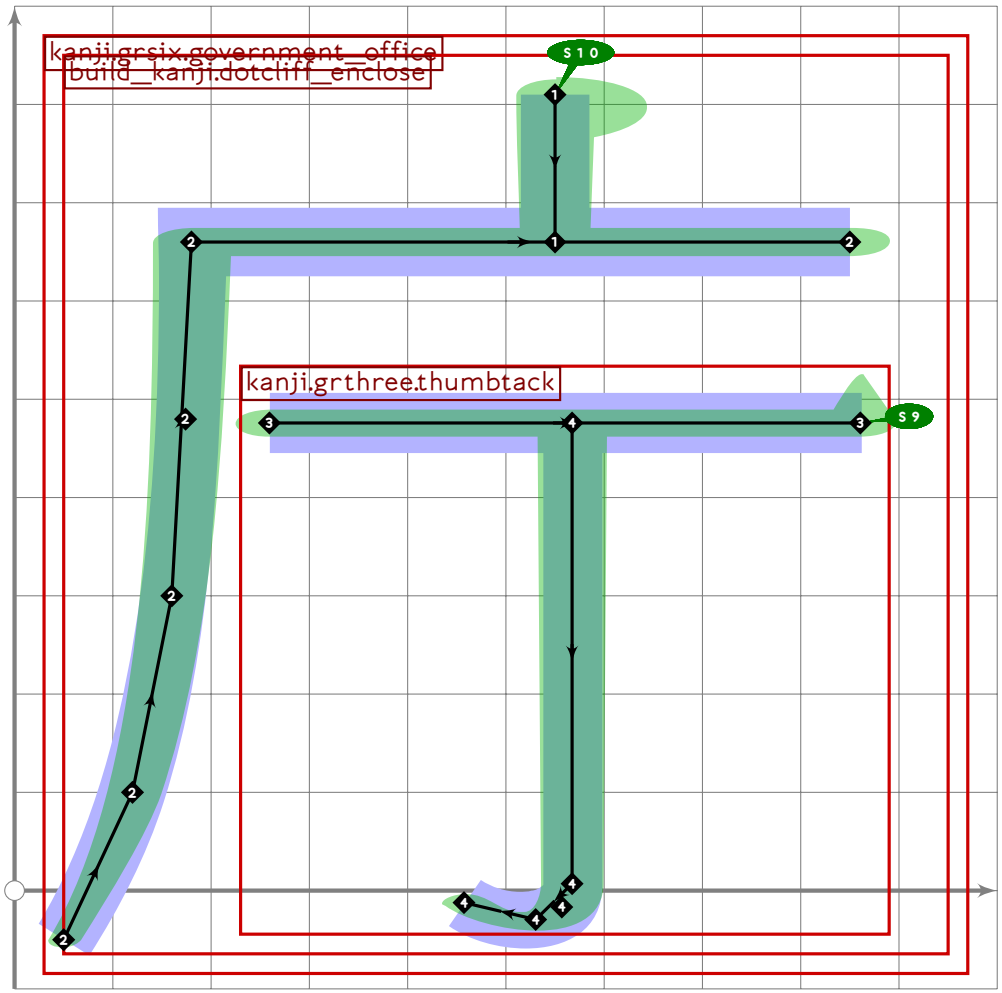

```
156
157 vardef kanji.grfive.preface =
158   push_pbox_toexpand("kanji.grfive.preface");
159   build_kanji.dotcliff_enclose(tsu_xform(identity yscaled 0.95)
160     (kanji.grthree.before));
161   expand_pbox;
162 enddef;
```



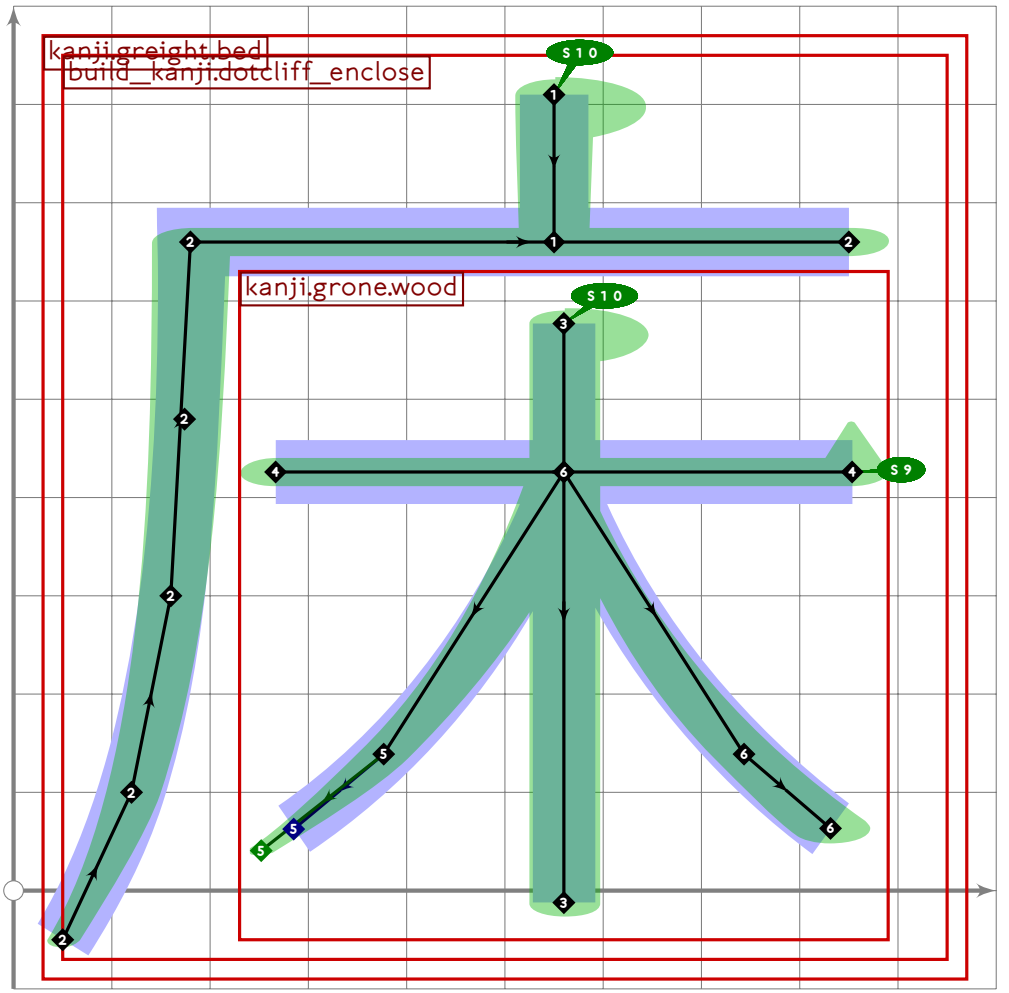

```
163
164 vardef  kanji.grfive.teacher =
165   push_pbox_toexpand("kanji.grfive.teacher");
166   build_kanji.lr(400,-30)
167     (kanji.rare.mound)
168     (kanji.rare.go_around);
169   expand_pbox;
170 enddef;
```



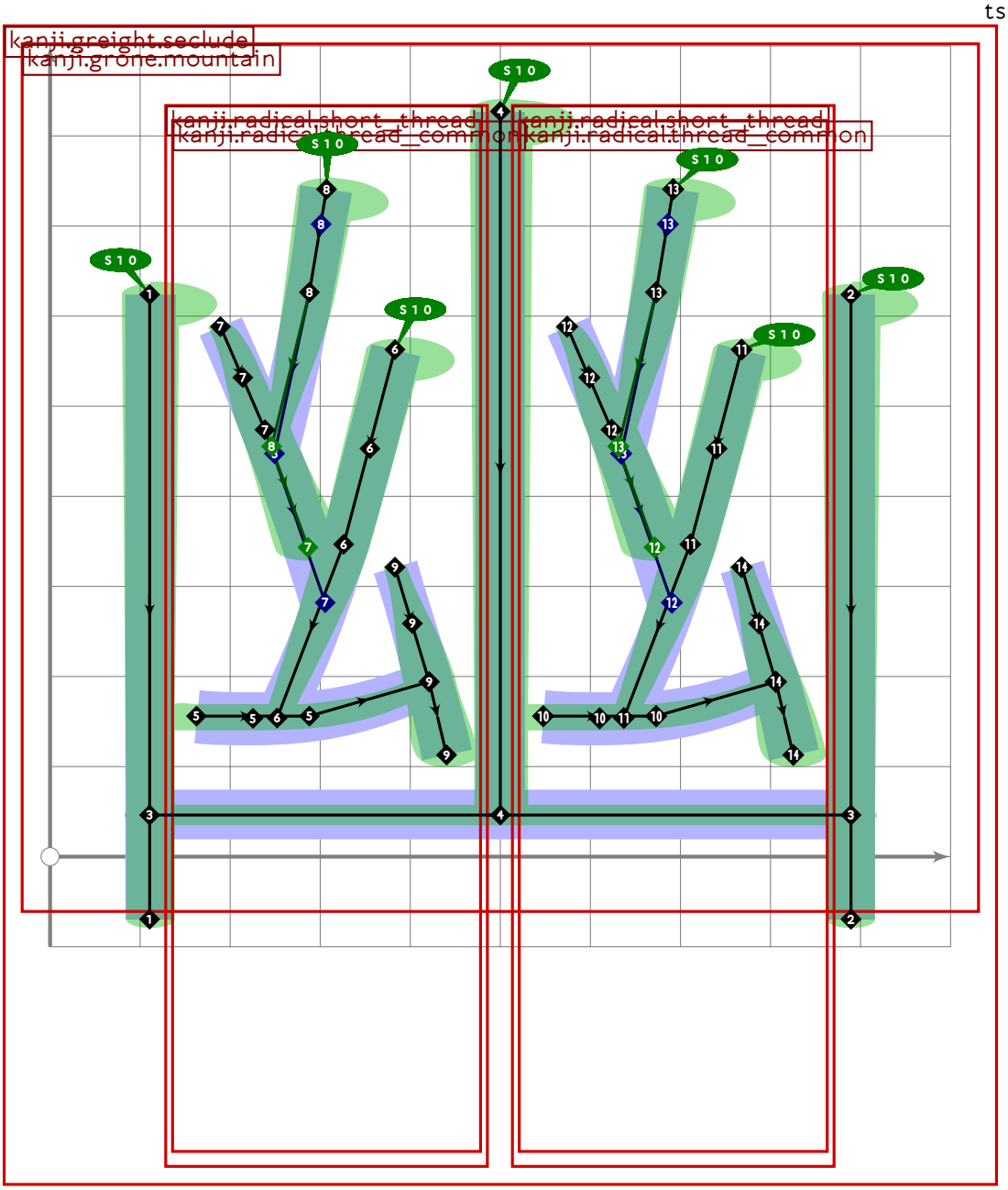

```
171
172 vardef kanji.grfive.trunk =
173   push_pbox_toexpand("kanji.grfive.trunk");
174   build_kanji.lr(460,-30)
175     (kanji.leftrad.morning)
176     (build_kanji.tb(400,320)
177         (kanji.radical.tent;
178          pop_stroke)
179         (build_kanji.sscale(yscaled 1.08)(kanji.grsix.dry);
180          replace_strokep(-2)(subpath (0.16,0.84) of oldp)));
181   expand_pbox;
182 enddef;
183
184 ---------------------------------------------------------------
```




```
185
186 vardef kanji.grsix.government_office =
187   push_pbox_toexpand("kanji.grsix.government_office");
188   build_kanji.dotcliff_enclose(tsu_xform(identity yscaled 0.85)
189                                (kanji.grthree.thumbtack));
190   expand_pbox;
191 enddef;
192
193 ---------------------------------------------------------------
```

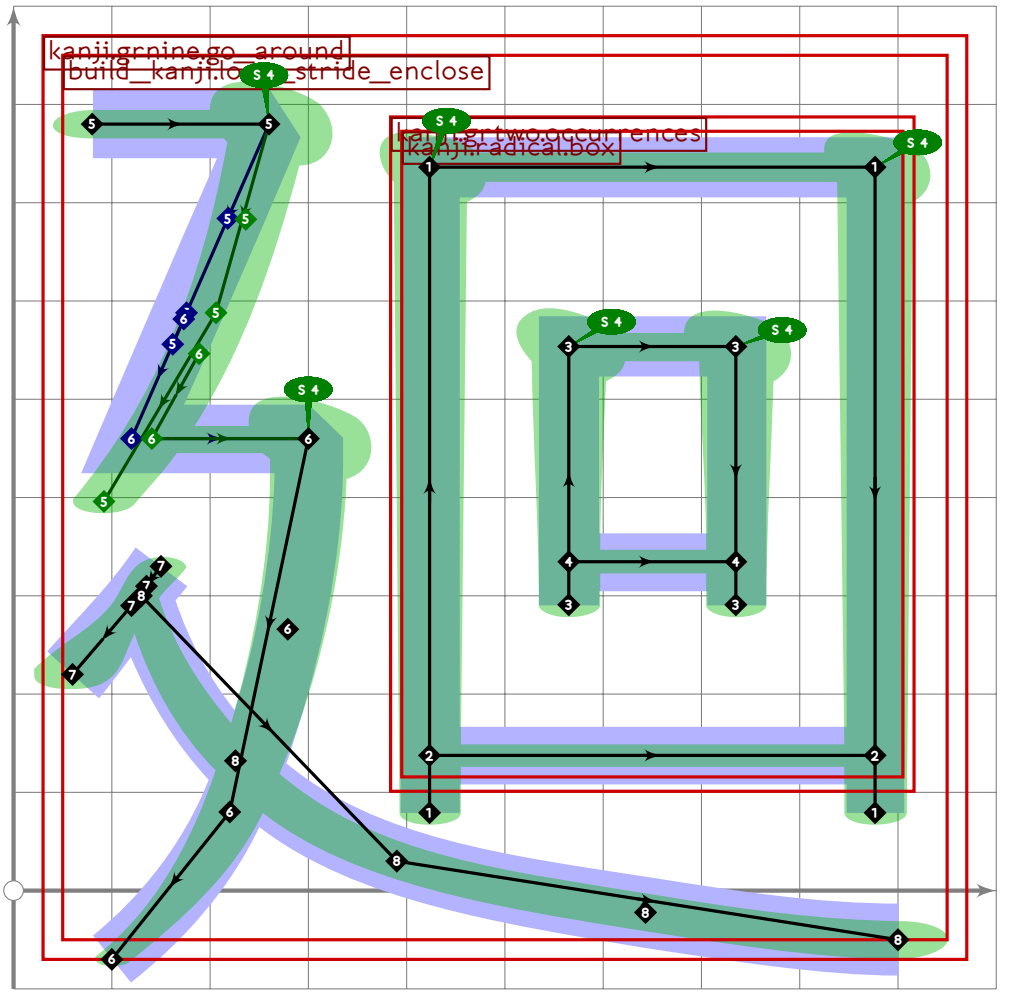



```
194
195 vardef  kanji.greight.bed  =
196    push_pbox_toexpand("kanji.greight.bed");
197    build_kanji.dotcliff_enclose(kanji.grone.wood);
198    expand_pbox;
199 enddef;
```

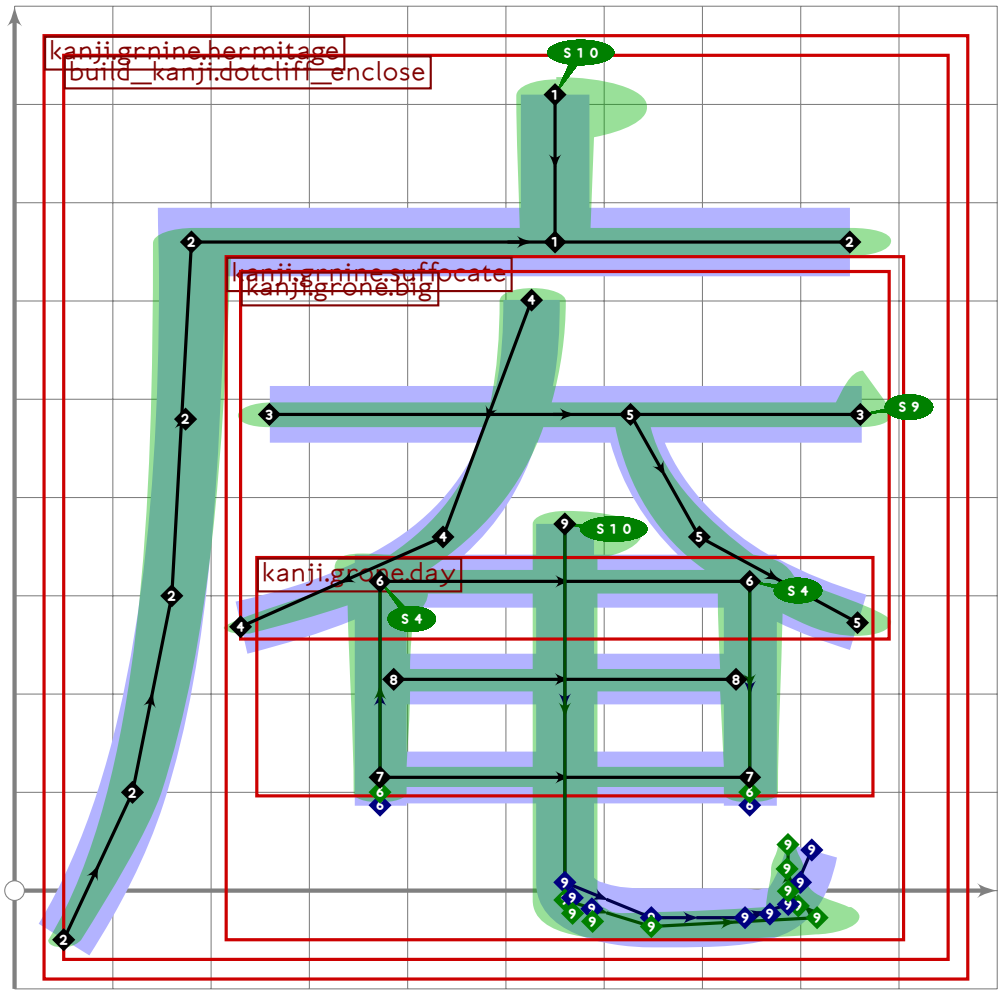



```
200
201 vardef kanji.greight.seclude =
202   push_pbox_toexpand("kanji.greight.seclude");
203   build_kanji.sscale(xyscaled (1.18,1.07) shifted (0,20))
204     (kanji.grone.mountain);
205   build_kanji.sscale(xyscaled (0.38,0.83) shifted (-193,15))
206     (kanji.radical.short_thread);
207   build_kanji.sscale(xyscaled (0.38,0.83) shifted (192,15))
208     (kanji.radical.short_thread);
209   for i=-14 upto 0: set_bosize(i,80); endfor;
210   expand_pbox;
211 enddef;
212
213 ---------------------------------------------------------------------
```

U+5EFB
tsuku.uni5EFB




```
214
215 vardef kanji.grnine.go_around =
216   push_pbox_toexpand("kanji.grnine.go_around");
217   build_kanji.long_stride_enclose(true)
218     (build_kanji.sscale(xyscaled (0.85,0.9))(kanji.grtwo.occurrences));
219   expand_pbox;
220 enddef;
```

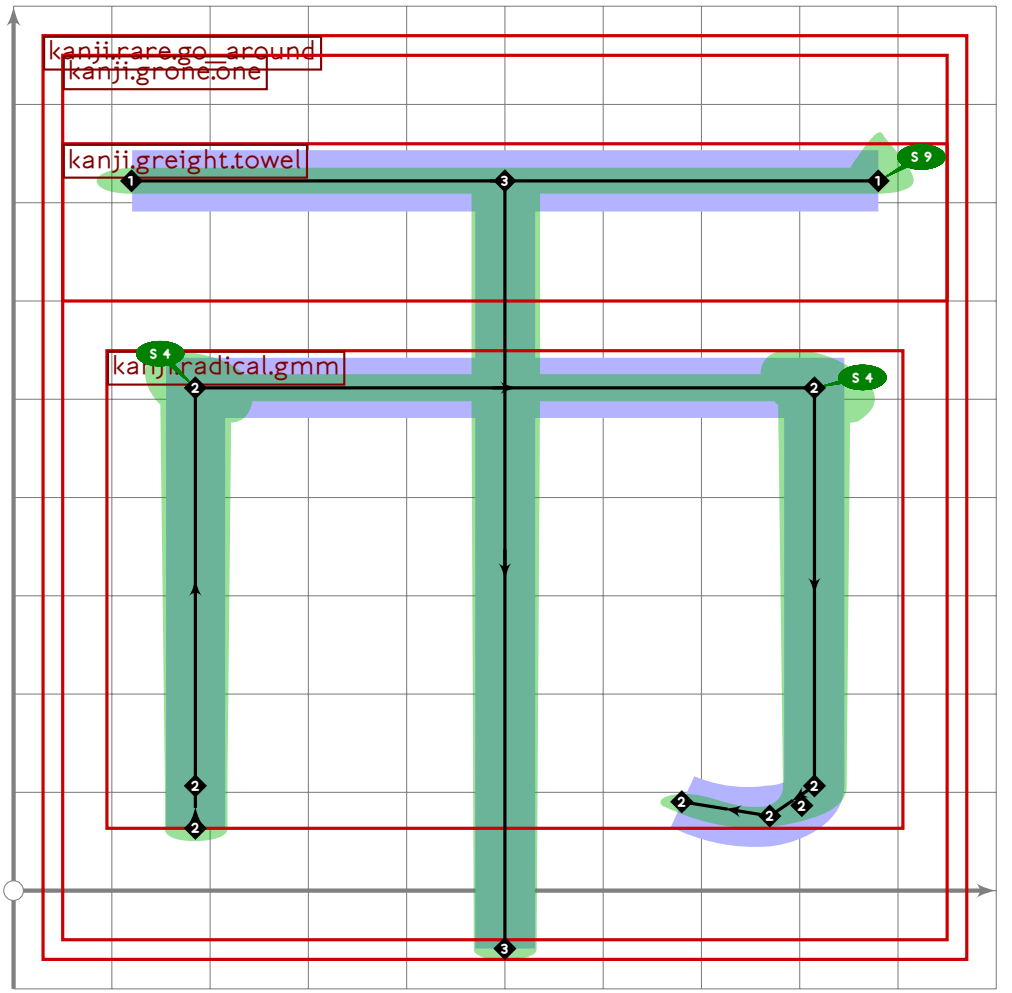



```
vardef  kanji.grnine.hermitage =
   push_pbox_toexpand("kanji.grnine.hermitage");
   build_kanji.dotcliff_enclose(kanji.grnine.suffocate);
   expand_pbox;
enddef;

---

vardef  kanji.leftrad.sword =
   push_pbox_toexpand("kanji.leftrad.sword");
   push_stroke((260,720)--(260,300),(1.6,1.6)--(1.4,1.4));
   set_boserif(0,0,10);
   push_stroke((740,760)--(740,400){down}..(550,130)..(200,-40),
      (1.6,1.6)--(1.5,1.5)--(1.3,1.3)--(1,1));
   set_boserif(0,0,10);
   expand_pbox;
enddef;

---
```




```
241
242 vardef kanji.rare.go_around =
243   push_pbox_toexpand("kanji.rare.go_around");
244   build_kanji.level(build_kanji.tb(680,160)
245     (kanji.grone.one)
246     (kanji.greight.towel));
247   replace_strokep(0)
248     ((xpart point 0 of oldp,ypart point 0.5 of get_strokep(-2))—
249       (point 1 of oldp));
250   set_boserif(0,0,whatever);
251   expand_pbox;
252 enddef;
253
254 ———————————————————————————————————————————————————————————————
255
256 % shi/ichi "market"
257 begintsuglyph("uni5E00",0);                                [see page 1017]
258   kanji.rare.go_around;
259   tsu_render;
260 endtsuglyph;
261
```

```
% shi/ichi "market"
begintsuglyph("uni5E02",2);                                    [see page 540]
  kanji.grtwo.market;
  tsu_render;
endtsuglyph;

% fu/nuno "cloth"
begintsuglyph("uni5E03",3);                                    [see page 750]
  kanji.grfive.cloth;
  tsu_render;
endtsuglyph;

% ki/mare "rarity" or "Greece"
begintsuglyph("uni5E0C",12);                                   [see page 727]
  kanji.grfour.rarity;
  tsu_render;
endtsuglyph;

% sou/houki "broom" as in houkiboshi "comet"
begintsuglyph("uni5E1A",26);                                   [see page 996]
  kanji.rare.broom;
  tsu_render;
endtsuglyph;

% haku/kinu best used in "fukusa" which is a tea-ceremony wiping towel
begintsuglyph("uni5E1B",27);                                   [see page 1048]
  kanji.rare.ceremonial_tea_towel;
  tsu_render;
endtsuglyph;

% shi/ikusa "teacher"
begintsuglyph("uni5E2B",43);                                   [see page 2273]
  kanji.grfive.teacher;
  tsu_render;
endtsuglyph;

% saki/mushiro "seat"
begintsuglyph("uni5E2D",45);                                   [see page 2270]
  kanji.grfour.seat;
  tsu_render;
endtsuglyph;

% tai/obi "belt"
begintsuglyph("uni5E2F",47);                                   [see page 2269]
  kanji.grfour.belt;
  tsu_render;
endtsuglyph;
```

```
% ki/kae "return"
begintsuglyph("uni5E30",48);                                    [see page 2264]
  kanji.grtwo.return;
  tsu_render;
endtsuglyph;

% chou/tobari "register"
begintsuglyph("uni5E33",51);                                    [see page 2266]
  kanji.grthree.register;
  tsu_render;
endtsuglyph;

% jou/tsune "normal"
begintsuglyph("uni5E38",56);                                    [see page 2271]
  kanji.grfive.normal;
  tsu_render;
endtsuglyph;

% kan/ho "dry"
begintsuglyph("uni5E72",114);                                    [see page 791]
  kanji.grsix.dry;
  tsu_render;
endtsuglyph;

% hei/tai "level" or "even"
begintsuglyph("uni5E73",115);                                    [see page 638]
  kanji.grthree.level;
  tsu_render;
endtsuglyph;

% nen/toshi "year"
begintsuglyph("uni5E74",116);                                    [see page 2263]
  kanji.grone.year;
  tsu_render;
endtsuglyph;

% hei/awa "merger"
begintsuglyph("uni5E76",118);                                    [see page 1022]
  kanji.rare.merger;
  tsu_render;
endtsuglyph;

% kou/saiwa "blessing"
begintsuglyph("uni5E78",120);                                    [see page 596]
  kanji.grthree.blessing;
  tsu_render;
endtsuglyph;
```

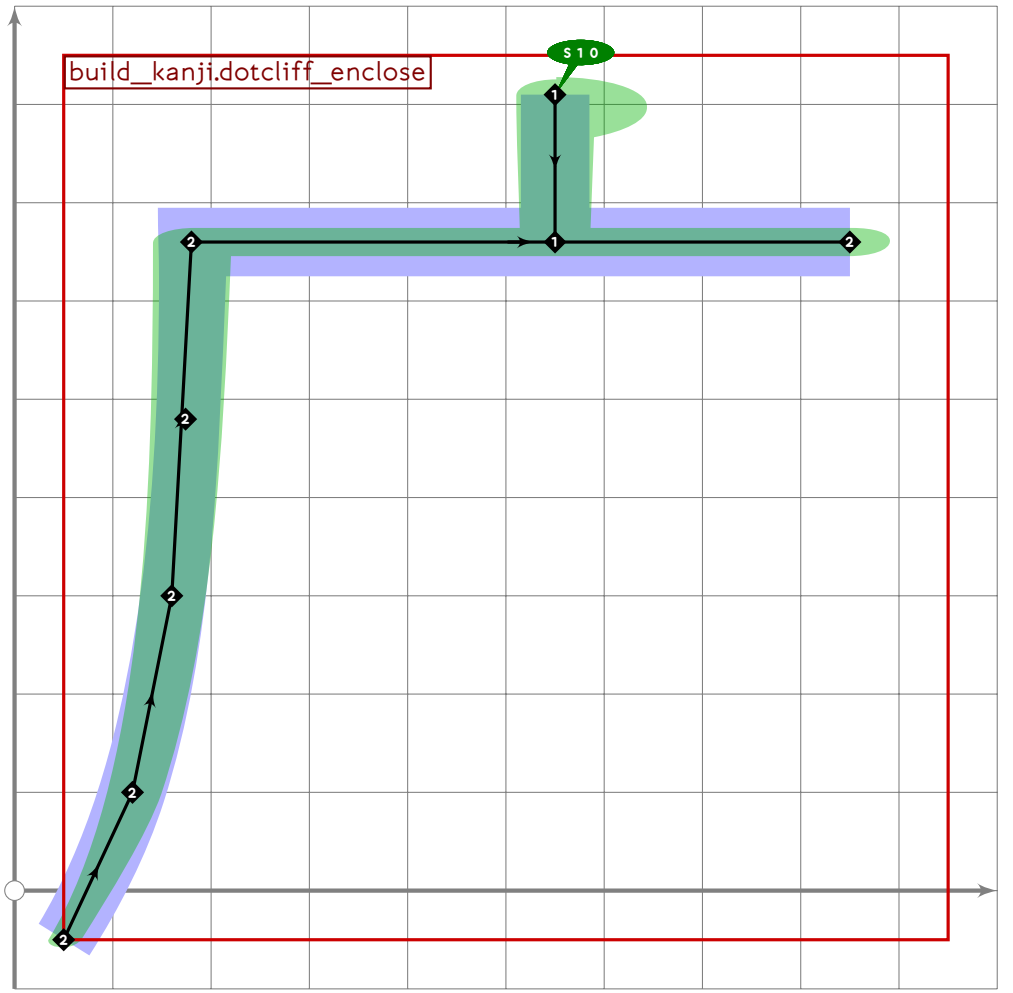
```
% kan/miki "trunk"
begintsuglyph("uni5E79",121);                                   [see page 2274]
  kanji.grfive.trunk;
  tsu_render;
endtsuglyph;

% you/chiisai "short thread radical"
begintsuglyph("uni5E7A",122);                                   [see page 852]
  kanji.radical.short_thread;
  tsu_render;
endtsuglyph;

% yuu as in yuurei "seclude"
begintsuglyph("uni5E7D",125);                                   [see page 2277]
  kanji.greight.seclude;
  tsu_render;
endtsuglyph;

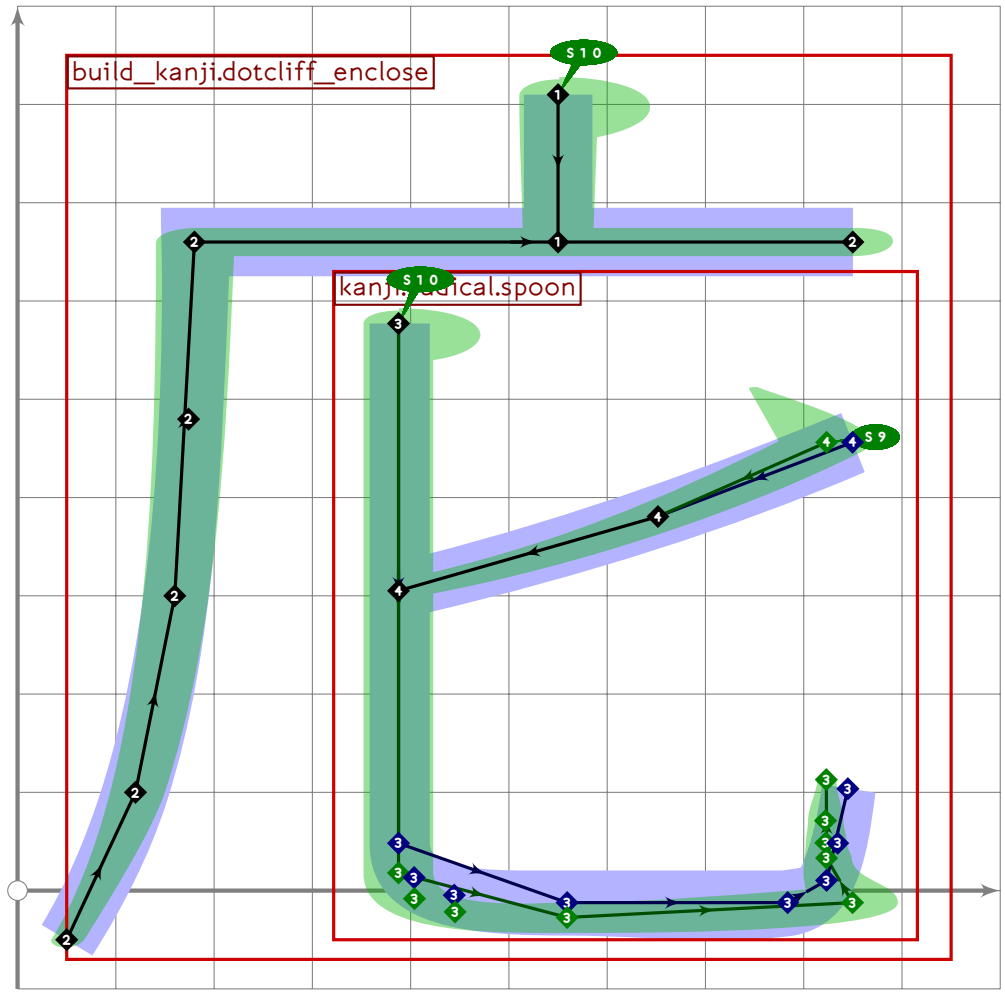
% ki/iku "how much"
begintsuglyph("uni5E7E",126);                                   [see page 907]
  kanji.greight.how_much;
  tsu_render;
endtsuglyph;

```




```
% madare "dotted cliff radical"
begintsuglyph("uni5E7F",127);
  build_kanji.dotcliff_enclose();
  tsu_render;
endtsuglyph;

```

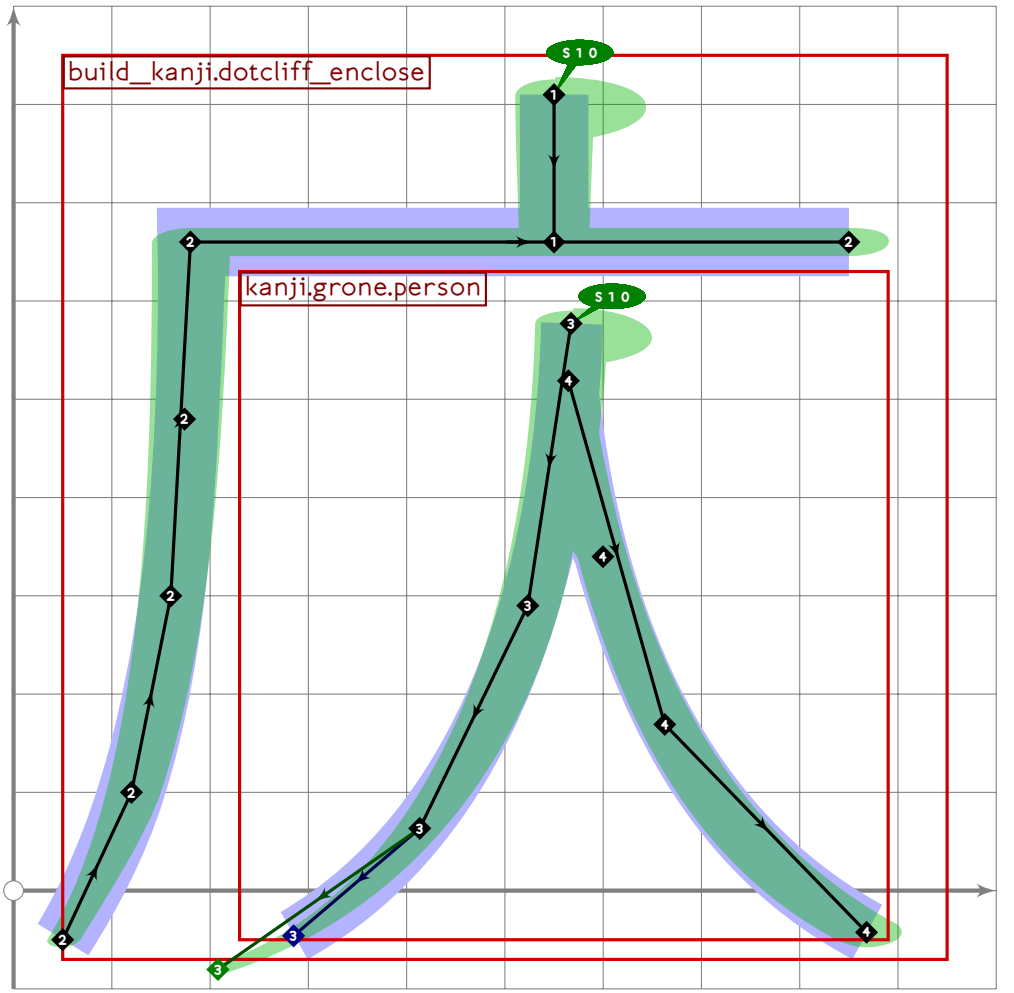



```
% extra
begintsuglyph("uni5E80",128);
  build_kanji.dotcliff_enclose(
    build_kanji.sscale(xscaled 0.9 shifted (80,0))
      (kanji.radical.spoon));
  tsu_render;
endtsuglyph;

% chou/yakushou "government office"
begintsuglyph("uni5E81",129);
  kanji.grsix.government_office;
  tsu_render;
endtsuglyph;

```

[see page 2275]

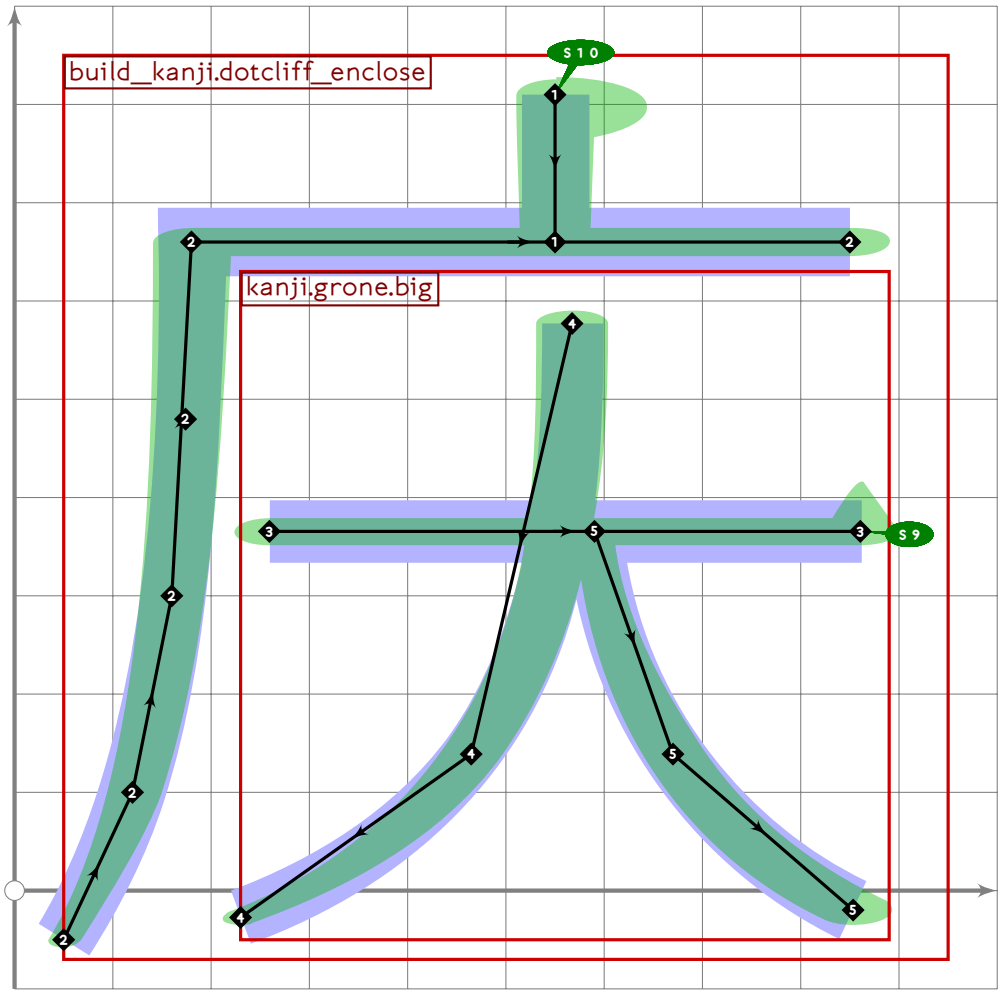



```
% extra
begintsuglyph("uni5E82",130);
  build_kanji.dotcliff_enclose(kanji.grone.person);
  tsu_render;
endtsuglyph;

% kou/hiro "wide"
begintsuglyph("uni5E83",131);                                  [see page 587]
  kanji.grtwo.wide;
  tsu_render;
endtsuglyph;

% kou/hiro "wide"
begintsuglyph("uni5E84",132);                                  [see page 962]
  kanji.grnine.manor;
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni5E86",134);
  build_kanji.dotcliff_enclose(kanji.grone.big);
  tsu_render;
endtsuglyph;

% toko/yuka "bed"
begintsuglyph("uni5E8A",138);                                [see page 2276]
  kanji.greight.bed;
  tsu_render;
endtsuglyph;

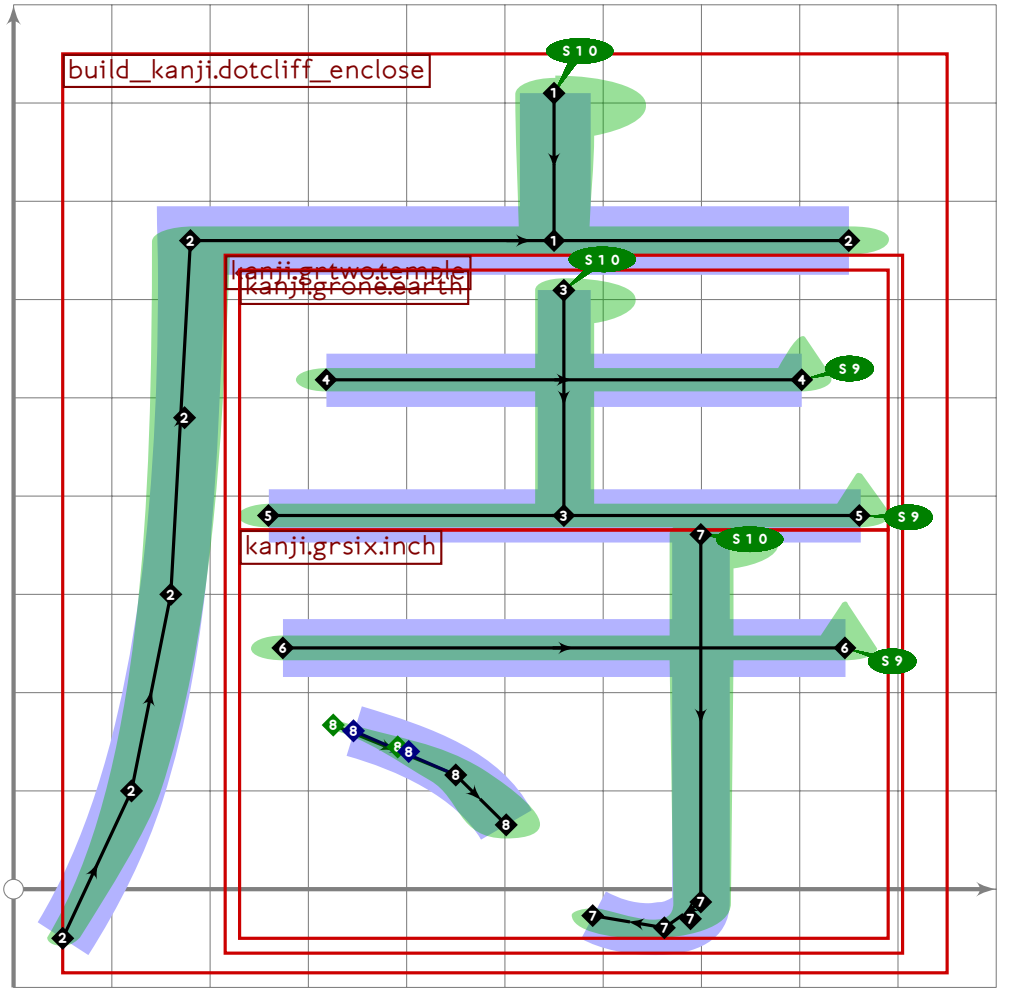
% jo/tsui "preface"
begintsuglyph("uni5E8F",143);                                [see page 2272]
  kanji.grfive.preface;
  tsu_render;
endtsuglyph;

% tei/soko "bottom"
begintsuglyph("uni5E95",149);                                [see page 2268]
  kanji.grfour.bottom;
```

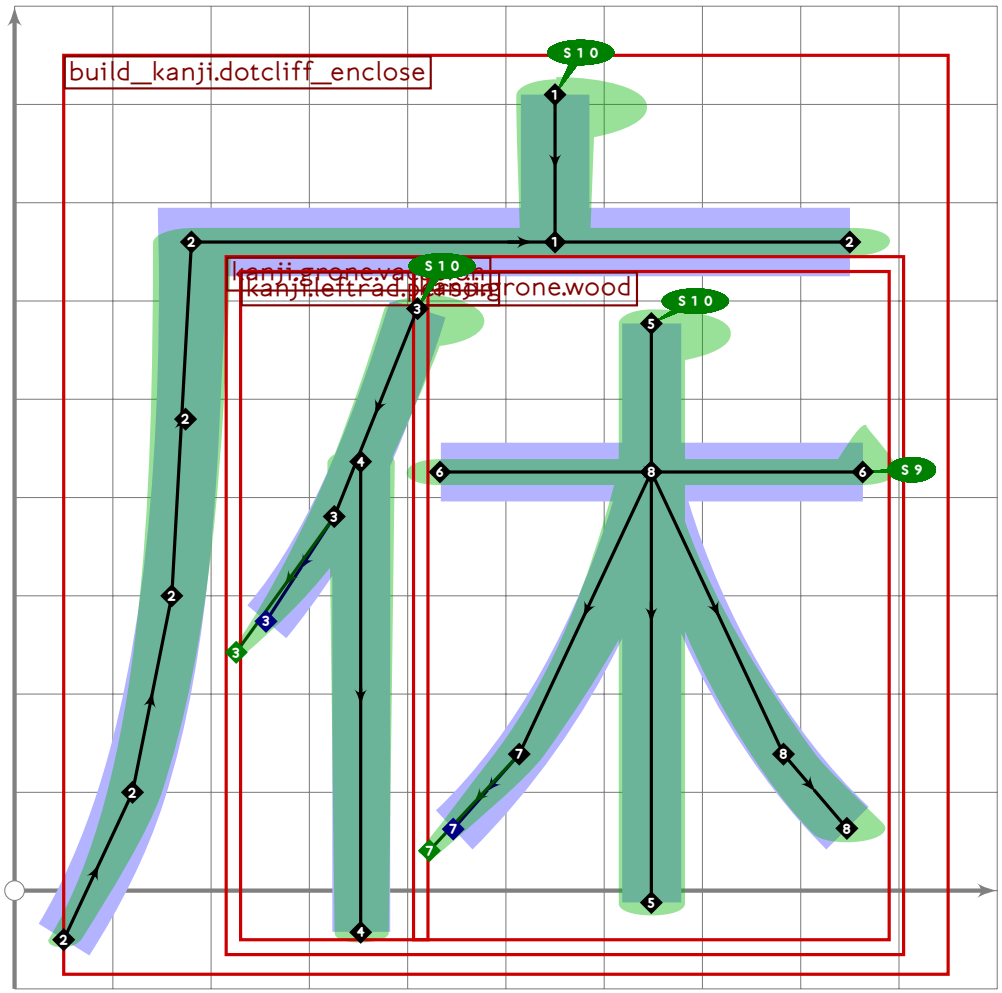
```
  tsu_render;
endtsuglyph;

% ten/mise "shop"
begintsuglyph("uni5E97",151);                                    [see page 566]
  kanji.grtwo.shop;
  tsu_render;
endtsuglyph;

% fu "urban prefecture"
begintsuglyph("uni5E9C",156);                                    [see page 741]
  kanji.grfour.urban_prefecture;
  tsu_render;
endtsuglyph;
```


```
% extra
begintsuglyph("uni5EA4",164);
  build_kanji.dotcliff_enclose(kanji.grtwo.temple);
  tsu_render;
endtsuglyph;
```




```
% extra
begintsuglyph("uni5EA5",165);
  build_kanji.dotcliff_enclose(kanji.grone.vacation);
  tsu_render;
endtsuglyph;

% do/tabi "degree"
begintsuglyph("uni5EA6",166);                                  [see page 2265]
  kanji.grthree.degree;
  tsu_render;
endtsuglyph;

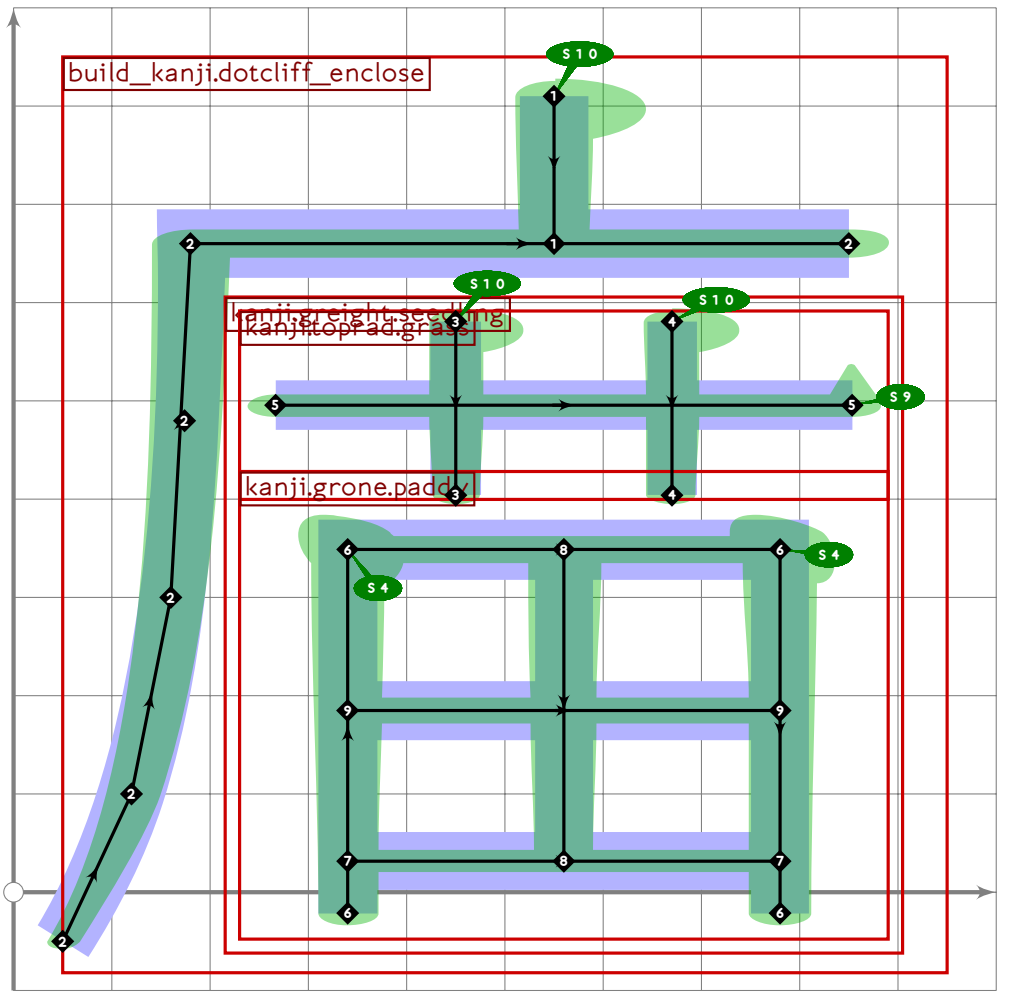
% ko/kura "warehouse"
begintsuglyph("uni5EAB",171);                                  [see page 2267]
  kanji.grthree.warehouse;
  tsu_render;
endtsuglyph;

% tei/niwa "courtyard
begintsuglyph("uni5EAD",173);                                  [see page 613]
  kanji.grthree.courtyard;
```

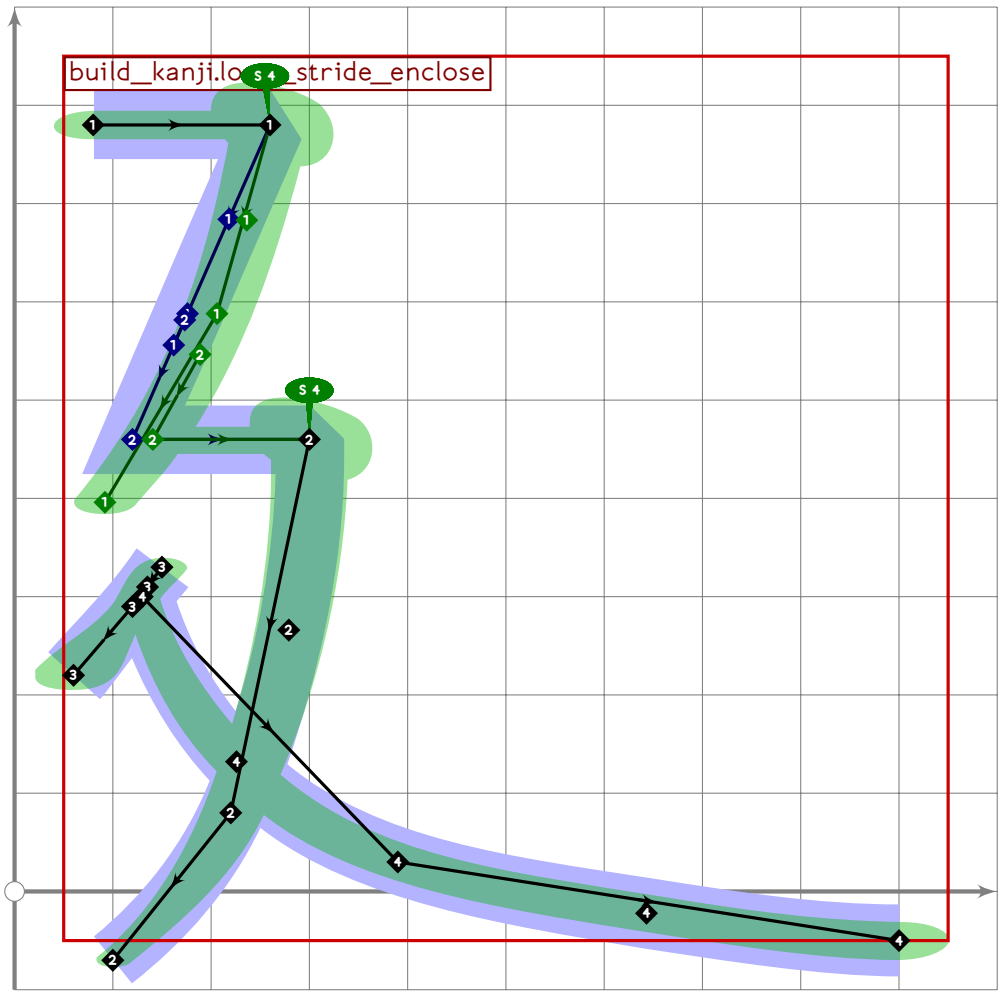
```
  tsu_render;
endtsuglyph;

% an/iori "hermitage"
begintsuglyph("uni5EB5",181);                                    [see page 2279]
  kanji.grnine.hermitage;
  tsu_render;
endtsuglyph;

% kou "peace"
begintsuglyph("uni5EB7",183);                                    [see page 721]
  kanji.grfour.peace;
  tsu_render;
endtsuglyph;
```

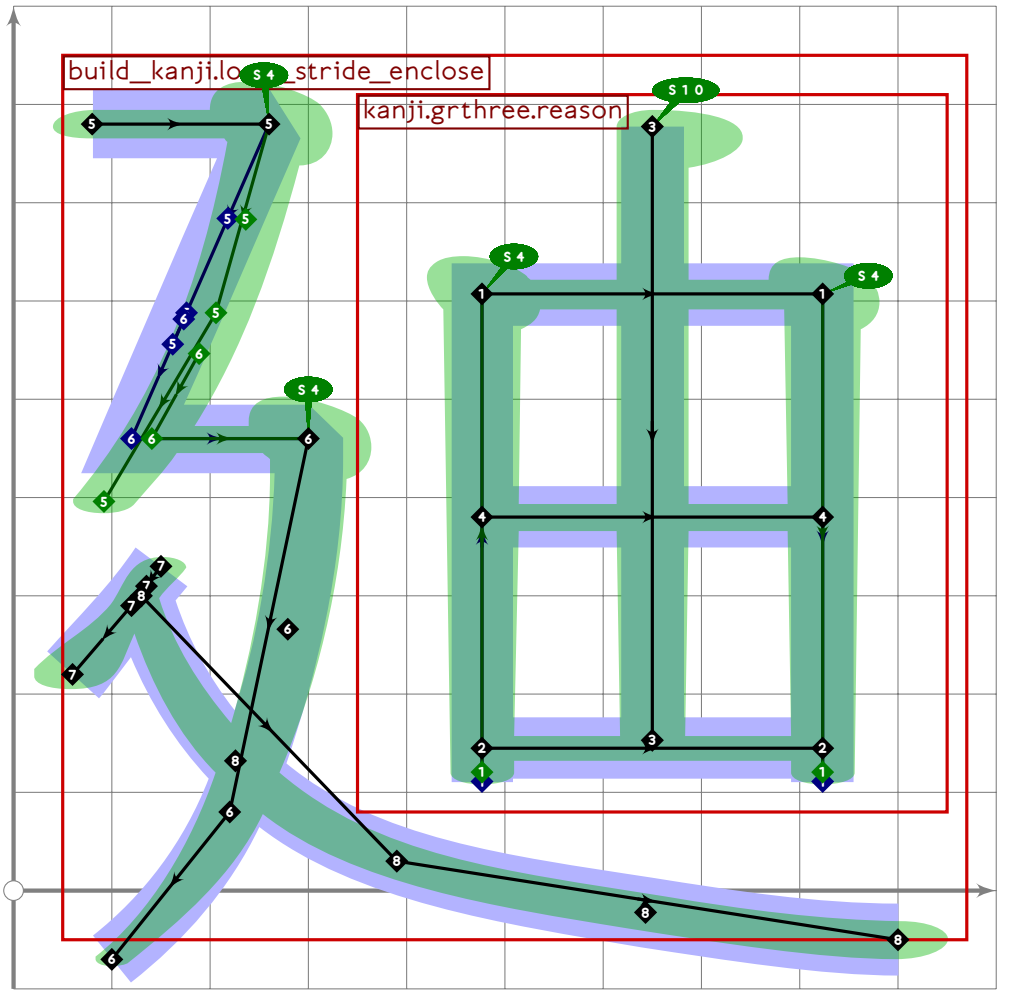

```
% extra
begintsuglyph("uni5EBF",191);
  build_kanji.dotcliff_enclose(
    tsu_xform(identity yscaled 0.94)(kanji.greight.seedling));
  tsu_render;
endtsuglyph;
```




```
% "long stride" radical
begintsuglyph("uni5EF4",244);
  build_kanji.long_stride_enclose(true)();
  tsu_render;
endtsuglyph;

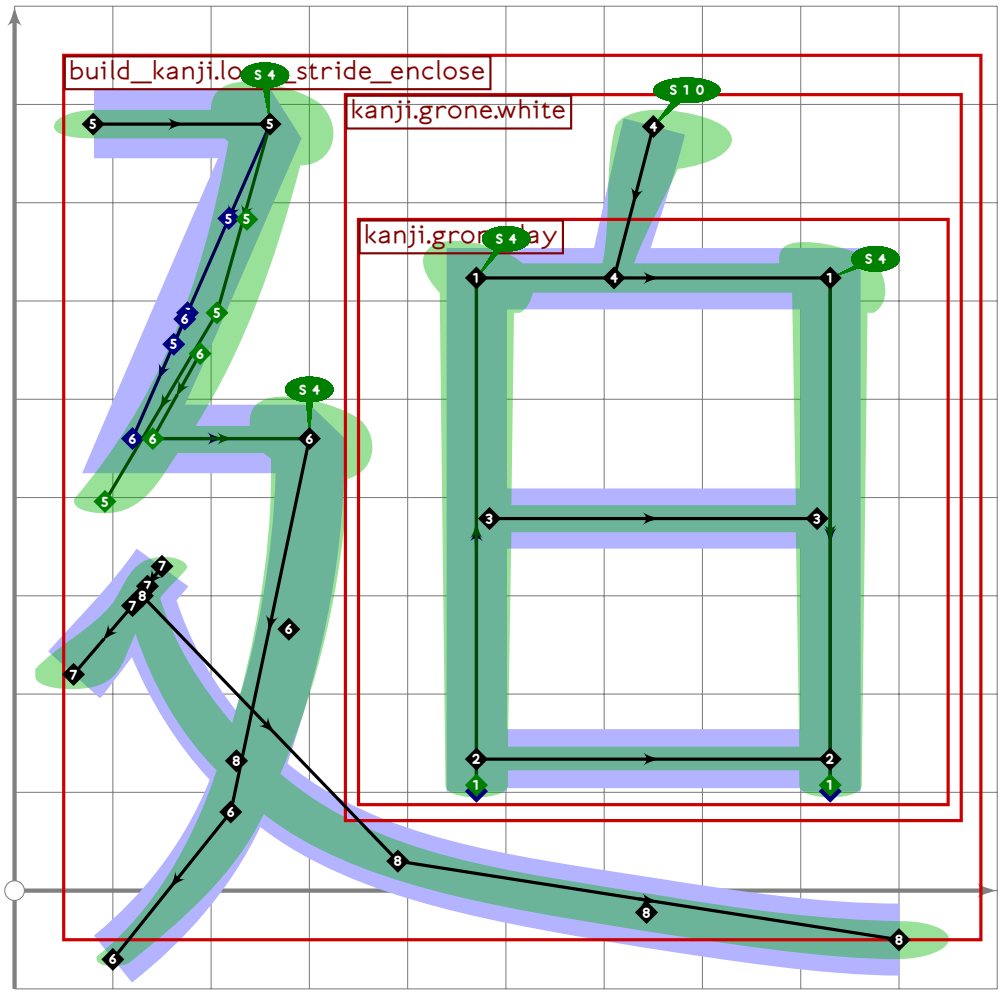
% en/no "prolong"
begintsuglyph("uni5EF6",246);                                    [see page 798]
  kanji.grsix.prolong;
  tsu_render;
endtsuglyph;

% tei "court"
begintsuglyph("uni5EF7",247);                                    [see page 888]
  kanji.greight.court;
  tsu_render;
endtsuglyph;
```




```
% extra "path" or "way"
begintsuglyph("uni5EF8",248);
  build_kanji.long_stride_enclose(true)(kanji.grthree.reason);
  tsu_render;
endtsuglyph;

```

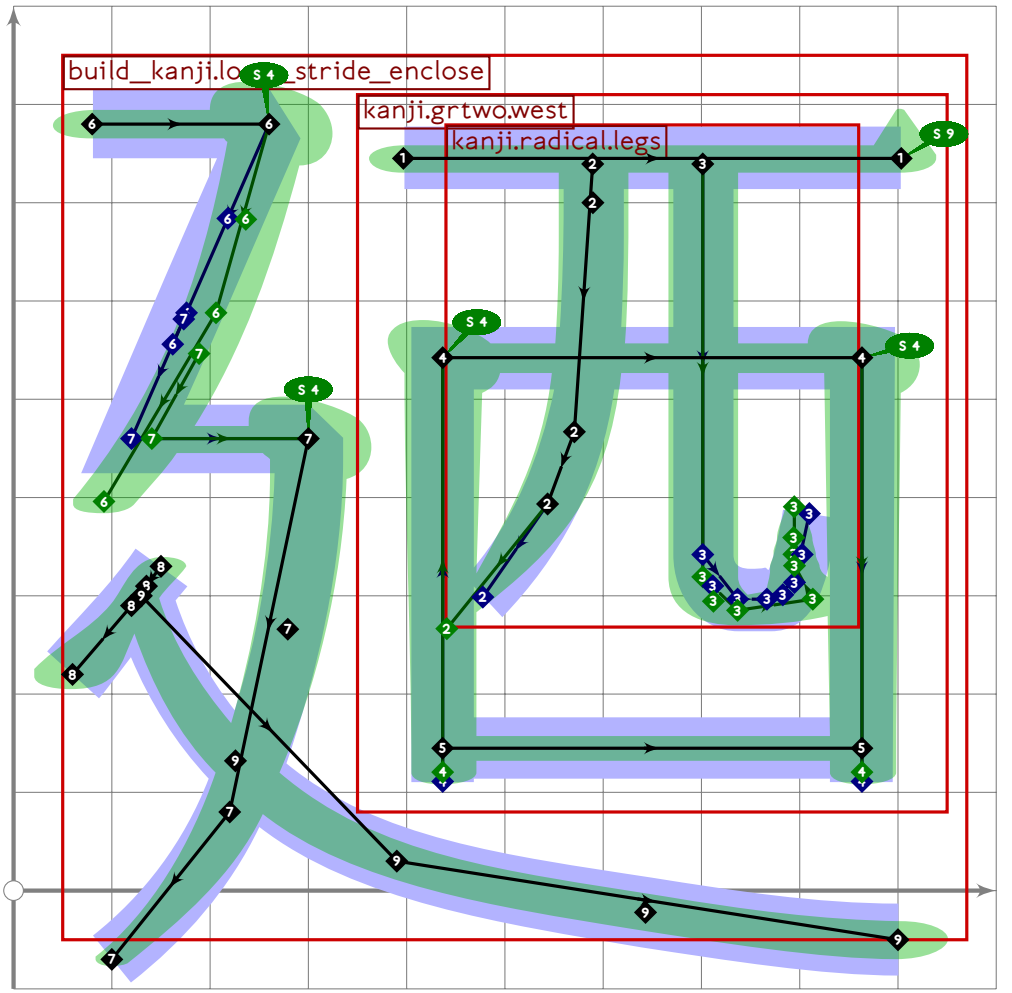



```
% extra
beginsuglyph("uni5EF9",249);
  build_kanji.long_stride_enclose(true)(kanji.grone.white);
  tsu_render;
endtsuglyph;

% ken/ta "build"
beginsuglyph("uni5EFA",250);                                    [see page 677]
  kanji.grfour.build;
  tsu_render;
endtsuglyph;

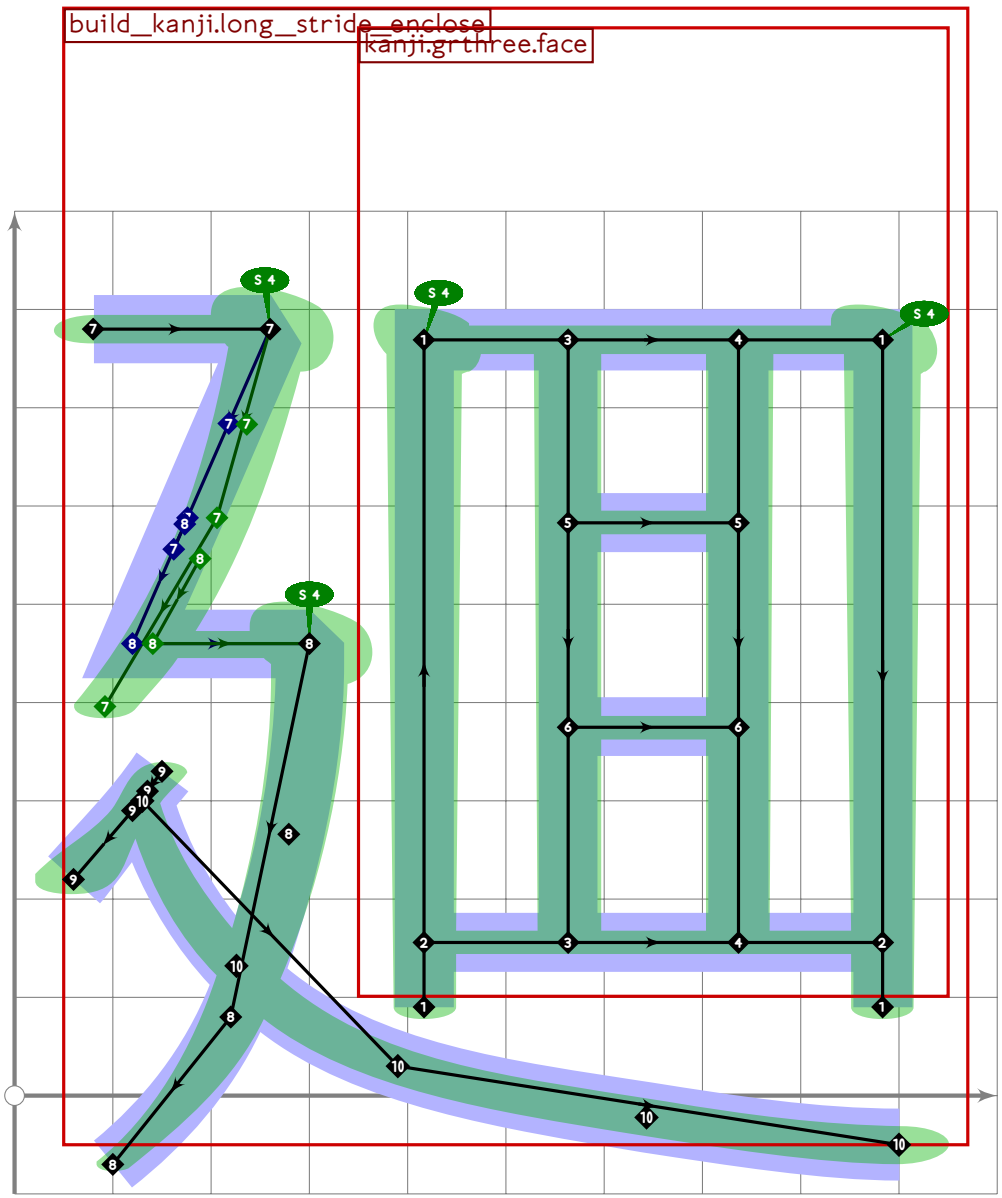
% kai/mawa "go around"
beginsuglyph("uni5EFB",251);                                    [see page 2278]
  kanji.grnine.go_around;
  tsu_render;
endtsuglyph;

```




```
% extra "in other words," "thou," etc.
begintsuglyph("uni5EFC",252);
  build_kanji.long_stride_enclose(true)(kanji.grtwo.west);
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni5EFD",253);
  build_kanji.long_stride_enclose(true)(
    build_kanji.sscale(yscaled 1.35 shifted (0,180))(kanji.grthree.face);
    obstacktype[find_whatever(otstroke,-6)]:=otnull;
    obstacktype[find_whatever(otstroke,-6)]:=otnull);
  tsu_render;
endtsuglyph;

% extra
begintsuglyph("uni5EFE",254);
  kanji.radical.aitch;
  tsu_render;
endtsuglyph;

% juu/nijuu "twenty"
```

[see page 821]

```
begintsuglyph("uni5EFF",255);                                    [see page 981]
  kanji.grnine.twenty;
  tsu_render;
endtsuglyph;

---

endfont;

---
```

tsuku-5f.mp


```
%
% Unicode page 5F (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

---

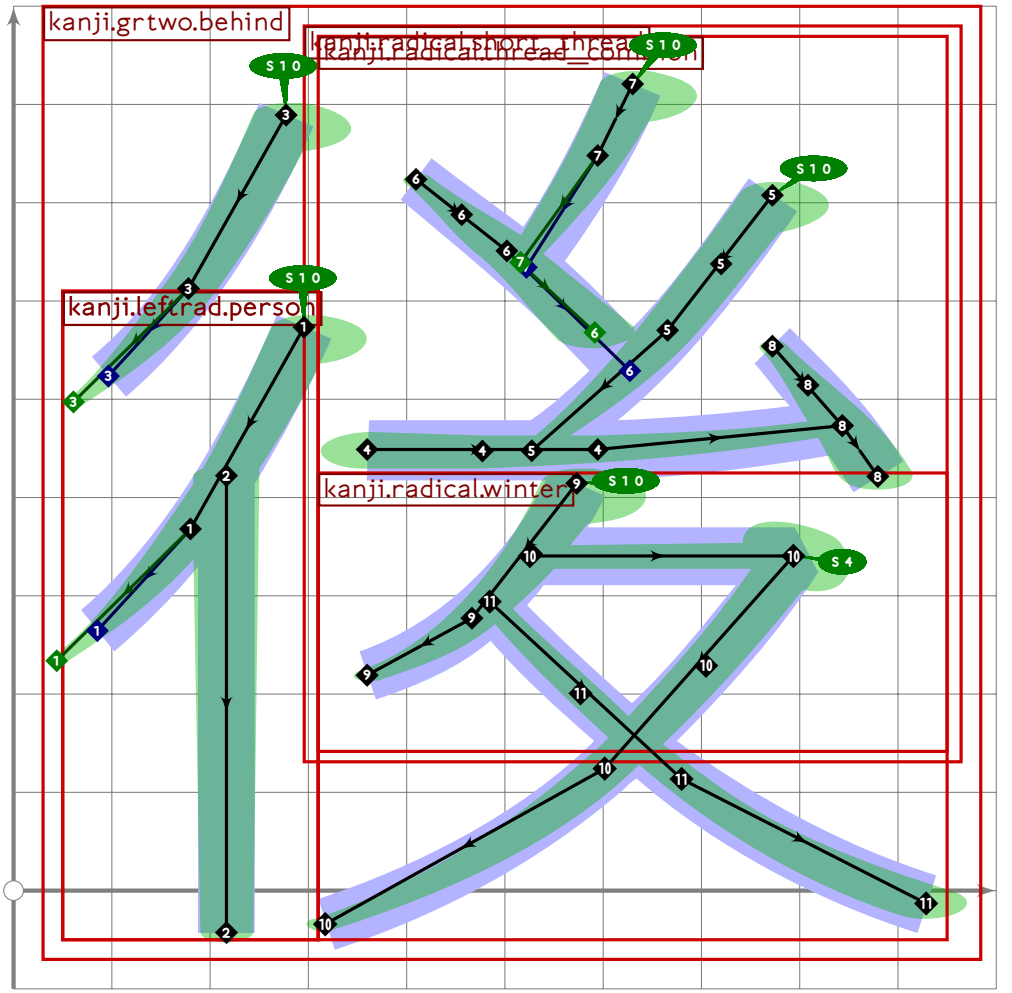
beginfont

% AUTODEPS
input bkencl.mp;
input bottomrad.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input rightrad.mp;
input toprad.mp;

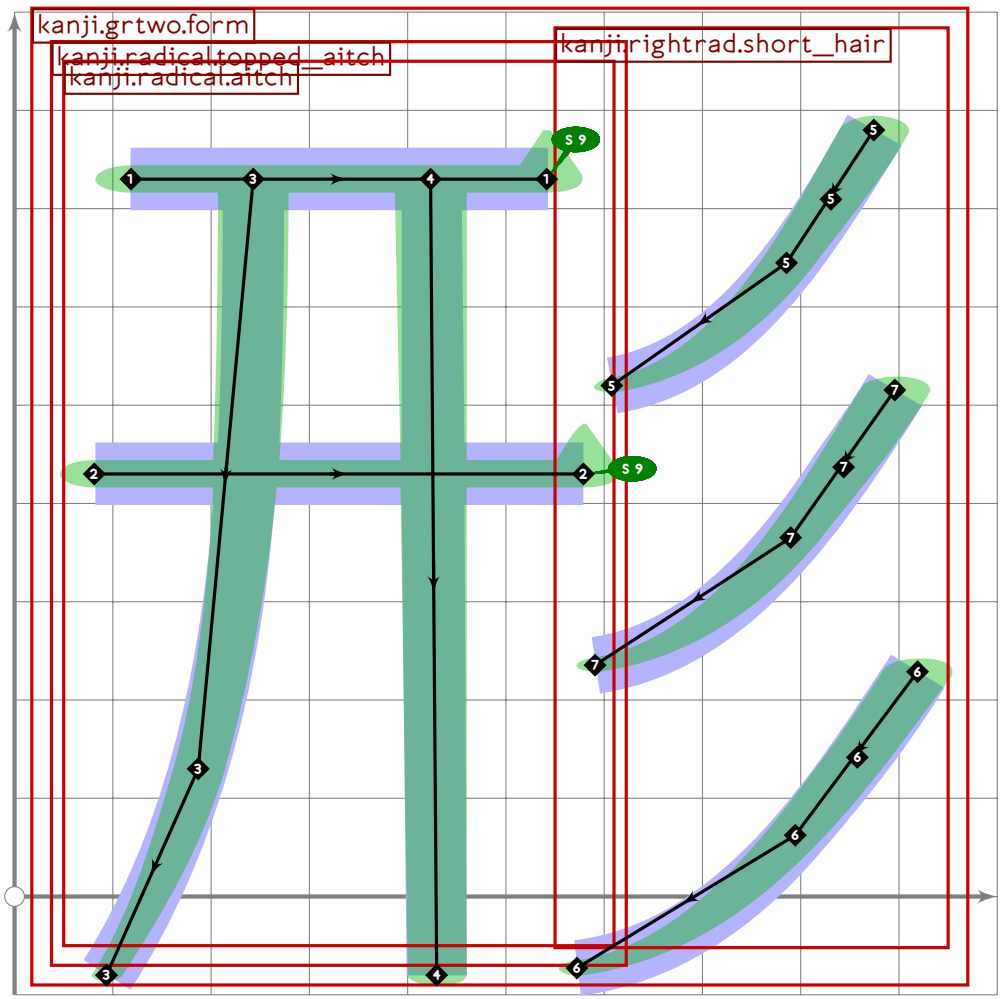
do_late_includes;

---
```

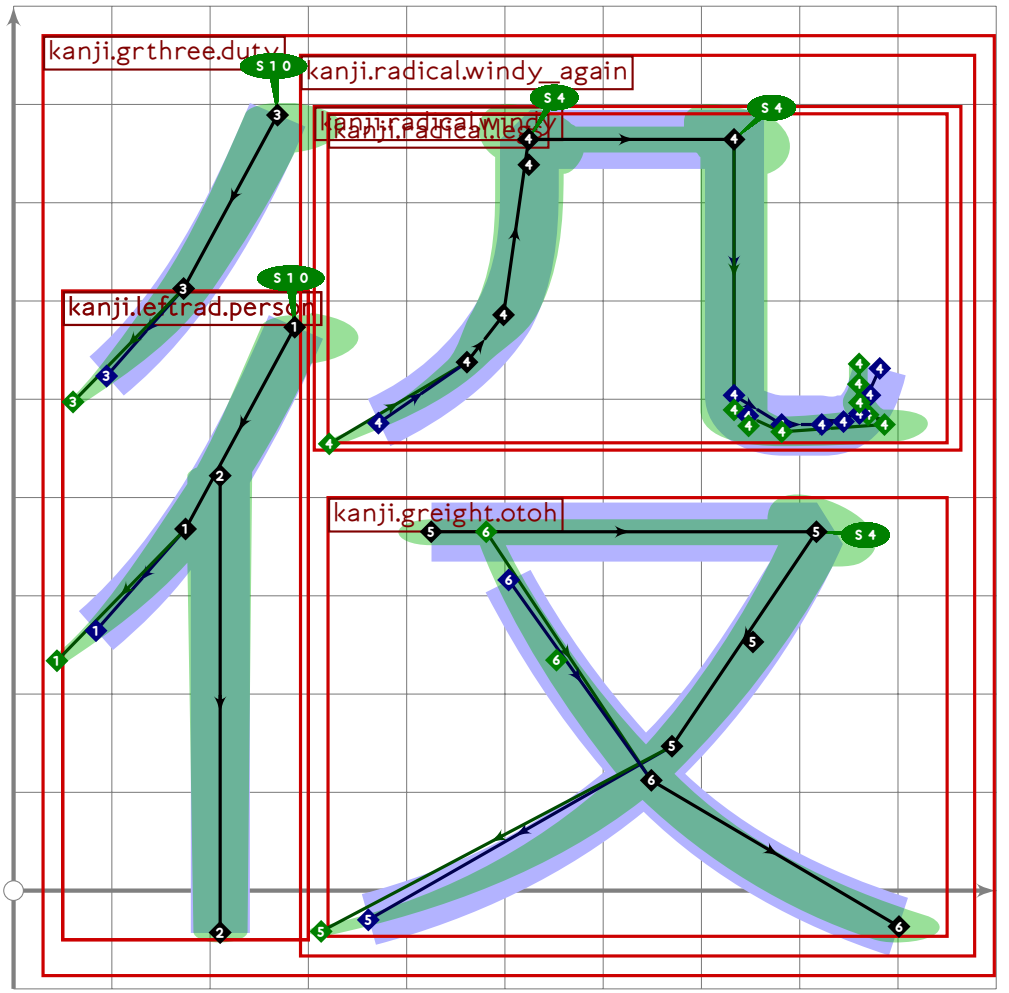
U+5F8C
tsuku.uni5F8C



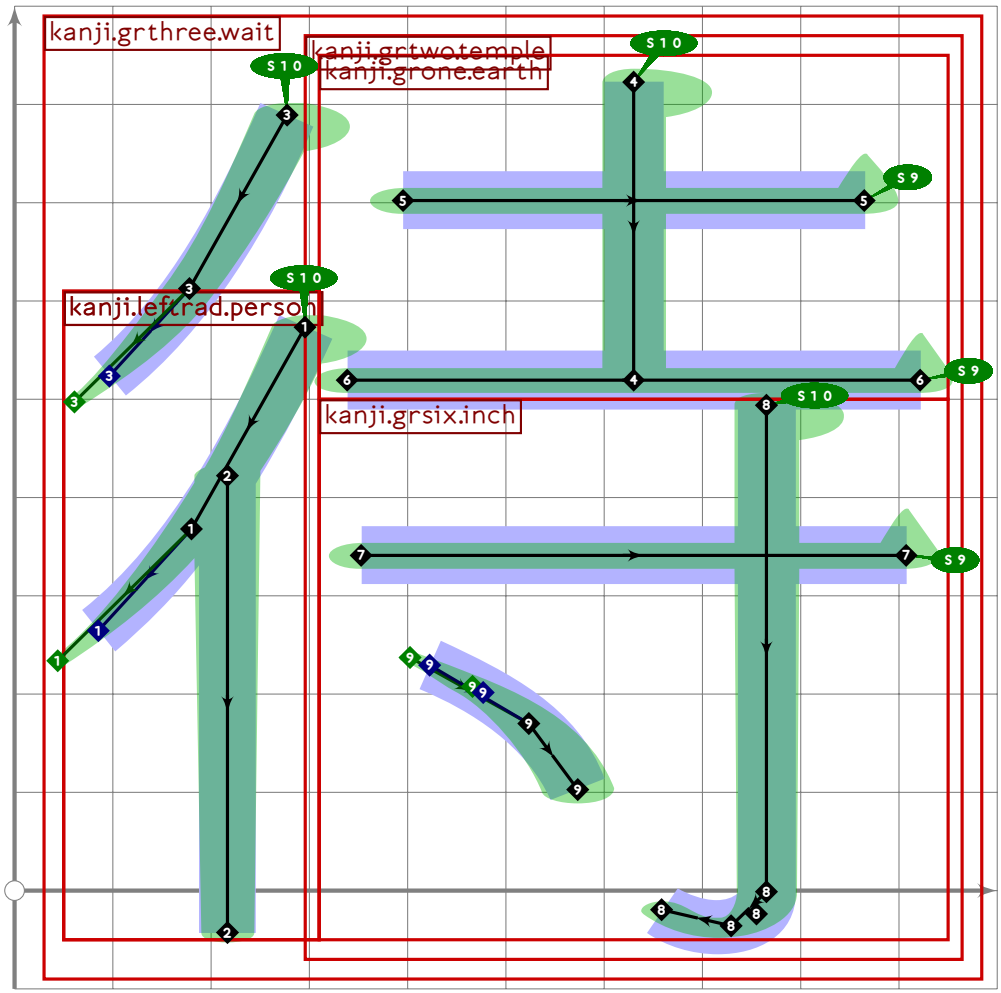

```
56
57 vardef kanji.grtwo.behind =
58   push_pbox_toexpand("kanji.grtwo.behind");
59   build_kanji.level(build_kanji.lr(310,0)
60     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
61     (build_kanji.tb(400,50)
62         (kanji.radical.short_thread)
63         (kanji.radical.winter)));
64   expand_pbox;
65 enddef;
```




```
66
67 vardef kanji.grtwo.form =
68   push_pbox_toexpand("kanji.grtwo.form");
69   build_kanji.level(build_kanji.lr(580,60)
70     (kanji.radical.topped_aitch)
71     (tsu_xform(identity yscaled 1.04)(kanji.rightrad.short_hair)));
72   expand_pbox;
73 enddef;
74
75 ---------------------------------------------------------------------
```

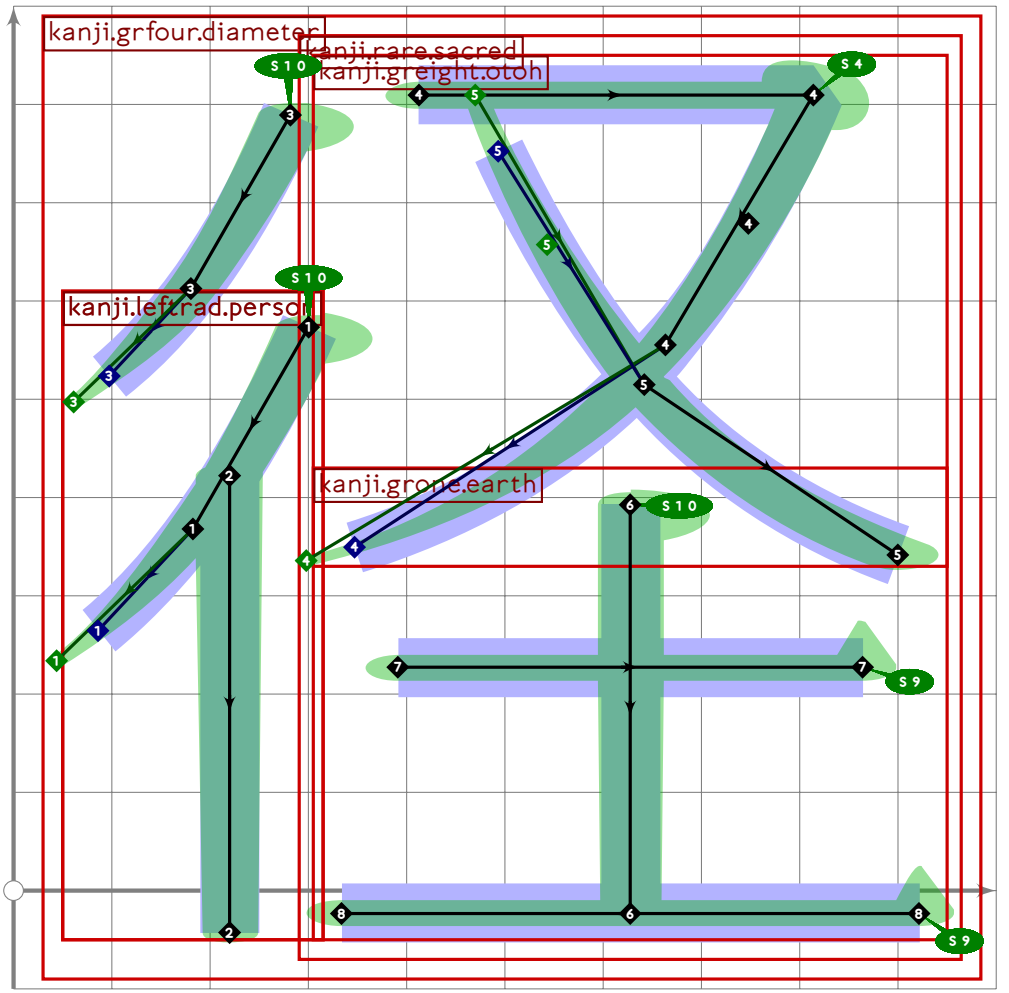



```
76
77 vardef kanji.grthree.duty =
78   push_pbox_toexpand("kanji.grthree.duty");
79   build_kanji.level(build_kanji.lr(310,-20)
80     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
81     (kanji.radical.windy_again));
82   expand_pbox;
83 enddef;
```

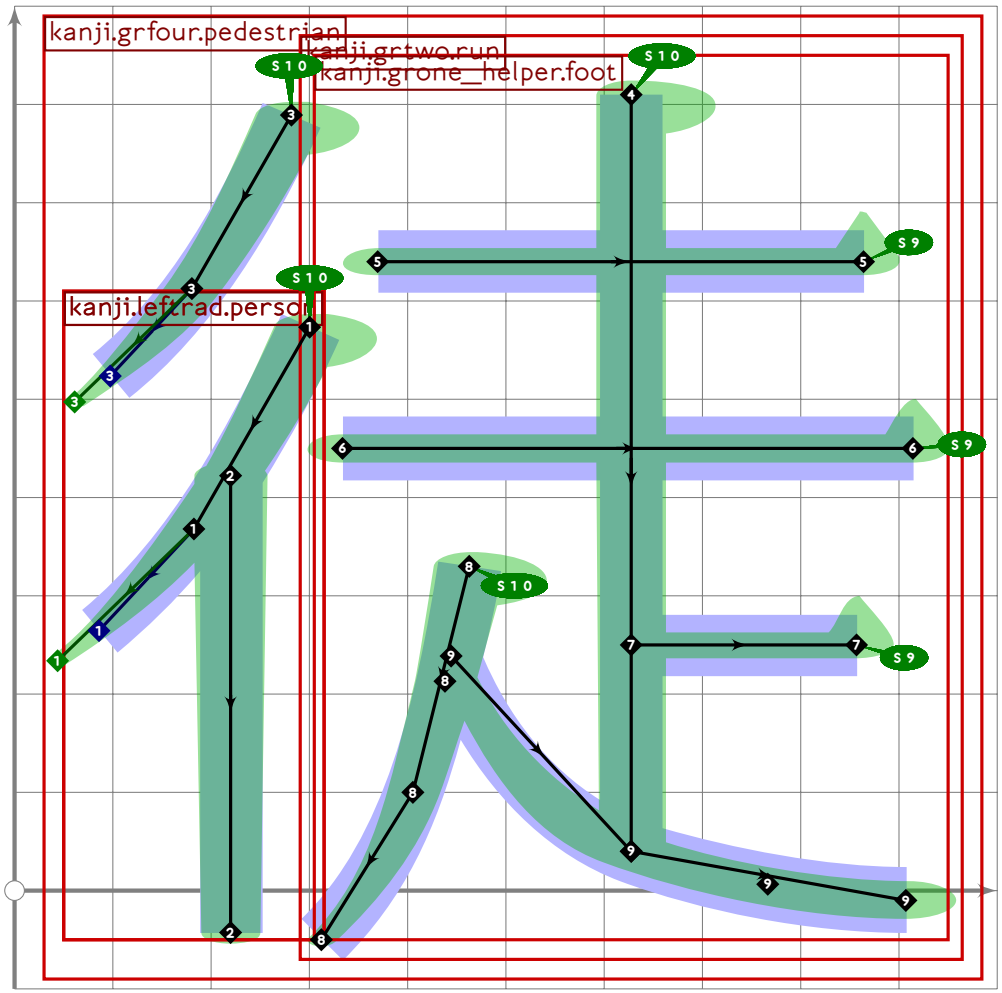



```
vardef kanji.grthree.wait =
  push_pbox_toexpand("kanji.grthree.wait");
  build_kanji.level(build_kanji.lr(310,0)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.grtwo.temple));
  expand_pbox;
enddef;
```

U+5F84
tsuku.uni5F84

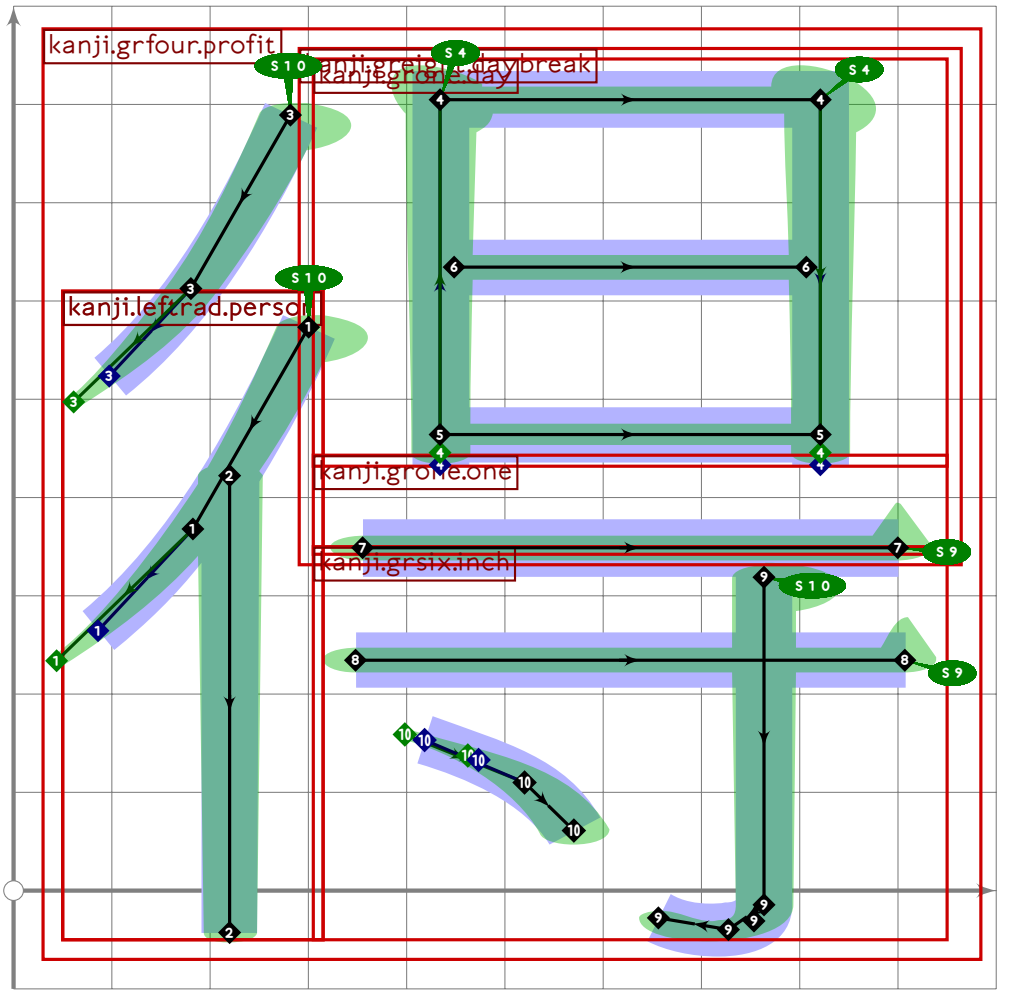



```
94
95 vardef  kanji.grfour.diameter =
96   push_pbox_toexpand("kanji.grfour.diameter");
97   build_kanji.level(build_kanji.lr(310,10)
98     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
99     (kanji.rare.sacred));
100  expand_pbox;
101 enddef;
```

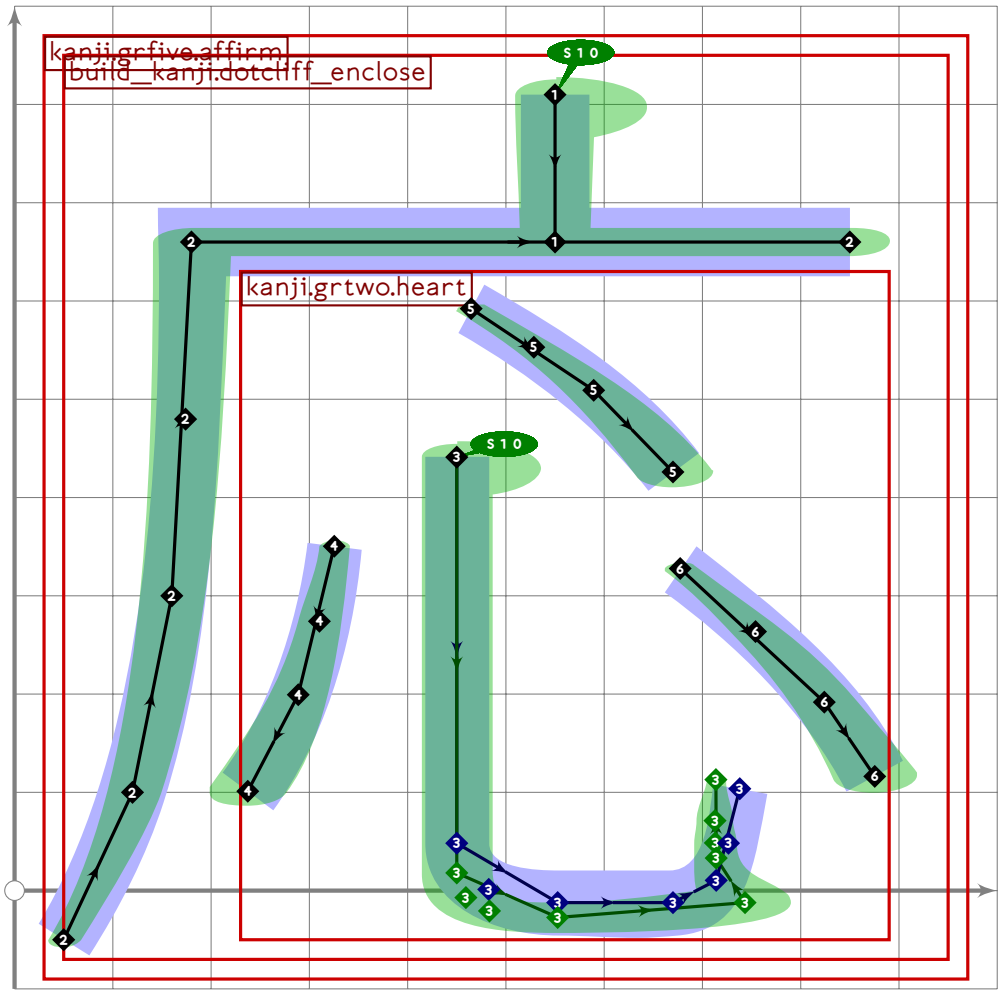



```
102
103 vardef  kanji.grfour.pedestrian =
104   push_pbox_toexpand("kanji.grfour.pedestrian");
105   build_kanji.level(build_kanji.lr(310,10)
106     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
107     (kanji.grtwo.run));
108   expand_pbox;
109 enddef;
```

U+5F97
tsuku.uni5F97

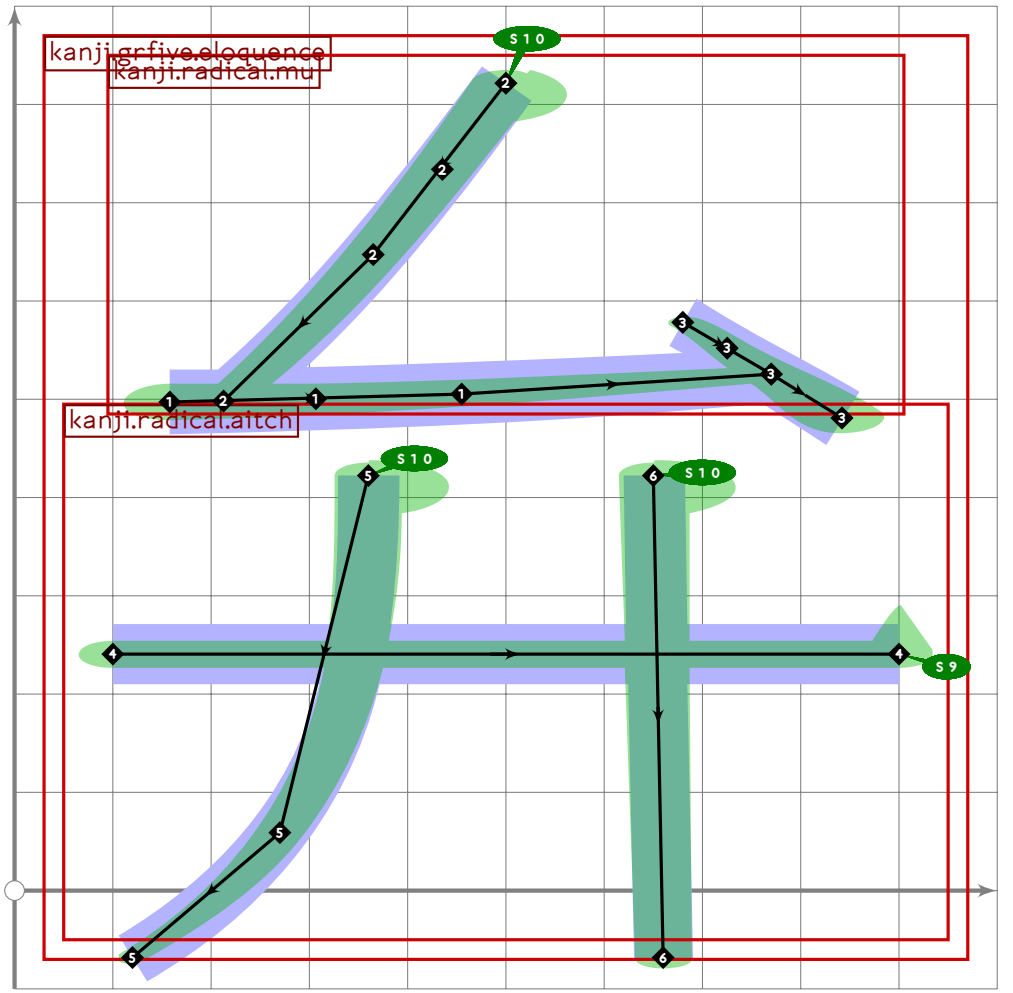



```
110
111 vardef kanji.grfour.profit =
112   push_pbox_toexpand("kanji.grfour.profit");
113   build_kanji.level(build_kanji.lr(310,10)
114     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
115     (build_kanji.tb(360,-20)
116         (kanji.greight.daybreak;
117           replace_strokep(0)(oldp shifted (0,-80)))
118         (kanji.grsix.inch)));
119   expand_pbox;
120 enddef;
121
122 ---------------------------------------------------------------
```

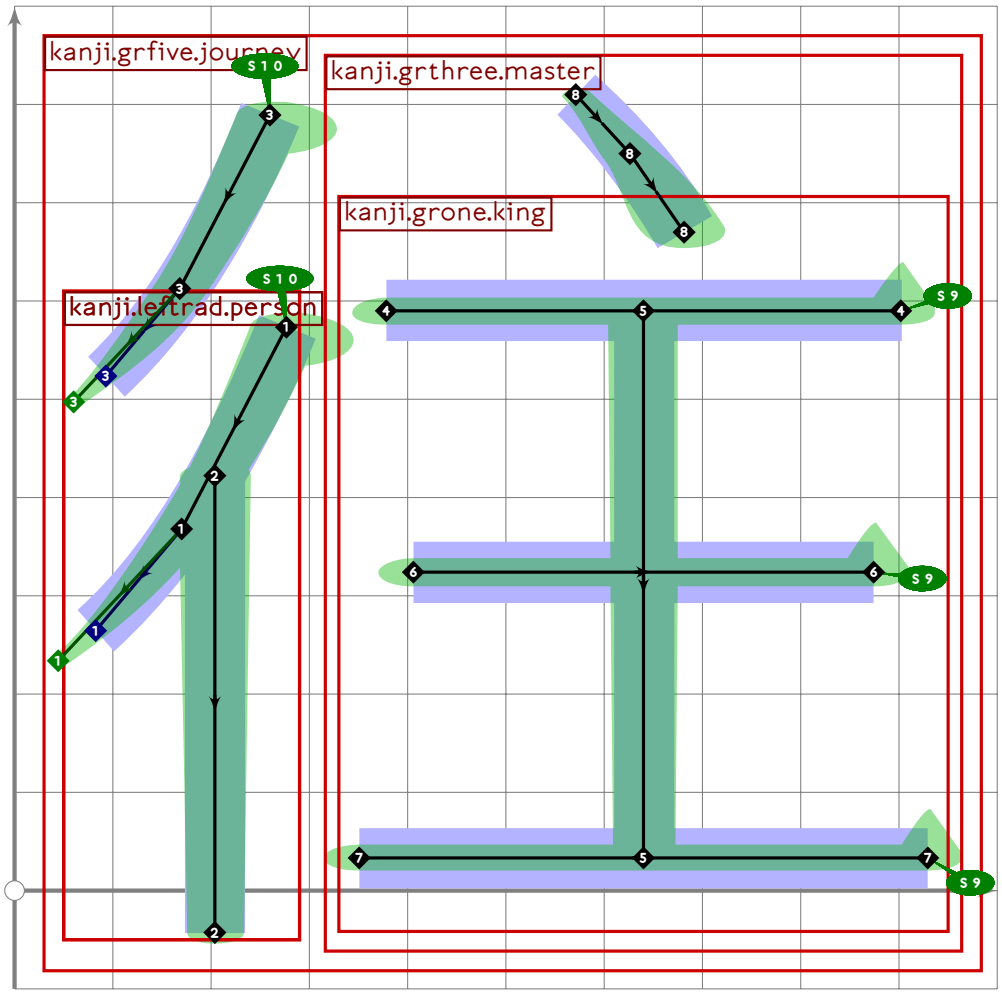



```
123
124 vardef kanji.grfive.affirm =
125   push_pbox_toexpand("kanji.grfive.affirm");
126   build_kanji.dotcliff_enclose(kanji.grtwo.heart);
127   expand_pbox;
128 enddef;
```

U+5F01
tsuku.uni5F01

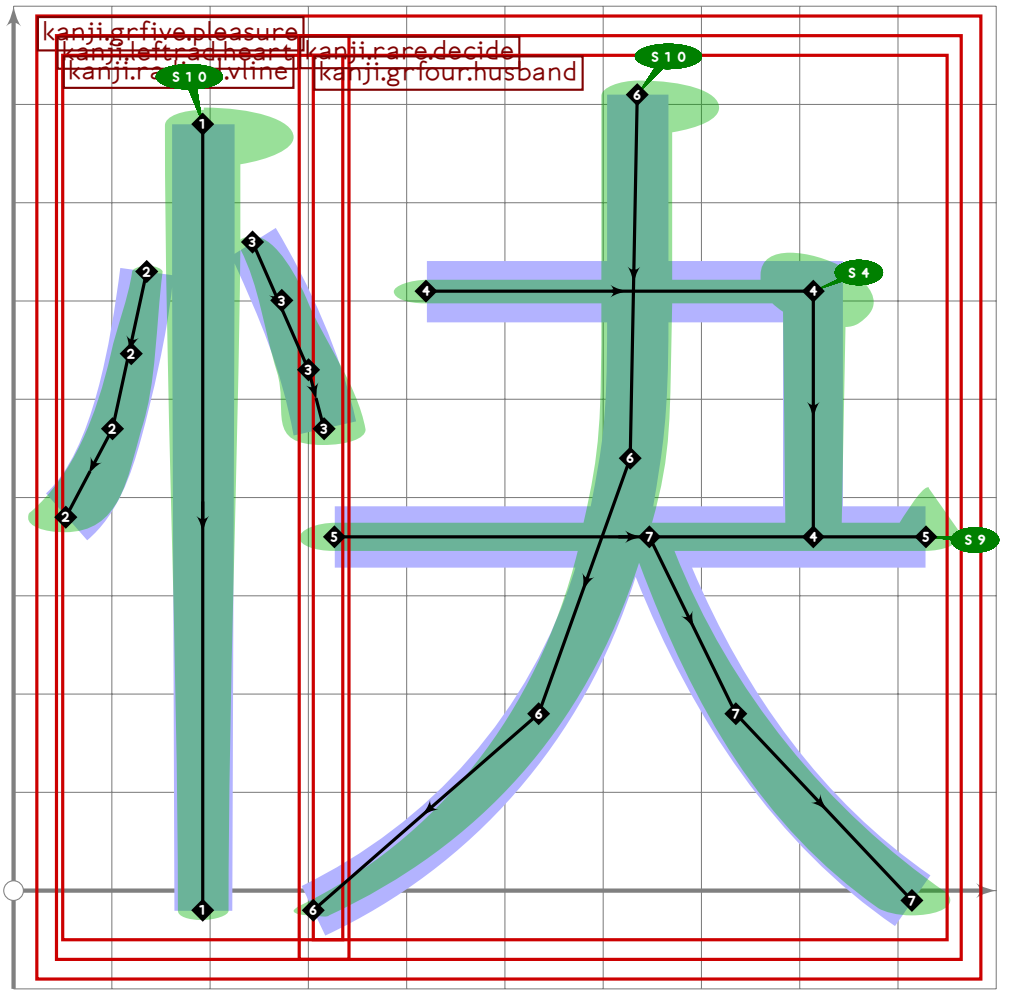



```
129
130 vardef  kanji.grfive.eloquence  =
131   push_pbox_toexpand("kanji.grfive.eloquence");
132   build_kanji.level(build_kanji.tb(490,10)
133     (build_kanji.sscale(xscaled  0.90)(kanji.radical.mu))
134     (kanji.radical.aitch));
135   expand_pbox;
136 enddef;
```

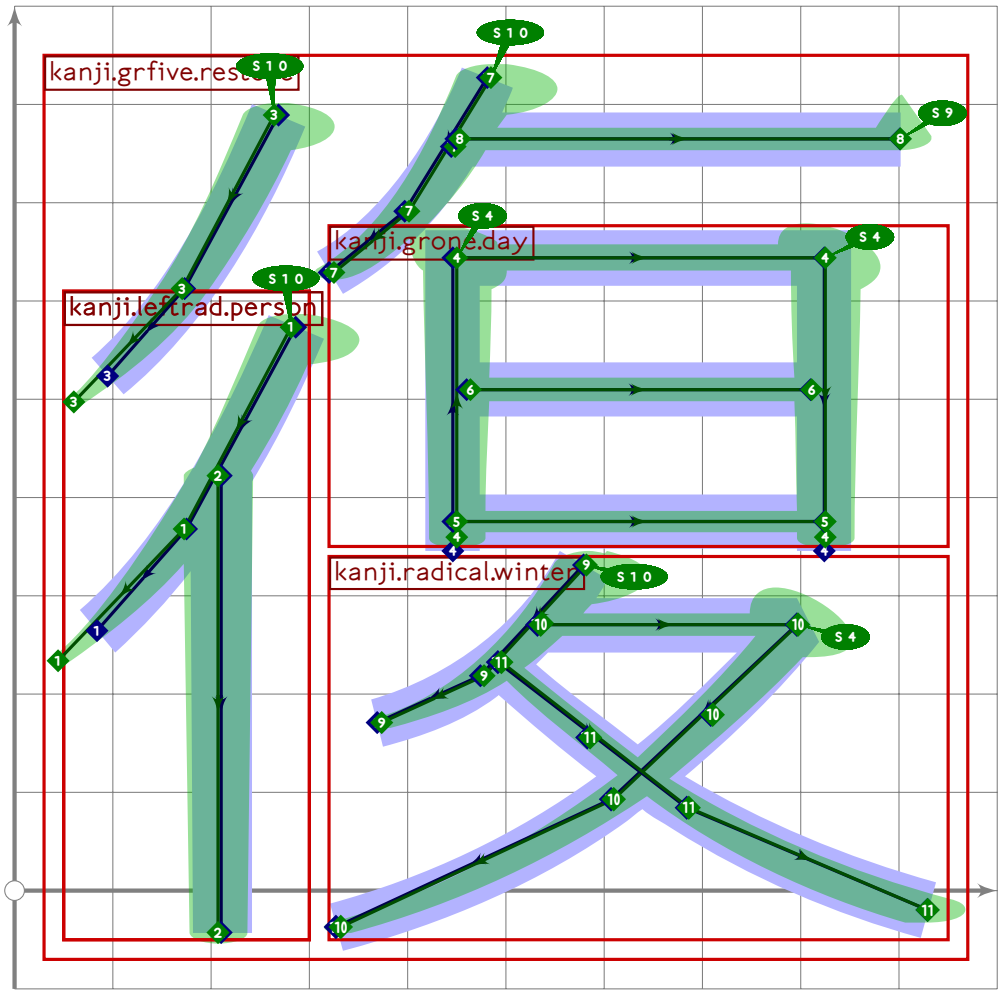



```
vardef  kanji.grfive.journey =
  push_pbox_toexpand("kanji.grfive.journey");
  build_kanji.level(build_kanji.lr(310,-40)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.grthree.master));
  expand_pbox;
enddef;
```

U+5FEB
tsuku.uni5FEB

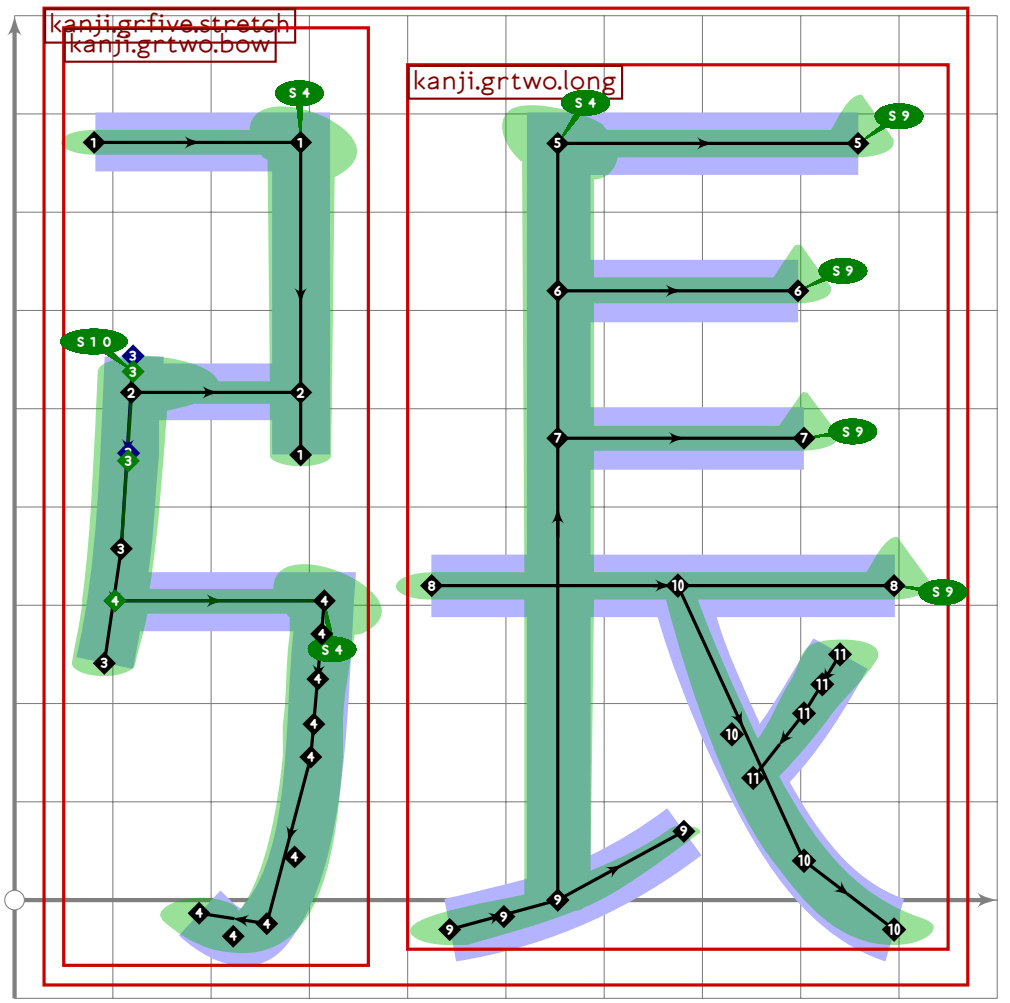



```
145
146 vardef  kanji.grfive.pleasure =
147   push_pbox_toexpand("kanji.grfive.pleasure");
148   build_kanji.level(build_kanji.lr(320,30)
149     (kanji.leftrad.heart)
150     (kanji.rare.decide));
151   expand_pbox;
152 enddef;
```

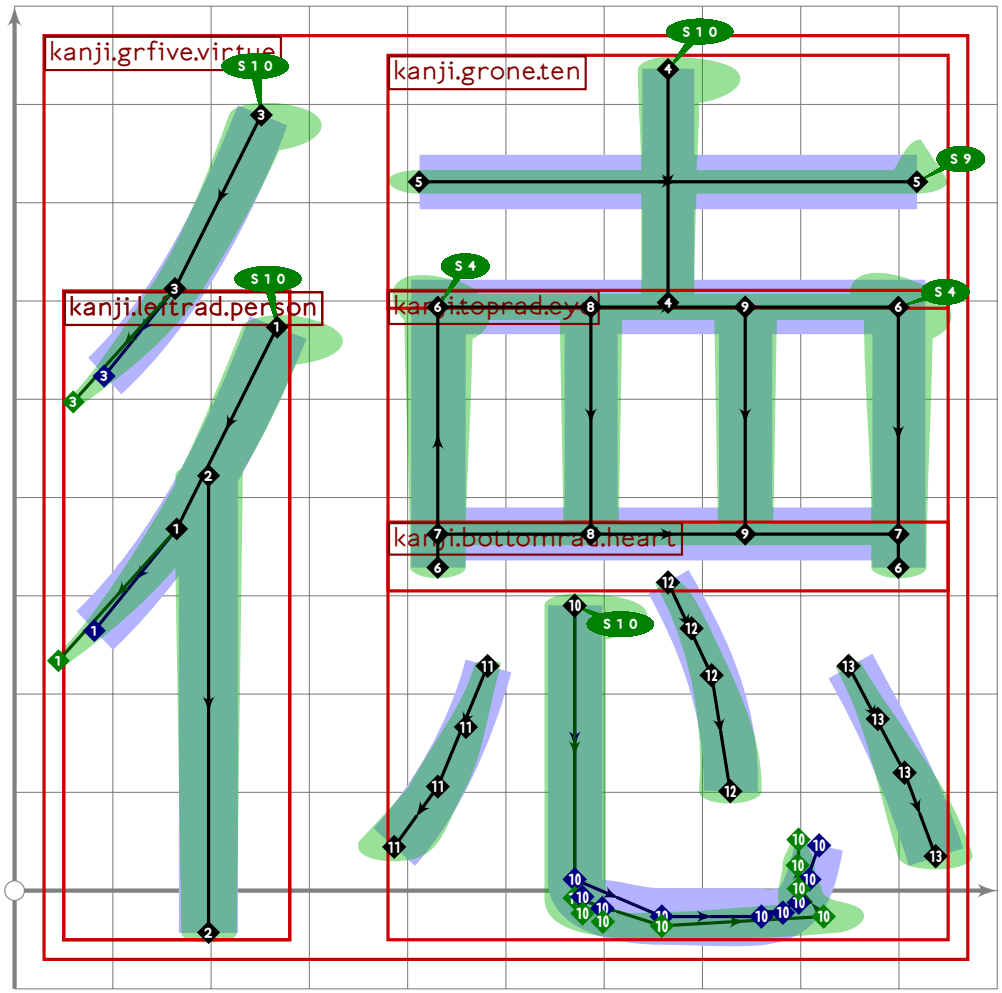



```
153
154 vardef kanji.grfive.restore =
155   push_pbox_toexpand("kanji.grfive.restore");
156   build_kanji.lr(310,-20-10*mincho)
157     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
158     (build_kanji.level(build_kanji.tb(340,0)
159         (tsu_xform(identity yscaled (480/750))
160             (kanji.grone.day);
161           push_stroke((280,810)..tension 1.2..(160,570)..(50,460),
162             (1.7,1.7)--(1.5,1.5)--(1.2,1.2));
163           set_boserif(0,0,10);
164           set_bosize(0,90);
165           push_stroke((get_strokep(0) intersectionpoint ((0,700)--(1000,700)))--
166                 (880,700),
167             (1.5,1.5)--(1.6,1.6));
168           set_boserif(0,1,9);
169           set_bosize(0,90))
170         (kanji.radical.winter)));
171   expand_pbox;
172 enddef;
```

U+5F35
tsuku.uni5F35

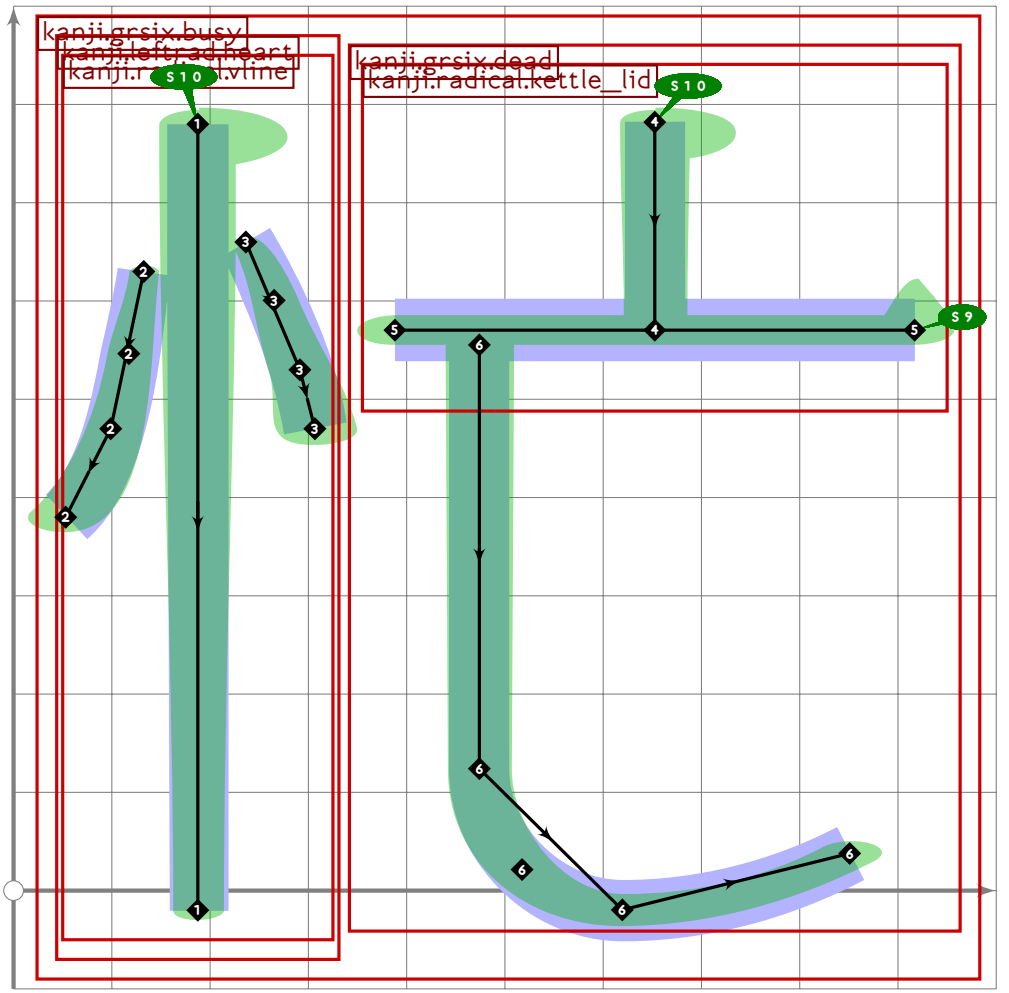



```
173
174 vardef kanji.grfive.stretch =
175   push_pbox_toexpand("kanji.grfive.stretch");
176   build_kanji.lr(380,-40)
177     (build_kanji.sscale(yscaled 1.06 shifted (0,10))(kanji.grtwo.bow))
178     (kanji.grtwo.long);
179   expand_pbox;
180 enddef;
```

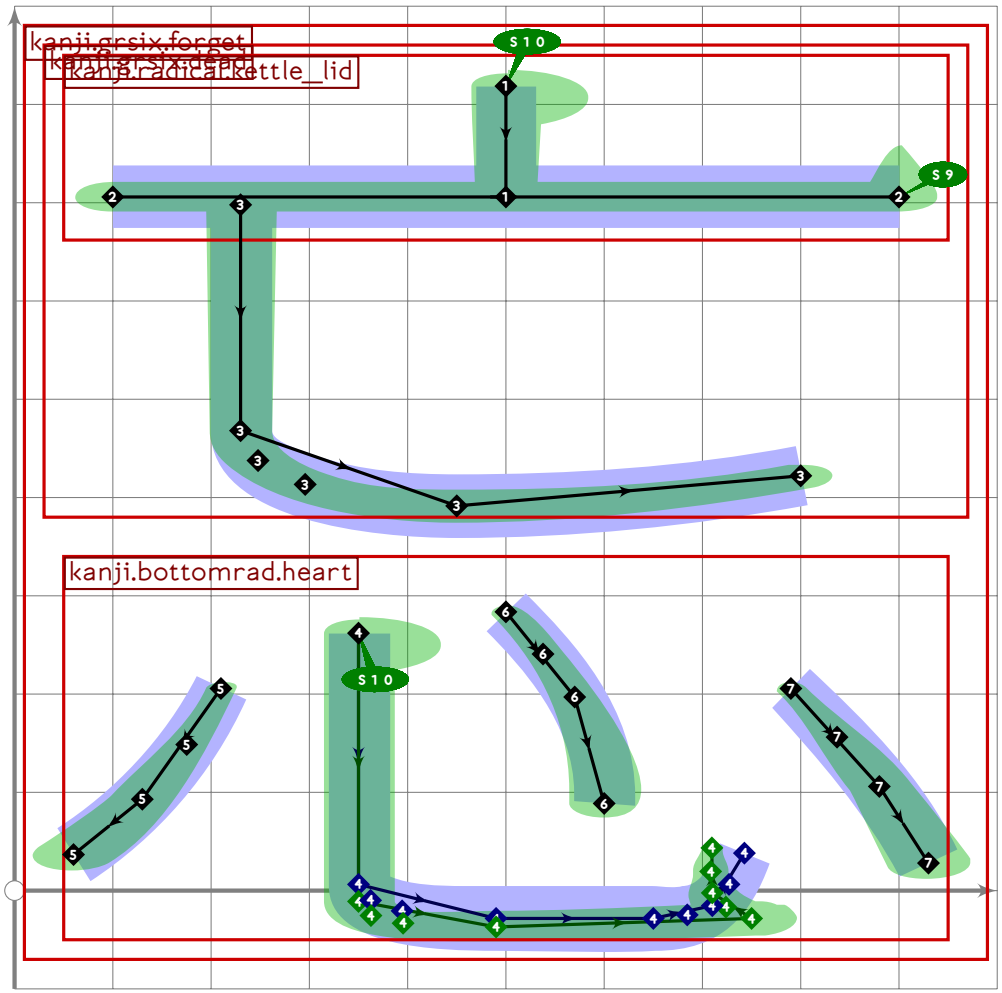



```
vardef kanji.grfive.virtue =
  push_pbox_toexpand("kanji.grfive.virtue");
  build_kanji.lr(330,-100)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (build_kanji.level(build_kanji.tb(340,70)
        (build_kanji.tb(440,30)
            (kanji.grone.ten)
            (kanji.toprad.eye))
        (kanji.bottomrad.heart)));
  expand_pbox;
enddef;
```

U+5FD9
tsuku.uni5FD9

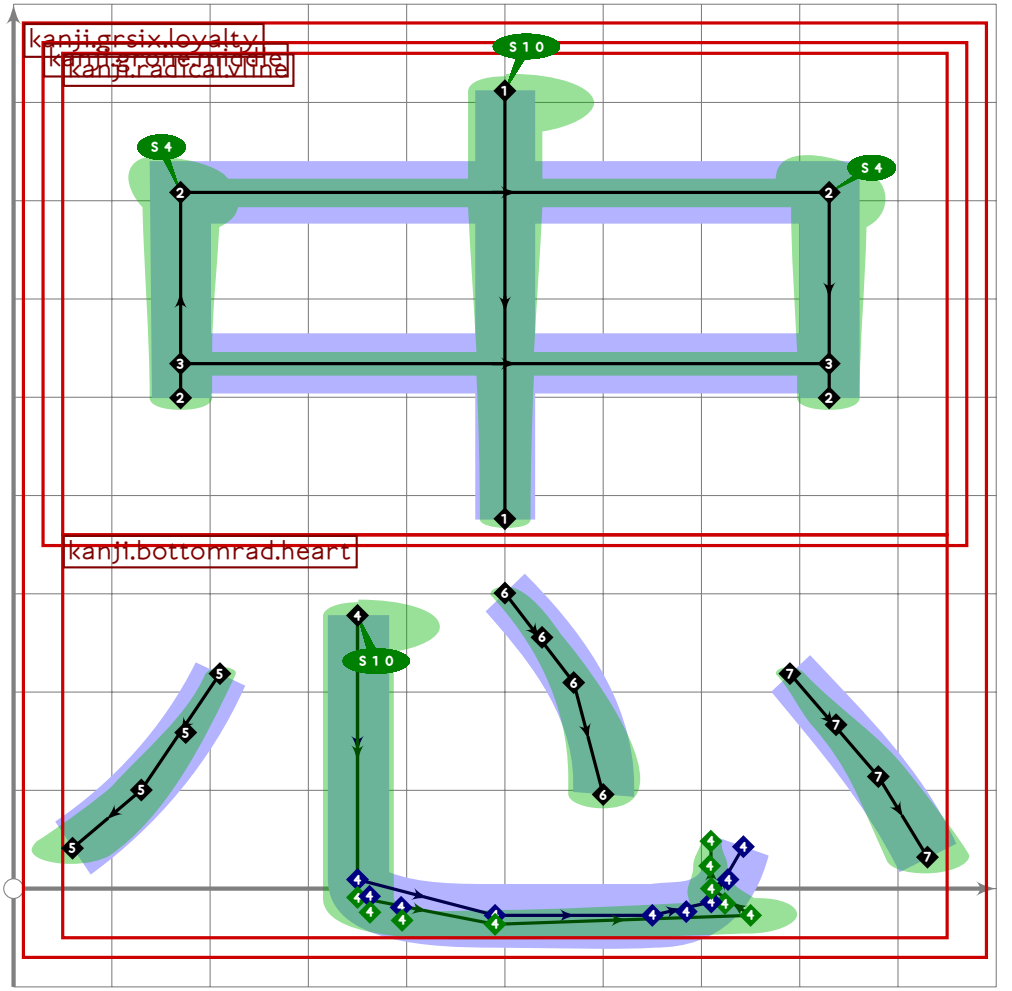



```
195
196 vardef kanji.grsix.busy =
197   push_pbox_toexpand("kanji.grsix.busy");
198   build_kanji.level(build_kanji.lr(340,-30)
199     (kanji.leftrad.heart)
200     (build_kanji.sscale(yscaled 0.98)(kanji.grsix.dead)));
201   expand_pbox;
202 enddef;
```



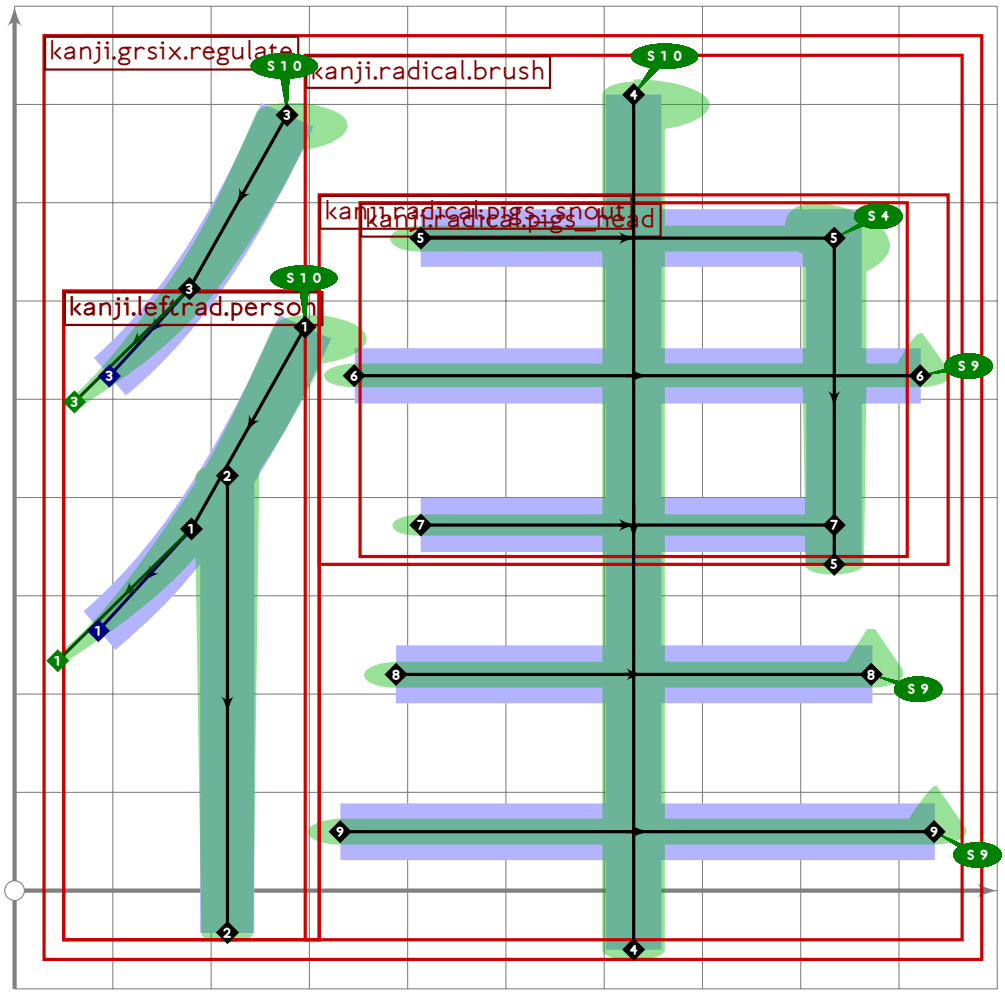

```
203
204 vardef  kanji.grsix.forget  =
205   push_pbox_toexpand("kanji.grsix.forget");
206   build_kanji.level(build_kanji.tb(360,-40)
207     (kanji.grsix.dead)
208     (kanji.bottomrad.heart));
209   expand_pbox;
210 enddef;
```

U+5FE0
tsuku.uni5FE0



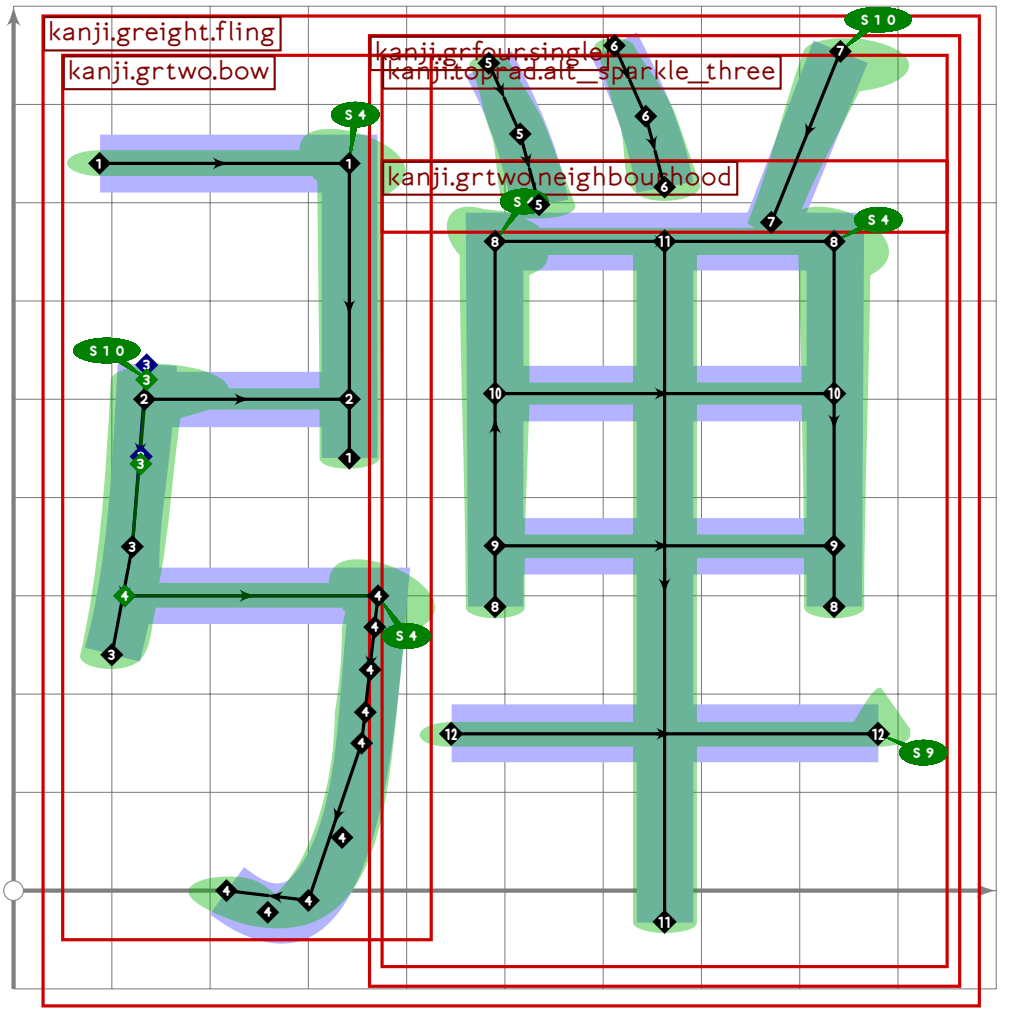
5F

```
211
212 vardef kanji.grsix.loyalty =
213   push_pbox_toexpand("kanji.grsix.loyalty");
214   build_kanji.level(build_kanji.tb(360,0)
215     (kanji.grone.middle)
216     (kanji.bottomrad.heart));
217   expand_pbox;
218 enddef;
```

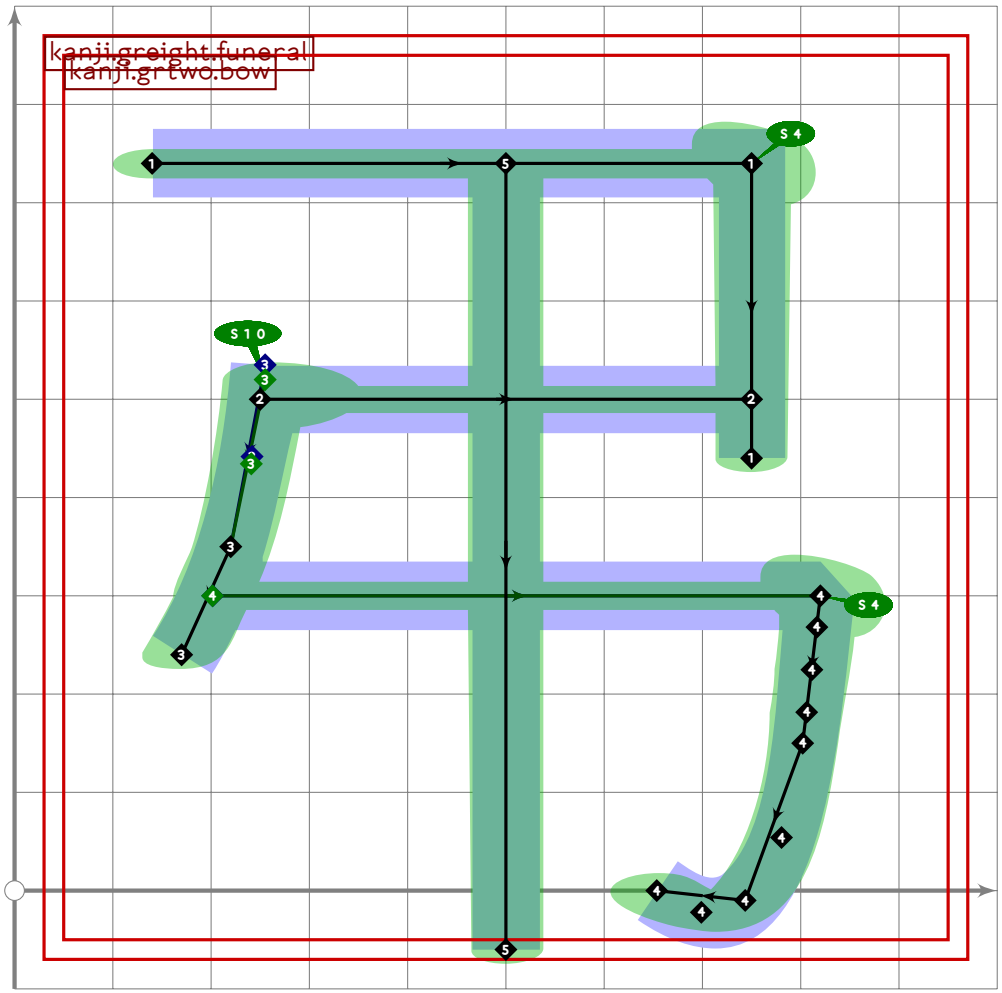



```
vardef  kanji.grsix.regulate =
  push_pbox_toexpand("kanji.grsix.regulate");
  build_kanji.level(build_kanji.lr(310,0)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.radical.brush));
  expand_pbox;
enddef;
```

U+5F3E
tsuku.uni5F3E

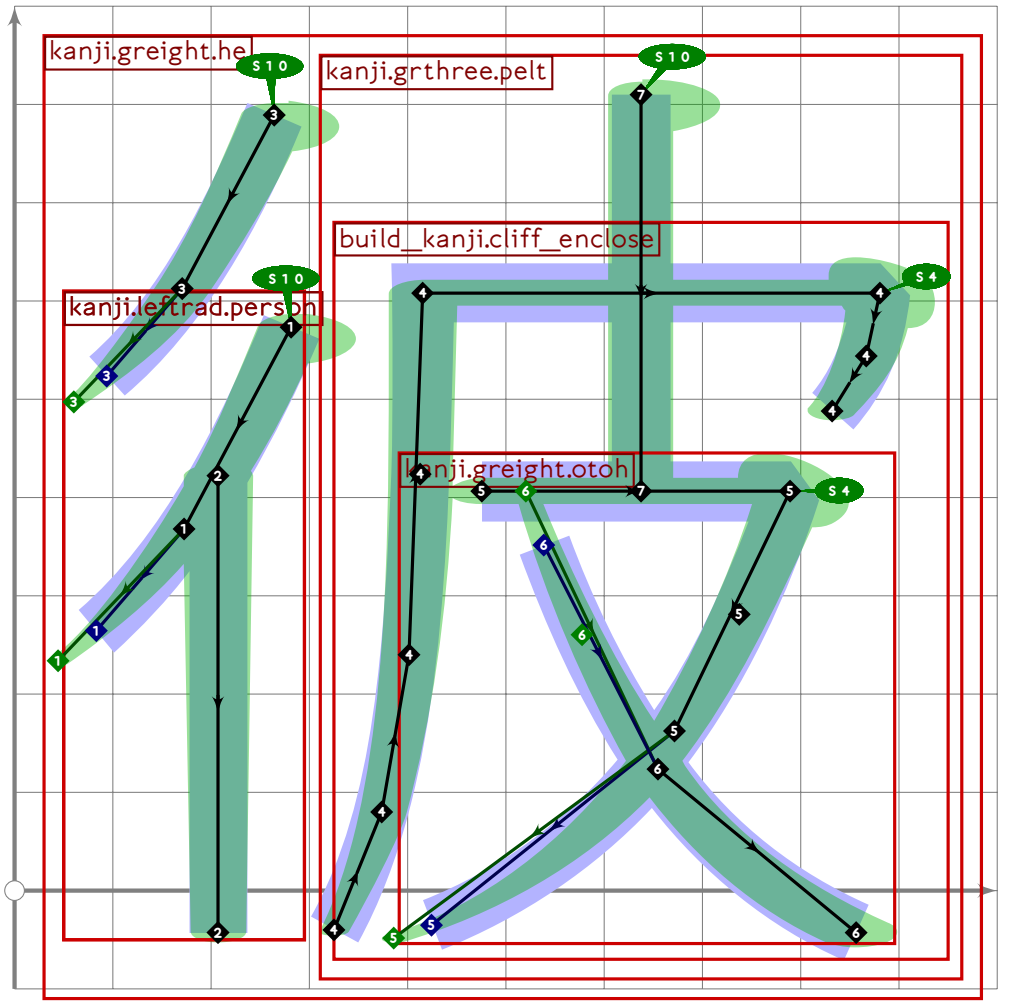



```
229
230 vardef  kanji.greight.fling  =
231    push_pbox_toexpand("kanji.greight.fling");
232    build_kanji.level(build_kanji.lr(400,50)
233       (kanji.grtwo.bow)
234       (kanji.grfour.single));
235    expand_pbox;
236 enddef;
```

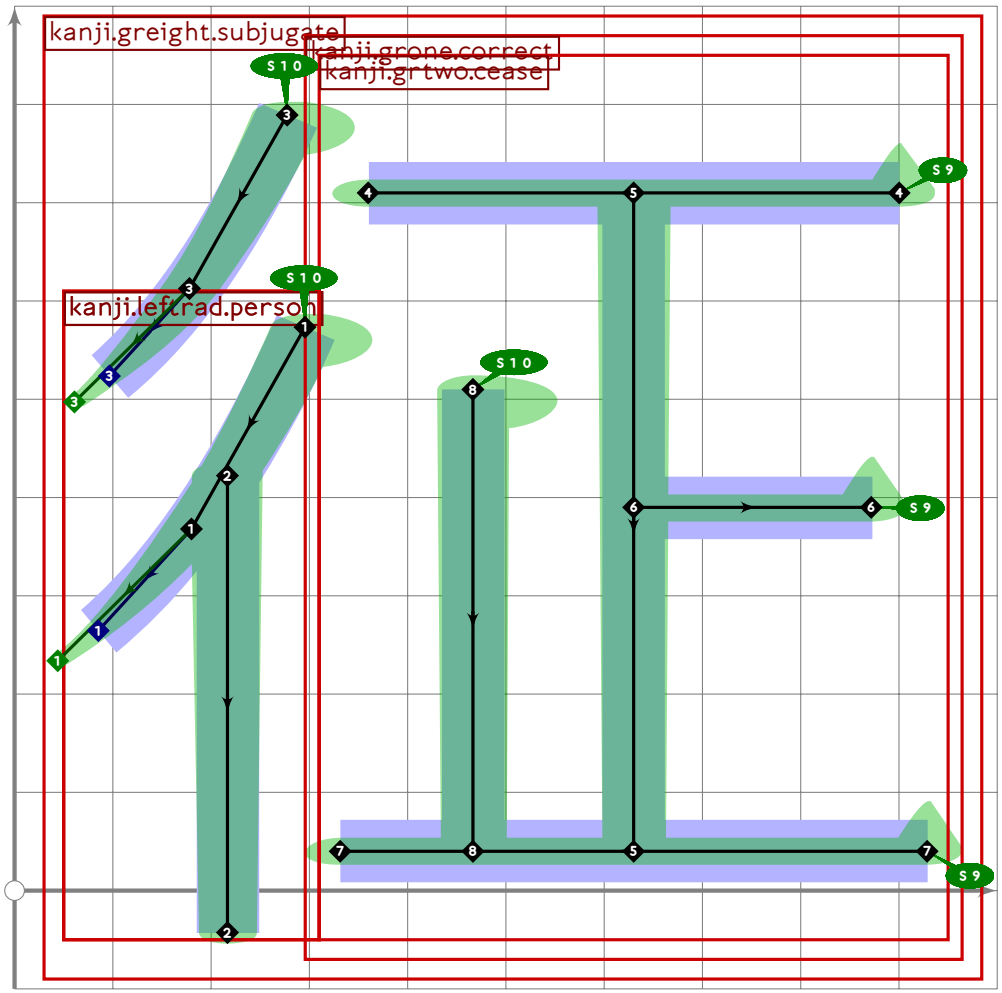



```
237
238 vardef kanji.greight.funeral =
239   push_pbox_toexpand("kanji.greight.funeral");
240   kanji.grtwo.bow;
241   replace_strokep(0)((point 0 of oldp)—
242     ((subpath (1,infinity) of oldp)
243       shifted (-820,0) xscaled 0.45 shifted (820,0)));
244   push_stroke((500,740)—(500,-60),(1.6,1.6)—(1.5,1.5));
245   expand_pbox;
246 enddef;
```

U+5F7C
tsuku.uni5F7C

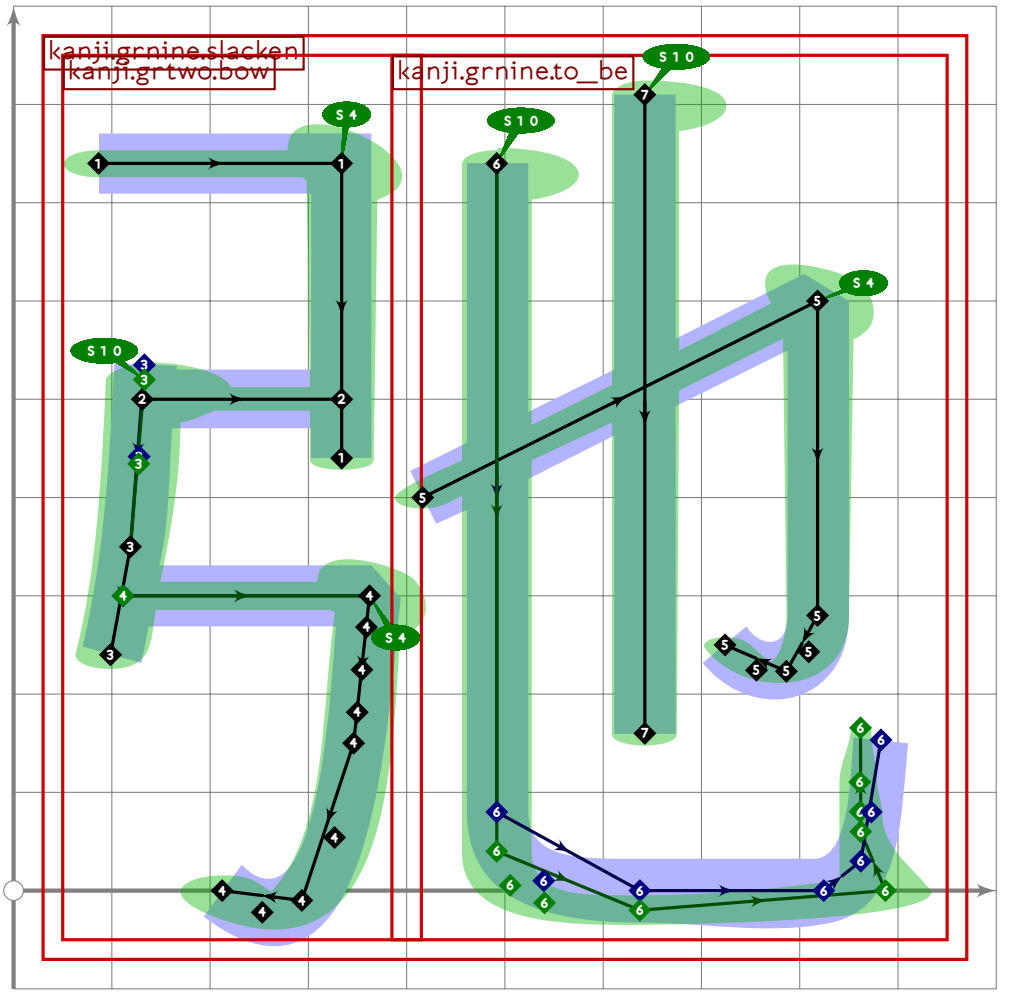



```
247
248 vardef  kanji.greight.he =
249   push__pbox__toexpand("kanji.greight.he");
250   build__kanji.level(build__kanji.lr(310,-30)
251     (build__kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
252     (kanji.grthree.pelt));
253   expand__pbox;
254 enddef;
```

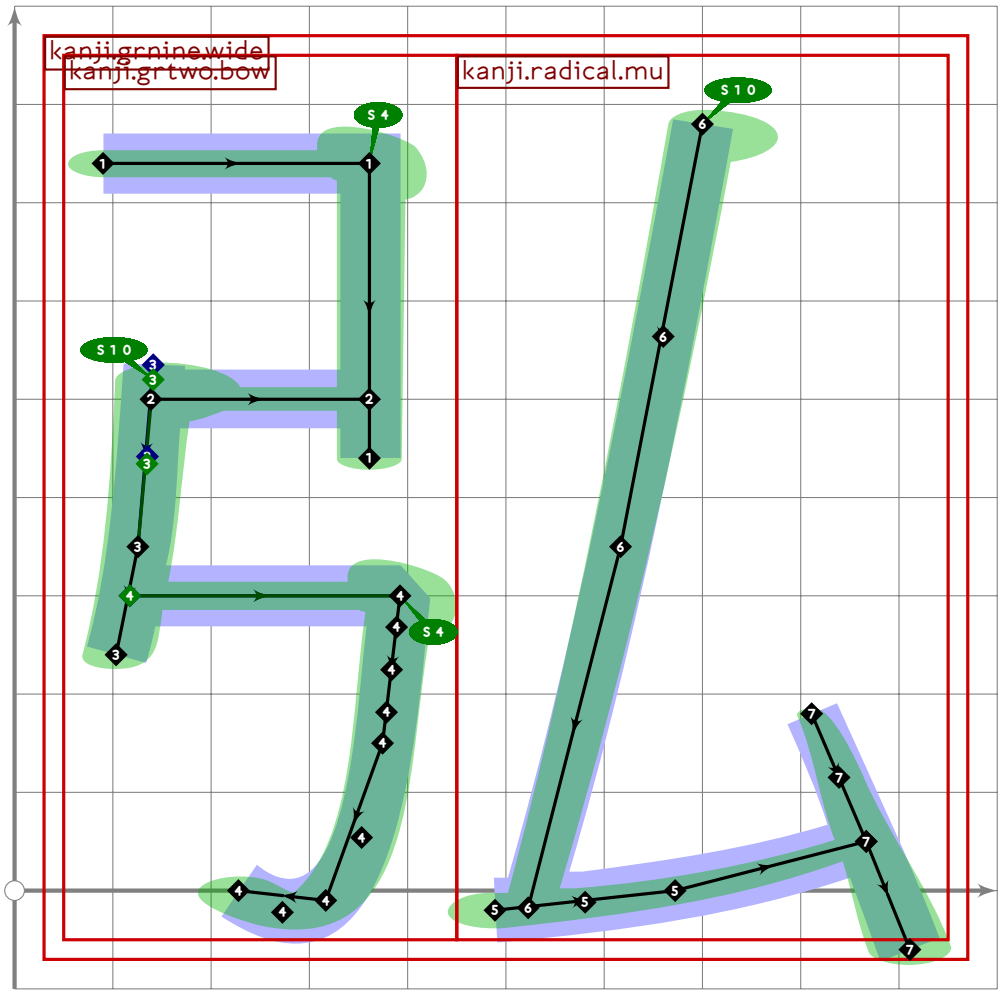



```
255
256 vardef  kanji.greight.subjugate  =
257   push_pbox_toexpand("kanji.greight.subjugate");
258   build_kanji.level(build_kanji.lr(310,0)
259     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
260     (kanji.grone.correct));
261   expand_pbox;
262 enddef;
263
264 ---------------------------------------------------------------
```

U+5F1B
tsuku.uni5F1B




```
265
266 vardef  kanji.grnine.slacken =
267   push_pbox_toexpand("kanji.grnine.slacken");
268   build_kanji.level(build_kanji.lr(400,30)
269     (kanji.grtwo.bow)
270     (kanji.grnine.to_be));
271   expand_pbox;
272 enddef;
```




```
273
274 vardef kanji.grnine.wide =
275   push_pbox_toexpand("kanji.grnine.wide");
276   build_kanji.level(build_kanji.lr(450,0)
277     (kanji.grtwo.bow)
278     (kanji.radical.mu));
279   expand_pbox;
280 enddef;
281
282 ---------------------------------------------------------------------
283
284 % "topped aitch radical"
285 begintsuglyph("uni5F00",0);                                  [see page 857]
286   kanji.radical.topped_aitch;
287   tsu_render;
288 endtsuglyph;
289
290 % ben/kanmuri multiple meanings including "eloquence"
291 begintsuglyph("uni5F01",1);                                  [see page 2306]
292   kanji.grfive.eloquence;
293   tsu_render;
```

```
endtsuglyph;

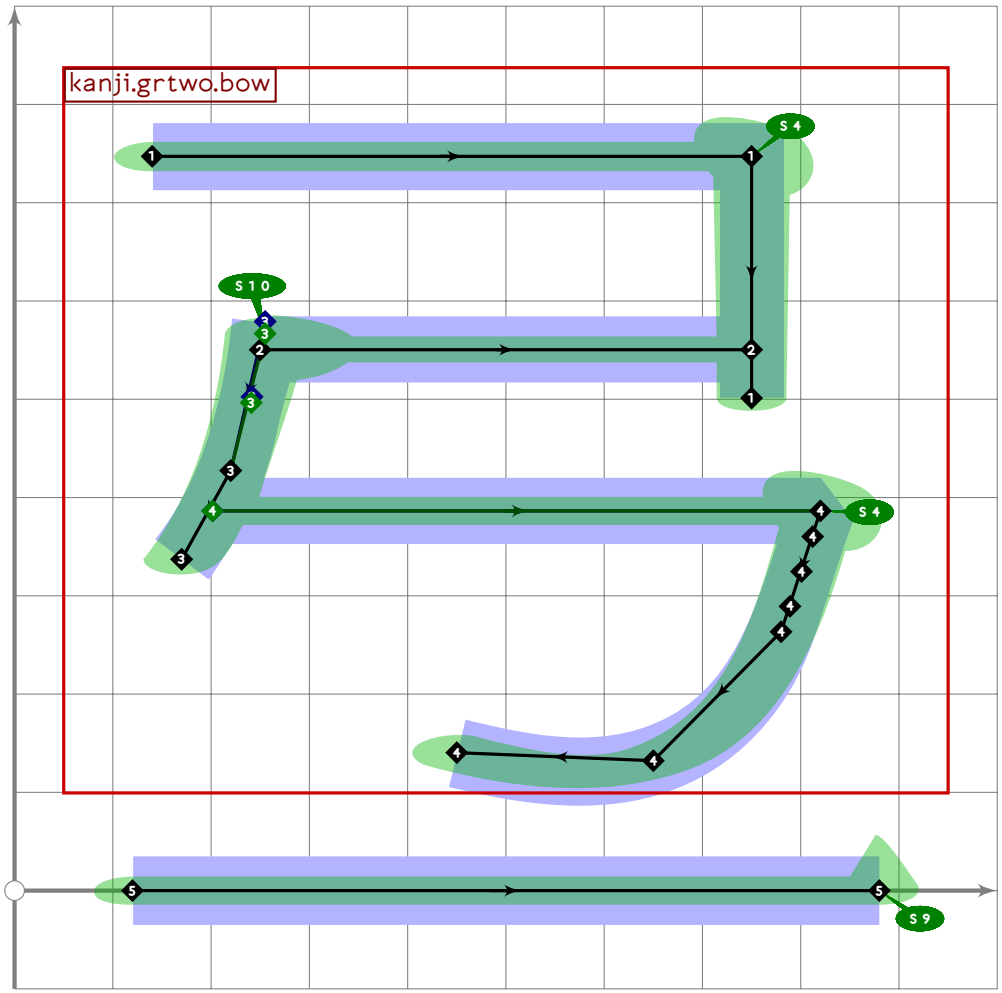
% yoku/iguromi "ceremony radical"
begintsuglyph("uni5F0B",11);                                    [see page 829]
  kanji.radical.ceremony;
  tsu_render;
endtsuglyph;

% shiki/nori "formula"
begintsuglyph("uni5F0F",15);                                    [see page 623]
  kanji.grthree.formula;
  tsu_render;
endtsuglyph;

% kyuu/yumi "bow" (projectile weapon)
begintsuglyph("uni5F13",19);                                    [see page 496]
  kanji.grtwo.bow;
  tsu_render;
endtsuglyph;

% chou/tomura "funeral"
begintsuglyph("uni5F14",20);                                    [see page 2317]
  kanji.greight.funeral;
  tsu_render;
endtsuglyph;

% in/hi "pull"
begintsuglyph("uni5F15",21);                                    [see page 559]
  kanji.grtwo.pull;
  tsu_render;
endtsuglyph;
```




```
% te "phoneme only"
begintsuglyph("uni5F16",22);
  tsu_xform(identity shifted (0,-780) yscaled 0.82 shifted (0,780))
    (kanji.grtwo.bow);
  push_stroke((120,0)--(880,0),(1.6,1.6)--(1.6,1.6));
  set_boserif(0,1,9);
  tsu_render;
endtsuglyph;

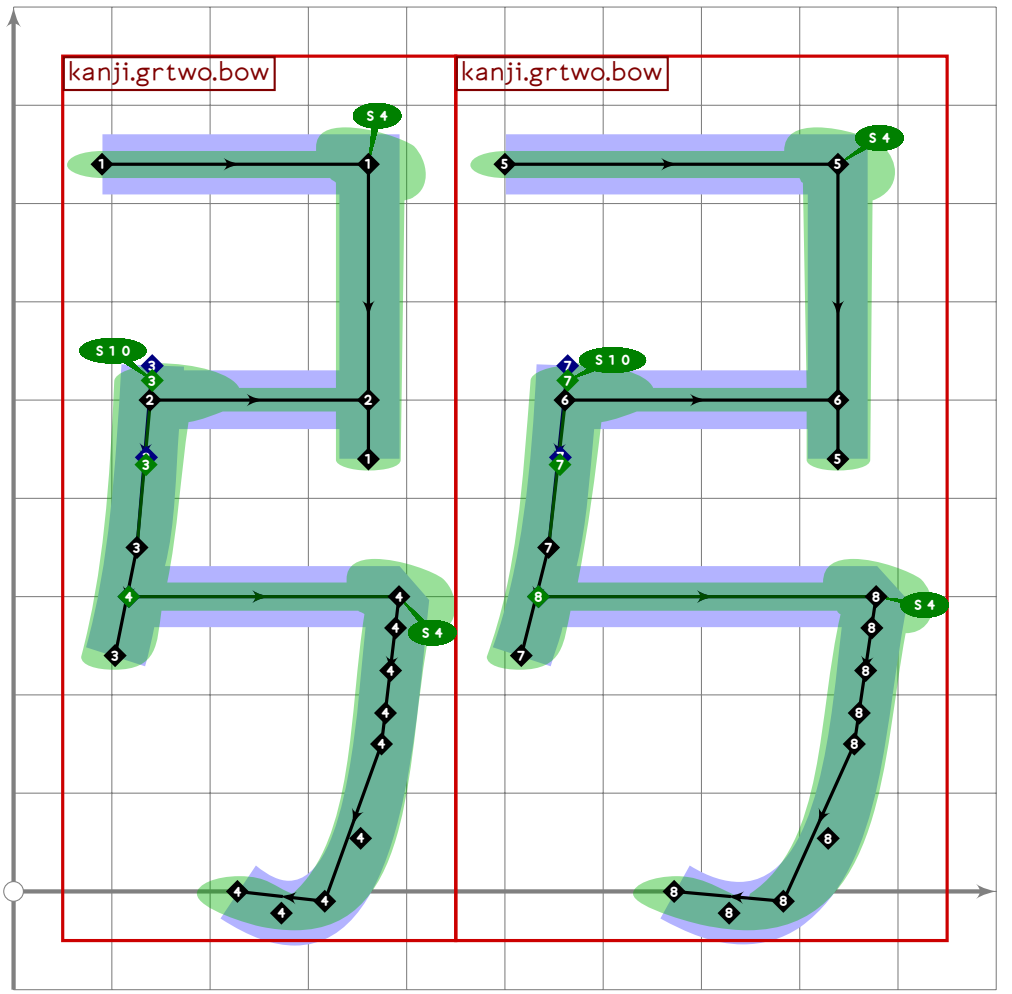
% futsu/doru "dollar"
begintsuglyph("uni5F17",23);                                [see page 1009]
  kanji.rare.dollar;
  tsu_render;
endtsuglyph;

% kou/hiro "wide" (used in names)
begintsuglyph("uni5F18",24);                                [see page 2321]
  kanji.grnine.wide;
  tsu_render;
endtsuglyph;

```

```
% chi/taru "slacken"
begintsuglyph("uni5F1B",27);                                    [see page 2320]
  kanji.grnine.slacken;
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni5F1C",28);
  build_kanji.level(build_kanji.lr(450,0)
    (kanji.grtwo.bow)
    (kanji.grtwo.bow));
  tsu_render;
endtsuglyph;

% twi/otouto "little brother"
begintsuglyph("uni5F1F",31);                                    [see page 537]
  kanji.grtwo.little_brother;
  tsu_render;
endtsuglyph;

% jyaku/yowa "weak"
```

```
begintsuglyph("uni5F31",49);                                    [see page 583]
  kanji.grtwo.weak;
  tsu_render;
endtsuglyph;

% chou/ha "stretch"
begintsuglyph("uni5F35",53);                                    [see page 2310]
  kanji.grfive.stretch;
  tsu_render;
endtsuglyph;

% kyou/tsuyo "strong"
begintsuglyph("uni5F37",55);                                    [see page 573]
  kanji.grtwo.strong;
  tsu_render;
endtsuglyph;

% dan/hi multiple meanings including "fling" and "strum"
begintsuglyph("uni5F3E",62);                                    [see page 2316]
  kanji.greight.fling;
  tsu_render;
endtsuglyph;

% needed for lots of other things, rare by itself
begintsuglyph("uni5F50",80);                                    [see page 850]
  kanji.radical.pigs_tail;
  tsu_render;
endtsuglyph;

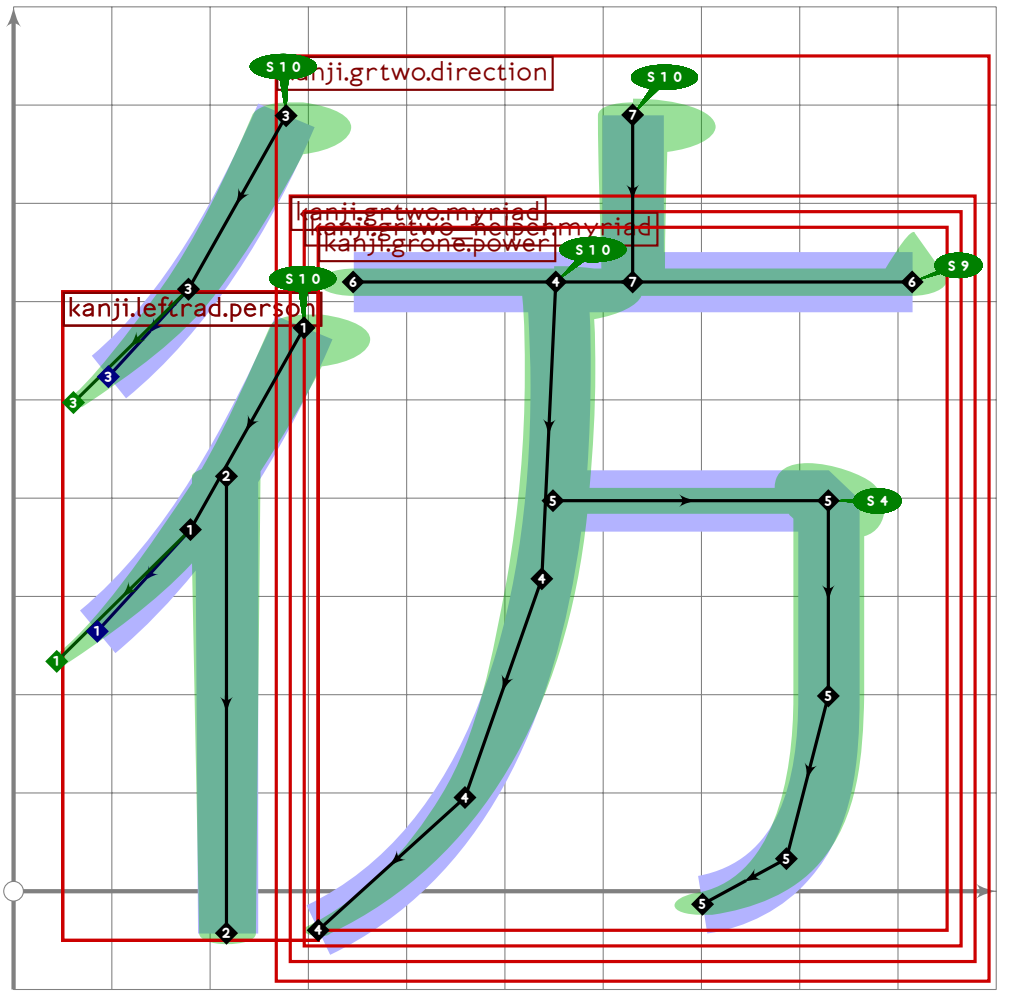
% tou/a(tari) "hit"
begintsuglyph("uni5F53",83);                                    [see page 527]
  kanji.grtwo.hit;
  tsu_render;
endtsuglyph;

% san "short hair radical"
begintsuglyph("uni5F61",97);                                    [see page 869]
  kanji.rightrad.short_hair;
  tsu_render;
endtsuglyph;

% kei/kata "form"
begintsuglyph("uni5F62",98);                                    [see page 2299]
  kanji.grtwo.form;
  tsu_render;
endtsuglyph;

% gen/hiko "boy"
```

```
begintsuglyph("uni5F66",102);                                    [see page 949]
  kanji.grnine.boy;
  tsu_render;
endtsuglyph;
```




```
% extra:  hou/samayo "loiter"
begintsuglyph("uni5F77",119);
  build_kanji.level(build_kanji.lr(310,0)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.grtwo.direction));
  tsu_render;
endtsuglyph;

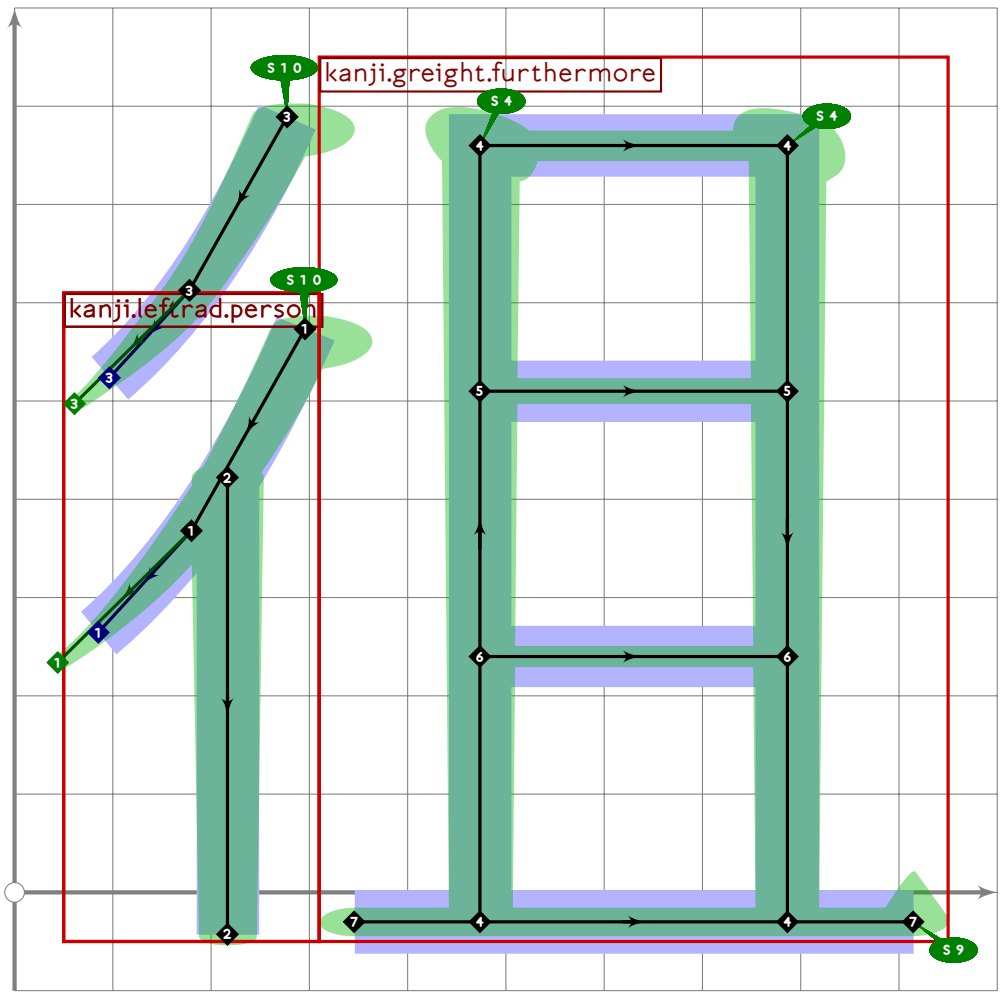
% yaku "duty"
begintsuglyph("uni5F79",121);                                    [see page 2300]
  kanji.grthree.duty;
  tsu_render;
endtsuglyph;

% hi/kare "he"
begintsuglyph("uni5F7C",124);                                    [see page 2318]
```

```
  kanji.greight.he;
  tsu_render;
endtsuglyph;

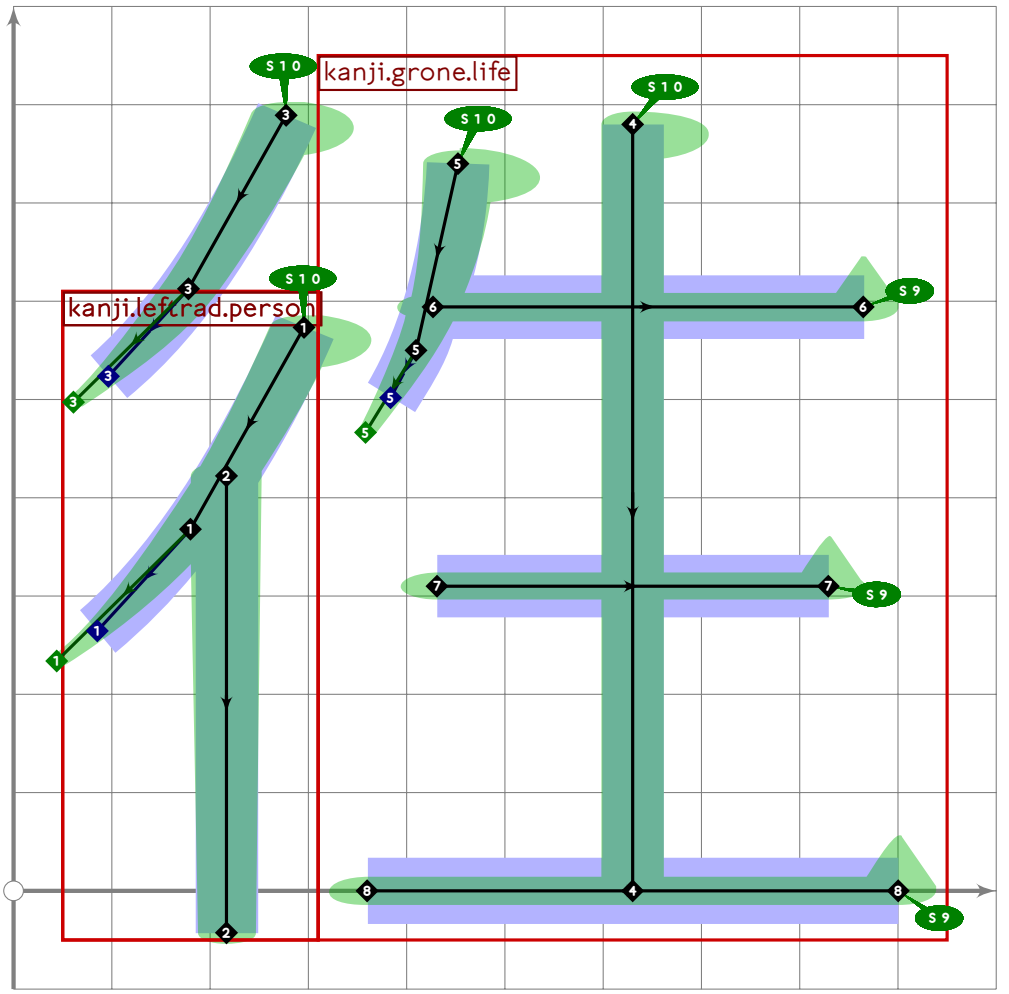
% ou/i "journey"
begintsuglyph("uni5F80",128);                                    [see page 2307]
  kanji.grfive.journey;
  tsu_render;
endtsuglyph;

% sei "subjugate"
begintsuglyph("uni5F81",129);                                    [see page 2319]
  kanji.greight.subjugate;
  tsu_render;
endtsuglyph;
```




```
% extra:  ou/i "journey"
begintsuglyph("uni5F82",130);
  build_kanji.level(build_kanji.lr(310,0)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.greight.furthermore));
```

```
    tsu_render;
endtsuglyph;
```




```
% extra: ou/i "journey"
begintsuglyph("uni5F83",131);
    build_kanji.level(build_kanji.lr(310,0)
        (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
        (kanji.grone.life));
    tsu_render;
endtsuglyph;

% kei/machi "diameter"
begintsuglyph("uni5F84",132);
    kanji.grfour.diameter;
    tsu_render;
endtsuglyph;

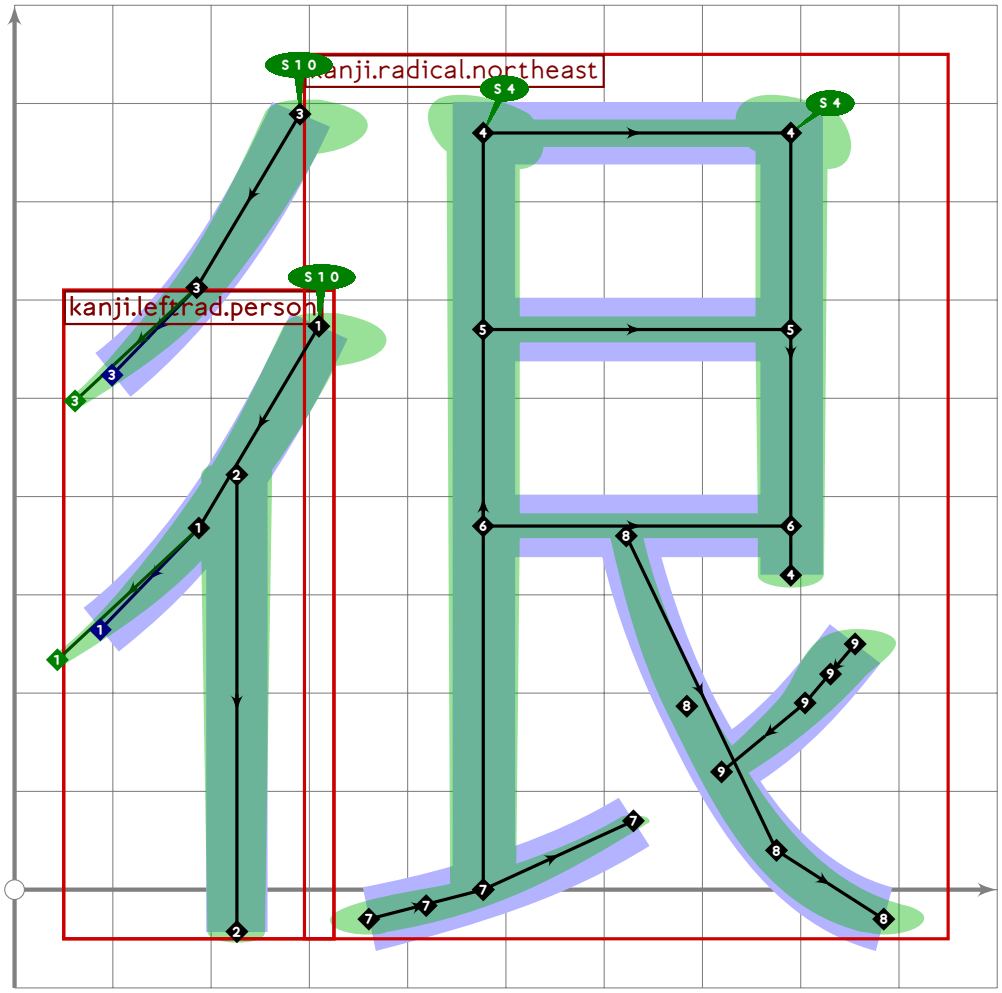
% tai/matsu "wait"
begintsuglyph("uni5F85",133);
    kanji.grthree.wait;
    tsu_render;
```

[see page 2302]

[see page 2301]

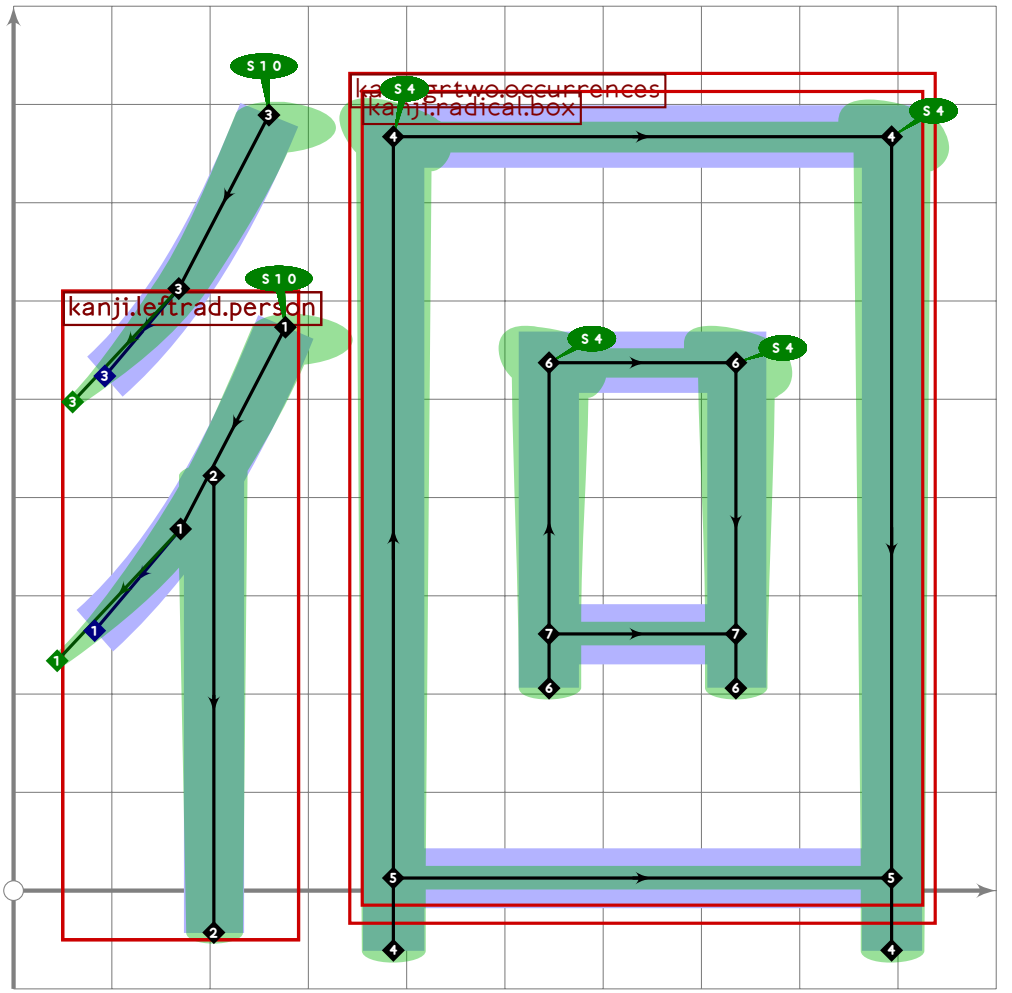
```
endtsuglyph;

```




```
% extra:  kon/mopto "disobey"
begintsuglyph("uni5F88",136);
  build_kanji.level(build_kanji.lr(310,30)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.radical.northeast));
  tsu_render;
endtsuglyph;

```




```
% extra:  kai/samayo "wandering"
begintsuglyph("uni5F8A",138);
  build_kanji.level(build_kanji.lr(310,-40)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (build_kanji.sscale(scaled  0.92)(kanji.grtwo.occurrences)));
  tsu_render;
endtsuglyph;

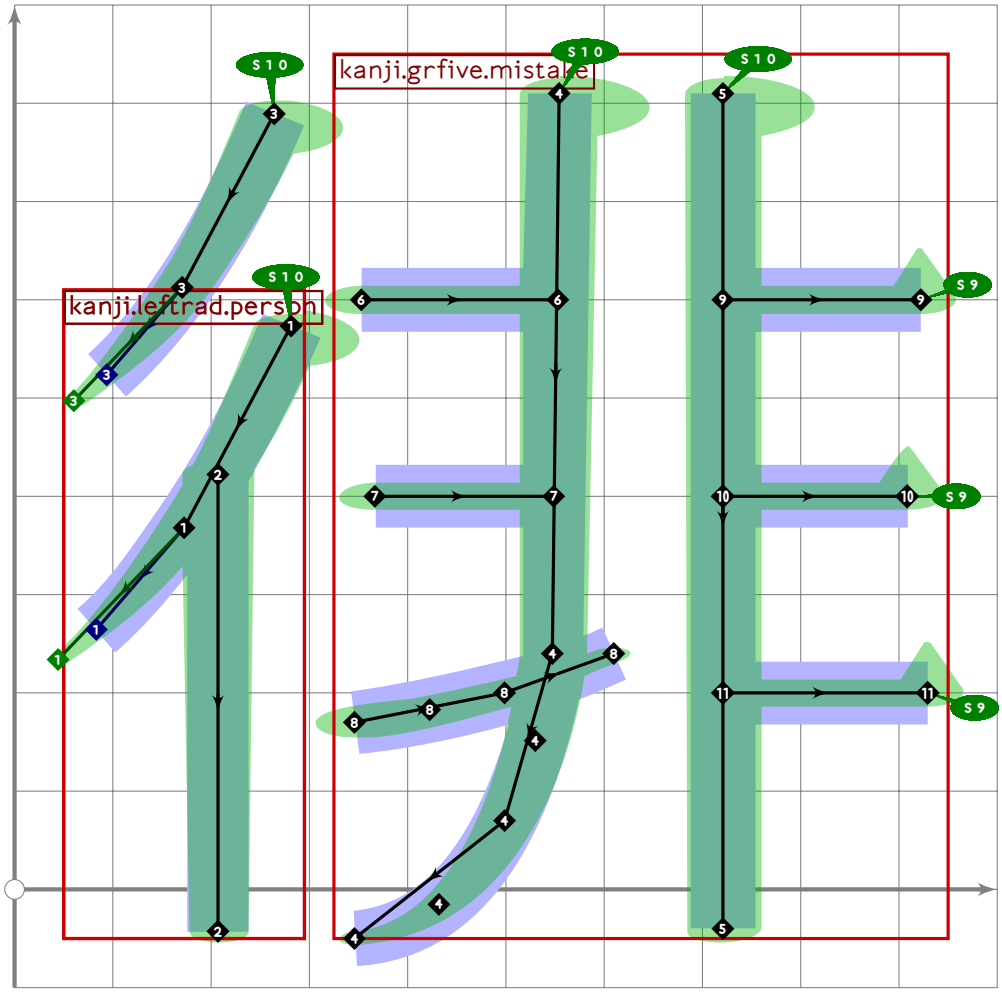
% ritsu/takashi regulate
begintsuglyph("uni5F8B",139);                                  [see page 2315]
  kanji.grsix.regulate;
  tsu_render;
endtsuglyph;

% go/shiri "behind"
begintsuglyph("uni5F8C",140);                                  [see page 2298]
  kanji.grtwo.behind;
  tsu_render;
endtsuglyph;

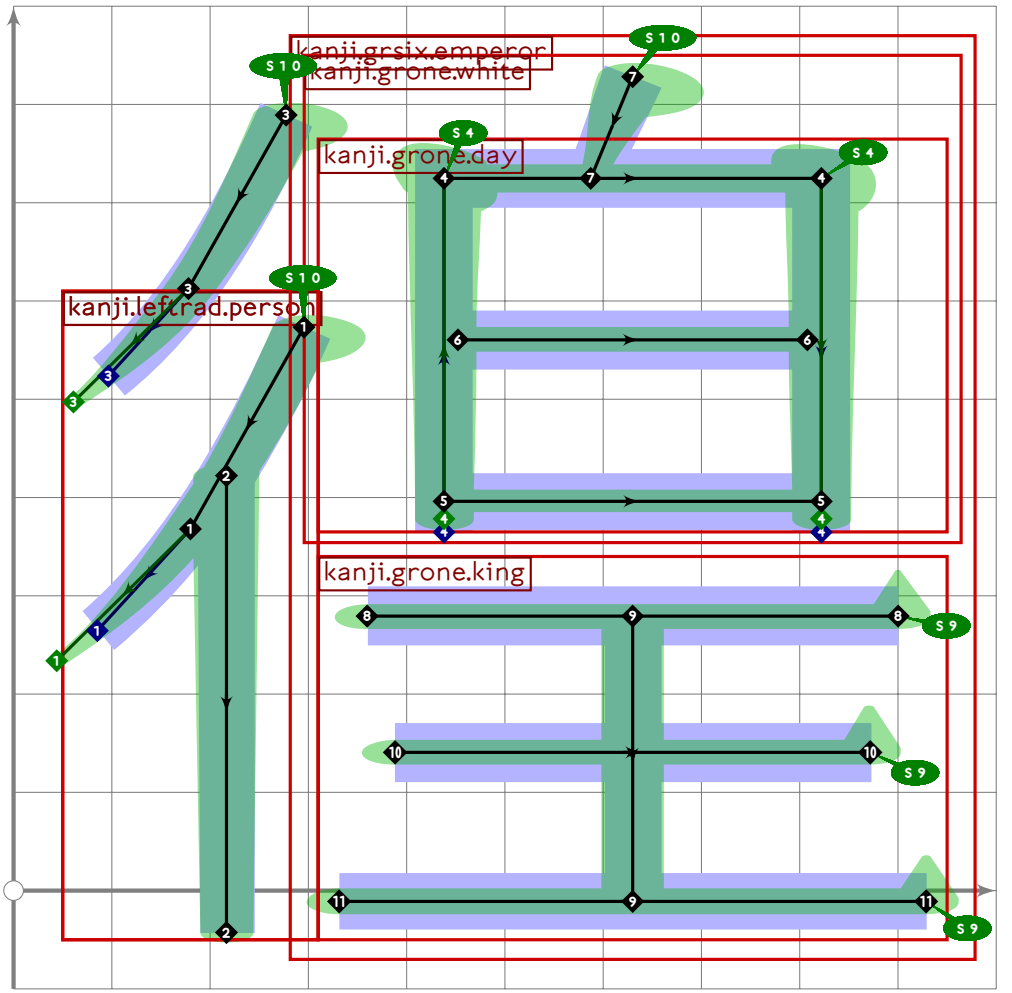
% to/itazura "pedestrian"
```

```
begintsuglyph("uni5F92",146);                                    [see page 2303]
  kanji.grfour.pedestrian;
  tsu_render;
endtsuglyph;

% taku/e "profit"
begintsuglyph("uni5F97",151);                                    [see page 2304]
  kanji.grfour.profit;
  tsu_render;
endtsuglyph;
```




```
% extra "wander"
begintsuglyph("uni5F98",152);
  build_kanji.level(build_kanji.lr(310,-30)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.grfive.mistake));
  tsu_render;
endtsuglyph;
```




```
% extra:  kou/samayo "wandering"
begintsuglyph("uni5FA8",168);
  build_kanji.level(build_kanji.lr(310,0)
    (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
    (kanji.grsix.emperor));
  tsu_render;
endtsuglyph;

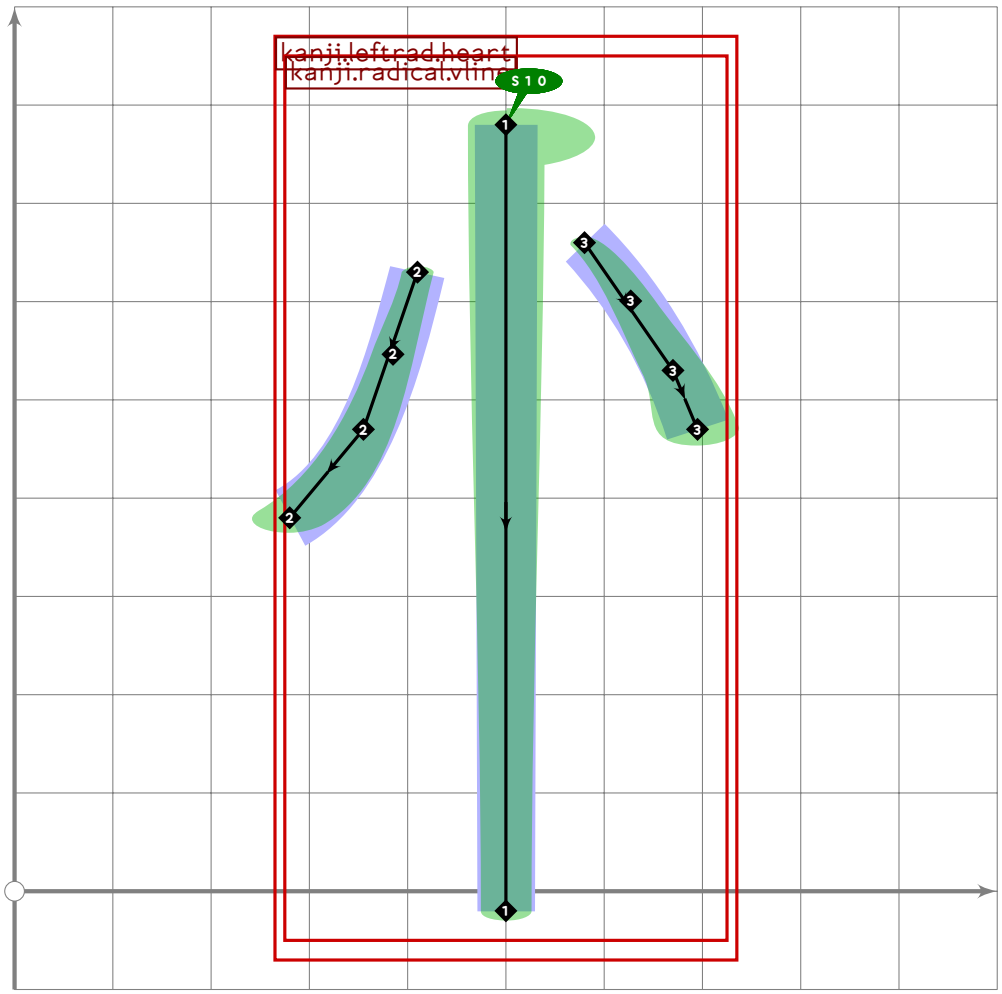
% fuku/mata "restore"
begintsuglyph("uni5FA9",169);                                  [see page 2309]
  kanji.grfive.restore;
  tsu_render;
endtsuglyph;

% toku/atsu "virtue" ("Toku" of "Tokugawa")
begintsuglyph("uni5FB3",179);                                  [see page 2311]
  kanji.grfive.virtue;
  tsu_render;
endtsuglyph;

% shin/kokoro "heart"
```

```
begintsuglyph("uni5FC3",195);                                    [see page 525]
  kanji.grtwo.heart;
  tsu_render;
endtsuglyph;

```

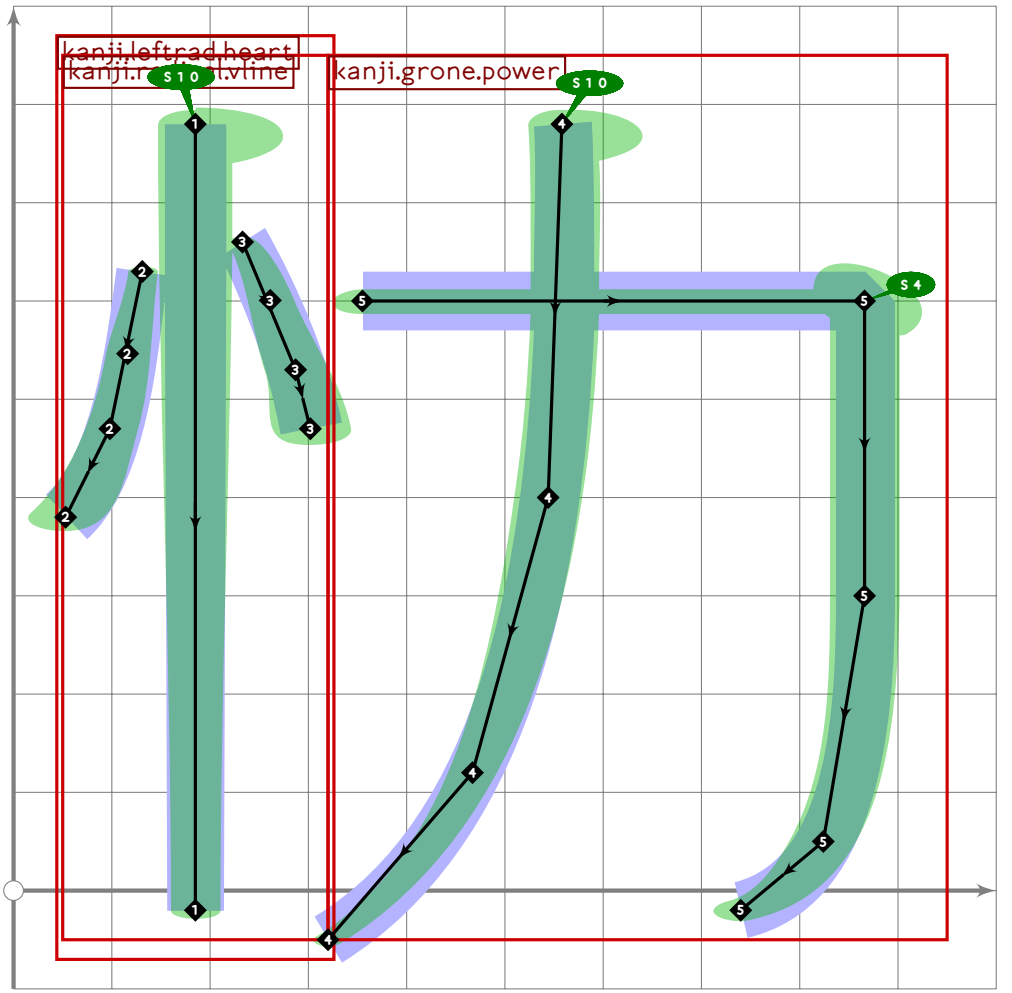



```
% left radical version
begintsuglyph("uni5FC4",196);
  build_kanji.sscale(xscaled 0.5)(kanji.leftrad.heart);
  tsu_render;
endtsuglyph;

% hitsu/nagara "inevitable"
begintsuglyph("uni5FC5",197);                                    [see page 710]
  kanji.grfour.inevitable;
  tsu_render;
endtsuglyph;

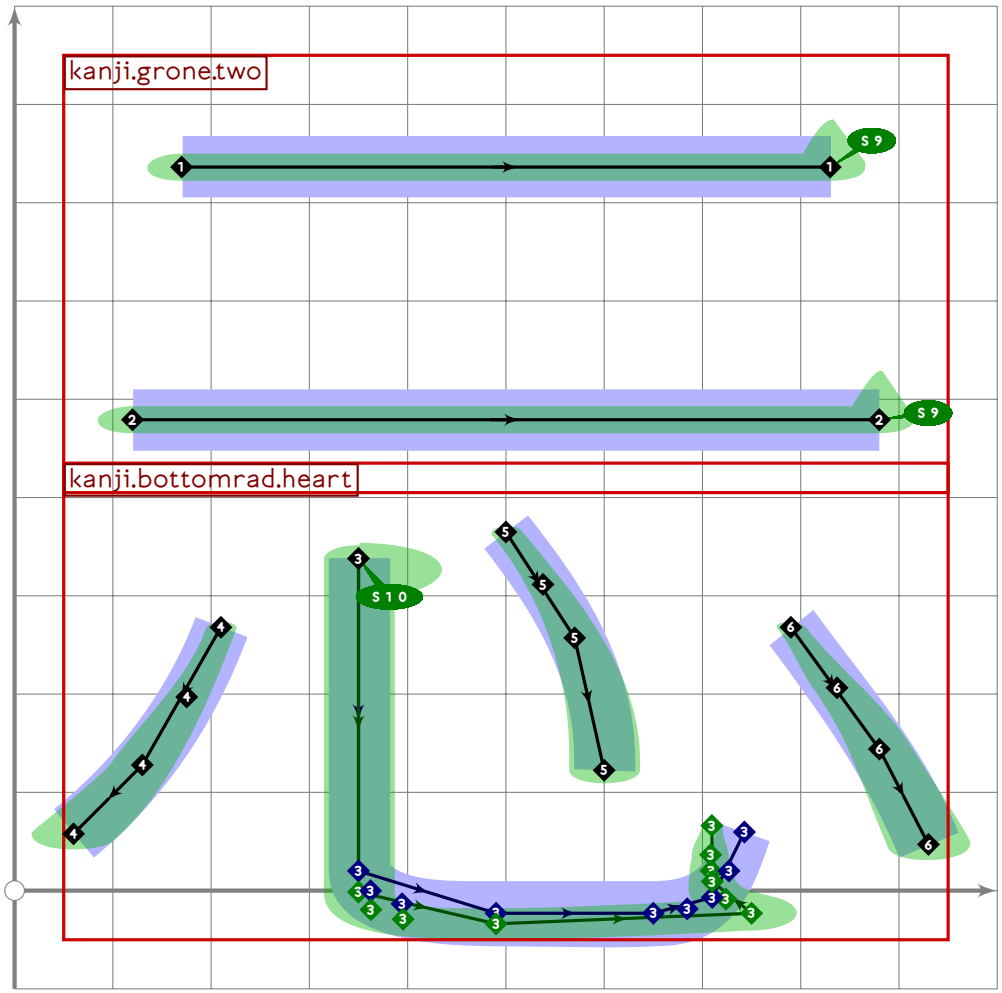
```

U+5FC7
tsuku.uni5FC7




```
% extra "great achievement"
begintsuglyph("uni5FC7",199);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.power));
  tsu_render;
endtsuglyph;

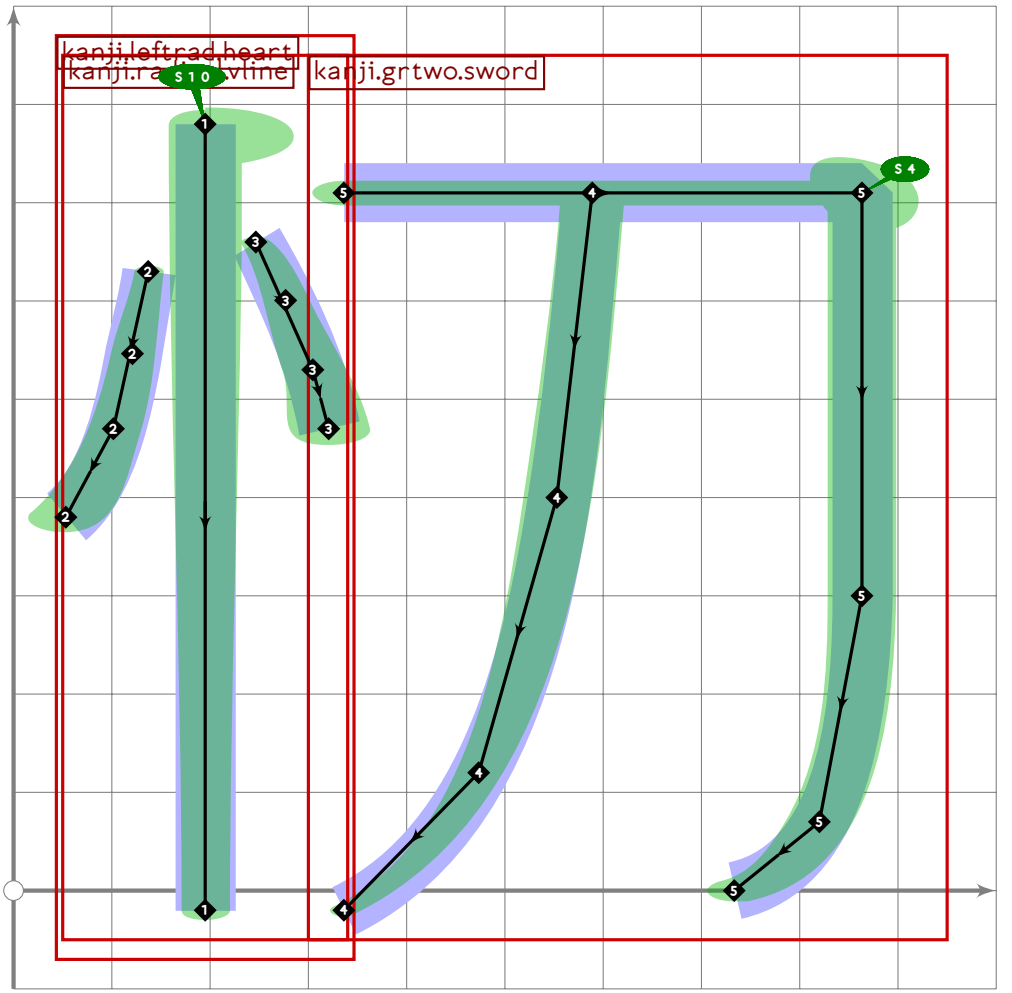
```




```
% extra
begintsuglyph("uni5FC8",200);
  build_kanji.level(build_kanji.tb(420,30)
    (kanji.grone.two)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

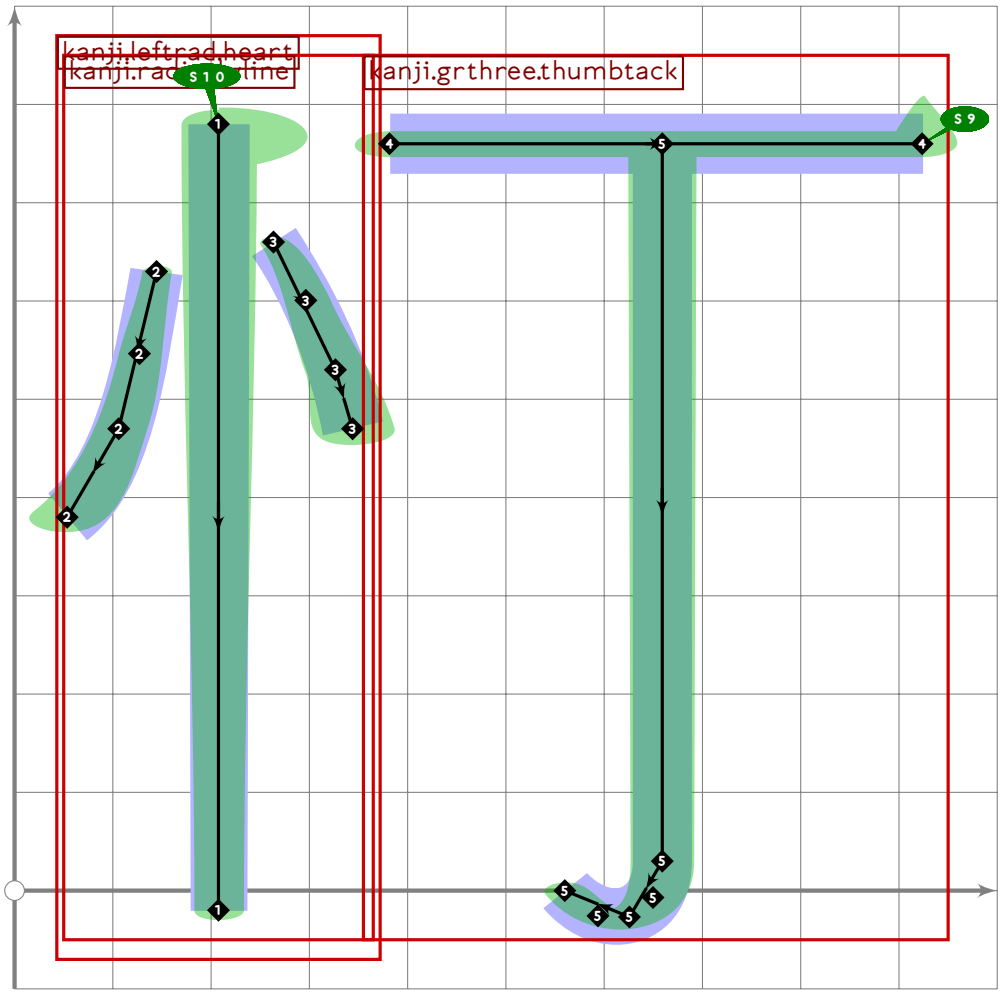
```

U+5FC9
tsuku.uni5FC9




```
% extra
begintsuglyph("uni5FC9",201);
  build_kanji.level(build_kanji.lr(320,40)
    (kanji.leftrad.heart)
    (kanji.grtwo.sword));
  tsu_render;
endtsuglyph;

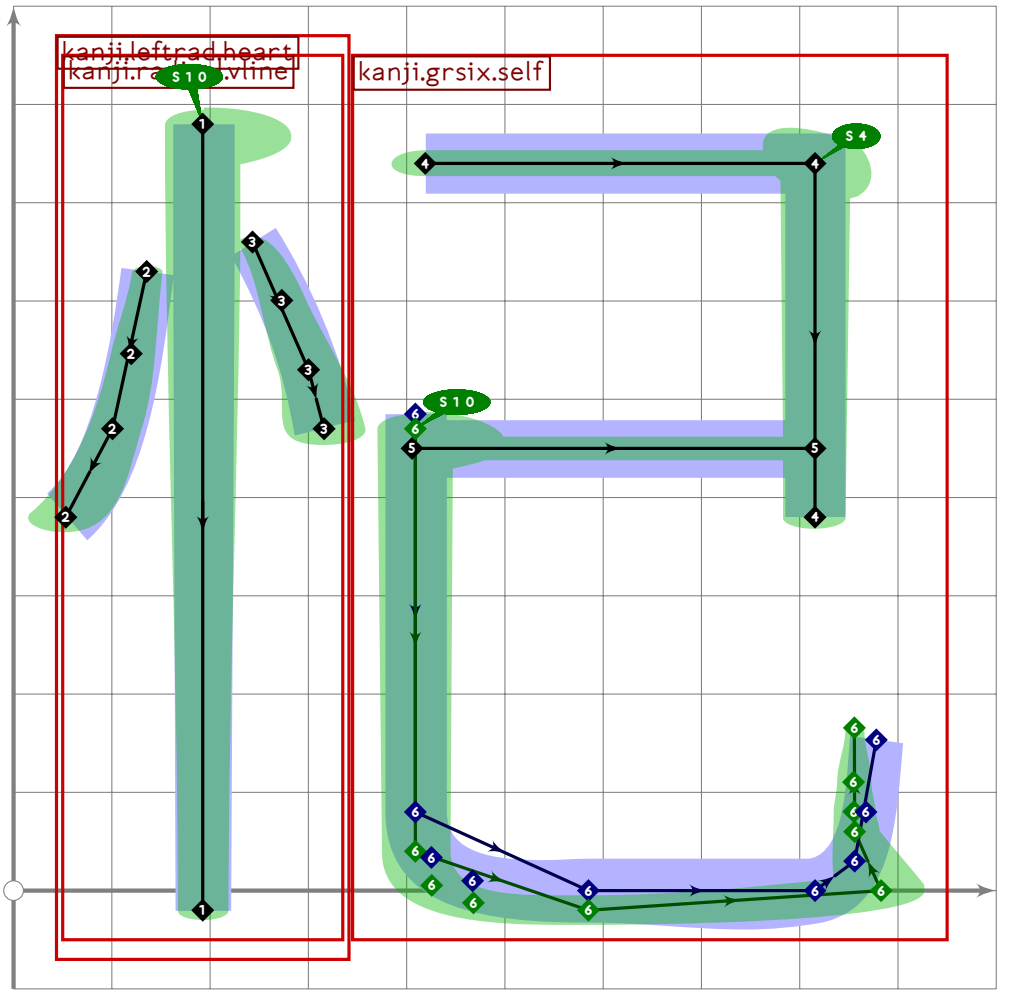
```




```
% extra
begintsuglyph("uni5FCA",202);
  build_kanji.level(build_kanji.lr(360,10)
    (kanji.leftrad.heart)
    (kanji.grthree.thumbtack));
  tsu_render;
endtsuglyph;

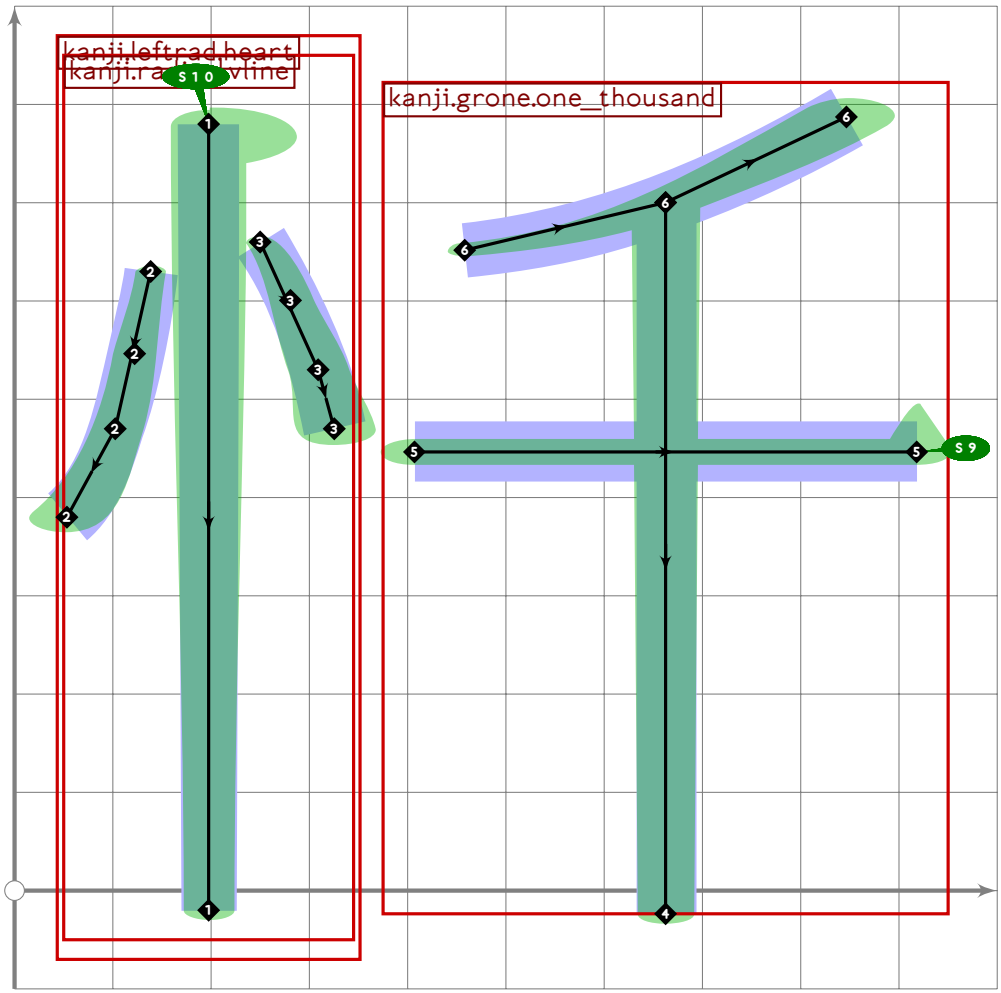
```

U+5FCB
tsuku.uni5FCB



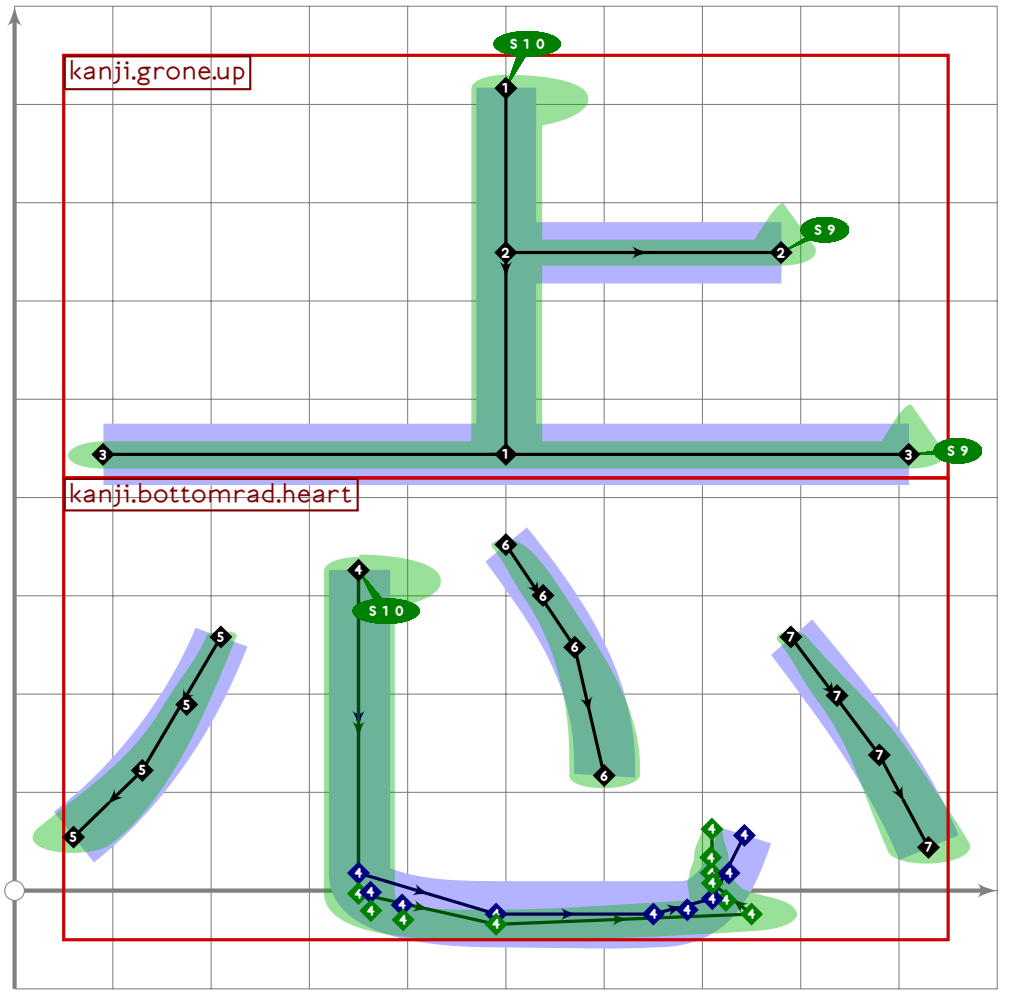

```
% kai/tanomu "rely upon"
begintsuglyph("uni5FCB",203);
  build_kanji.level(build_kanji.lr(340,-10)
    (kanji.leftrad.heart)
    (kanji.grsix.self));
  tsu_render;
endtsuglyph;

```



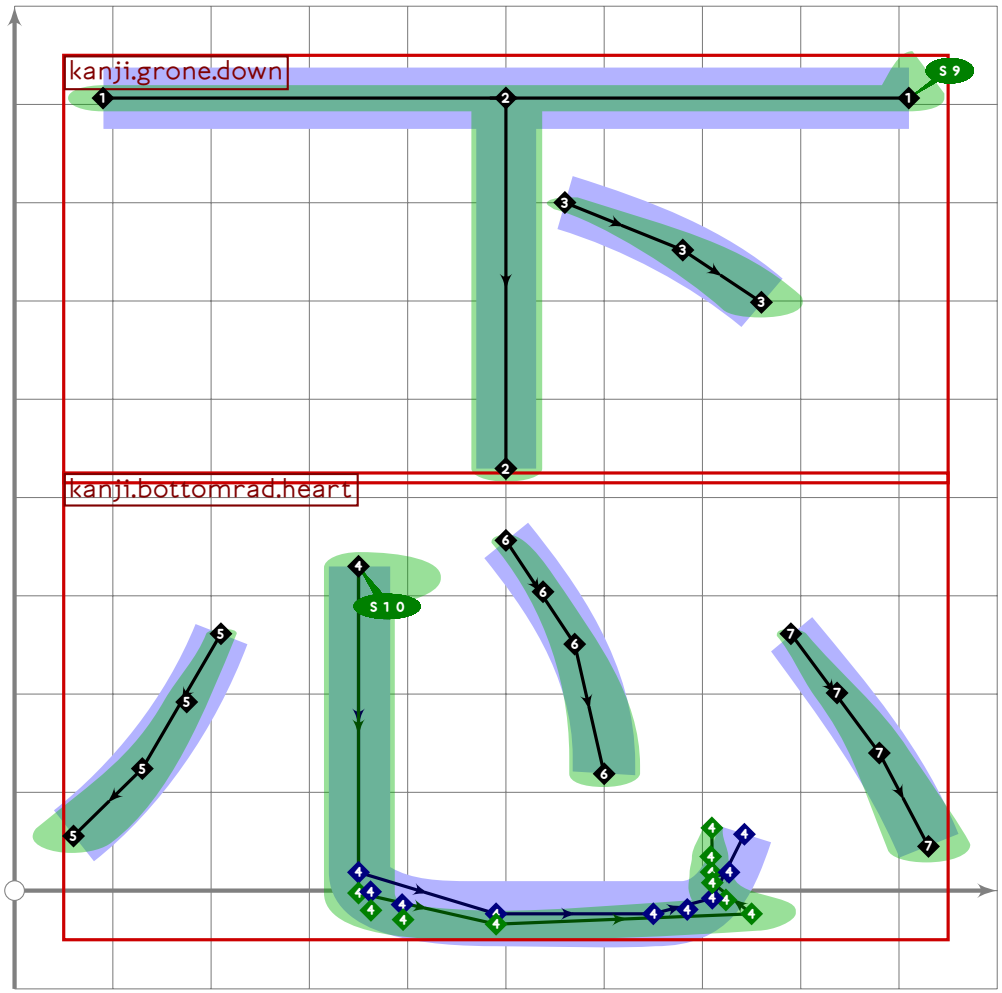

```
% extra
begintsuglyph("uni5FCF",207);
  build_kanji.level(build_kanji.lr(360,-30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled  0.94)(kanji.grone.one_thousand)));
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni5FD0",208);
  build_kanji.level(build_kanji.tb(420,0)
    (kanji.grone.up)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

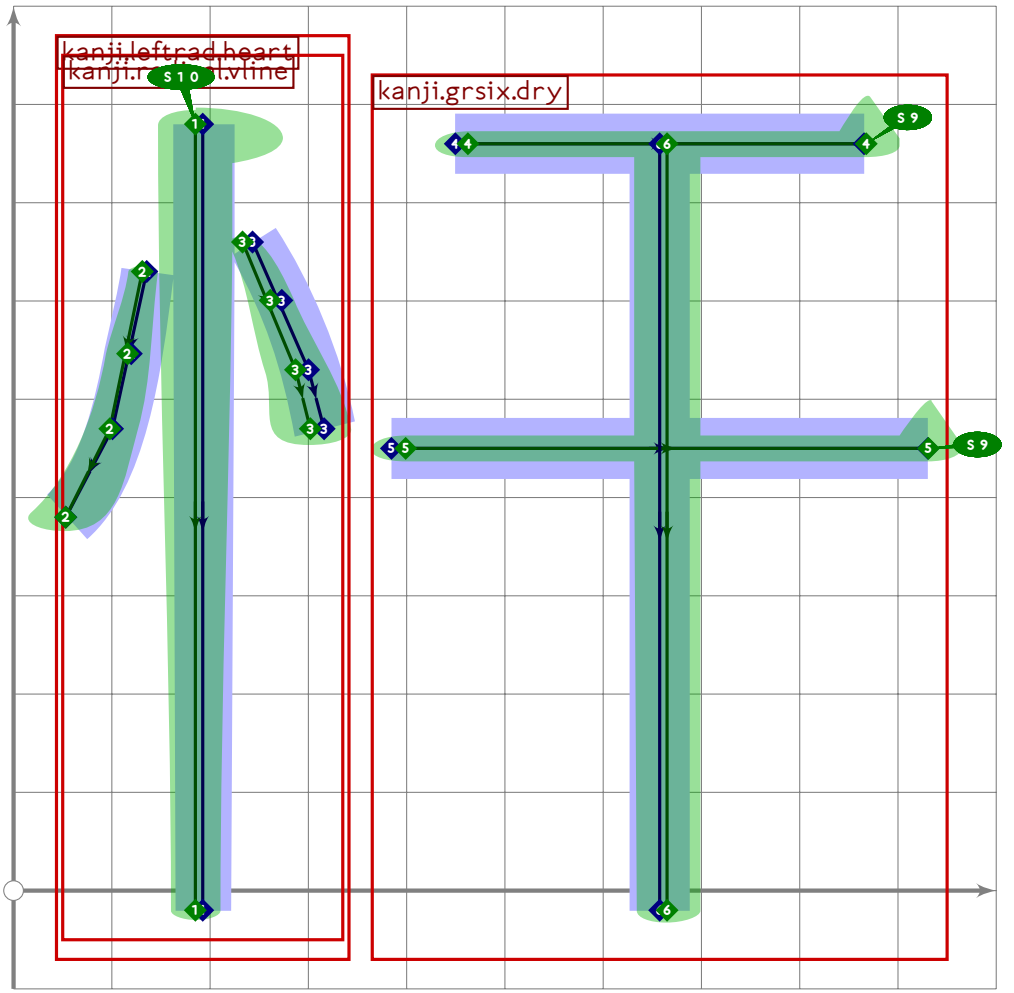
```




```
% extra
begintsuglyph("uni5FD1",209);
  build_kanji.level(build_kanji.tb(420,10)
    (kanji.grone.down)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

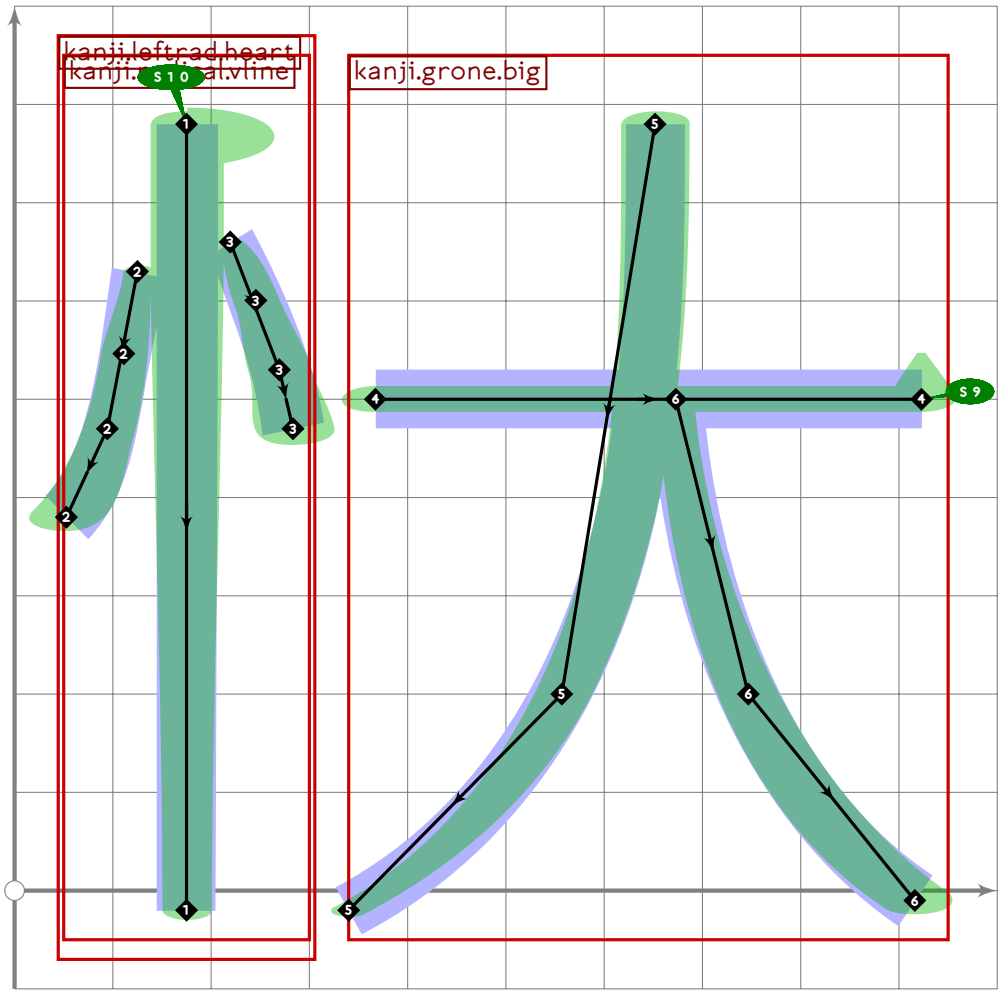
```

U+5FD3
tsuku.uni5FD3




```
% kan/kiwameru "concerned about"
begintsuglyph("uni5FD3",211);
  build_kanji.level(build_kanji.lr(350,-30-mincho*30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,-20))(kanji.grsix.dry)));
  tsu_render;
endtsuglyph;

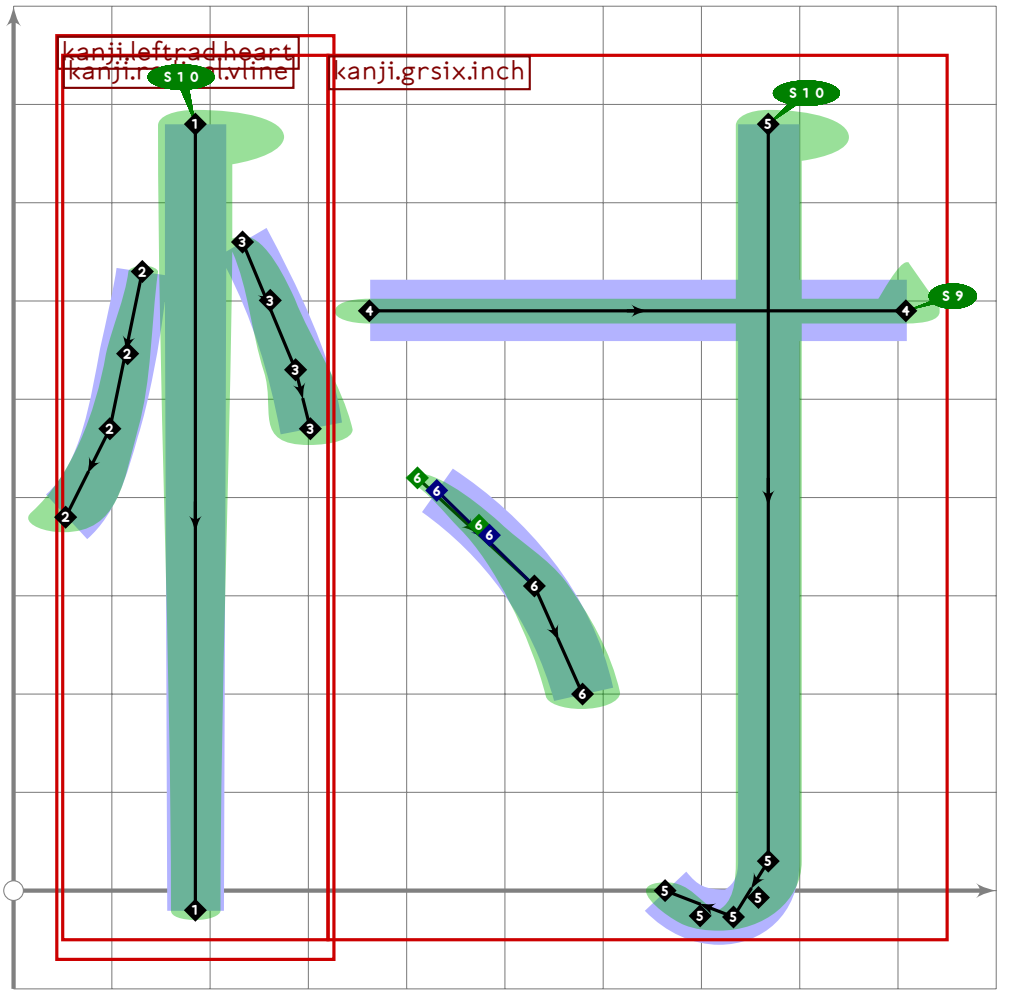
```




```
% extra
begintsuglyph("uni5FD5",213);
  build_kanji.level(build_kanji.lr(320,-40)
    (kanji.leftrad.heart)
    (kanji.grone.big));
  tsu_render;
endtsuglyph;

```

U+5FD6
tsuku.uni5FD6




```
% extra
begintsuglyph("uni5FD6",214);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grsix.inch));
  tsu_render;
endtsuglyph;

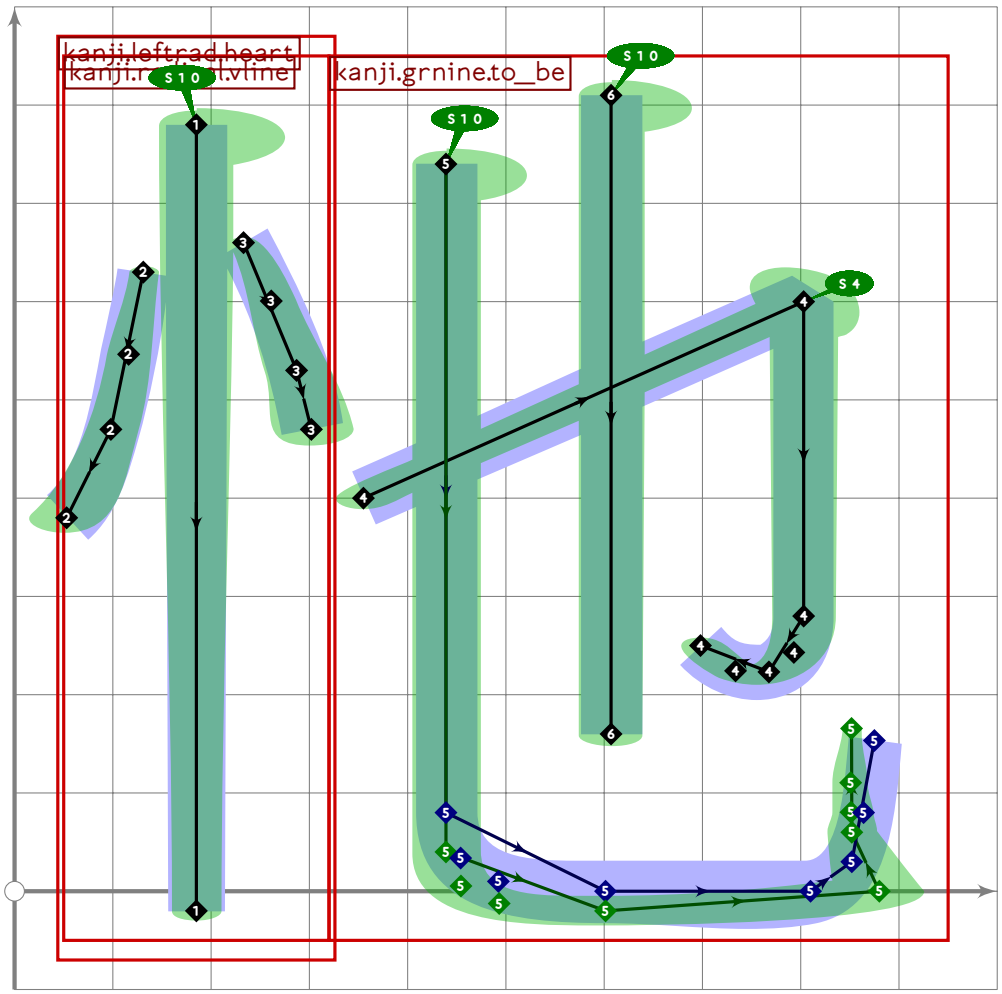
% shi/kokoroza "intention"
begintsuglyph("uni5FD7",215);                                  [see page 761]
  kanji.grfive.intention;
  tsu_render;
endtsuglyph;

% bou/wasu "forget"
begintsuglyph("uni5FD8",216);                                  [see page 2313]
  kanji.grsix.forget;
  tsu_render;
endtsuglyph;

% bou/isogashii "busy"
```

```
begintsuglyph("uni5FD9",217);                                    [see page 2312]
  kanji.grsix.busy;
  tsu_render;
endtsuglyph;

```

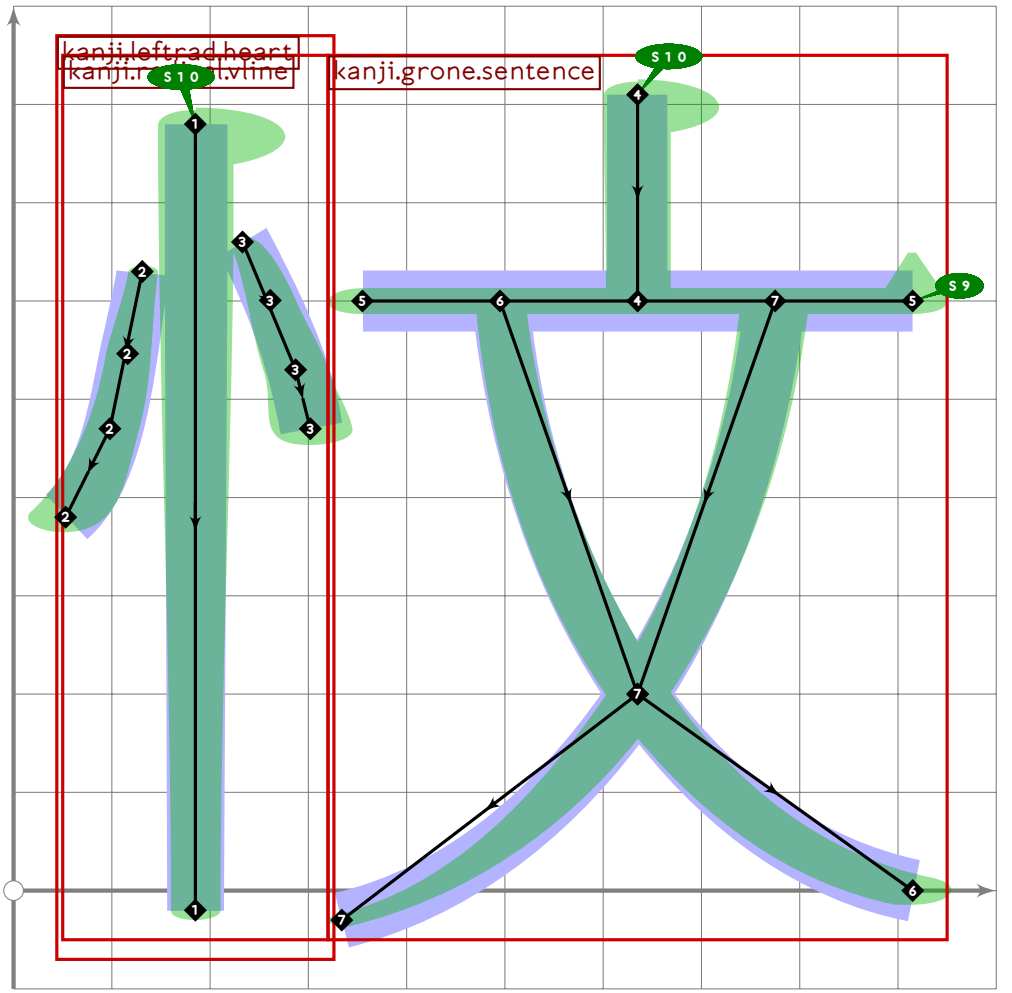



```
% extra
begintsuglyph("uni5FDA",218);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grnine.to_be));
  tsu_render;
endtsuglyph;

% ou/ata "affirm"
begintsuglyph("uni5FDC",220);                                    [see page 2305]
  kanji.grfive.affirm;
  tsu_render;
endtsuglyph;

```

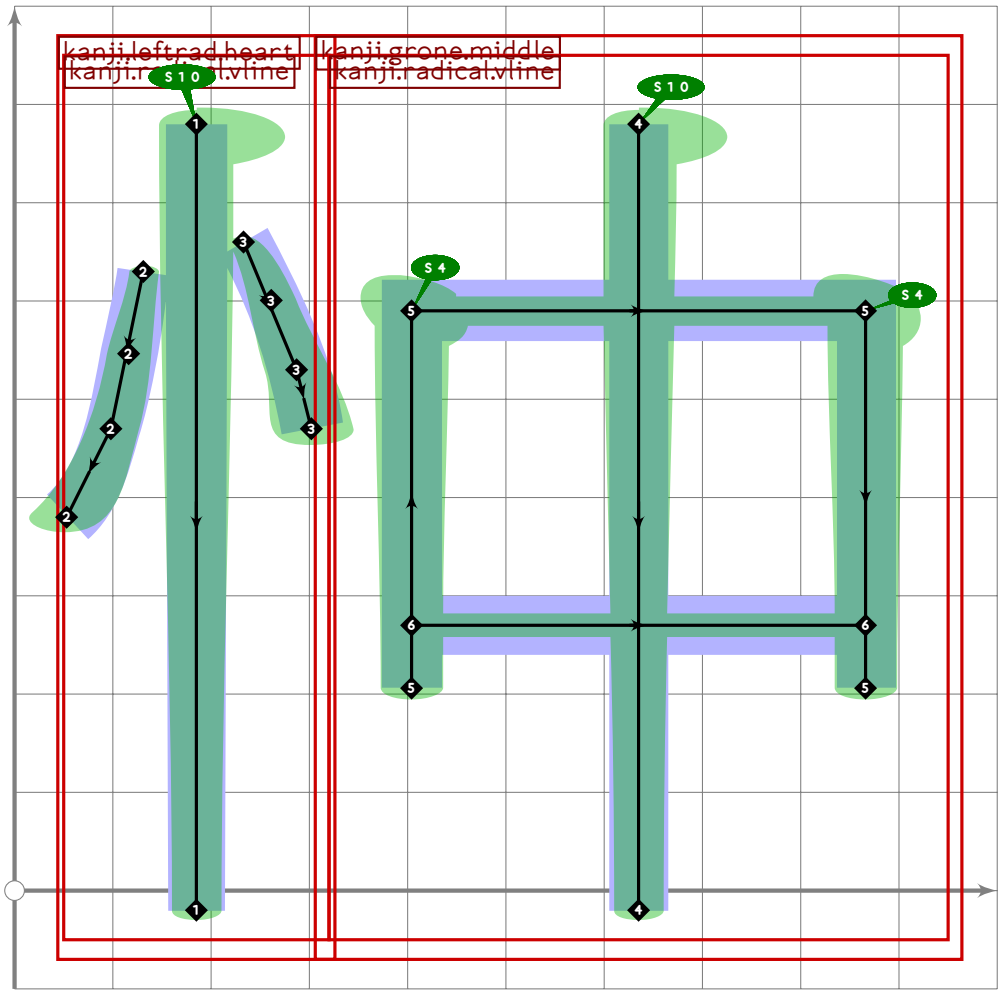
U+5FDF
tsuku.uni5FDF




```
% extra
begintsuglyph("uni5FDF",223);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.sentence));
  tsu_render;
endtsuglyph;

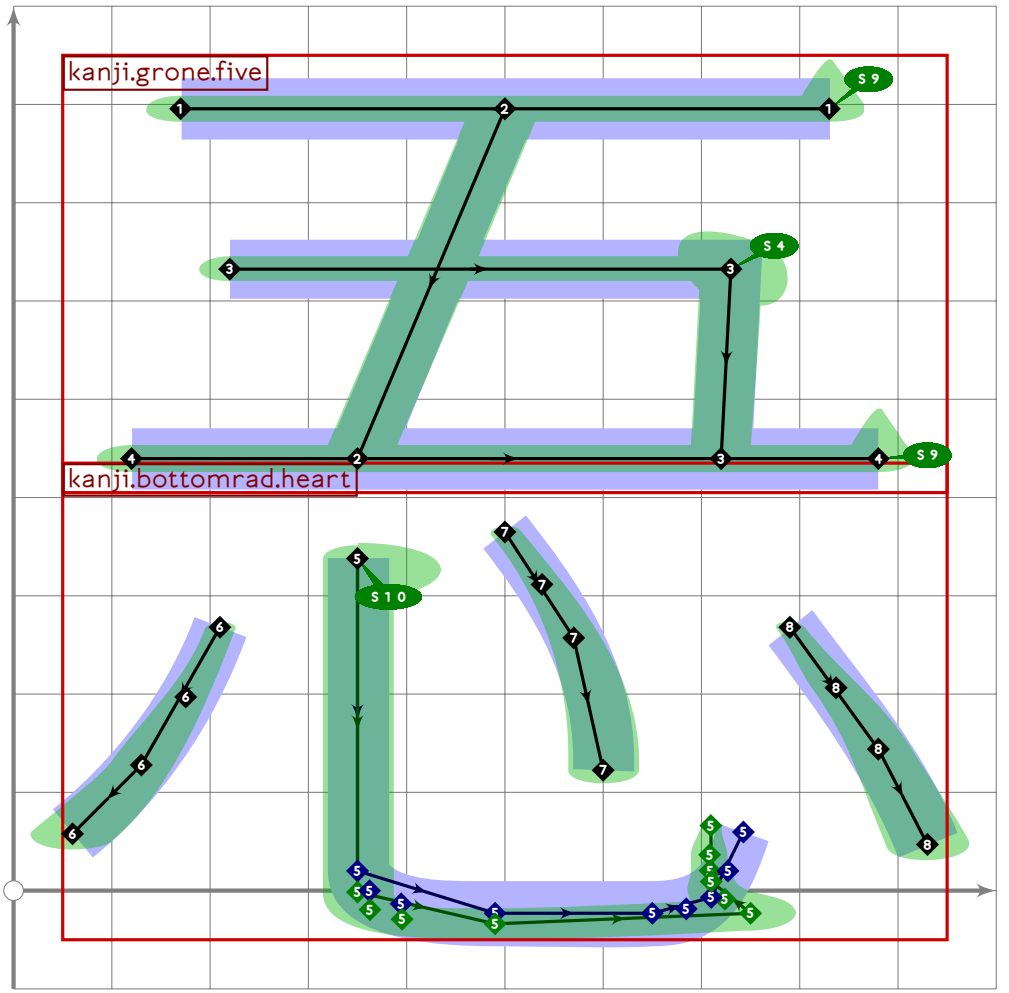
% chuu/kiyoshi "loyalty"
begintsuglyph("uni5FE0",224);
  kanji.grsix.loyalty;
  tsu_render;
endtsuglyph;
```

[see page 2314]



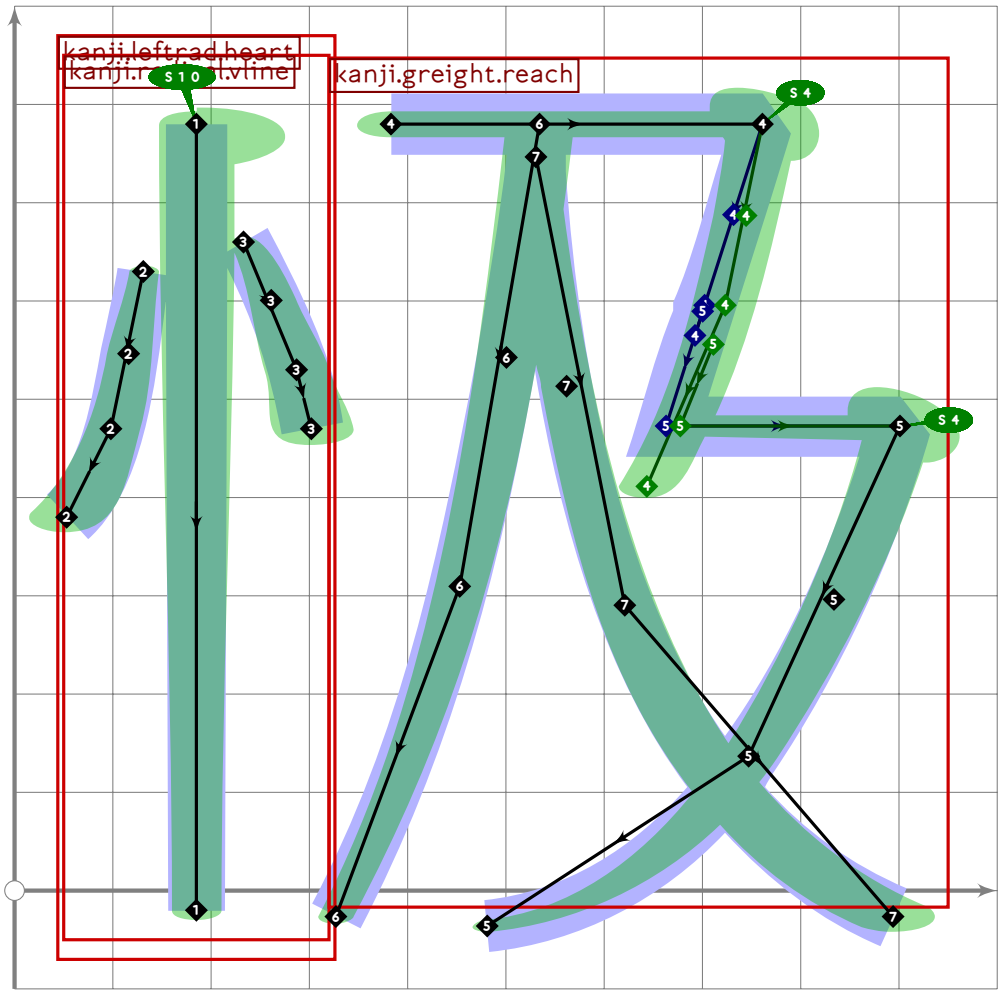

```
% extra
begintsuglyph("uni5FE1",225);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.middle));
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni5FE2",226);
  build_kanji.level(build_kanji.tb(420,30)
    (kanji.grone.five)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

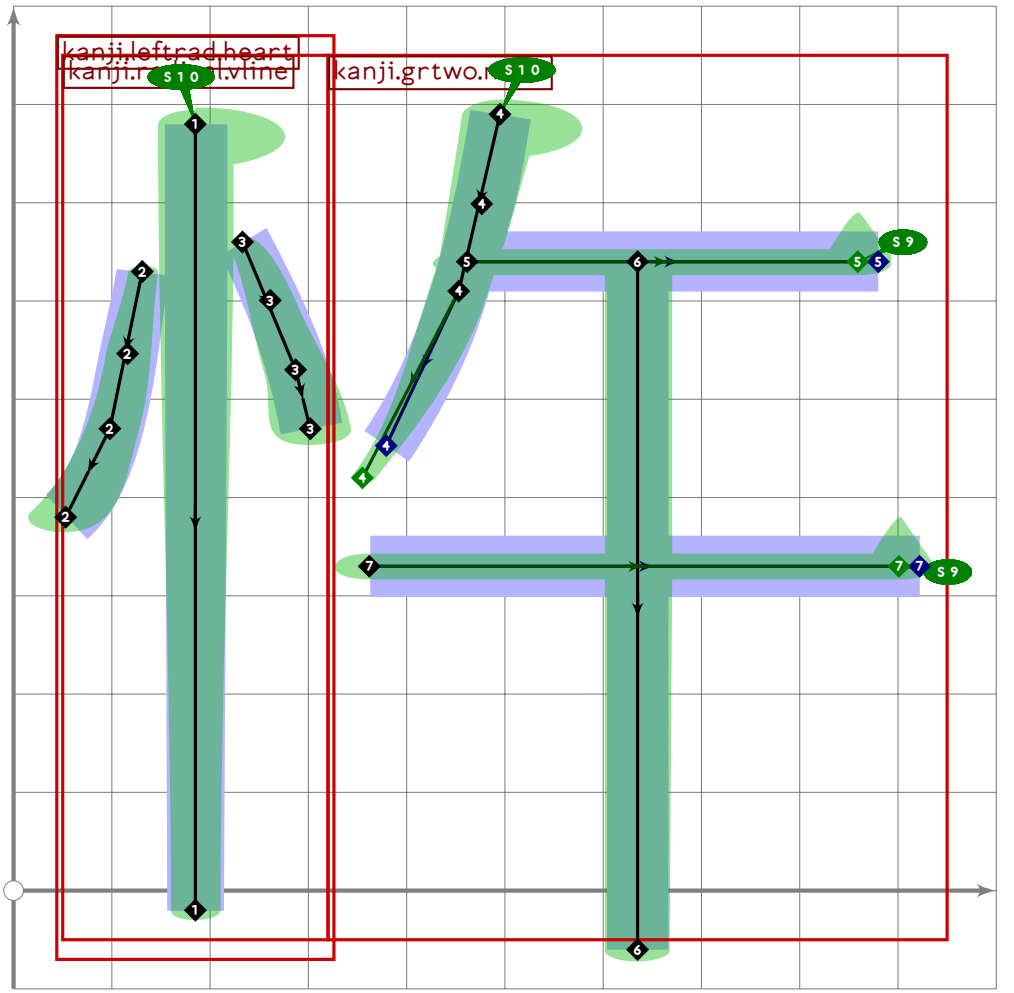
```




```
% extra
begintsuglyph("uni5FE3",227);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (tsu_xform(identity shifted (0,-780) yscaled 0.96 shifted (0,780))
      (kanji.greight.reach)));
  tsu_render;
endtsuglyph;

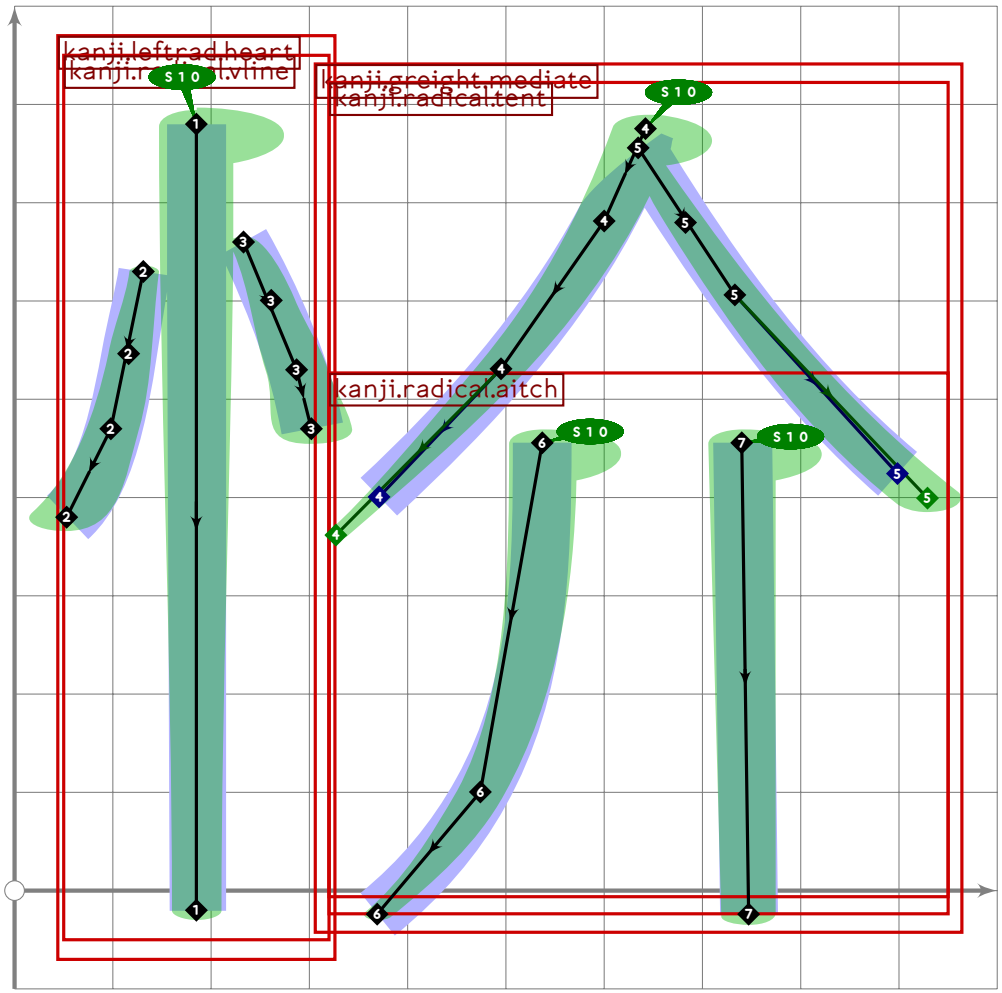
```

U+5FE4
tsuku.uni5FE4




```
% extra
begintsuglyph("uni5FE4",228);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.noon));
  tsu_render;
endtsuglyph;

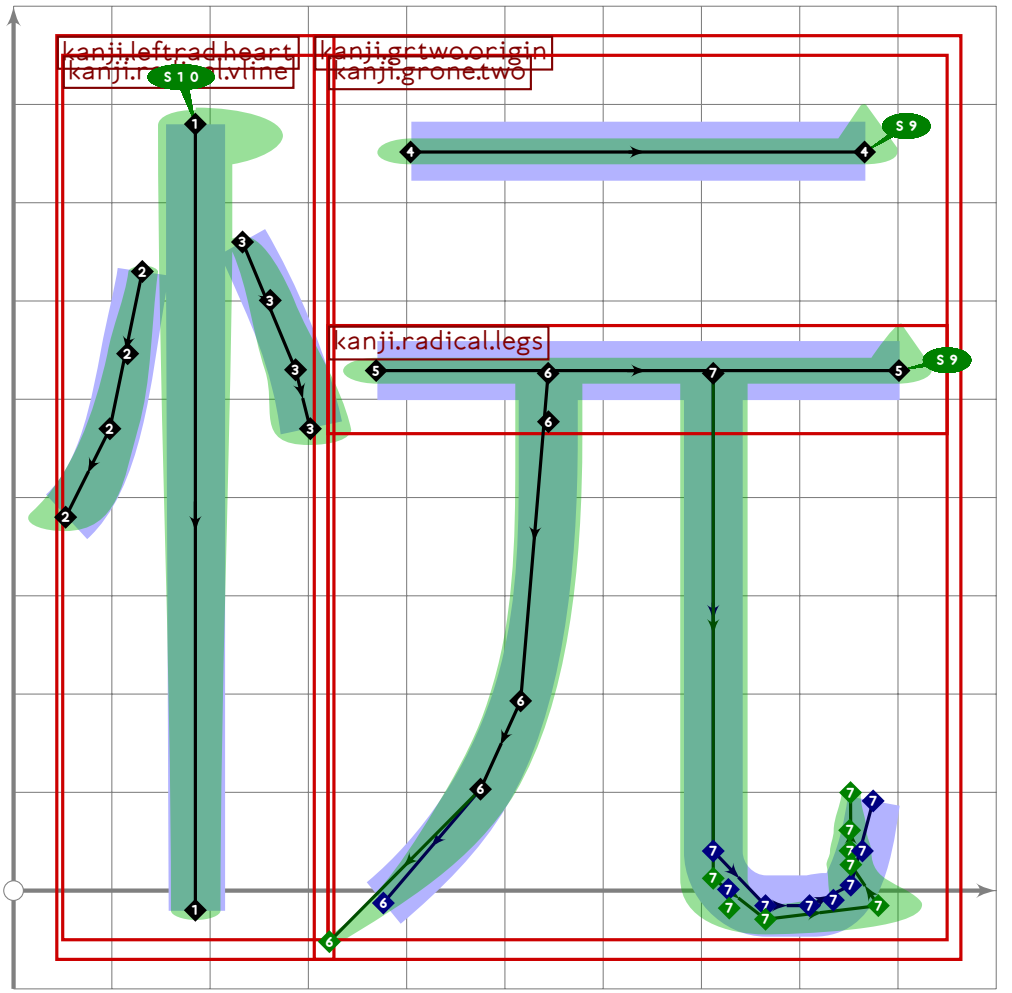
```




```
% extra
begintsuglyph("uni5FE6",230);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled  0.94)(kanji.greight.mediate)));
  tsu_render;
endtsuglyph;

```

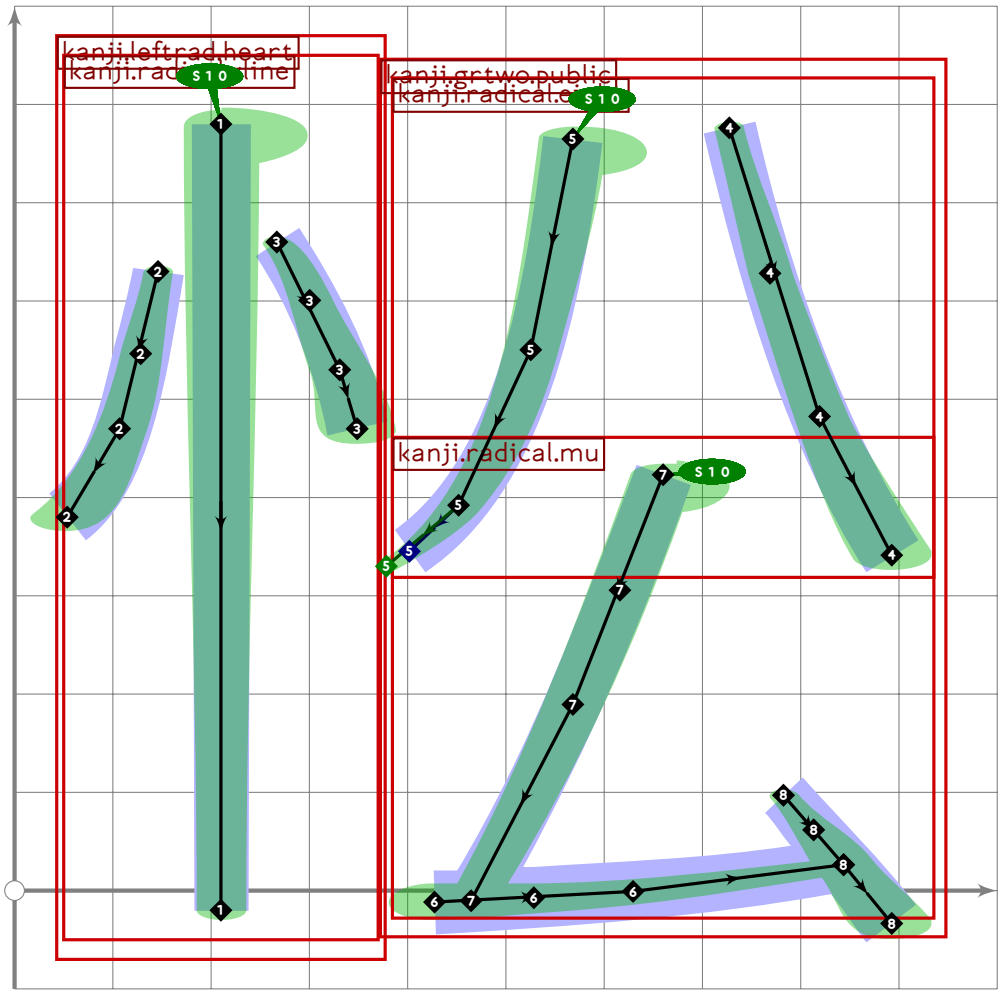
U+5FE8
tsuku.uni5FE8




```
% extra
begintsuglyph("uni5FE8",232);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.origin));
  tsu_render;
endtsuglyph;

% sou/niwaka "be flustered"
begintsuglyph("uni5FE9",233);
  kanji.rare.be_flustered;
  tsu_render;
endtsuglyph;
```

[see page 990]

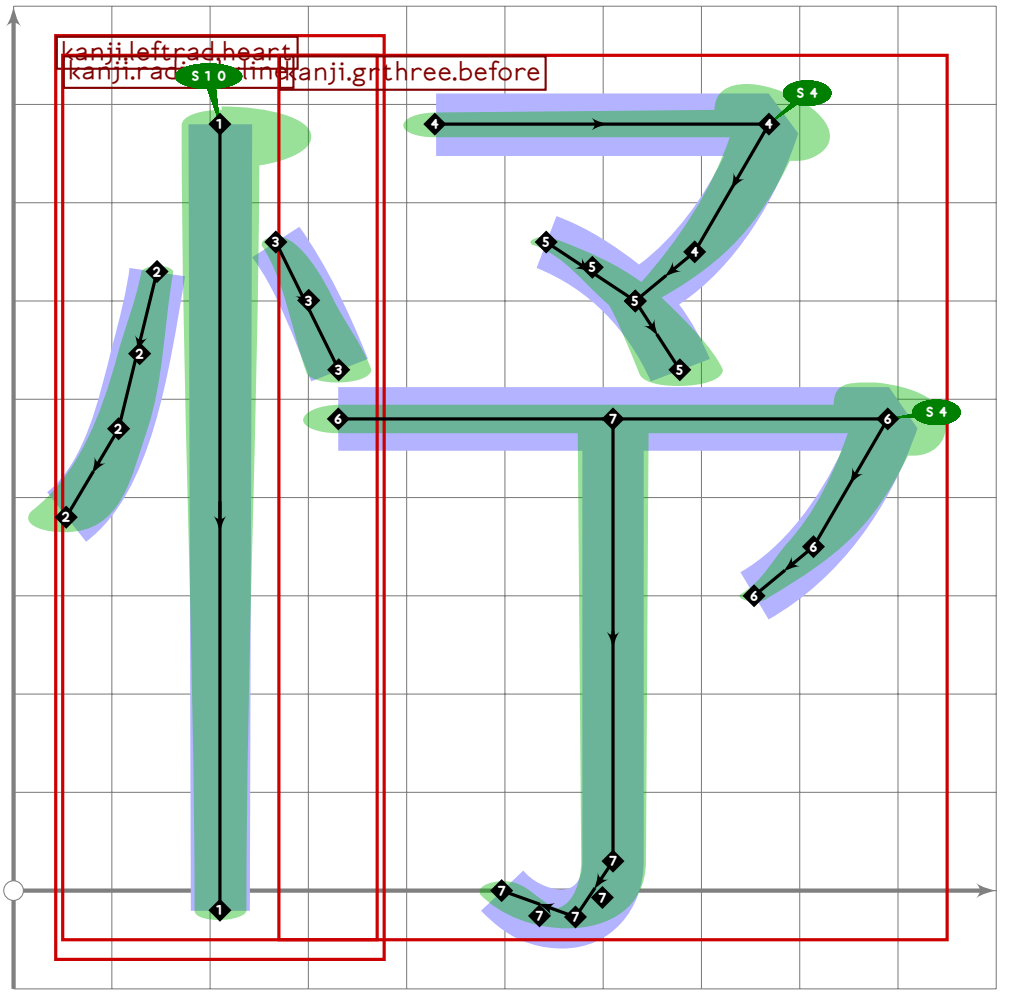



```
% shou/odoroku "tranquil"
begintsuglyph("uni5FEA",234);
  build_kanji.level(build_kanji.lr(370,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.95)(kanji.grtwo.public)));
  tsu_render;
endtsuglyph;

% kai/kokoroyo "pleasure"
begintsuglyph("uni5FEB",235);
  kanji.grfive.pleasure;
  tsu_render;
endtsuglyph;
```

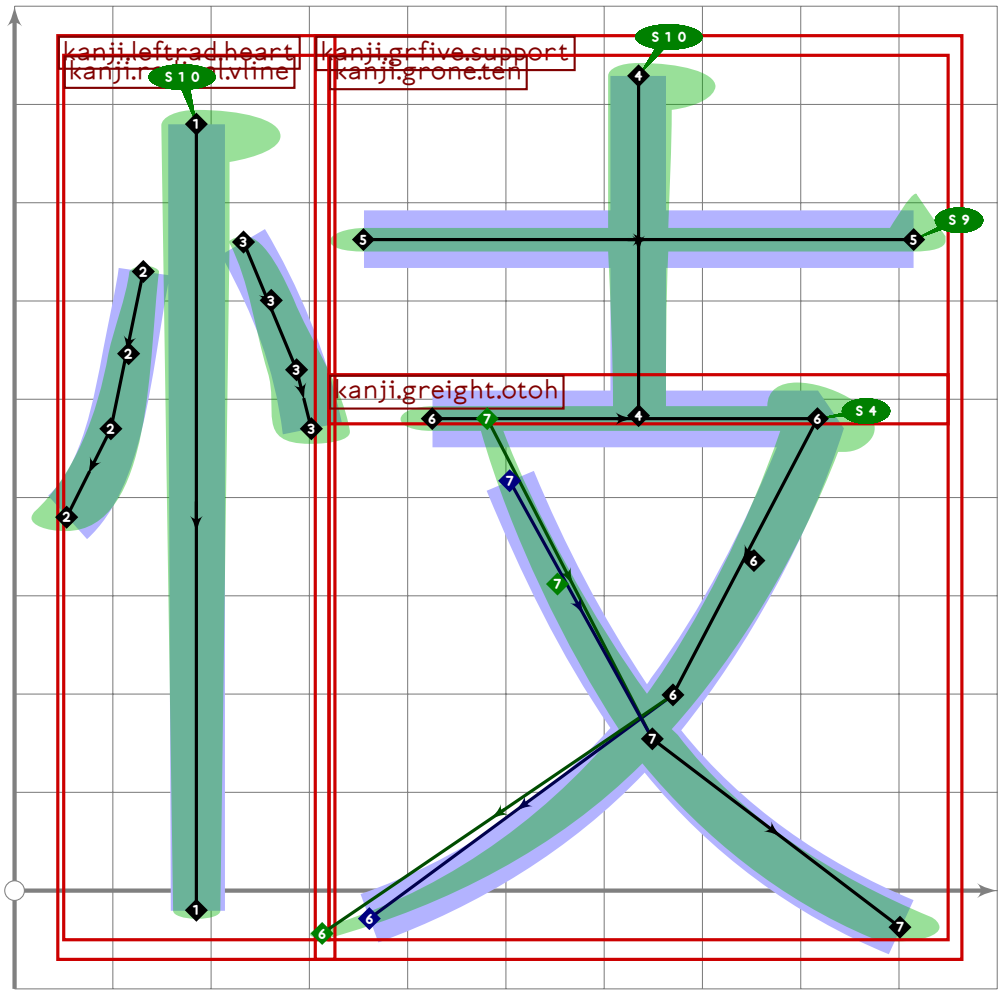
[see page 2308]

U+5FEC
tsuku.uni5FEC




```
% extra
begintsuglyph("uni5FEC",236);
  build_kanji.level(build_kanji.lr(320,100)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1) of oldp);
     replace_strokeq(0)(subpath (0,1) of oldq))
    (kanji.grthree.before));
  tsu_render;
endtsuglyph;

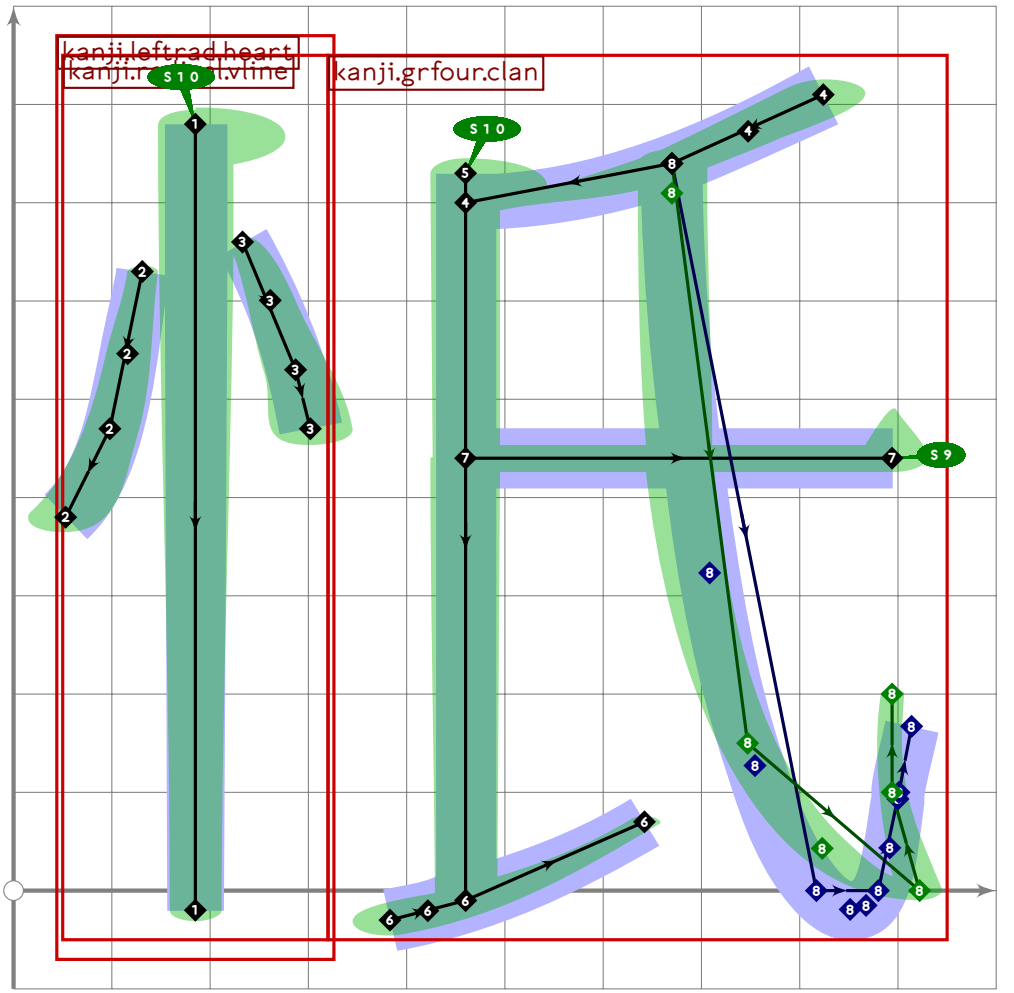
```




```
% extra
begintsuglyph("uni5FEE",238);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfive.support));
  tsu_render;
endtsuglyph;

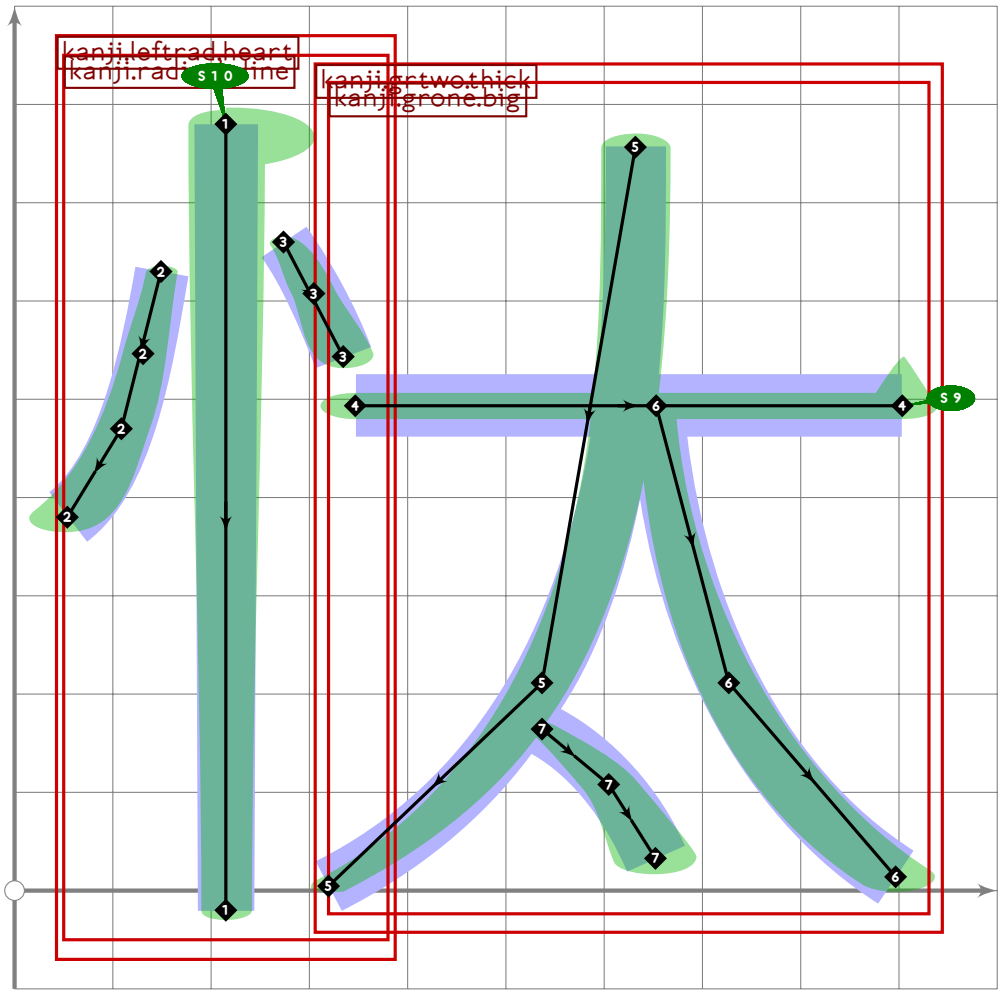
```

U+5FEF
tsuku.uni5FEF




```
% extra
begintsuglyph("uni5FEF",239);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.clan));
  tsu_render;
endtsuglyph;

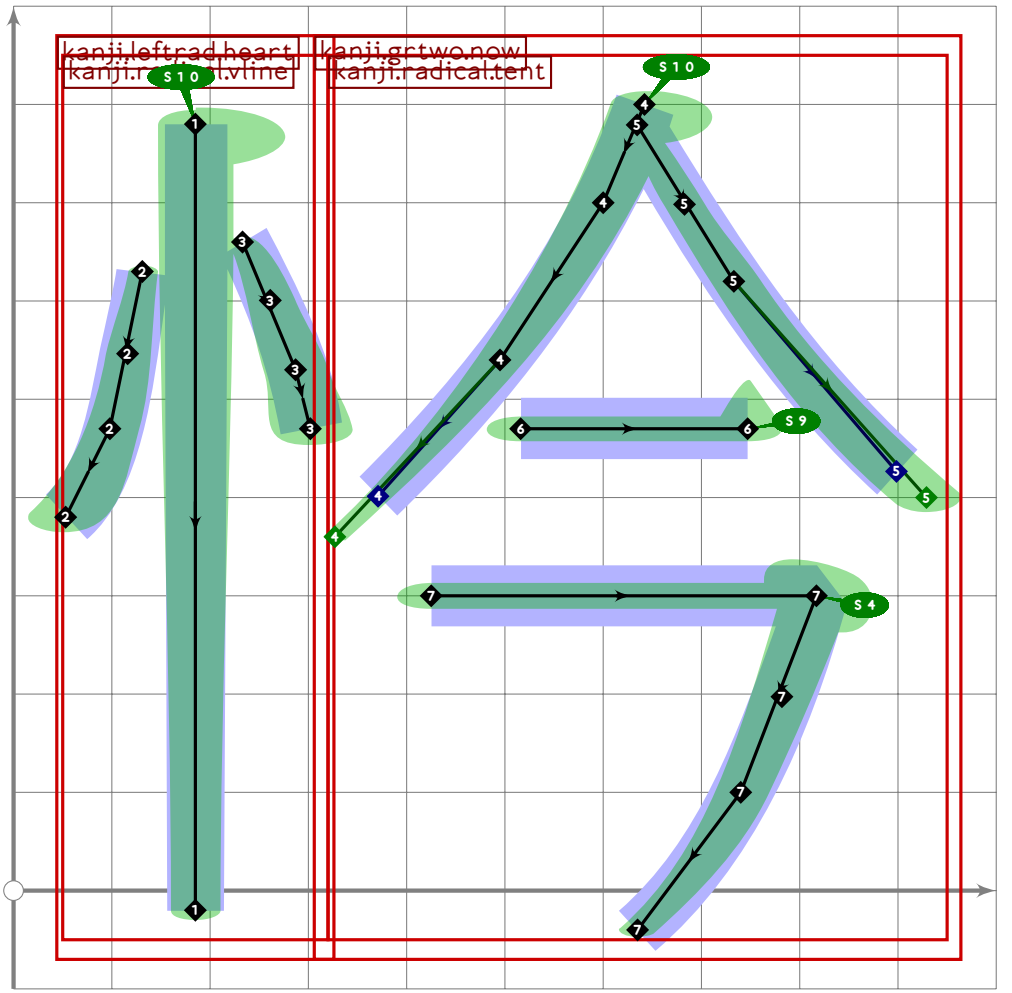
```




```
% tai/narau "extravagant"
begintsuglyph("uni5FF2",242);
  build_kanji.level(build_kanji.lr(340,80)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,0.9) of oldp);
     replace_strokeq(0)(subpath (0,0.9) of oldq))
    (build_kanji.sscale(scaled 0.94)(kanji.grtwo.thick)));
  tsu_render;
endtsuglyph;

```

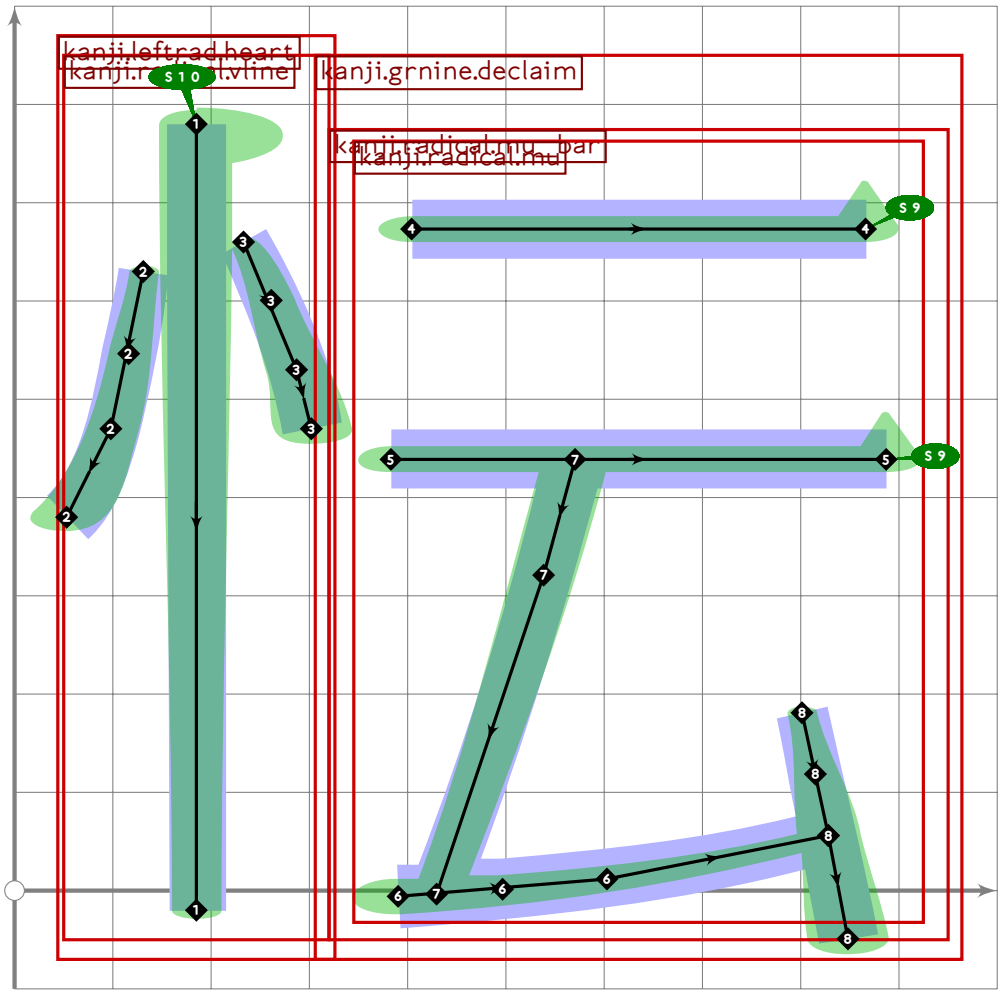
U+5FF4
tsuku.uni5FF4




```
% extra
begintsuglyph("uni5FF4",244);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.now));
  tsu_render;
endtsuglyph;

% nen "care"
begintsuglyph("uni5FF5",245);
  kanji.grfour.care;
  tsu_render;
endtsuglyph;
```

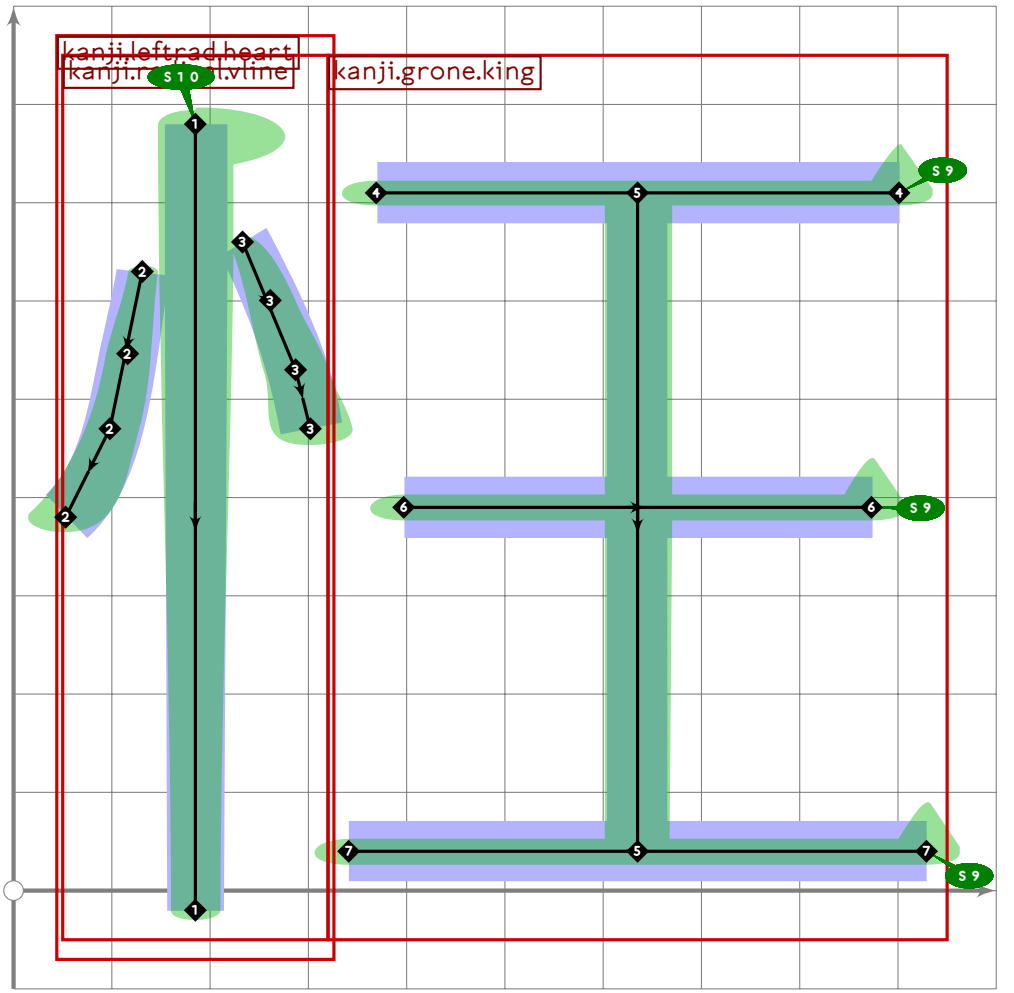
[see page 680]




```
% extra
begintsuglyph("uni5FF6",246);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grnine.declaim));
  tsu_render;
endtsuglyph;

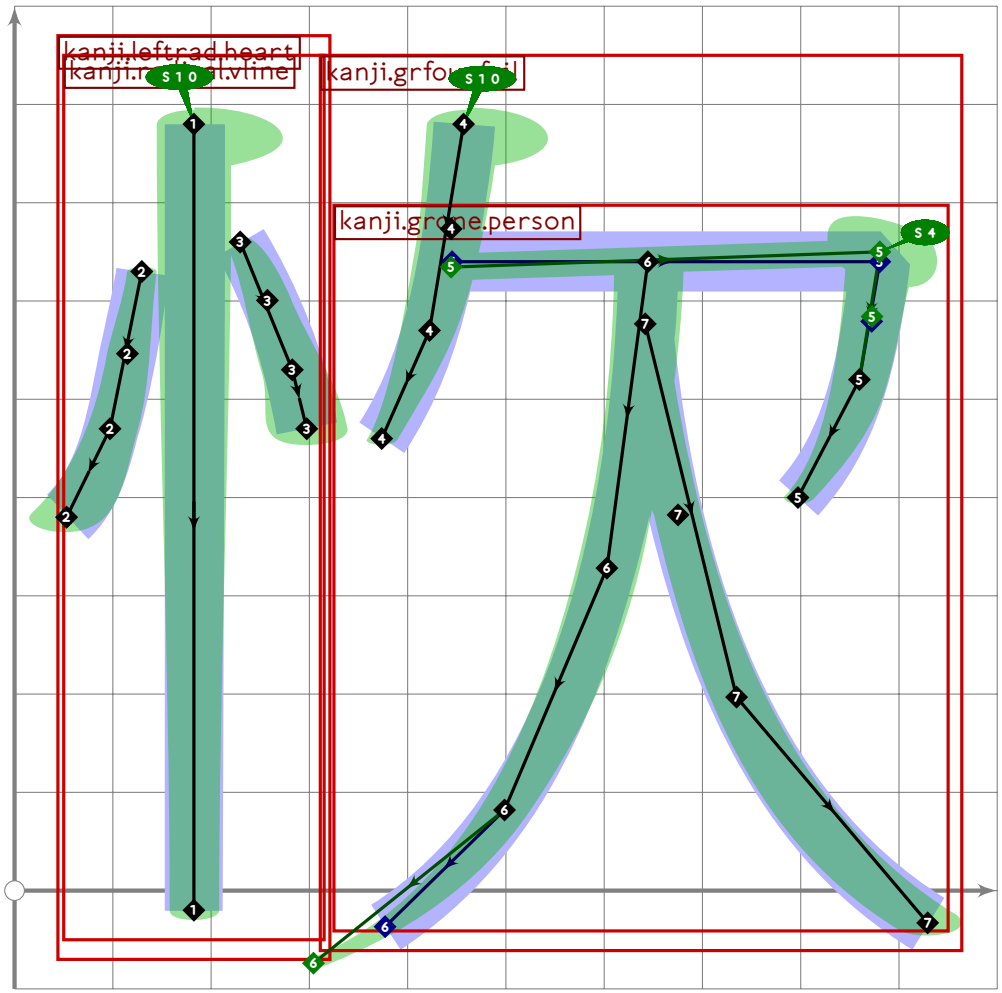
```

U+5FF9
tsuku.uni5FF9




```
% extra
begintsuglyph("uni5FF9",249);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.king));
  tsu_render;
endtsuglyph;

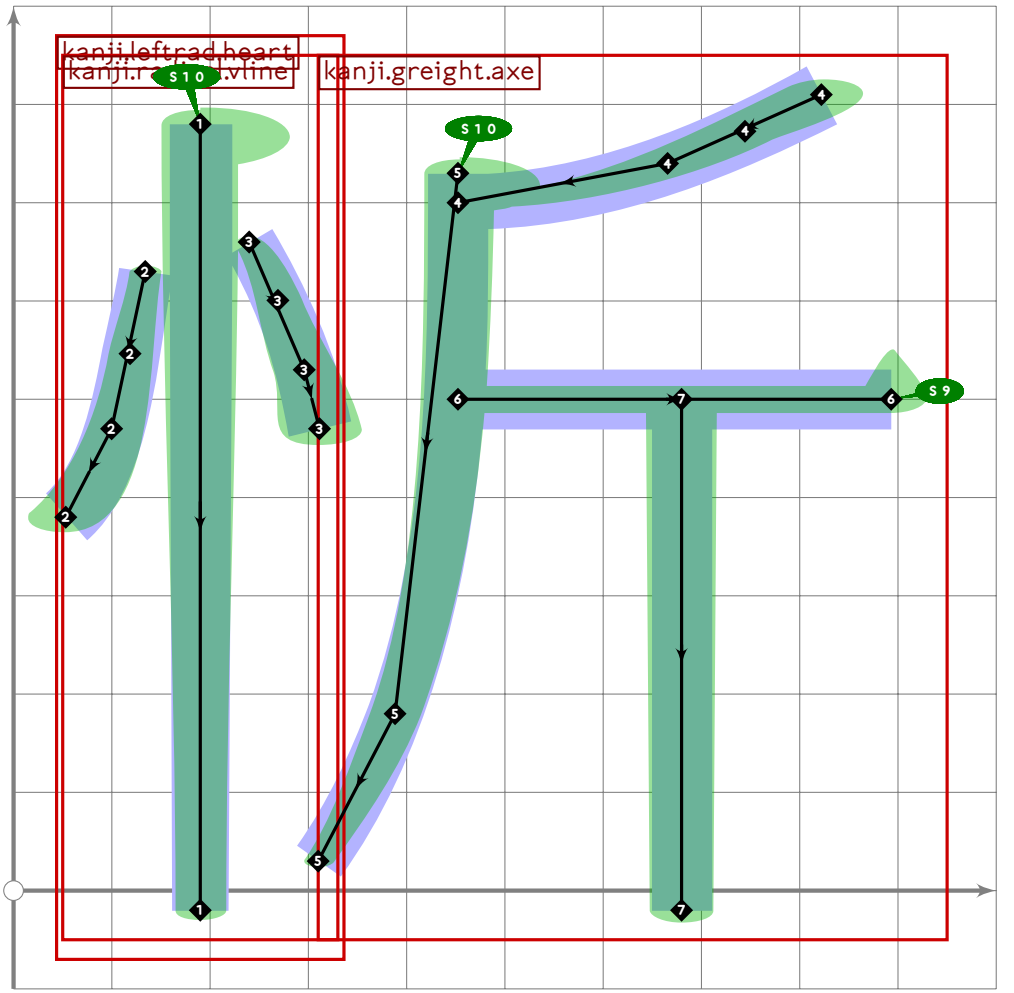
```




```
% extra
begintsuglyph("uni5FFA",250);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (kanji.grfour.fail));
  tsu_render;
endtsuglyph;

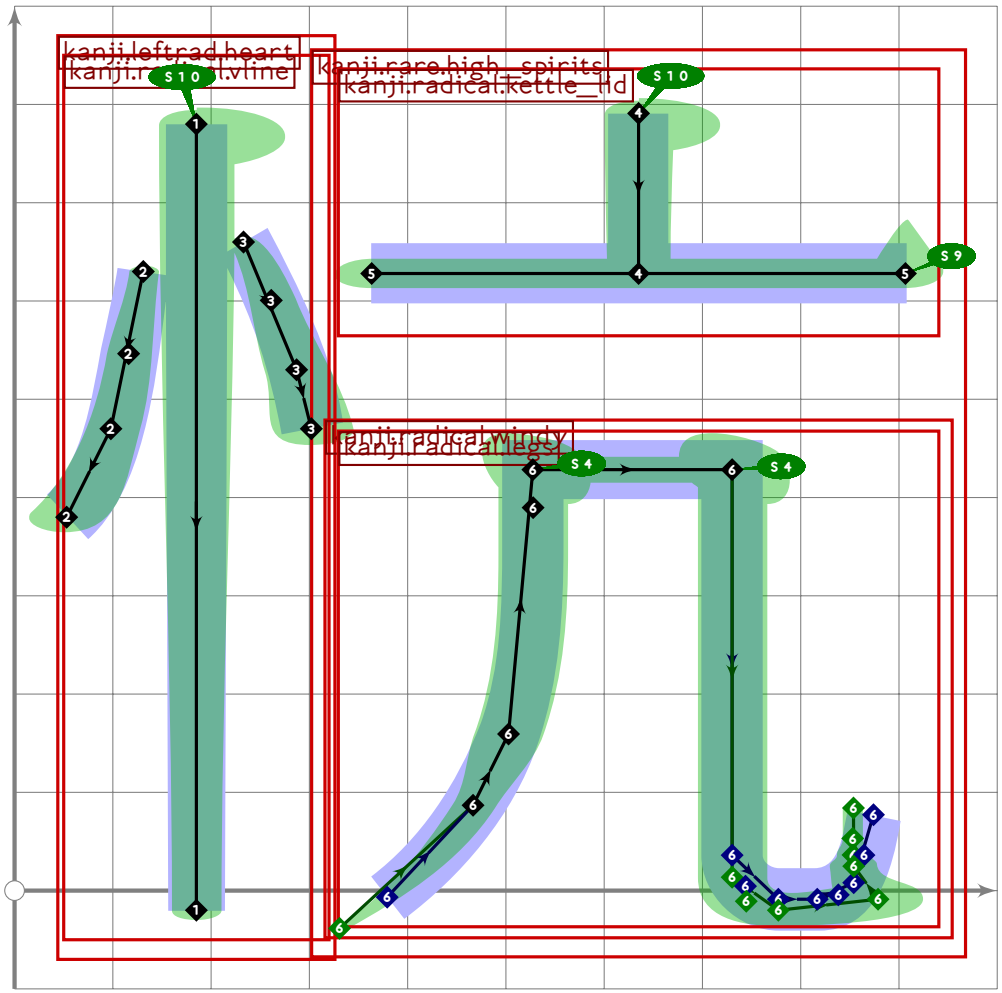
```

U+5FFB
tsuku.uni5FFB




```
% extra
begintsuglyph("uni5FFB",251);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.greight.axe));
  tsu_render;
endtsuglyph;

```

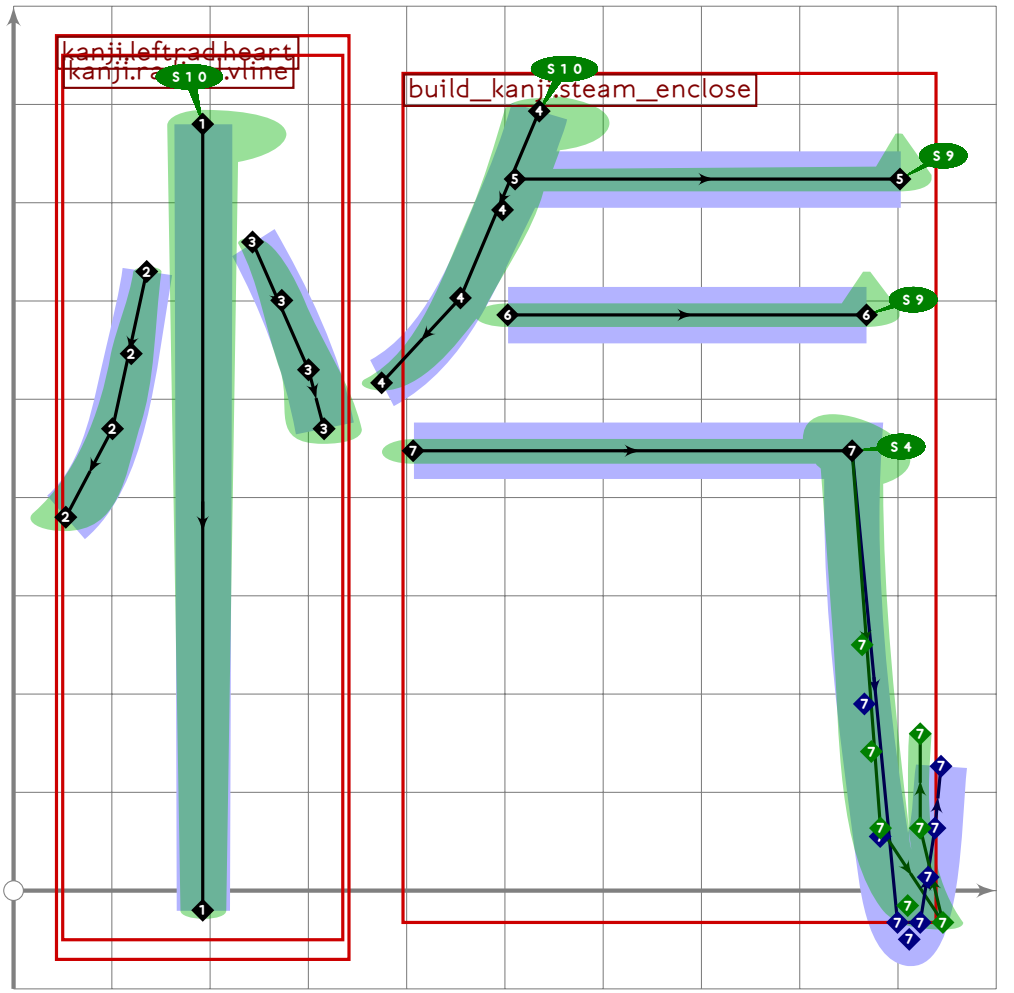



```
% kou/nageku "weep"
begintsuglyph("uni5FFC",252);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.97)(kanji.rare.high_spirits)));
  tsu_render;
endtsuglyph;

% kotsu/tachima "suddenly"
begintsuglyph("uni5FFD",253);
  kanji.grnine.suddenly;
  tsu_render;
endtsuglyph;
```

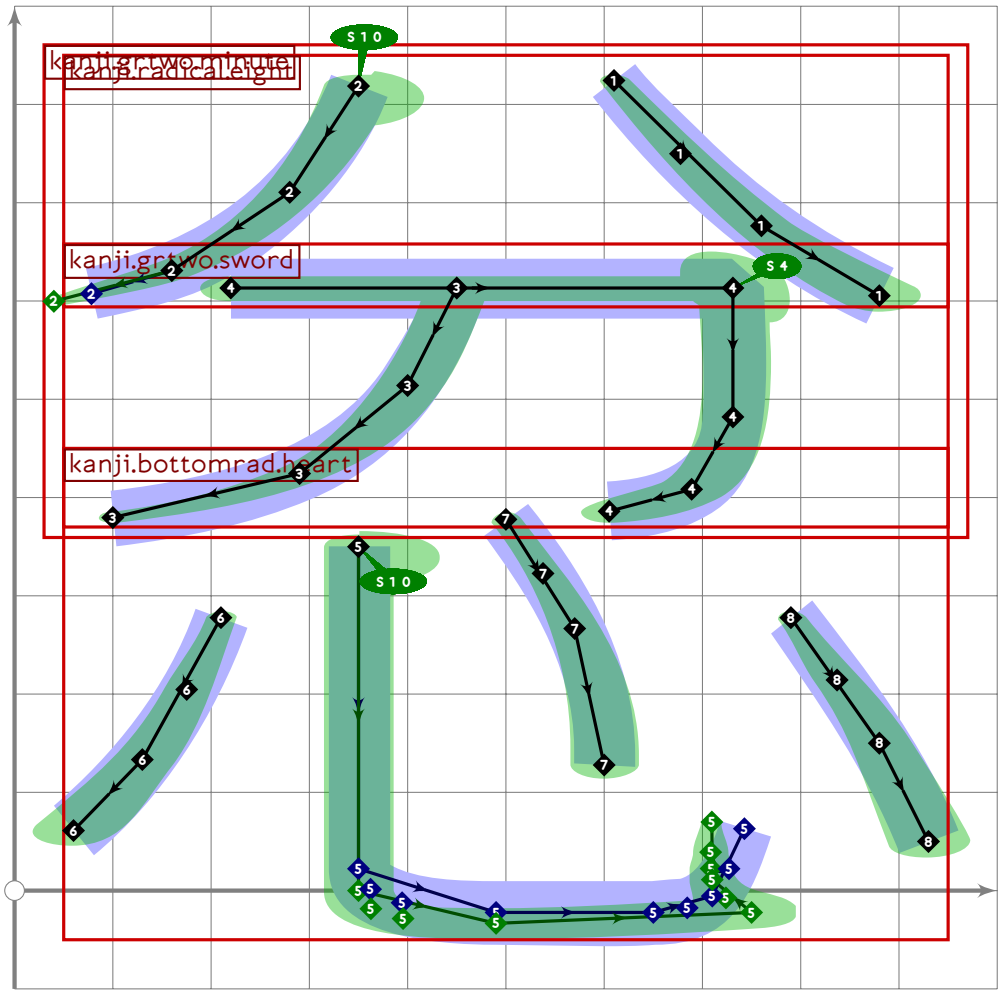
[see page 976]

U+5FFE
tsuku.uni5FFE




```
% extra
begintsuglyph("uni5FFE",254);
  build_kanji.level(build_kanji.lr(360,-50)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled  0.96)(build_kanji.steam_enclose((700,400))())));
  tsu_render;
endtsuglyph;

```




```
% extra "be angry"
begintsuglyph("uni5FFF",255);
  build_kanji.level(build_kanji.tb(410,80)
    (kanji.grtwo.minute)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

---

endfont;

---
```

tsuku-60.mp


```
%
% Unicode page 60 (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2014, 2016 Matthew Skala
%
[Standard copyright notice]

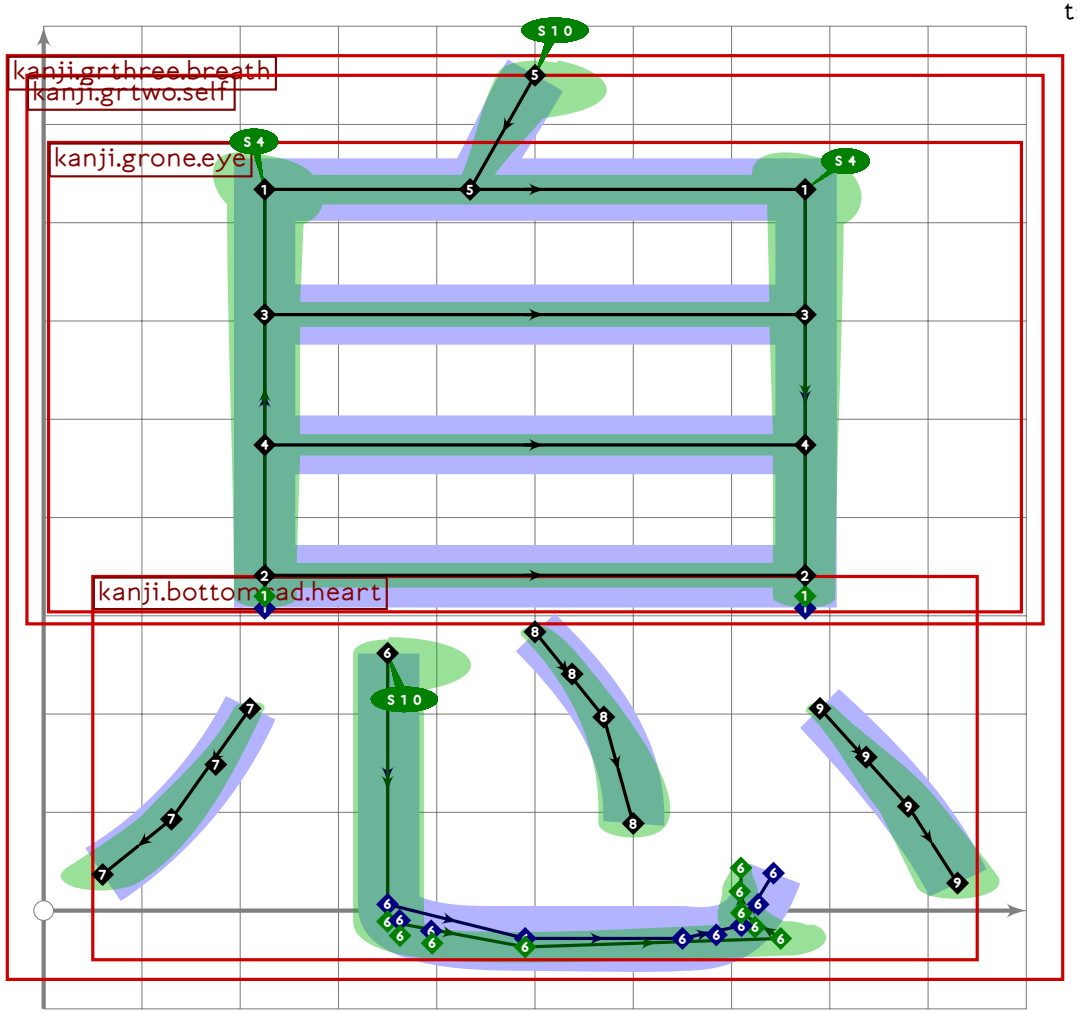
---

beginfont

% AUTODEPS
input bkencl.mp;
input bottomrad.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input rightrad.mp;
input toprad.mp;

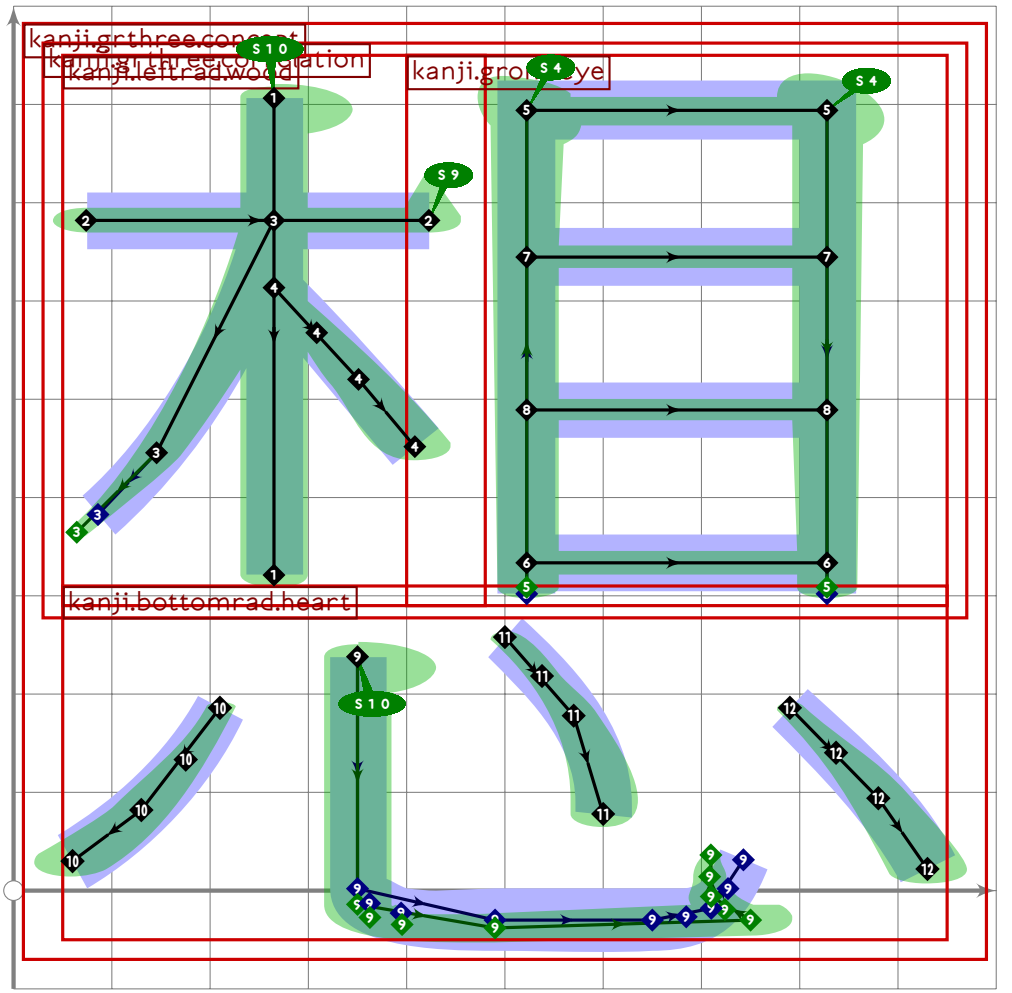
do_late_includes;

---
```

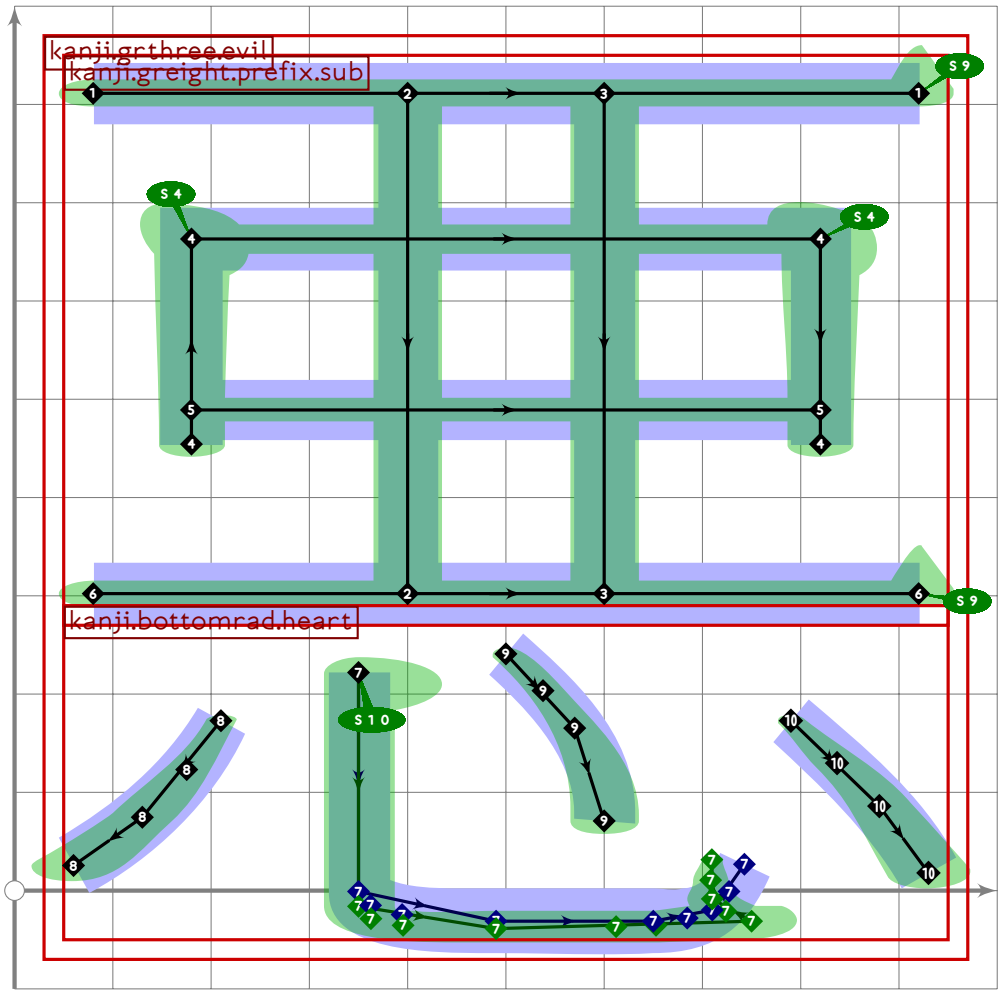



```
56
57 vardef kanji.grthree.breath =
58   push_pbox_toexpand("kanji.grthree.breath");
59   build_kanji.level(build_kanji.tb(320,40)
60     (build_kanji.sscale(xscaled 1.1)(kanji.grtwo.self))
61     (kanji.bottomrad.heart));
62   expand_pbox;
63 enddef;
```

U+60F3
tsuku.uni60F3

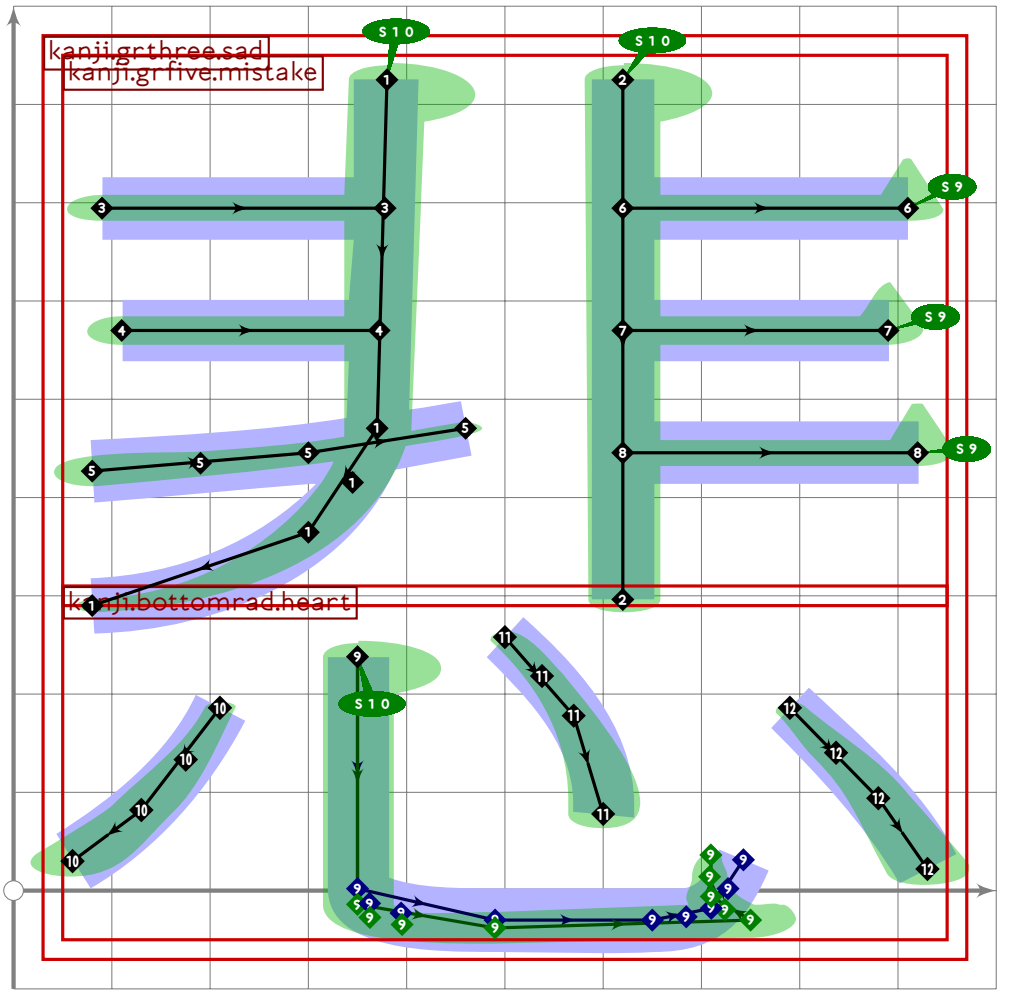



```
vardef kanji.grthree.concept =
  push_pbox_toexpand("kanji.grthree.concept");
  build_kanji.level(build_kanji.tb(300,20)
    (kanji.grthree.correlation)
    (kanji.bottomrad.heart));
  expand_pbox;
enddef;
```

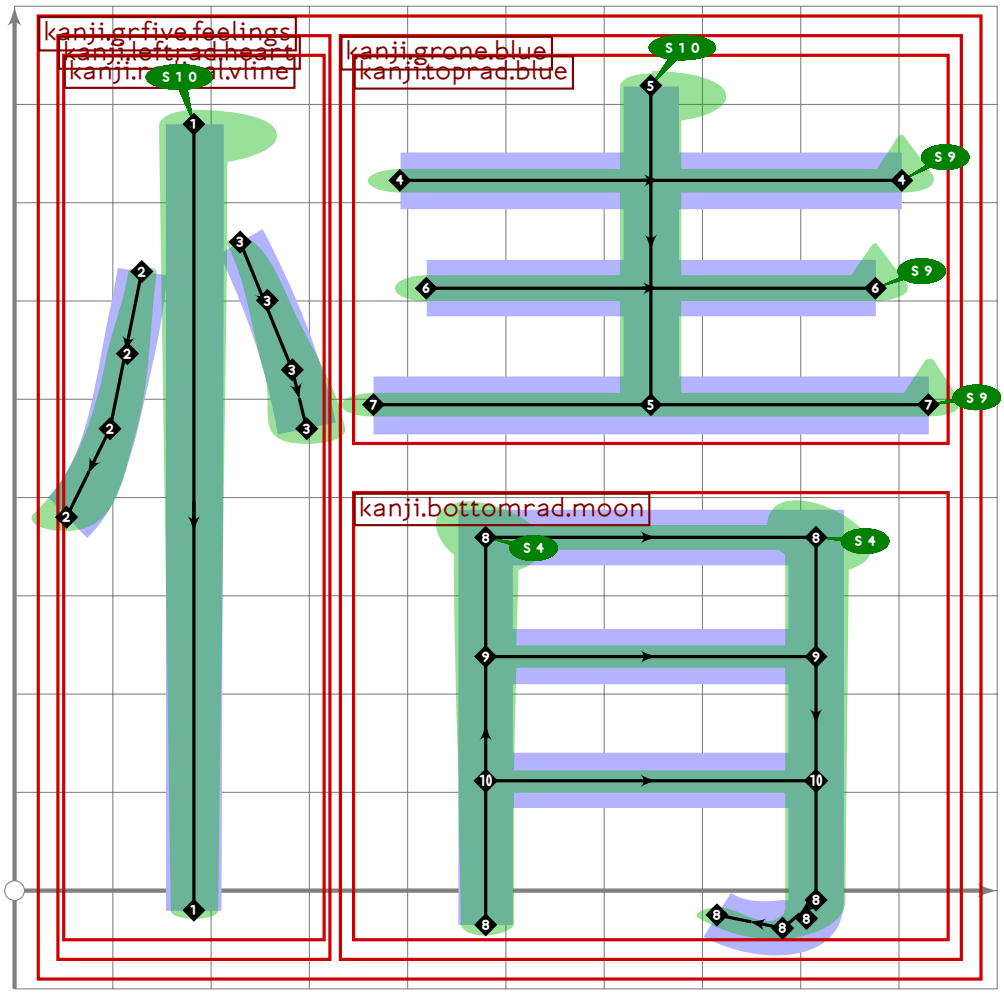



```
72
73 vardef kanji.grthree.evil =
74   push_pbox_toexpand("kanji.grthree.evil");
75   build_kanji.level(build_kanji.tb(280,20)
76     (kanji.greight.prefix_sub)
77     (kanji.bottomrad.heart));
78   expand_pbox;
79 enddef;
```

U+60B2
tsuku.uni60B2

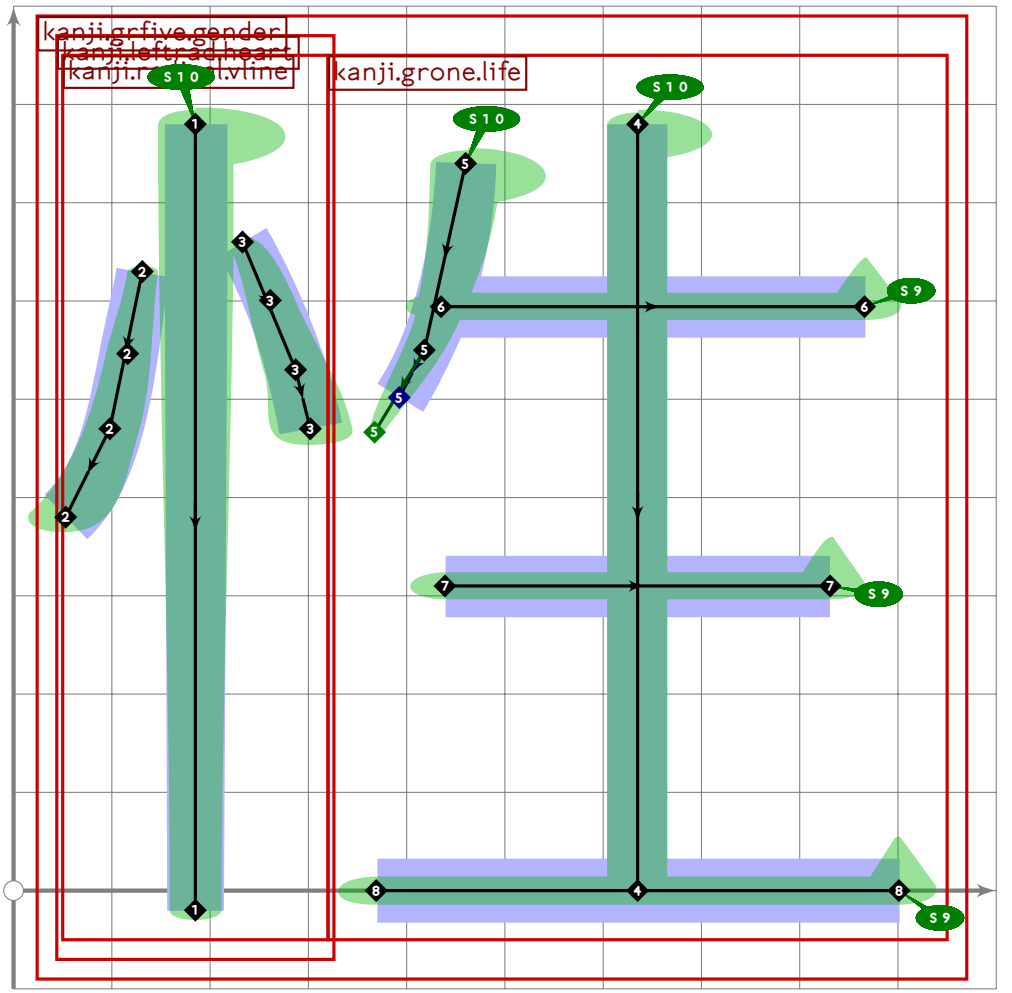



```
80
81 vardef  kanji.grthree.sad =
82   push_pbox_toexpand("kanji.grthree.sad");
83   build_kanji.level(build_kanji.tb(300,20)
84     (kanji.grfive.mistake)
85     (kanji.bottomrad.heart));
86   expand_pbox;
87 enddef;
88
89 ---------------------------------------------------------------------------
```

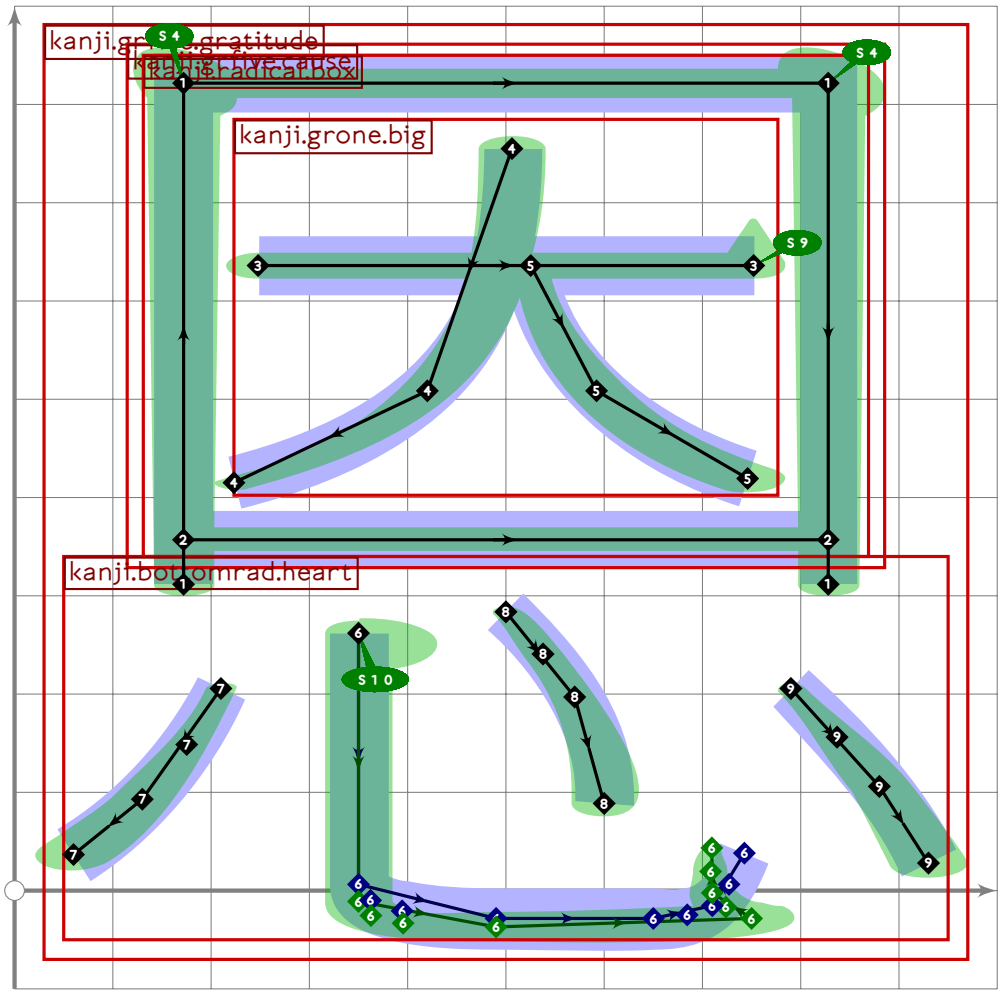



```
90
91 vardef  kanji.grfive.feelings =
92   push_pbox_toexpand("kanji.grfive.feelings");
93   build_kanji.level(build_kanji.lr(330,-30)
94     (kanji.leftrad.heart)
95     (kanji.grone.blue));
96   expand_pbox;
97 enddef;
```

U+6027
tsuku.uni6027

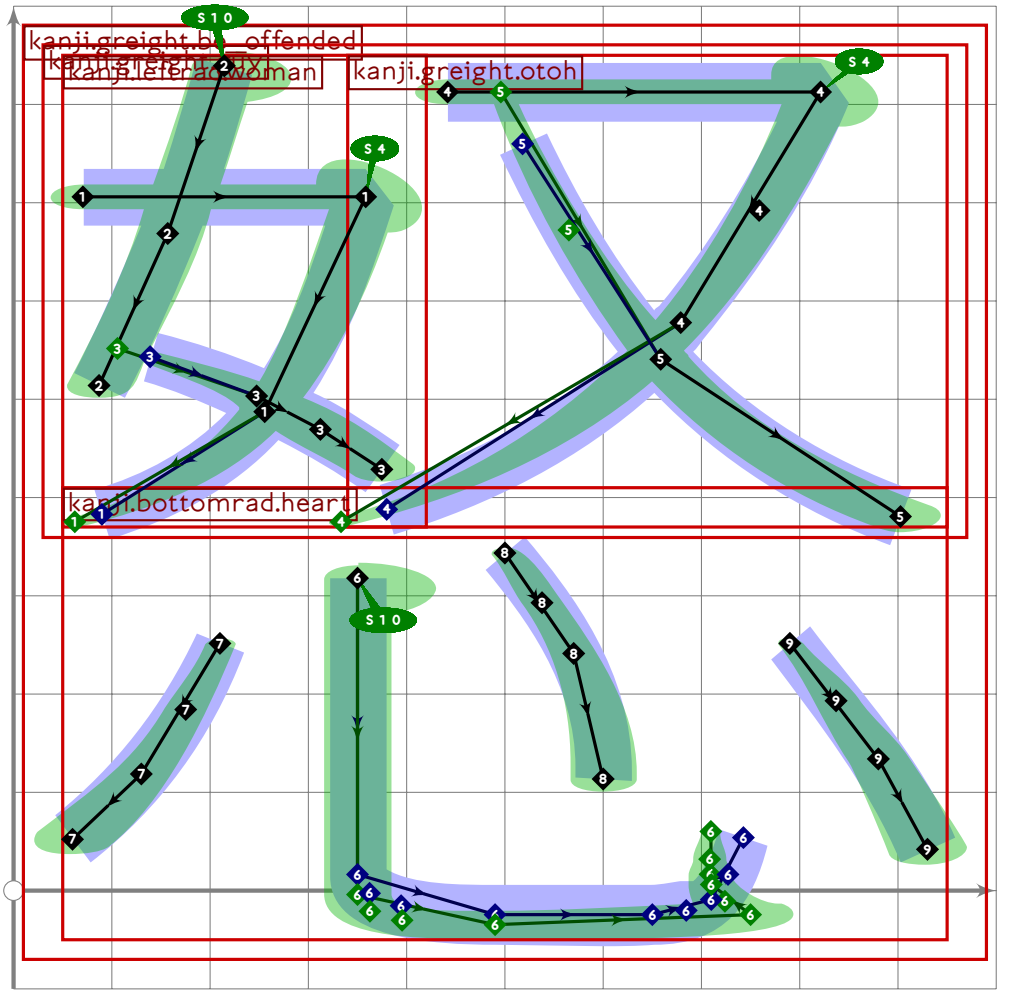



```
98
99 vardef  kanji.grfive.gender =
100   push_pbox_toexpand("kanji.grfive.gender");
101   build_kanji.level(build_kanji.lr(320,0)
102     (kanji.leftrad.heart)
103     (kanji.grone.life));
104   expand_pbox;
105 enddef;
```

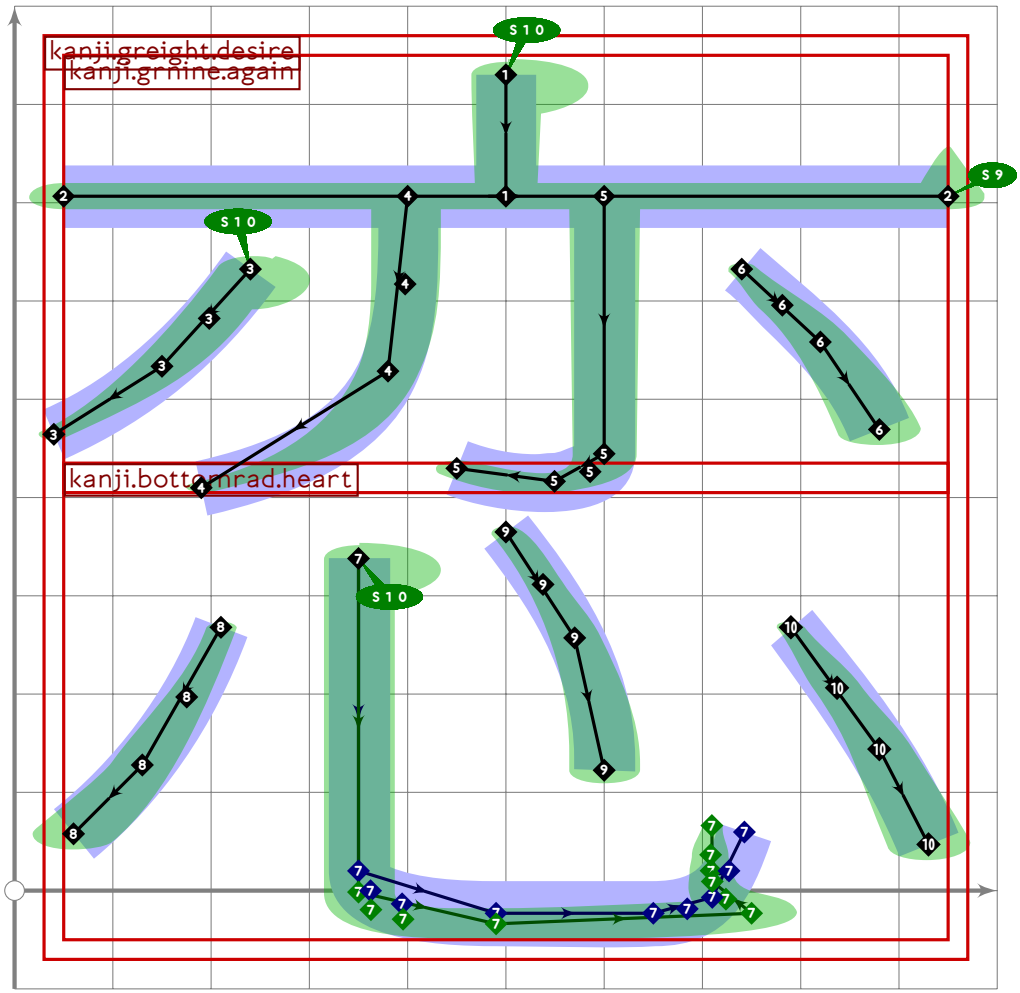



```
106
107 vardef  kanji.grfive.gratitude =
108   push_pbox_toexpand("kanji.grfive.gratitude");
109   build_kanji.level(build_kanji.tb(340,0)
110     (build_kanji.sscale(xyscaled  (0.82,1))(kanji.grfive.cause))
111     (kanji.bottomrad.heart));
112   expand_pbox;
113 enddef;
114
115 ---------------------------------------------------------------
```

U+6012
tsuku.uni6012

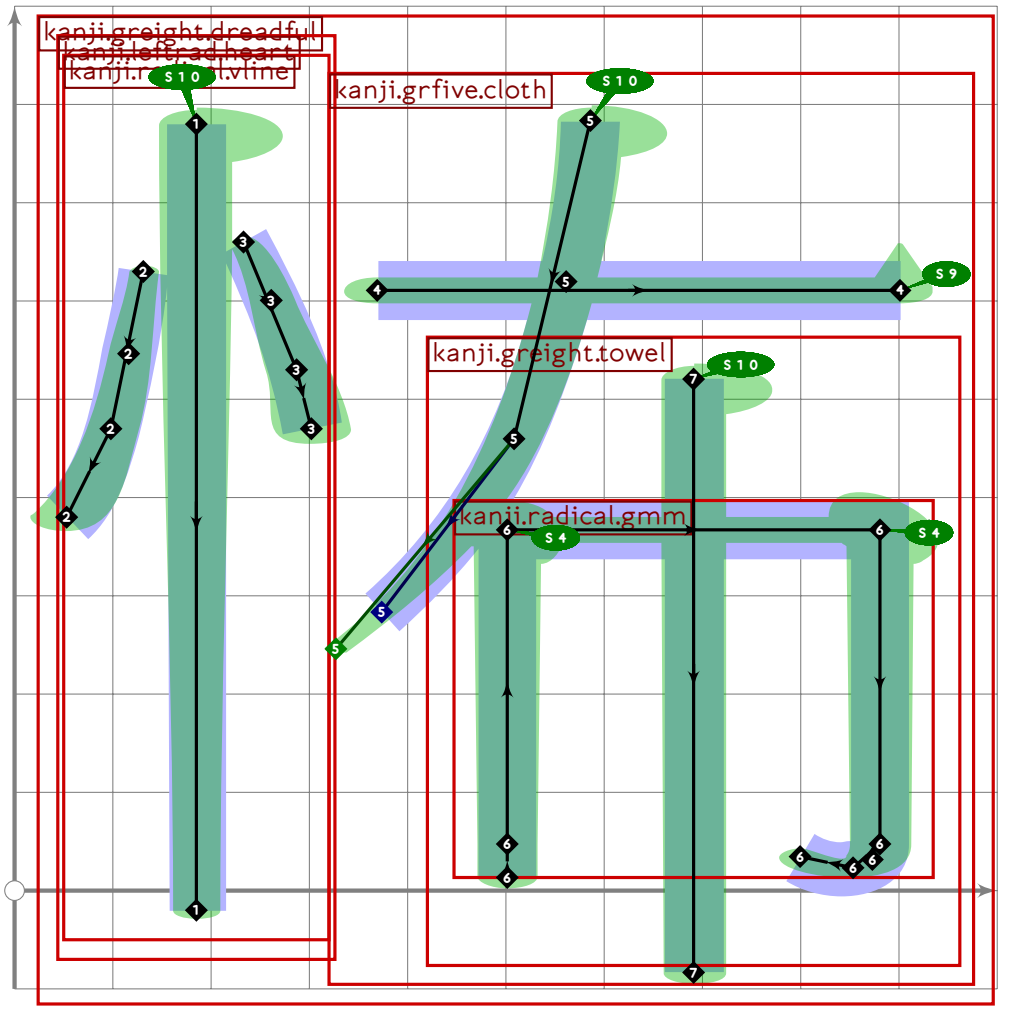



```
116
117 vardef  kanji.greight.be_offended =
118   push_pbox_toexpand("kanji.greight.be_offended");
119   build_kanji.level(build_kanji.tb(390,40)
120     (kanji.greight.guy)
121     (kanji.bottomrad.heart));
122   expand_pbox;
123 enddef;
```

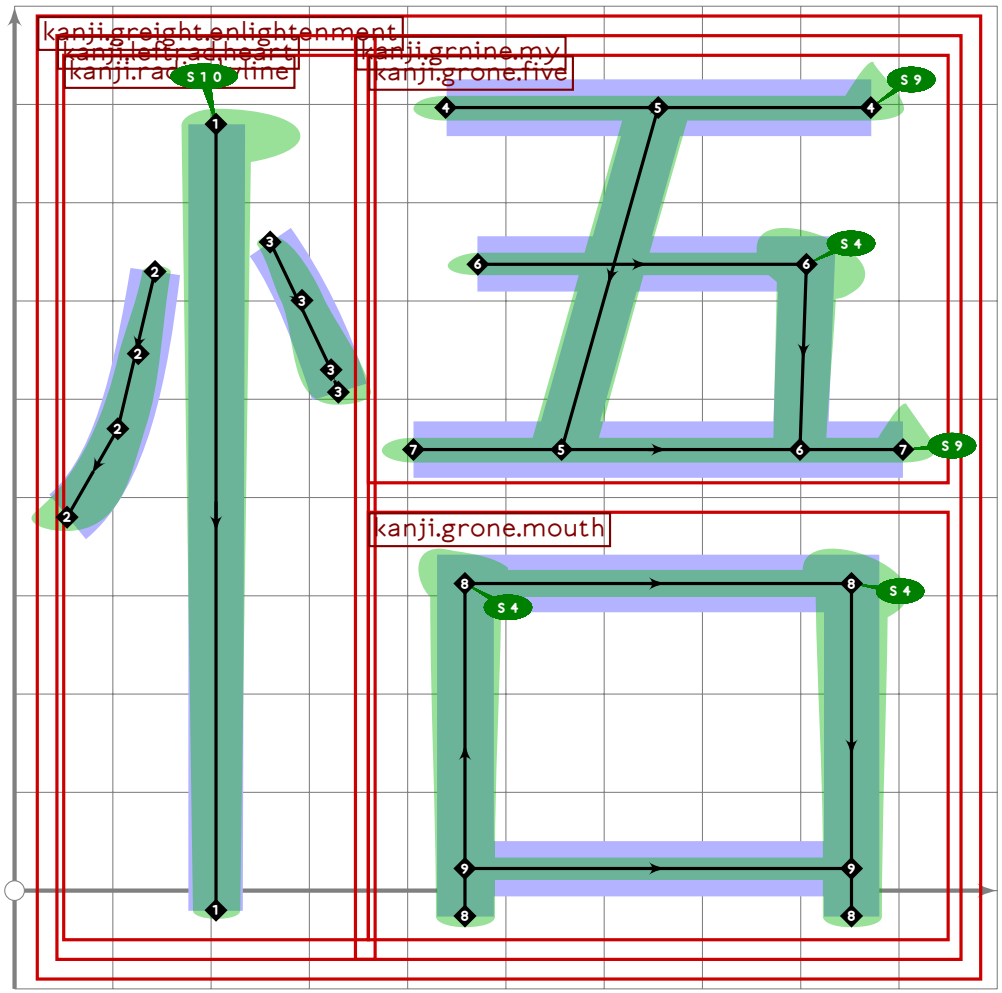



```
124
125 vardef  kanji.greight.desire  =
126   push_pbox_toexpand("kanji.greight.desire");
127   build_kanji.level(build_kanji.tb(420,30)
128     (kanji.grnine.again)
129     (kanji.bottomrad.heart));
130   expand_pbox;
131 enddef;
```

U+6016
tsuku.uni6016

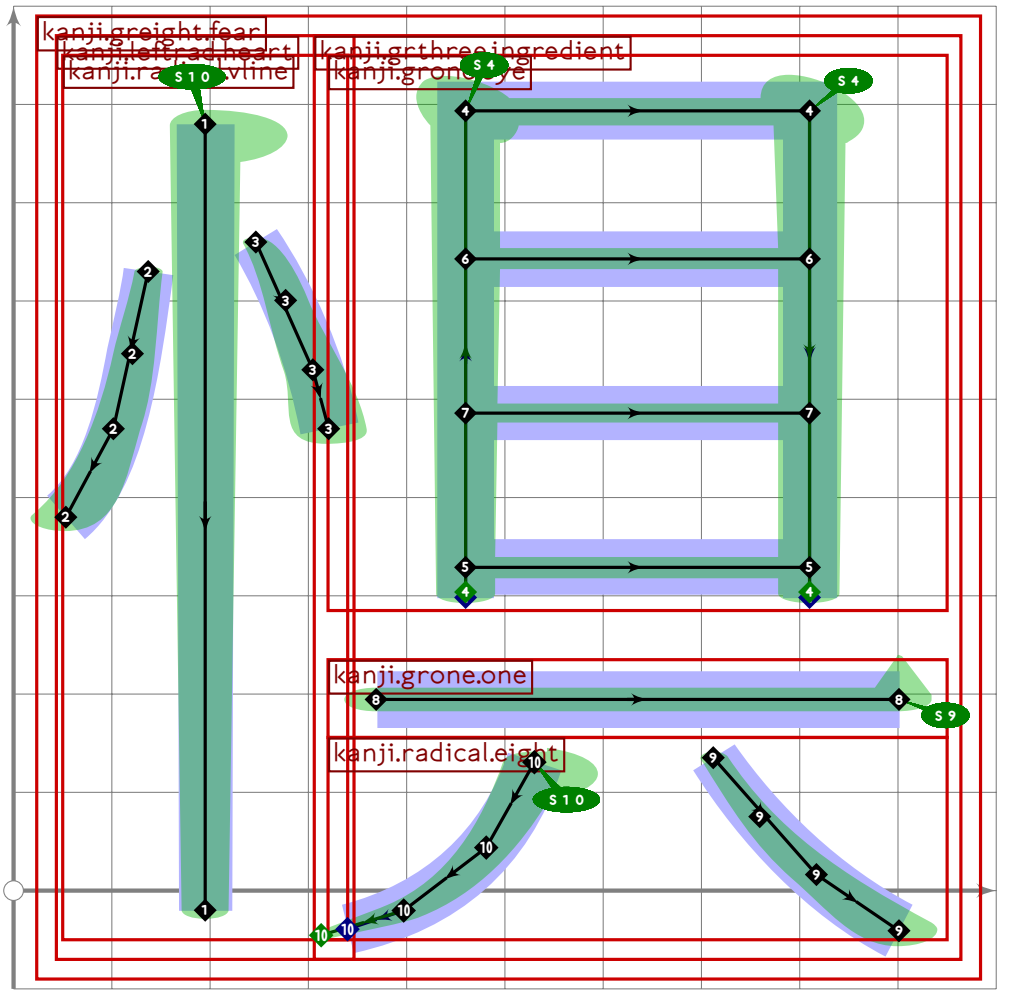



```
132
133 vardef  kanji.greight.dreadful =
134   push_pbox_toexpand("kanji.greight.dreadful");
135   build_kanji.level(build_kanji.lr(320,0)
136     (kanji.leftrad.heart)
137     (build_kanji.sscale(yscaled  0.96)(kanji.grfive.cloth)));
138   expand_pbox;
139 enddef;
```

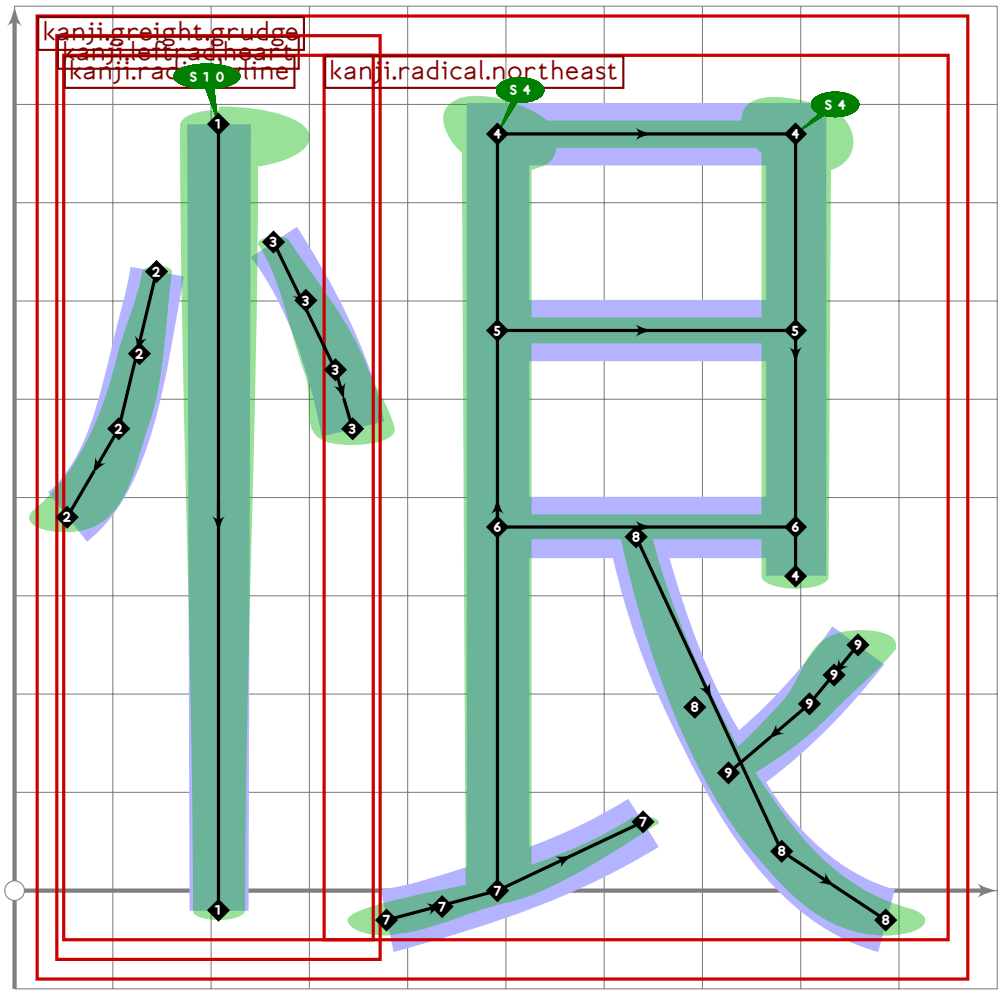



```
vardef kanji.greight.enlightenment =
  push_pbox_toexpand("kanji.greight.enlightenment");
  build_kanji.level(build_kanji.lr(360,0)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.4) of oldp);
     replace_strokeq(0)(subpath (0,1.4) of oldq))
    (kanji.grnine.my));
  expand_pbox;
enddef;
```

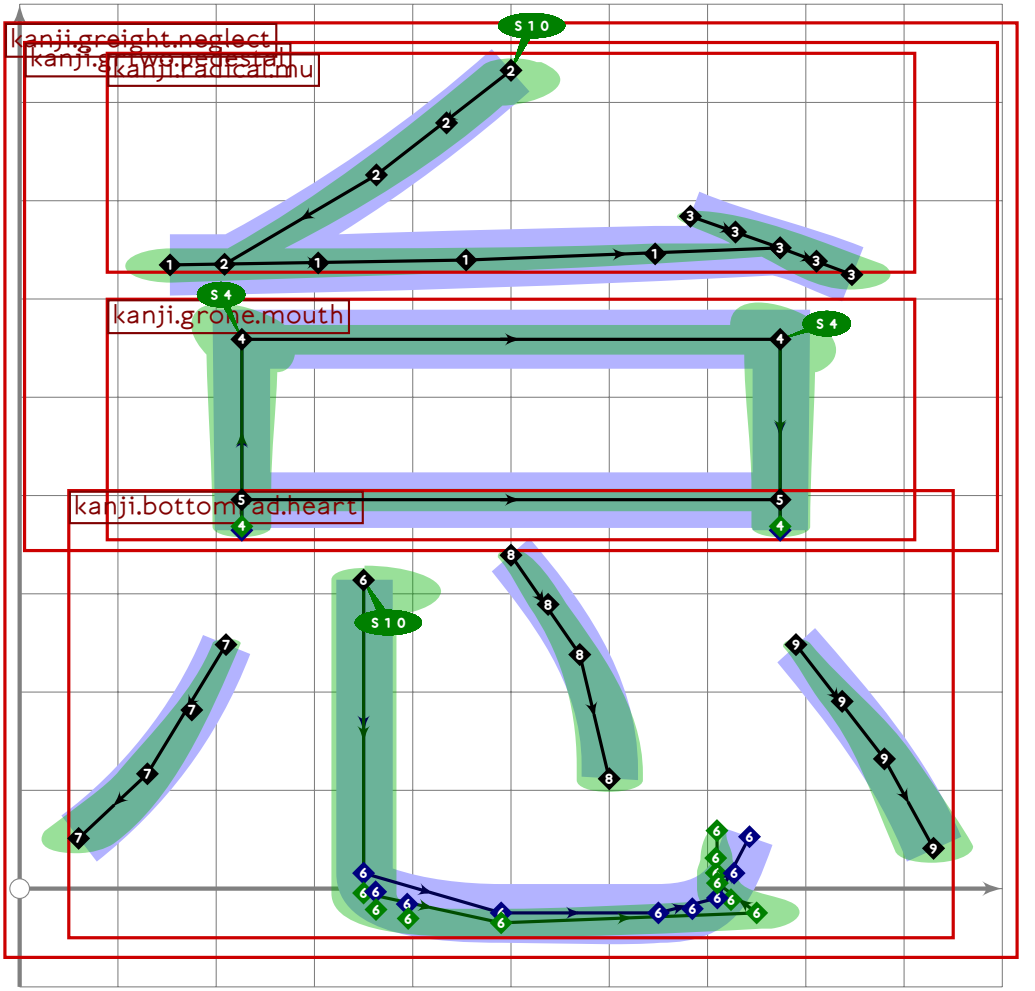
U+60E7
tsuku.uni60E7



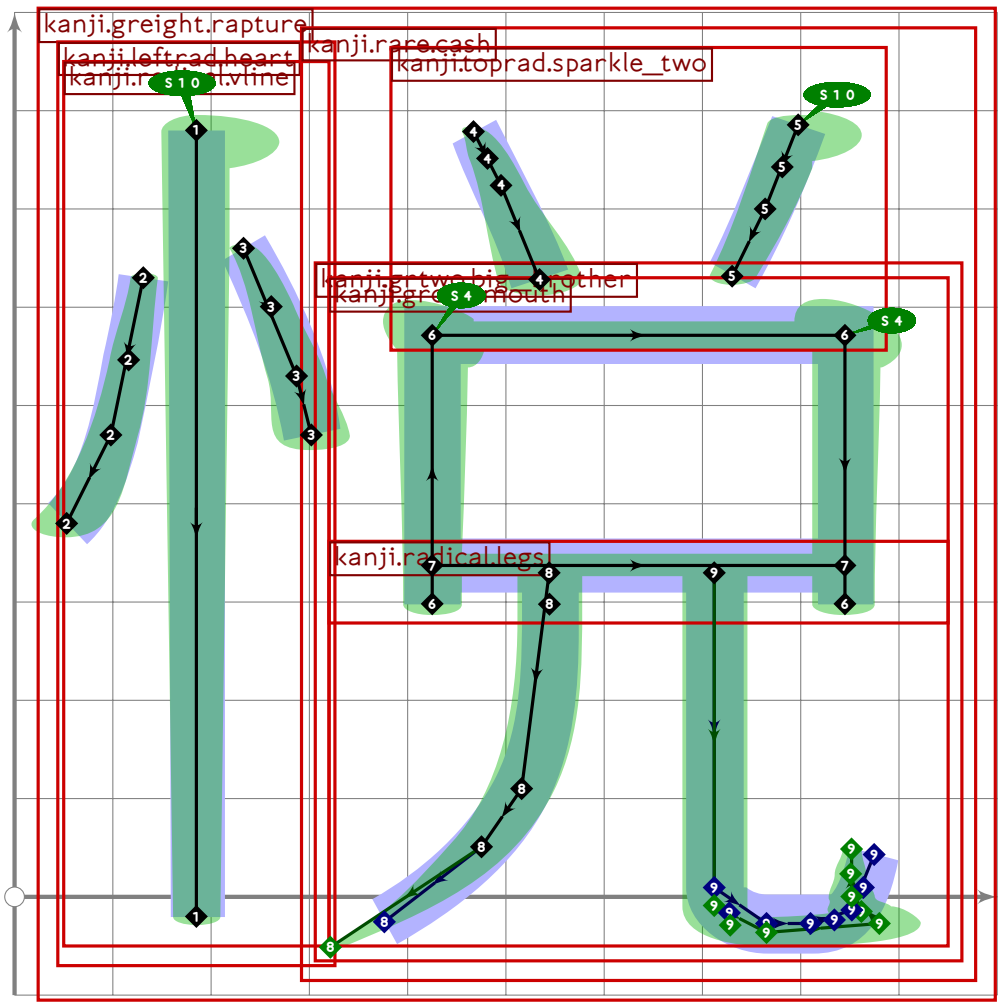

```
150
151 vardef  kanji.greight.fear =
152   push_pbox_toexpand("kanji.greight.fear");
153   build_kanji.level(build_kanji.lr(330,20)
154     (kanji.leftrad.heart)
155     (kanji.grthree.ingredient));
156   expand_pbox;
157 enddef;
```



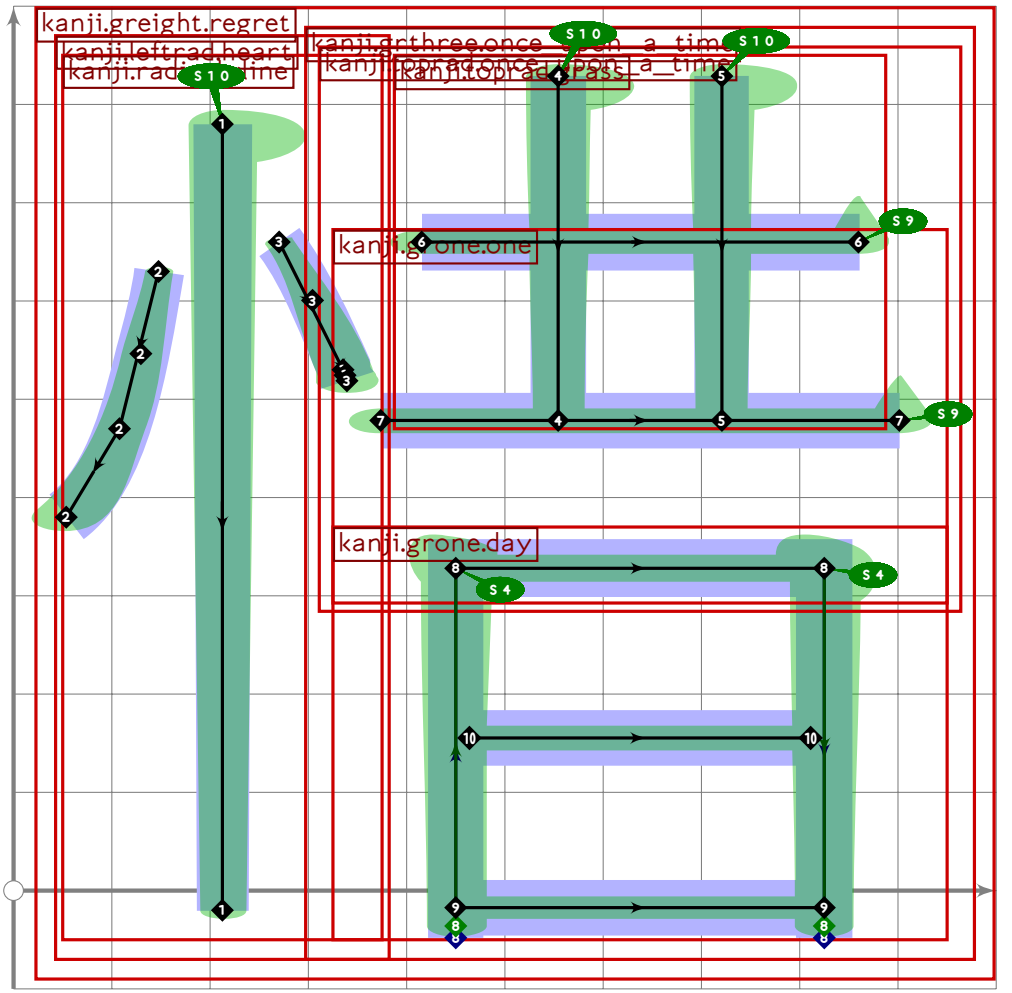

```
158
159 vardef  kanji.greight.grudge =
160   push_pbox_toexpand("kanji.greight.grudge");
161   build_kanji.level(build_kanji.lr(340,50)
162     (kanji.leftrad.heart)
163     (kanji.radical.northeast));
164   expand_pbox;
165 enddef;
```



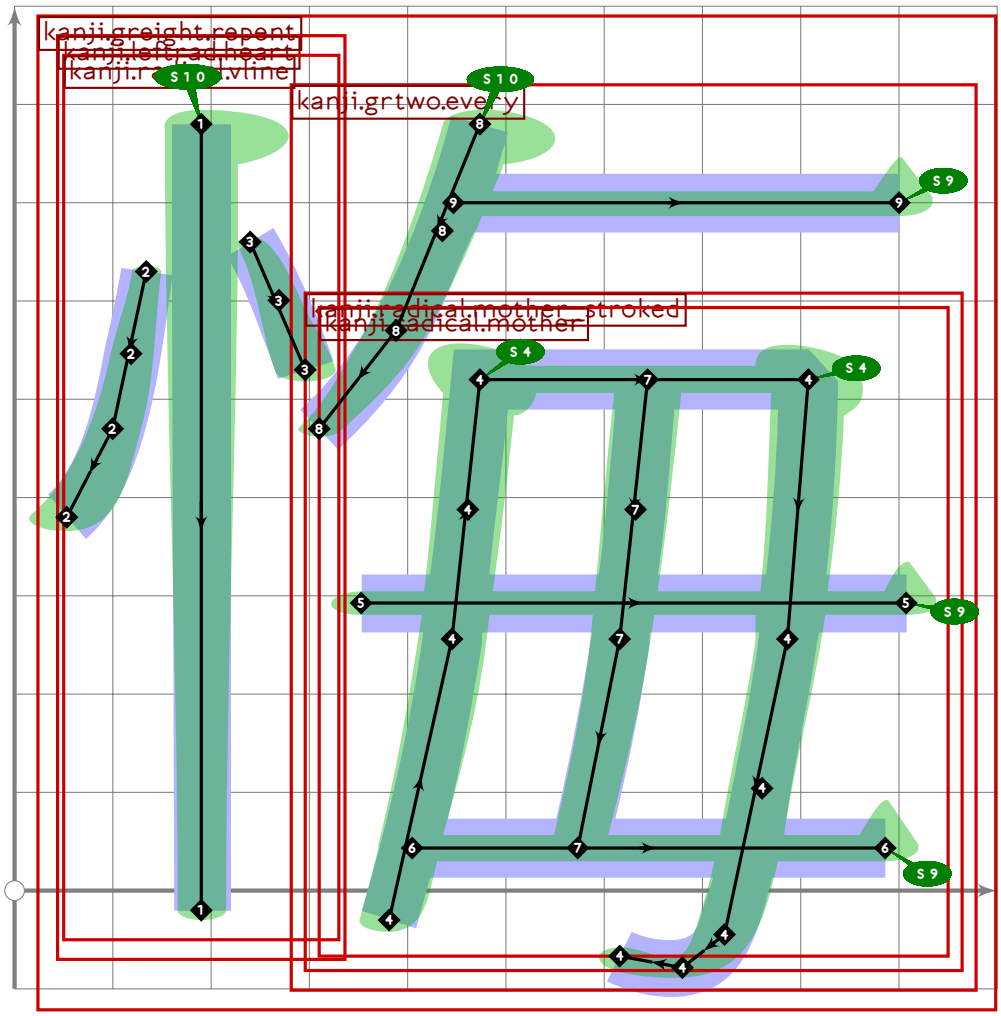

```
166
167 vardef  kanji.greight.neglect  =
168   push_pbox_toexpand("kanji.greight.neglect");
169   build_kanji.level(build_kanji.tb(380,50)
170     (build_kanji.sscale(xscaled  1.1)(kanji.grtwo.pedestal))
171     (kanji.bottomrad.heart));
172   expand_pbox;
173 enddef;
```




```
174
175 vardef  kanji.greight.rapture =
176   push_pbox_toexpand("kanji.greight.rapture");
177   build_kanji.level(build_kanji.lr(320,0)
178     (kanji.leftrad.heart)
179     (kanji.rare.cash));
180   expand_pbox;
181 enddef;
```

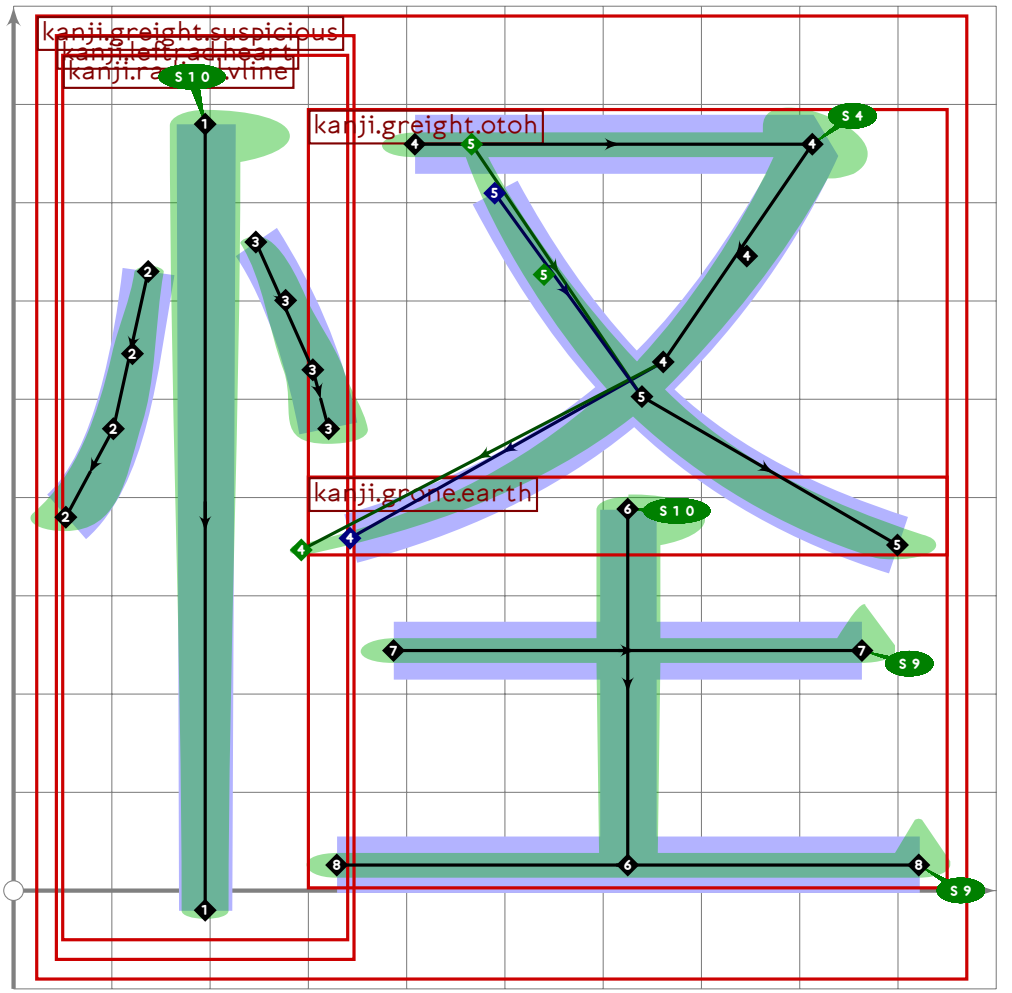



```
vardef kanji.greight.regret =
  push_pbox_toexpand("kanji.greight.regret");
  build_kanji.level(build_kanji.lr(350,50)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.2) of oldp);
     replace_strokeq(0)(subpath (0,1.2) of oldq))
    (kanji.grthree.once_upon_a_time));
  expand_pbox;
enddef;
```

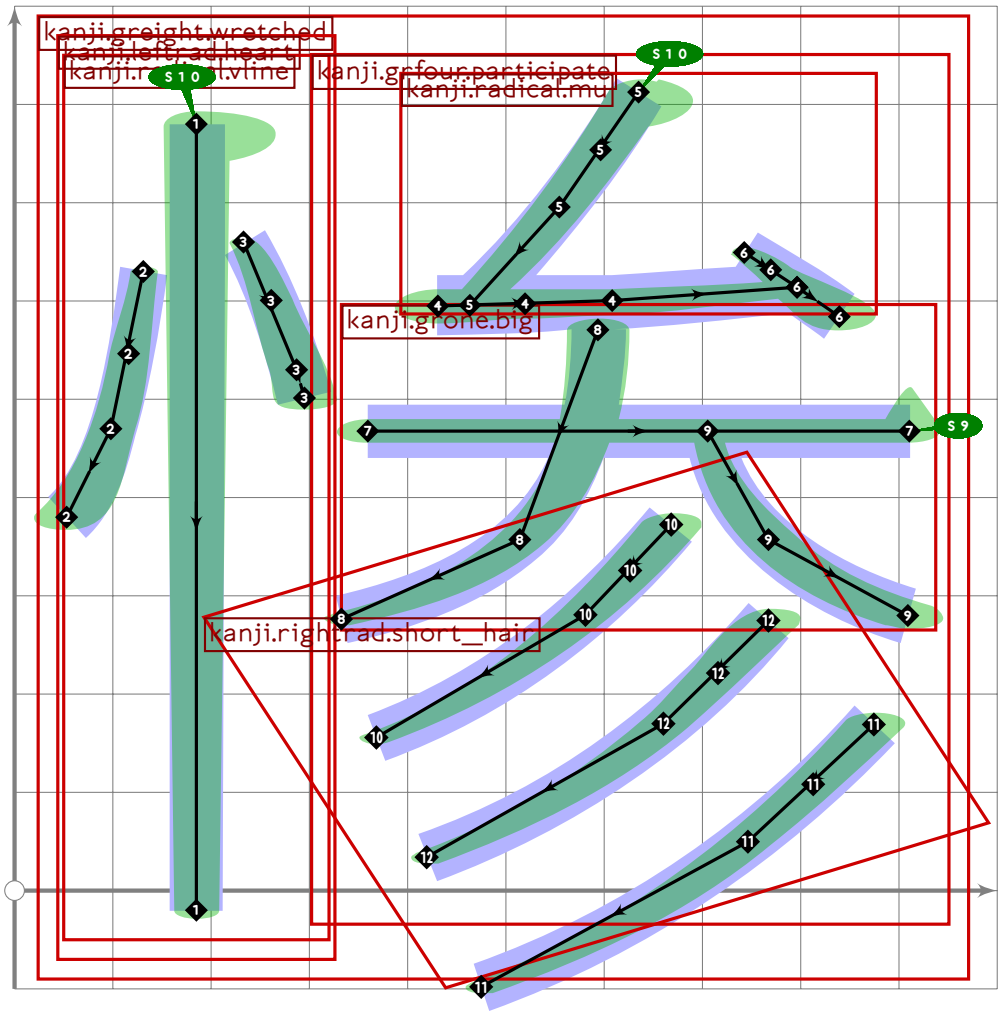



```
192
193 vardef kanji.greight.repent =
194   push_pbox_toexpand("kanji.greight.repent");
195   build_kanji.level(build_kanji.lr(320,20)
196     (kanji.leftrad.heart;
197       replace_strokep(0)(subpath (0,1) of oldp);
198       replace_strokeq(0)(subpath (0,1) of oldq))
199     (build_kanji.sscale(shifted (0,-30))(kanji.grtwo.every)));
200   expand_pbox;
201 enddef;
```

U+602A
tsuku.uni602A

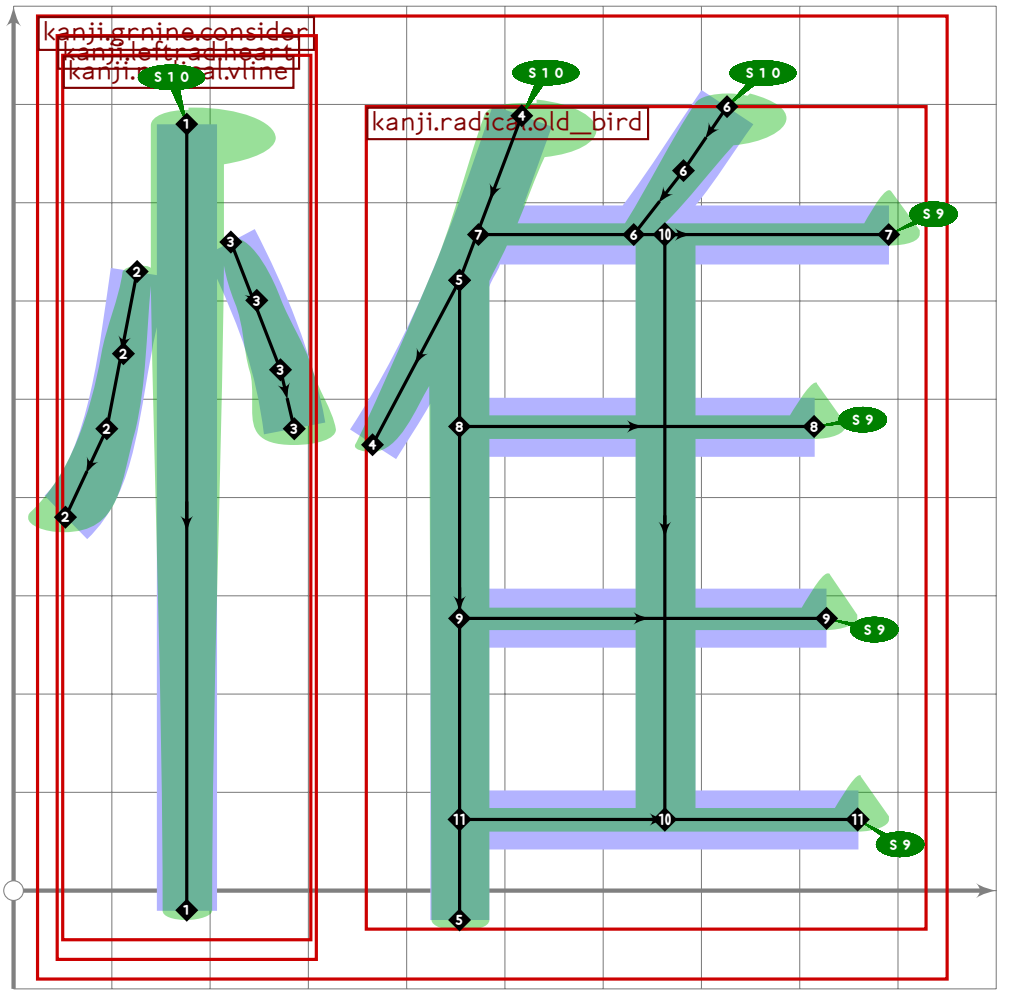



```
202
203 vardef  kanji.greight.suspicious =
204   push_pbox_toexpand("kanji.greight.suspicious");
205   build_kanji.level(build_kanji.lr(320,40)
206     (kanji.leftrad.heart)
207     (build_kanji.sscale(yscaled  0.88)(build_kanji.tb(380,90)
208         (kanji.greight.otoh)
209         (kanji.grone.earth))));
210   expand_pbox;
211 enddef;
```

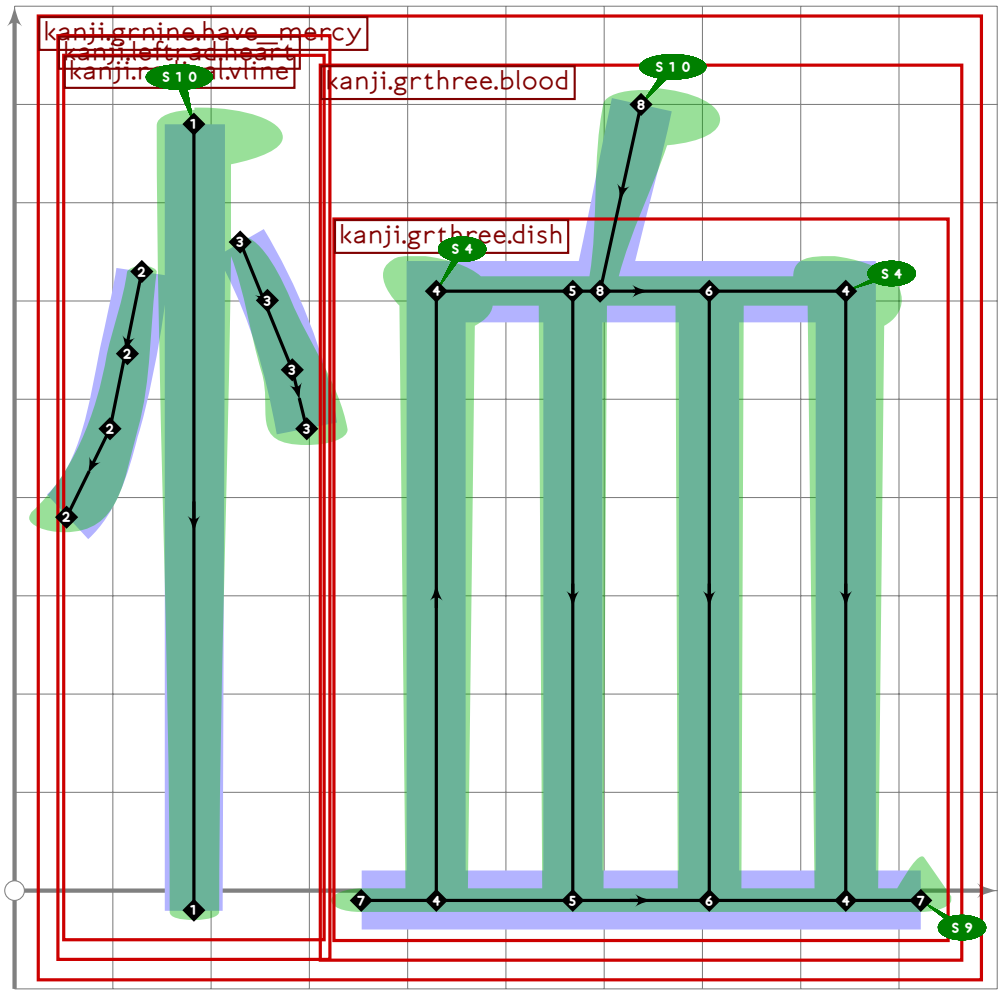



```
212
213 vardef kanji.greight.wretched =
214   push_pbox_toexpand("kanji.greight.wretched");
215   build_kanji.level(build_kanji.lr(320,0)
216     (kanji.leftrad.heart;
217      replace_strokep(0)(subpath (0,1.5) of oldp);
218      replace_strokeq(0)(subpath (0,1.5) of oldq))
219     (build_kanji.sscale(scaled 0.96)(kanji.grfour.participate)));
220   expand_pbox;
221 enddef;
222
223 ---------------------------------------------------------------
```

U+60DF
tsuku.uni60DF

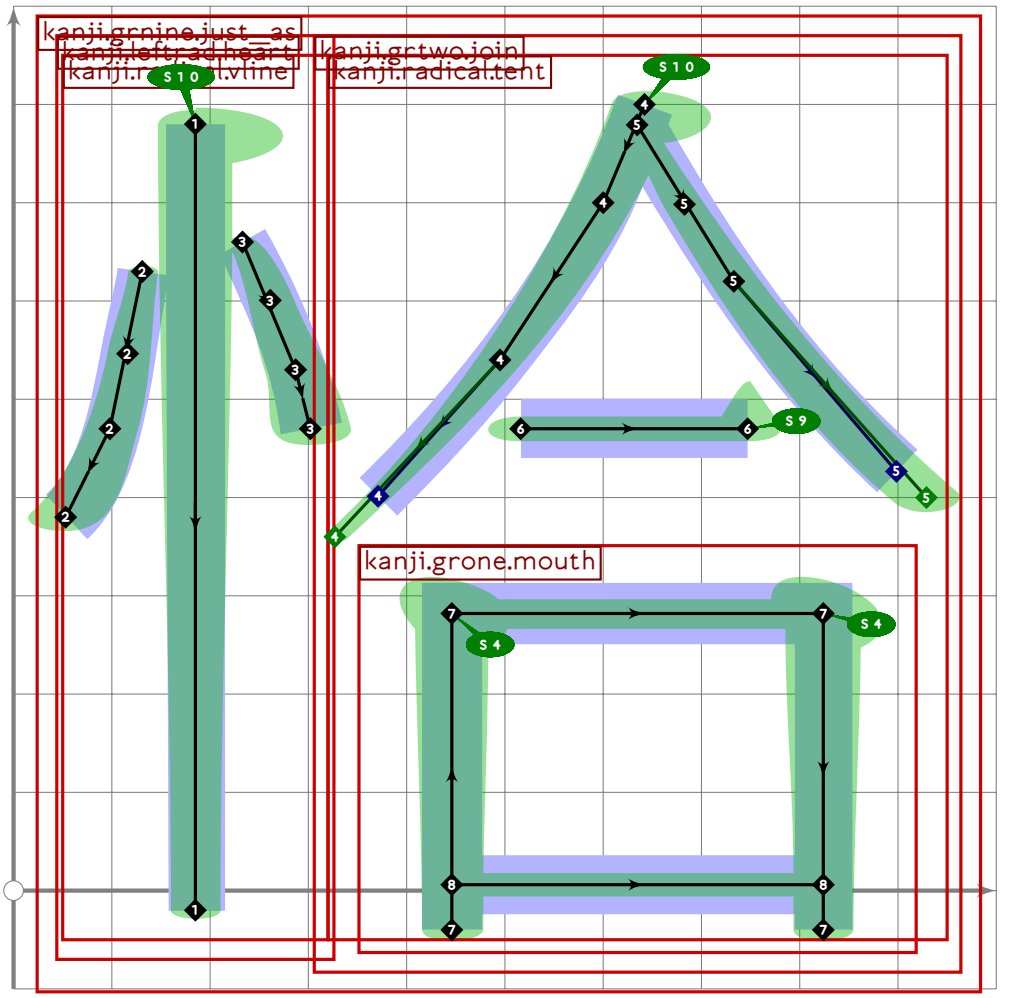



```
224
225 vardef  kanji.grnine.consider =
226   push_pbox_toexpand("kanji.grnine.consider");
227   build_kanji.level(build_kanji.lr(320,-35)
228     (kanji.leftrad.heart)
229     (build_kanji.sscale(scaled  0.93  shifted  (0,-20))
230         (kanji.radical.old_bird)));
231   expand_pbox;
232 enddef;
```

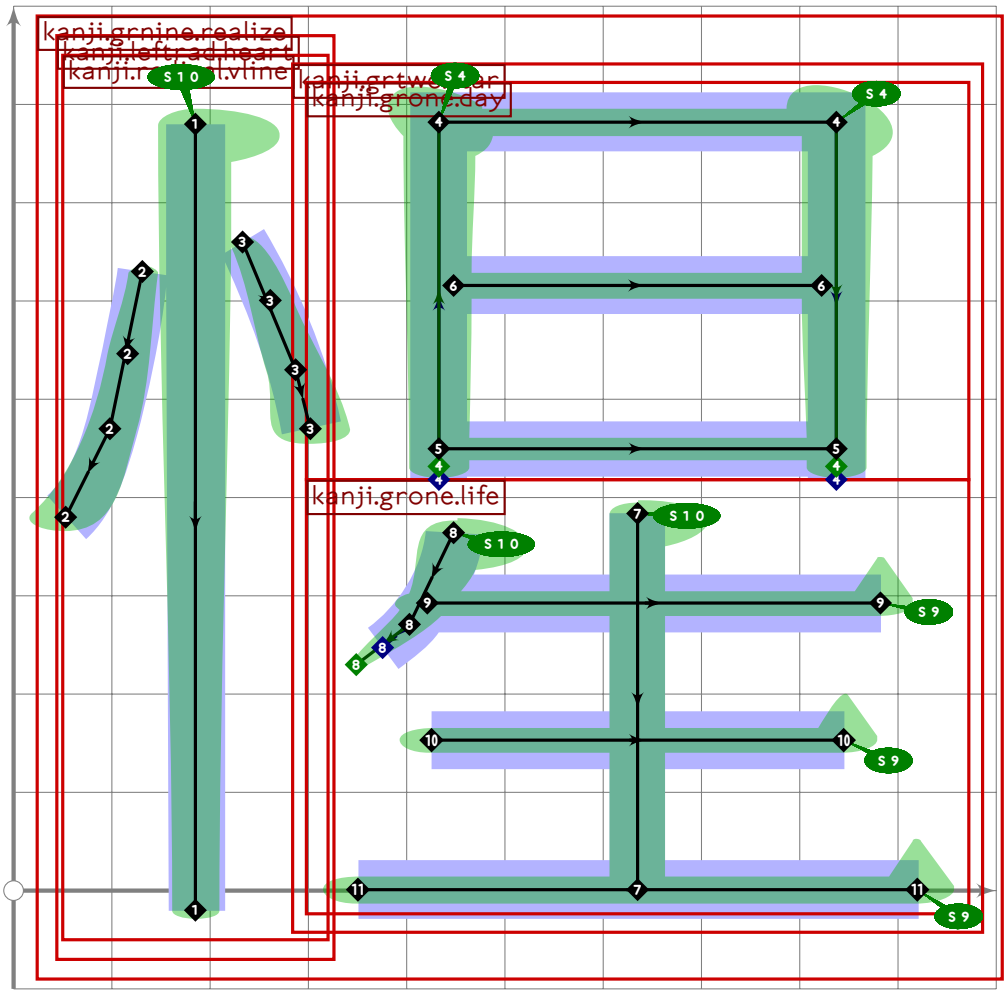



```
233
234 vardef kanji.grnine.have_mercy =
235   push_pbox_toexpand("kanji.grnine.have_mercy");
236   build_kanji.level(build_kanji.lr(320,-10)
237     (kanji.leftrad.heart)
238     (build_kanji.sscale(shifted (0,-10))(kanji.grthree.blood)));
239   expand_pbox;
240 enddef;
```

U+6070
tsuku.uni6070

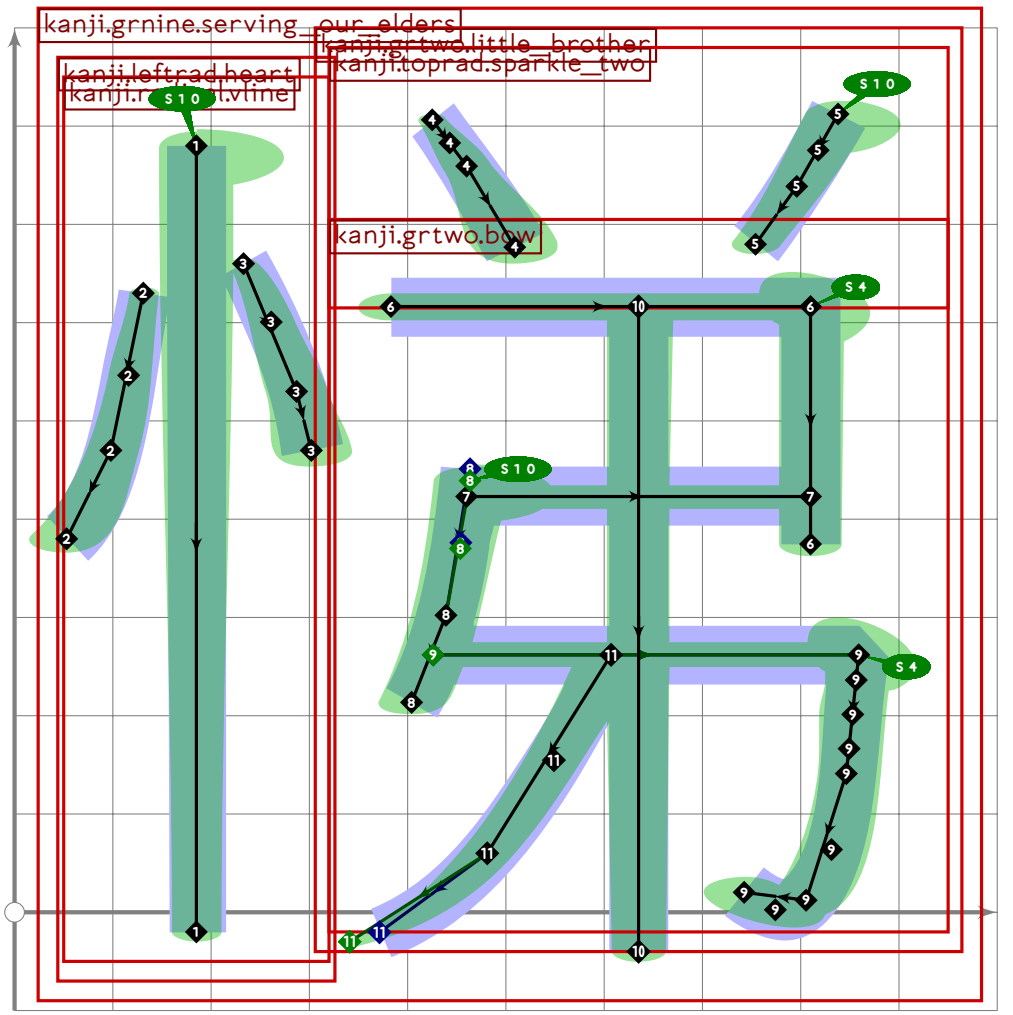



```
241
242 vardef  kanji.grnine.just_as =
243   push_pbox_toexpand("kanji.grnine.just_as");
244   build_kanji.level(build_kanji.lr(320,0)
245     (kanji.leftrad.heart)
246     (kanji.grtwo.join));
247   expand_pbox;
248 enddef;
```

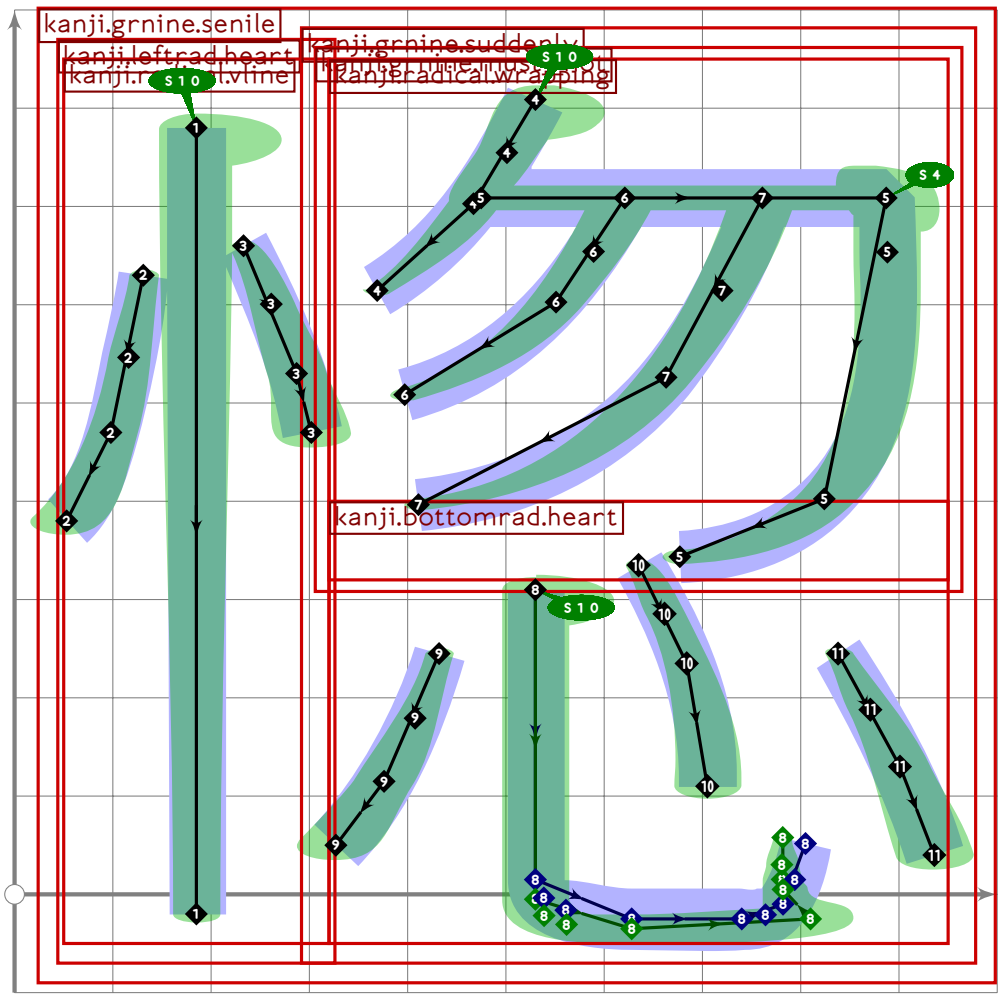



```
249
250 vardef  kanji.grnine.realize =
251   push_pbox_toexpand("kanji.grnine.realize");
252   build_kanji.level(build_kanji.lr(320,0)
253     (kanji.leftrad.heart)
254     (build_kanji.sscale(yscaled  0.94)(kanji.grtwo.star)));
255   expand_pbox;
256 enddef;
```

U+608C
tsuku.uni608C

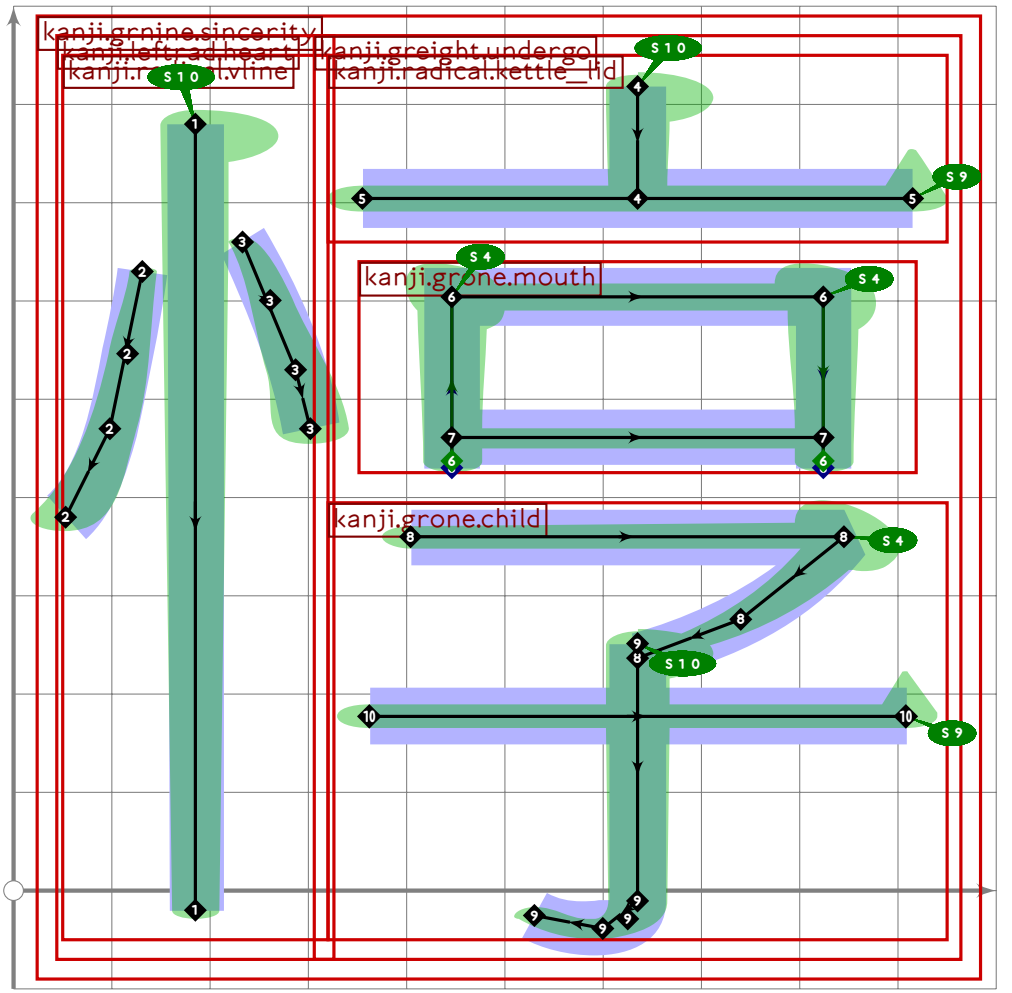



```
257
258 vardef kanji.grnine.serving_our_elders =
259   push_pbox_toexpand("kanji.grnine.serving_our_elders");
260   build_kanji.level(build_kanji.lr(320,0)
261     (kanji.leftrad.heart)
262     (build_kanji.sscale(shifted (0,30))(kanji.grtwo.little_brother)));
263   expand_pbox;
264 enddef;
```

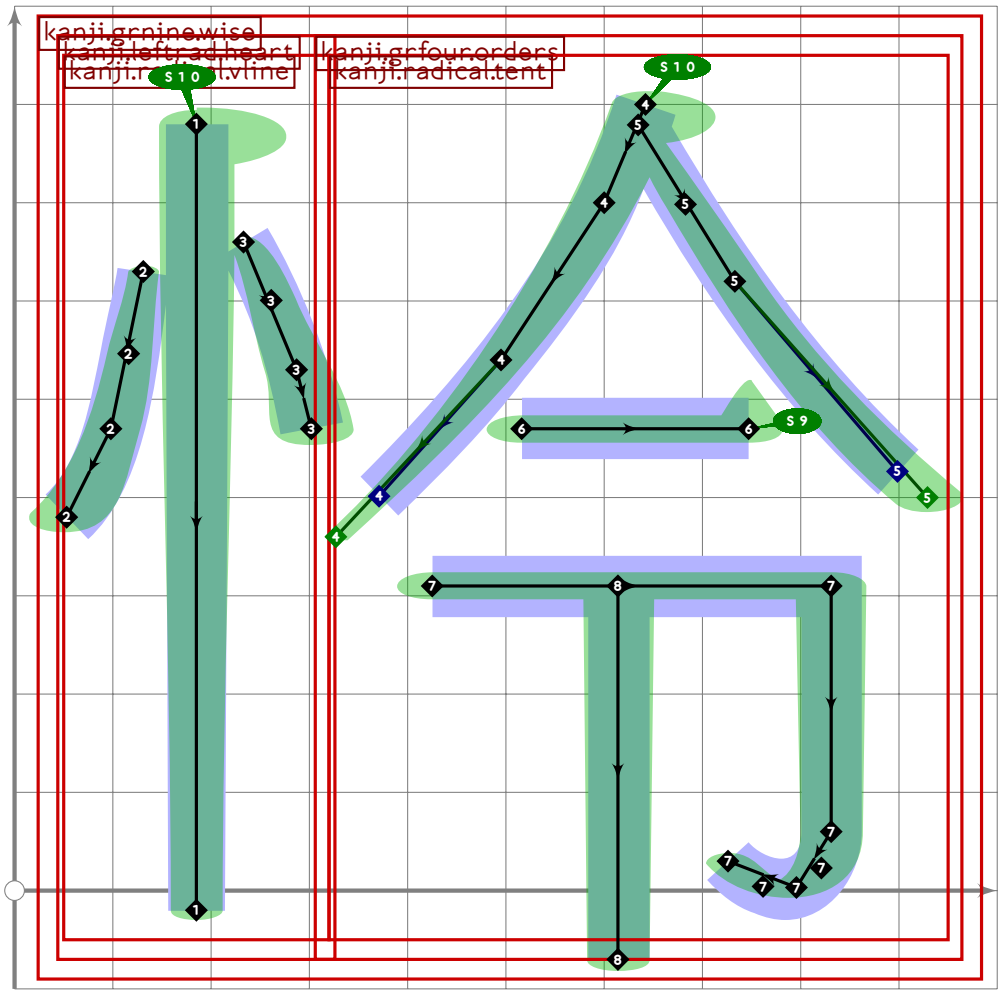



```
265
266 vardef  kanji.grnine.senile =
267   push_pbox_toexpand("kanji.grnine.senile");
268   build_kanji.level(build_kanji.lr(320,0)
269     (kanji.leftrad.heart)
270     (kanji.grnine.suddenly));
271   expand_pbox;
272 enddef;
```

U+60C7
tsuku.uni60C7

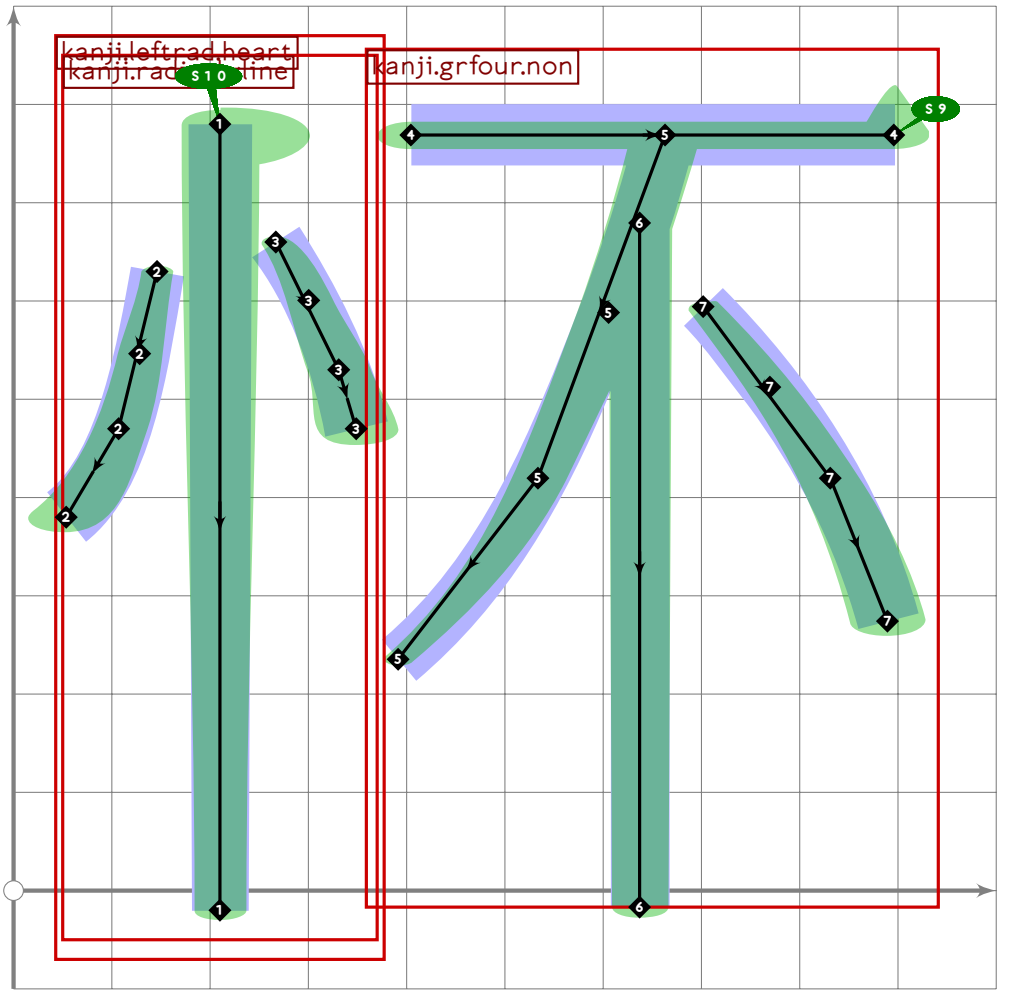



```
273
274 vardef kanji.grnine.sincerity =
275   push_pbox_toexpand("kanji.grnine.sincerity");
276   build_kanji.level(build_kanji.lr(320,0)
277     (kanji.leftrad.heart)
278     (kanji.greight.undergo));
279   expand_pbox;
280 enddef;
```



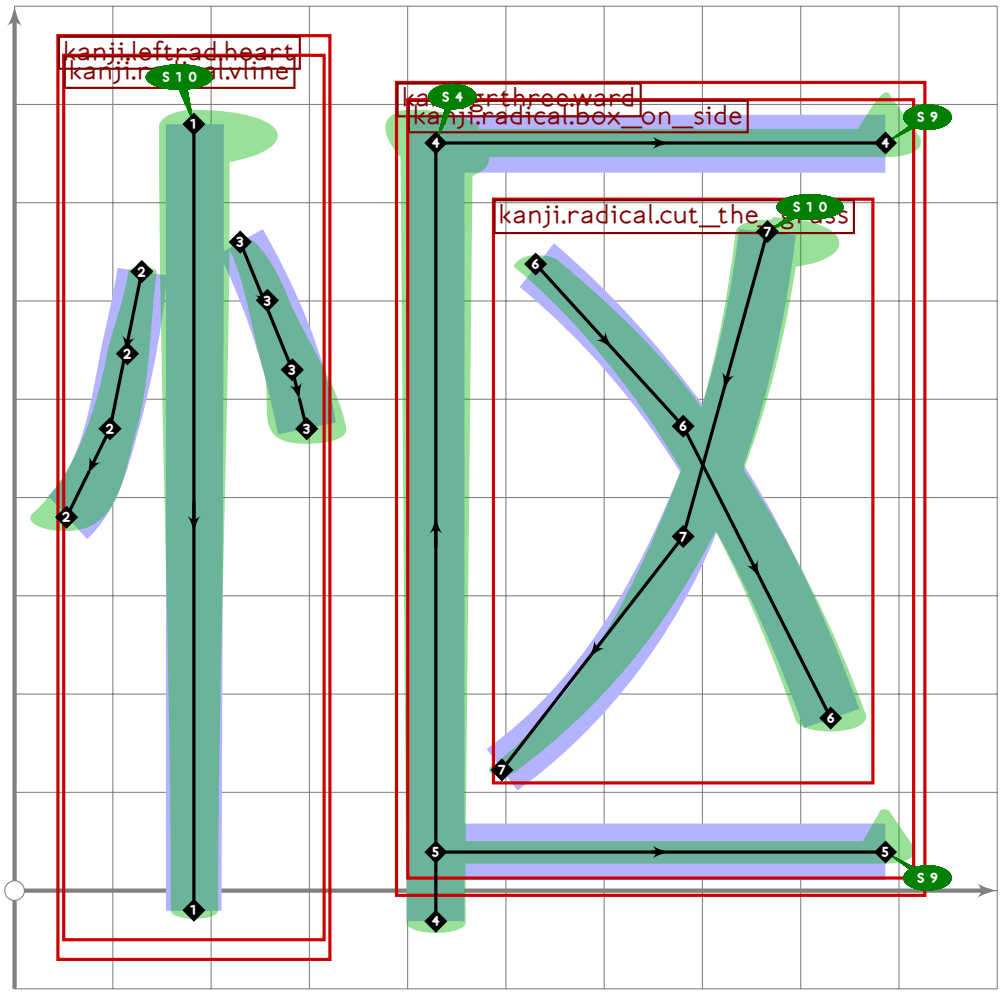

```
281
282 vardef  kanji.grnine.wise =
283   push_pbox_toexpand("kanji.grnine.wise");
284   build_kanji.level(build_kanji.lr(320,0)
285     (kanji.leftrad.heart)
286     (kanji.grfour.orders));
287   expand_pbox;
288 enddef;
289
290 ---------------------------------------------------------------
291
```

U+6000
tsuku.uni6000




```
% extra
begintsuglyph("uni6000",0);
  build_kanji.level(build_kanji.lr(360,20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.97 shifted (0,20))(kanji.grfour.non)));
  tsu_render;
endtsuglyph;

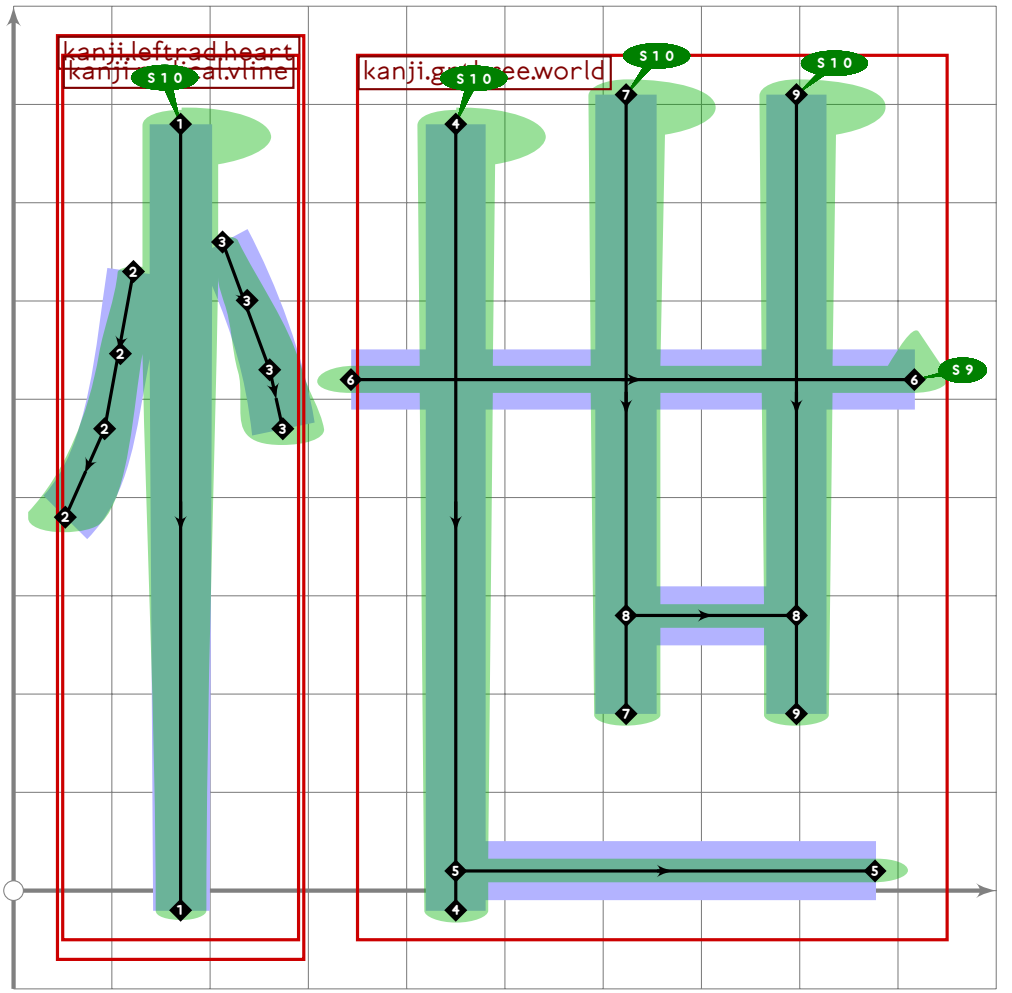
```




```
% extra
begintsuglyph("uni6004",4);
  build_kanji.level(build_kanji.lr(340,-50)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.88 shifted (0,10))(kanji.grthree.ward)));
  tsu_render;
endtsuglyph;

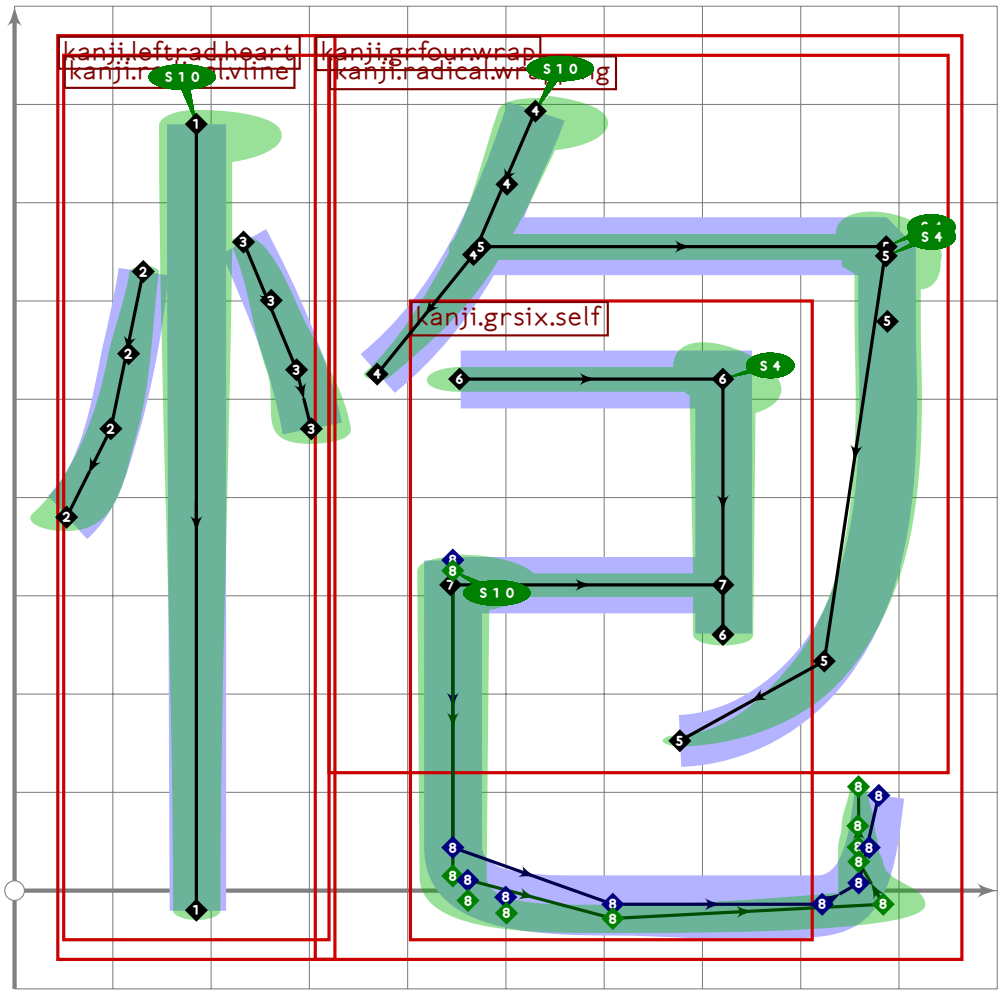
```

U+6008
tsuku.uni6008




```
% extra
begintsuglyph("uni6008",8);
  build_kanji.level(build_kanji.lr(320,-60)
    (kanji.leftrad.heart)
    (kanji.grthree.world));
  tsu_render;
endtsuglyph;

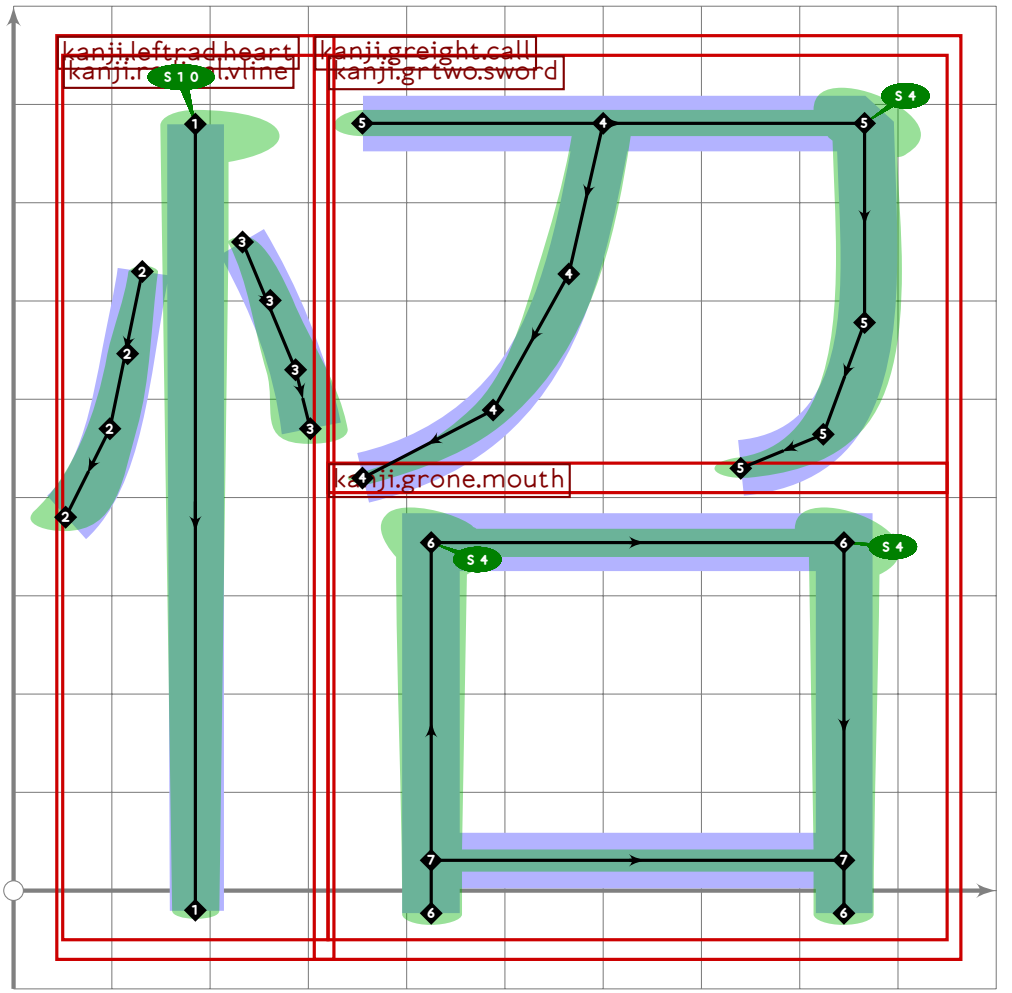
```




```
% extra
begintsuglyph("uni6009",9);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfourwrap));
  tsu_render;
endtsuglyph;

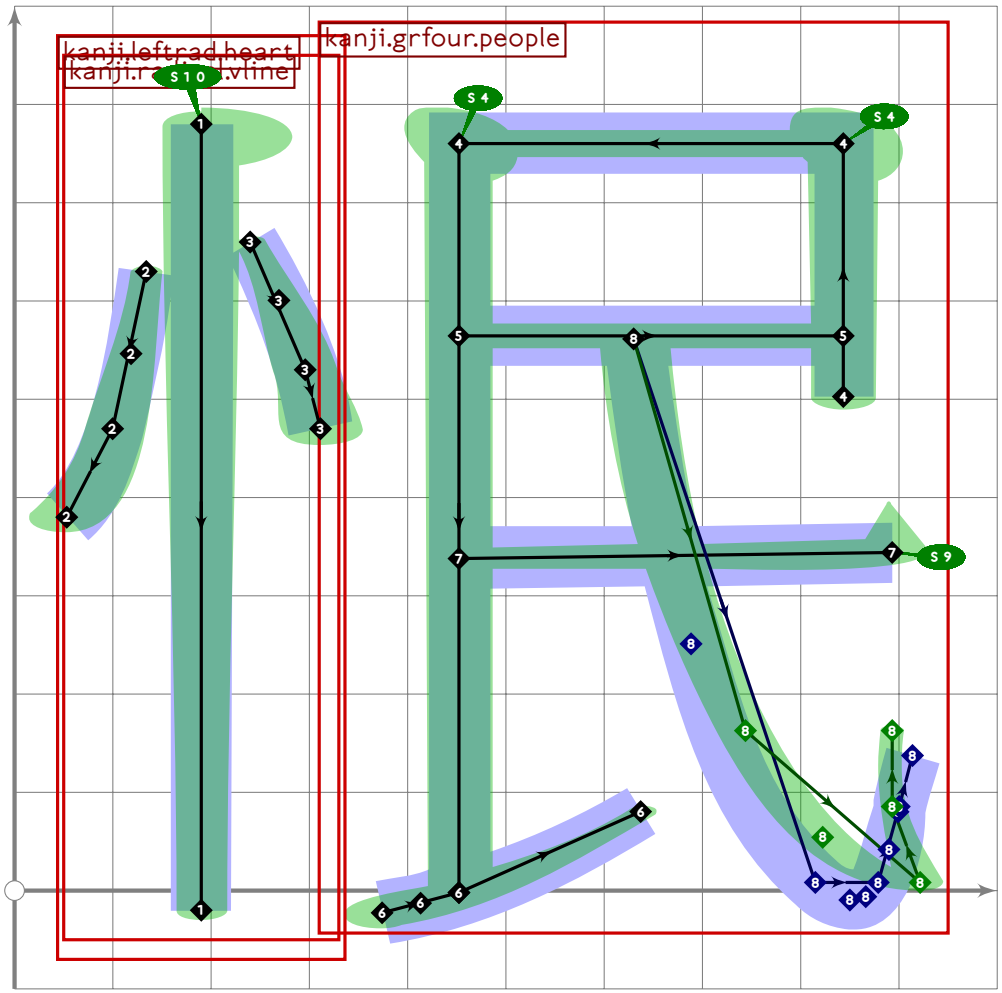
```

U+600A
tsuku.uni600A




```
% chou/kanashimu "grieve"
begintsuglyph("uni600A",10);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.greight.call));
  tsu_render;
endtsuglyph;

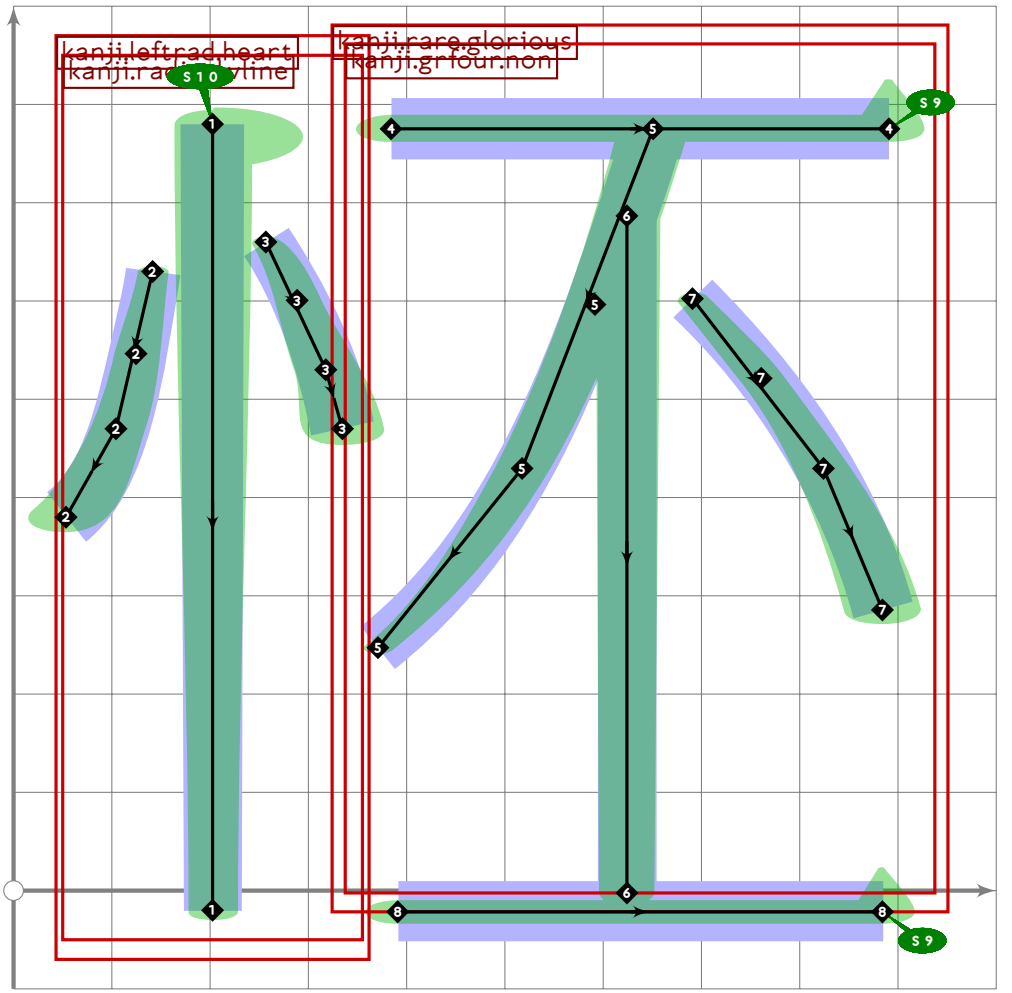
```




```
% extra
begintsuglyph("uni600B",11);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 1.03 shifted (0,20))(kanji.grfour.people)));
  tsu_render;
endtsuglyph;

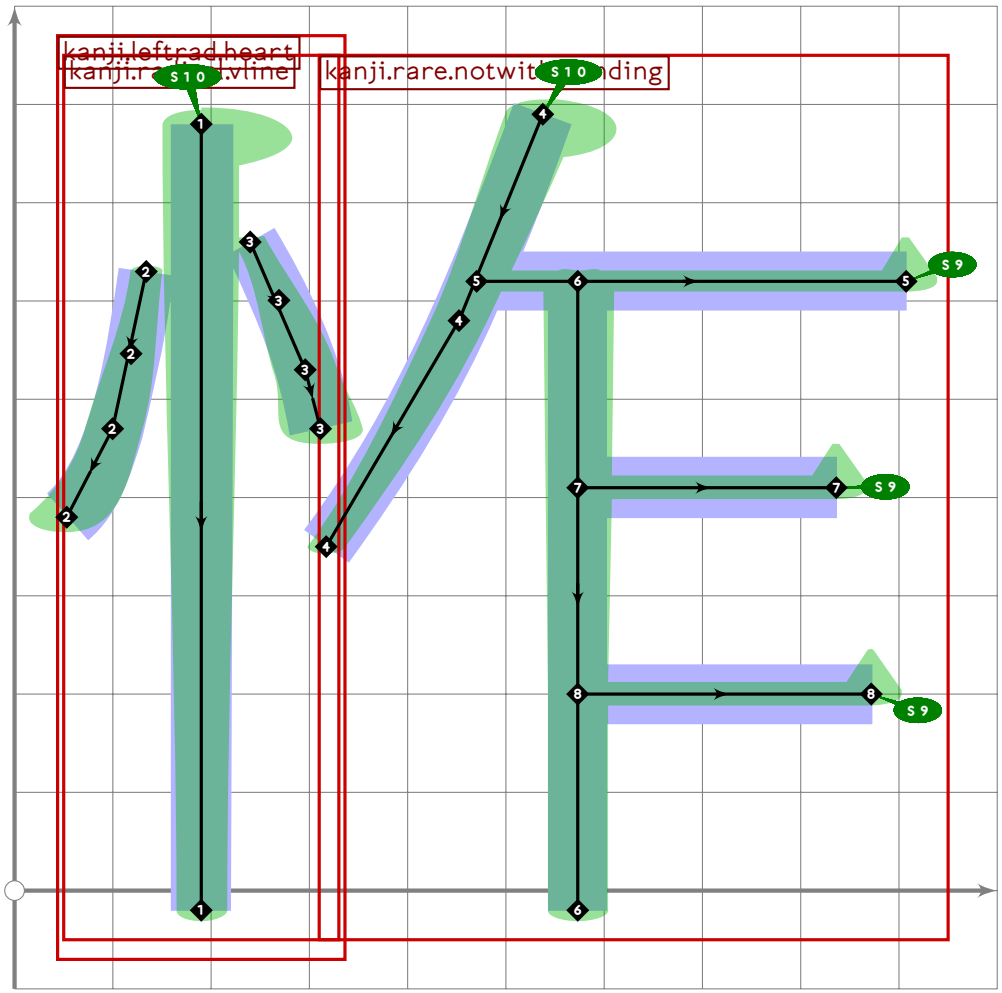
```

U+600C
tsuku.uni600C




```
% extra
begintsuglyph("uni600C",12);
  build_kanji.level(build_kanji.lr(340,30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.96 shifted (0,30))(kanji.rare.glorious)));
  tsu_render;
endtsuglyph;

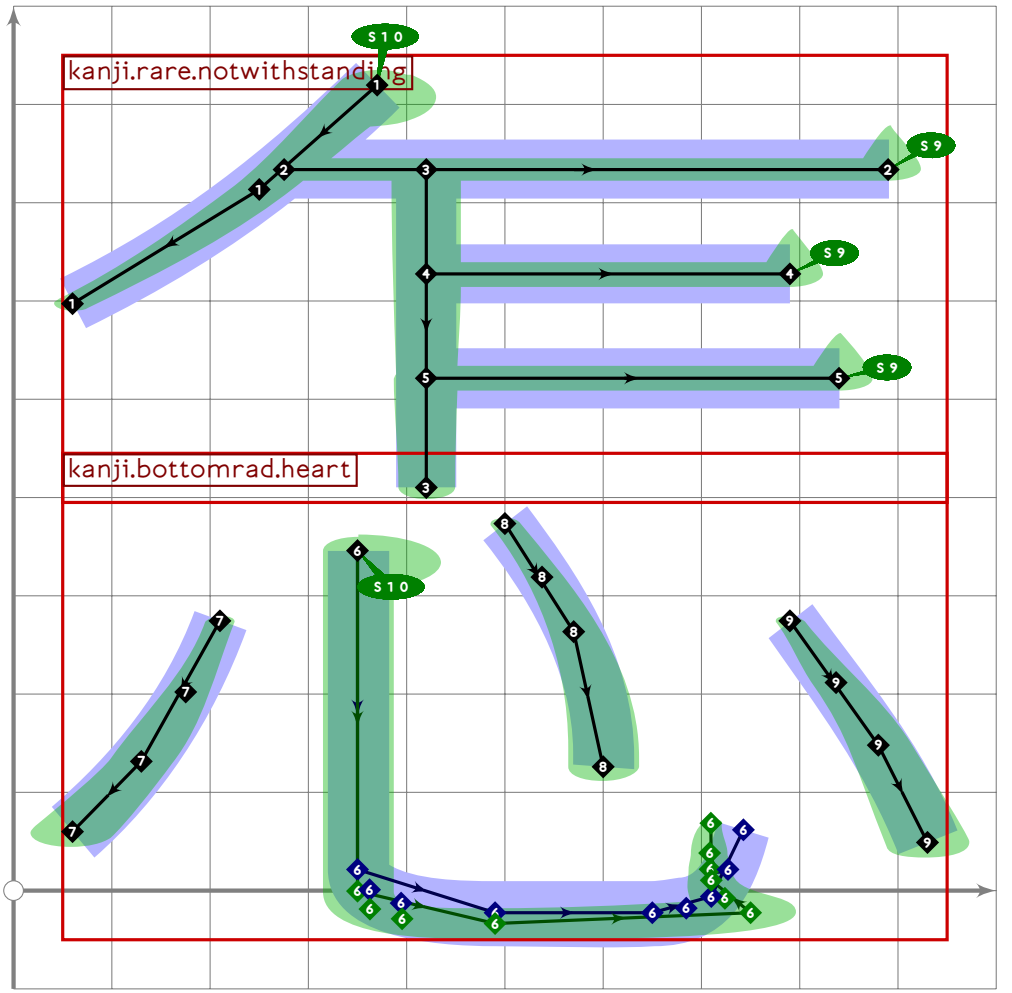
```




```
% extra
begintsuglyph("uni600D",13);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.rare.notwithstanding));
  tsu_render;
endtsuglyph;

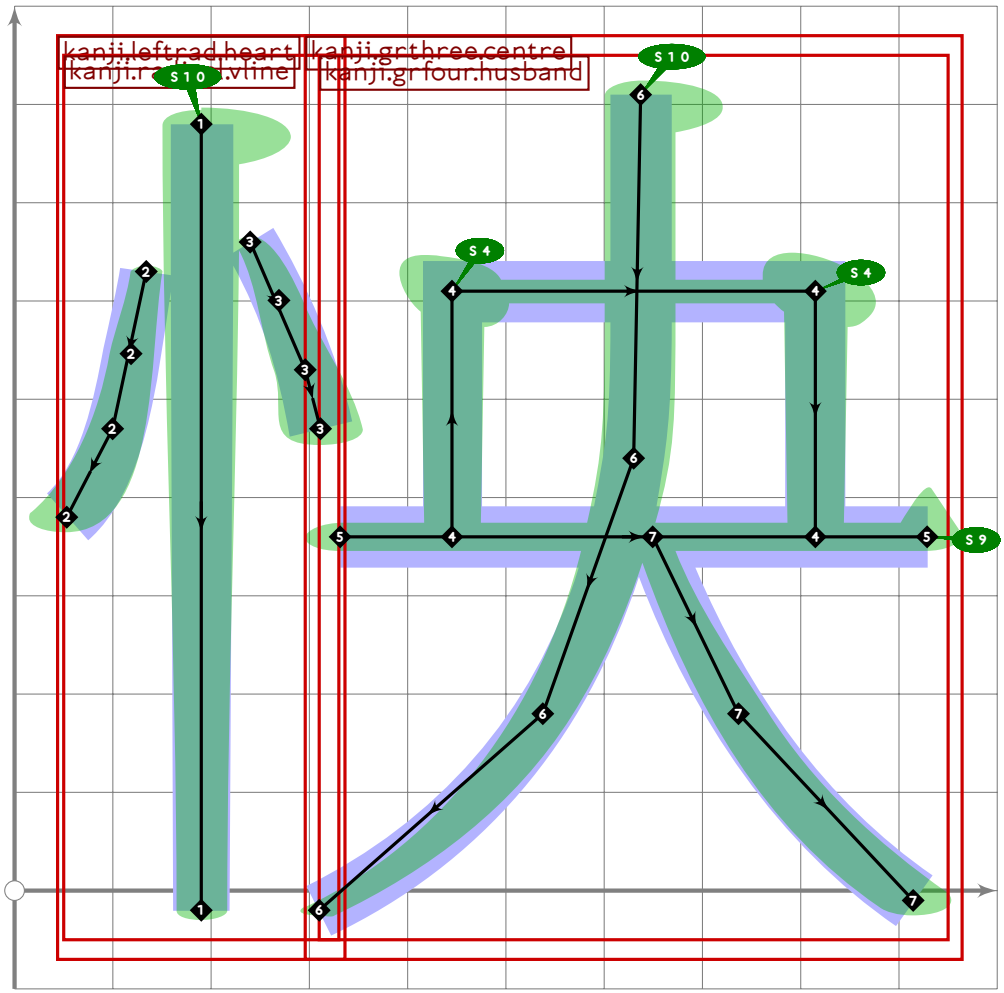
```

U+600E
tsuku.uni600E




```
% extra
begintsuglyph("uni600E",14);
  build_kanji.level(build_kanji.tb(420,50)
    (kanji.rare.notwithstanding)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

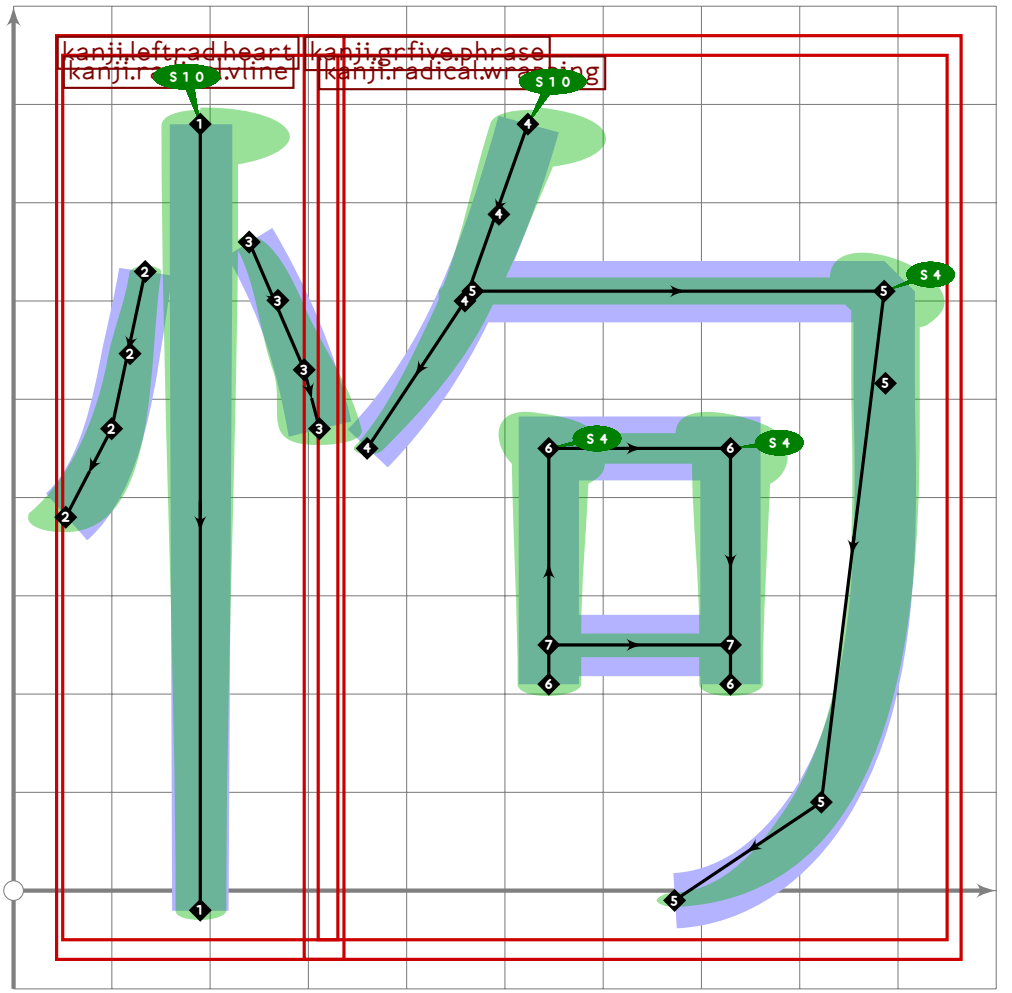
```




```
% extra
begintsuglyph("uni600F",15);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grthree.centre));
  tsu_render;
endtsuglyph;

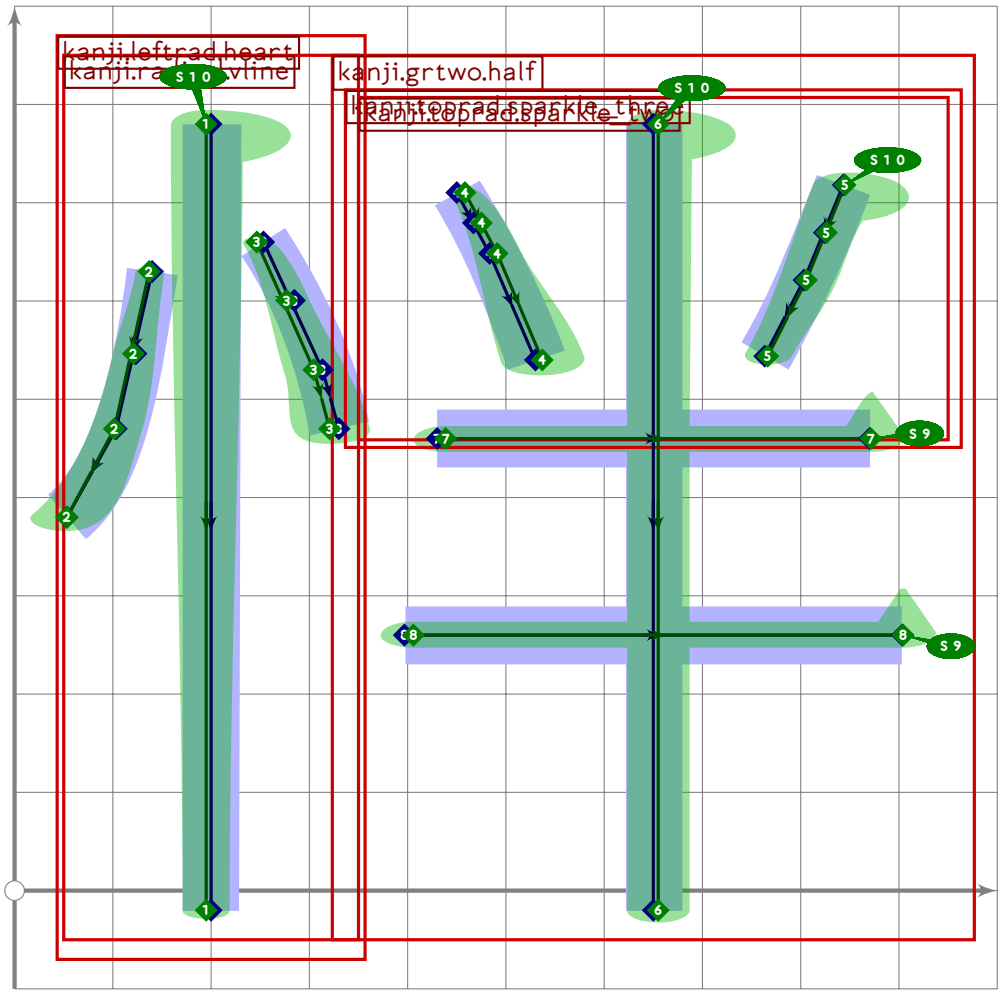
```

U+6010
tsuku.uni6010




```
% extra
begintsuglyph("uni6010",16);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grfive.phrase));
  tsu_render;
endtsuglyph;

```



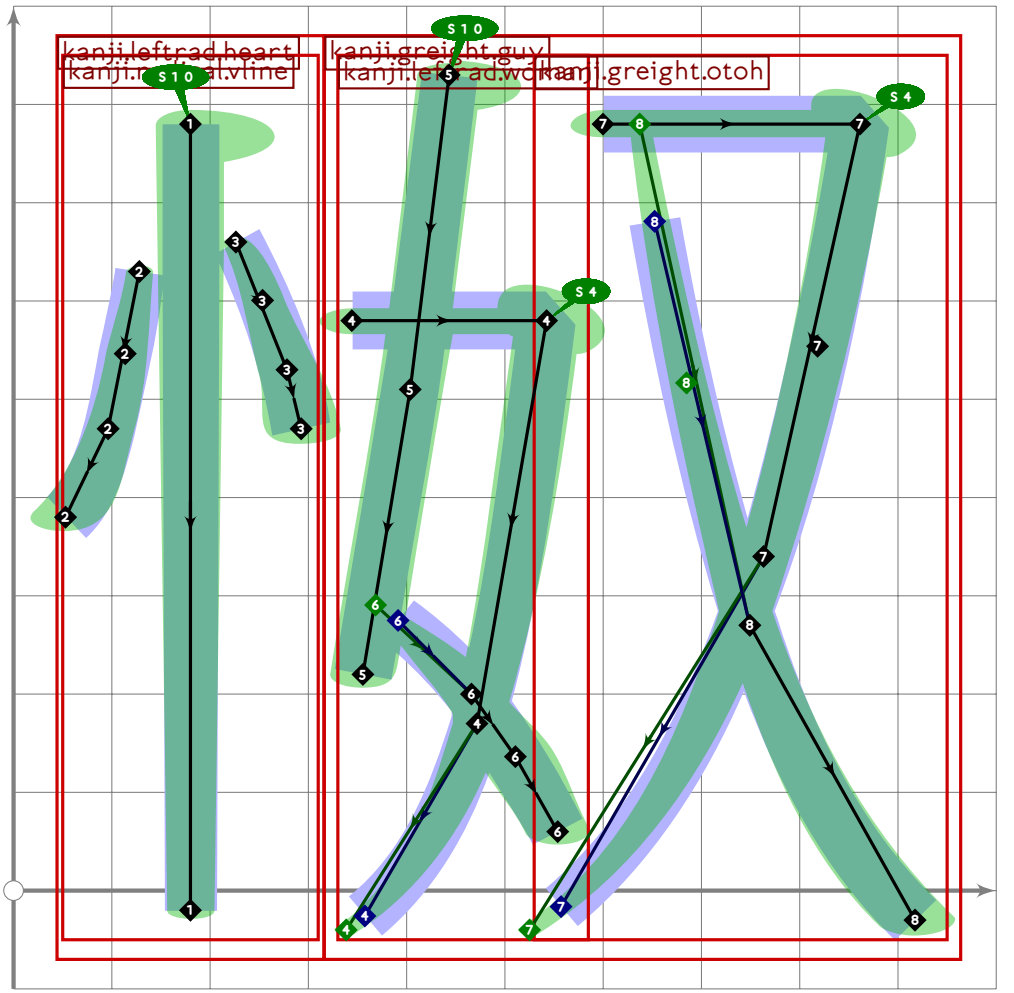

```
% extra
begintsuglyph("uni6011",17);
  build_kanji.level(build_kanji.lr(350,-20*mincho)
    (kanji.leftrad.heart)
    (kanji.grtwo.half));
  tsu_render;
endtsuglyph;

% do/ika "be offended"
begintsuglyph("uni6012",18);
  kanji.greight.be_offended;
  tsu_render;
endtsuglyph;

```

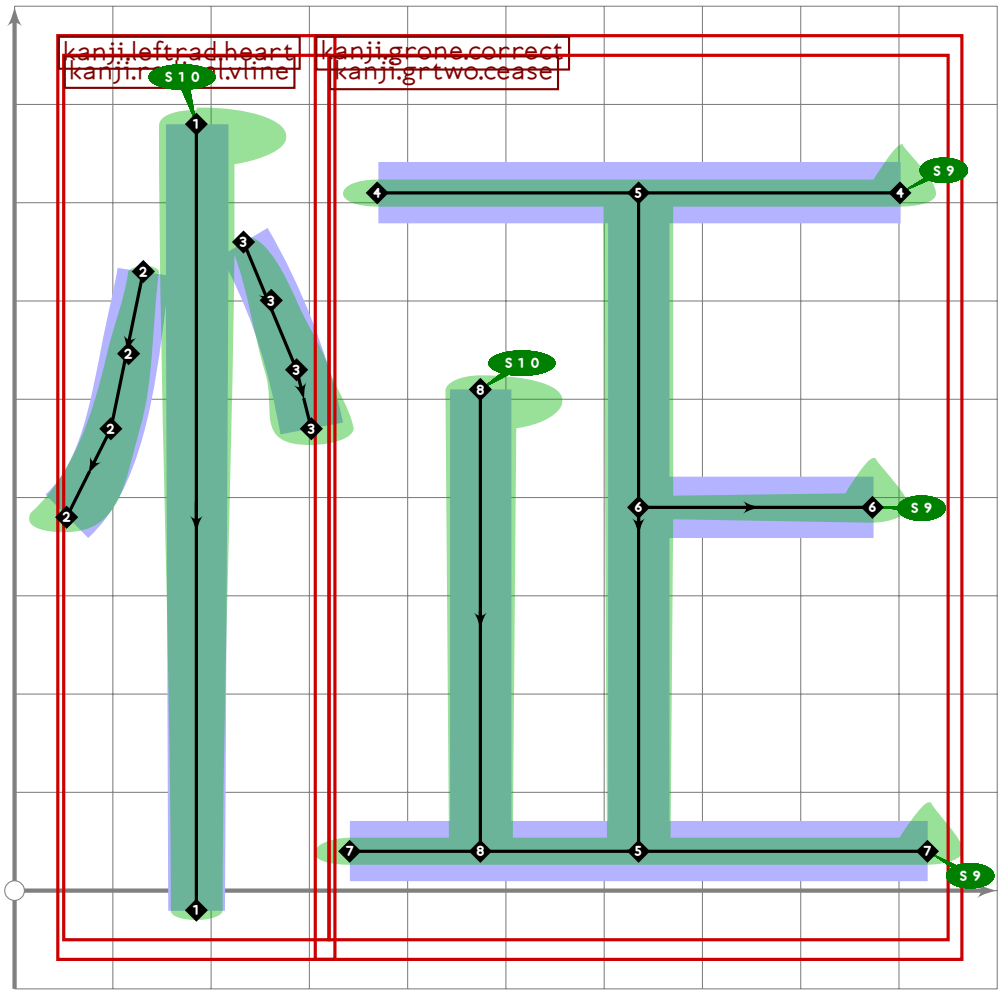
[see page 2374]

U+6013
tsuku.uni6013




```
% extra
begintsuglyph("uni6013",19);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (kanji.greight.guy));
  tsu_render;
endtsuglyph;

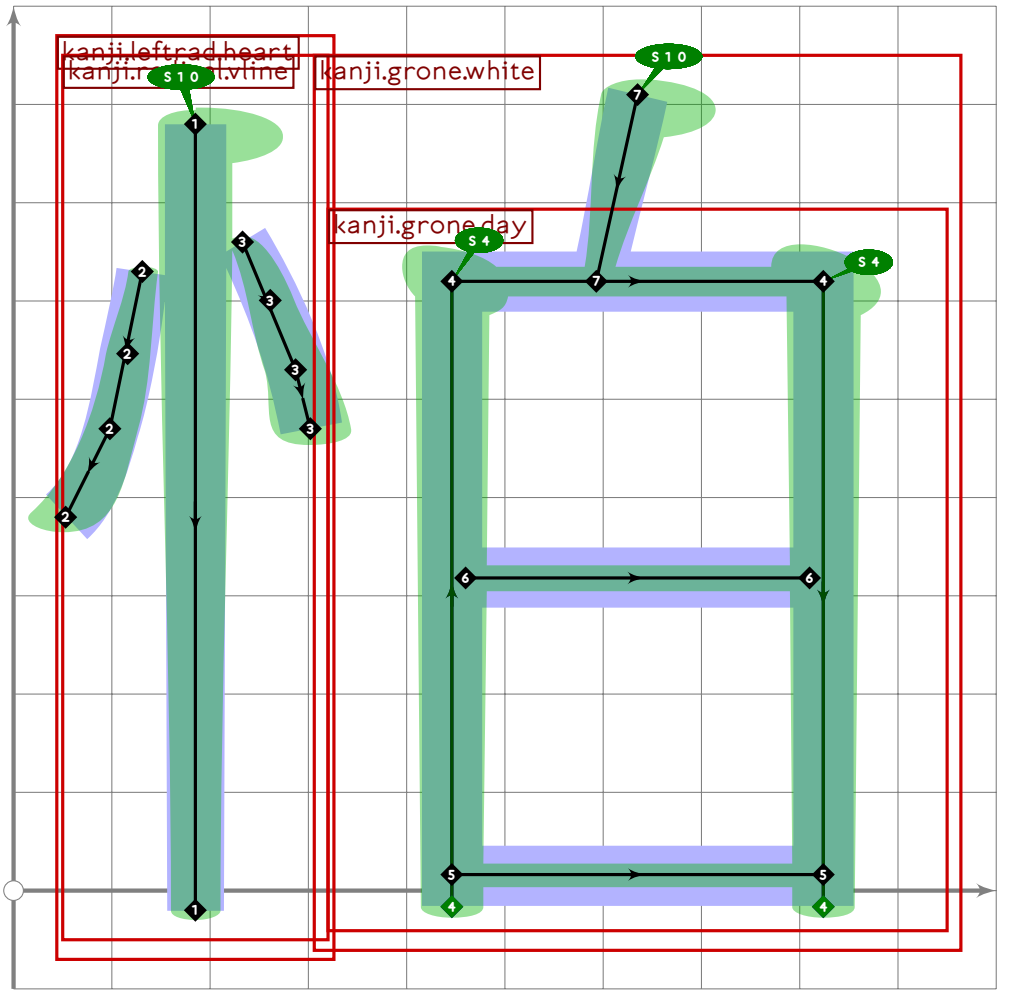
```




```
% extra
begintsuglyph("uni6014",20);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.correct));
  tsu_render;
endtsuglyph;

```

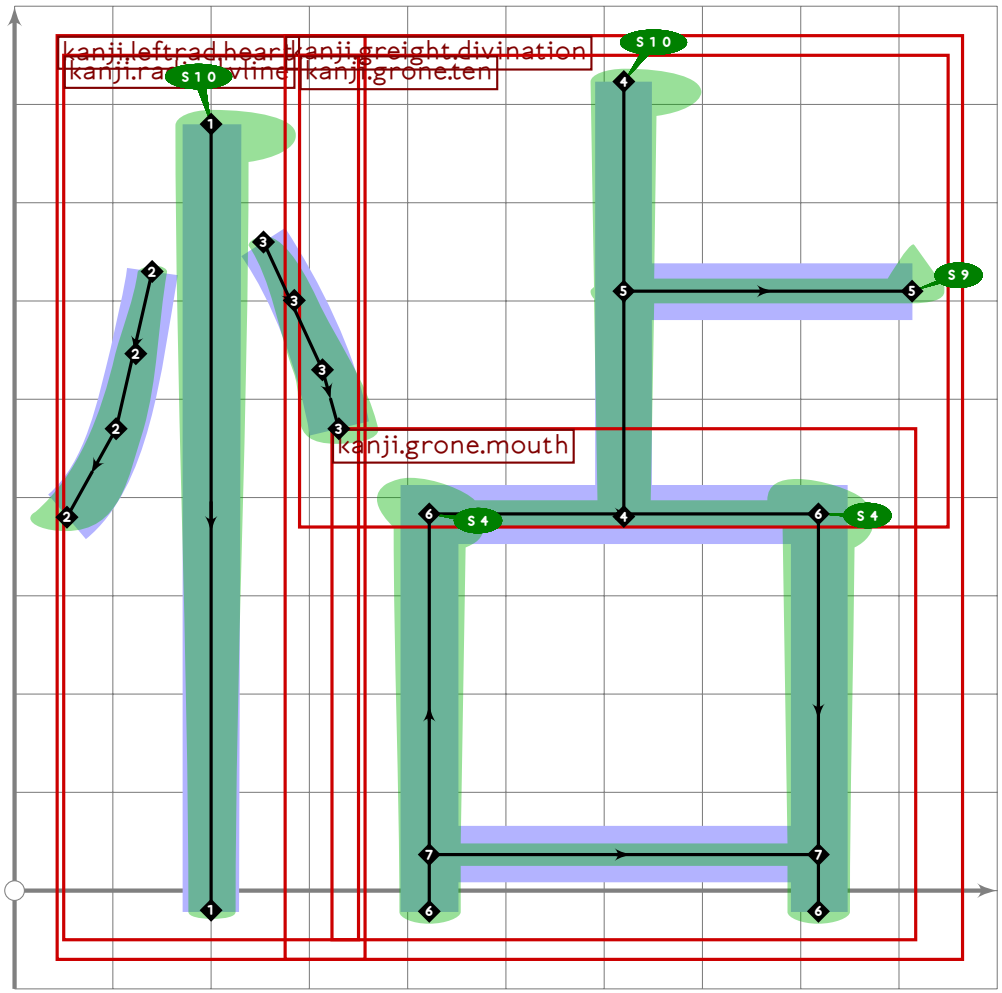
U+6015
tsuku.uni6015




```
% extra
begintsuglyph("uni6015",21);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grone.white));
  tsu_render;
endtsuglyph;

% fu/kowai "dreadful" greight
begintsuglyph("uni6016",22);
  kanji.greight.dreadful;
  tsu_render;
endtsuglyph;
```

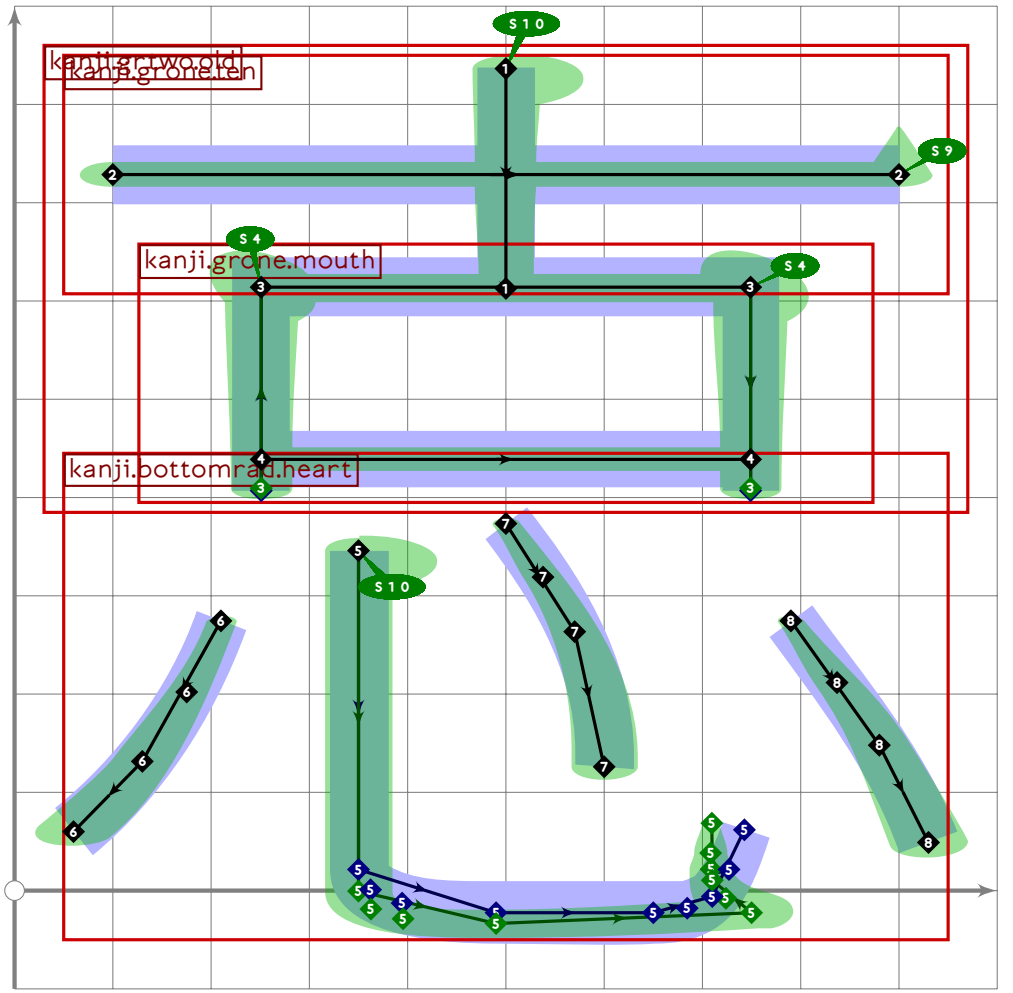
[see page 2376]




```
% extra
begintsuglyph("uni6017",23);
  build_kanji.level(build_kanji.lr(320,60)
    (kanji.leftrad.heart)
    (kanji.greight.divination));
  tsu_render;
endtsuglyph;

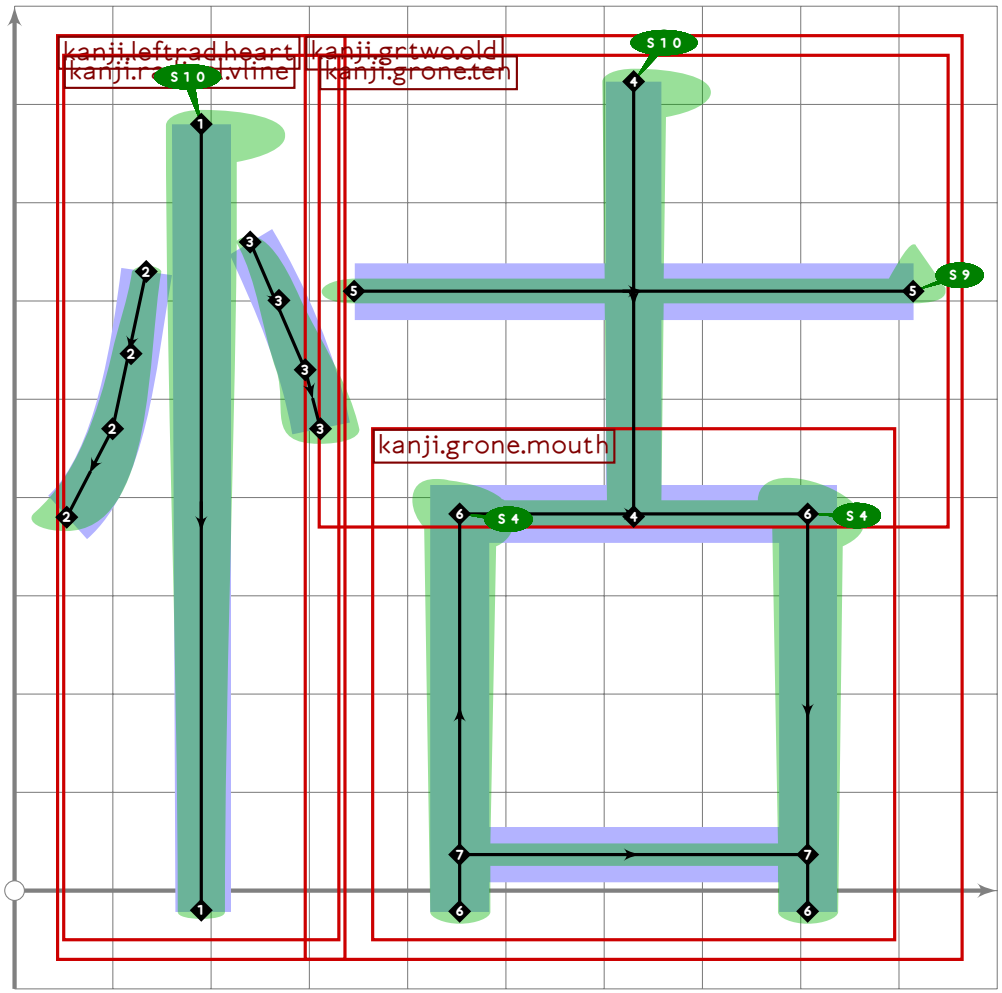
```

U+6018
tsuku.uni6018




```
% extra
begintsuglyph("uni6018",24);
  build_kanji.level(build_kanji.tb(420,50)
    (kanji.grtwo.old)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

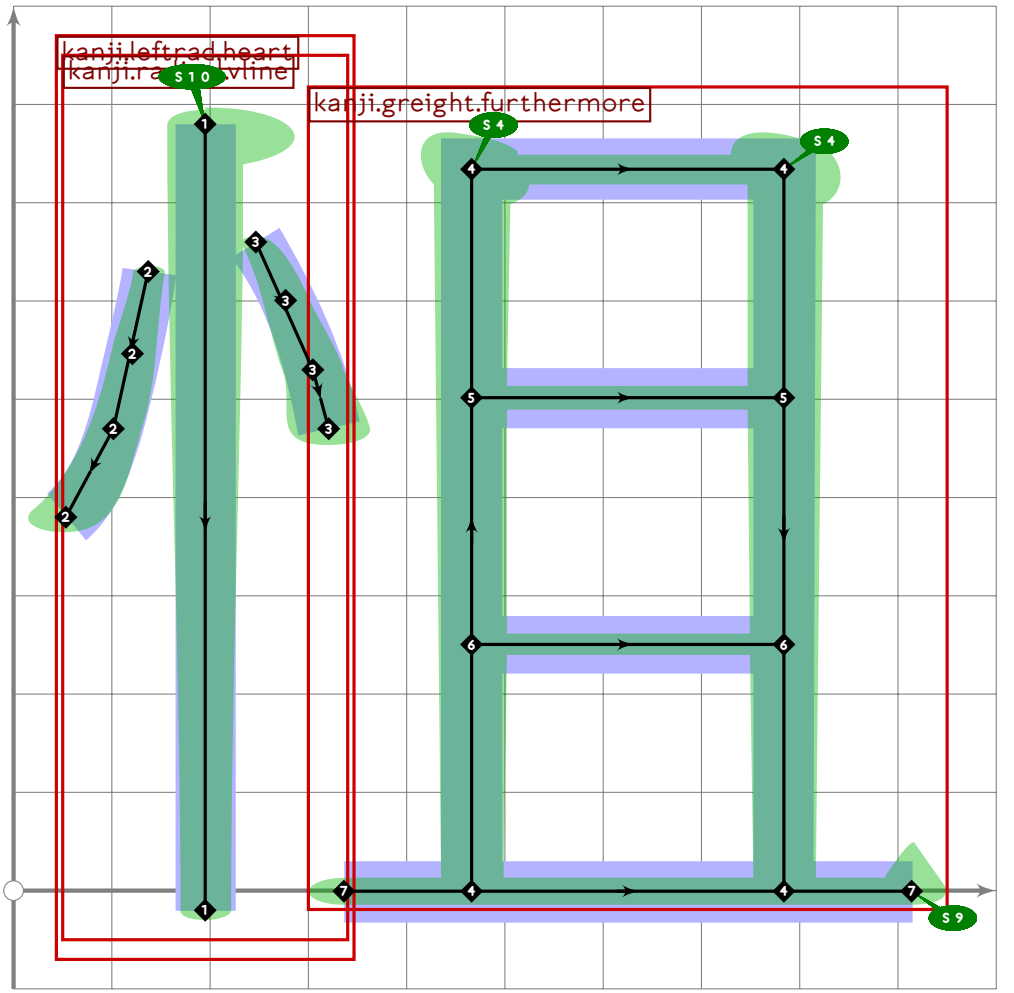
```




```
% extra
begintsuglyph("uni6019",25);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grtwo.old));
  tsu_render;
endtsuglyph;

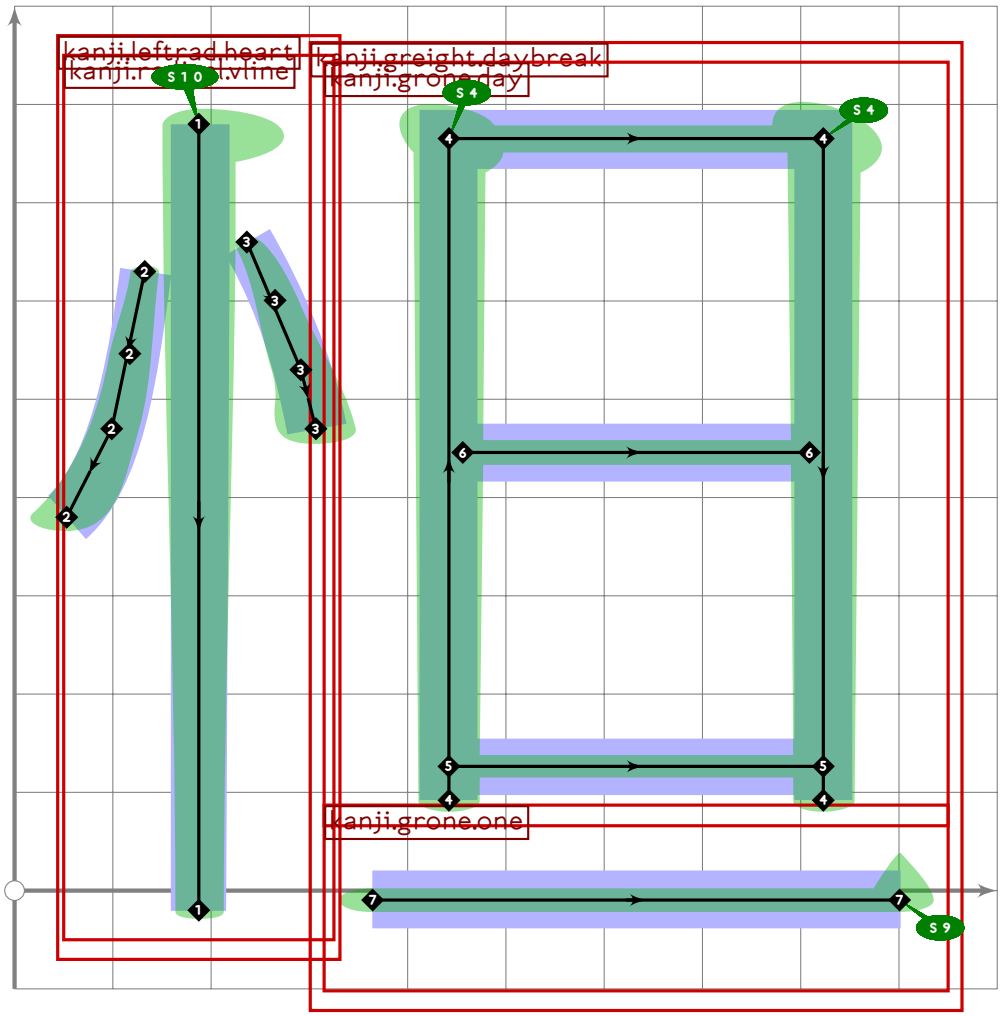
```

U+601A
tsuku.uni601A




```
% extra
begintsuglyph("uni601A",26);
  build_kanji.level(build_kanji.lr(320,40)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.93)(kanji.greight.furthermore)));
  tsu_render;
endtsuglyph;

```



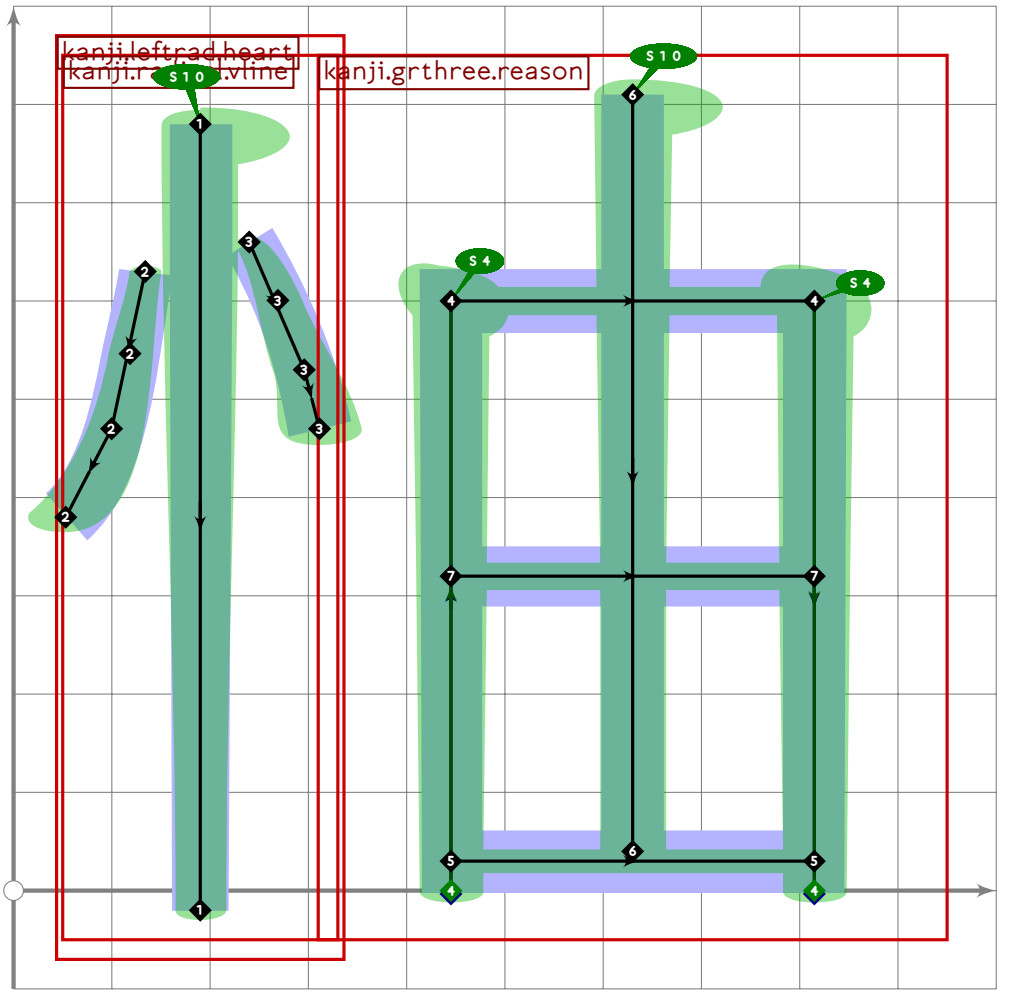

```
% datsu/itamu "be dejected"
begintsuglyph("uni601B",27);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.greight.daybreak));
  tsu_render;
endtsuglyph;

% rei/awaremu "wise" grnine
begintsuglyph("uni601C",28);                                  [see page 2393]
  kanji.grnine.wise;
  tsu_render;
endtsuglyph;

% shi/omo "think"
begintsuglyph("uni601D",29);                                  [see page 578]
  kanji.grtwo.think;
  tsu_render;
endtsuglyph;

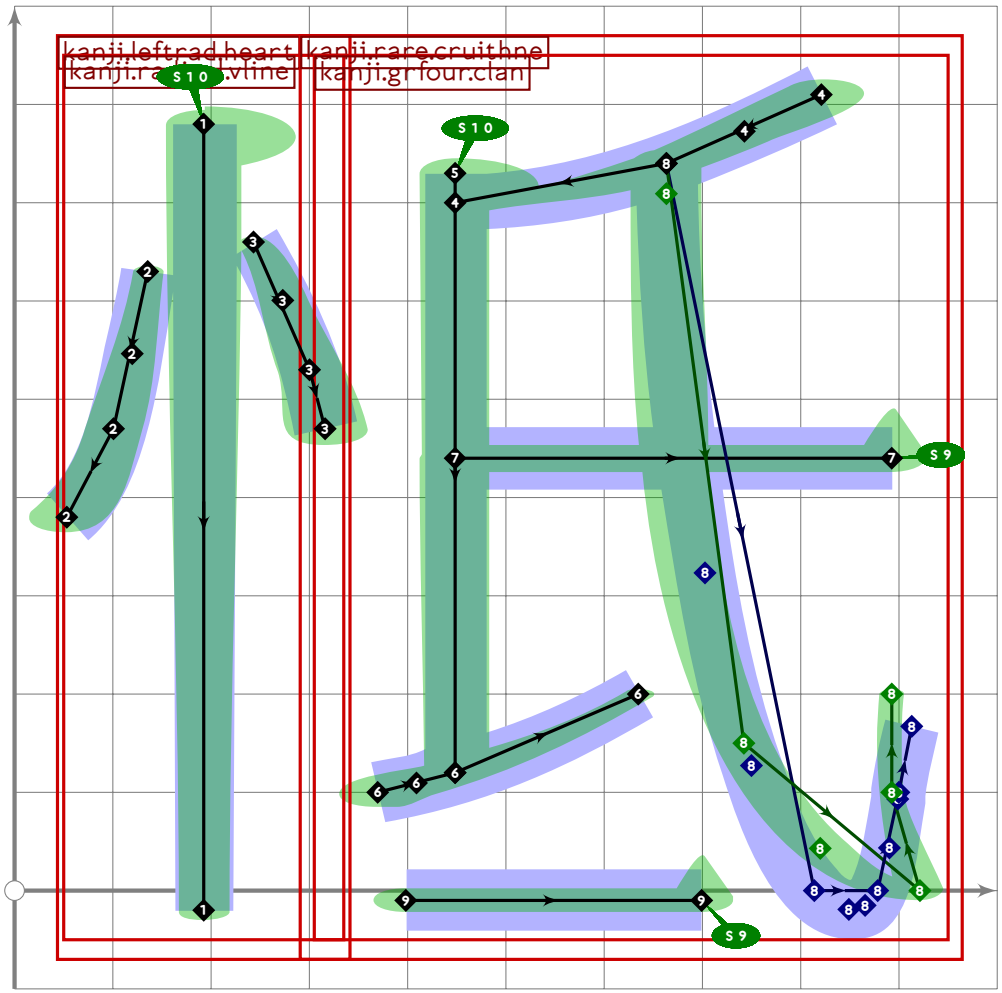
```

U+601E
tsuku.uni601E




```
% extra
begintsuglyph("uni601E",30);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grthree.reason));
  tsu_render;
endtsuglyph;

```

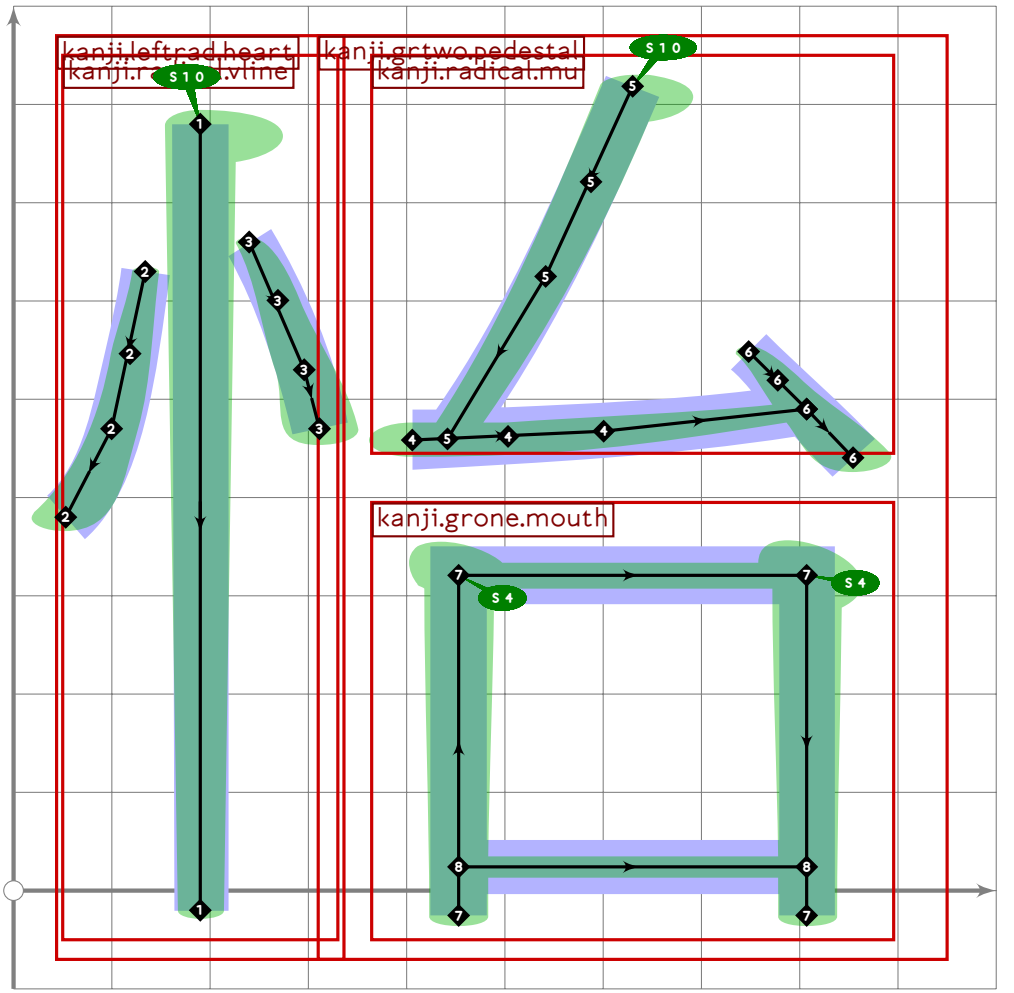



```
% tei/modaeru "no meaning specified"
begintsuglyph("uni601F",31);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart)
    (kanji.rare.cruithne));
  tsu_render;
endtsuglyph;

% kai/okota/nama "neglect"
begintsuglyph("uni6020",32);
  kanji.greight.neglect;
  tsu_render;
endtsuglyph;
```

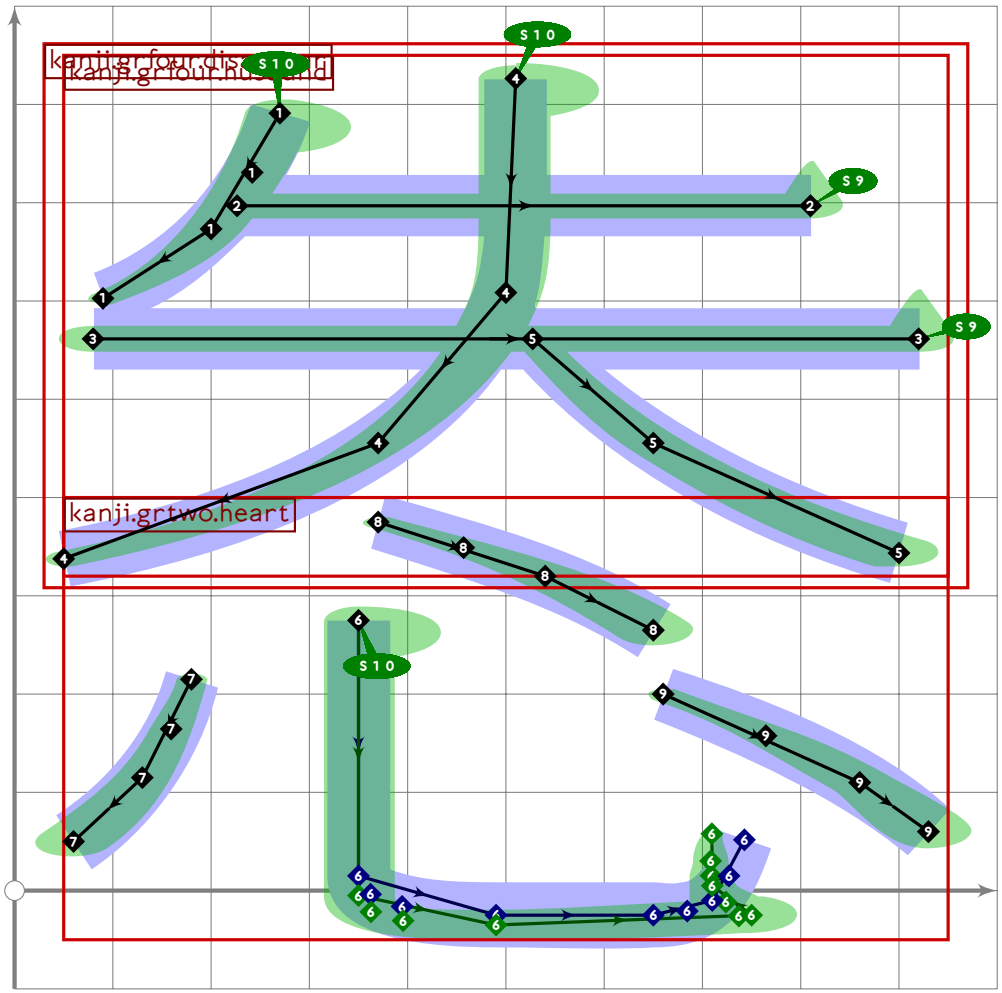
[see page 2380]

U+6021
tsuku.uni6021




```
% extra
begintsuglyph("uni6021",33);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grtwo.pedestal));
  tsu_render;
endtsuglyph;

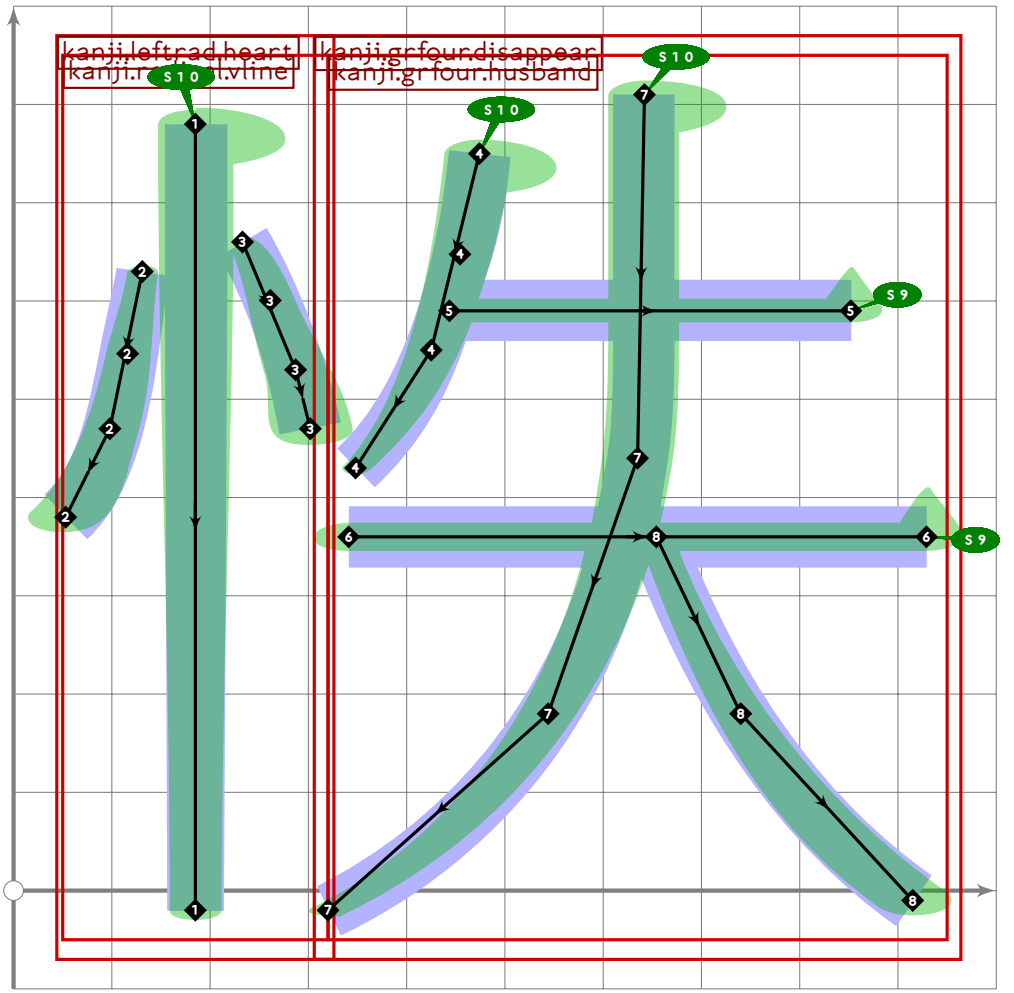
```




```
% extra
begintsuglyph("uni6022",34);
  build_kanji.level(build_kanji.tb(360,80)
    (kanji.grfour.disappear)
    (kanji.grtwo.heart));
  tsu_render;
endtsuglyph;

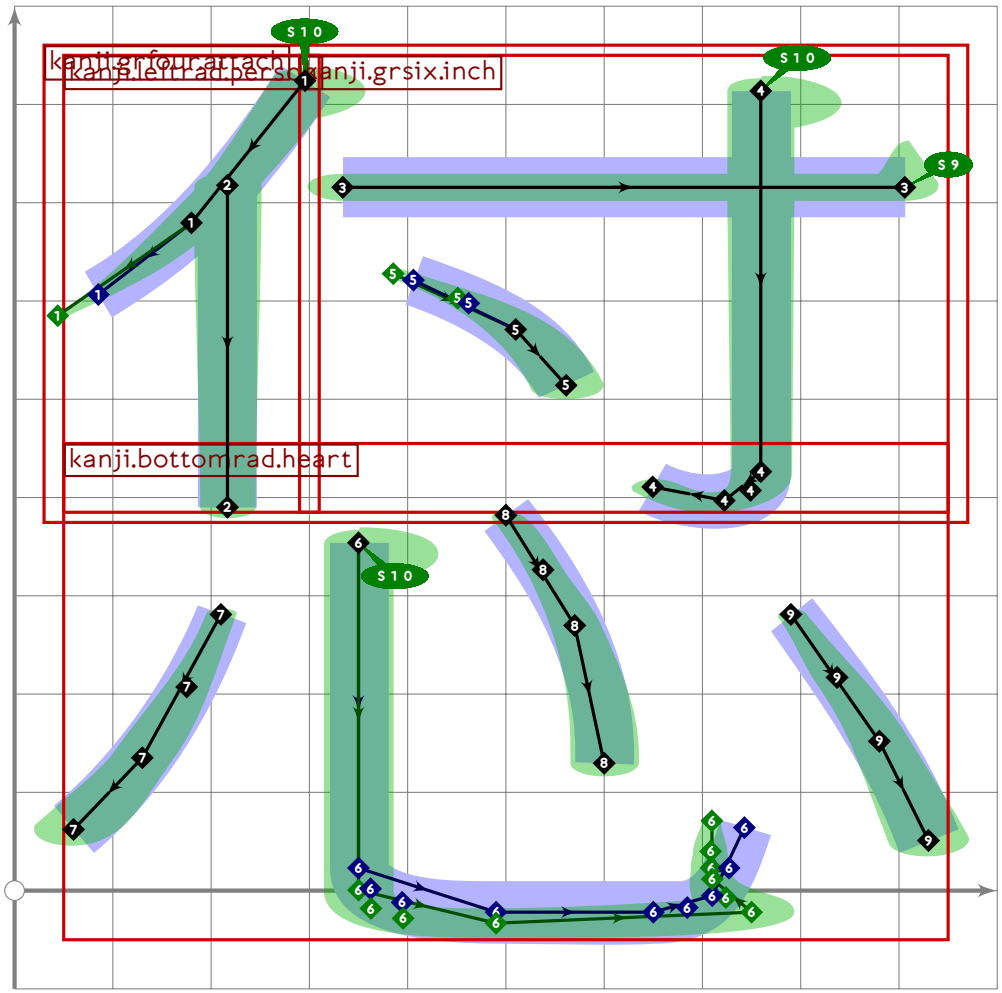
```

U+6023
tsuku.uni6023




```
% extra
begintsuglyph("uni6023",35);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.disappear));
  tsu_render;
endtsuglyph;

```

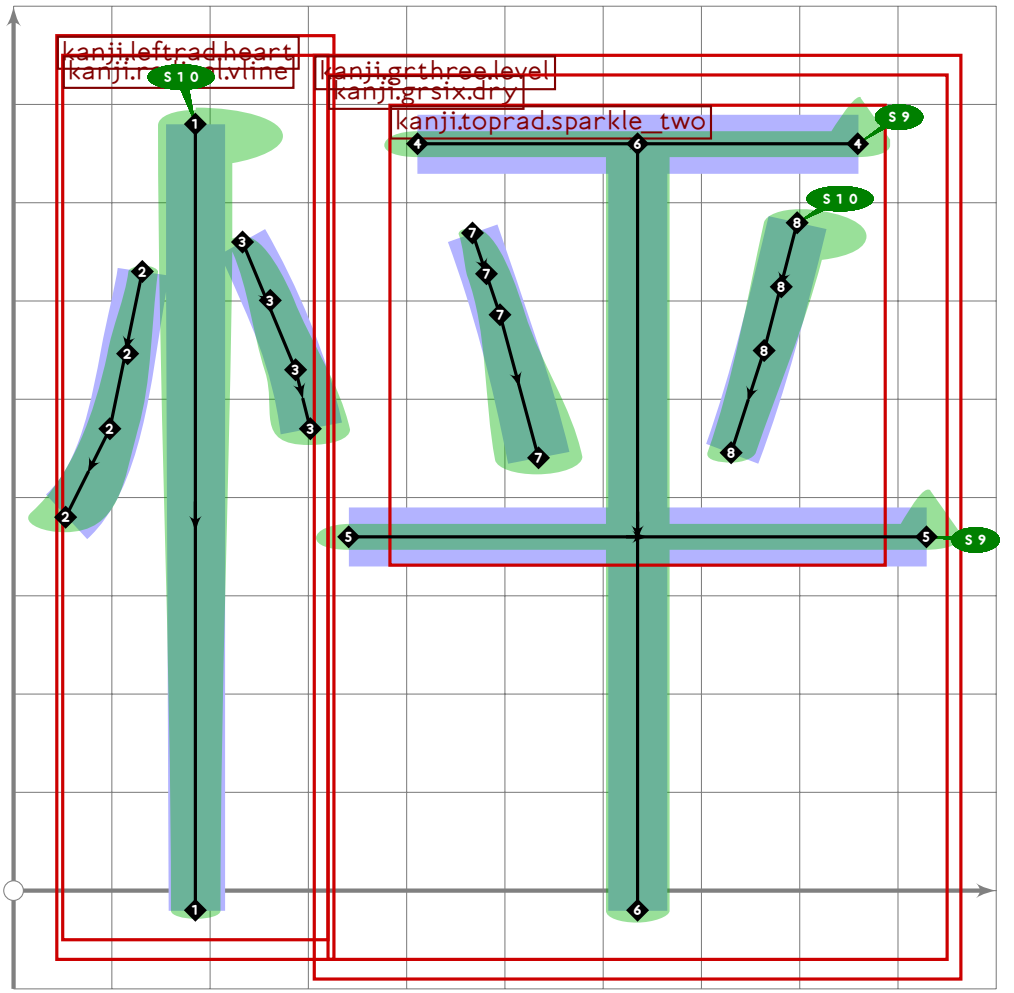



```
% extra
begintsuglyph("uni6024",36);
  build_kanji.level(build_kanji.tb(420,70)
    (kanji.grfour.attach)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

% kyuu/iso "hurry"
begintsuglyph("uni6025",37);
  kanji.grthree.hurry;
  tsu_render;
endtsuglyph;
```

[see page 631]

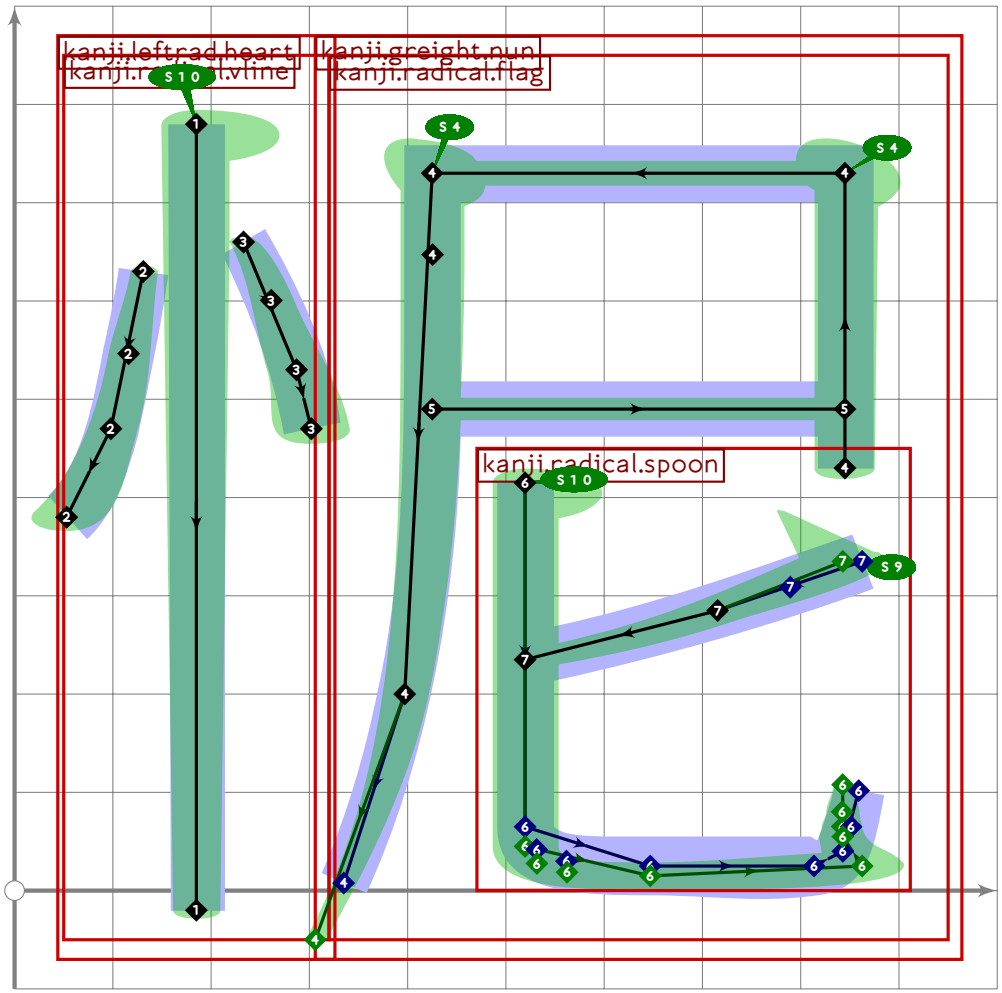
U+6026
tsuku.uni6026




```
% hou "be excited"
begintsuglyph("uni6026",38);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,-20))(kanji.grthree.level)));
  tsu_render;
endtsuglyph;

% sei/saga "gender"
begintsuglyph("uni6027",39);
  kanji.grfive.gender;
  tsu_render;
endtsuglyph;
```

[see page 2372]

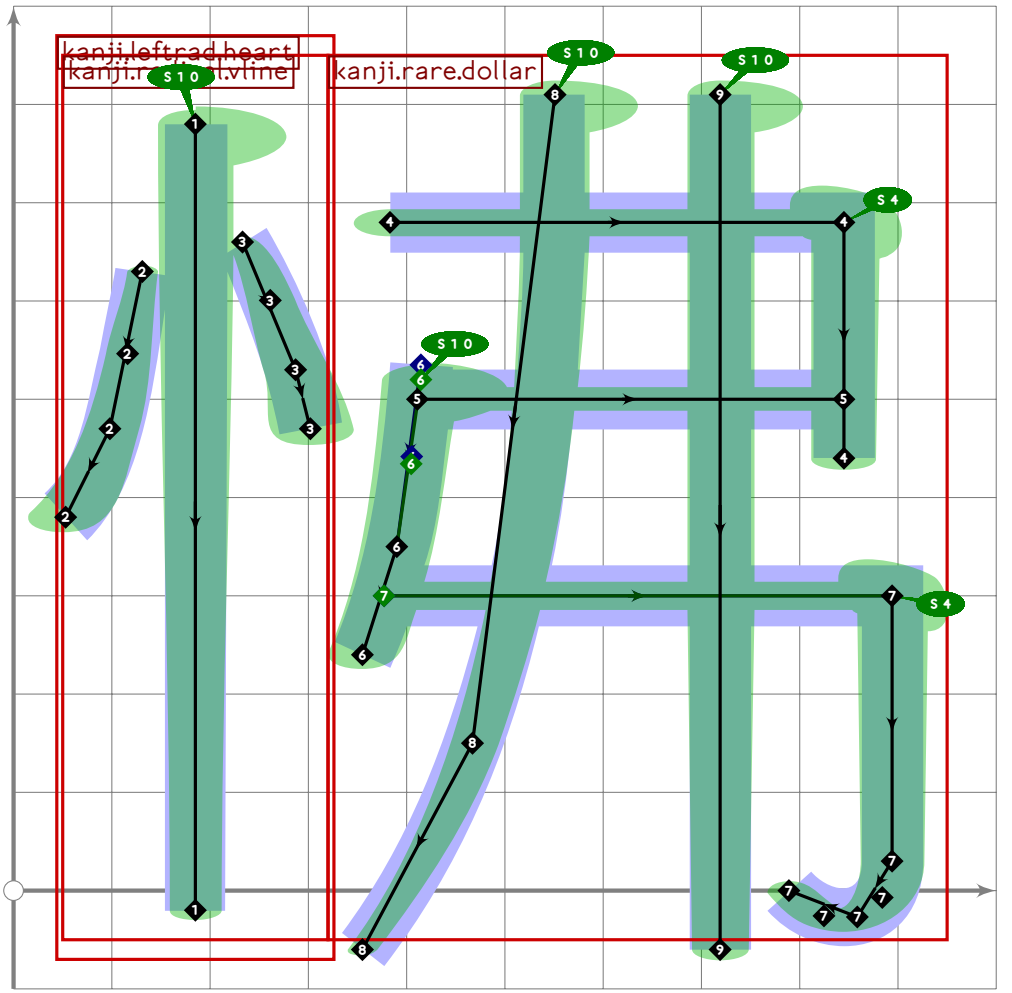



```
% extra
begintsuglyph("uni6029",41);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.greight.nun));
  tsu_render;
endtsuglyph;

% kai/aya "suspicious"
begintsuglyph("uni602A",42);
  kanji.greight.suspicious;
  tsu_render;
endtsuglyph;
```

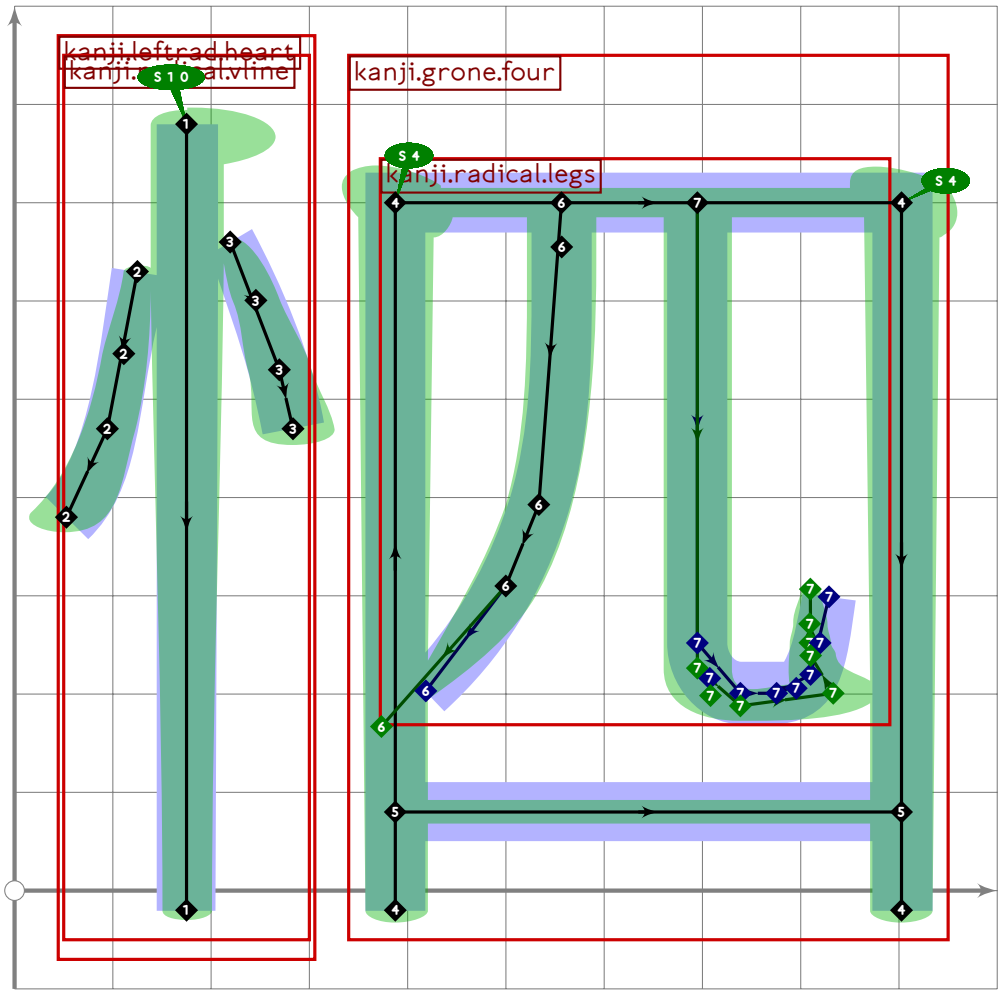
[see page 2384]

U+602B
tsuku.uni602B




```
% futsu "wrathful"
begintsuglyph("uni602B",43);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.rare.dollar));
  tsu_render;
endtsuglyph;

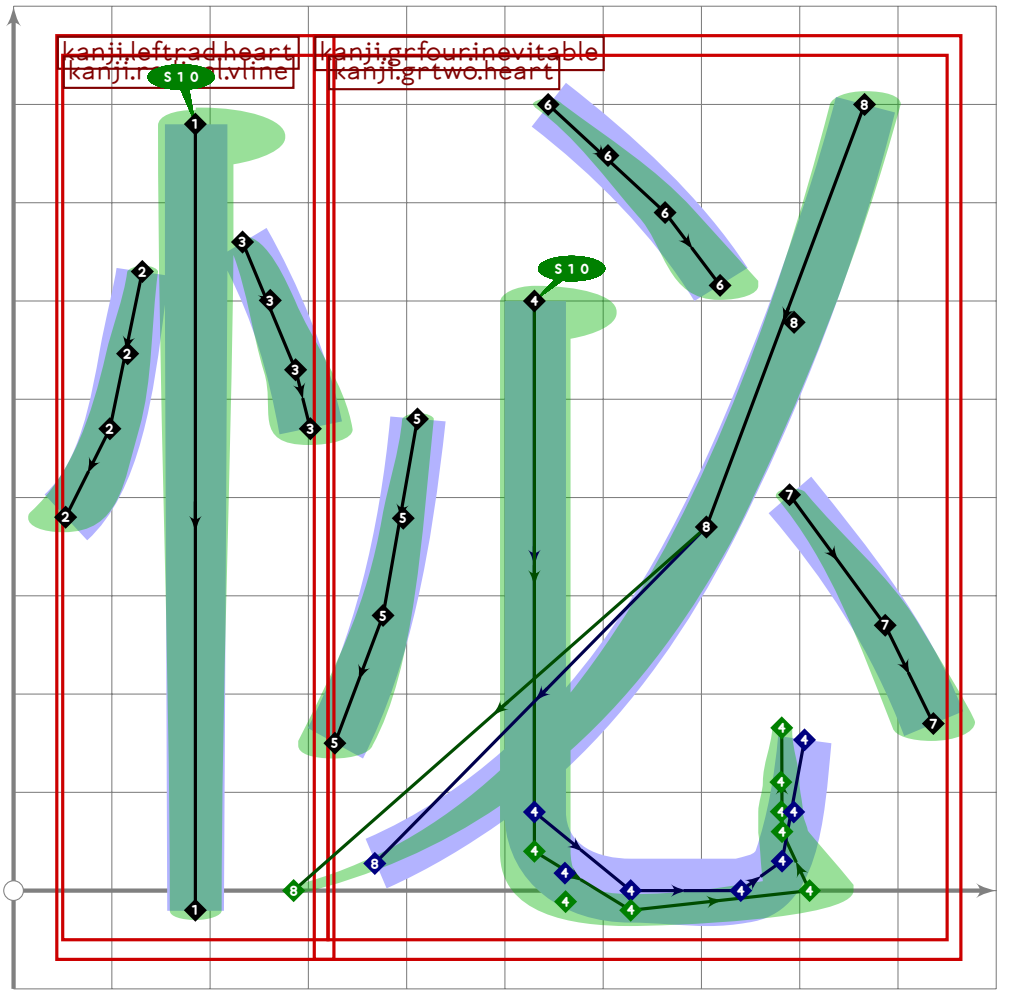
```




```
% extra
begintsuglyph("uni602C",44);
  build_kanji.level(build_kanji.lr(320,-40)
    (kanji.leftrad.heart)
    (kanji.grone.four));
  tsu_render;
endtsuglyph;

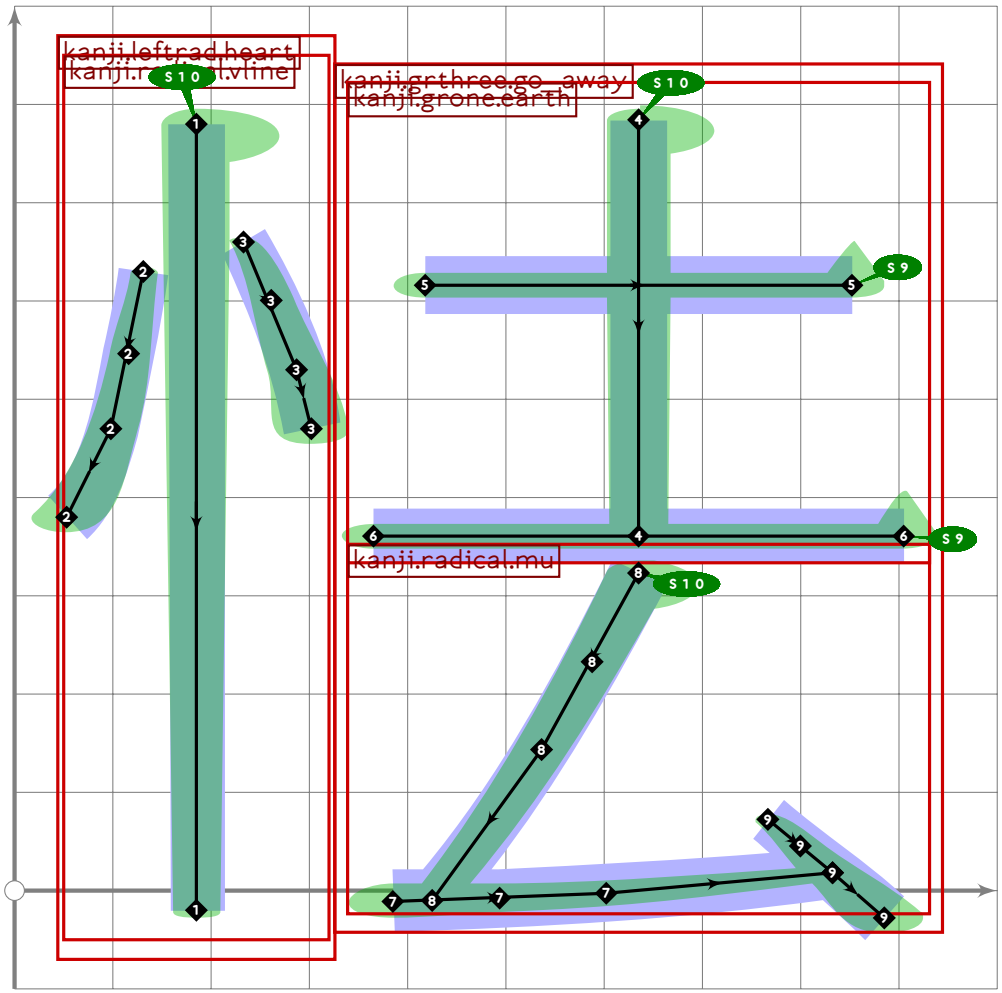
```

U+602D
tsuku.uni602D




```
% extra
begintsuglyph("uni602D",45);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.inevitable));
  tsu_render;
endtsuglyph;

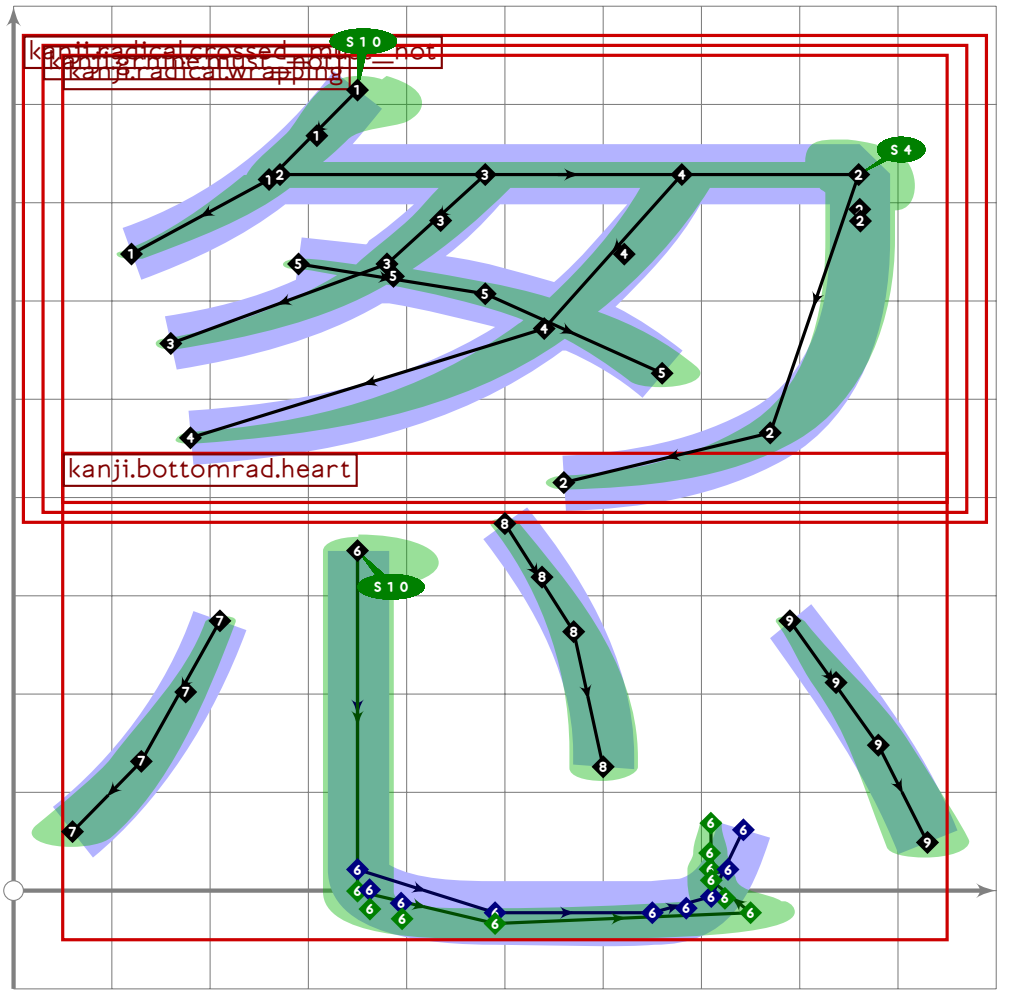
```




```
% extra
begintsuglyph("uni602F",47);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled  0.94)(kanji.grthree.go_away)));
  tsu_render;
endtsuglyph;

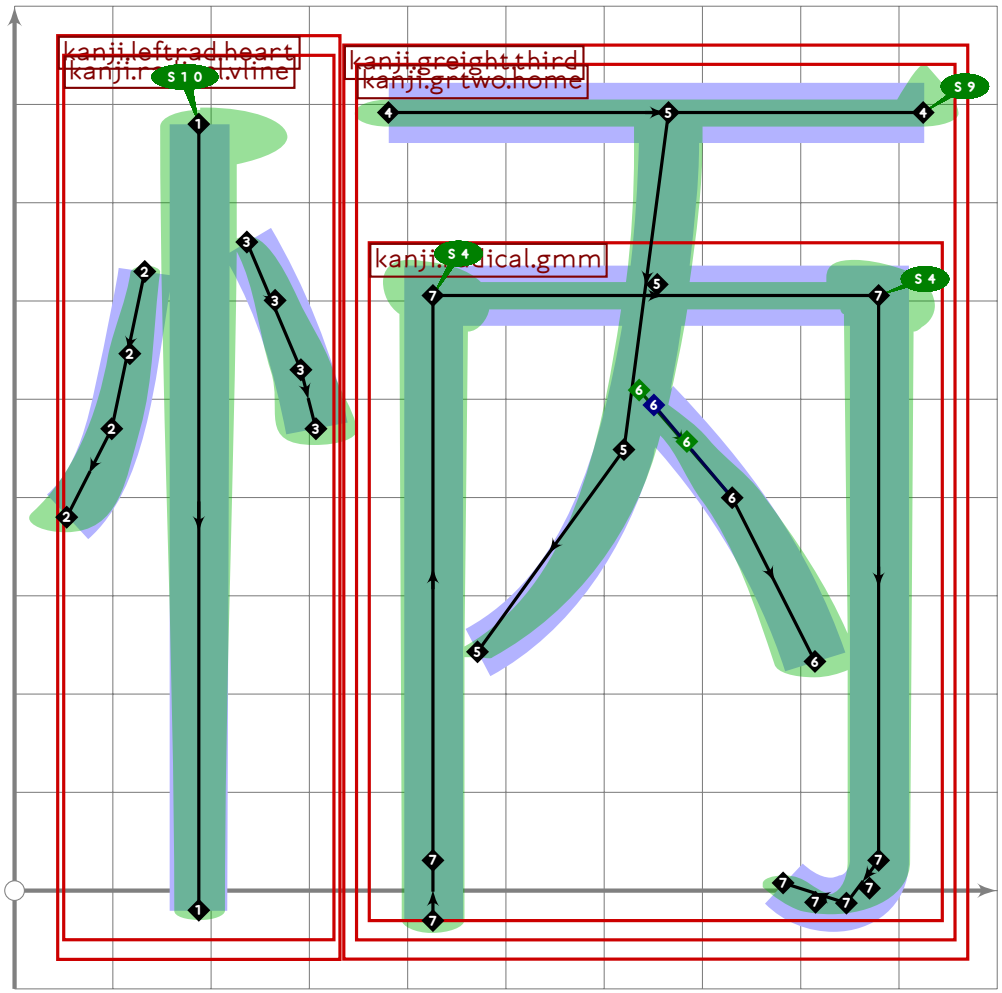
```

U+6031
tsuku.uni6031




```
% extra
begintsuglyph("uni6031",49);
  build_kanji.level(build_kanji.tb(420,50)
    (kanji.radical.crossed__must__not)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

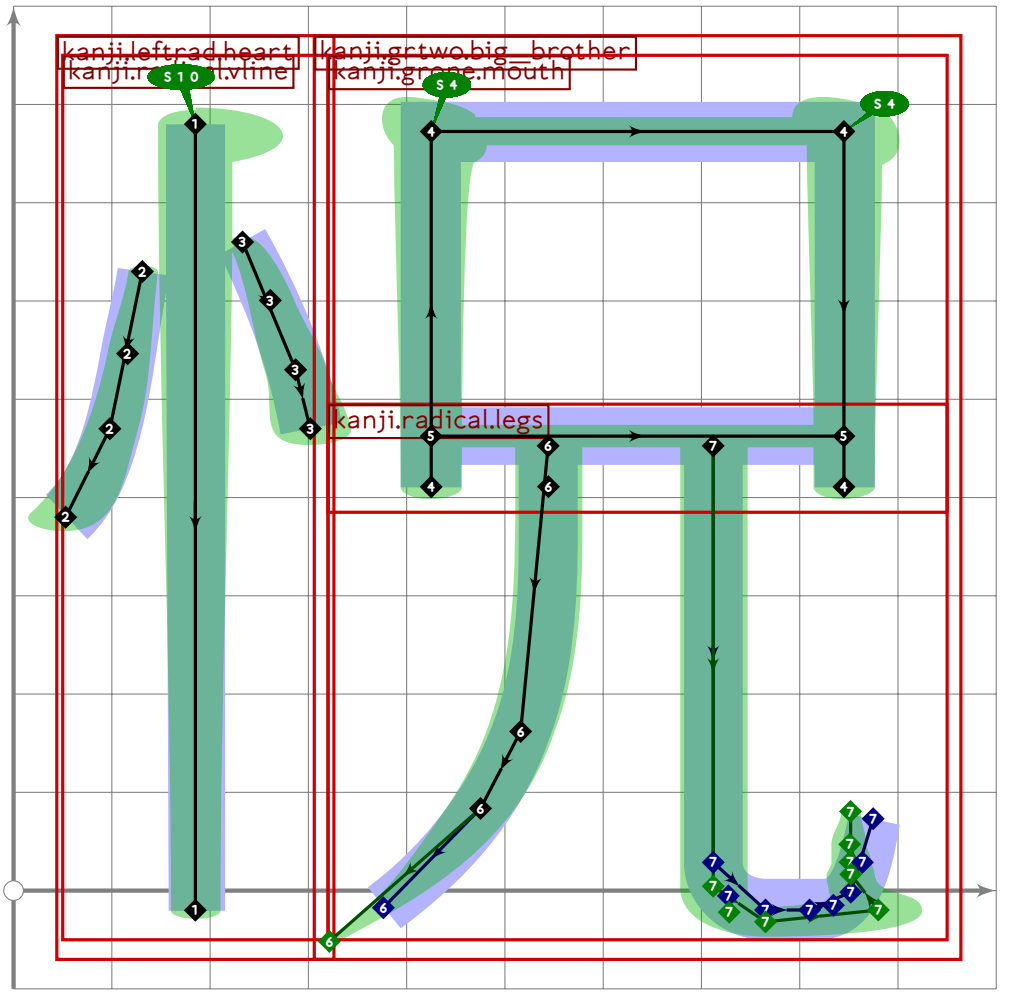
```




```
% extra
begintsuglyph("uni6032",50);
  build_kanji.level(build_kanji.lr(340,-30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled  0.98)(kanji.greight.third)));
  tsu_render;
endtsuglyph;

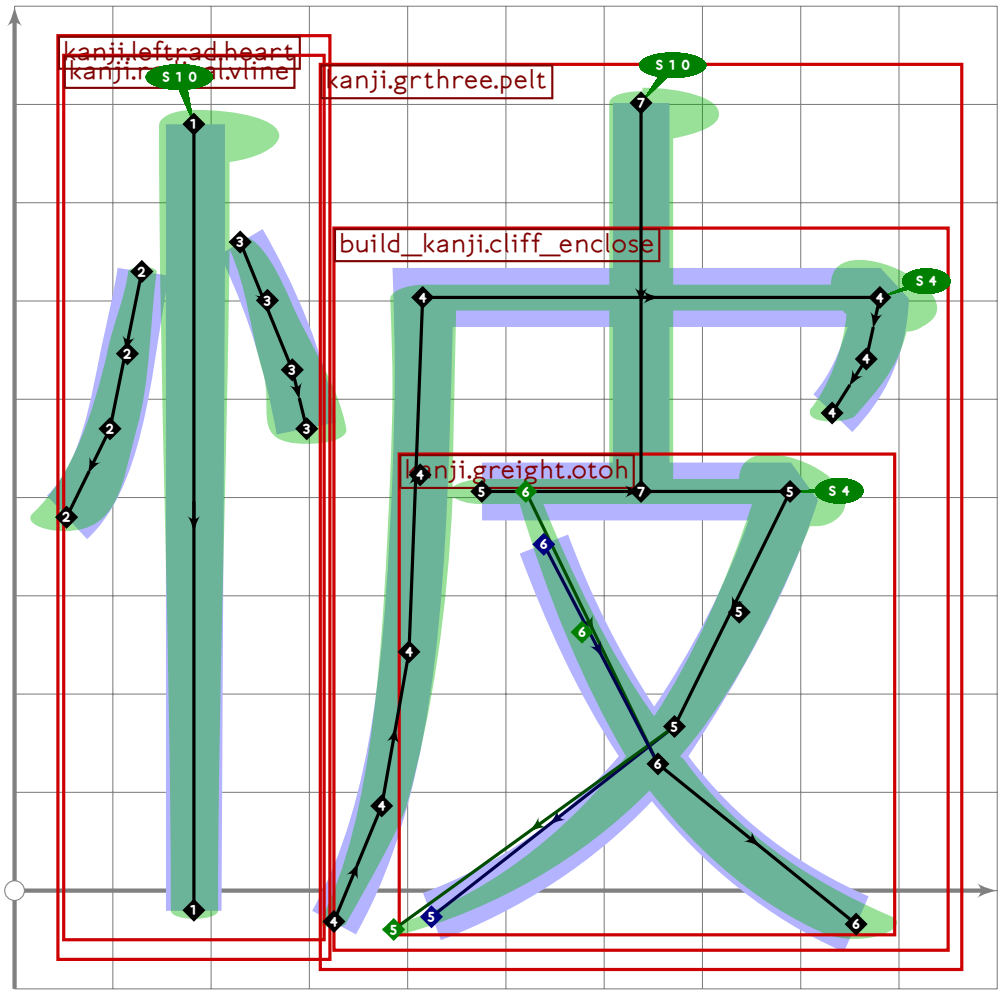
```

U+6033
tsuku.uni6033




```
% extra
begintsuglyph("uni6033",51);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.big__brother));
  tsu_render;
endtsuglyph;

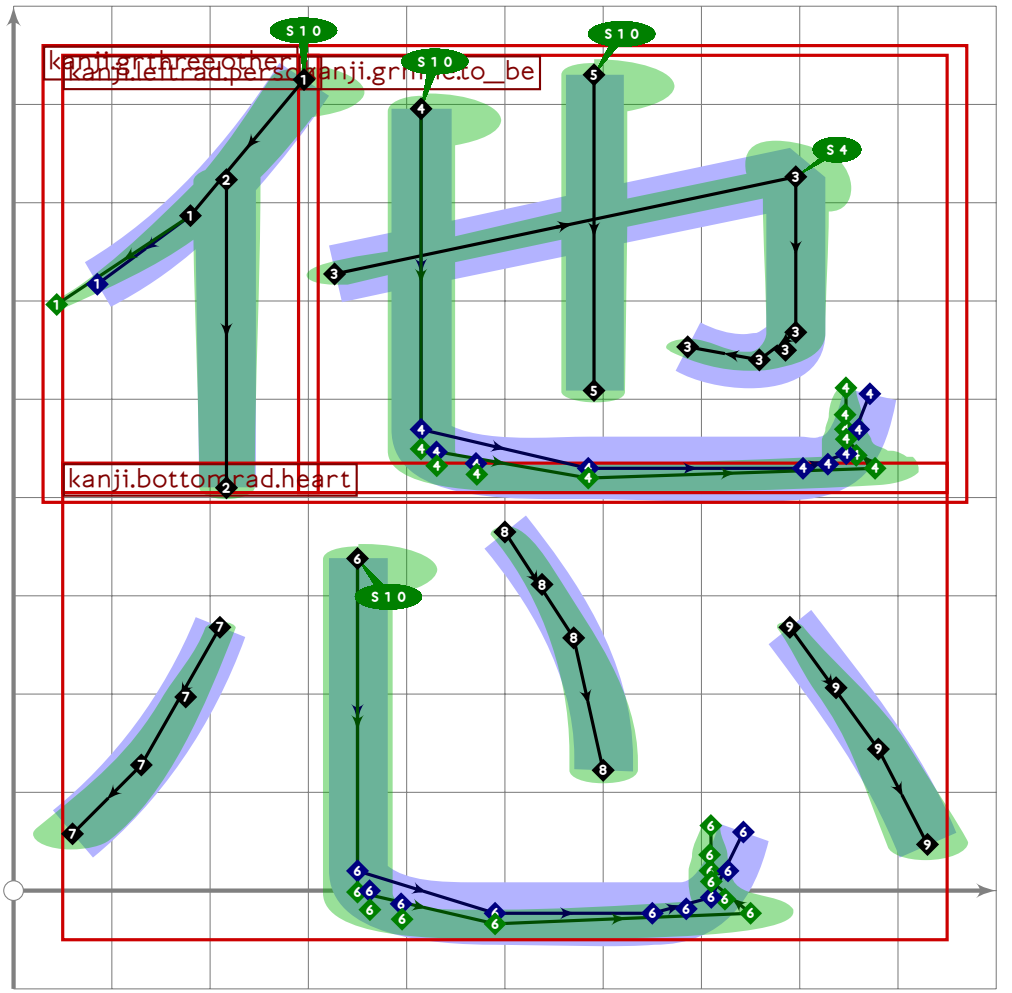
```




```
% extra
begintsuglyph("uni6036",54);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.98)(kanji.grthree.pelt)));
  tsu_render;
endtsuglyph;

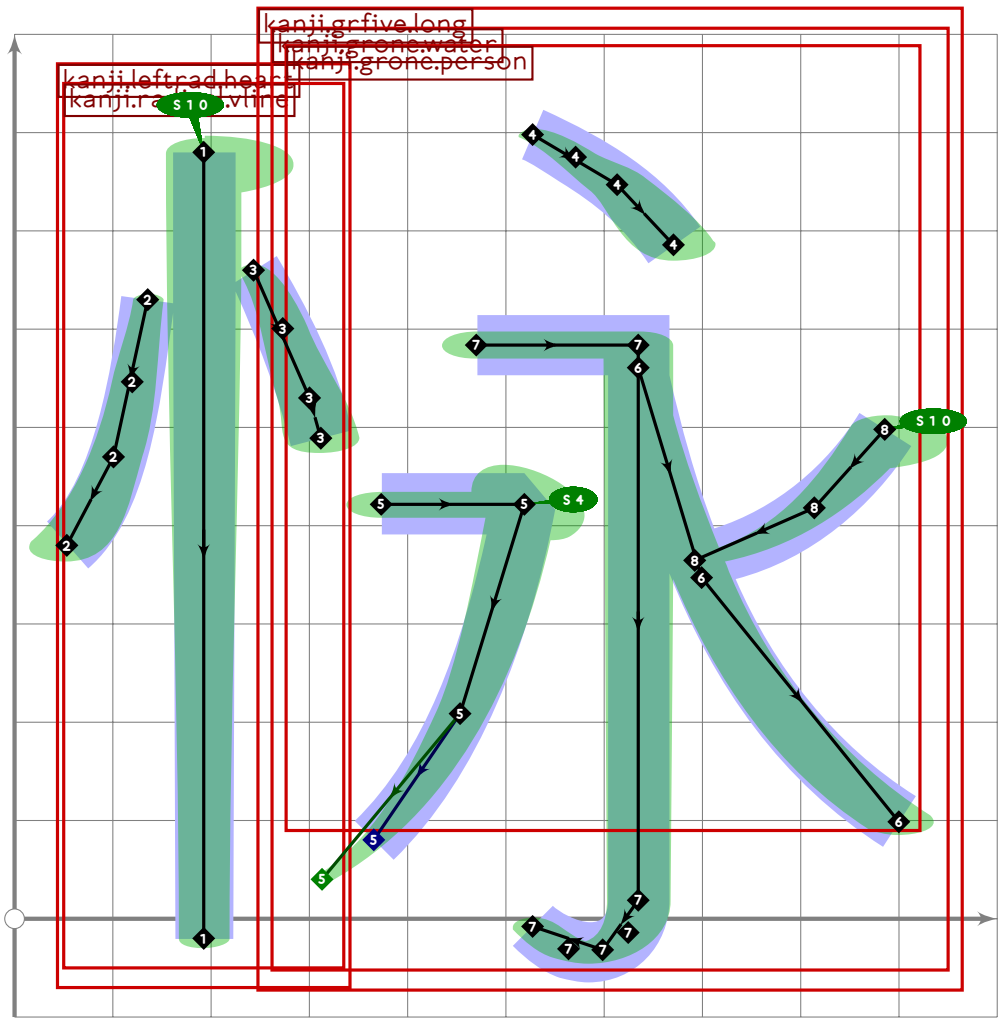
```

U+6039
tsuku.uni6039




```
% extra
begintsuglyph("uni6039",57);
  build_kanji.level(build_kanji.tb(420,30)
    (kanji.grthree.other)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

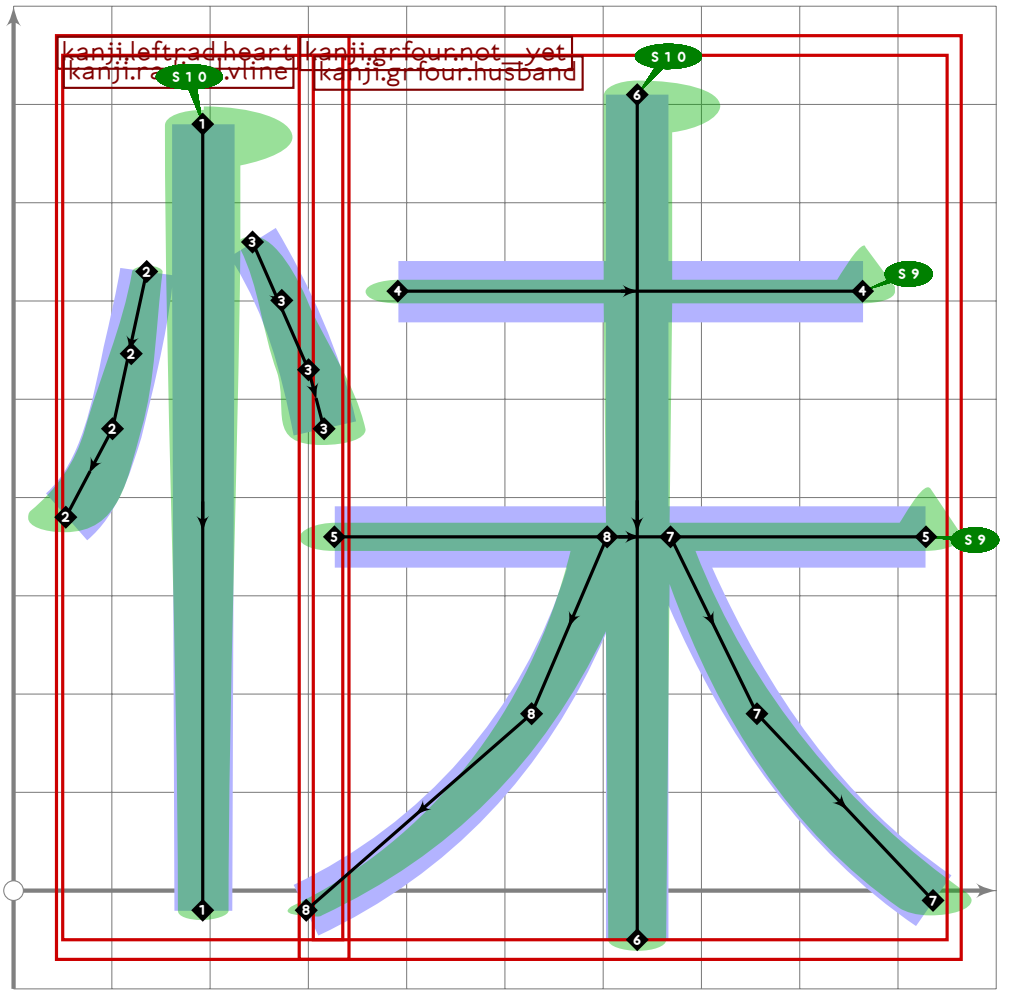
```




```
% koraeru "endure"
begintsuglyph("uni603A",58);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.7) of oldp);
     replace_strokeq(0)(subpath (0,1.7) of oldq))
    (build_kanji.sscale(yscaled 1.02)(kanji.grfive.long)));
  tsu_render;
endtsuglyph;

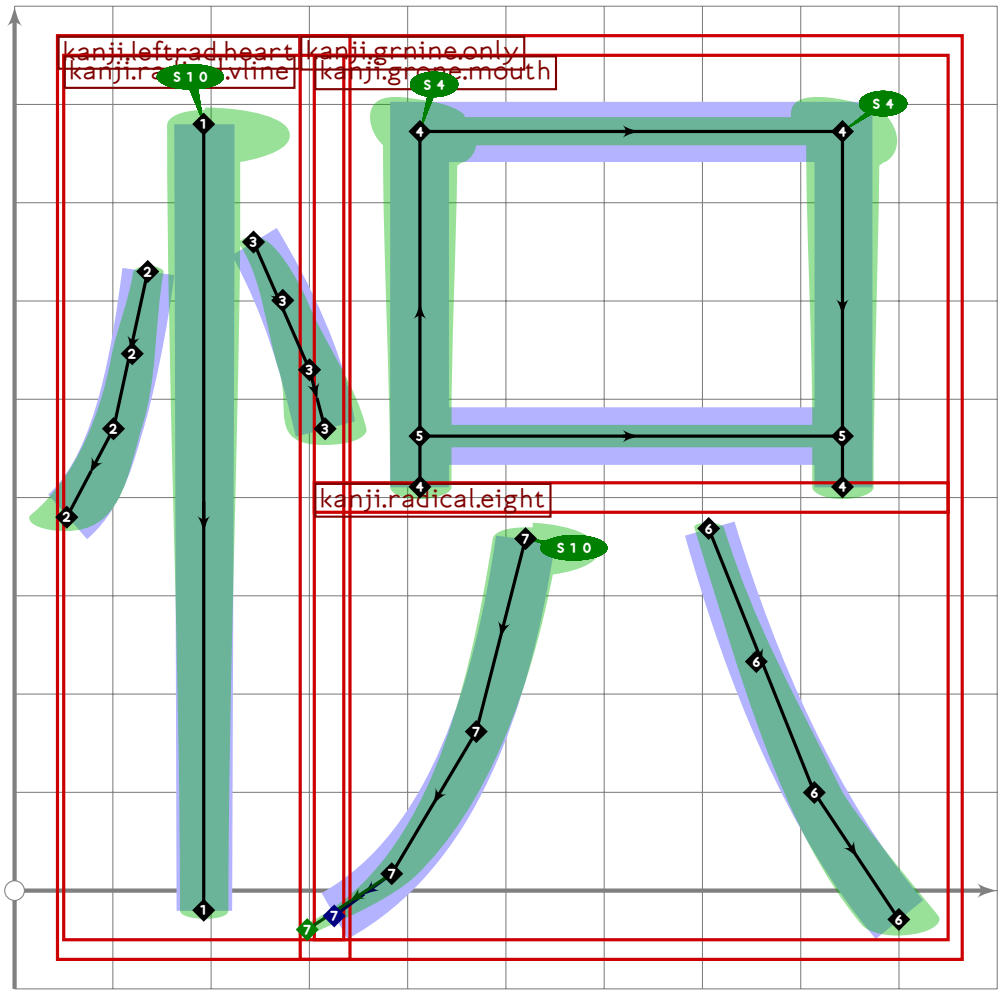
```

U+603D
tsuku.uni603D




```
% extra
begintsuglyph("uni603D",61);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart)
    (kanji.grfour.not_yet));
  tsu_render;
endtsuglyph;

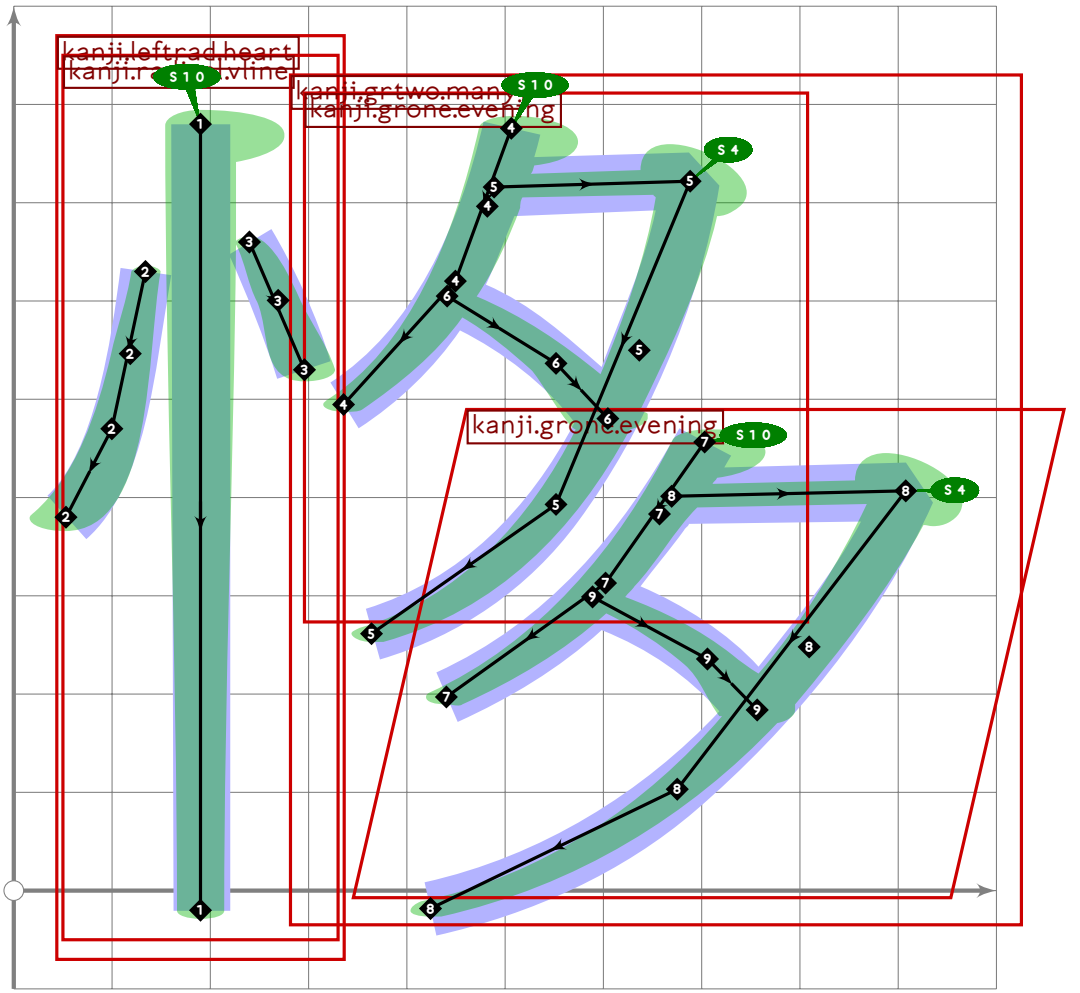
```




```
% extra
begintsuglyph("uni603E",62);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart)
    (kanji.grnine.only));
  tsu_render;
endtsuglyph;

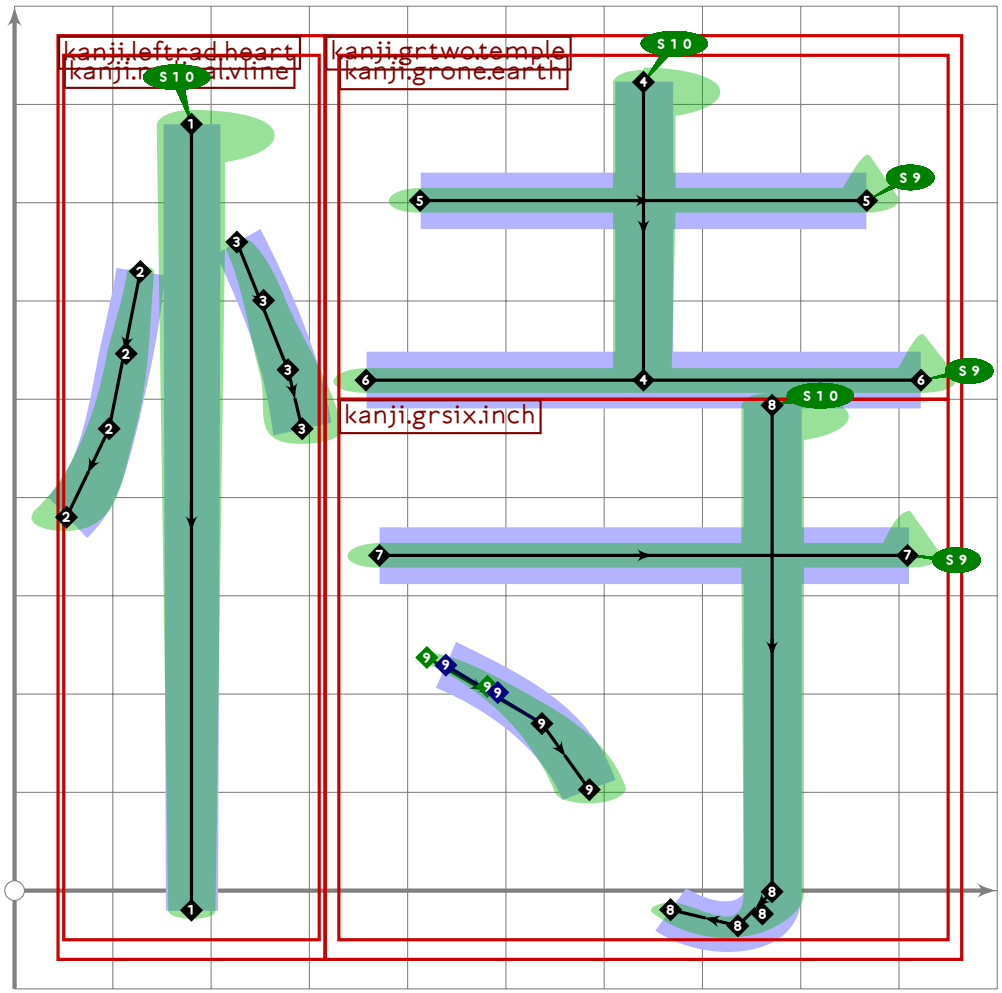
```

U+6040
tsuku.uni6040




```
% extra
begintsuglyph("uni6040",64);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1) of oldp);
     replace_strokeq(0)(subpath (0,1) of oldq))
    (build_kanji.sscale(yscaled 0.92 shifted (0,-20))(kanji.grtwo.many)));
  tsu_render;
endtsuglyph;

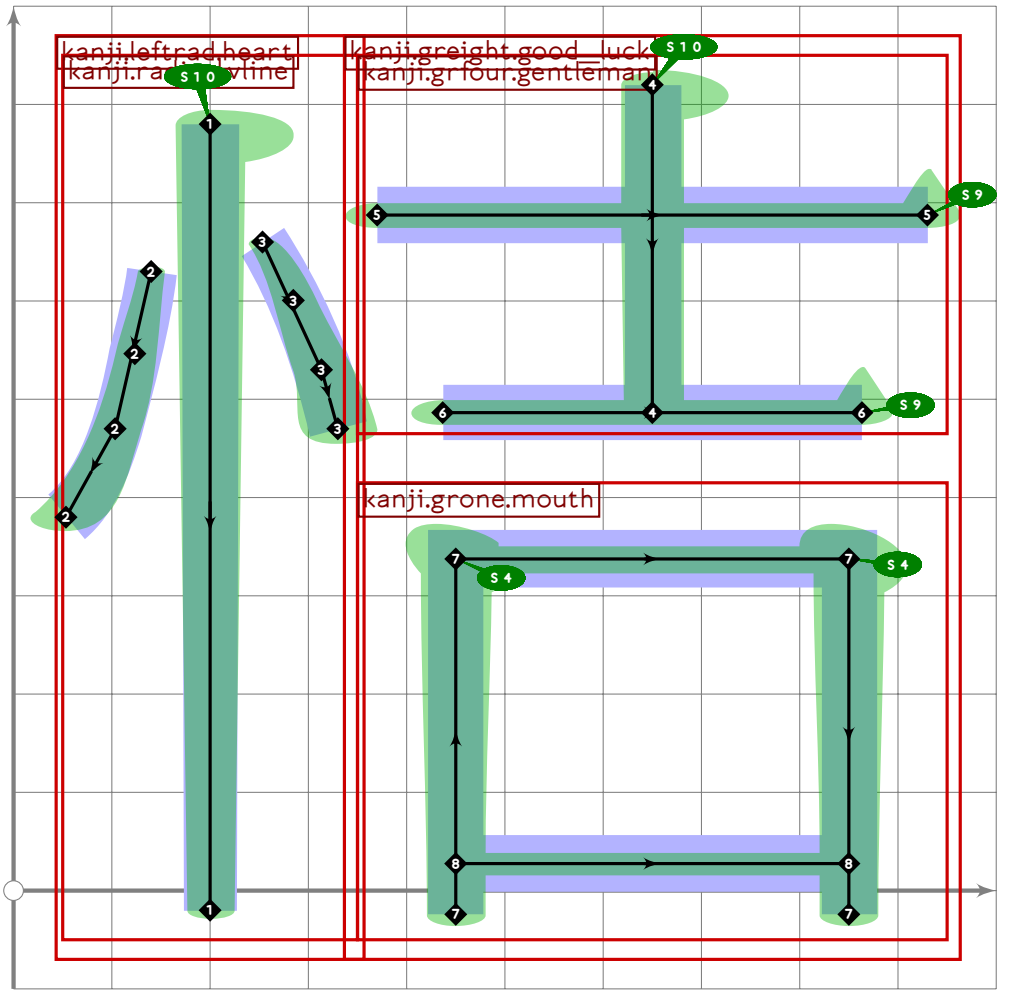
```




```
% extra
begintsuglyph("uni6043",67);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (kanji.grtwo.temple));
  tsu_render;
endtsuglyph;

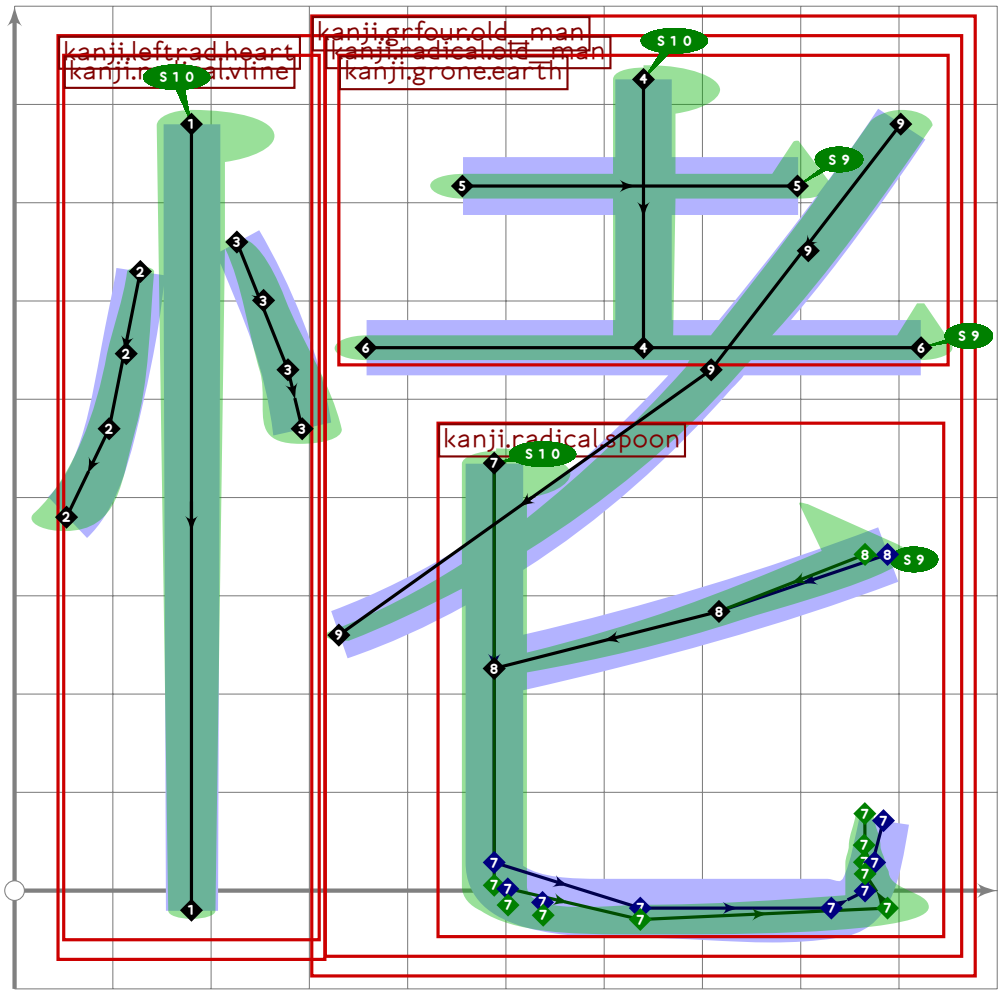
```

U+6044
tsuku.uni6044




```
% extra
begintsuglyph("uni6044",68);
  build_kanji.level(build_kanji.lr(350,0)
    (kanji.leftrad.heart)
    (kanji.greight.good_luck));
  tsu_render;
endtsuglyph;

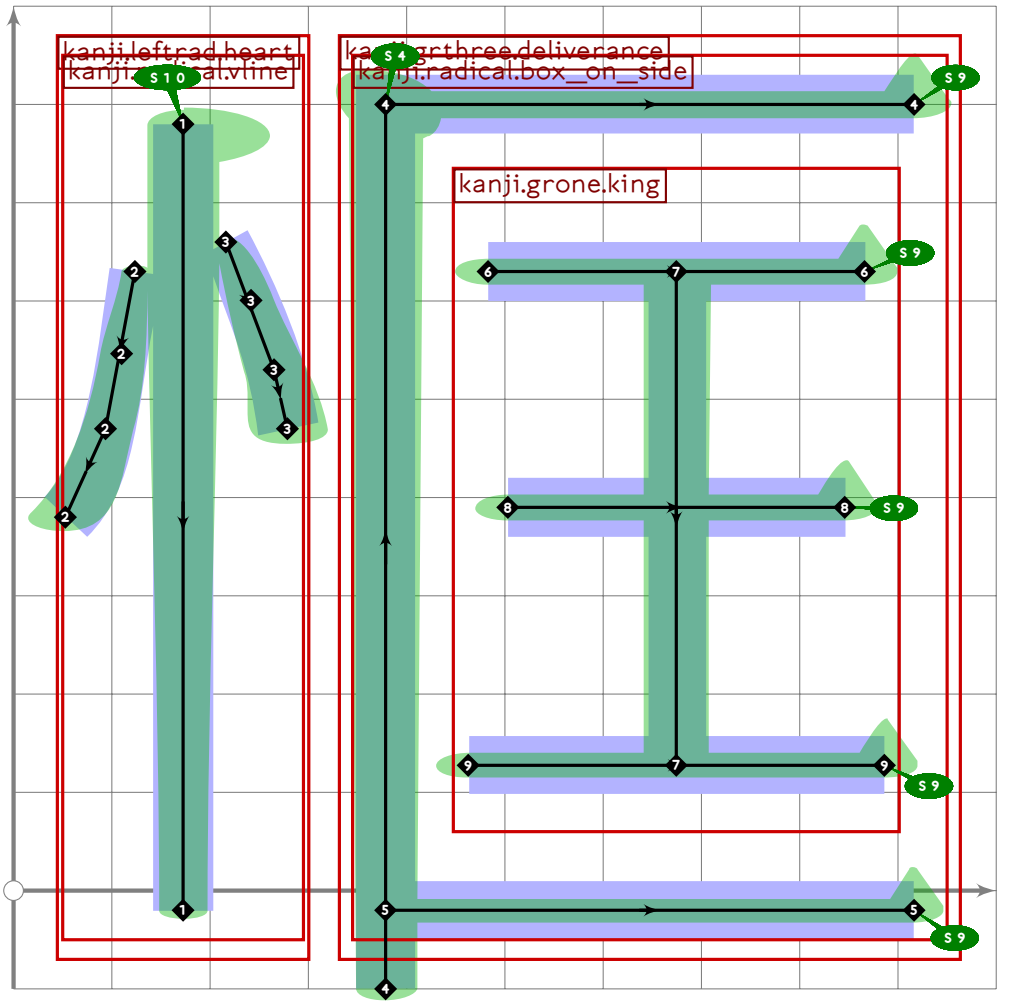
```




```
% extra
begintsuglyph("uni6045",69);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (kanji.grfour.old_man));
  tsu_render;
endtsuglyph;

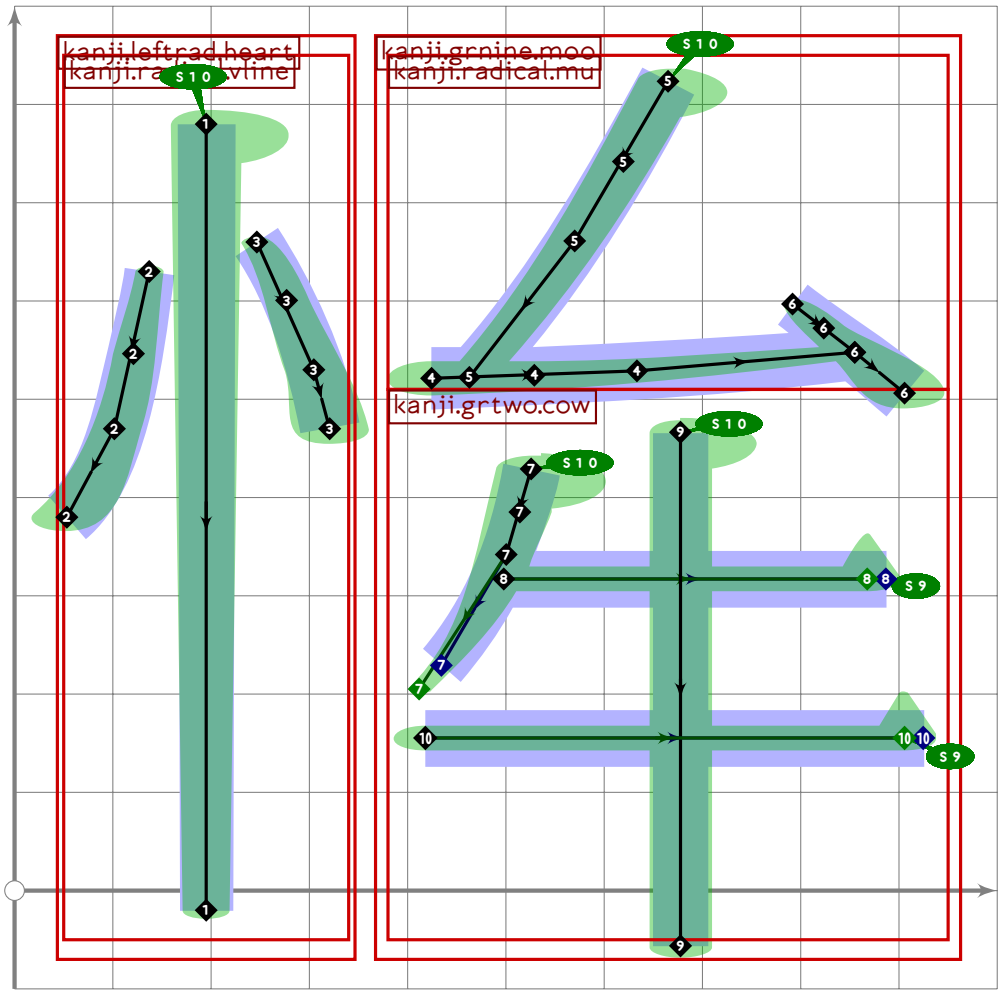
```

U+6047
tsuku.uni6047




```
% extra
begintsuglyph("uni6047",71);
  build_kanji.level(build_kanji.lr(320,-50)
    (kanji.leftrad.heart)
    (kanji.grnine.deliverance));
  tsu_render;
endtsuglyph;

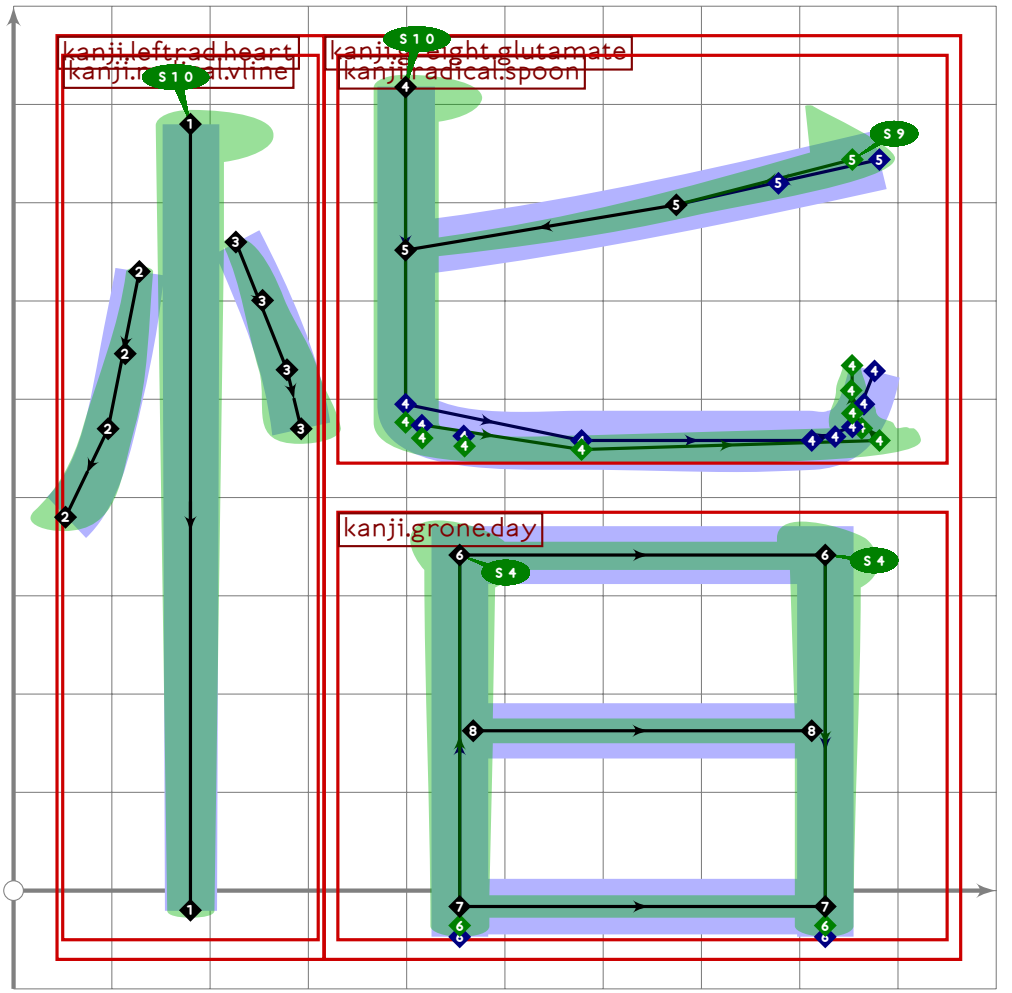
```




```
% bou/musaborioshimu "no meaning given"
begintsuglyph("uni6048",72);
  build_kanji.level(build_kanji.lr(360,-40)
    (kanji.leftrad.heart)
    (kanji.grnine.moo));
  tsu_render;
endtsuglyph;

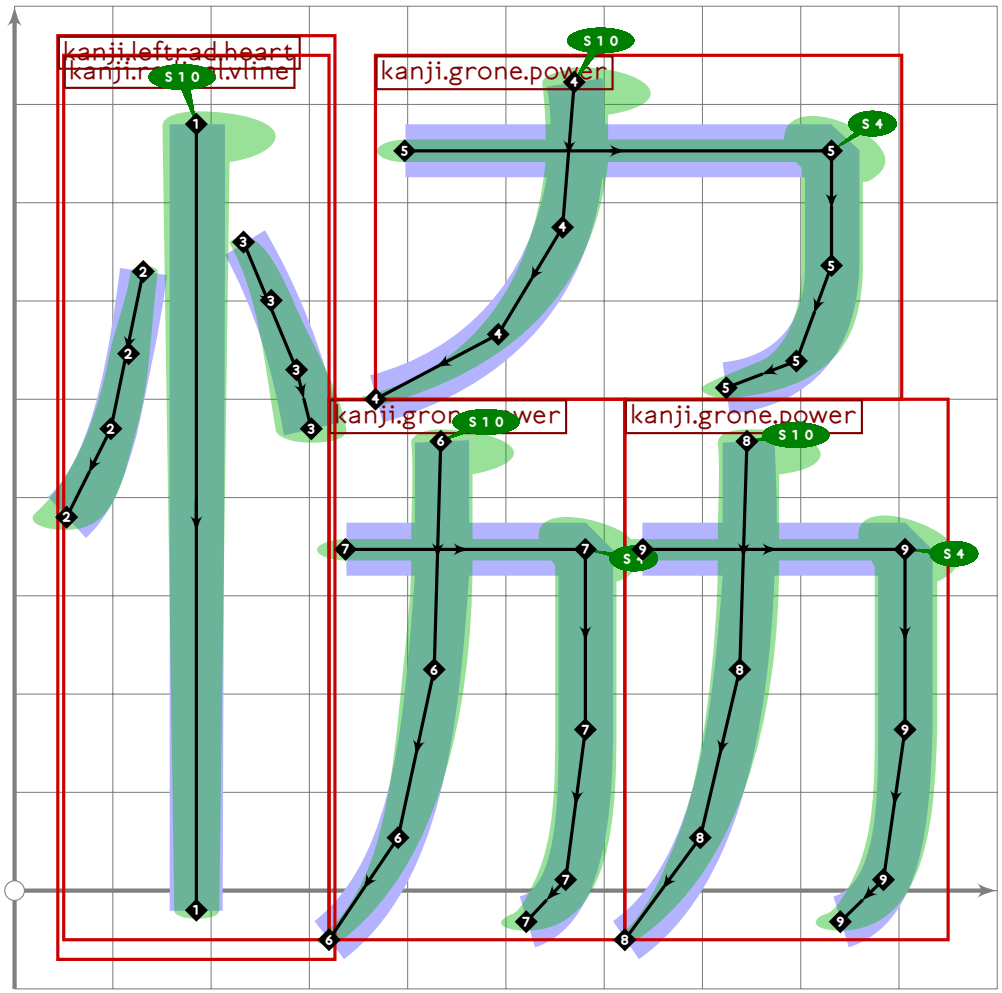
```

U+6049
tsuku.uni6049




```
% extra
begintsuglyph("uni6049",73);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (kanji.greight.glutamate));
  tsu_render;
endtsuglyph;

```

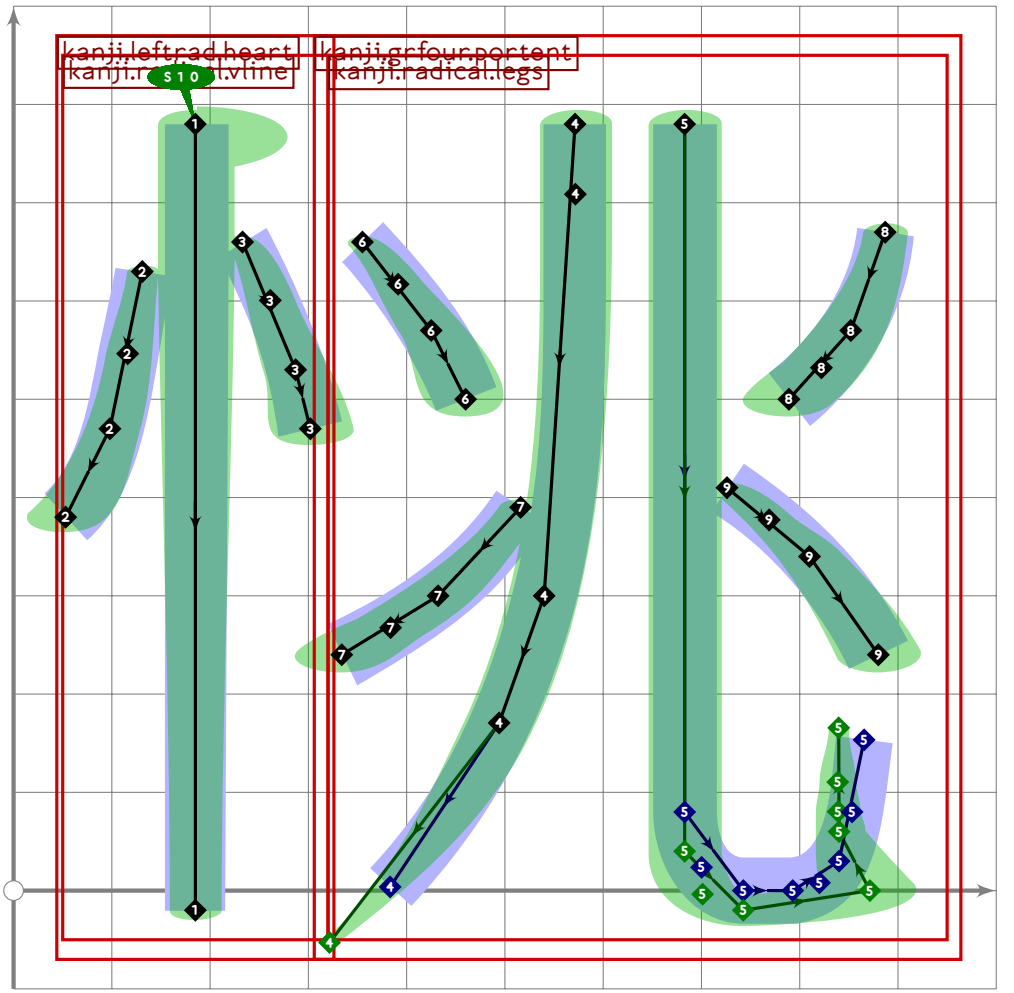



```
% extra
begintsuglyph("uni604A",74);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.tricluster(0.85)
        (kanji.grone.power)
        (kanji.grone.power)
        (kanji.grone.power)));
  tsu_render;
endtsuglyph;

% koi/ren "love" ("take" side of "give and take")
begintsuglyph("uni604B",75);
  kanji.greight.desire;
  tsu_render;
endtsuglyph;
```

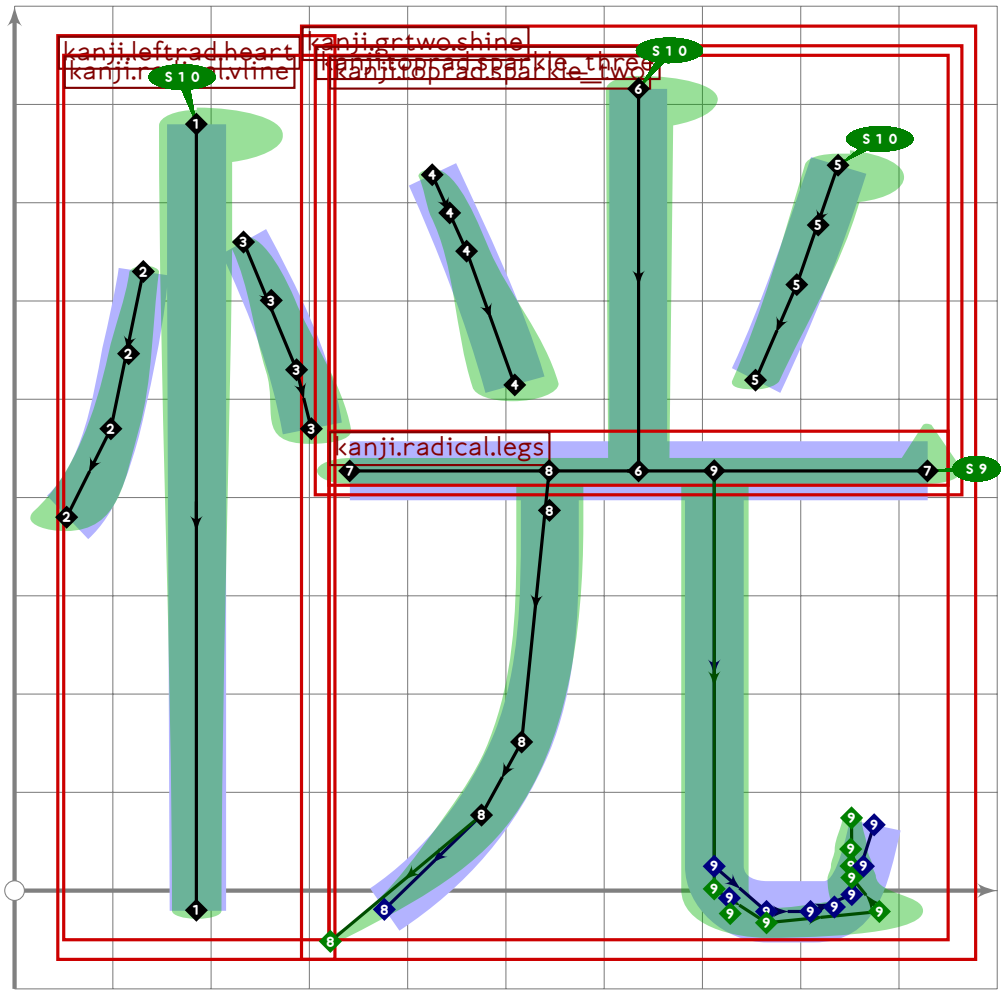
[see page 2375]

U+604C
tsuku.uni604C




```
% chou/usui "frivolous"
begintsuglyph("uni604C",76);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.portent));
  tsu_render;
endtsuglyph;

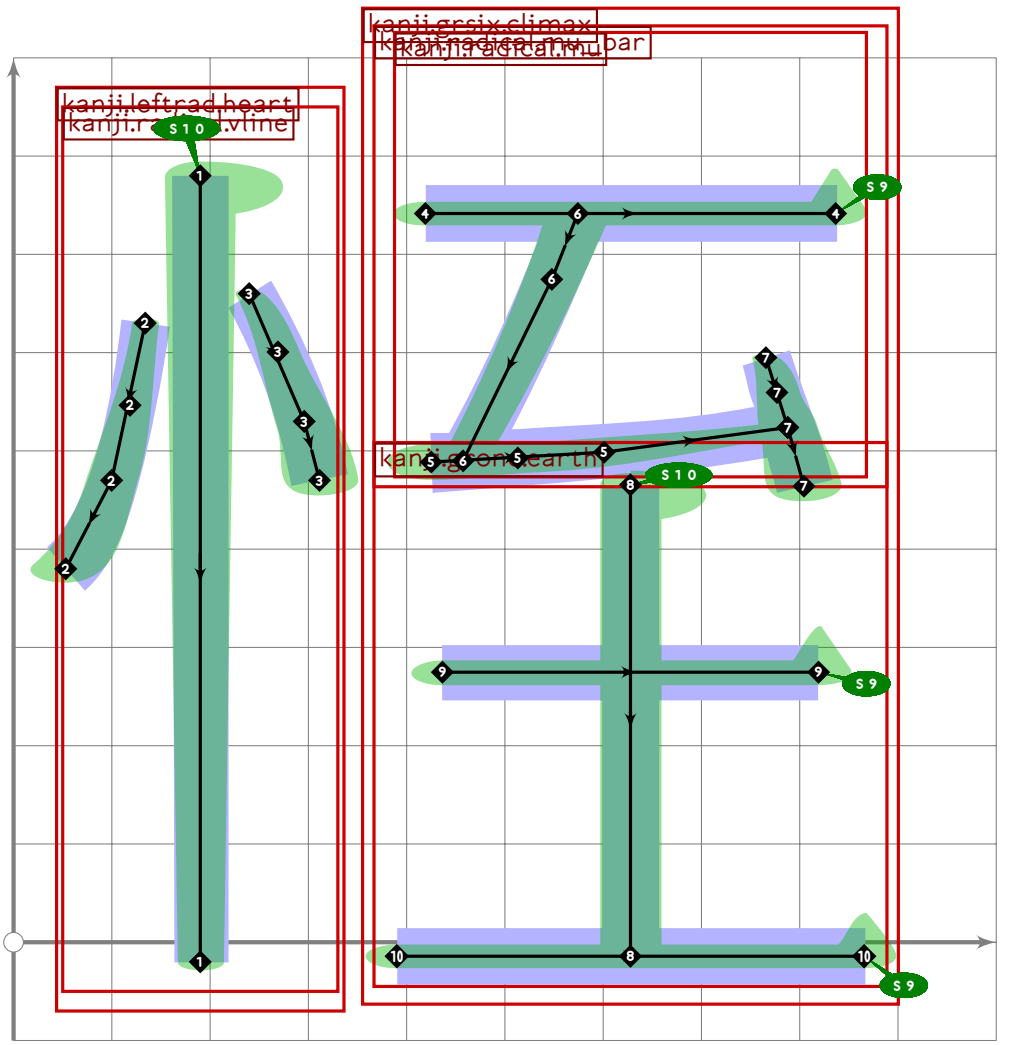
```



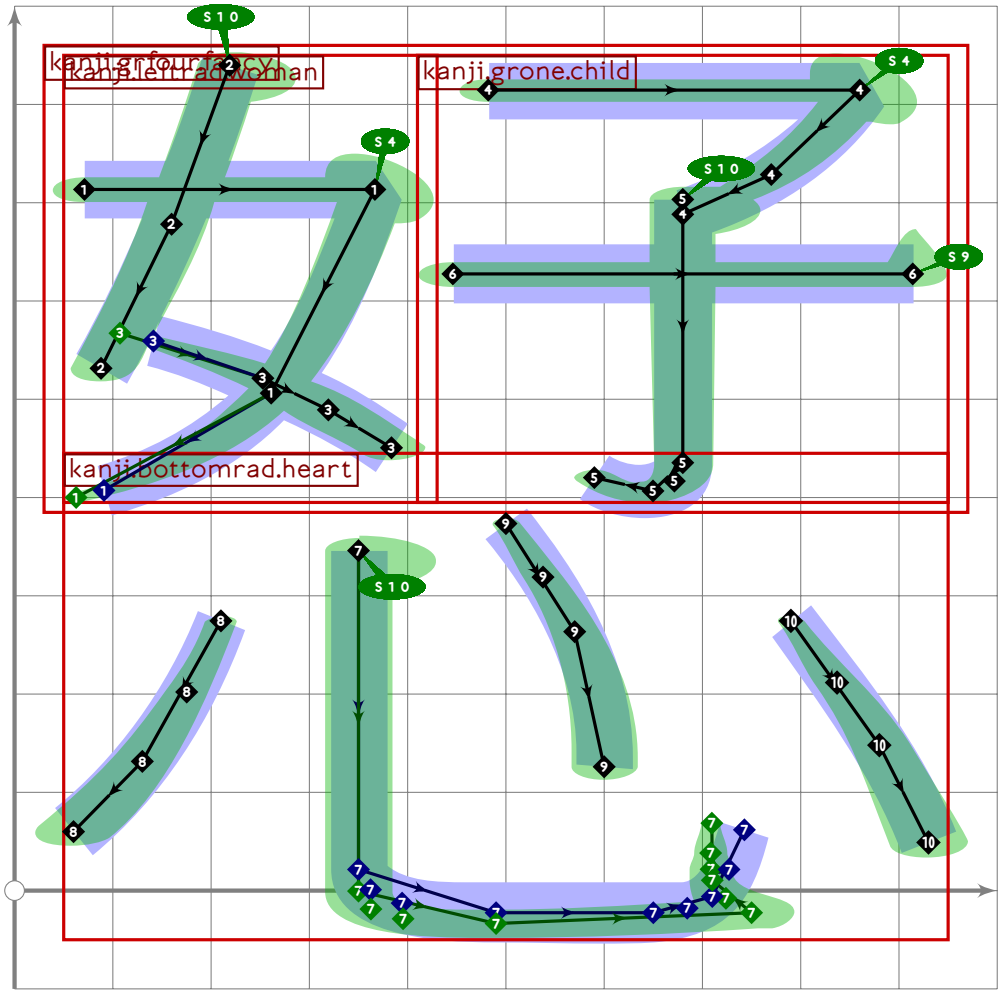

```
% kou/tobokeru "dotage"
begintsuglyph("uni604D",77);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.shine));
  tsu_render;
endtsuglyph;

```

U+604E
tsuku.uni604E



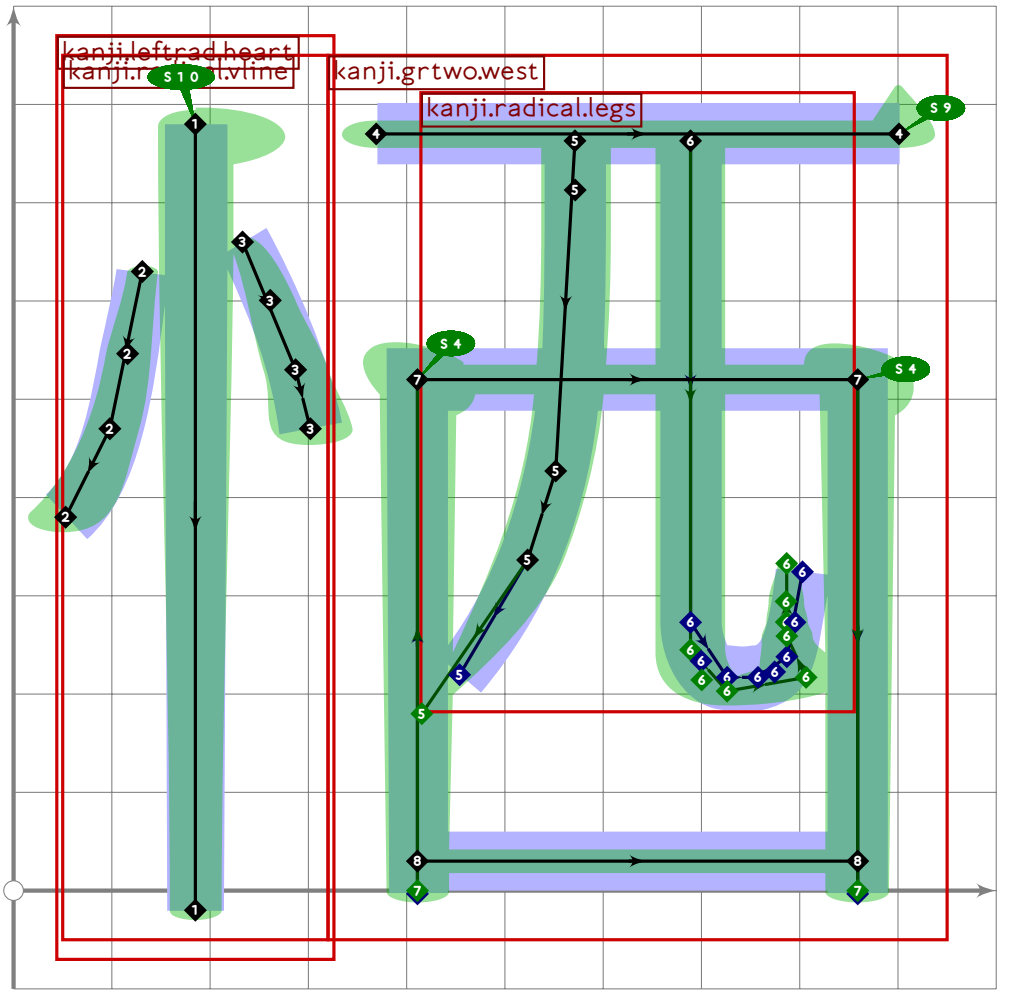

```
753 % extra
754 begintsuglyph("uni604E",78);
755   build_kanji.level(build_kanji.lr(350,-40)
756     (kanji.leftrad.heart)
757     (tsu_xform(identity scaled 0.9)(kanji.grsix.climax)));
758   tsu_render;
759 endtsuglyph;
760
```




```
% extra
begintsuglyph("uni604F",79);
  build_kanji.level(build_kanji.tb(420,50)
    (kanji.grfour.fancy)
    (kanji.bottomrad.heart));
  tsu_render;
endtsuglyph;

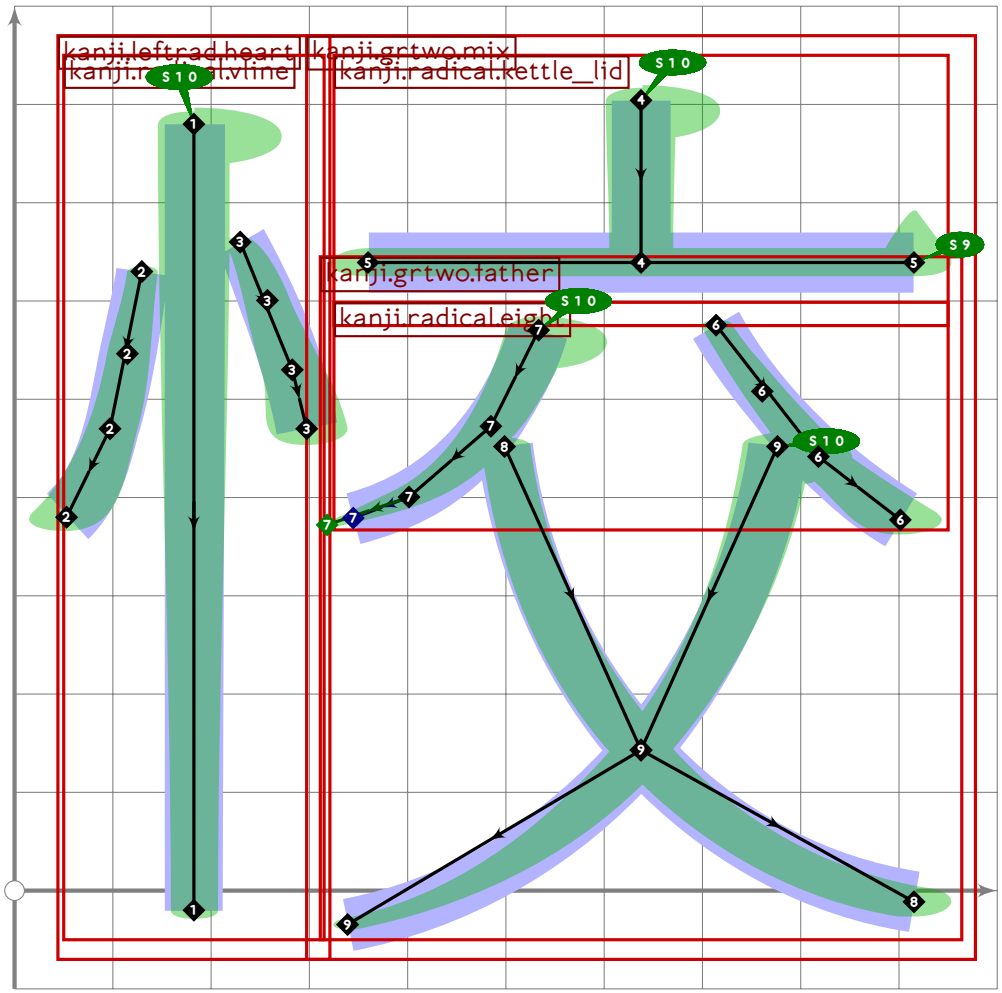
```

U+6053
tsuku.uni6053




```
% extra
begintsuglyph("uni6053",83);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.west));
  tsu_render;
endtsuglyph;

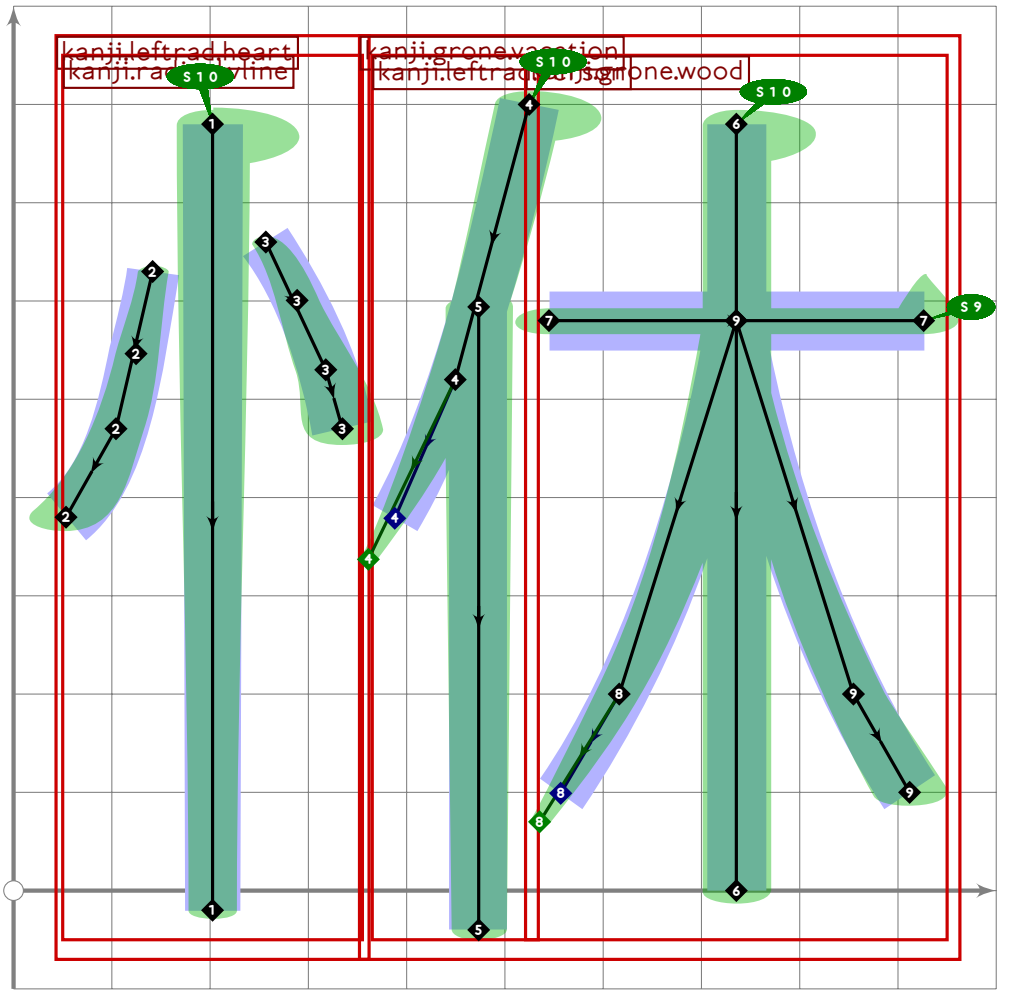
```




```
% kyou/satoi "cheerful"
begintsuglyph("uni6054",84);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (kanji.grtwo.mix));
  tsu_render;
endtsuglyph;

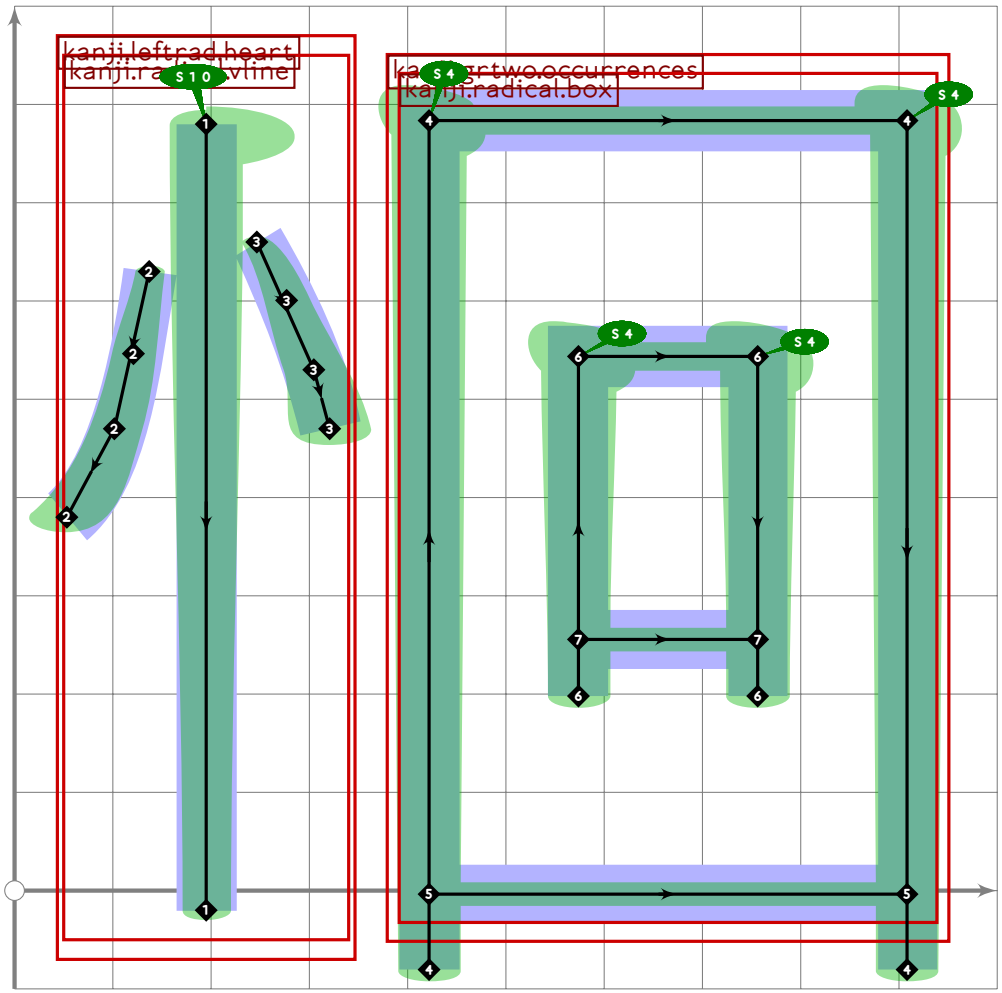
```

U+6058
tsuku.uni6058




```
% extra
begintsuglyph("uni6058",88);
  build_kanji.level(build_kanji.lr(360,-10)
    (kanji.leftrad.heart)
    (kanji.grone.vacation));
  tsu_render;
endtsuglyph;

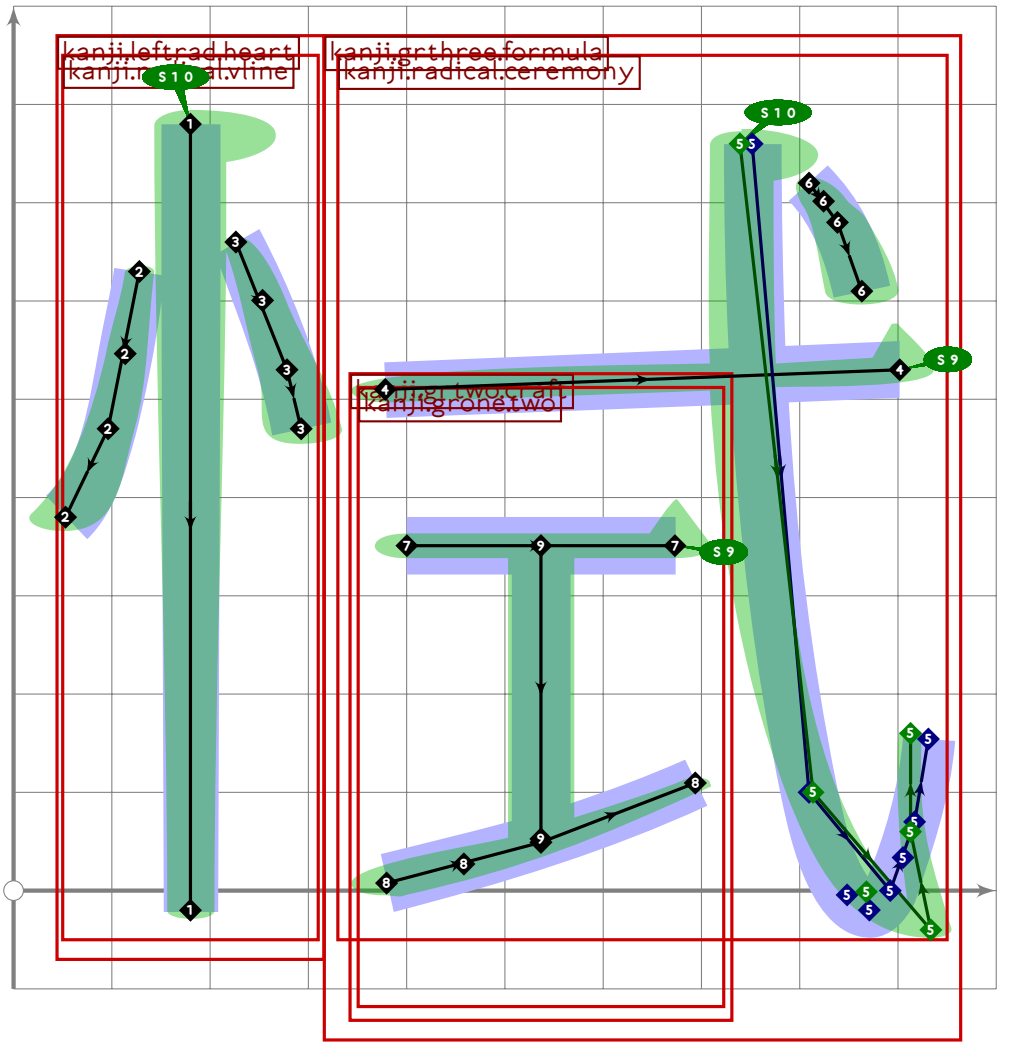
```




```
% extra
begintsuglyph("uni605B",91);
  build_kanji.level(build_kanji.lr(360,-40)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled  0.96)(kanji.grtwo.occurrences)));
  tsu_render;
endtsuglyph;

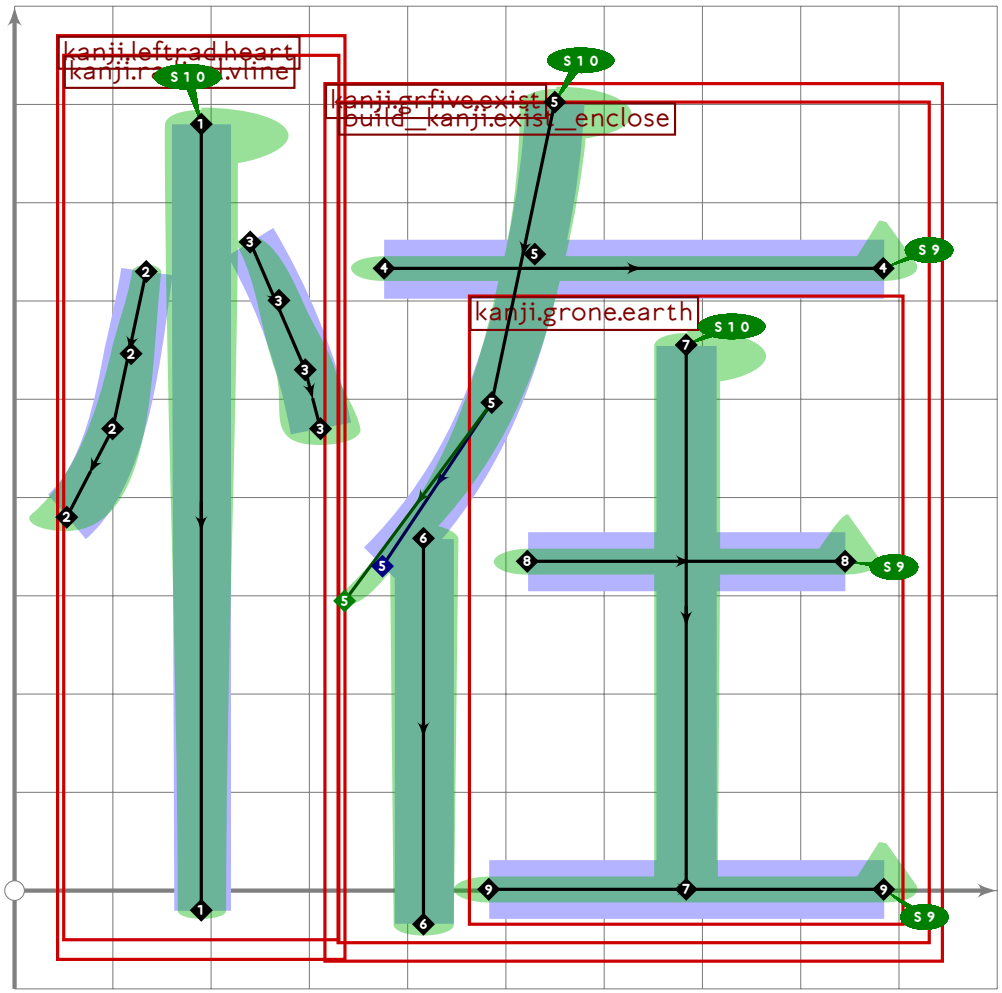
```

U+605C
tsuku.uni605C




```
% extra
begintsuglyph("uni605C",92);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (kanji.grthree.formula));
  tsu_render;
endtsuglyph;

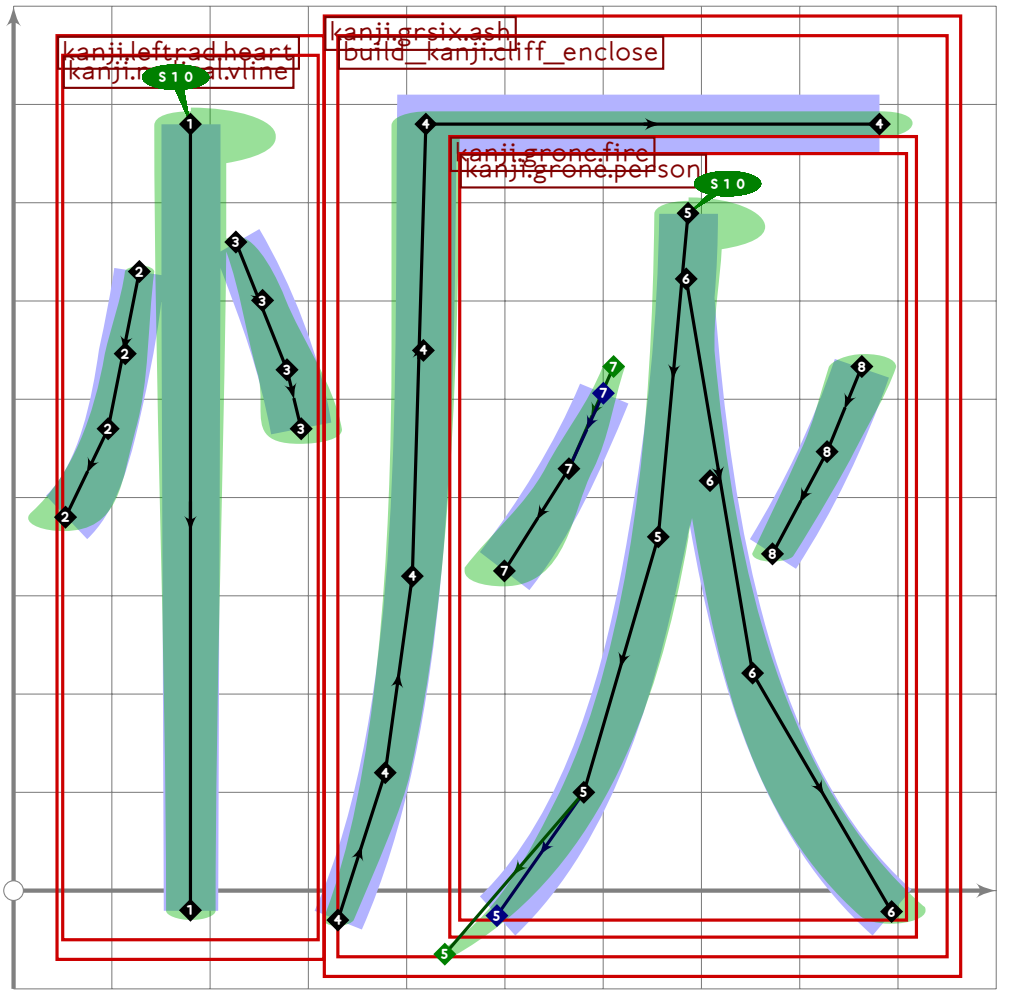
```




```
% kai/ayashii "apparition"
begintsuglyph("uni6060",96);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.94 shifted (0,-20))(kanji.grfive.exist)));
  tsu_render;
endtsuglyph;

```

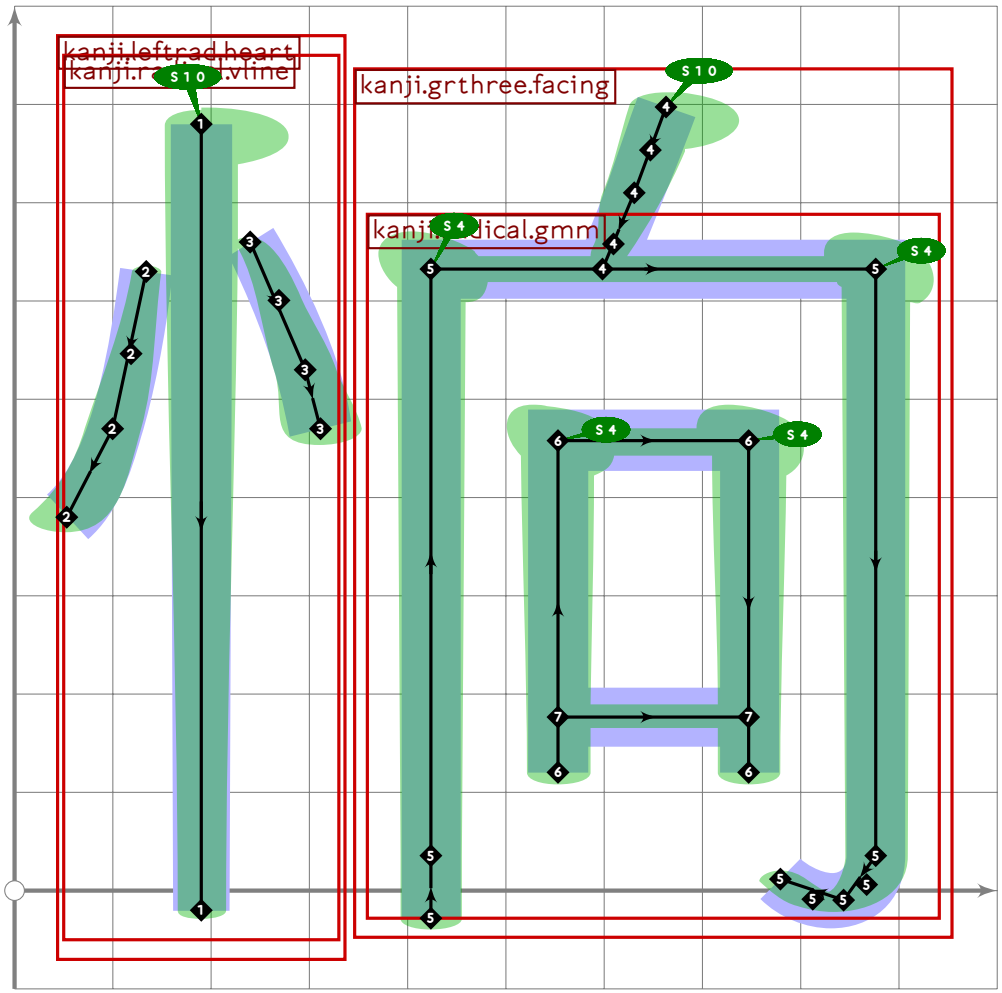
U+6062
tsuku.uni6062




```
% kai/hiroi "wide"
begintsuglyph("uni6062",98);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted(0,20))(kanji.grsix.ash)));
  tsu_render;
endtsuglyph;

% jyutsu/megumu "have mercy"
begintsuglyph("uni6064",100);
  kanji.grnine.have_mercy;
  tsu_render;
endtsuglyph;
```

[see page 2387]

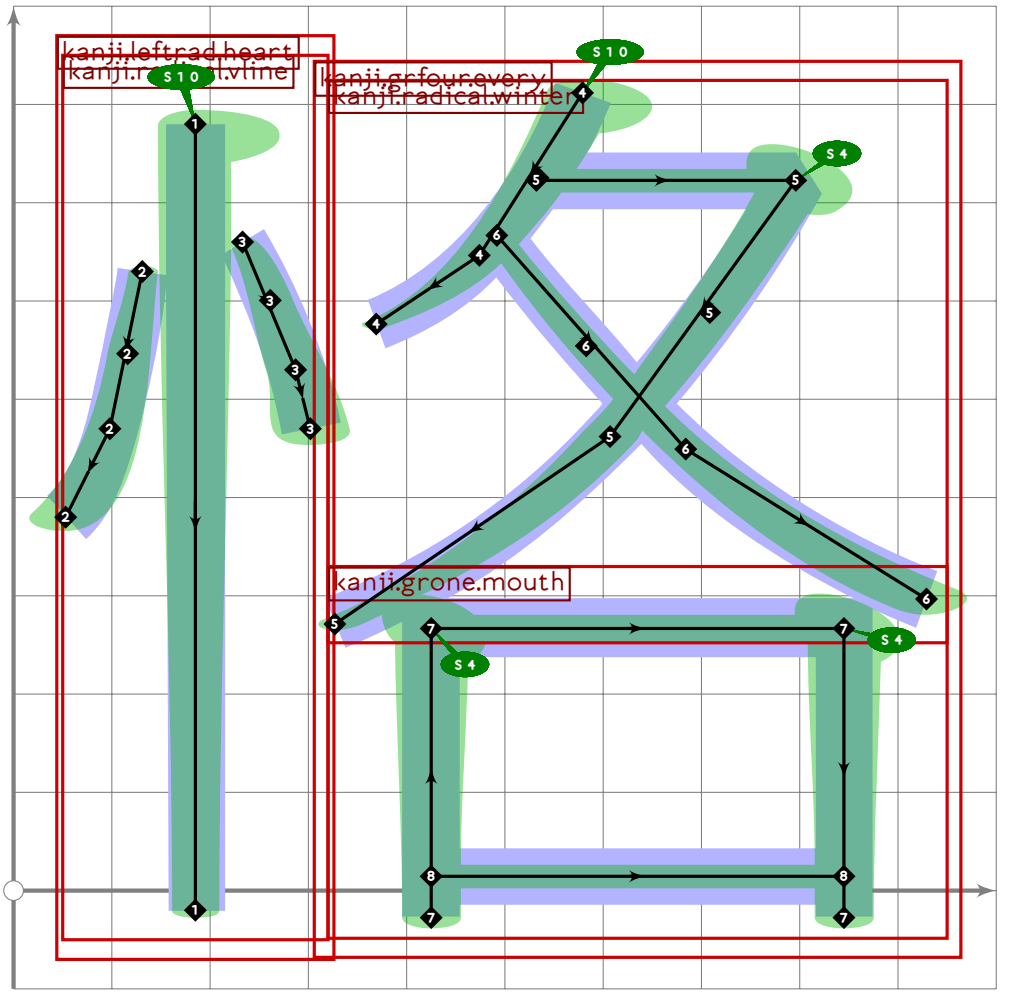



```
% extra
begintsuglyph("uni6066",102);
  build_kanji.level(build_kanji.lr(340,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.97)(kanji.grthree.facing)));
  tsu_render;
endtsuglyph;

% kon/uramu "grudge"
begintsuglyph("uni6068",104);                                [see page 2379]
  kanji.greight.grudge;
  tsu_render;
endtsuglyph;

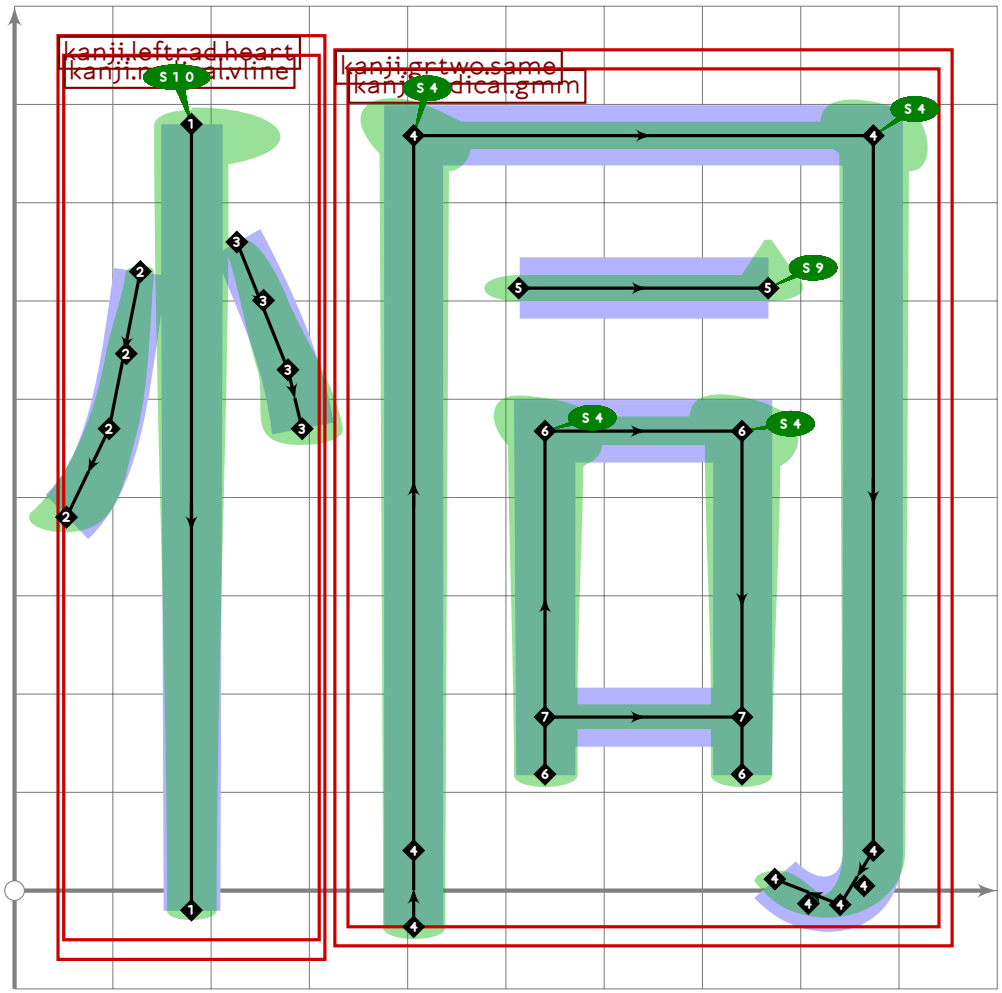
% on/megumi "gratitude"
begintsuglyph("uni6069",105);                                [see page 2373]
  kanji.grfive.gratitude;
  tsu_render;
endtsuglyph;
```

U+606A
tsuku.uni606A




```
% kaku/tsutsushimu "carefulness"
begintsuglyph("uni606A",106);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (tsu_xform(identity yscaled 0.97)(kanji.grfour.every)));
  tsu_render;
endtsuglyph;

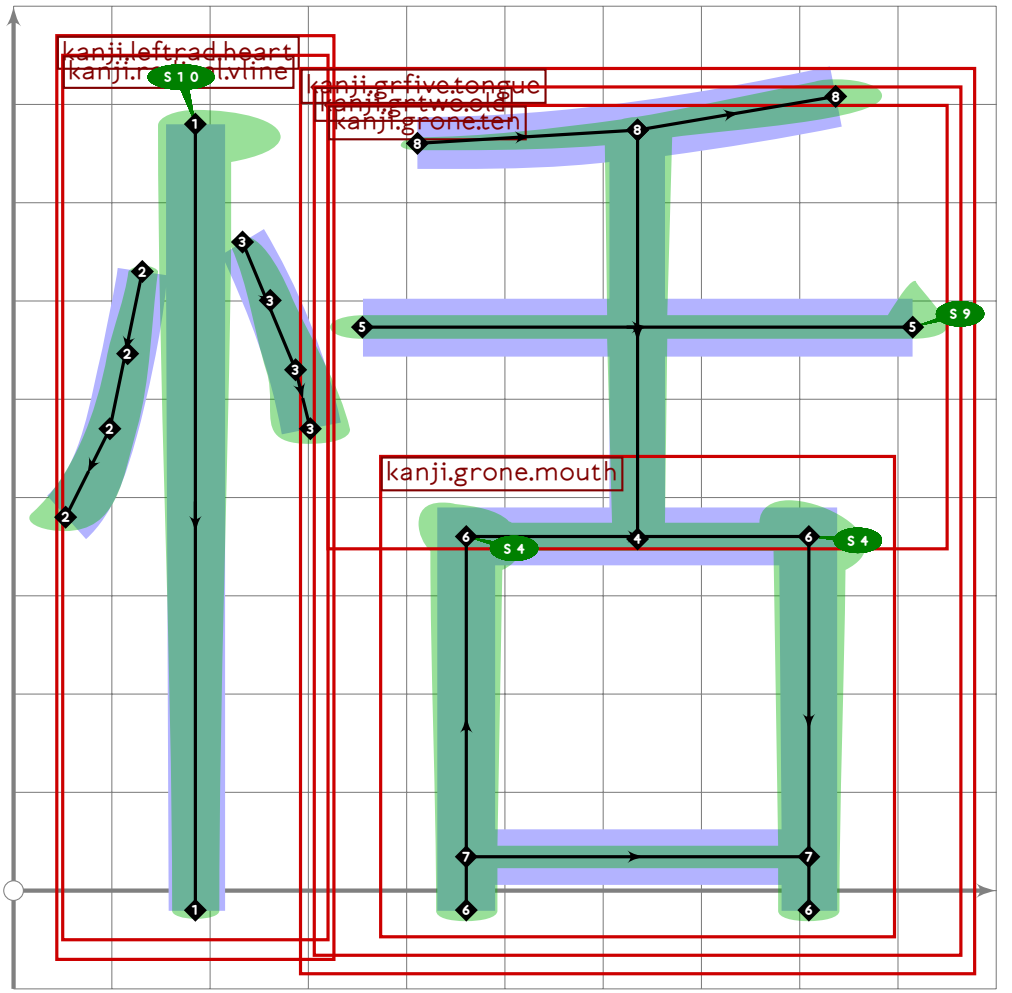
```




```
% dou/itamu "fearful"
begintsuglyph("uni606B",107);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.97)(kanji.grtwo.same)));
  tsu_render;
endtsuglyph;

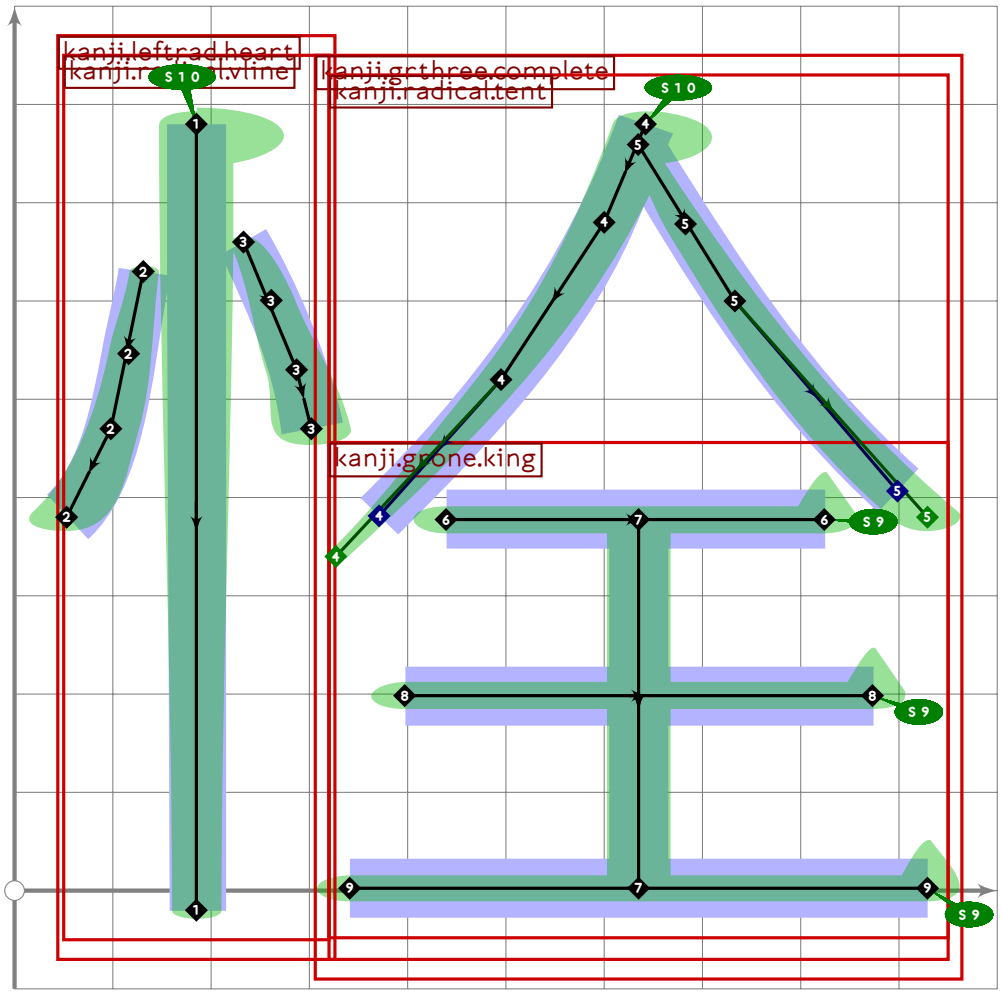
```

U+606C
tsuku.uni606C




```
% ten/yasuraku "nonchalance"
begintsuglyph("uni606C",108);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (tsu_xform(identity yscaled 0.94)(kanji.grfive.tongue)));
  tsu_render;
endtsuglyph;

```



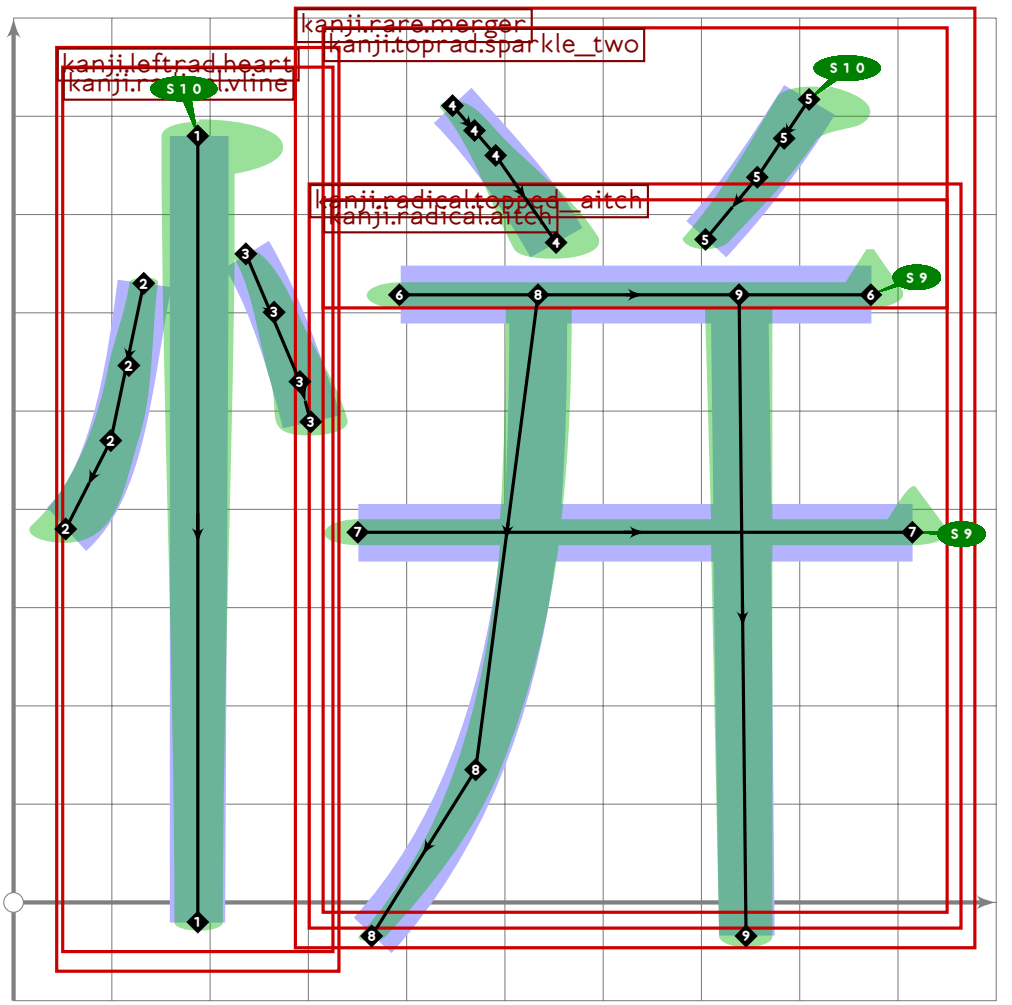

```
% extra
begintsuglyph("uni606E",110);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,-20))(kanji.grthree.complete)));
  tsu_render;
endtsuglyph;

% soku/iki "breath"
begintsuglyph("uni606F",111);                                    [see page 2367]
  kanji.grthree.breath;
  tsu_render;
endtsuglyph;

% kou/atakamo "just as"
begintsuglyph("uni6070",112);                                    [see page 2388]
  kanji.grnine.just_as;
  tsu_render;
endtsuglyph;

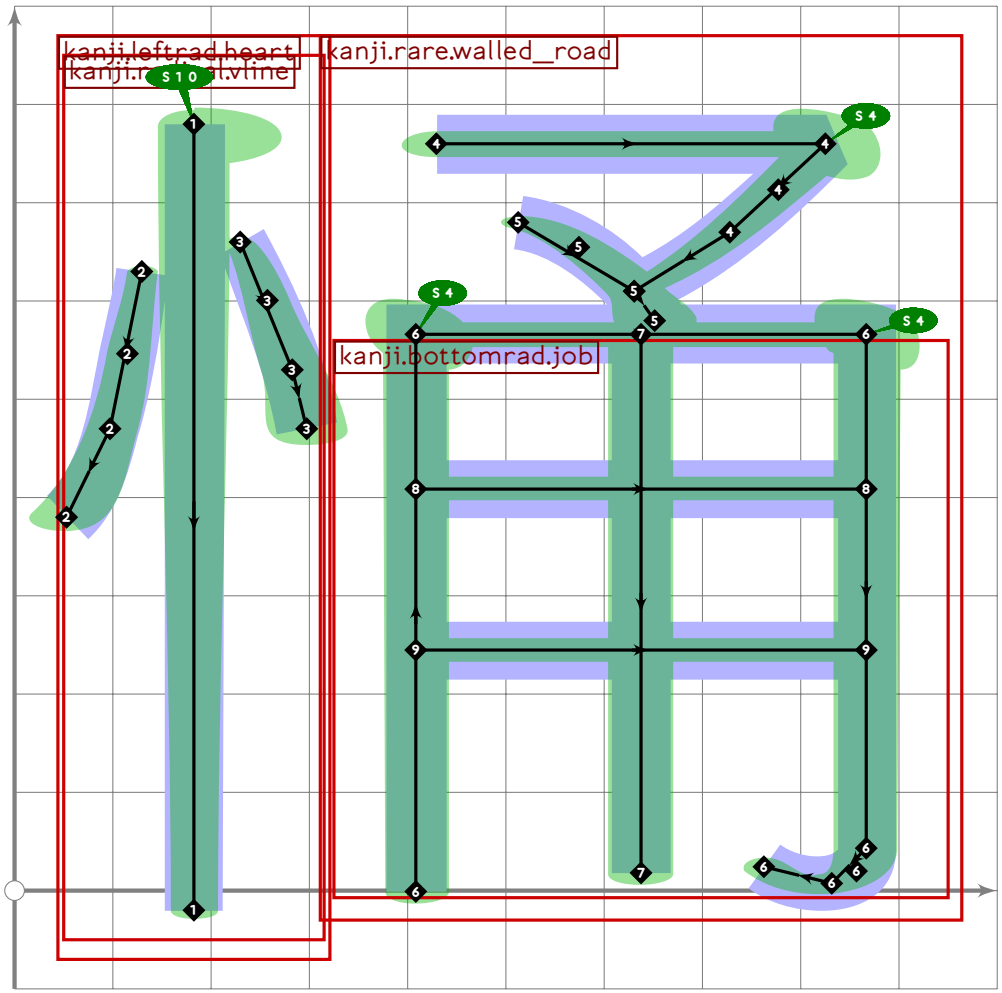
```

U+6072
tsuku.uni6072




```
% extra
begintsuglyph("uni6072",114);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.7) of oldp);
     replace_strokeq(0)(subpath (0,1.7) of oldq))
    (build_kanji.sscale(shifted (0,40))(kanji.rare.merger)));
  tsu_render;
endtsuglyph;

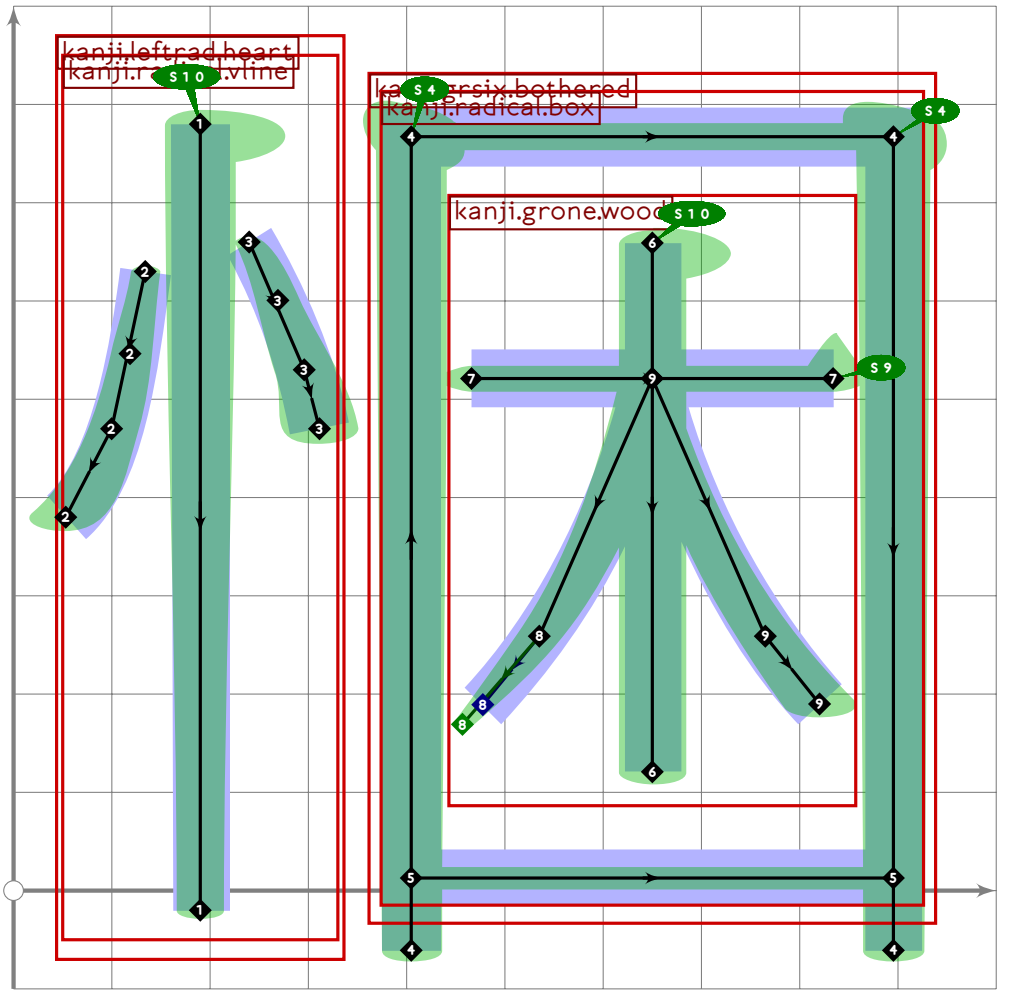
```




```
% extra
begintsuglyph("uni6080",128);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,20))(kanji.rare.walled_road)));
  tsu_render;
endtsuglyph;

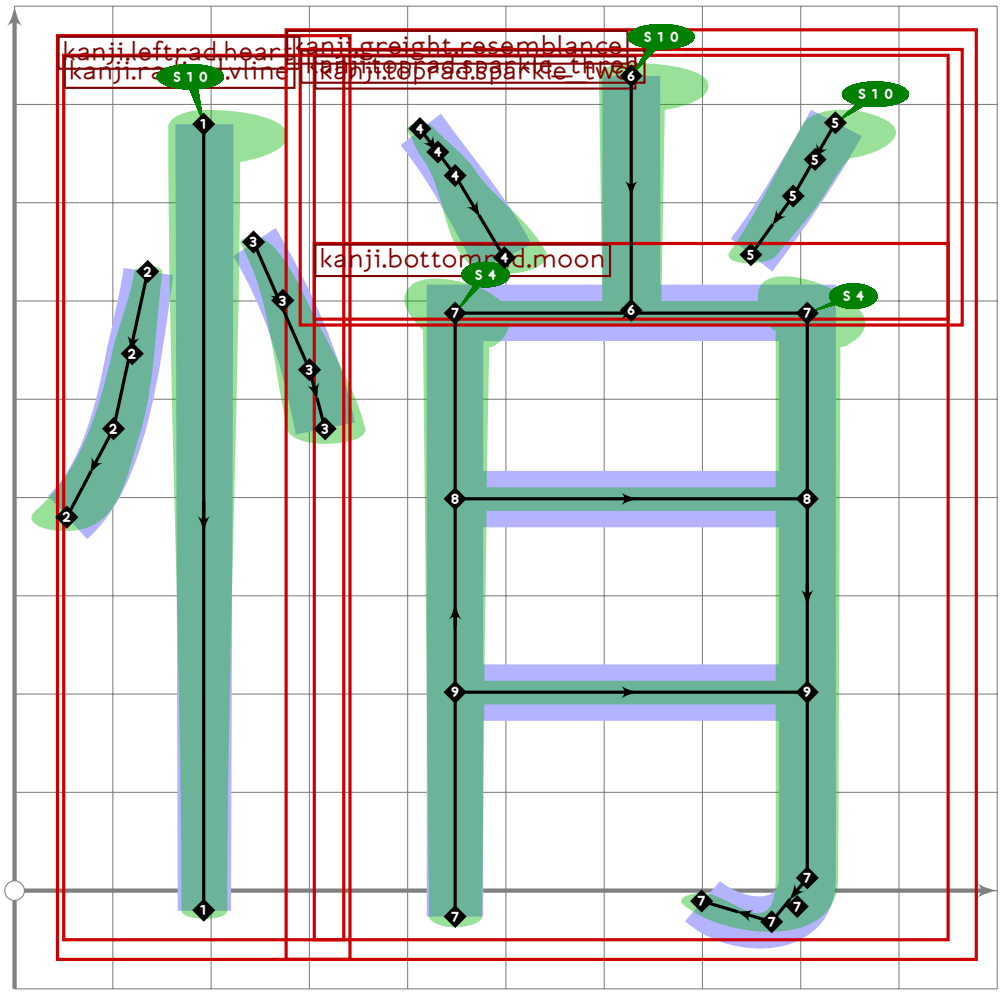
```

U+6083
tsuku.uni6083




```
% kon/agokoro "sincerity"
begintsuglyph("uni6083",131);
  build_kanji.level(build_kanji.lr(340,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.92)(kanji.grsix.bothered)));
  tsu_render;
endtsuglyph;

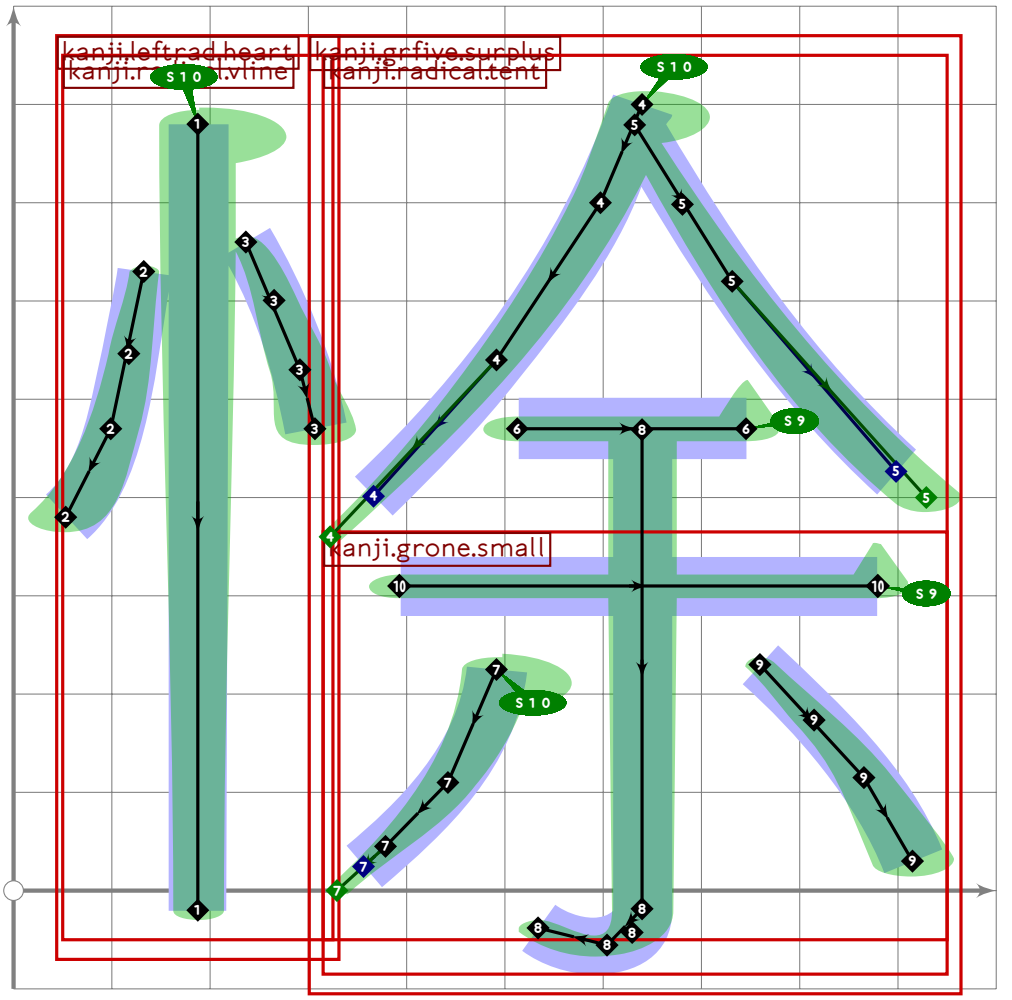
```




```
% shou/ureeru "anxiety"
begintsuglyph("uni6084",132);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart)
    (kanji.greight.resemblance));
  tsu_render;
endtsuglyph;

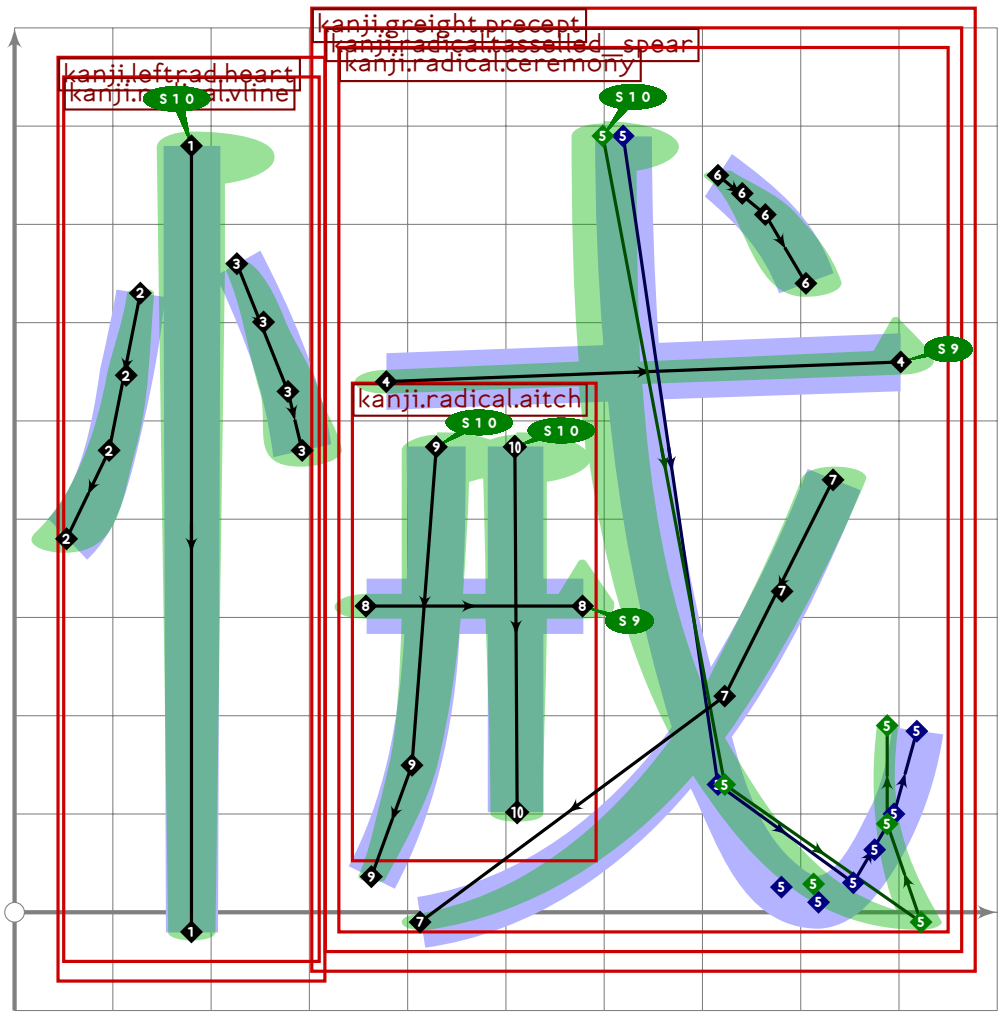
```

U+6087
tsuku.uni6087




```
% extra
begintsuglyph("uni6087",135);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grfive.surplus));
  tsu_render;
endtsuglyph;

```

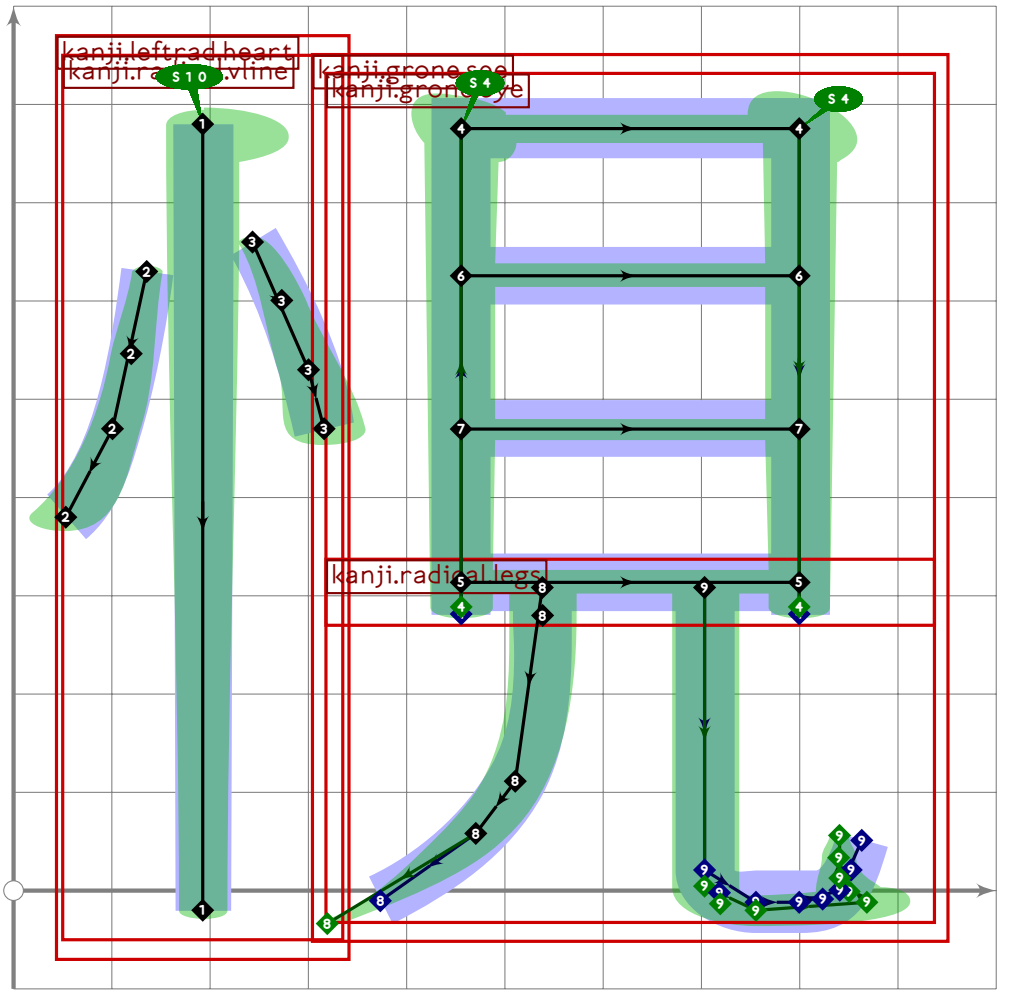



```
% kai/totonoeru "no meaning specified"
begintsuglyph("uni6088",136);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,30))(kanji.greight.precept)));
  tsu_render;
endtsuglyph;

% tei/tomo "serving our elders"
begintsuglyph("uni608C",140);
  kanji.grnine.serving_our_elders;
  tsu_render;
endtsuglyph;
```

[see page 2390]

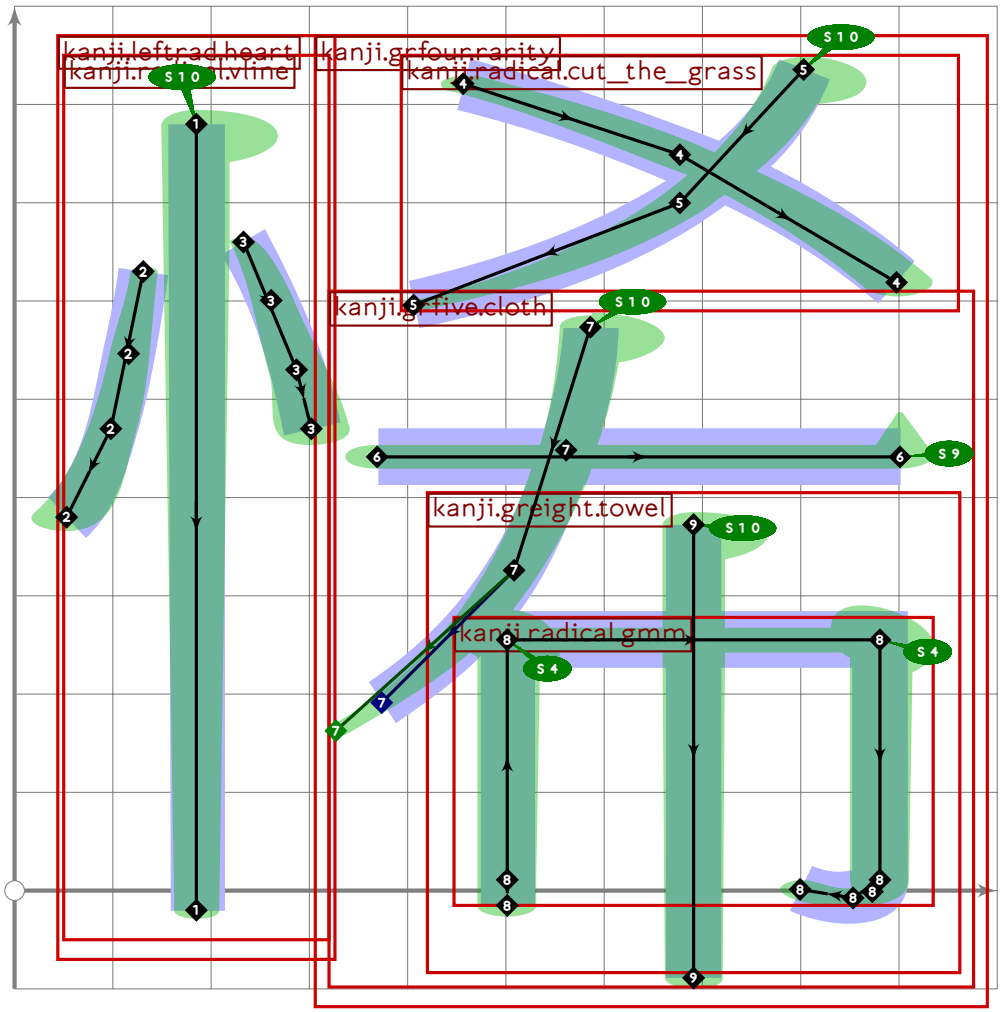
U+6093
tsuku.uni6093




```
% ken/tatoeru "no meaning specified"
begintsuglyph("uni6093",147);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.96)(kanji.grone.see)));
  tsu_render;
endtsuglyph;

% kai/kuiru "repent"
begintsuglyph("uni6094",148);
  kanji.greight.repent;
  tsu_render;
endtsuglyph;
```

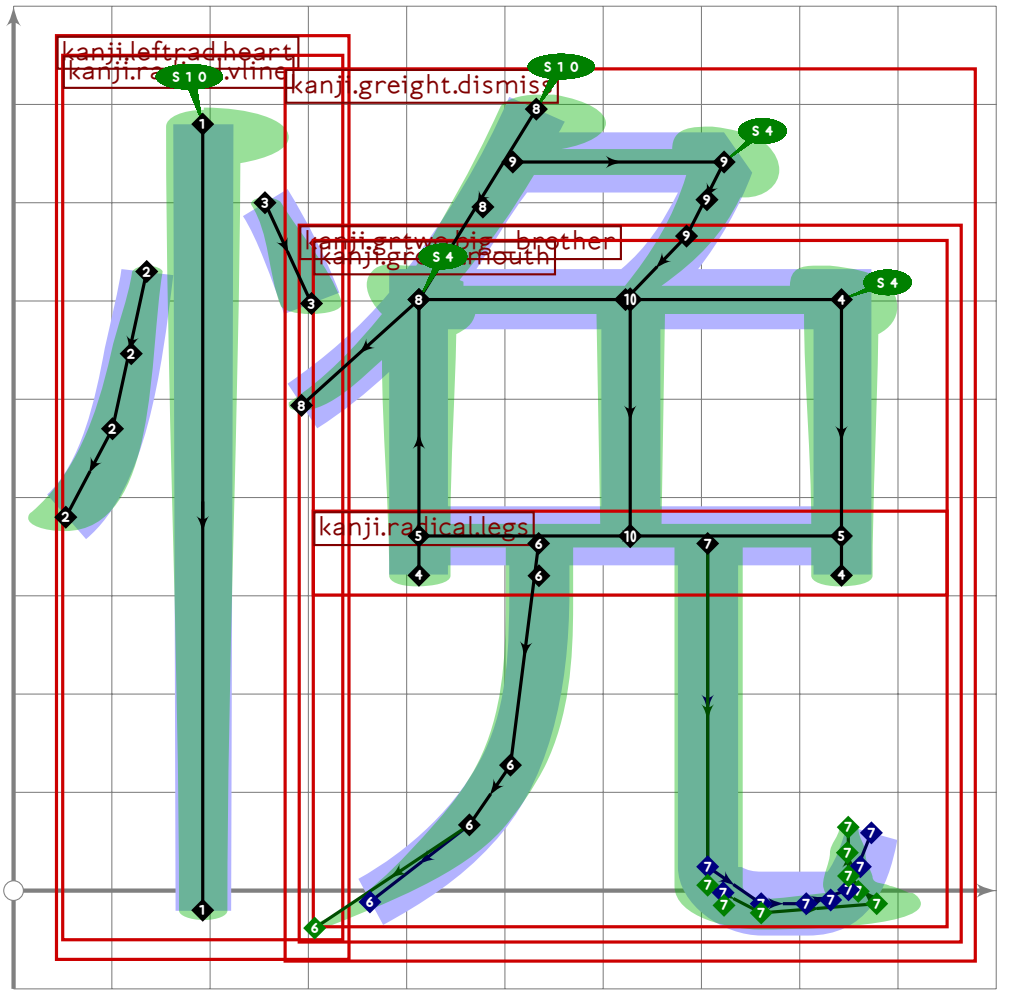
[see page 2383]




```
% ki/omou "lament"
begintsuglyph("uni6095",149);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.rarity));
  tsu_render;
endtsuglyph;

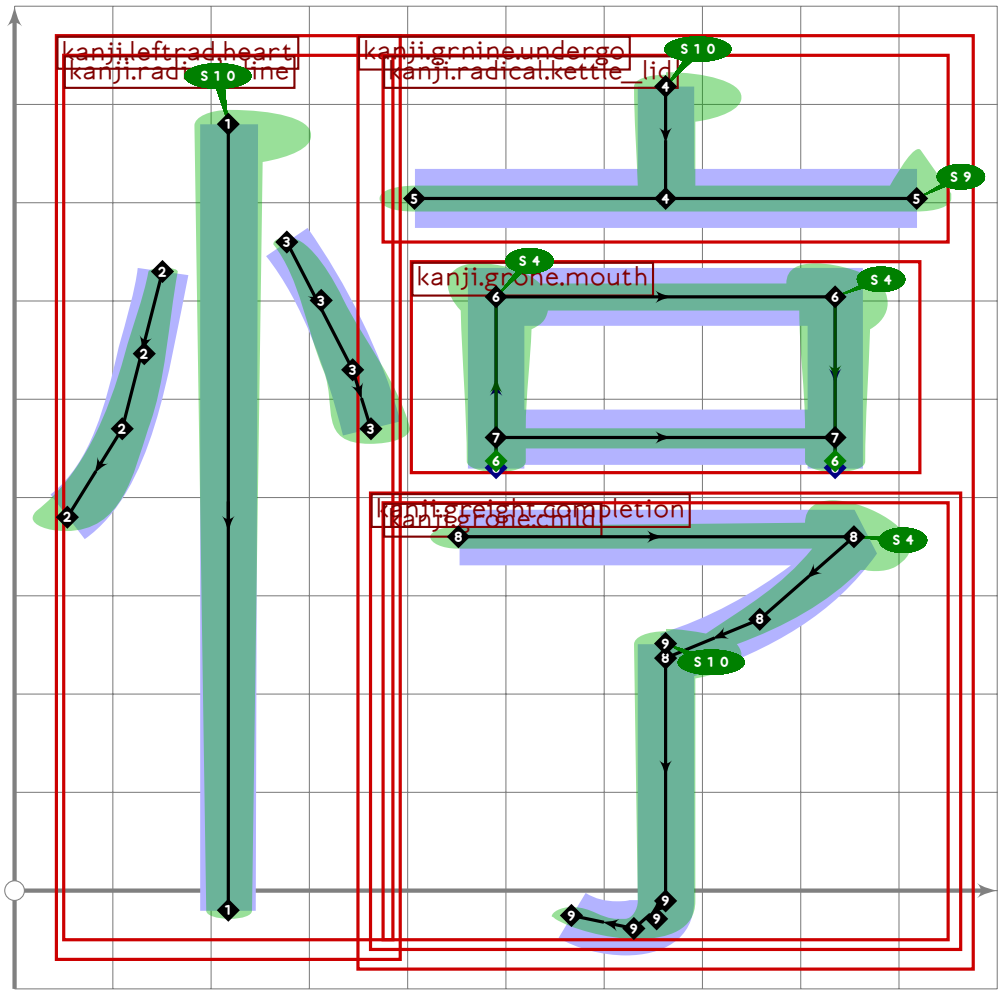
```

U+6097
tsuku.uni6097




```
% ban "be perplexed"
begintsuglyph("uni6097",151);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,0.8) of oldp shifted (40,40));
     replace_strokeq(0)(subpath (0,1) of oldq))
    (build_kanji.sscale(yscaled 0.97)(kanji.greight.dismiss)));
  tsu_render;
endtsuglyph;

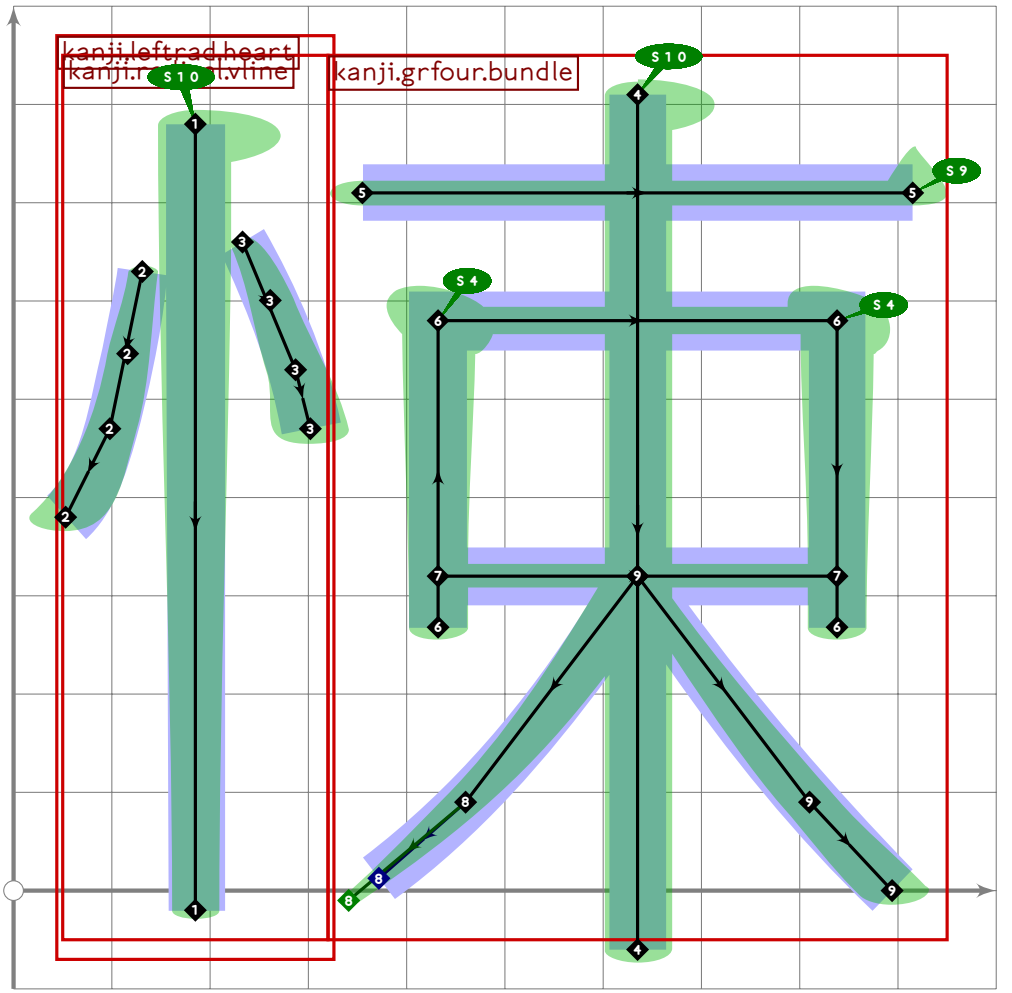
```




```
% extra
begintsuglyph("uni6099",153);
  build_kanji.level(build_kanji.lr(380,10)
    (kanji.leftrad.heart)
    (kanji.grnine.undergo));
  tsu_render;
endtsuglyph;

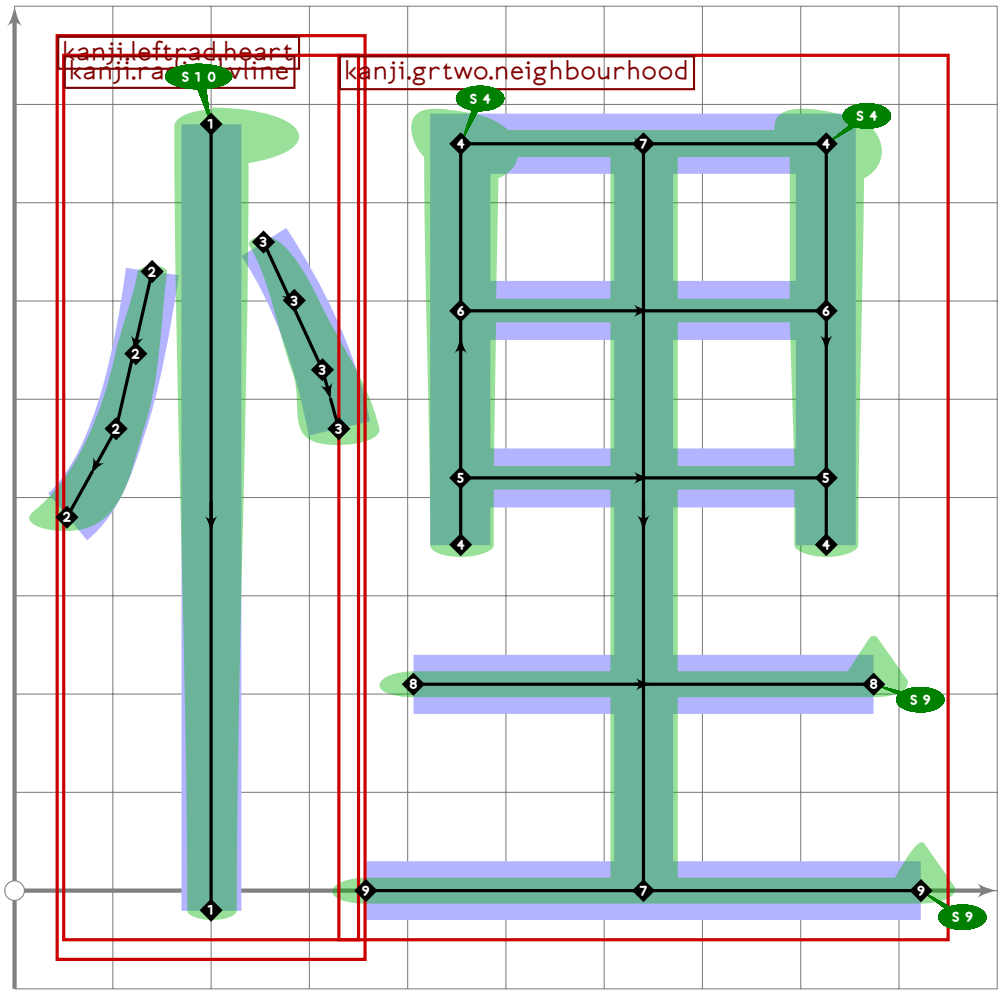
```

U+609A
tsuku.uni609A




```
% shou/osoreru "fear"
begintsuglyph("uni609A",154);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.bundle));
  tsu_render;
endtsuglyph;

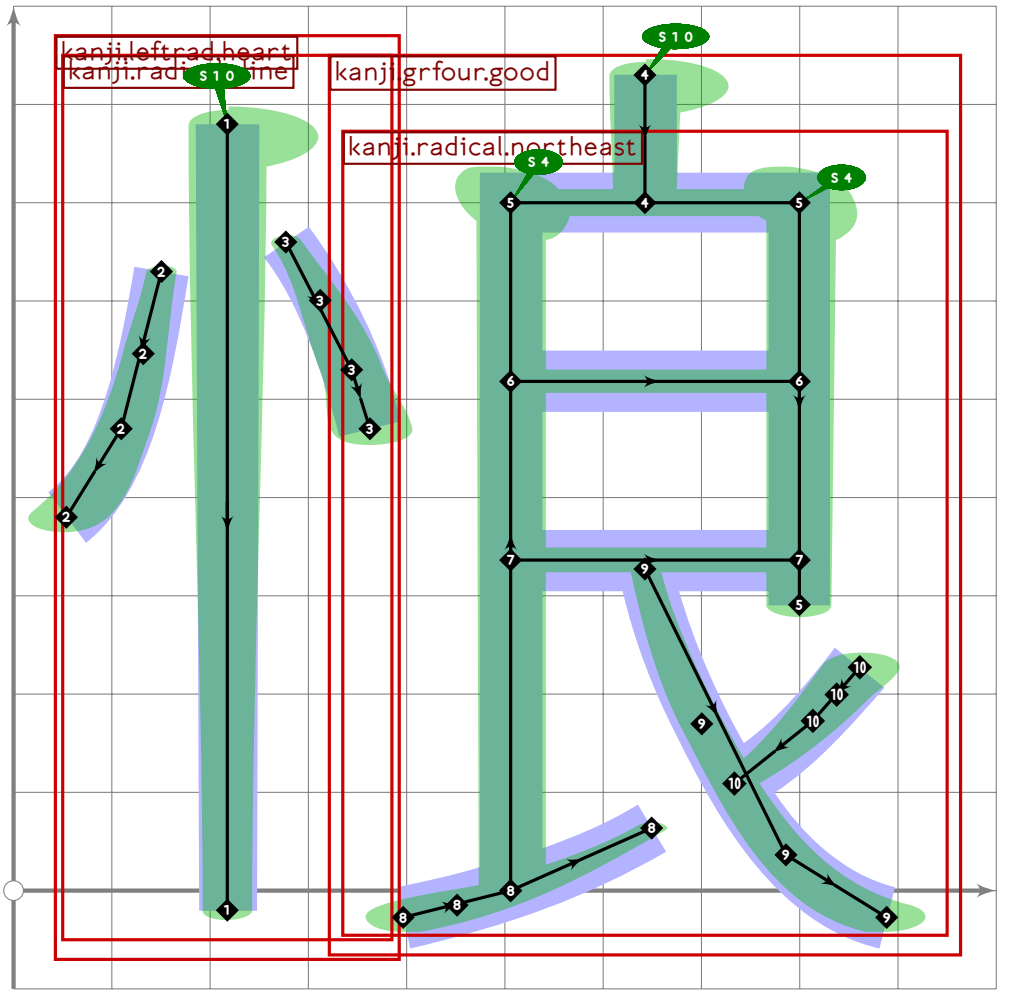
```




```
% kai/tawamureru "pity"
begintsuglyph("uni609D",157);
  build_kanji.level(build_kanji.lr(340,20)
    (kanji.leftrad.heart)
    (kanji.grtwo.neighbourhood));
  tsu_render;
endtsuglyph;

% go/satoru "enlightenment"
begintsuglyph("uni609F",159);
  kanji.greight.enlightenment;
  tsu_render;
endtsuglyph;
```

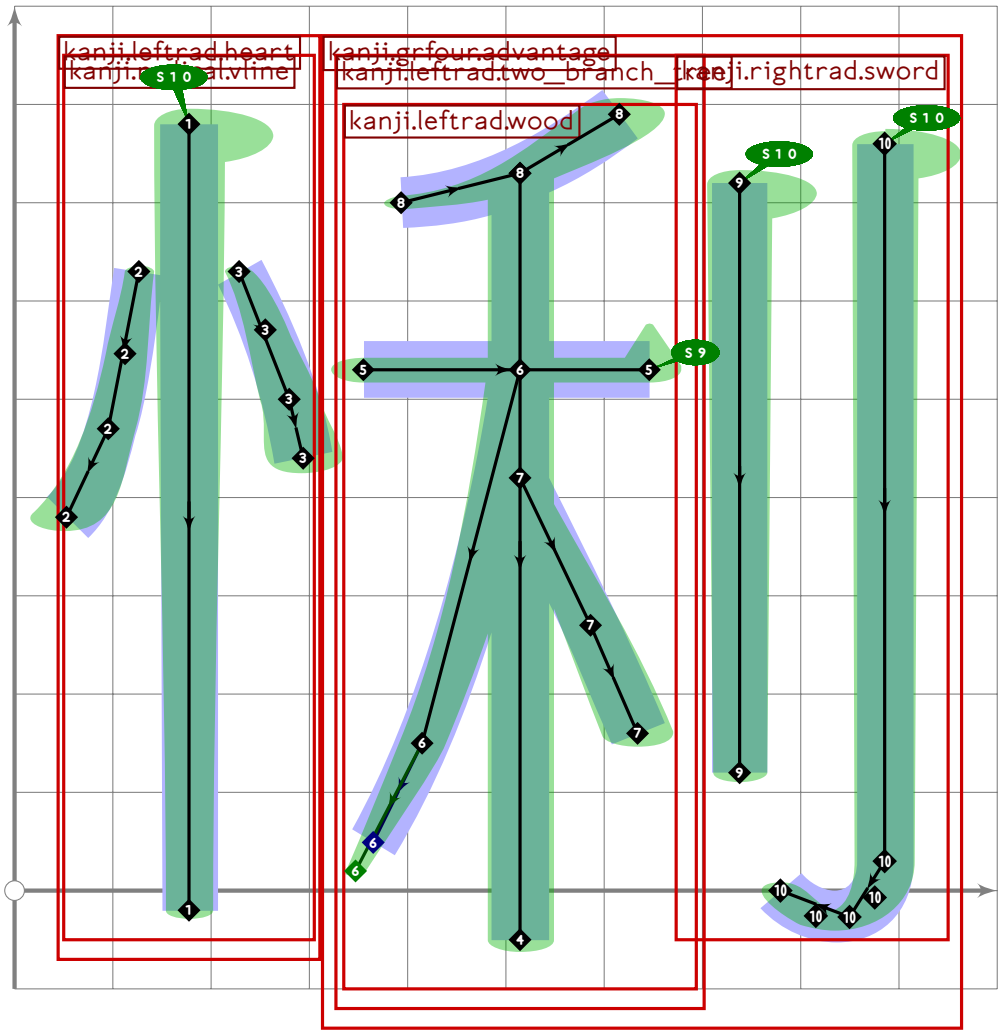
[see page 2377]




```
% ryou/kanashimu "regret" (no meaning in database, guess from sound)
begintsuglyph("uni60A2",162);
  build_kanji.level(build_kanji.lr(360,50)
    (kanji.leftrad.heart)
    (kanji.grfour.good));
  tsu_render;
endtsuglyph;

% etsu/yorokobu "rapture"
begintsuglyph("uni60A6",166);
  kanji.greight.rapture;
  tsu_render;
endtsuglyph;
```

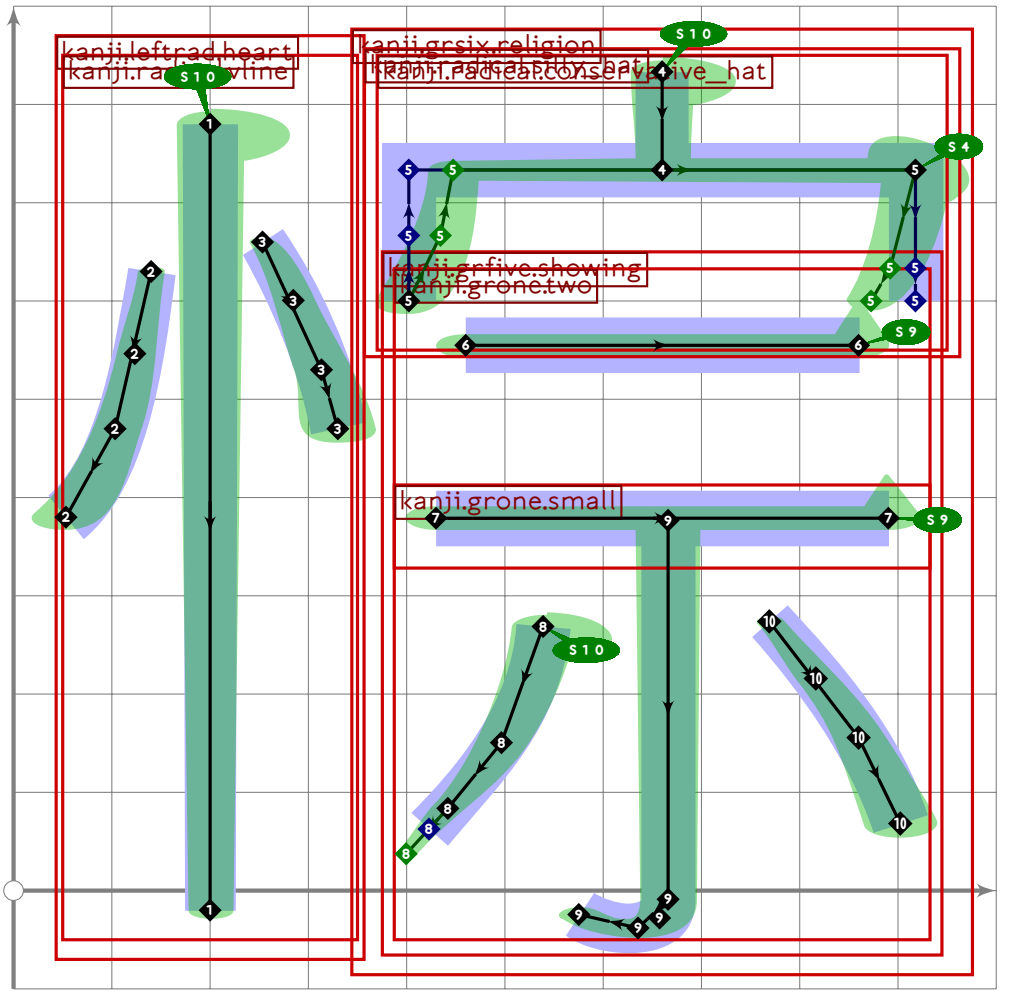
[see page 2381]




```
% ri "clever"
begintsuglyph("uni60A7",167);
  build_kanji.level(build_kanji.lr(320,-30)
    (kanji.leftrad.heart;
      replace_strokep(0)(oldp shifted (20,-30)))
    (kanji.grfour.advantage));
  tsu_render;
endtsuglyph;

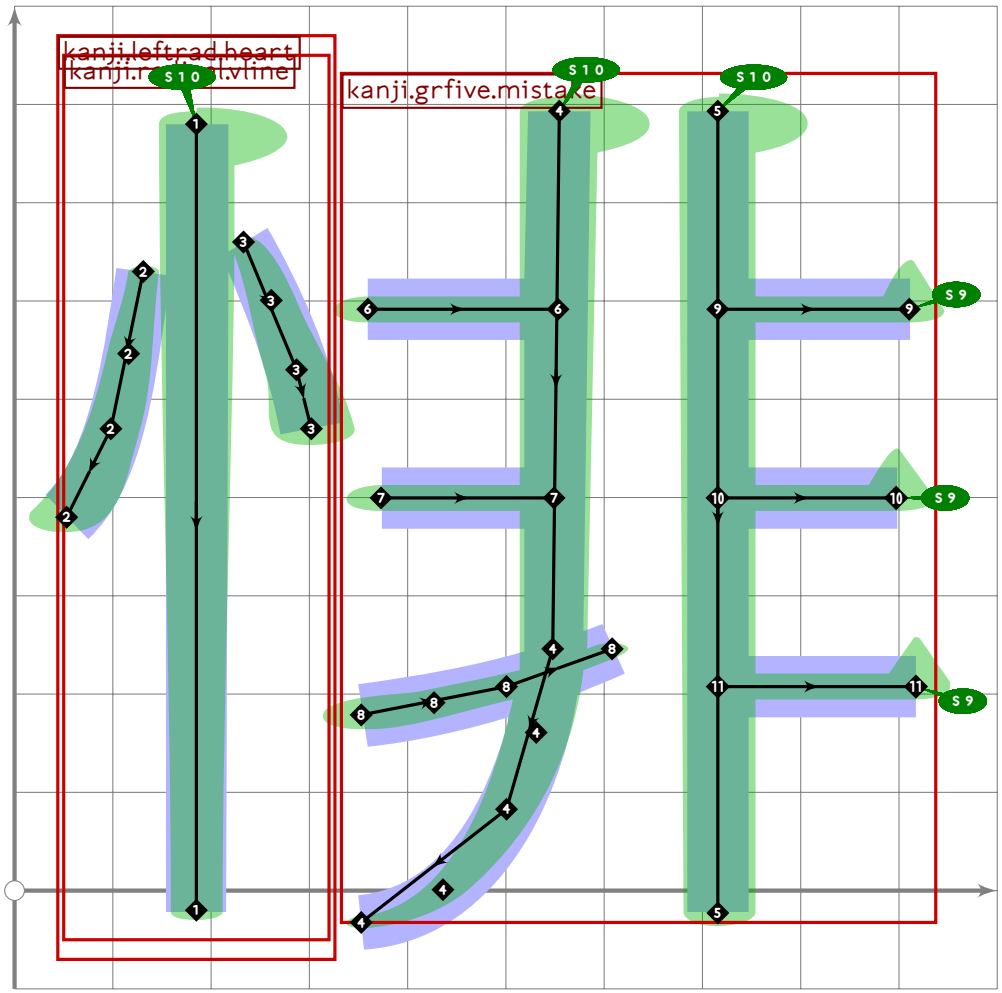
% aku/waru "evil"
begintsuglyph("uni60AA",170);
  kanji.grthree.evil;
  tsu_render;
endtsuglyph;
```

[see page 2369]




```
% sou/tanoshimu "enjoy"
begintsuglyph("uni60B0",176);
  build_kanji.level(build_kanji.lr(360,-20)
    (kanji.leftrad.heart)
    (kanji.grsix.religion));
  tsu_render;
endtsuglyph;

```

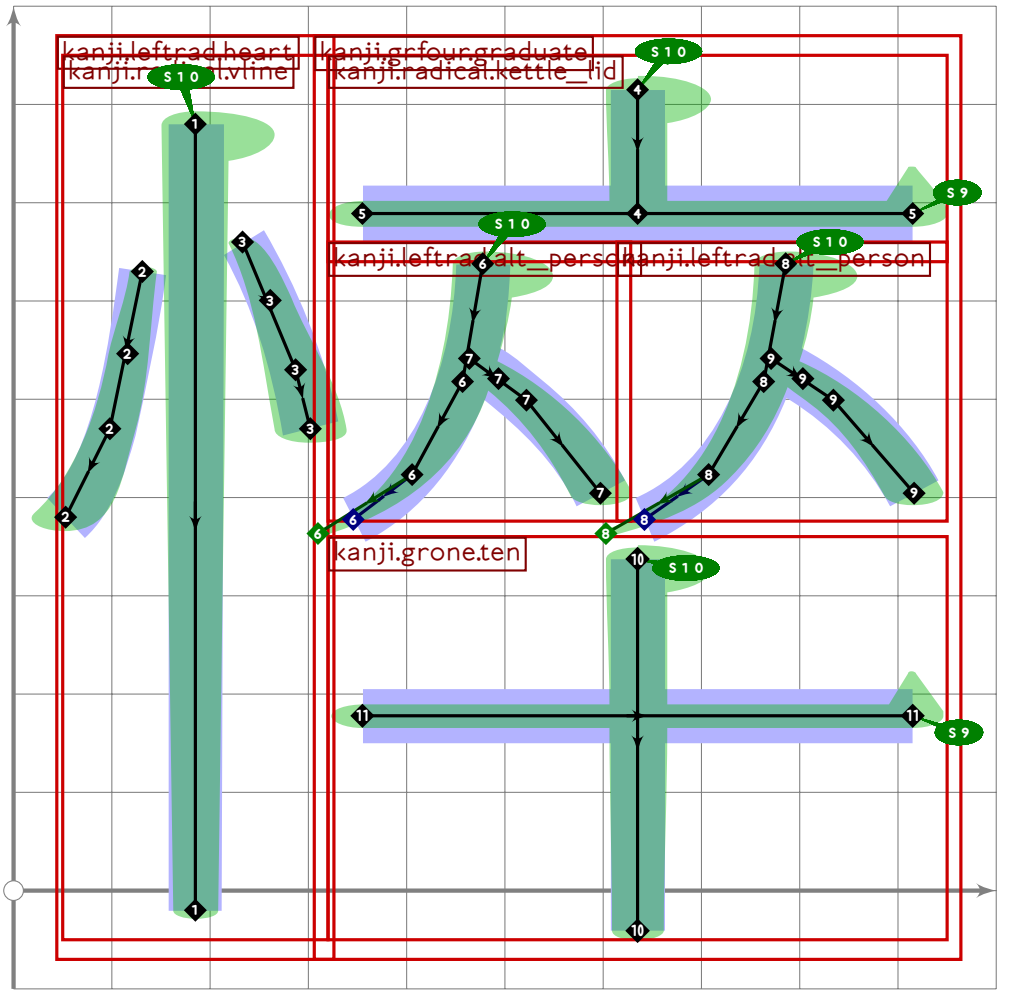



```
% hi/inayamu "to be desirous of speaking"
begintsuglyph("uni60B1",177);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.96)(kanji.grfive.mistake)));
  tsu_render;
endtsuglyph;

% hi/kana "sad"
begintsuglyph("uni60B2",178);
  kanji.grthree.sad;
  tsu_render;
endtsuglyph;
```

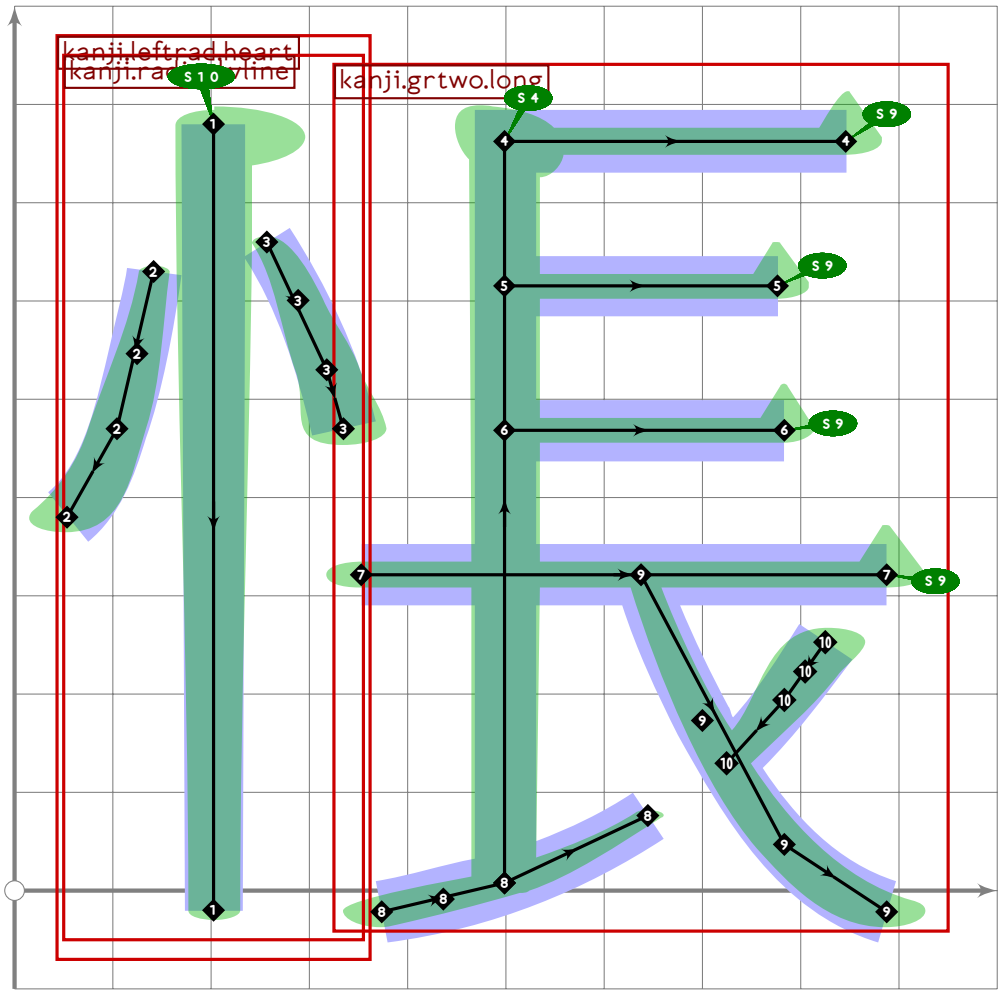
[see page 2370]

U+60B4
tsuku.uni60B4




```
% sui/sagare "penis"
begintsuglyph("uni60B4",180);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.graduate));
  tsu_render;
endtsuglyph;

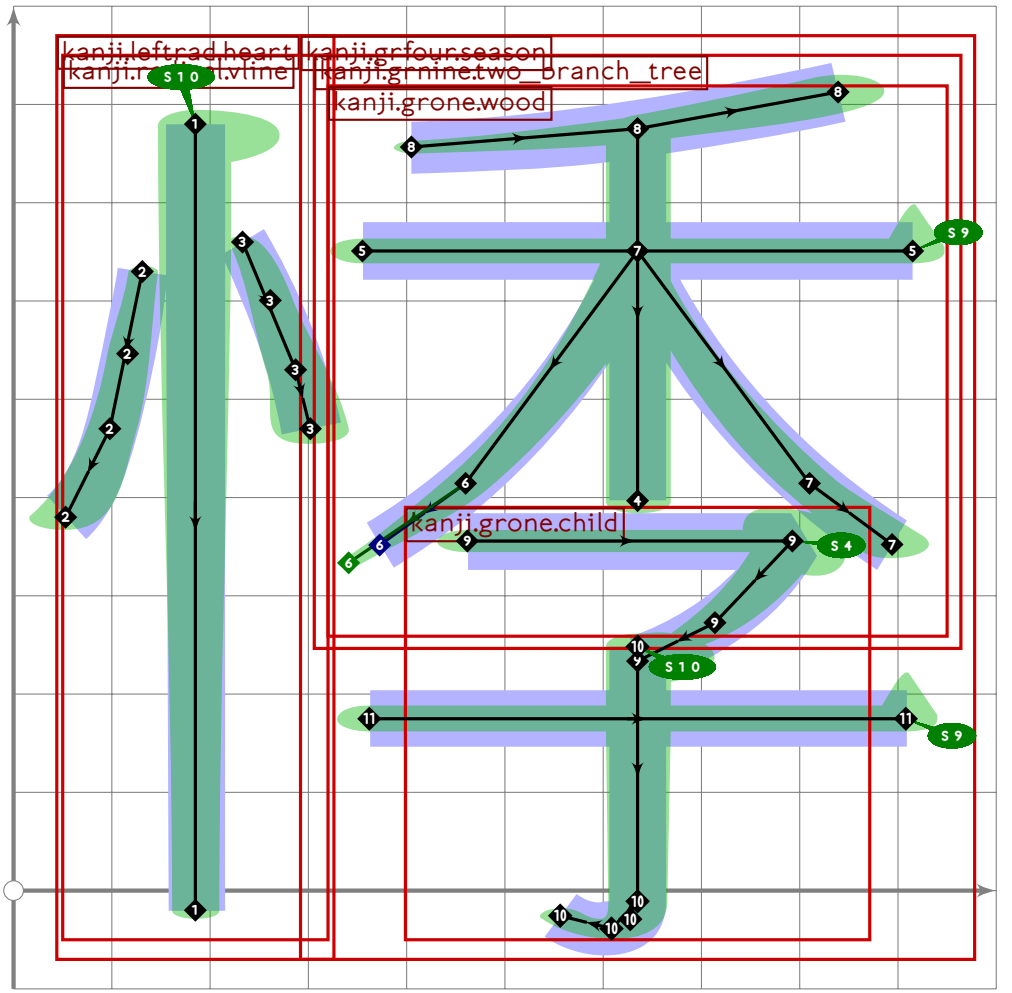
```




```
% chou/itamu "be sad"
begintsuglyph("uni60B5",181);
  build_kanji.level(build_kanji.lr(340,30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.98)(kanji.grtwo.long)));
  tsu_render;
endtsuglyph;

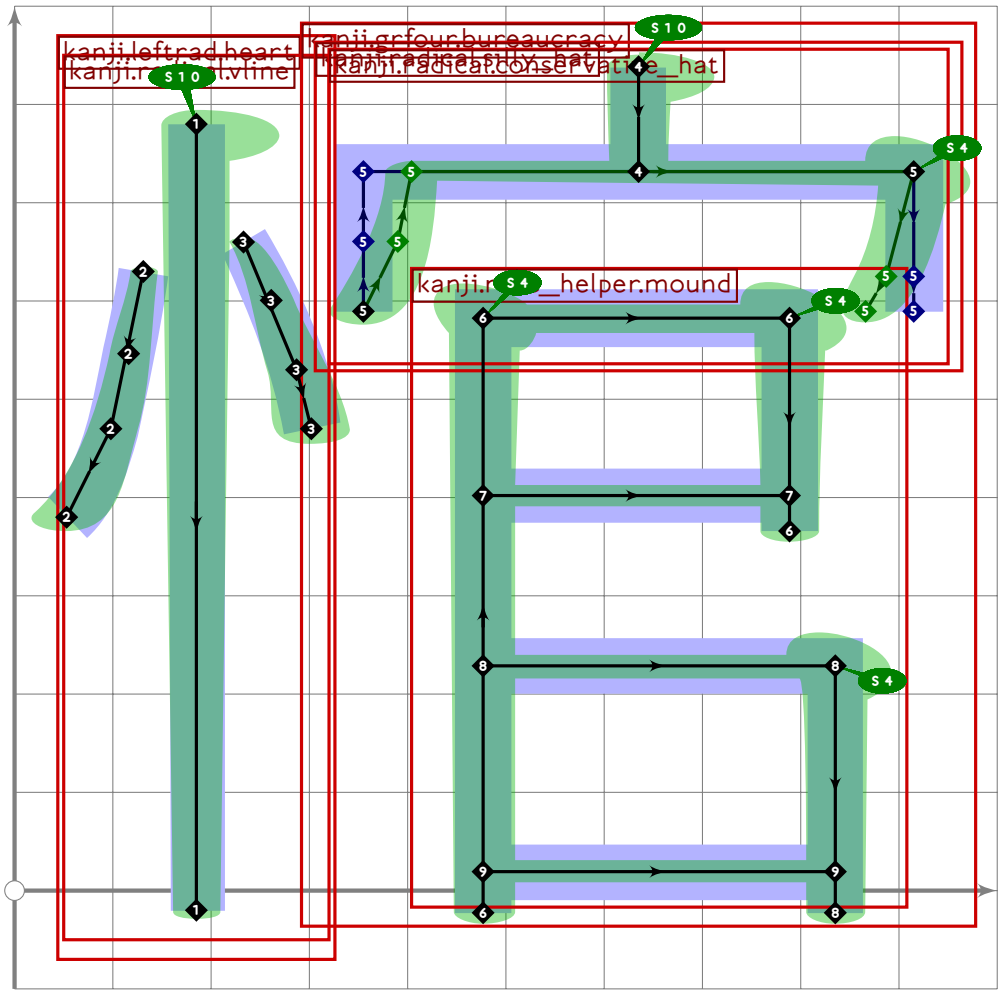
```

U+60B8
tsuku.uni60B8




```
% ki "shudder"
begintsuglyph("uni60B8",184);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.season));
  tsu_render;
endtsuglyph;

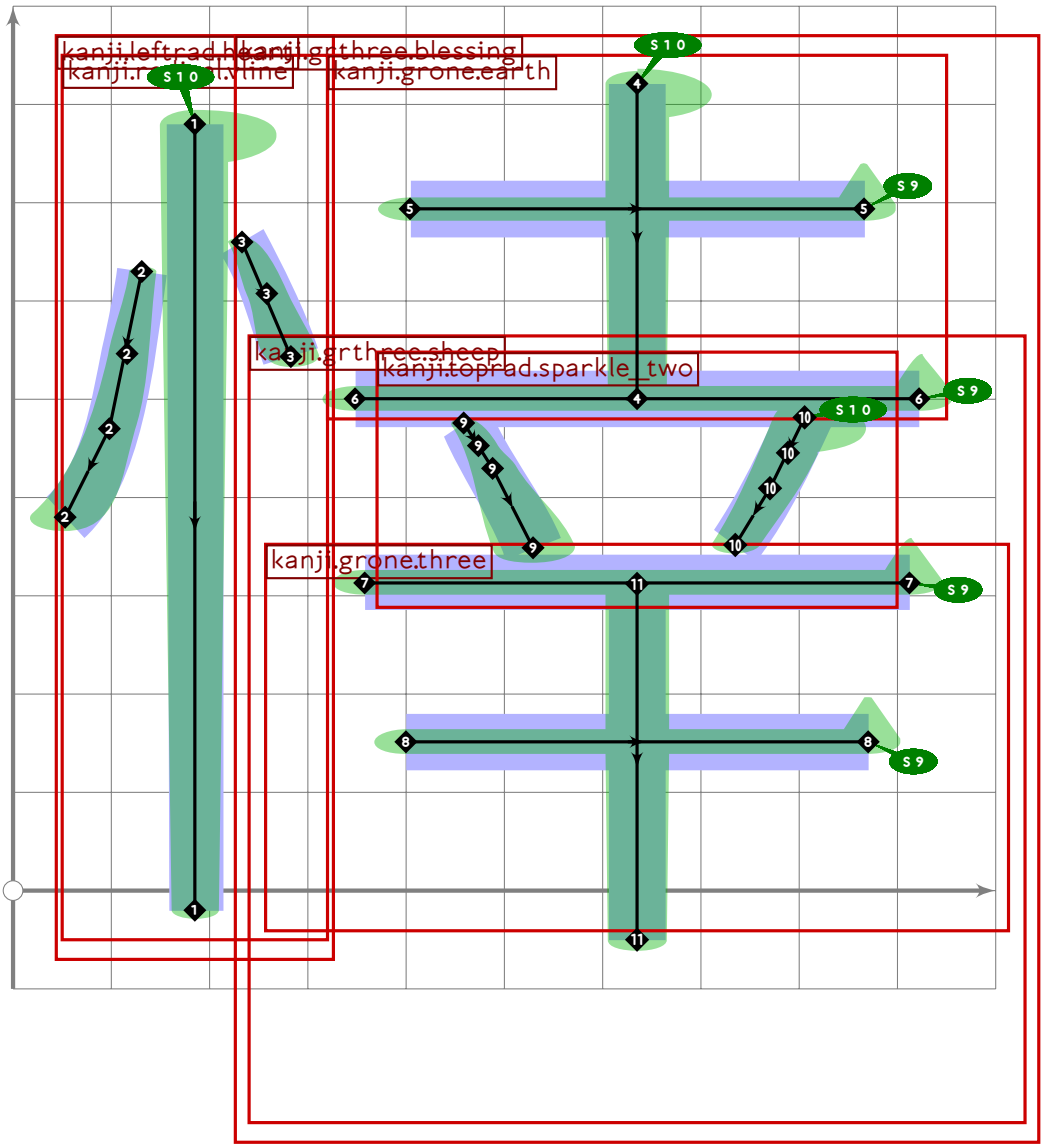
```




```
% extra
begintsuglyph("uni60BA",186);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.97 shifted (0,20))
        (kanji.grfour.bureaucracy)));
  tsu_render;
endtsuglyph;

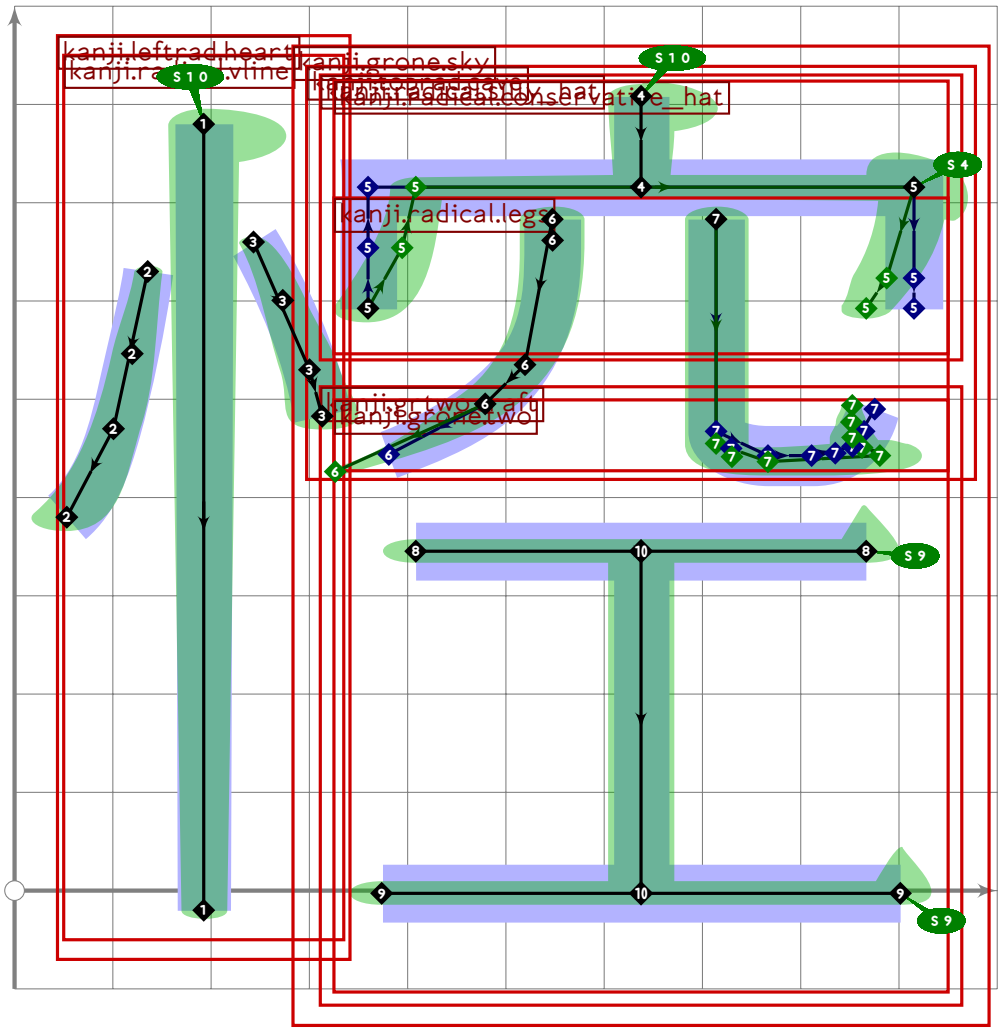
```

U+60BB
tsuku.uni60BB



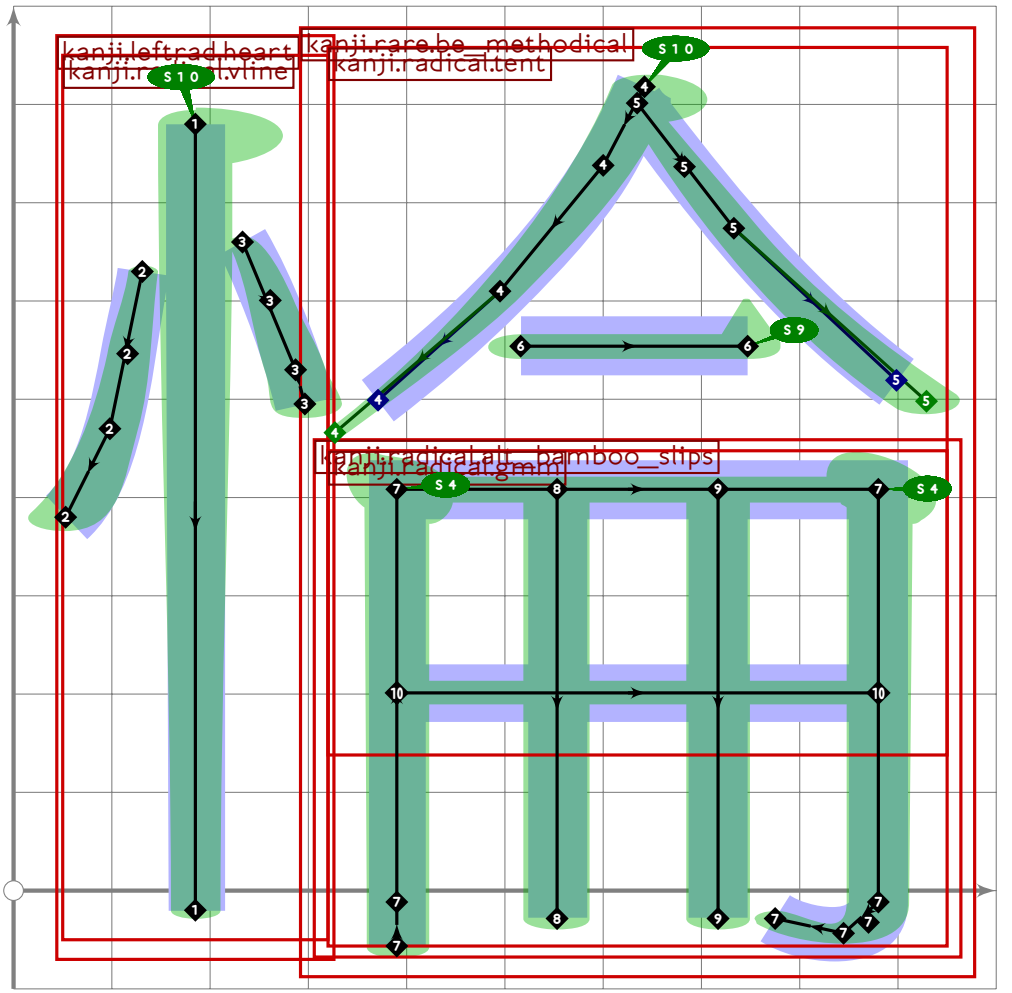

```
% kei/motoru "vexation"
begintsuglyph("uni60BB",187);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,0.9) of oldp);
     replace_strokeq(0)(subpath (0,0.9) of oldq))
    (kanji.grthree.blessing));
  tsu_render;
endtsuglyph;

```




```
% kou "guileless"
begintsuglyph("uni60BE",190);
  build_kanji.level(build_kanji.lr(330,10)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.8) of oldp);
     replace_strokeq(0)(subpath (0,1.8) of oldq))
    (build_kanji.sscale(yscaled 1.03 shifted (0,-40))(kanji.grone.sky)));
  tsu_render;
endtsuglyph;

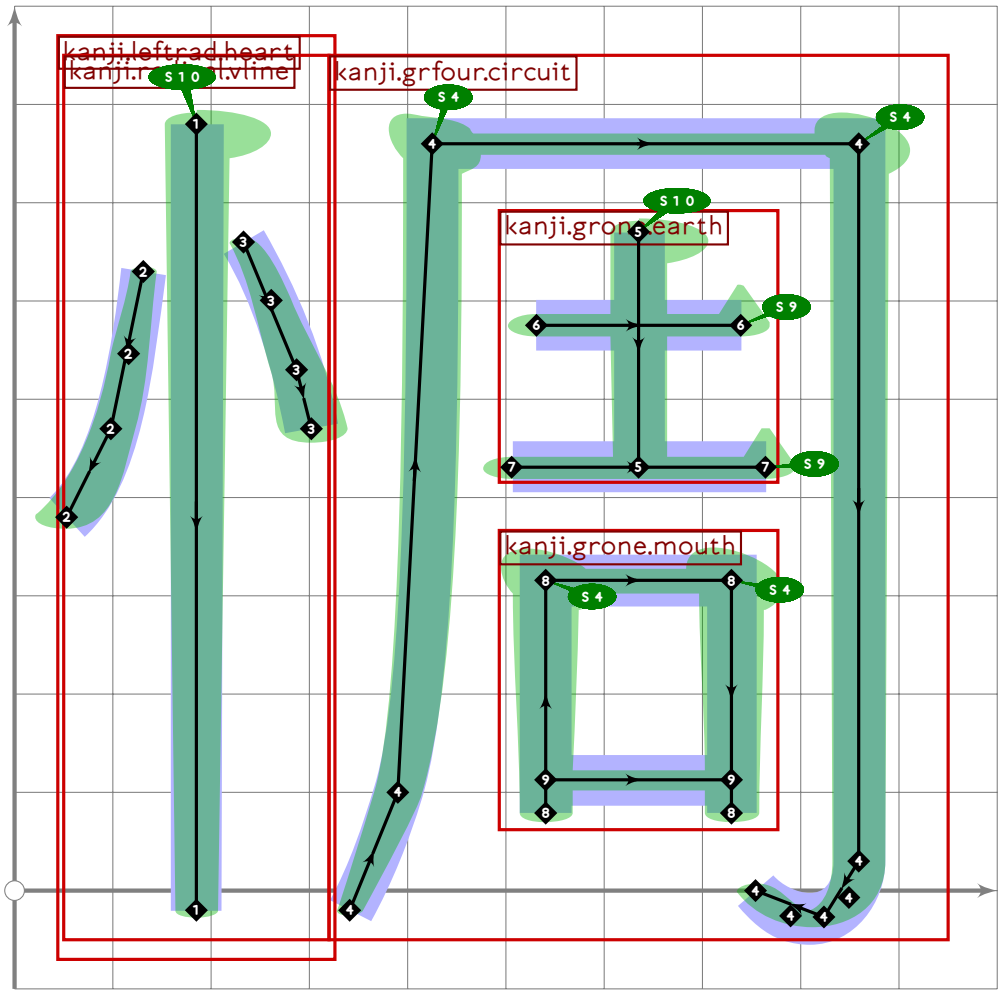
```




```
% extra
begintsuglyph("uni60C0",192);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.6) of oldp);
     replace_strokeq(0)(subpath (0,1.6) of oldq))
    (kanji.rare.be_methodical));
  tsu_render;
endtsuglyph;

% jou/nasa "feelings"
begintsuglyph("uni60C5",197);
  kanji.grfive.feelings;
  tsu_render;
endtsuglyph;
```

[see page 2371]

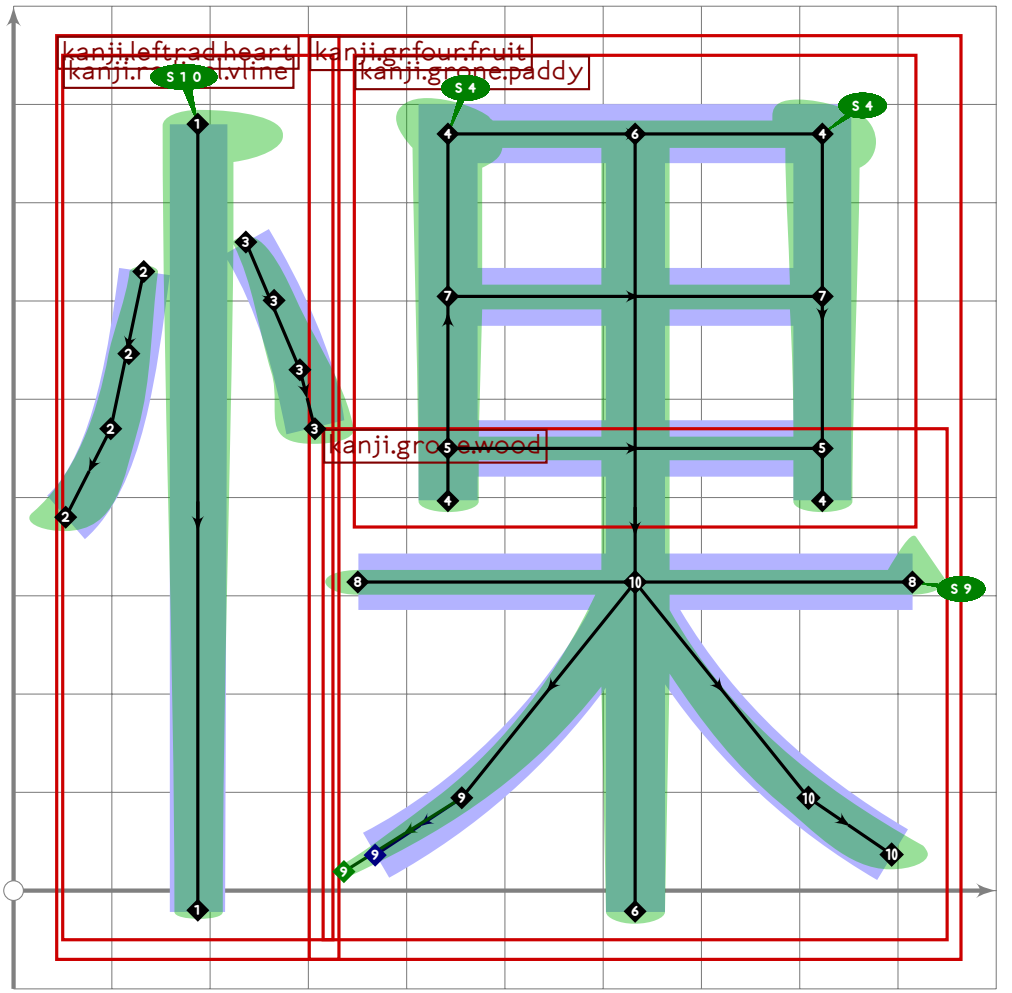



```
% chuu/uramu "be disappointed"
begintsuglyph("uni60C6",198);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.circuit));
  tsu_render;
endtsuglyph;

% shun/atsui "sincerity"
begintsuglyph("uni60C7",199);
  kanji.grnine.sincerity;
  tsu_render;
endtsuglyph;
```

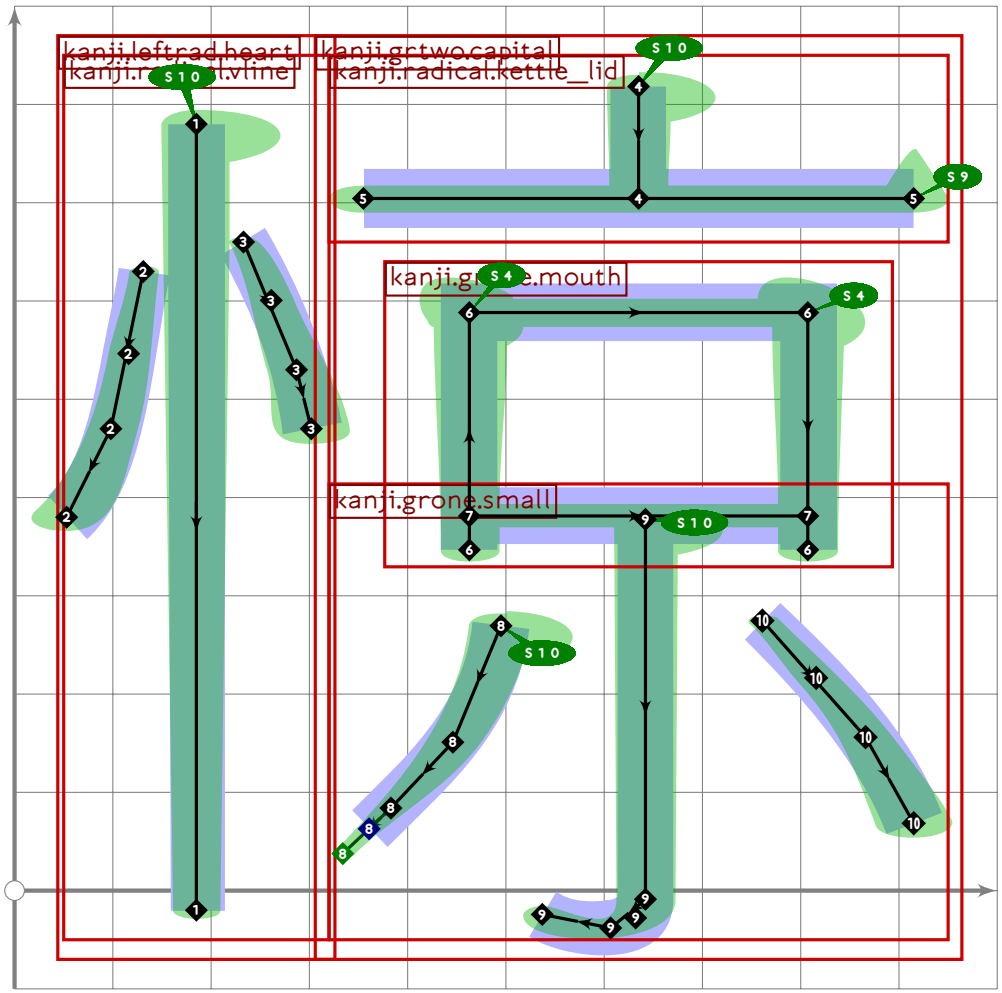
[see page 2392]

U+60C8
tsuku.uni60C8




```
% ka/isamashii "resolute"
begintsuglyph("uni60C8",200);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grfour.fruit));
  tsu_render;
endtsuglyph;

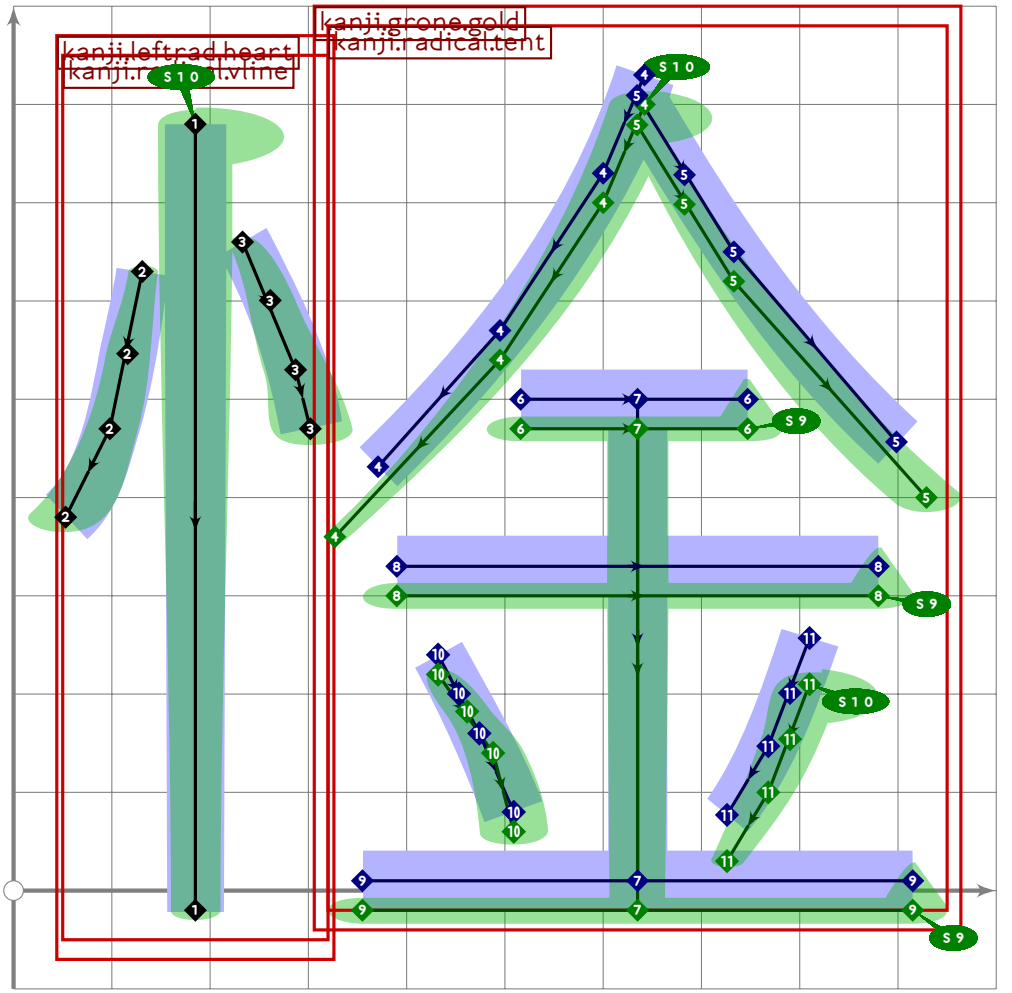
```




```
% ryou/kanashimu "startle"
begintsuglyph("uni60CA",202);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.capital));
  tsu_render;
endtsuglyph;

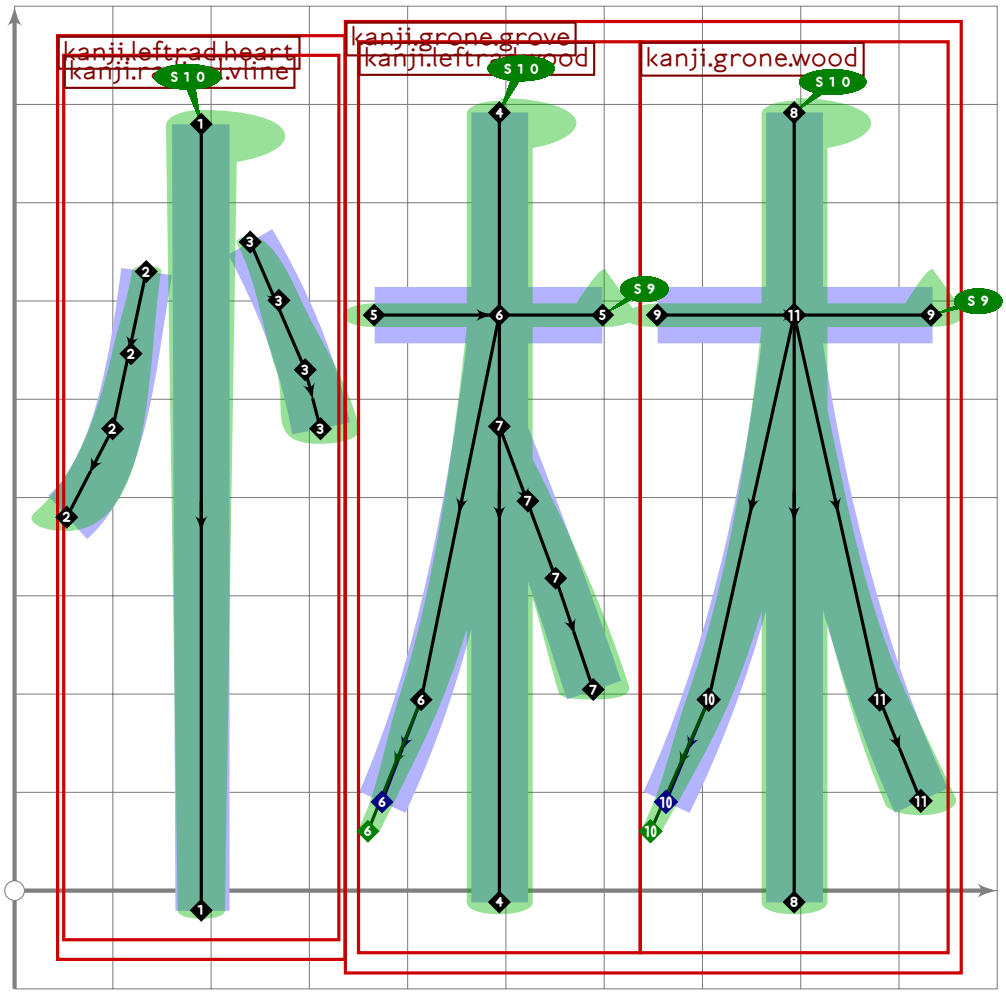
```

U+60CD
tsuku.uni60CD




```
% extra
begintsuglyph("uni60CD",205);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,30*(1-mincho)))(kanji.grone.gold)));
  tsu_render;
endtsuglyph;

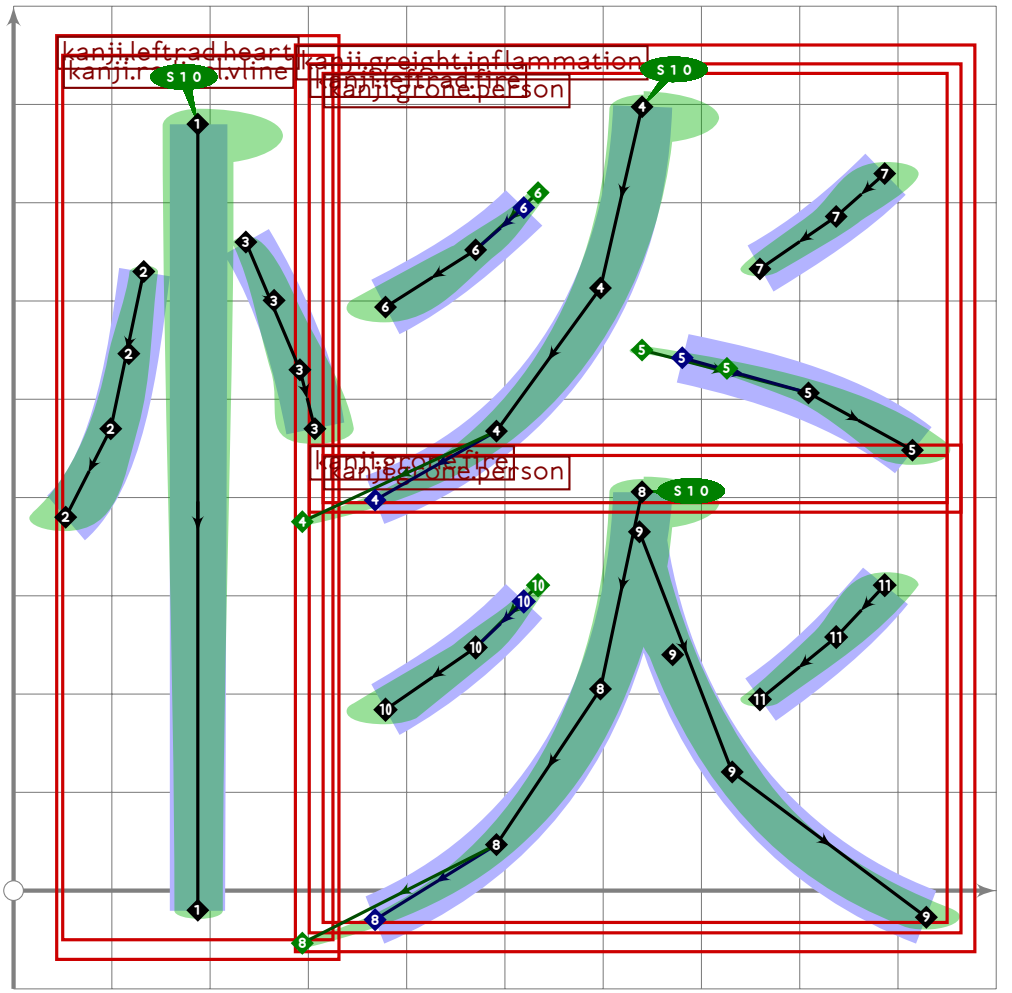
```




```
% ran/musaboru "avaricious"
begintsuglyph("uni60CF",207);
  build_kanji.level(build_kanji.lr(340,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 1.03)(kanji.grone.grove)));
  tsu_render;
endtsuglyph;

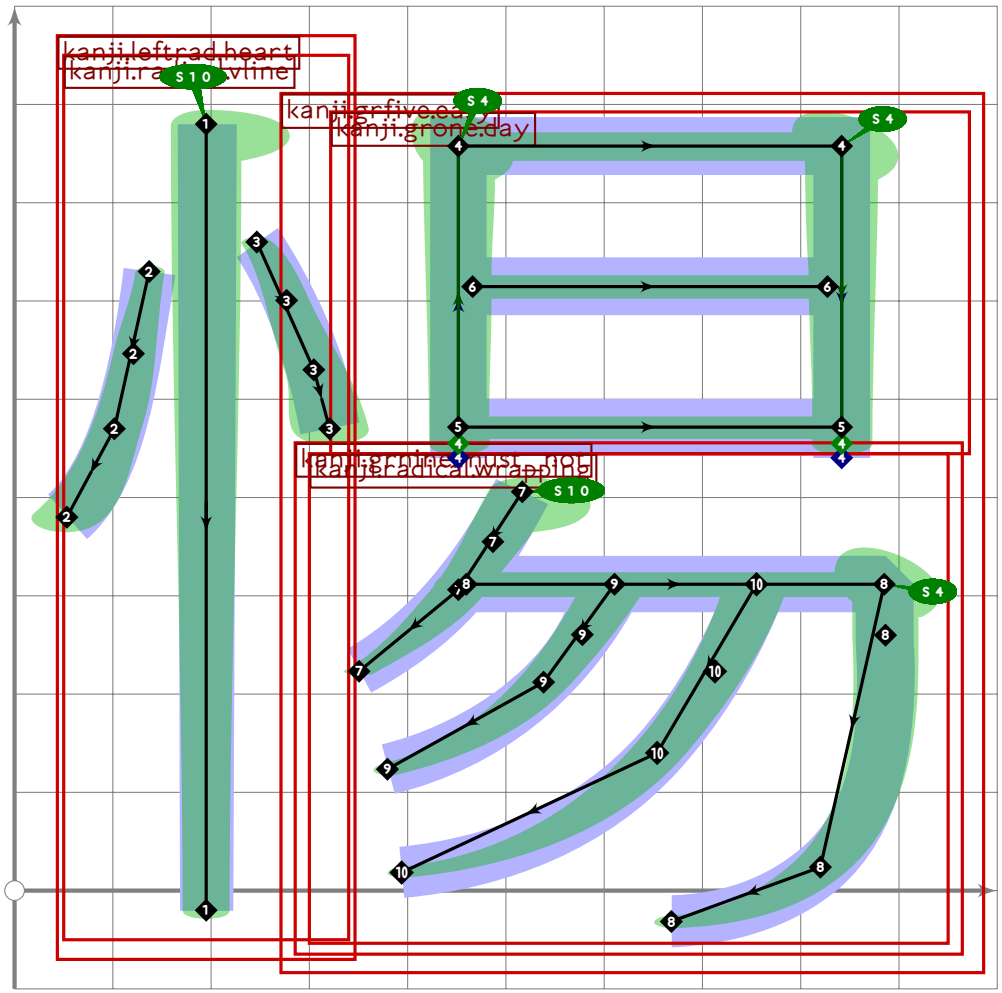
```

U+60D4
tsuku.uni60D4



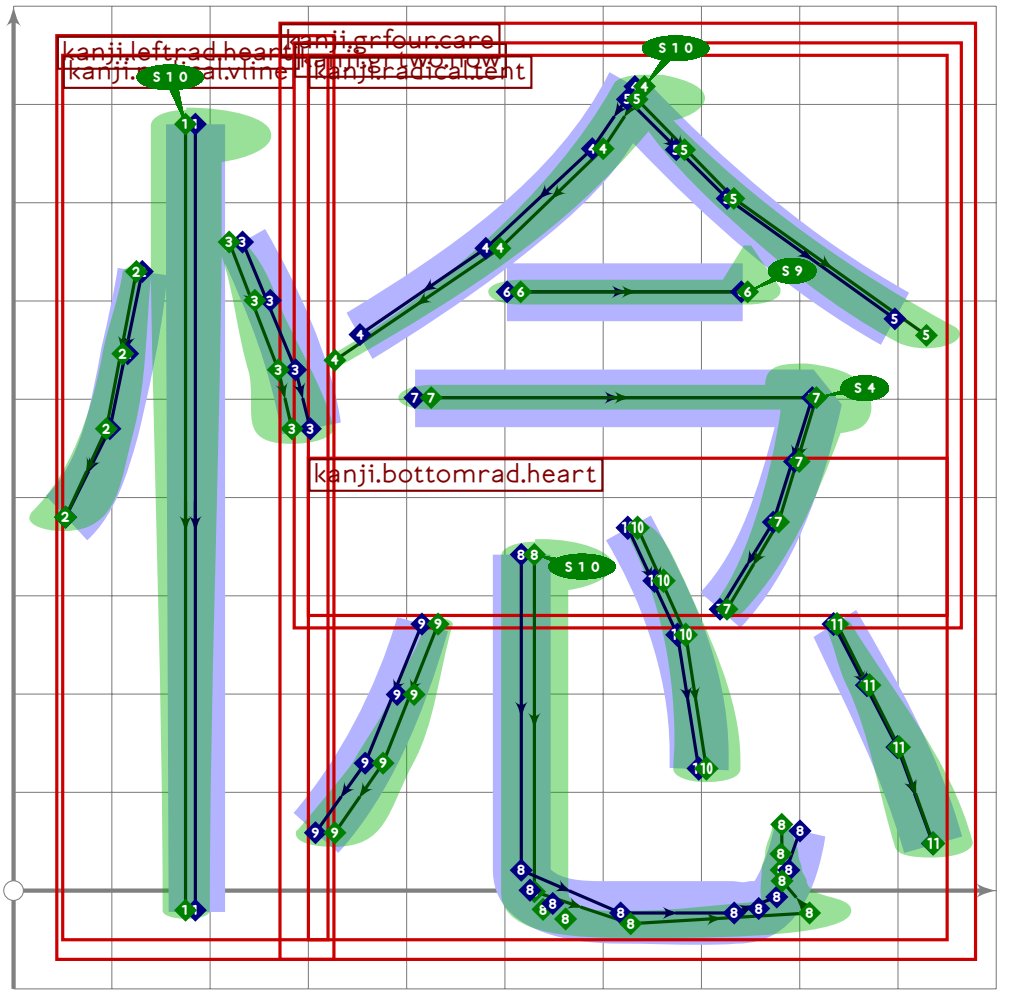

```
% tan/ureeru "cheerful"
begintsuglyph("uni60D4",212);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.96)(kanji.greight.inflammation)));
  tsu_render;
endtsuglyph;

```




```
% teki/tsutsushimu "be cautious"
begintsuglyph("uni60D5",213);
  build_kanji.level(build_kanji.lr(320,40)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.94 shifted (0,-30))(kanji.grfive.easy)));
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni60D7",215);
  build_kanji.level(build_kanji.lr(310,20-40*mincho)
    (kanji.leftrad.heart)
    (kanji.grfour.care));
  tsu_render;
endtsuglyph;

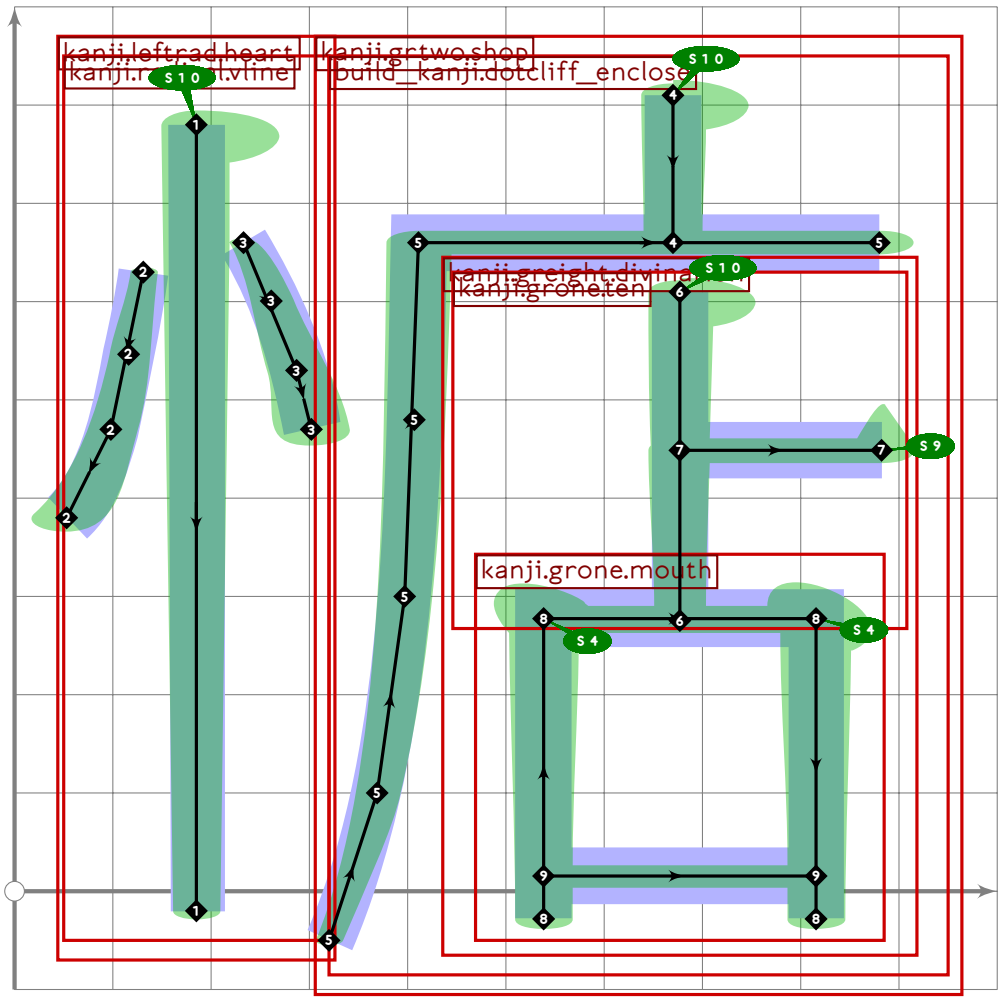
% hotsu/bokeru "senile"
begintsuglyph("uni60DA",218);                                    [see page 2391]
  kanji.grnine.senile;
  tsu_render;
endtsuglyph;

% seki/oshii "regret"
begintsuglyph("uni60DC",220);                                    [see page 2382]
  kanji.greight.regret;
  tsu_render;
endtsuglyph;

% i/omonmeru "consider"
```

```
begintsuglyph("uni60DF",223);                                    [see page 2386]
  kanji.grnine.consider;
  tsu_render;
endtsuglyph;

```

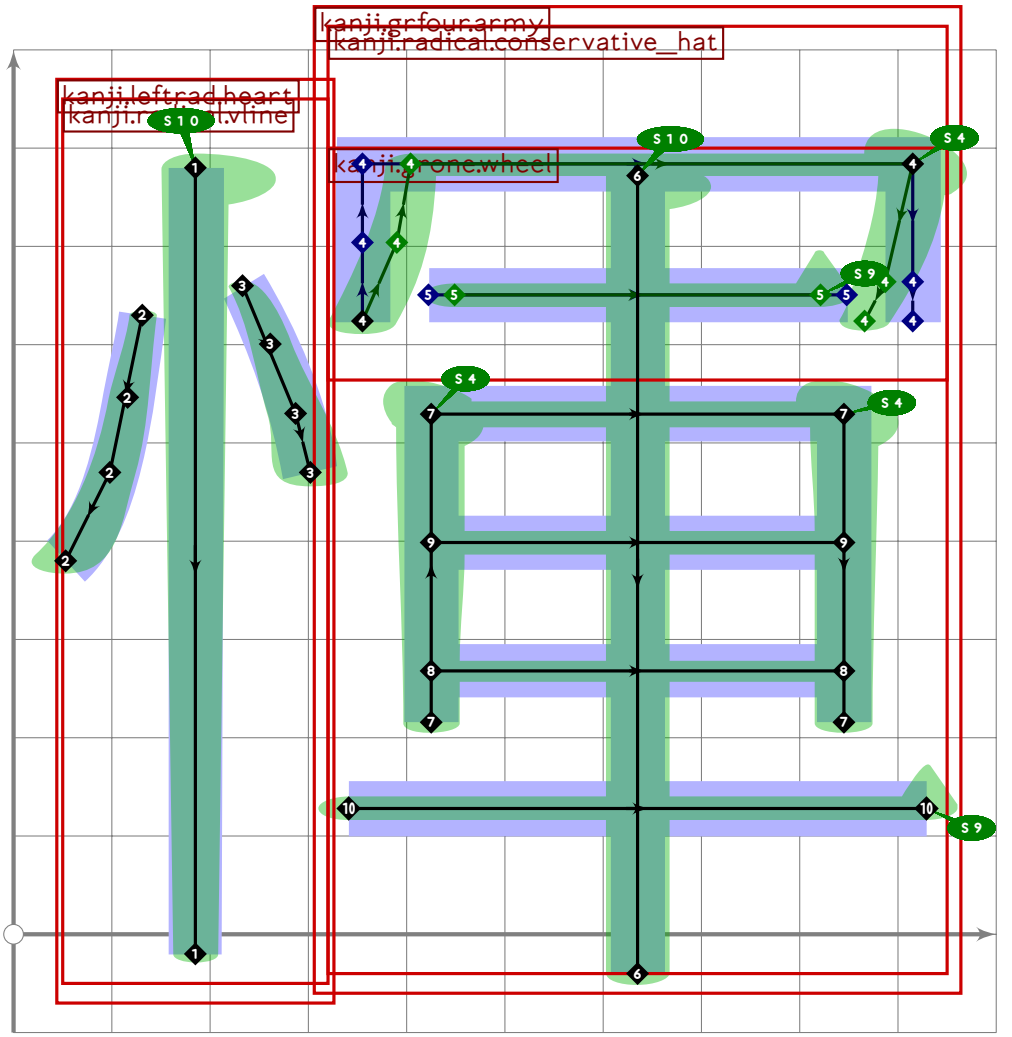



```
% extra
begintsuglyph("uni60E6",230);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grtwo.shop));
  tsu_render;
endtsuglyph;

% ku/osoreru "fear"
begintsuglyph("uni60E7",231);                                    [see page 2378]
  kanji.greight.fear;
  tsu_render;
endtsuglyph;

% sen/mijime "wretched"
begintsuglyph("uni60E8",232);                                    [see page 2385]
```

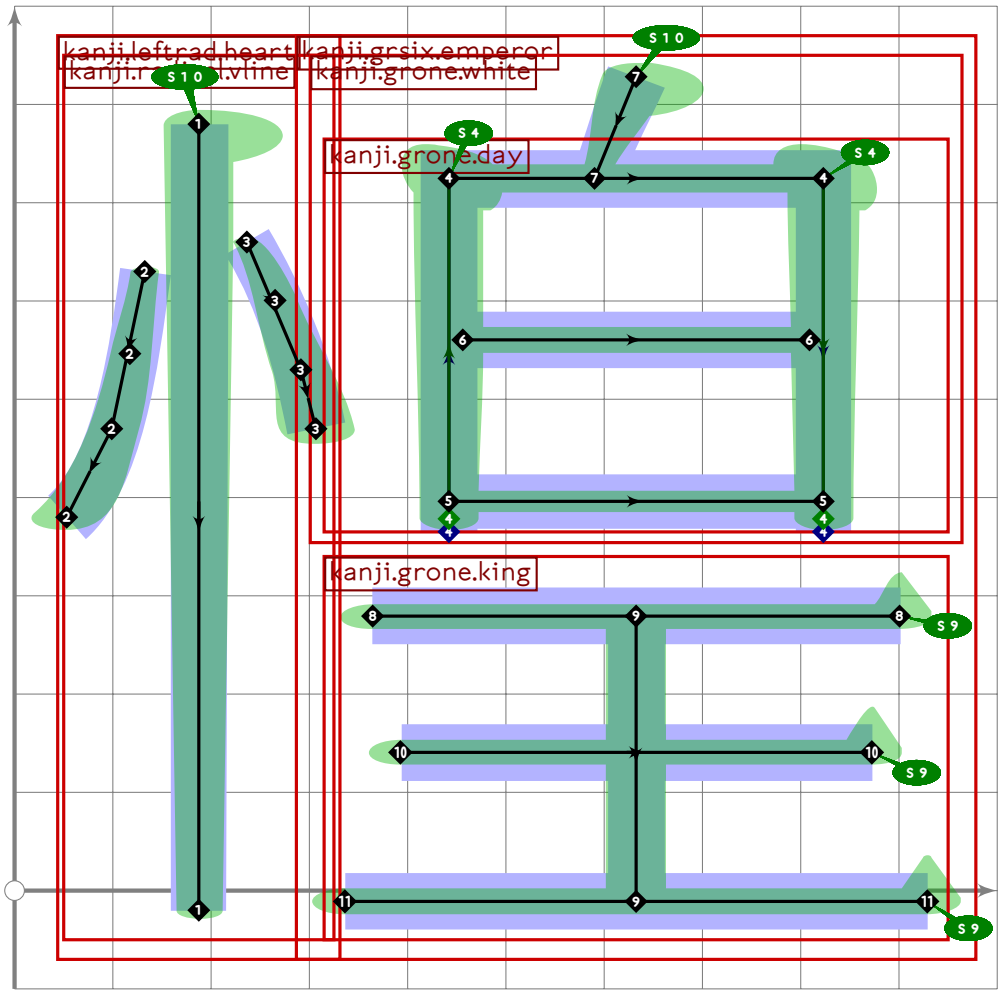
```
    kanji.greight.wretched;
    tsu_render;
endtsuglyph;
```




```
% un/atsui "devise"
begintsuglyph("uni60F2",242);
    build_kanji.level(build_kanji.lr(320,0)
      (kanji.leftrad.heart)
      (build_kanji.sscale(shifted (0,10))(kanji.grfour.army)));
    tsu_render;
endtsuglyph;

% sou/omo "concept"
begintsuglyph("uni60F3",243);
    kanji.grthree.concept;
    tsu_render;
endtsuglyph;
```

[see page 2368]

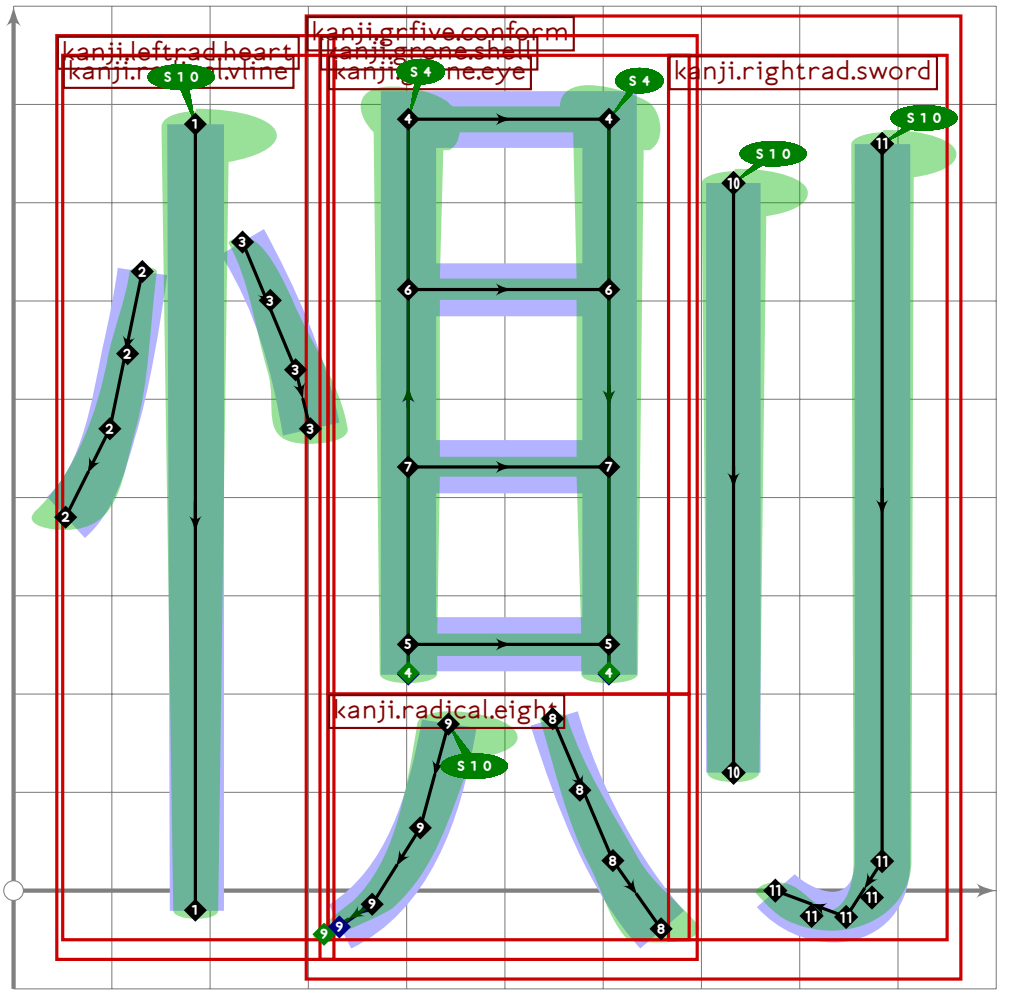



```
% kou/osoreru "fear"
begintsuglyph("uni60F6",246);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grsix.emperor));
  tsu_render;
endtsuglyph;

% sei/satoru "realize"
begintsuglyph("uni60FA",250);
  kanji.grnine.realize;
  tsu_render;
endtsuglyph;
```

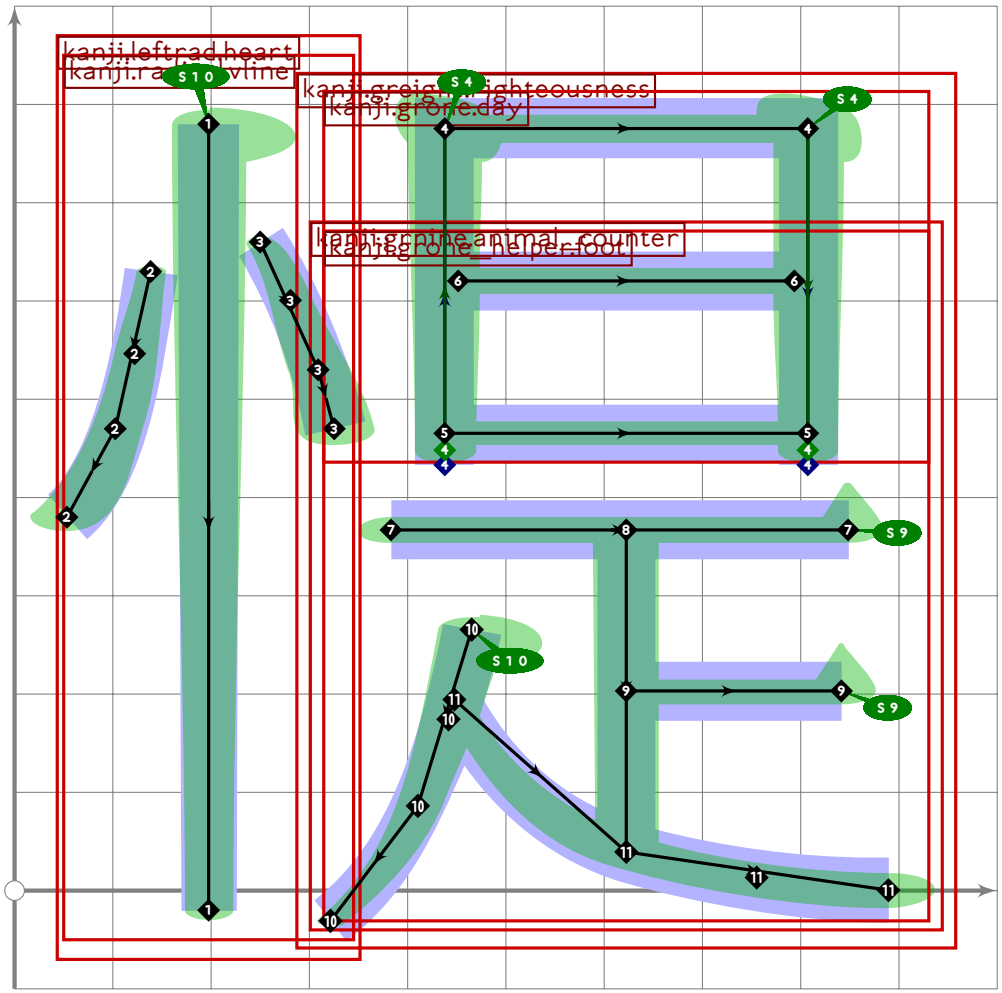
[see page 2389]

U+60FB
tsuku.uni60FB




```
% soku/itamu "be sad"
begintsuglyph("uni60FB",251);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfive.conform));
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni60FF",255);
  build_kanji.level(build_kanji.lr(320,50)
    (kanji.leftrad.heart)
    (build_kanji.sscale(xyscaled (0.94,0.92))(kanji.greight.righteousness)));
  tsu_render;
endtsuglyph;

---

endfont;

---
```

```
%
% Unicode page 61 (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2016 Matthew Skala
%
[Standard copyright notice]

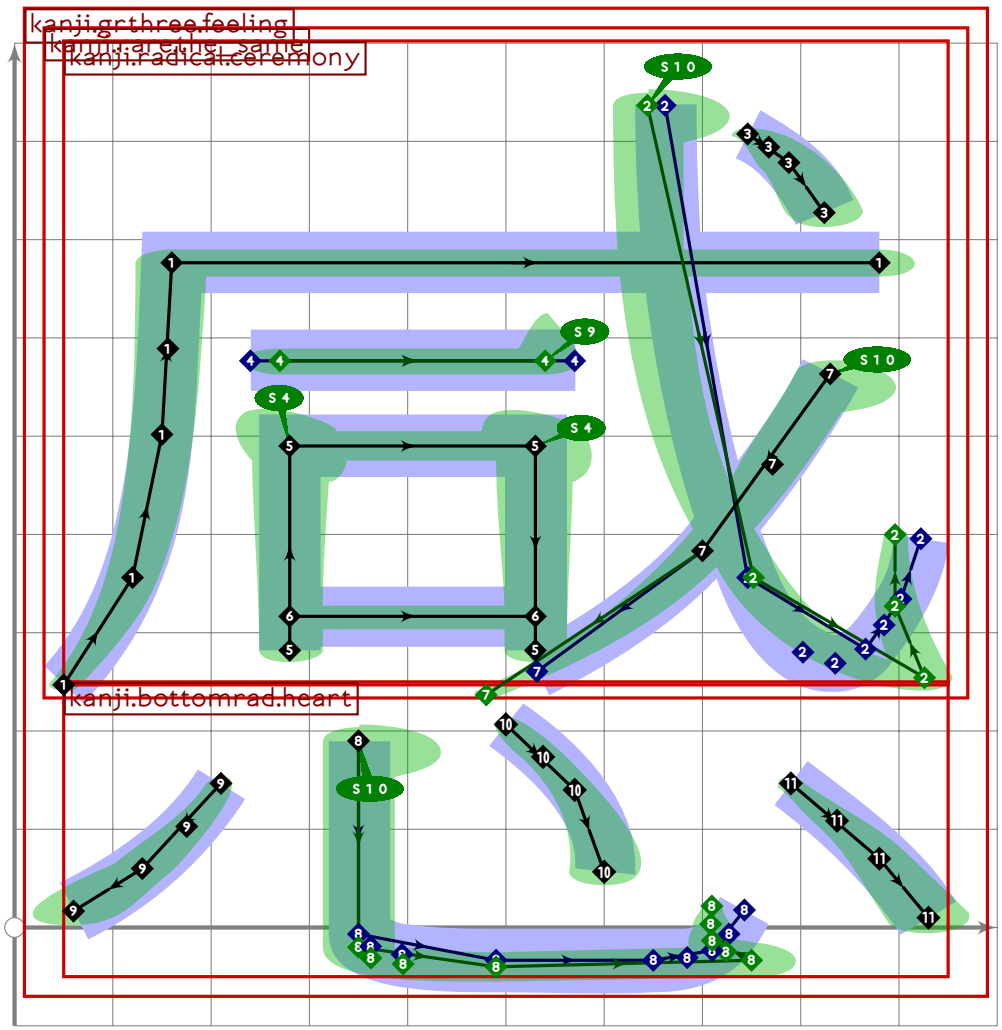
---

beginfont

% AUTODEPS
input bkencl.mp;
input bottomrad.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input rightrad.mp;
input toprad.mp;

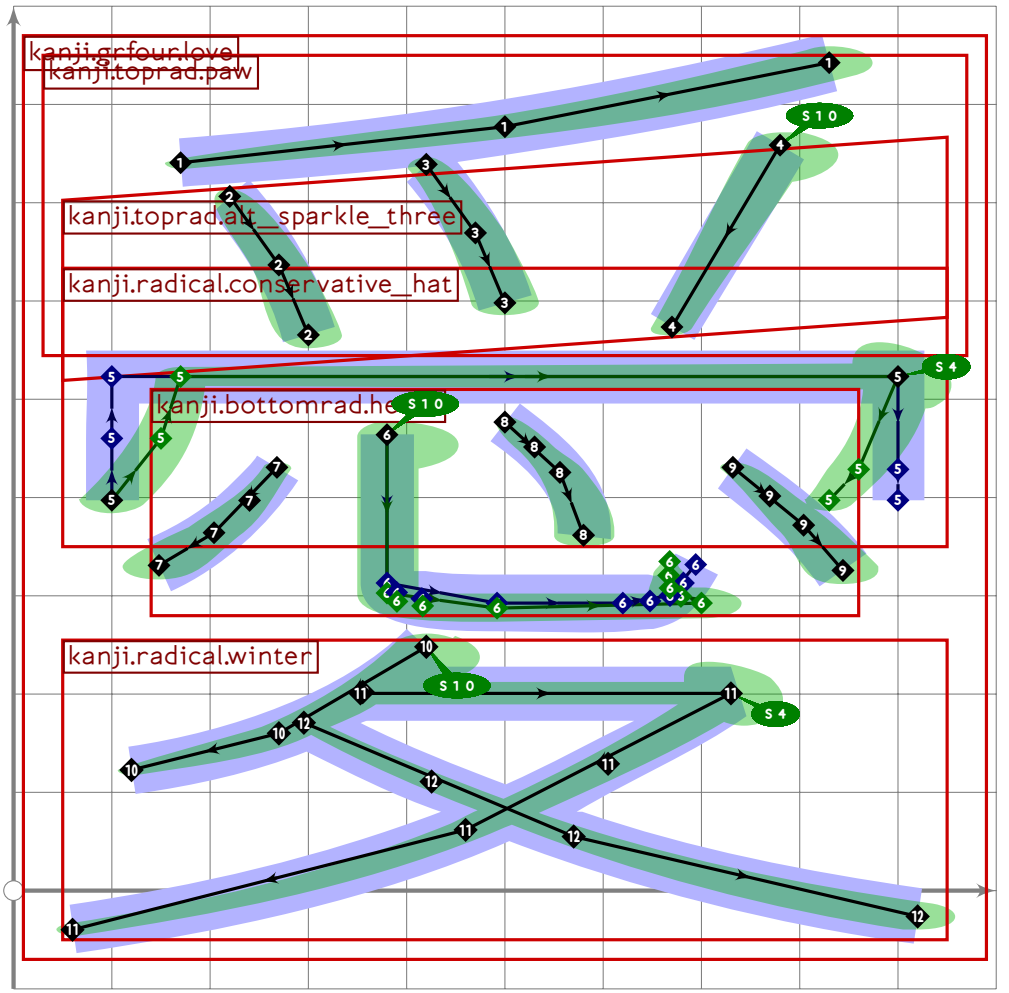
do_late_includes;

---
```

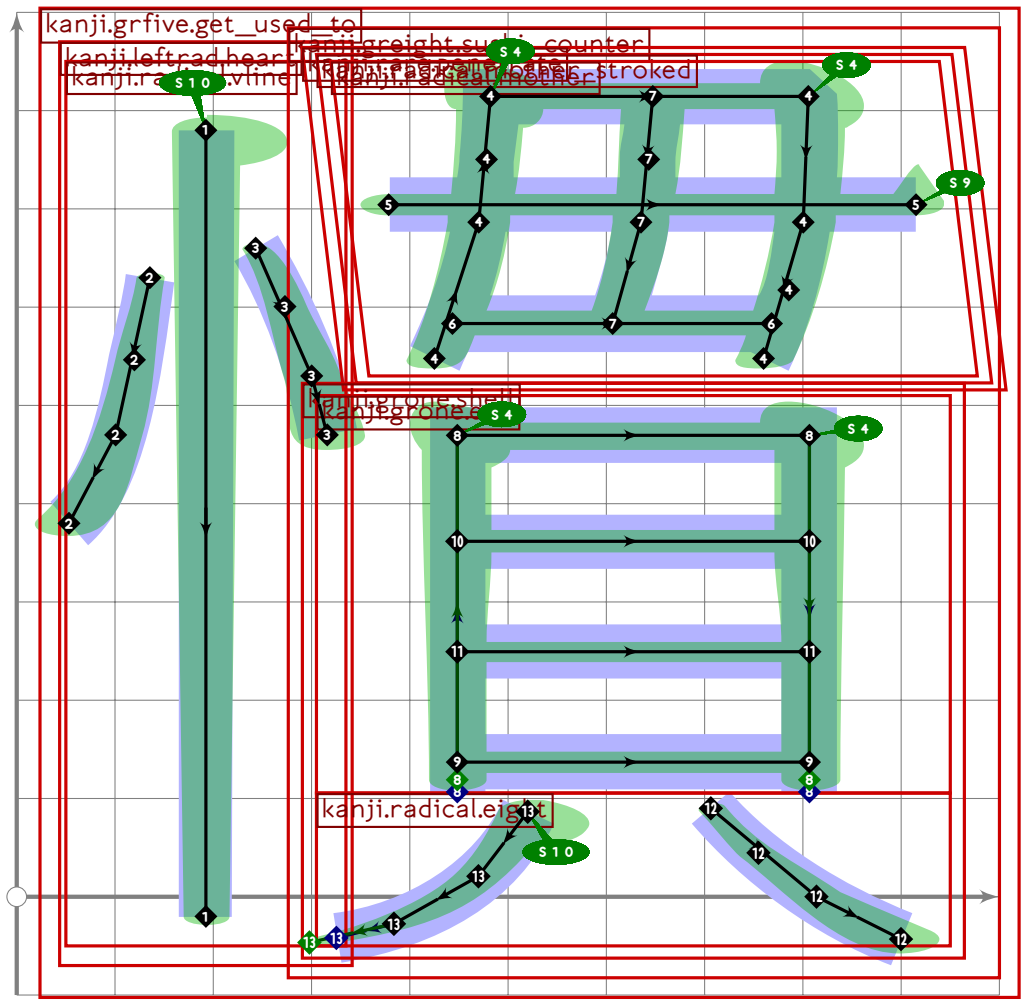



```
56
57 vardef  kanji.grthree.feeling =
58   push_pbox_toexpand("kanji.grthree.feeling");
59   build_kanji.level(build_kanji.tb(250,0)
60     (kanji.rare.the_same)
61     (kanji.bottomrad.heart));
62   expand_pbox;
63 enddef;
64
65 ---------------------------------------------------------------------------
```

U+611B
tsuku.uni611B

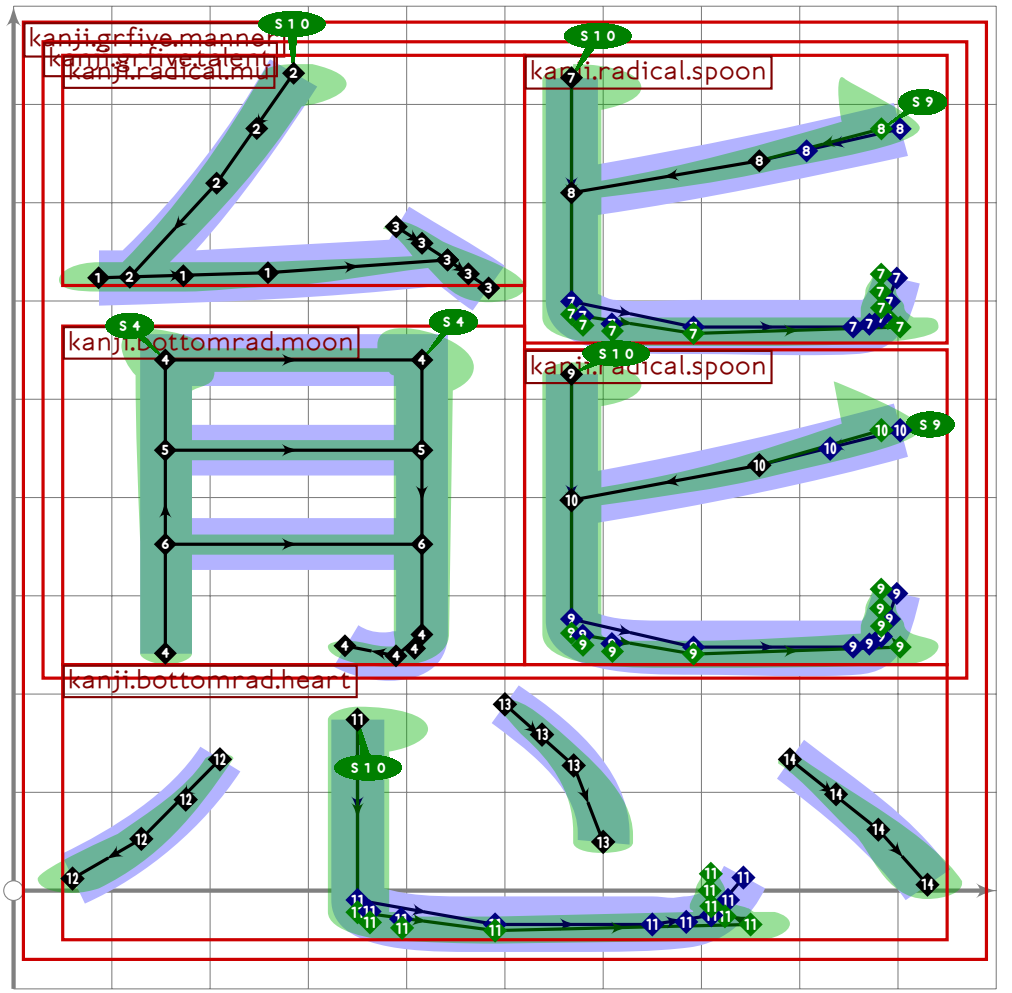



```
vardef kanji.grfour.love =
  push_pbox_toexpand("kanji.grfour.love");
  build_kanji.level(build_kanji.tb(430,160)
    (build_kanji.tb(380,160)
        (kanji.toprad.paw)
        (kanji.radical.conservative_hat))
    (build_kanji.tb(460,-40)
        (build_kanji.sscale(xscaled 0.8)(kanji.bottomrad.heart))
        (kanji.radical.winter)));
  expand_pbox;
enddef;
```

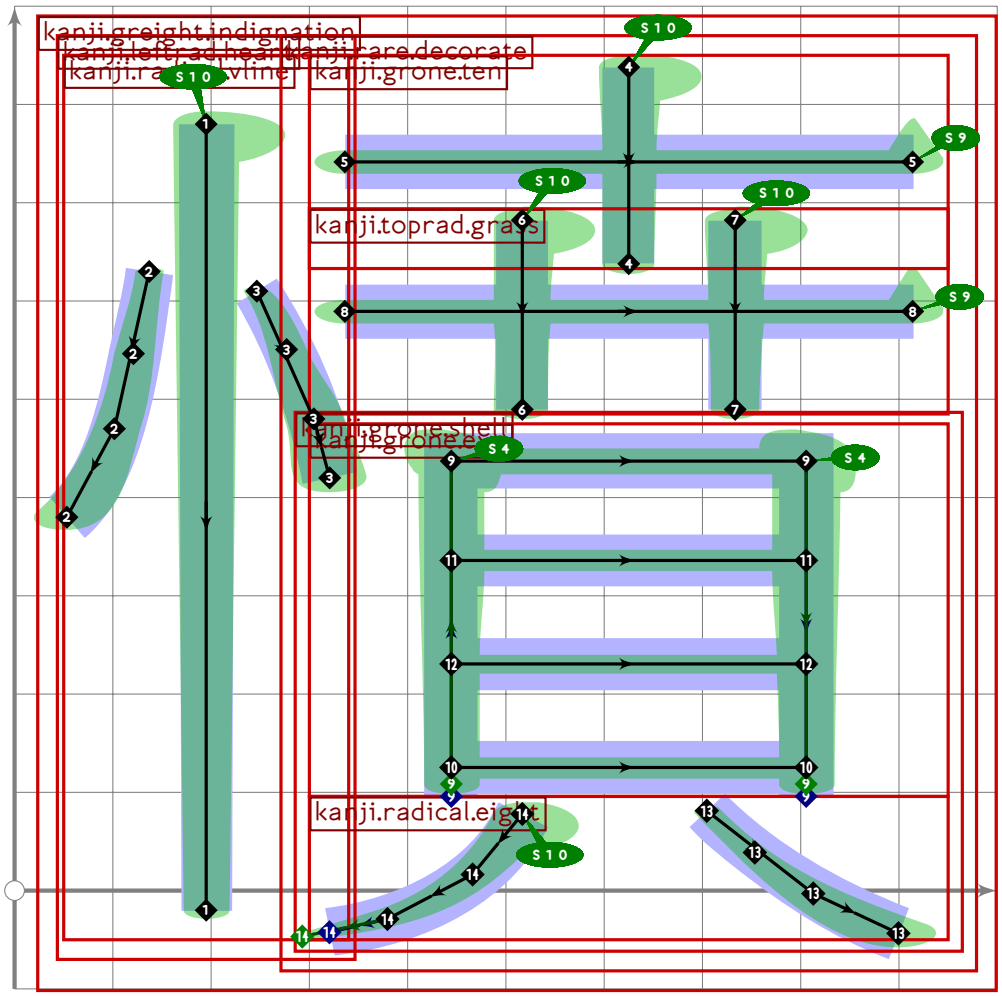



```
80
81 vardef  kanji.grfive.get__used__to =
82   push__pbox__toexpand("kanji.grfive.get__used__to");
83   build__kanji.level(build__kanji.lr(320,30)
84     (kanji.leftrad.heart)
85     (kanji.greight.sushi__counter));
86   expand__pbox;
87 enddef;
```

U+614B
tsuku.uni614B

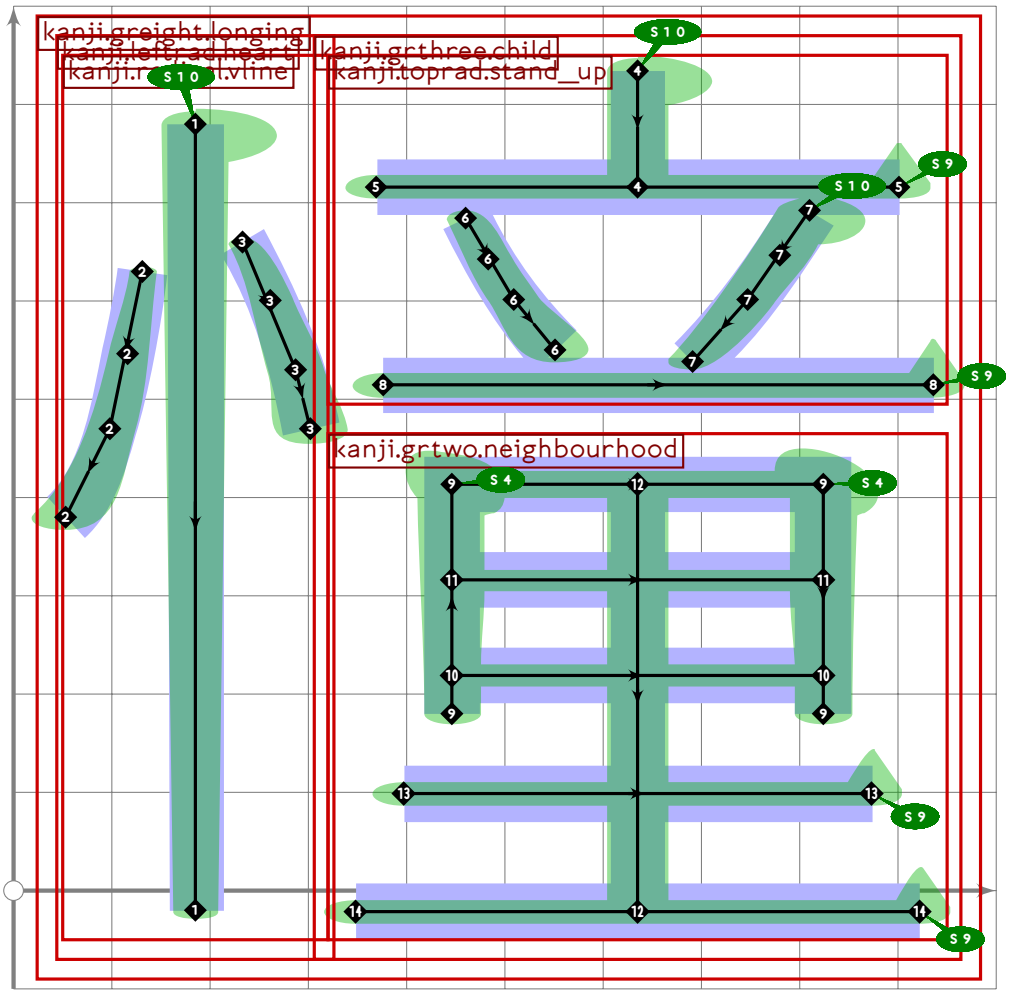



```
88
89 vardef  kanji.grfive.manner =
90   push_pbox_toexpand("kanji.grfive.manner");
91   build_kanji.level(build_kanji.tb(230,0)
92     (kanji.grfive.talent)
93     (kanji.bottomrad.heart));
94   expand_pbox;
95 enddef;
96
97 ---------------------------------------------------------------------
```

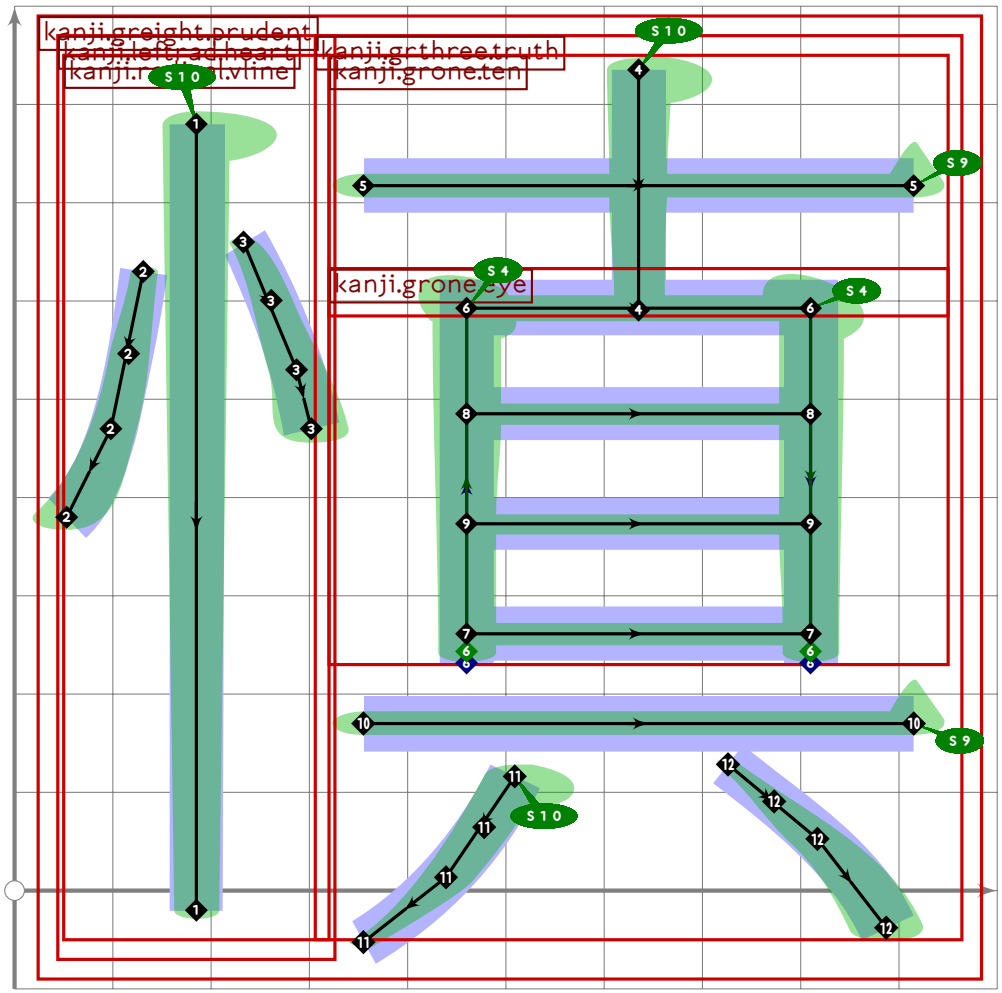



```
98
99 vardef kanji.greight.indignation =
100   push_pbox_toexpand("kanji.greight.indignation");
101   build_kanji.level(build_kanji.lr(320,40)
102     (kanji.leftrad.heart;
103       replace_strokep(0)(oldp shifted (0,-50)))
104     (kanji.rare.decorate));
105   expand_pbox;
106 enddef;
```

U+61A7
tsuku.uni61A7

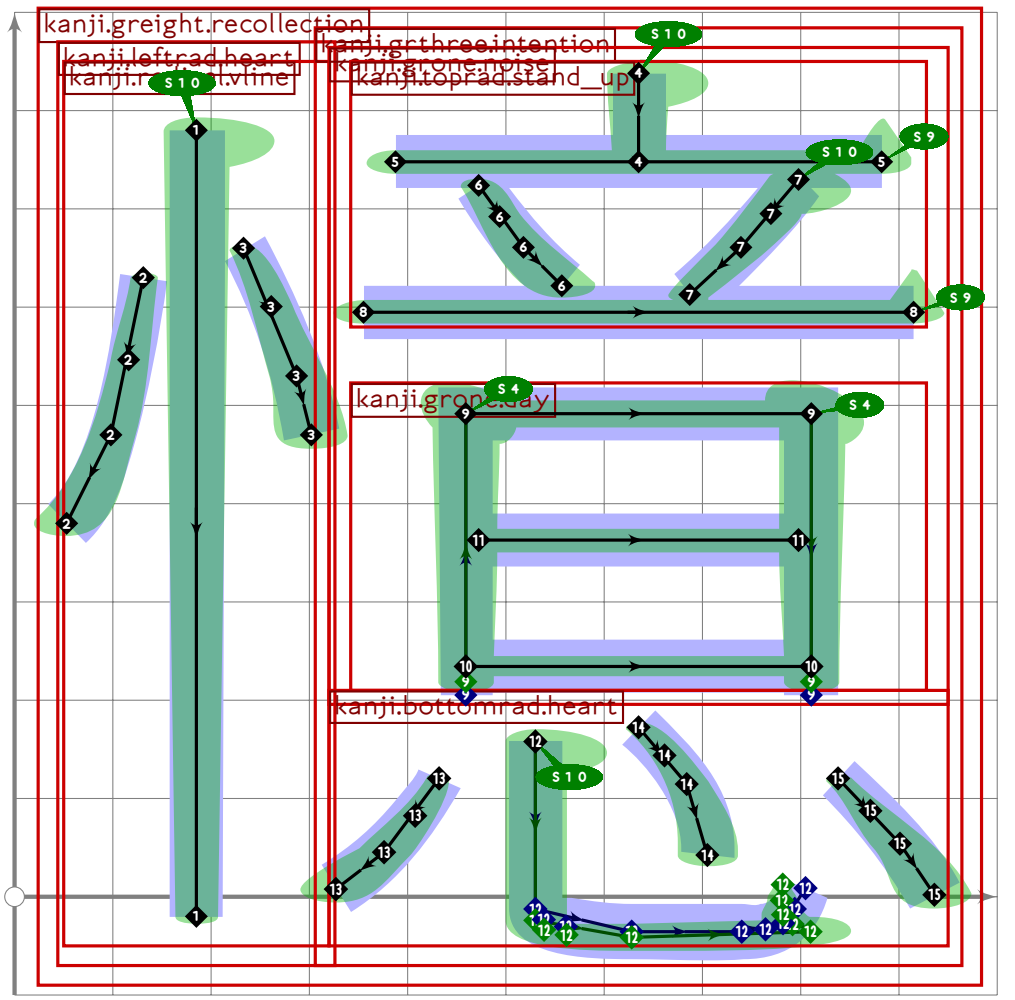



```
107
108 vardef kanji.greight.longing =
109   push_pbox_toexpand("kanji.greight.longing");
110   build_kanji.level(build_kanji.lr(320,0)
111     (kanji.leftrad.heart)
112     (kanji.grthree.child;
113       replace_strokep(-6)(subpath (0.07,1) of oldp)));
114   expand_pbox;
115 enddef;
```

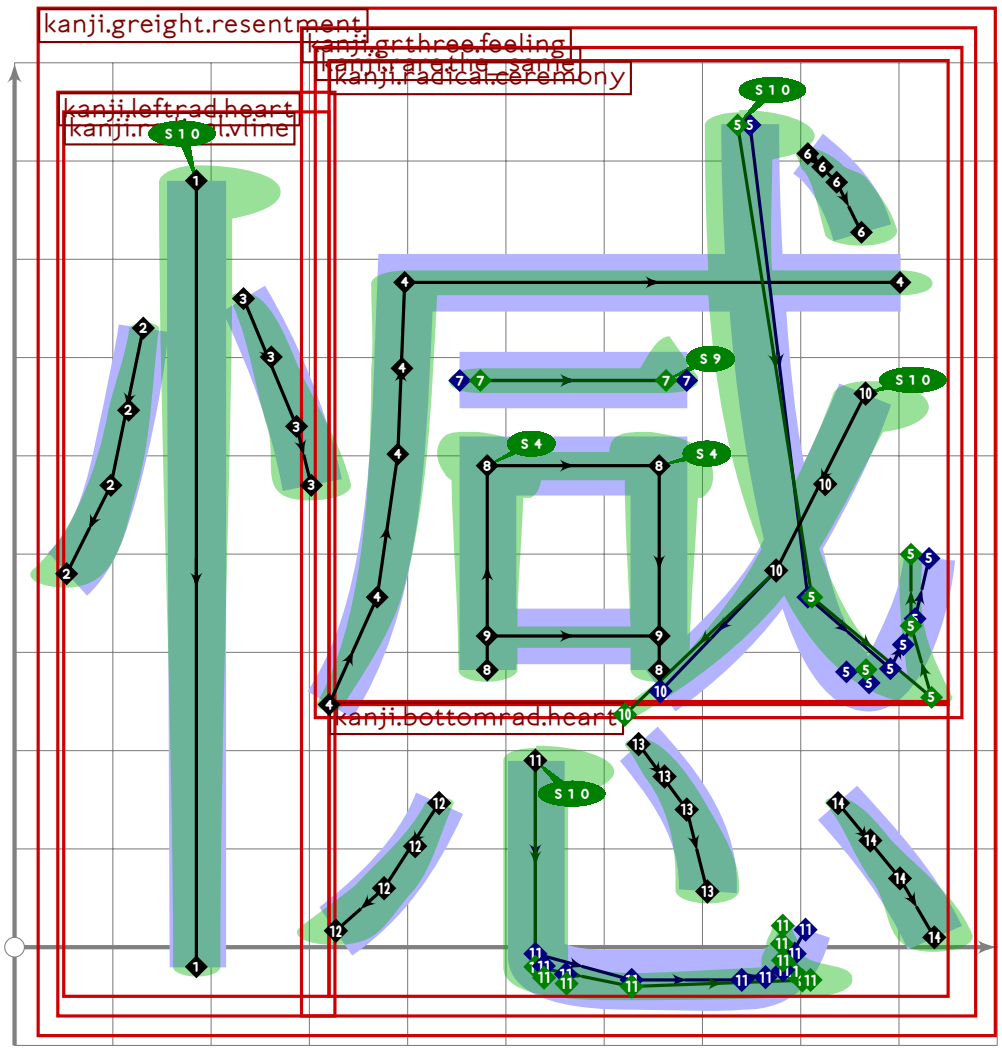



```
116
117 vardef  kanji.greight.prudent  =
118   push_pbox_toexpand("kanji.greight.prudent");
119   build_kanji.level(build_kanji.lr(320,0)
120     (kanji.leftrad.heart)
121     (kanji.grthree.truth));
122   expand_pbox;
123 enddef;
```

U+61B6
tsuku.uni61B6

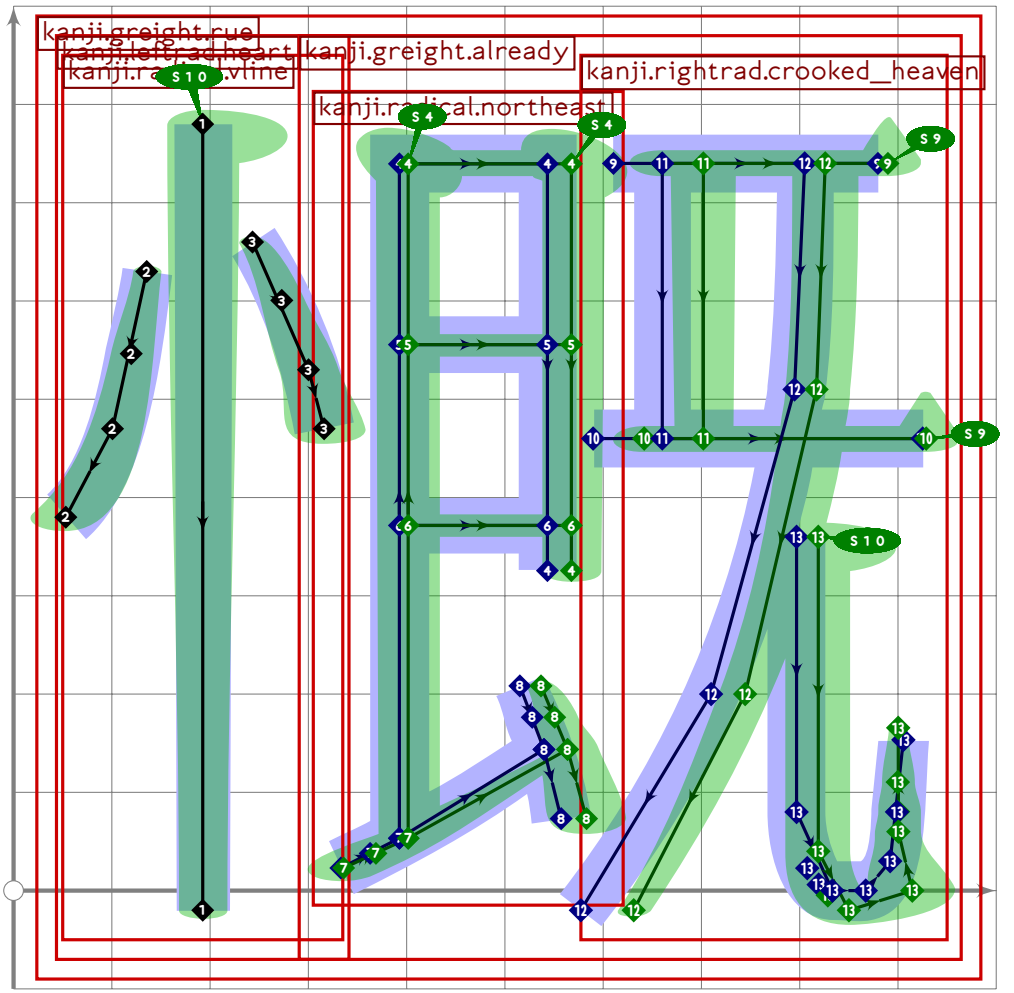



```
vardef  kanji.greight.recollection =
  push_pbox_toexpand("kanji.greight.recollection");
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grthree.intention));
  expand_pbox;
enddef;
```

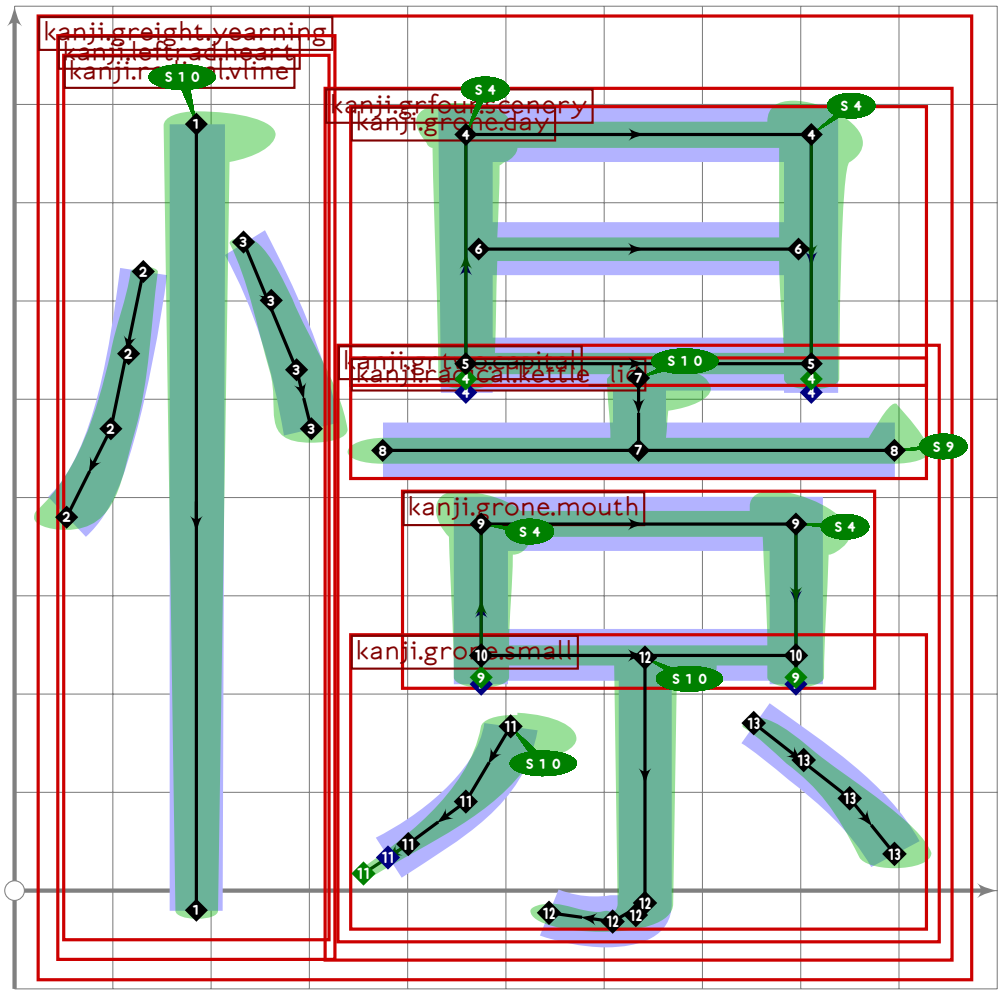



```
132
133 vardef  kanji.greight.resentment =
134   push_pbox_toexpand("kanji.greight.resentment");
135   build_kanji.level(build_kanji.lr(320,0)
136     (kanji.leftrad.heart)
137     (kanji.grthree.feeling));
138   expand_pbox;
139 enddef;
```

U+6168
tsuku.uni6168

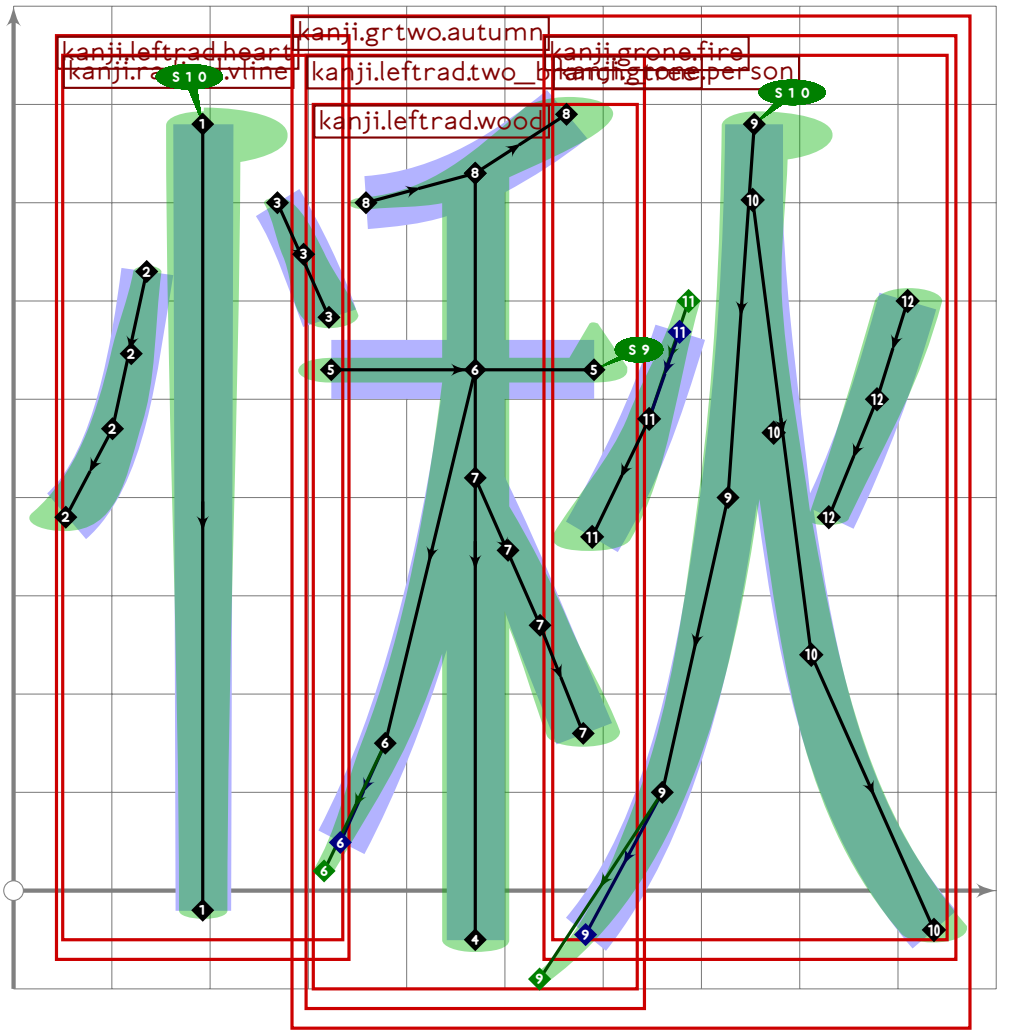



```
140
141 vardef  kanji.greight.rue =
142   push_pbox_toexpand("kanji.greight.rue");
143   build_kanji.level(build_kanji.lr(320,30)
144     (kanji.leftrad.heart)
145     (kanji.greight.already));
146   expand_pbox;
147 enddef;
```



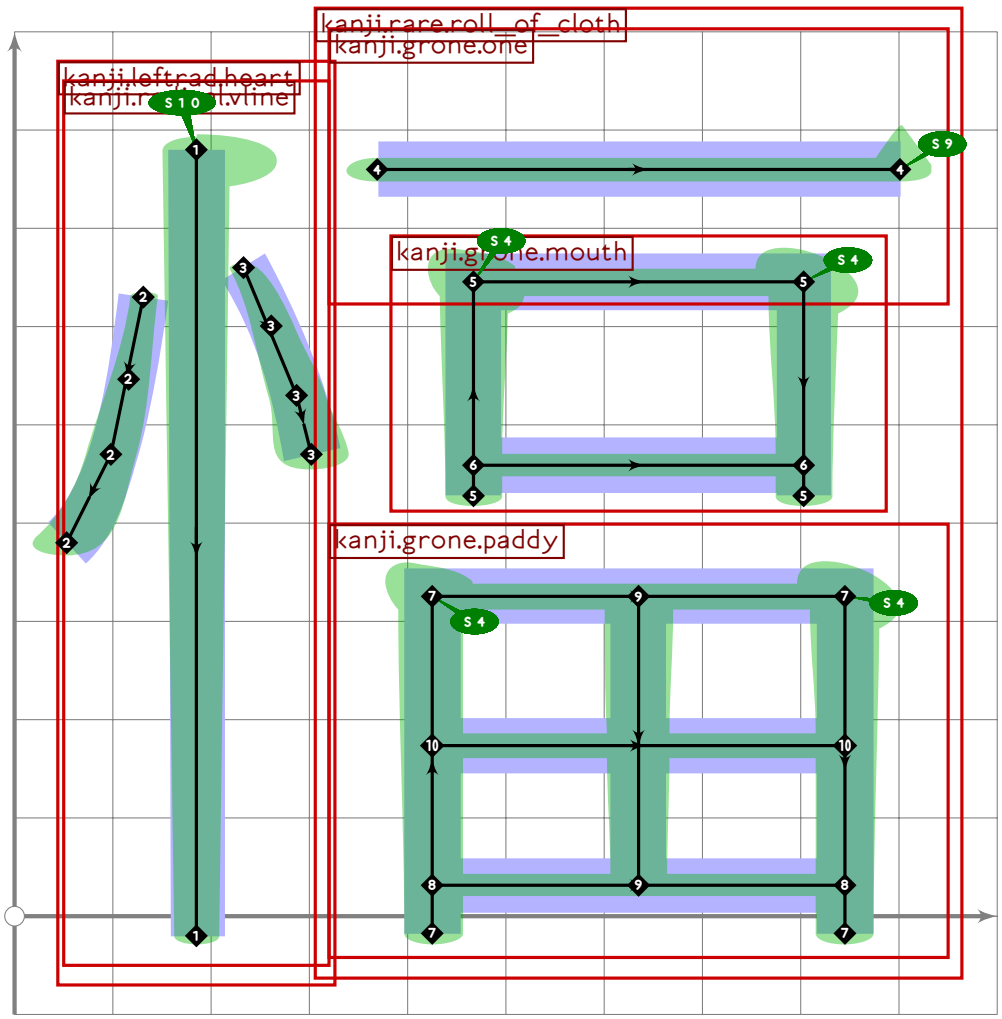

```
vardef kanji.greight.yearning =
  push_pbox_toexpand("kanji.greight.yearning");
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.93 shifted (0,-20))(kanji.grfour.scenery)));
  expand_pbox;
enddef;
```

U+6100
tsuku.uni6100




```
% shuu "respect"
begintsuglyph("uni6100",0);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,0.9) of oldp shifted (80,40));
     replace_strokeq(0)(subpath (0,0.9) of oldq))
    (kanji.grtwo.autumn));
  tsu_render;
endtsuglyph;

```

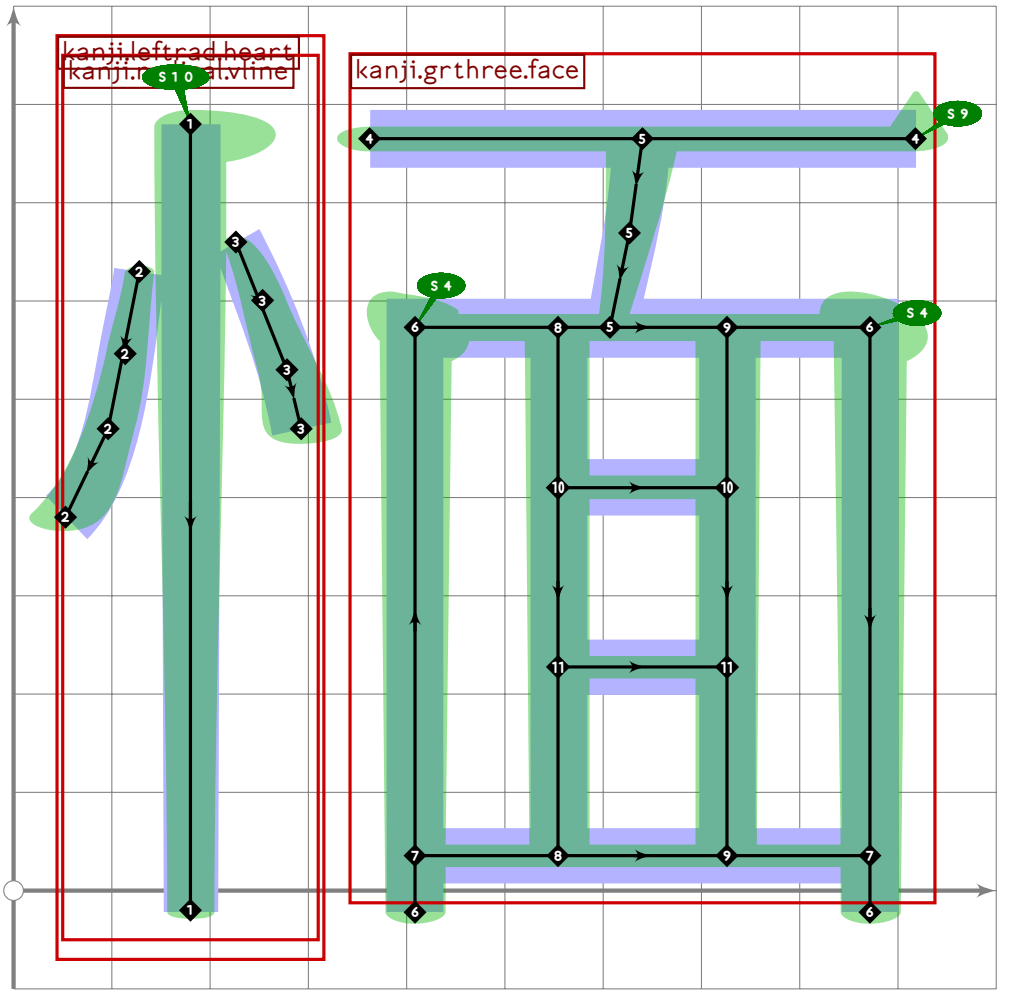



```
% hyoku/makoto "sincere"
begintsuglyph("uni610A",10);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 1.05 shifted (0,30))
        (kanji.rare.roll_of_cloth)));
  tsu_render;
endtsuglyph;

% i/moto "intention"
begintsuglyph("uni610F",15);
  kanji.grthree.intention;
  tsu_render;
endtsuglyph;
```

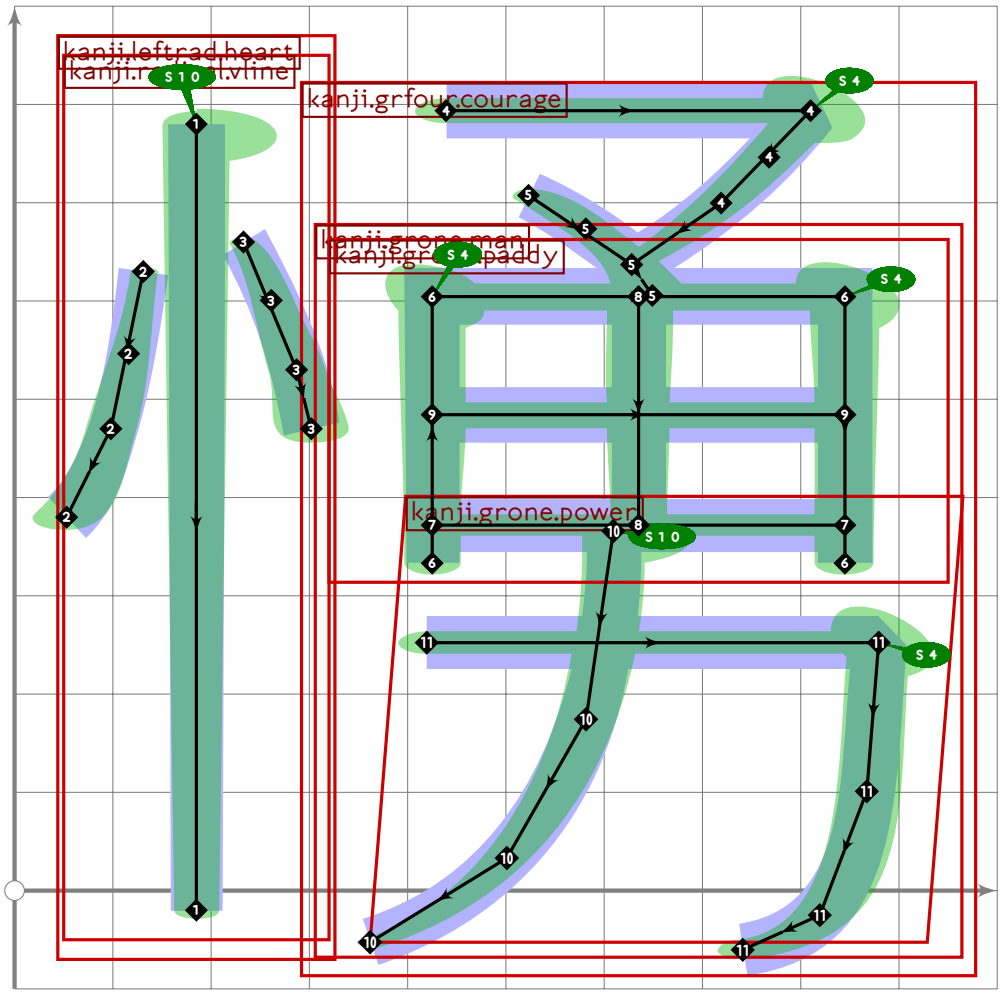
[see page 634]

U+6110
tsuku.uni6110




```
% ben/tsutomeru "bashful"
begintsuglyph("uni6110",16);
  build_kanji.level(build_kanji.lr(320,-20)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.96 shifted (0,20))(kanji.grthree.face)));
  tsu_render;
endtsuglyph;

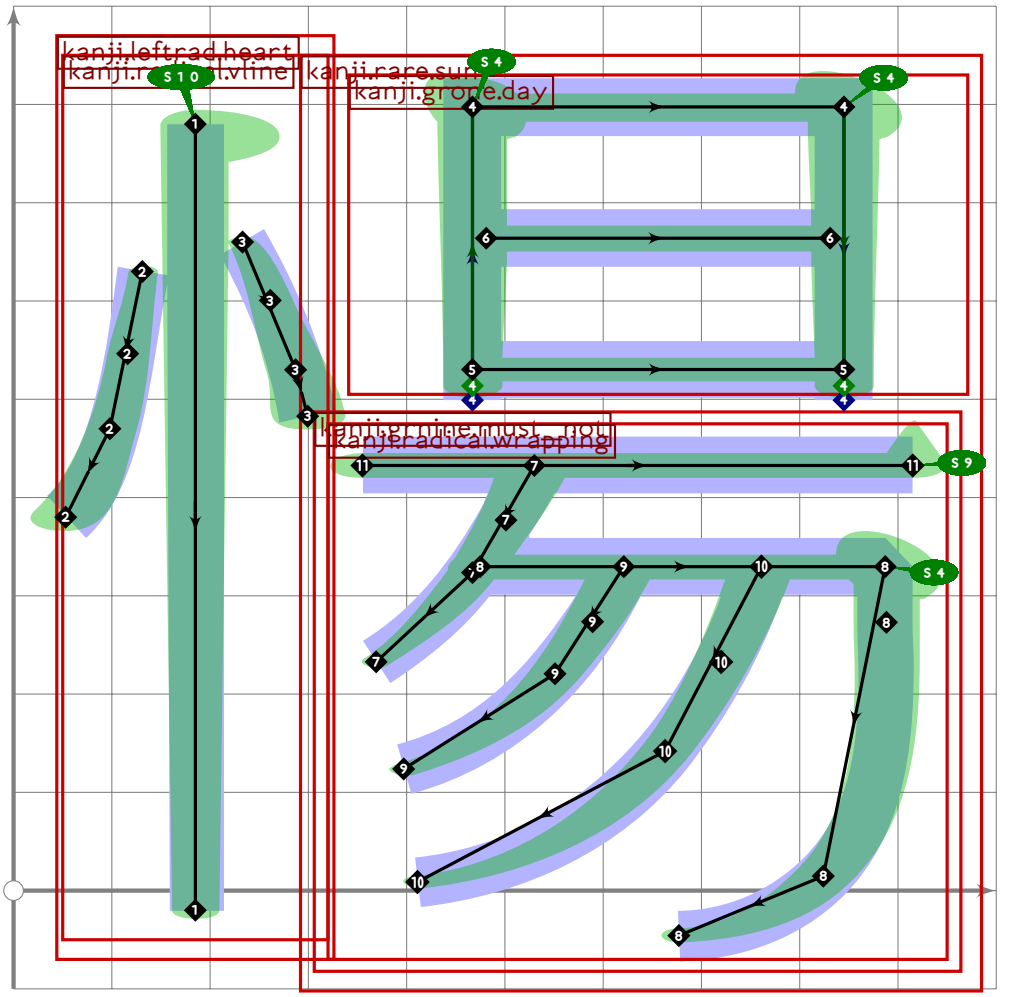
```



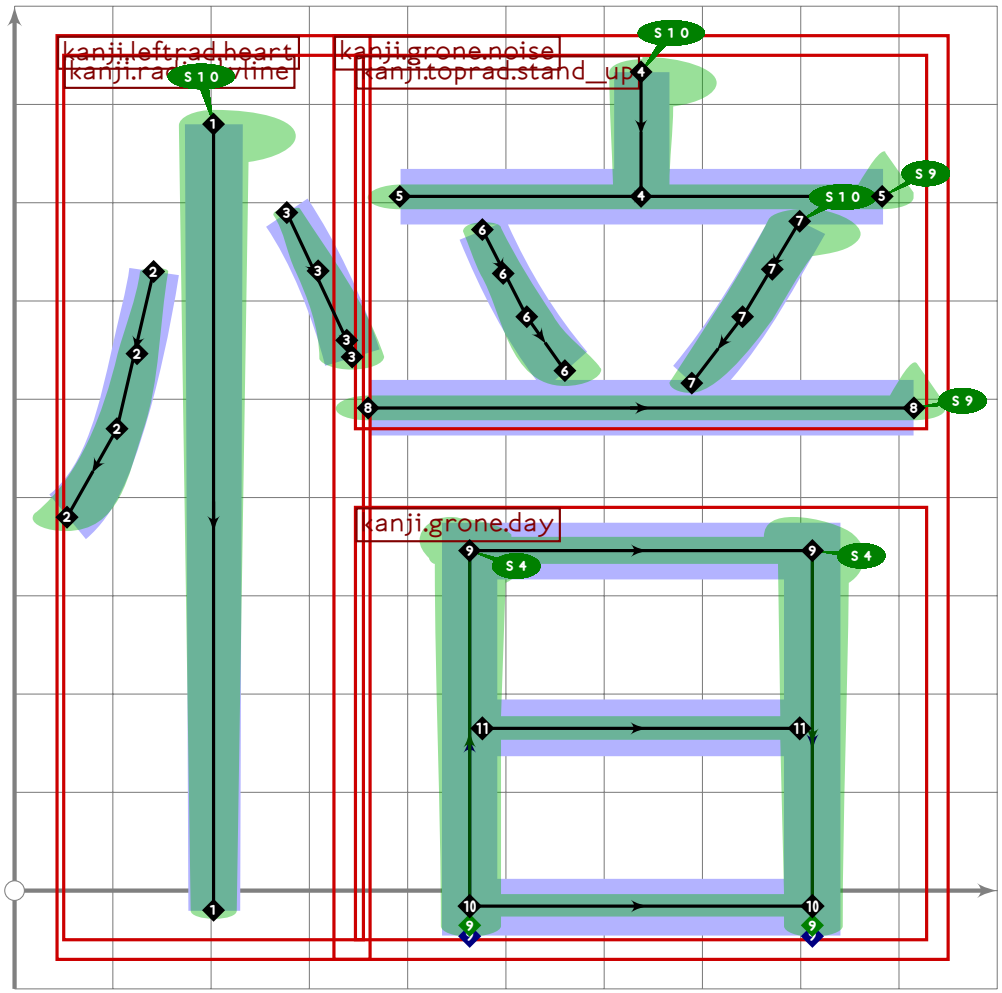

```
% you/mitsuru "no meaning specified"
begintsuglyph("uni6111",17);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.94)(kanji.grfour.courage)));
  tsu_render;
endtsuglyph;

```

U+6113
tsuku.uni6113



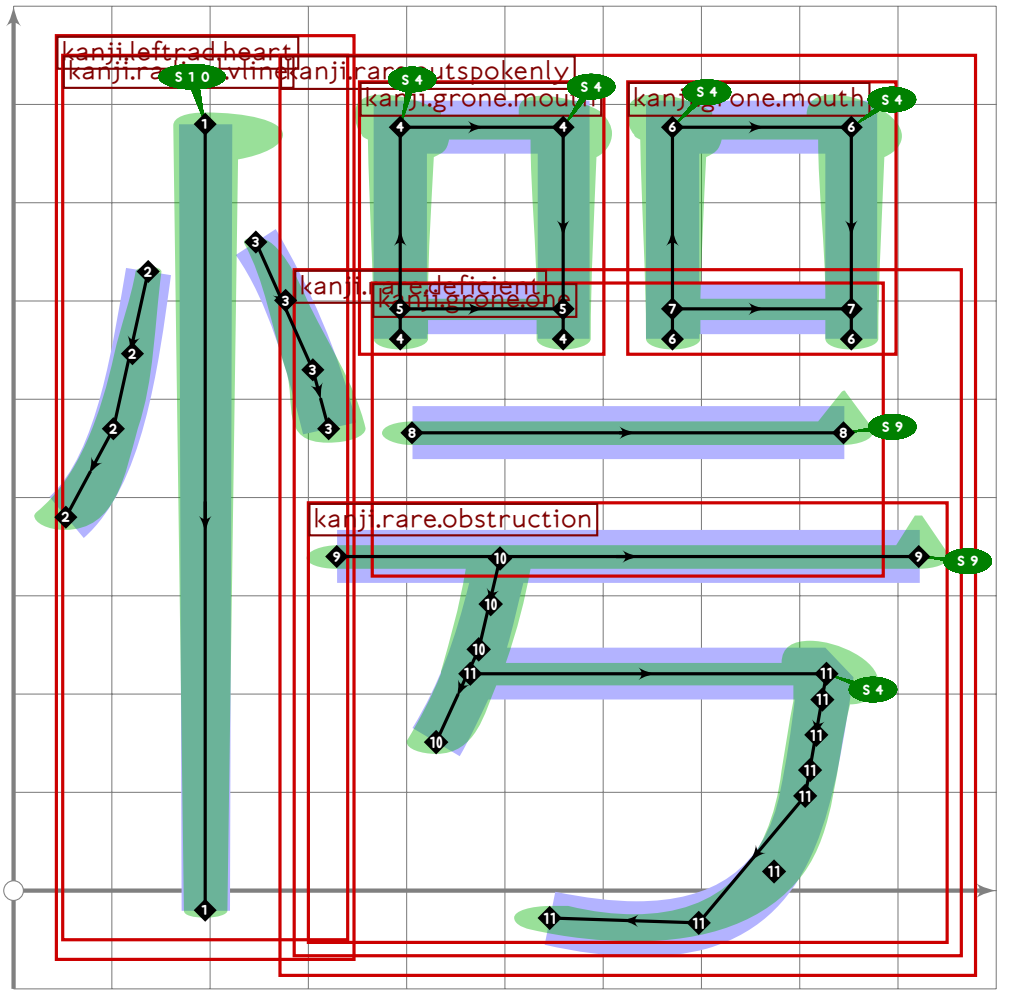

```
200 % tou/hoshiimama "profligate"
201 begintsuglyph("uni6113",19);
202   build_kanji.level(build_kanji.lr(320,0)
203     (kanji.leftrad.heart;
204      replace_strokep(0)(subpath (0,1.8) of oldp);
205      replace_strokeq(0)(subpath (0,1.8) of oldq))
206     (build_kanji.sscale(shifted (0,-20))(kanji.rare.sun)));
207   tsu_render;
208 endtsuglyph;
209
```




```
% in/yawaragu "comfortable"
begintsuglyph("uni6114",20);
  build_kanji.level(build_kanji.lr(340,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.3) of oldp shifted (60,30));
     replace_strokeq(0)(subpath (0,1.3) of oldq))
    (kanji.grone.noise));
  tsu_render;
endtsuglyph;

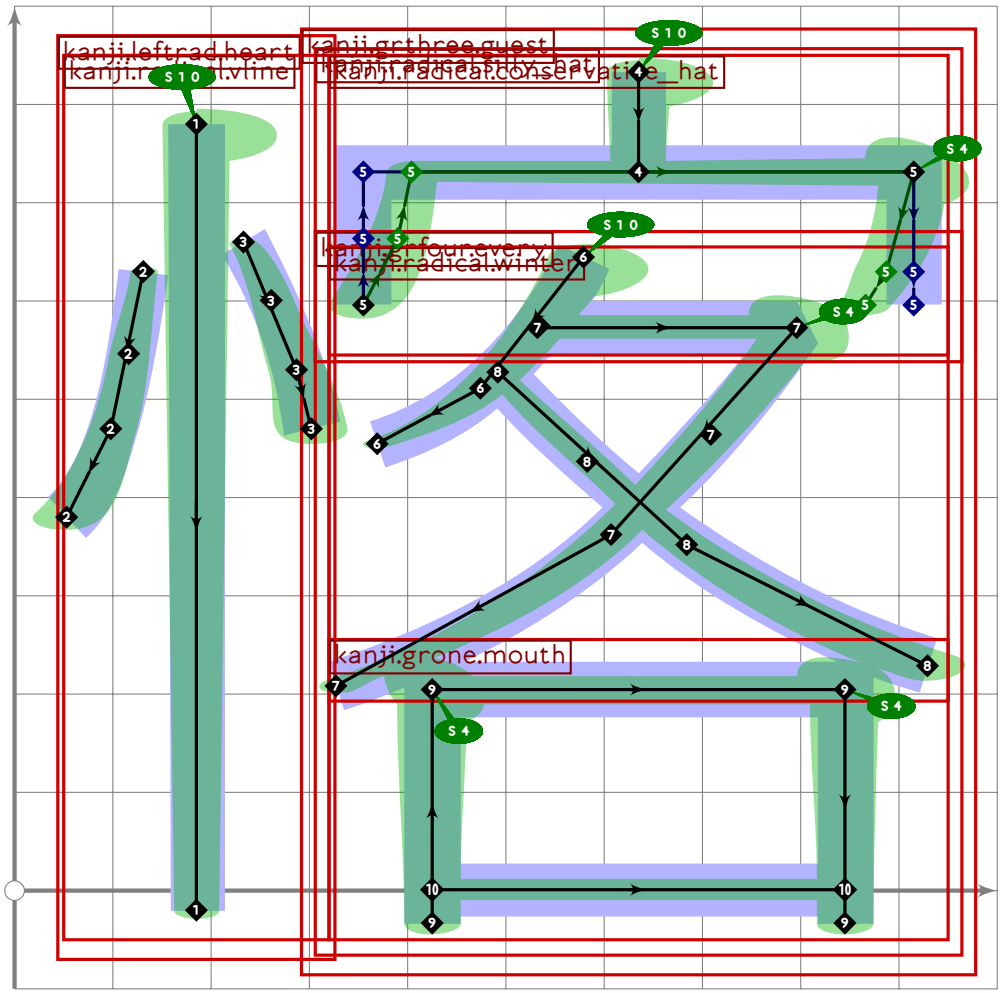
```

U+6115
tsuku.uni6115




```
% gaku/odoro "surprised"
begintsuglyph("uni6115",21);
  build_kanji.level(build_kanji.lr(320,40)
    (kanji.leftrad.heart)
    (kanji.rare.outspokenly));
  tsu_render;
endtsuglyph;

```

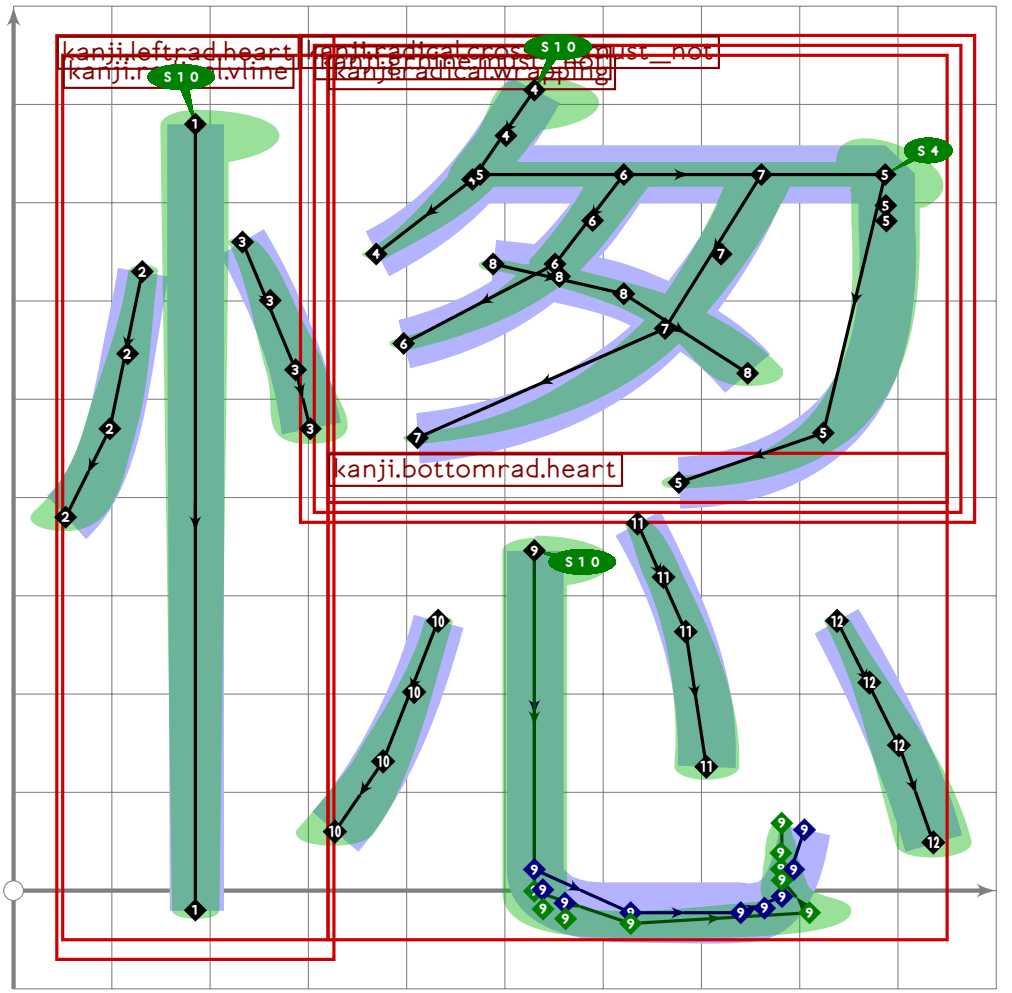



```
% extra
begintsuglyph("uni6118",24);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grthree.guest));
  tsu_render;
endtsuglyph;

% ai/ito "romantic love"
begintsuglyph("uni611B",27);                                  [see page 2496]
  kanji.grfour.love;
  tsu_render;
endtsuglyph;

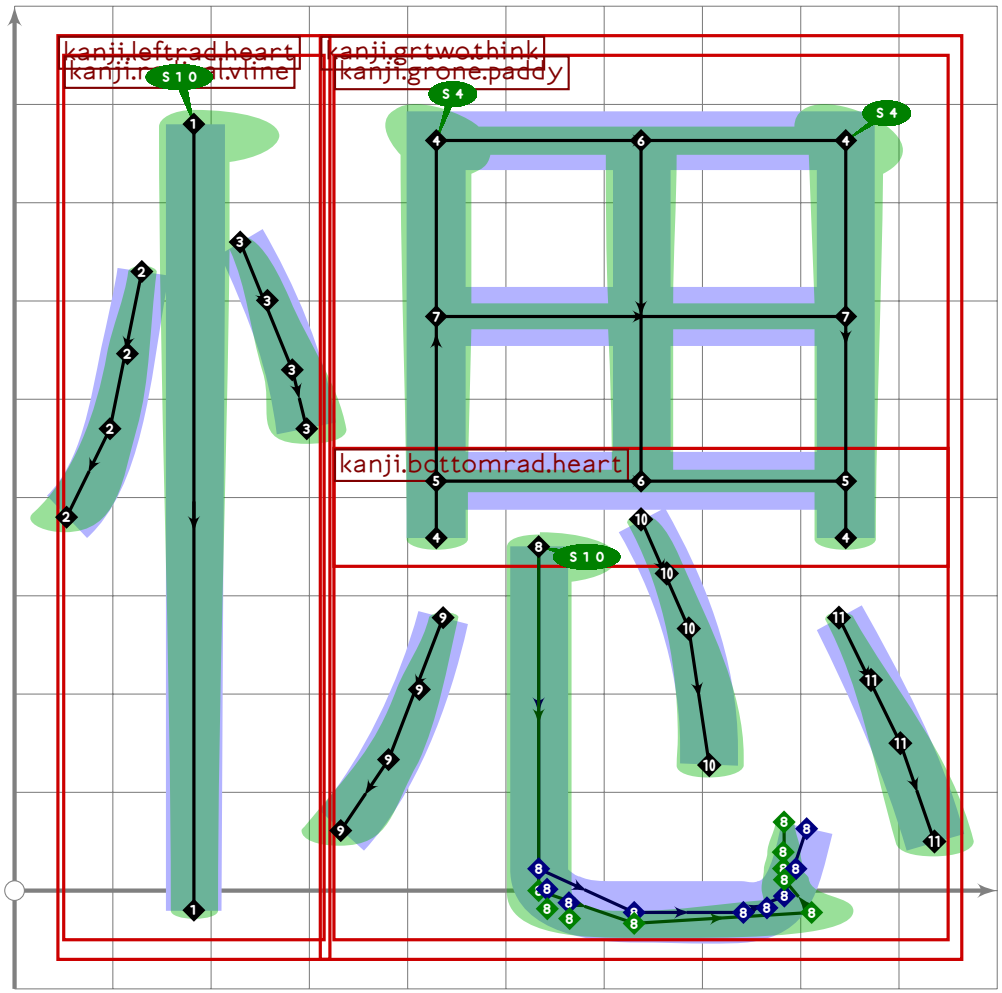
% kan "feeling"
begintsuglyph("uni611F",31);                                  [see page 2495]
  kanji.grthree.feeling;
  tsu_render;
endtsuglyph;
```

U+6121
tsuku.uni6121




```
% sou "foot race"
begintsuglyph("uni6121",33);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.tb(420,50)
        (kanji.radical.crossed_must_not)
        (kanji.bottomrad.heart)));
  tsu_render;
endtsuglyph;

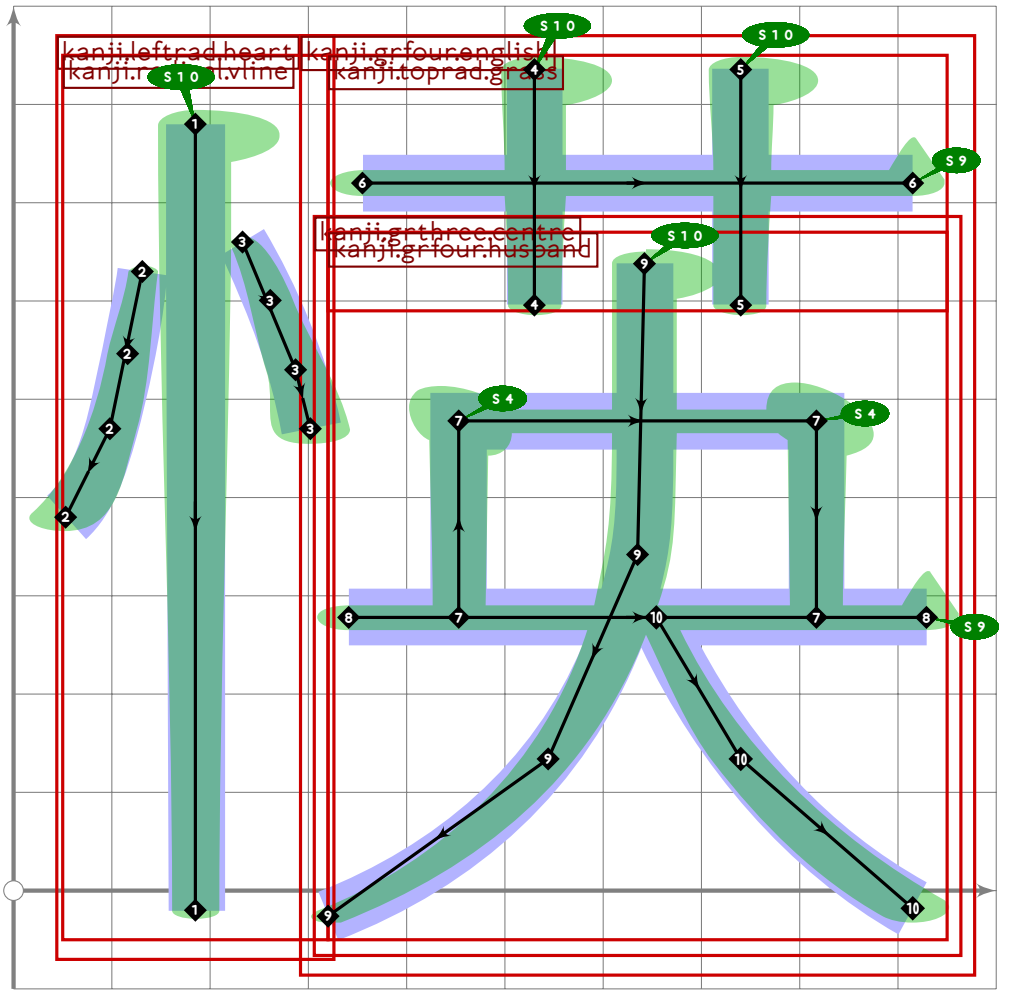
```




```
% sei/kororogatagau "different mind"?
begintsuglyph("uni6122",34);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (kanji.grtwo.think));
  tsu_render;
endtsuglyph;

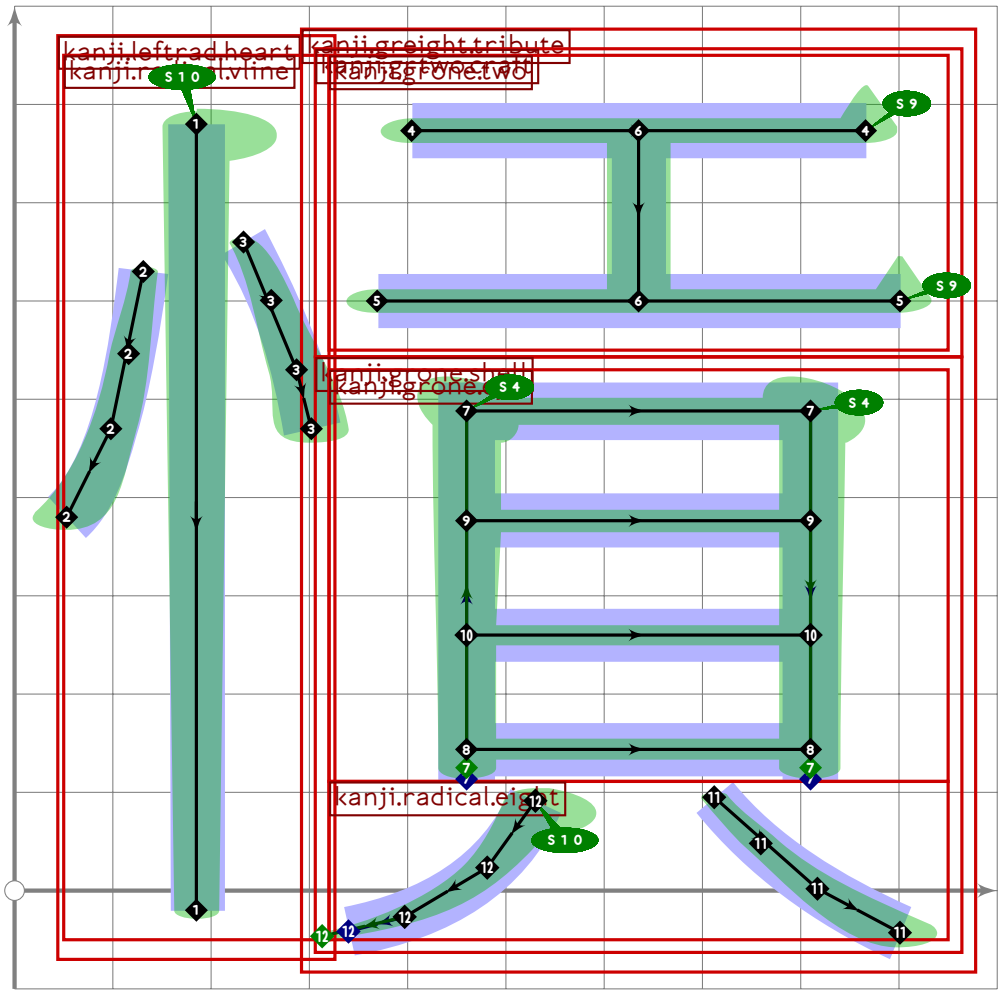
```

U+6125
tsuku.uni6125




```
% extra
begintsuglyph("uni6125",37);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.english));
  tsu_render;
endtsuglyph;

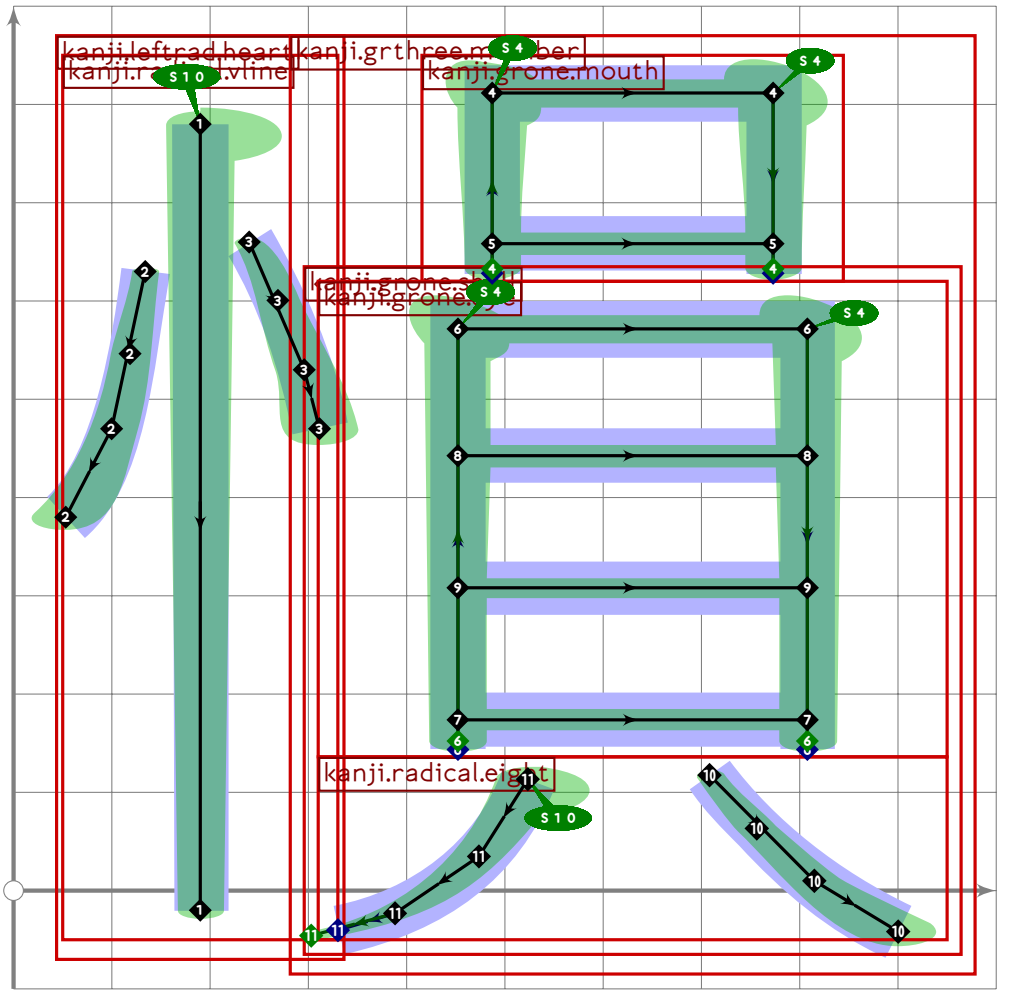
```




```
% extra
begintsuglyph("uni6129",41);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.greight.tribute));
  tsu_render;
endtsuglyph;

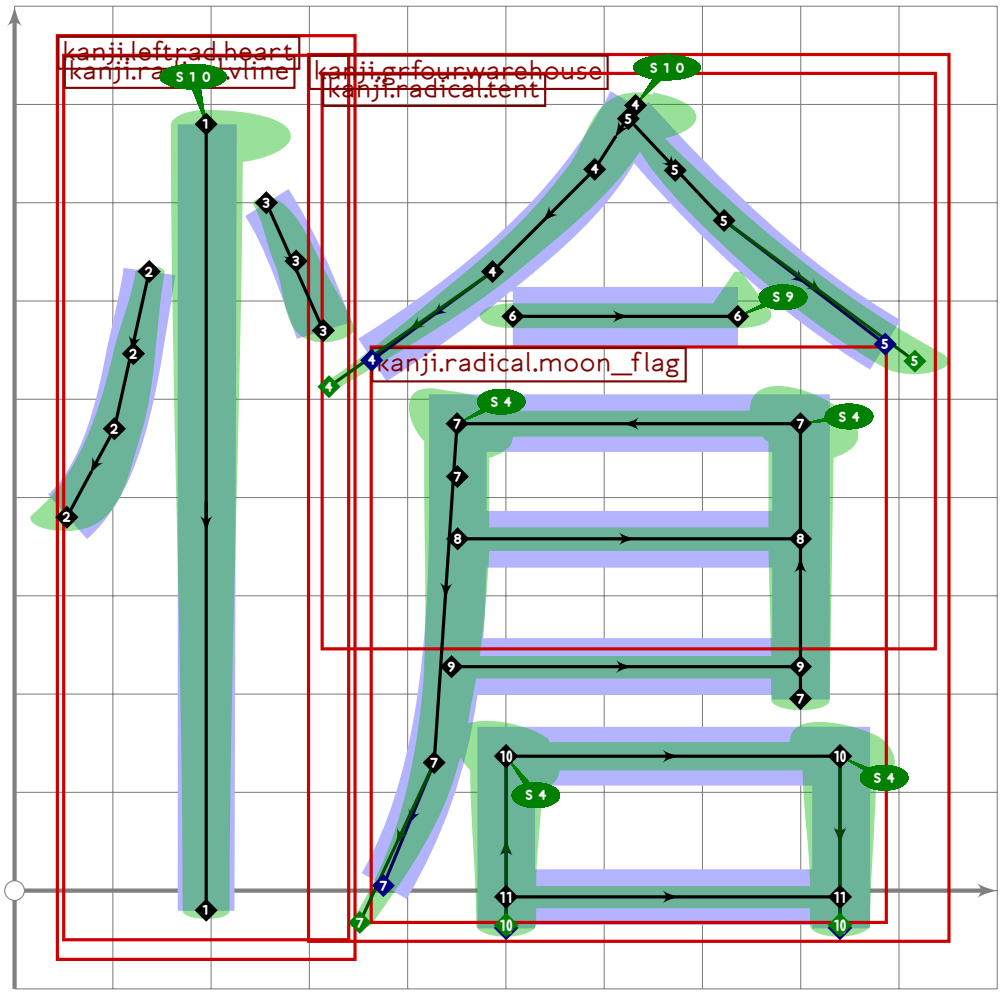
```

U+612A
tsuku.uni612A




```
% un/uraeru "be sad"
begintsuglyph("uni612A",42);
  build_kanji.level(build_kanji.lr(320,20)
    (kanji.leftrad.heart)
    (kanji.grthree.member));
  tsu_render;
endtsuglyph;

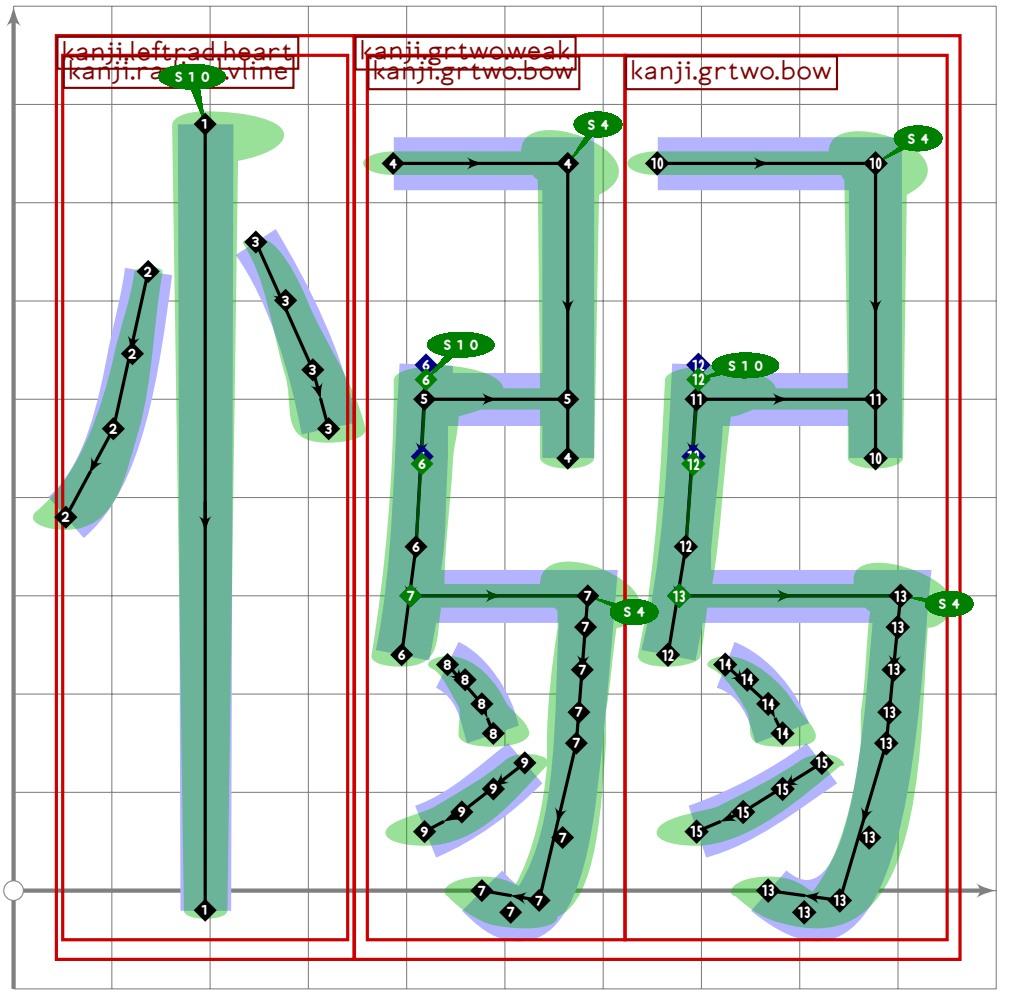
```




```
% sou/itamashii "pathetic"
begintsuglyph("uni6134",52);
  build_kanji.level(build_kanji.lr(320,40)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1) of oldp shifted (30,40));
     replace_strokeq(0)(subpath (0,1) of oldq))
    (build_kanji.sscale(scaled 0.96)(kanji.grfour.warehouse)));
  tsu_render;
endtsuglyph;

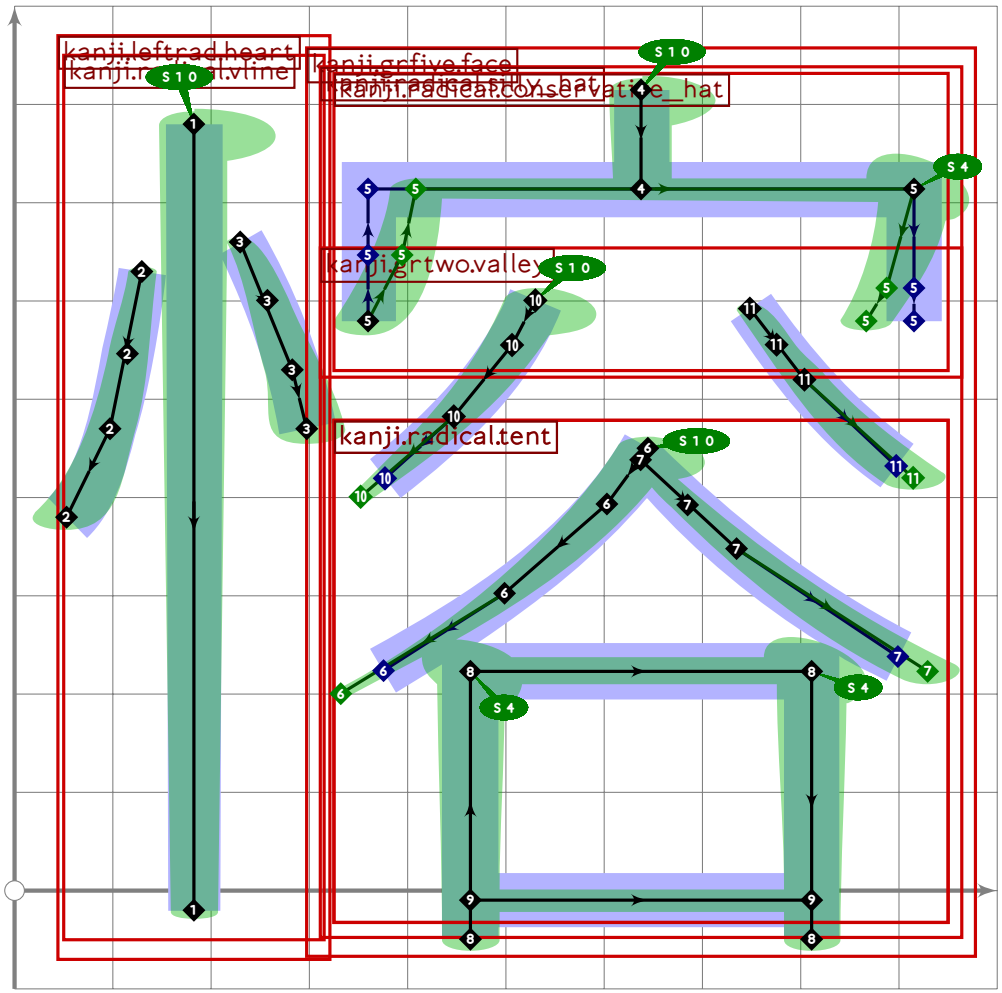
```

U+6135
tsuku.uni6135




```
% deki/uraeru "no meaning given"
begintsuglyph("uni6135",53);
  build_kanji.level(build_kanji.lr(350,-20)
    (kanji.leftrad.heart)
    (kanji.grtwo.weak));
  tsu_render;
endtsuglyph;

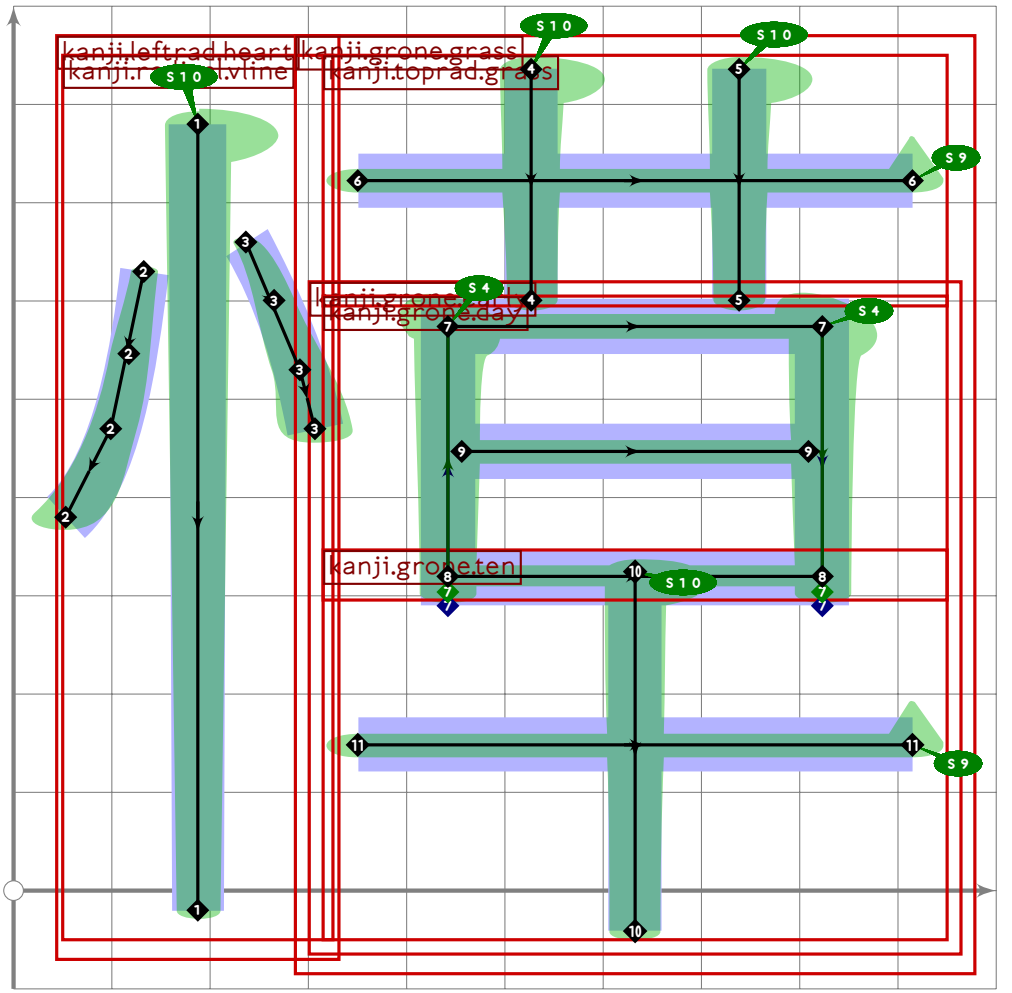
```




```
% you/ikaru "no meaning given"
begintsuglyph("uni6139",57);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (build_kanji.sscale(yscaled 0.96)(kanji.grfive.face)));
  tsu_render;
endtsuglyph;

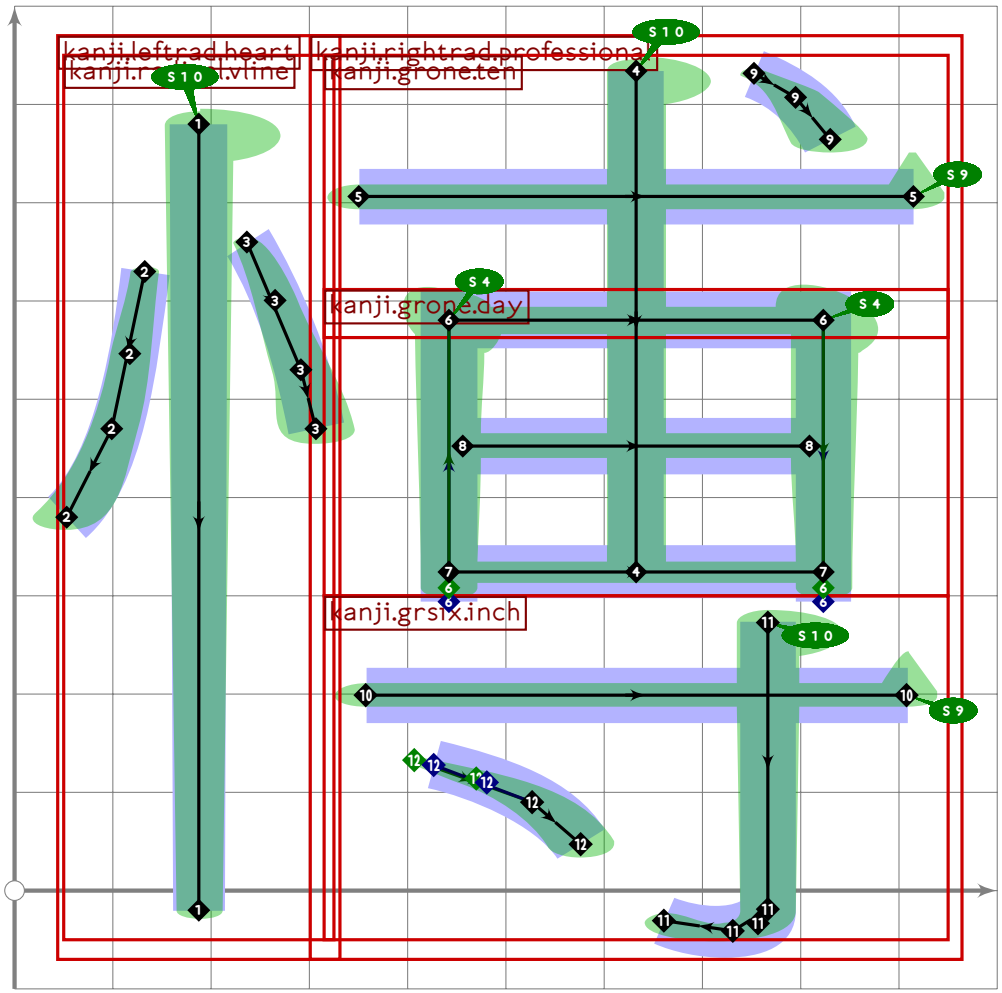
```

U+613A
tsuku.uni613A




```
% extra
begintsuglyph("uni613A",58);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grone.grass));
  tsu_render;
endtsuglyph;

```

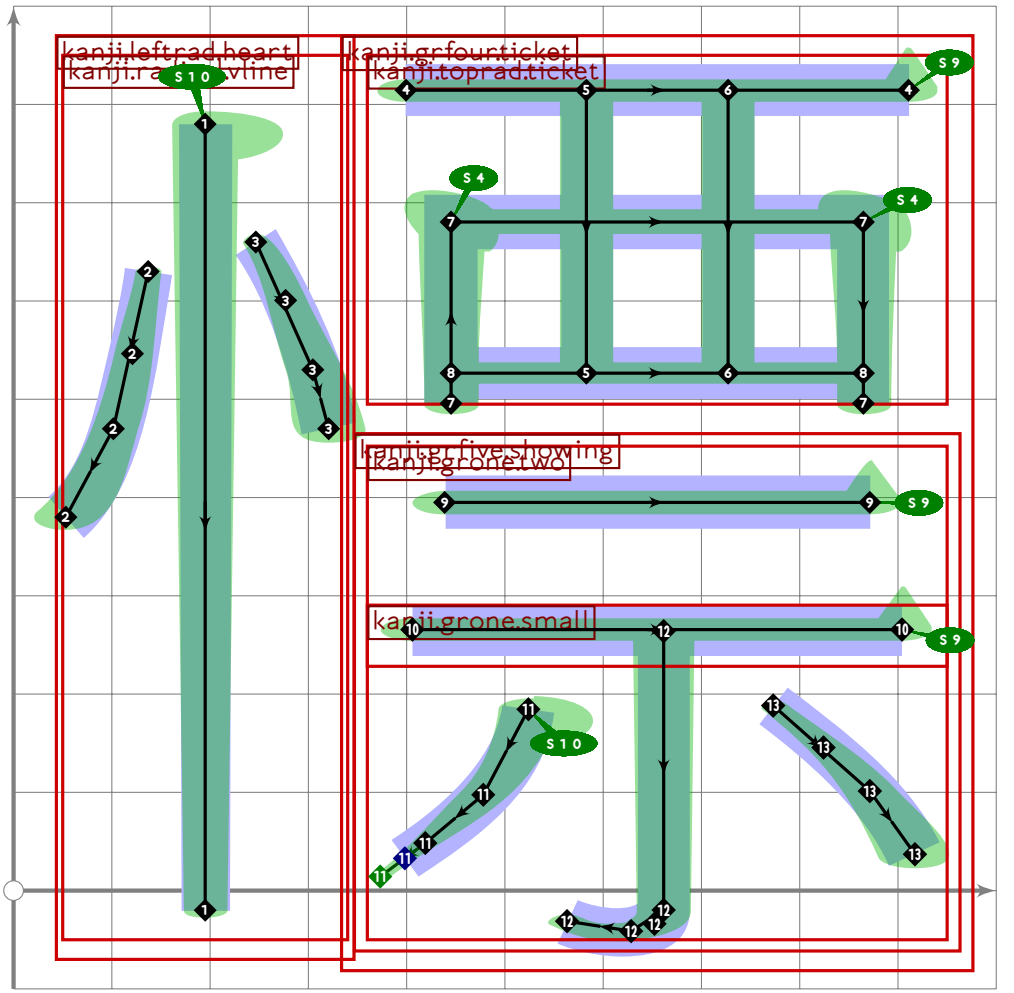



```
% tan "grieving"
begintsuglyph("uni613D",61);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.rightrad.professional));
  tsu_render;
endtsuglyph;

% tai/waza "manner"
begintsuglyph("uni614B",75);                                [see page 2498]
  kanji.grfive.manner;
  tsu_render;
endtsuglyph;

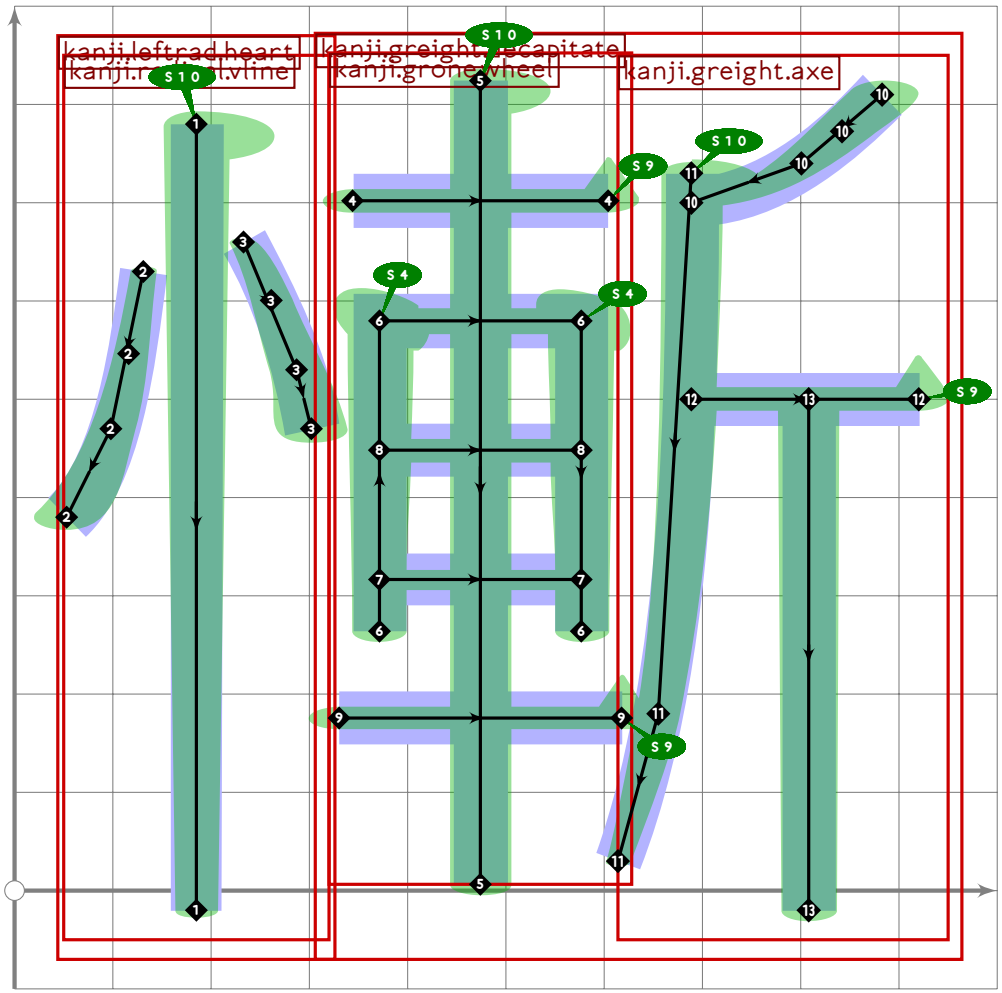
% shin/tsutsushimu "prudent"
begintsuglyph("uni614E",78);                                [see page 2501]
  kanji.greight.prudent;
  tsu_render;
endtsuglyph;
```

U+6153
tsuku.uni6153




```
% hyou "quick"
begintsuglyph("uni6153",83);
  build_kanji.level(build_kanji.lr(350,-20)
    (kanji.leftrad.heart)
    (kanji.grfour.ticket));
  tsu_render;
endtsuglyph;

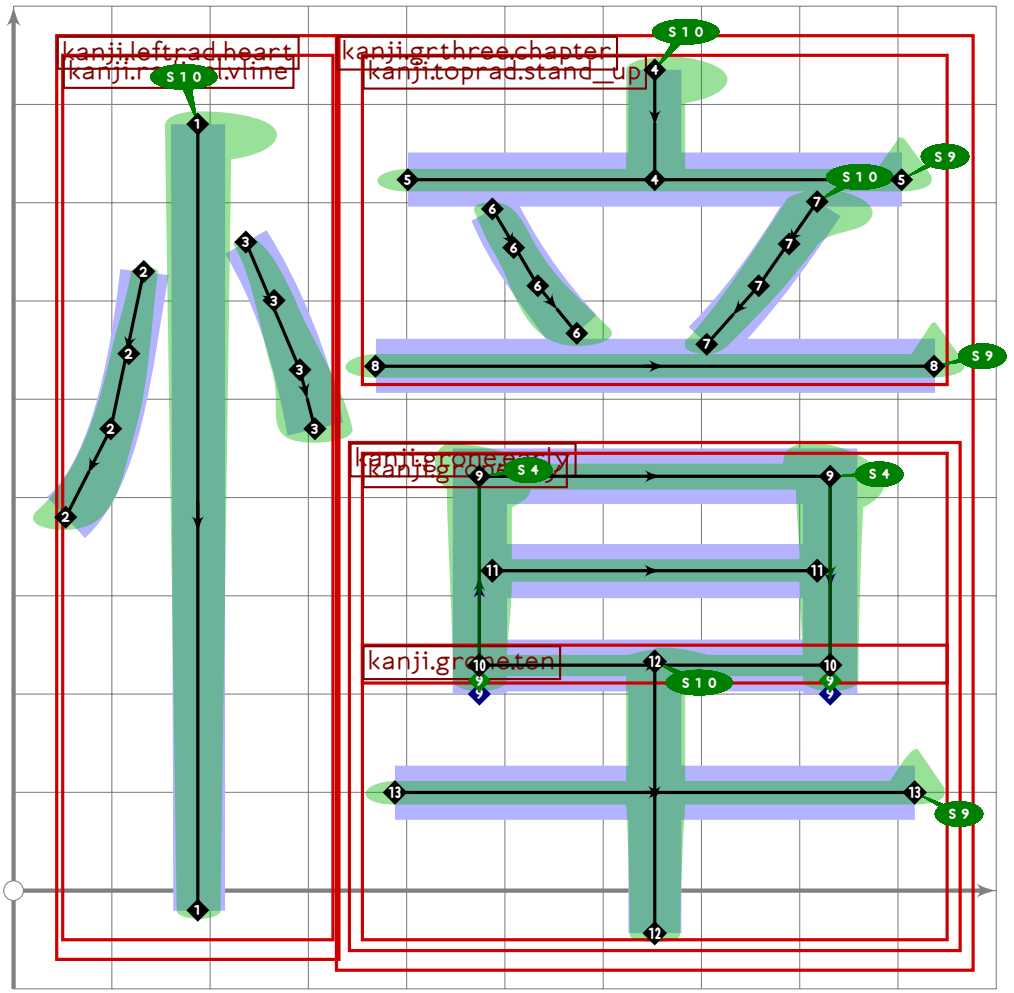
```




```
% zen/haji "feel deeply ashamed"
begintsuglyph("uni615A",90);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.greight.decapitate));
  tsu_render;
endtsuglyph;

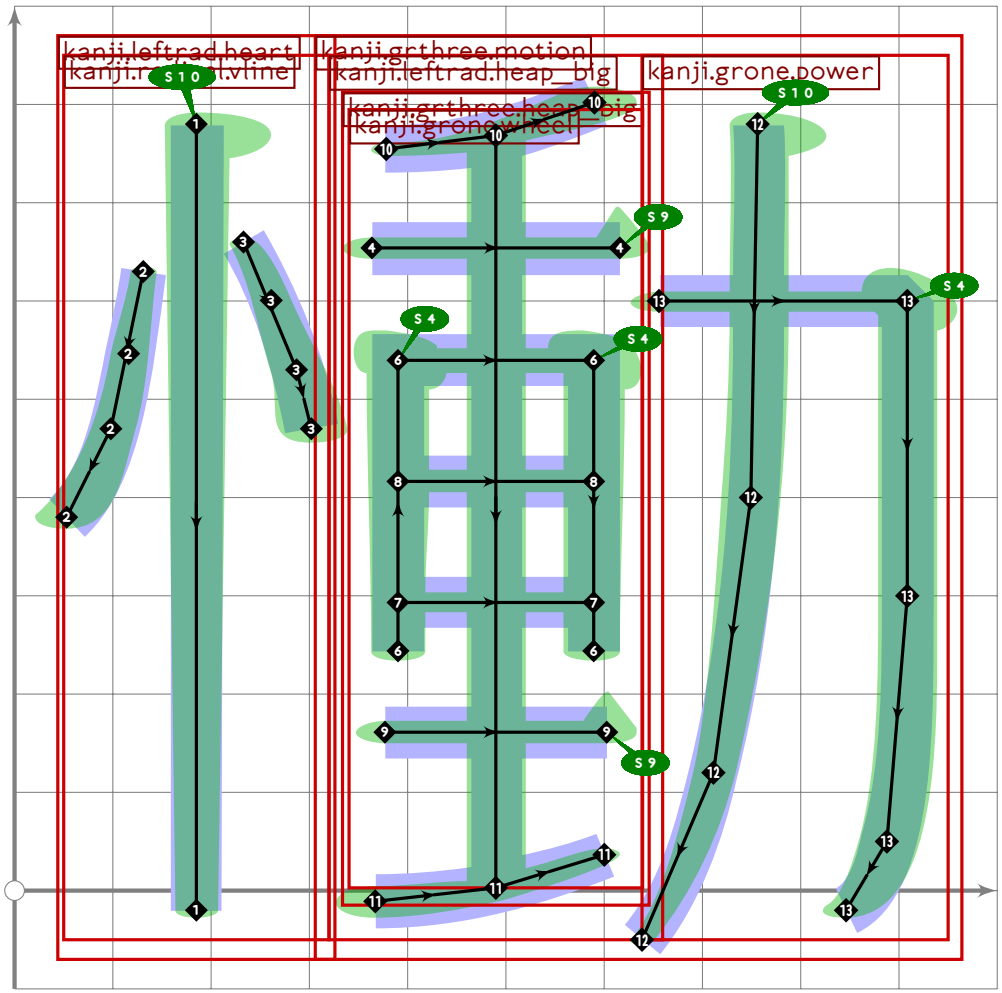
```

U+615E
tsuku.uni615E




```
% shou/osoreru "no meaning given"
begintsuglyph("uni615E",94);
  build_kanji.level(build_kanji.lr(340,-30)
    (kanji.leftrad.heart)
    (kanji.grthree.chapter));
  tsu_render;
endtsuglyph;

```

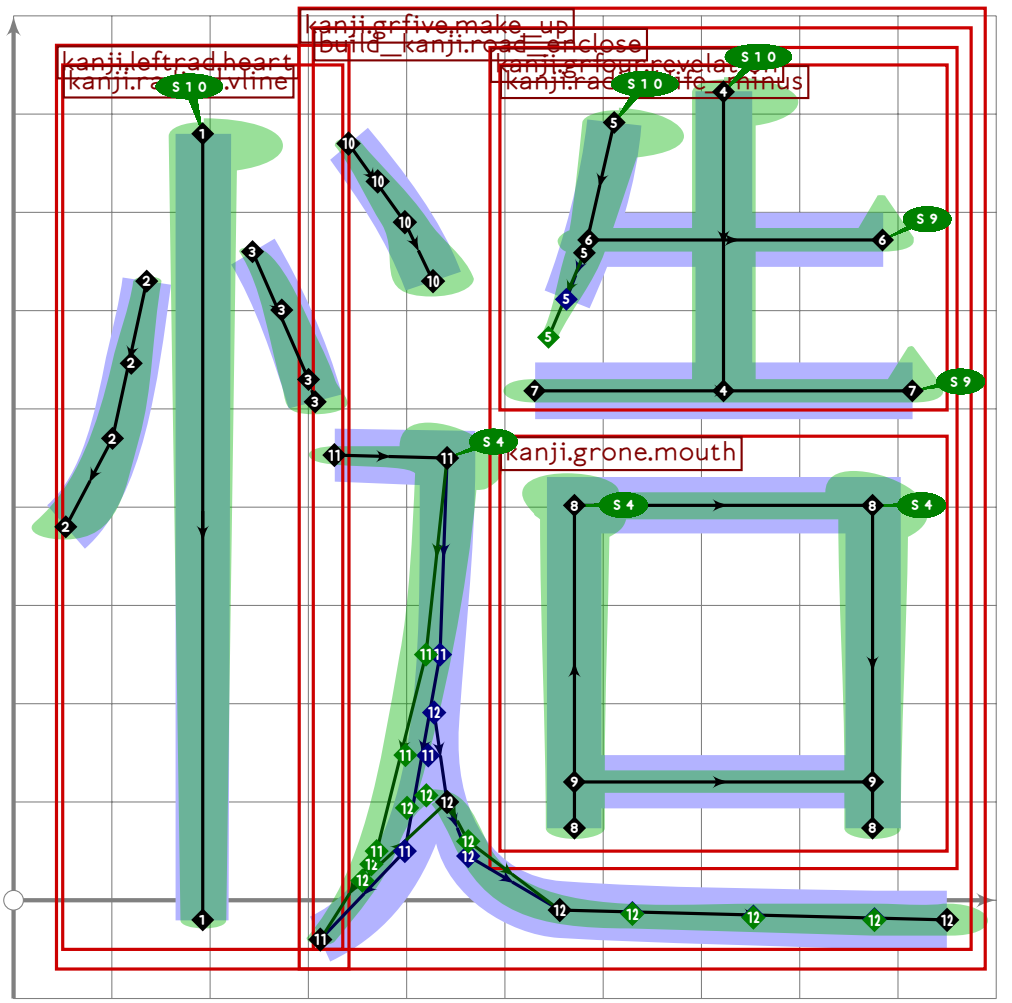



```
% dou/nageku "grieve"
begintsuglyph("uni615F",95);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grthree.motion));
  tsu_render;
endtsuglyph;

% kan/nareru "get used to"
begintsuglyph("uni6163",99);
  kanji.grfive.get_used_to;
  tsu_render;
endtsuglyph;
```

[see page 2497]

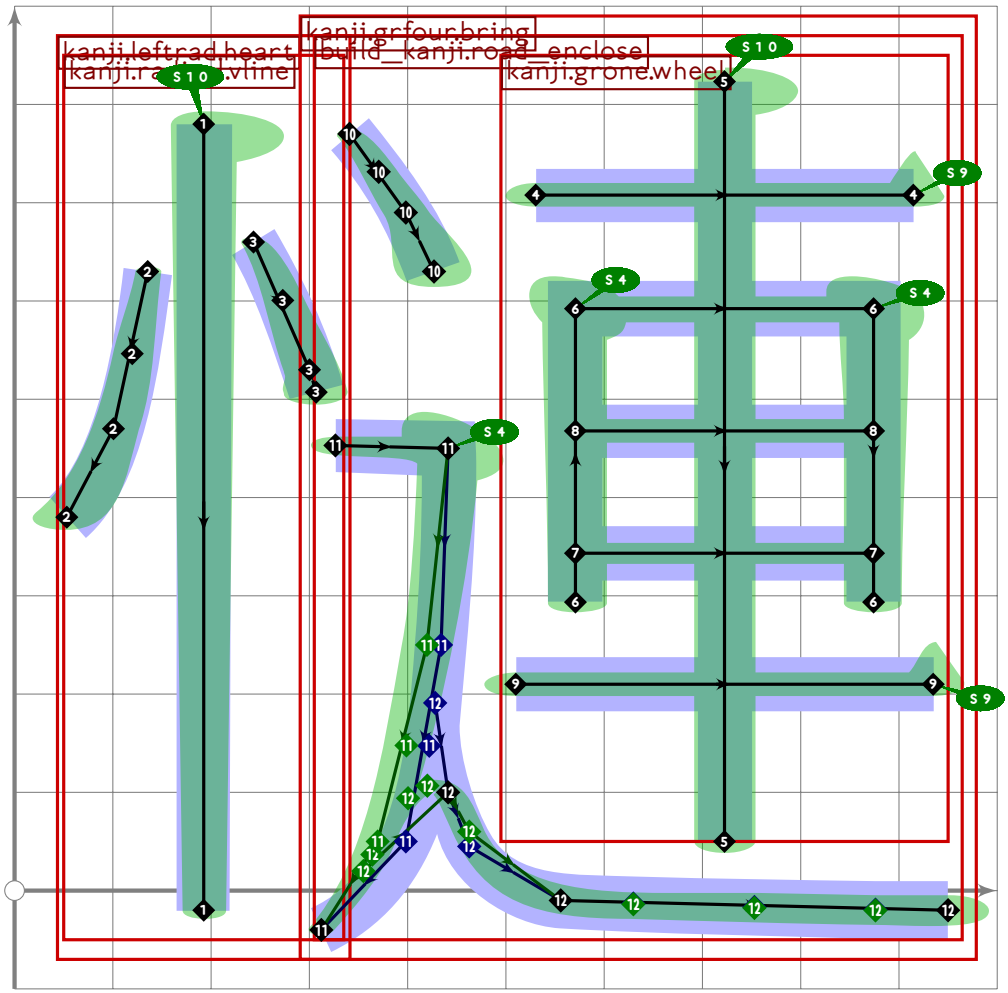
U+6165
tsuku.uni6165




```
% zou/tashikani "make sure"
begintsuglyph("uni6165",101);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.4) of oldp);
     replace_strokeq(0)(subpath (0,1.4) of oldq))
    (kanji.grfive.make_up));
  tsu_render;
endtsuglyph;

% gai "rue"
begintsuglyph("uni6168",104);
  kanji.greight.rue;
  tsu_render;
endtsuglyph;
```

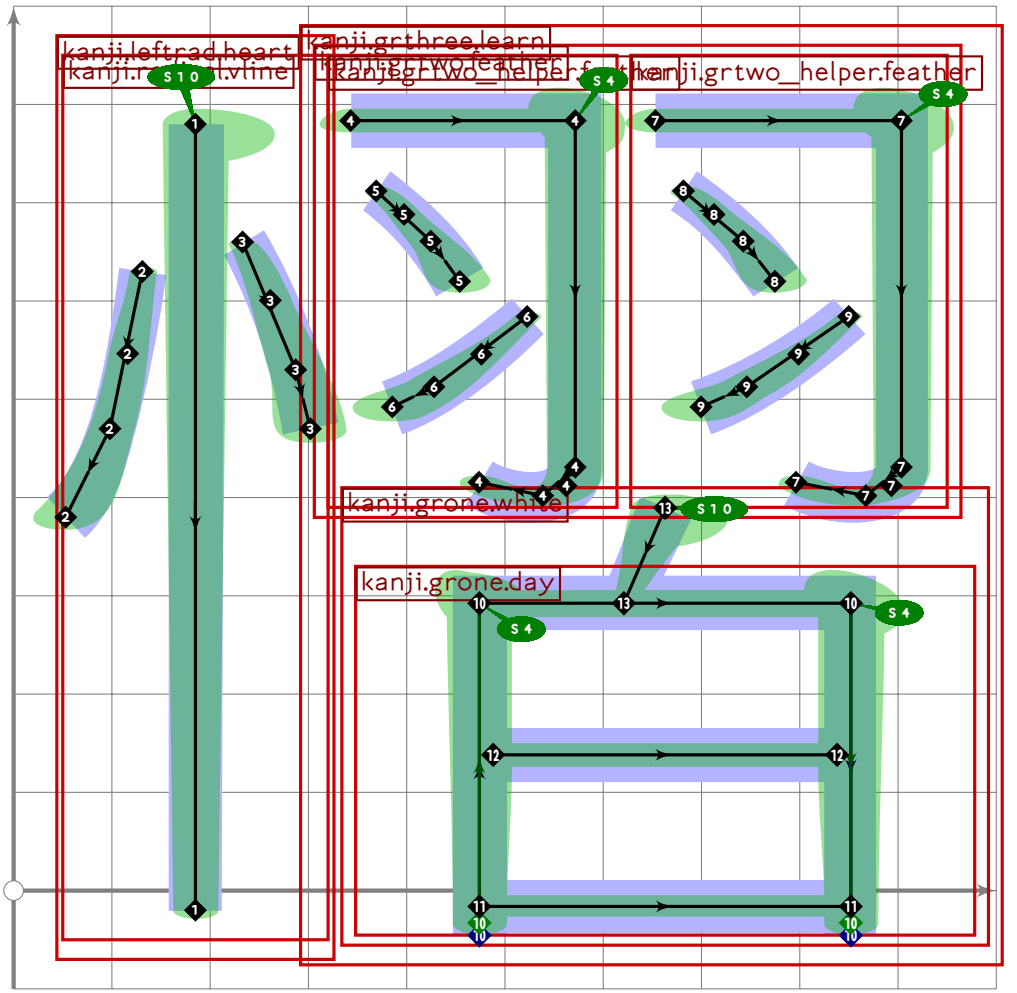
[see page 2504]




```
% extra
begintsuglyph("uni6169",105);
  build_kanji.level(build_kanji.lr(320,30)
    (kanji.leftrad.heart;
     replace_strokep(0)(subpath (0,1.4) of oldp);
     replace_strokeq(0)(subpath (0,1.4) of oldq))
    (kanji.grfour.bring));
  tsu_render;
endtsuglyph;

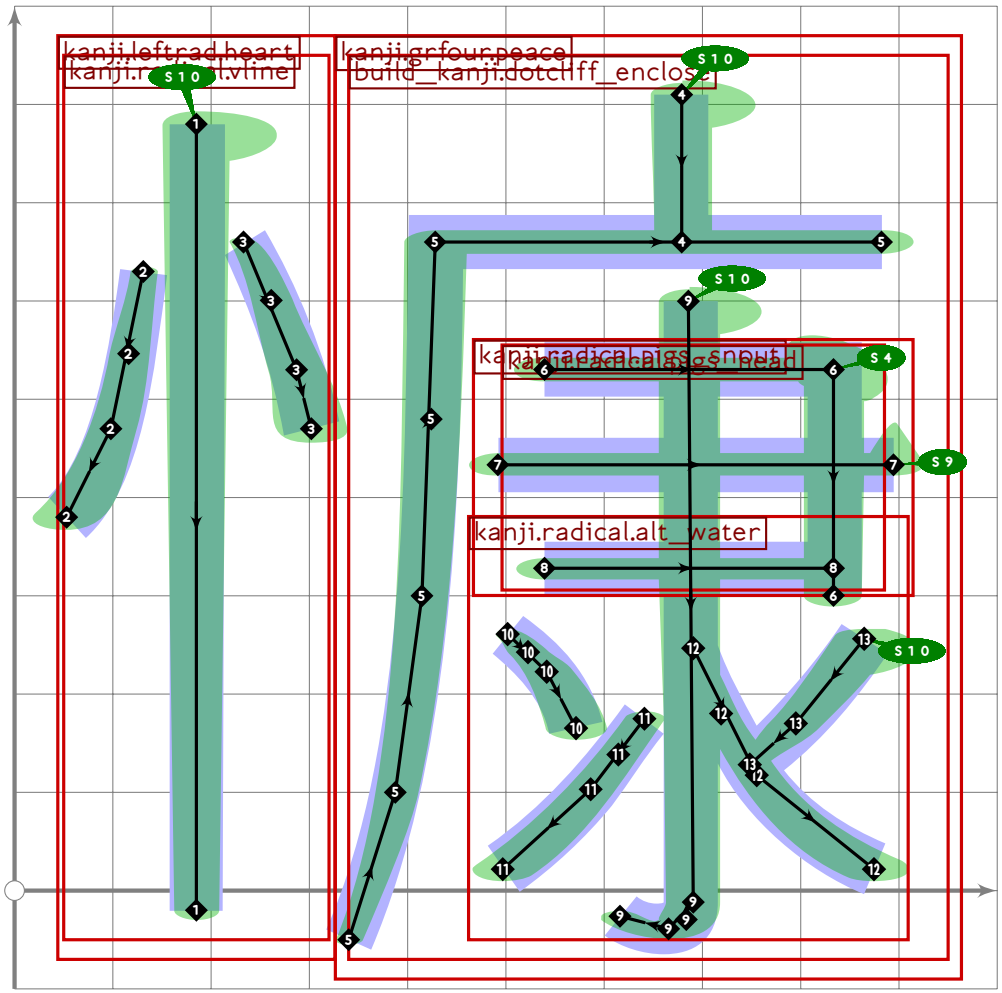
```

U+6174
tsuku.uni6174




```
% shuu/osoreru "cower"
begintsuglyph("uni6174",116);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grthree.learn));
  tsu_render;
endtsuglyph;

```

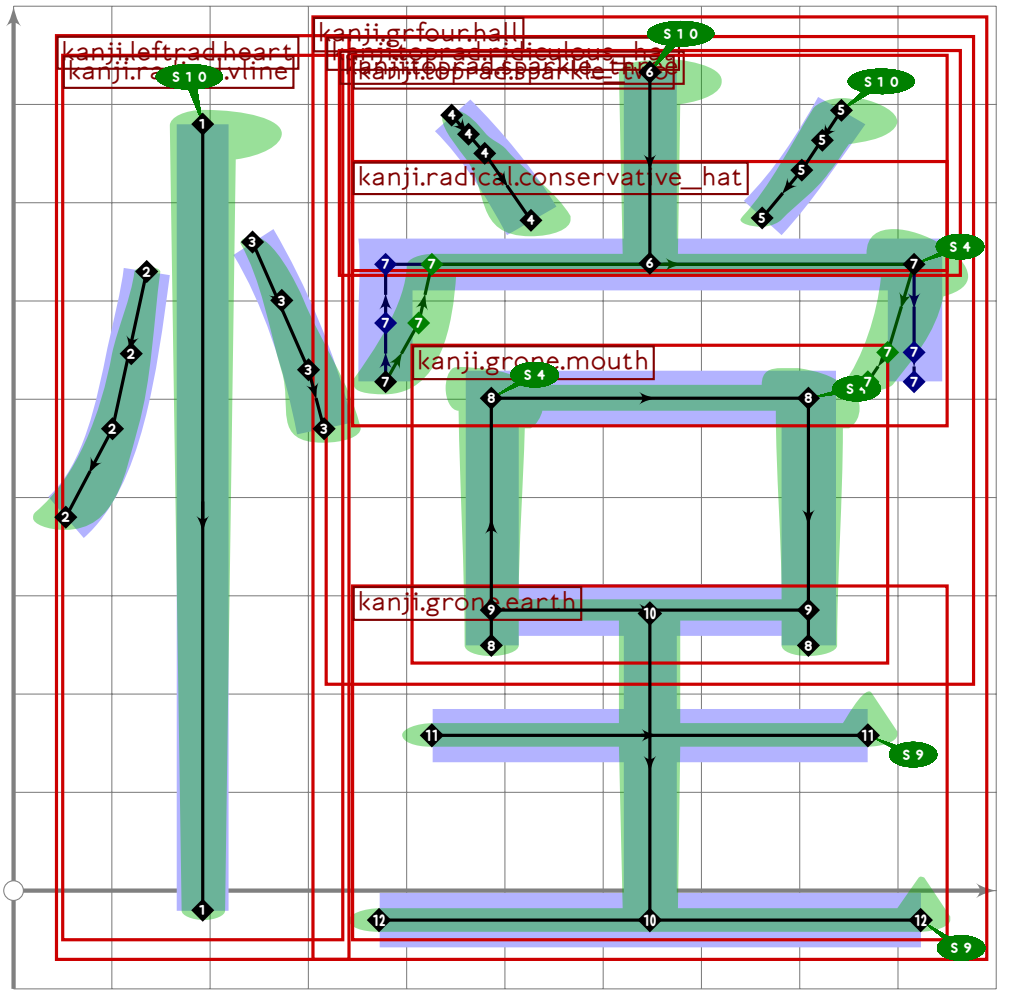



```
% kou/nageku "lamentation"
beginsuglyph("uni6177",119);
  build_kanji.level(build_kanji.lr(330,-20)
    (kanji.leftrad.heart)
    (kanji.grfour.peace));
  tsu_render;
endtsuglyph;

% yuu/ure "melancholy"
beginsuglyph("uni6182",130);
  kanji.greight.melancholy;
  tsu_render;
endtsuglyph;
```

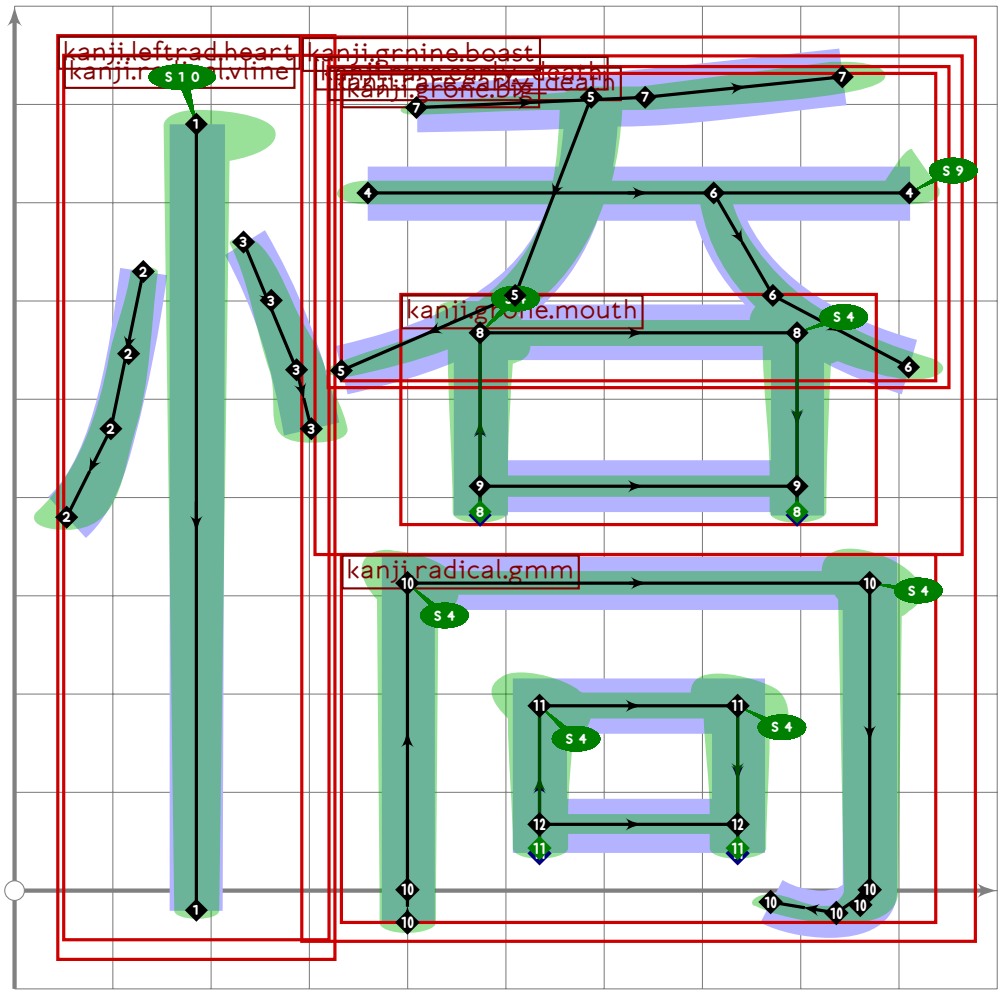
[see page 914]

U+6186
tsuku.uni6186




```
% extra
begintsuglyph("uni6186",134);
  build_kanji.level(build_kanji.lr(340,-10)
    (kanji.leftrad.heart)
    (kanji.grfour.hall));
  tsu_render;
endtsuglyph;

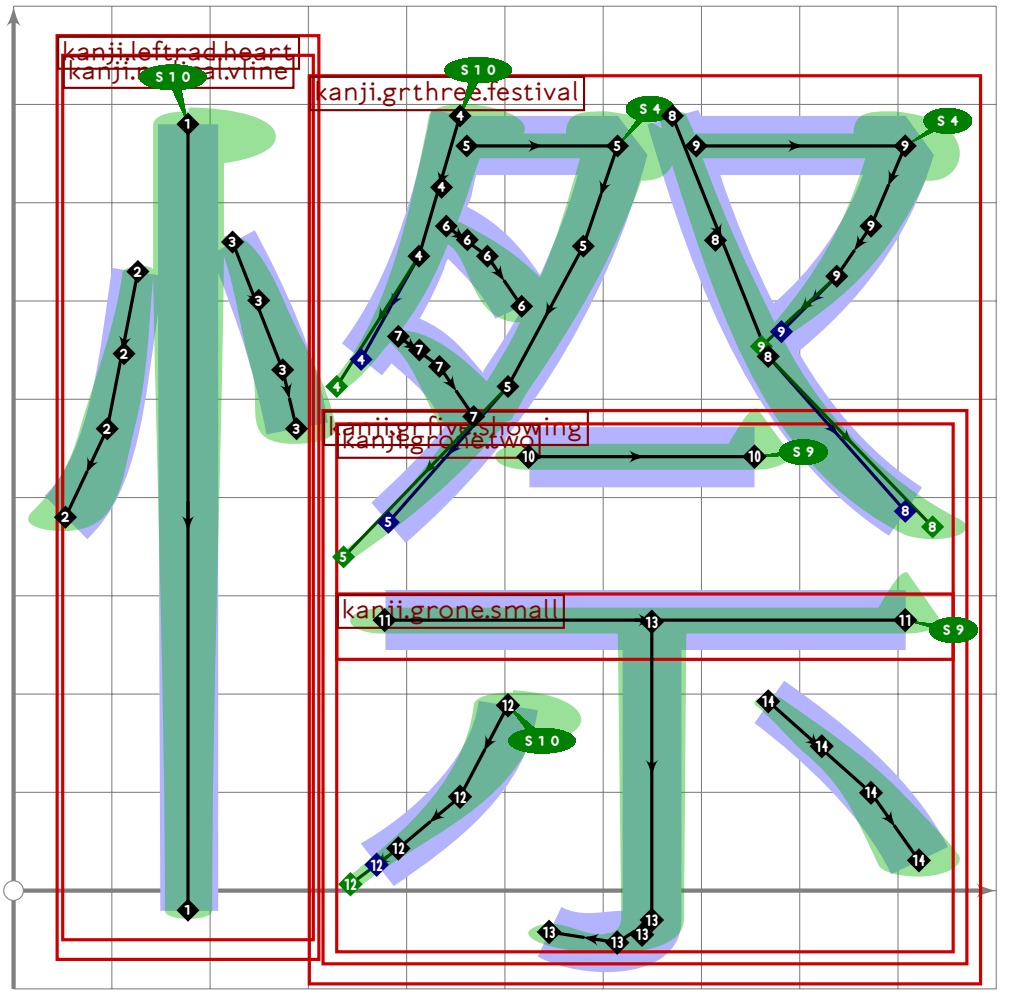
```




```
% kyou/hoshiimama "be haughty"
begintsuglyph("uni618D",141);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 0.96)(kanji.grnine.boast)));
  tsu_render;
endtsuglyph;

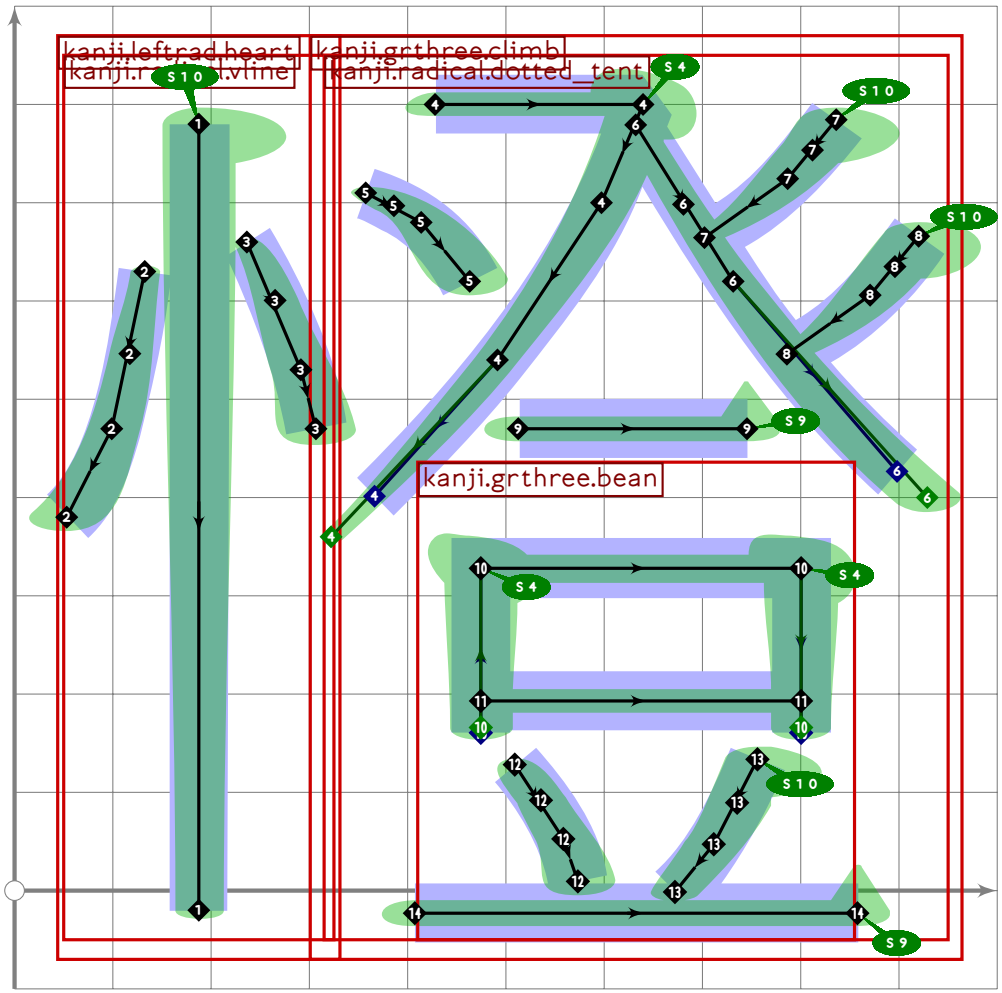
```

U+618F
tsuku.uni618F




```
% extra
begintsuglyph("uni618F",143);
  build_kanji.level(build_kanji.lr(320,-30)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled 1.02 shifted (0,-30))(kanji.grthree.festival)));
  tsu_render;
endtsuglyph;

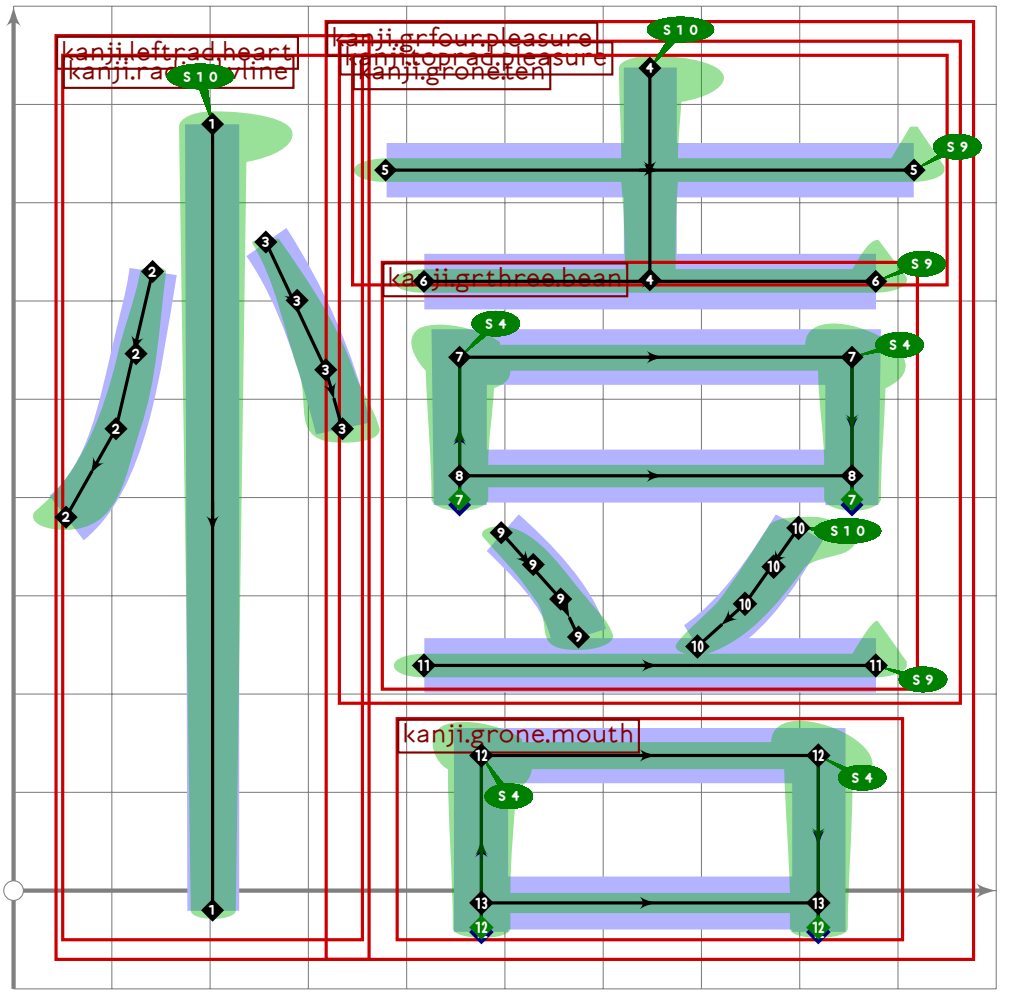
```




```
% extra
begintsuglyph("uni6195",149);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grthree.climb));
  tsu_render;
endtsuglyph;

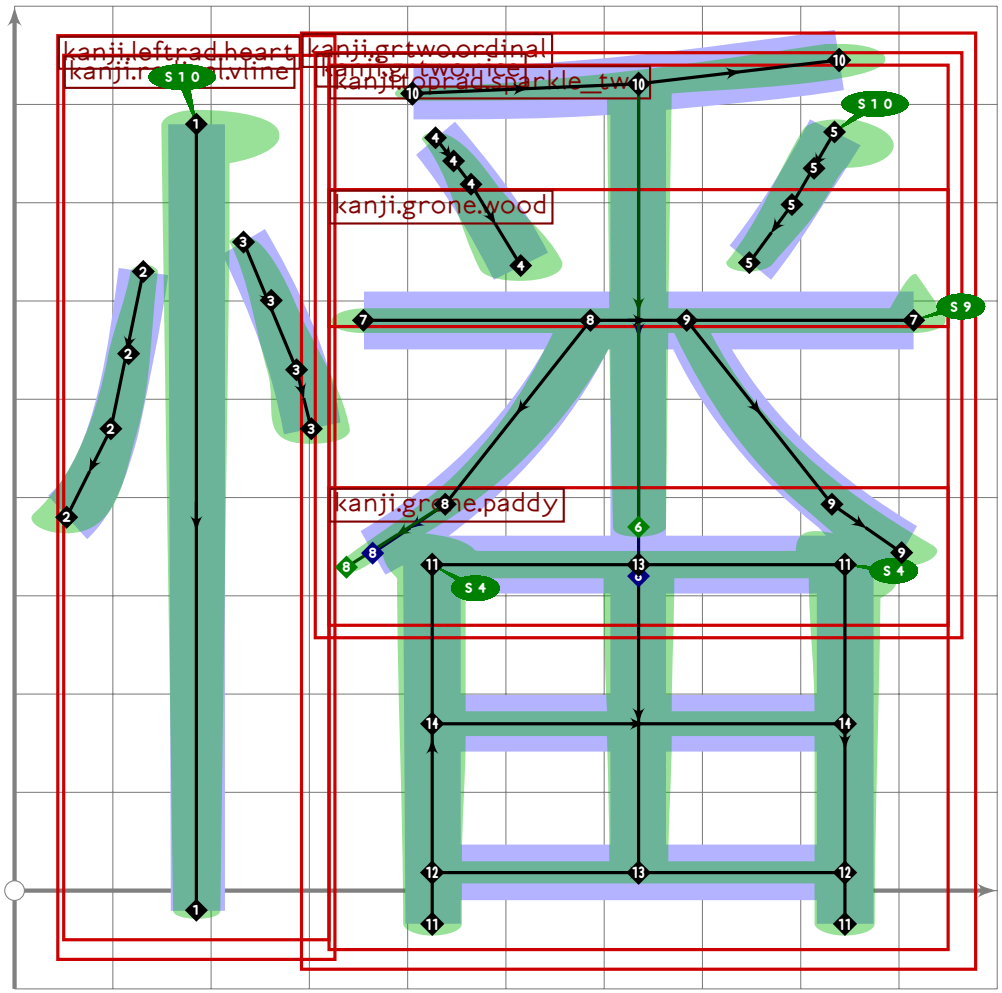
```

U+6198
tsuku.uni6198




```
% ki/yorokobu "joyful thing"
begintsuglyph("uni6198",152);
  build_kanji.level(build_kanji.lr(350,10)
    (kanji.leftrad.heart)
    (kanji.grfour.pleasure));
  tsu_render;
endtsuglyph;

```



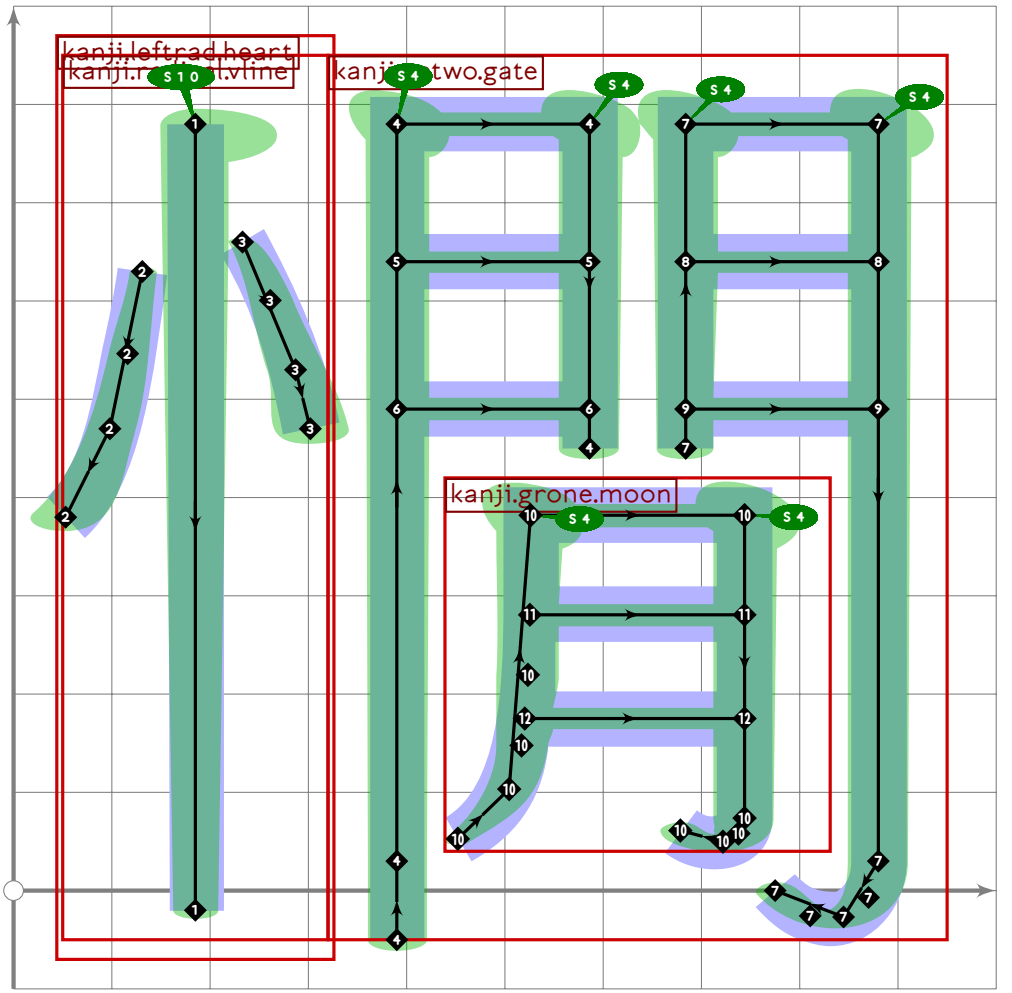

```
% extra
begintsuglyph("uni61A3",163);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(shifted (0,-10))(kanji.grtwo.ordinal)));
  tsu_render;
endtsuglyph;

% fun/ikidoo "indignation"
begintsuglyph("uni61A4",164);                                  [see page 2499]
  kanji.greight.indignation;
  tsu_render;
endtsuglyph;

% shou/akagareru "longing"
begintsuglyph("uni61A7",167);                                  [see page 2500]
  kanji.greight.longing;
  tsu_render;
endtsuglyph;

```

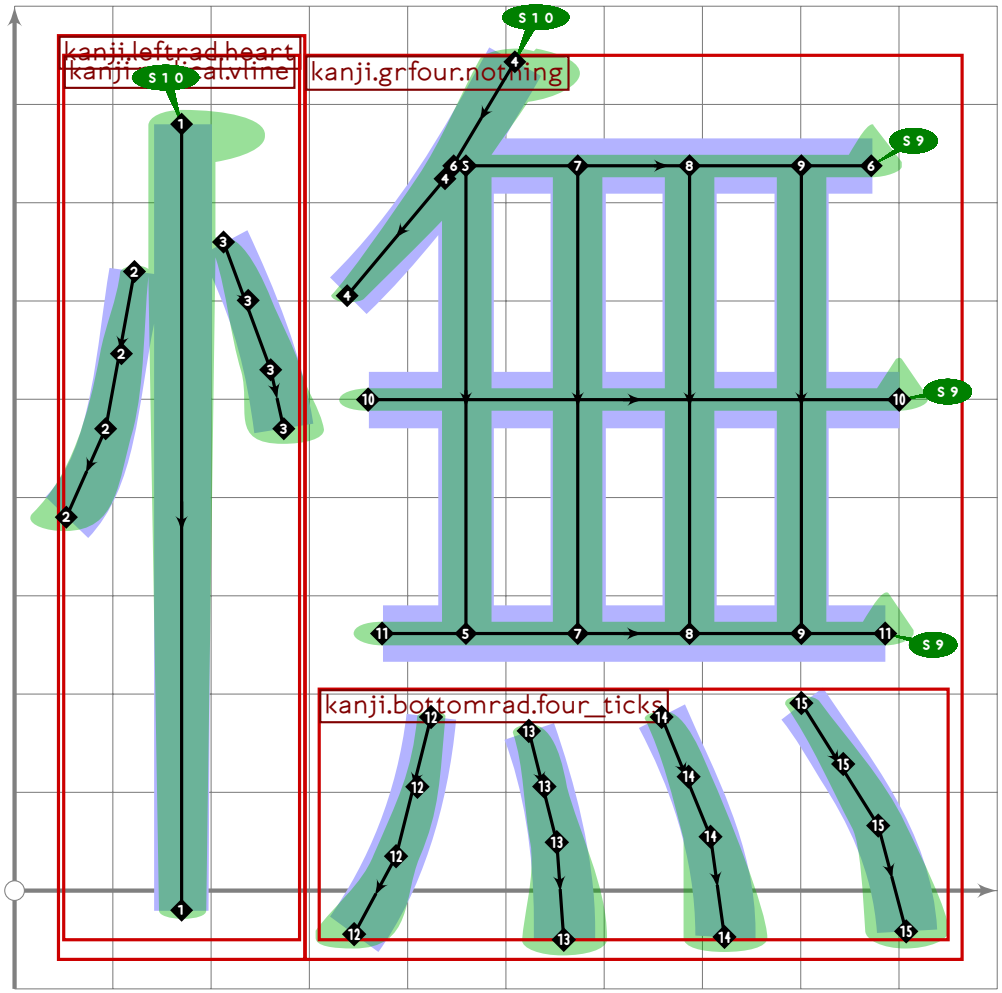
U+61AA
tsuku.uni61AA




```
% kan.tanoshimu "contented"
begintsuglyph("uni61AA",170);
  build_kanji.level(build_kanji.lr(320,0)
    (kanji.leftrad.heart)
    (build_kanji.gate_enclose(kanji.grone.moon)));
  tsu_render;
endtsuglyph;

% kei/akogareru "yearning"
begintsuglyph("uni61AC",172);
  kanji.greight.yearning;
  tsu_render;
endtsuglyph;
```

[see page 2505]

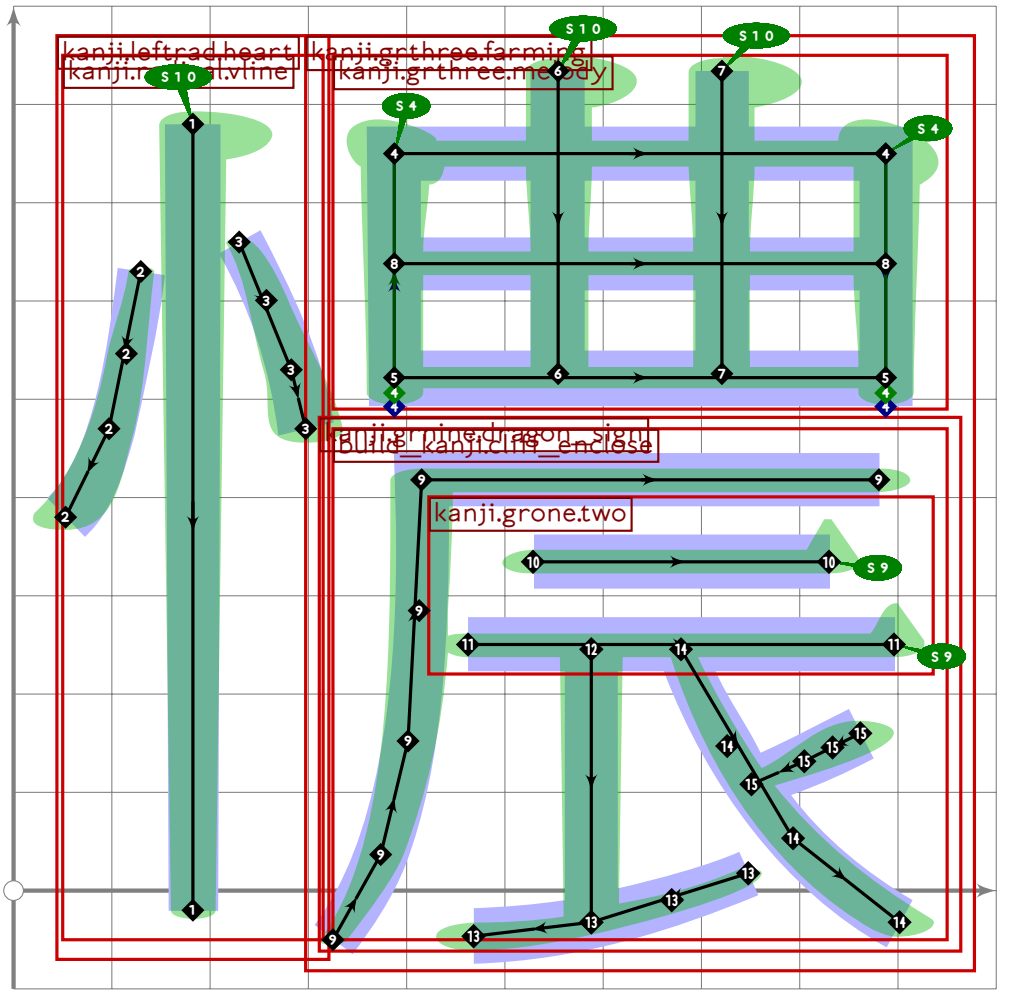



```
% bu/itsukushimu "disappointment"
begintsuglyph("uni61AE",174);
  build_kanji.level(build_kanji.lr(300,-20)
    (kanji.leftrad.heart)
    (kanji.grfour.nothing));
  tsu_render;
endtsuglyph;

% oku "recollection"
begintsuglyph("uni61B6",182);
  kanji.greight.recollection;
  tsu_render;
endtsuglyph;
```

[see page 2502]

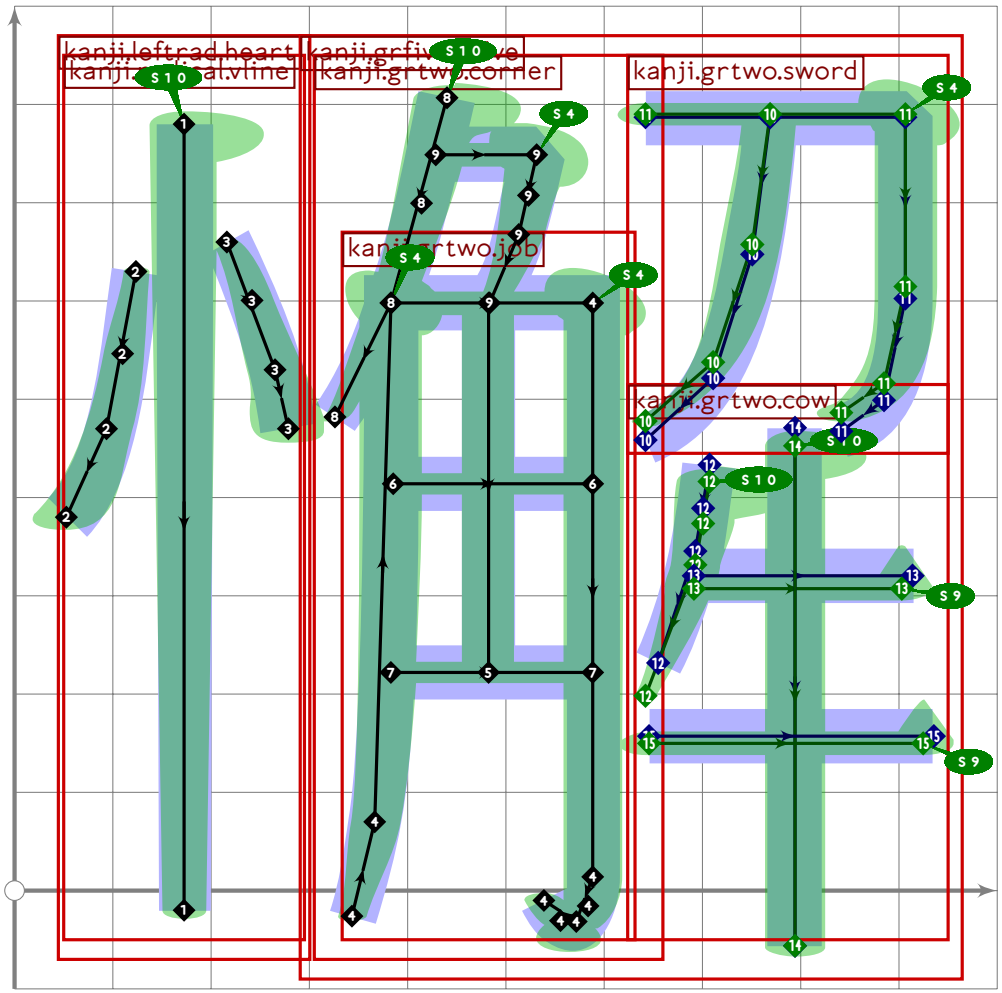
U+61B9
tsuku.uni61B9




```
% dou/kokoromidareru "worried"
begintsuglyph("uni61B9",185);
  build_kanji.level(build_kanji.lr(320,-10)
    (kanji.leftrad.heart)
    (kanji.grthree.farming));
  tsu_render;
endtsuglyph;

% kan/uramu "resentment"
begintsuglyph("uni61BE",190);
  kanji.greight.resentment;
  tsu_render;
endtsuglyph;
```

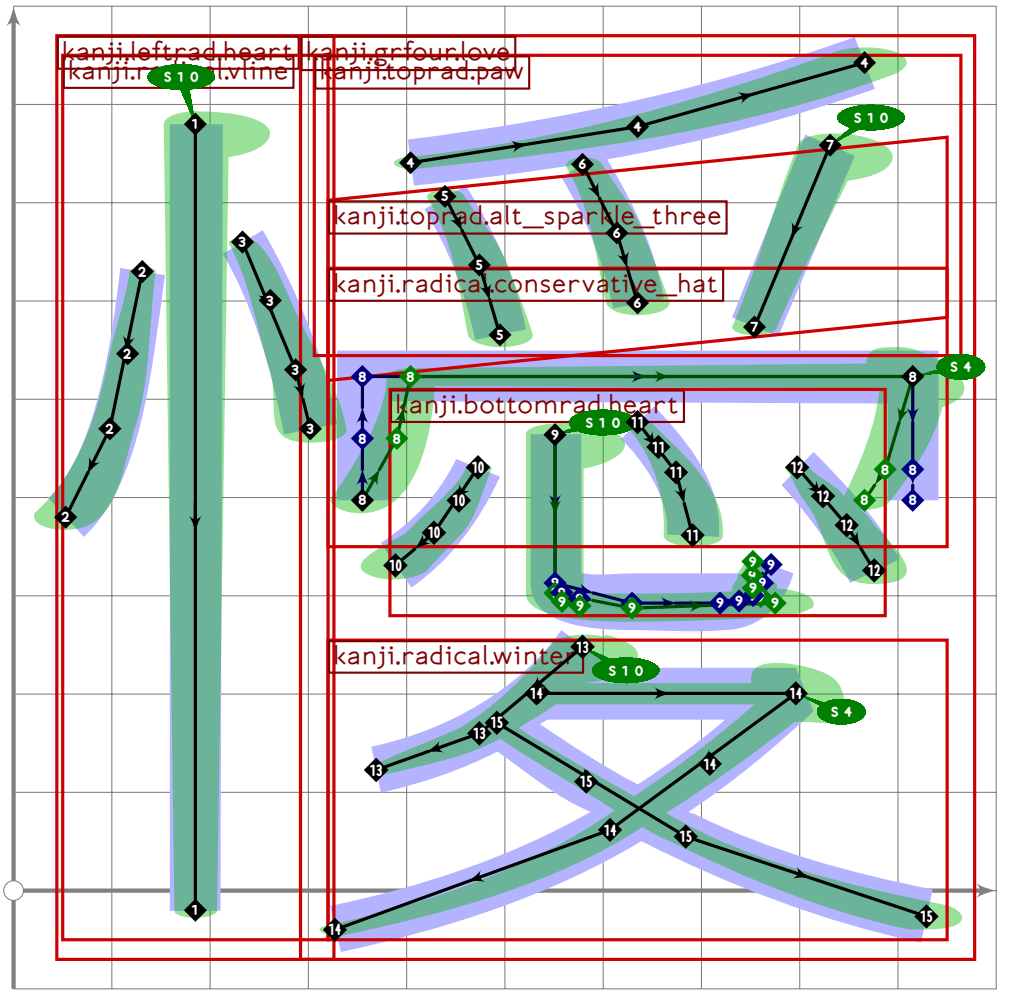
[see page 2503]




```
% ke/tawai "laziness"
begintsuglyph("uni61C8",200);
  build_kanji.level(build_kanji.lr(300,-10)
    (kanji.leftrad.heart)
    (kanji.grfive.solve));
  tsu_render;
endtsuglyph;

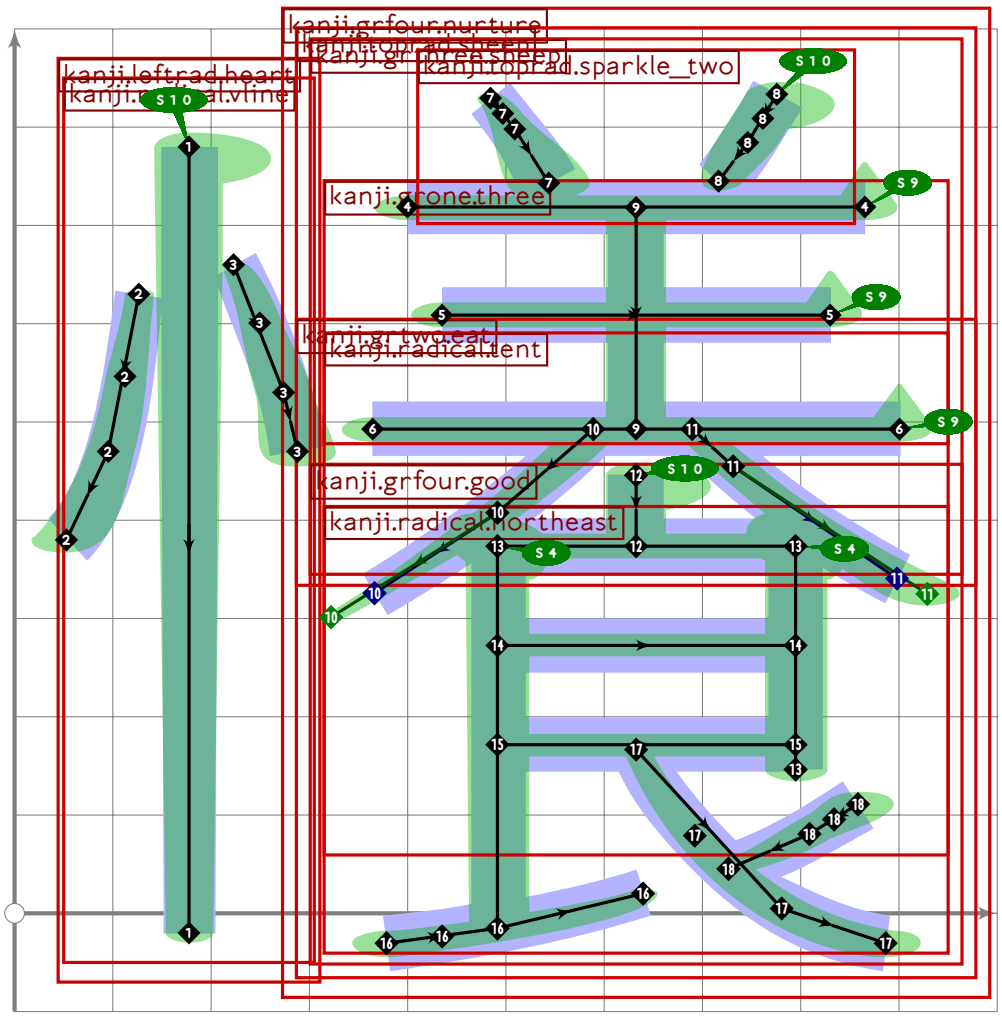
```

U+61D3
tsuku.uni61D3




```
% extra
begintsuglyph("uni61D3",211);
  build__kanji.level(build__kanji.lr(320,0)
    (kanji.leftrad.heart)
    (kanji.grfour.love));
  tsu__render;
endtsuglyph;

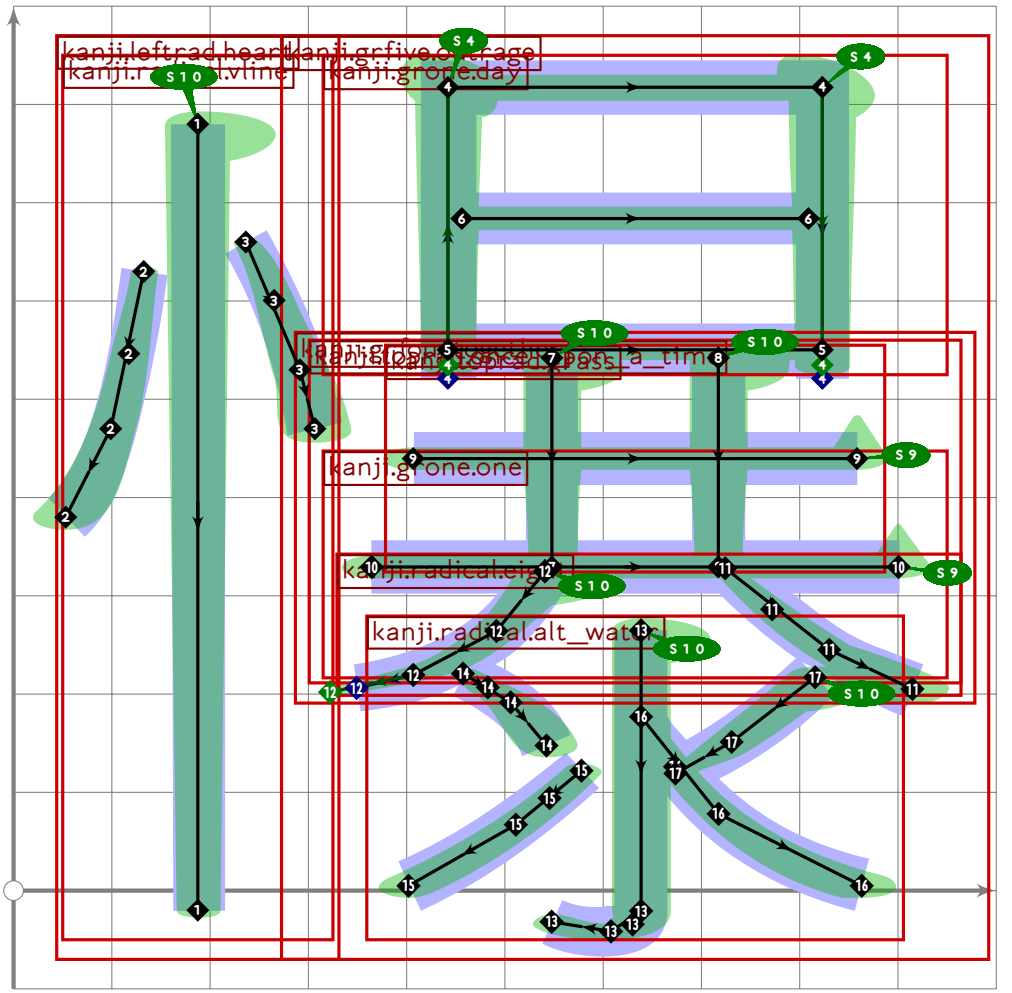
```




```
% you/negau "no meaning given"
begintsuglyph("uni61E9",233);
  build_kanji.level(build_kanji.lr(310,-10)
    (kanji.leftrad.heart)
    (kanji.grfour.nurture));
  tsu_render;
endtsuglyph;

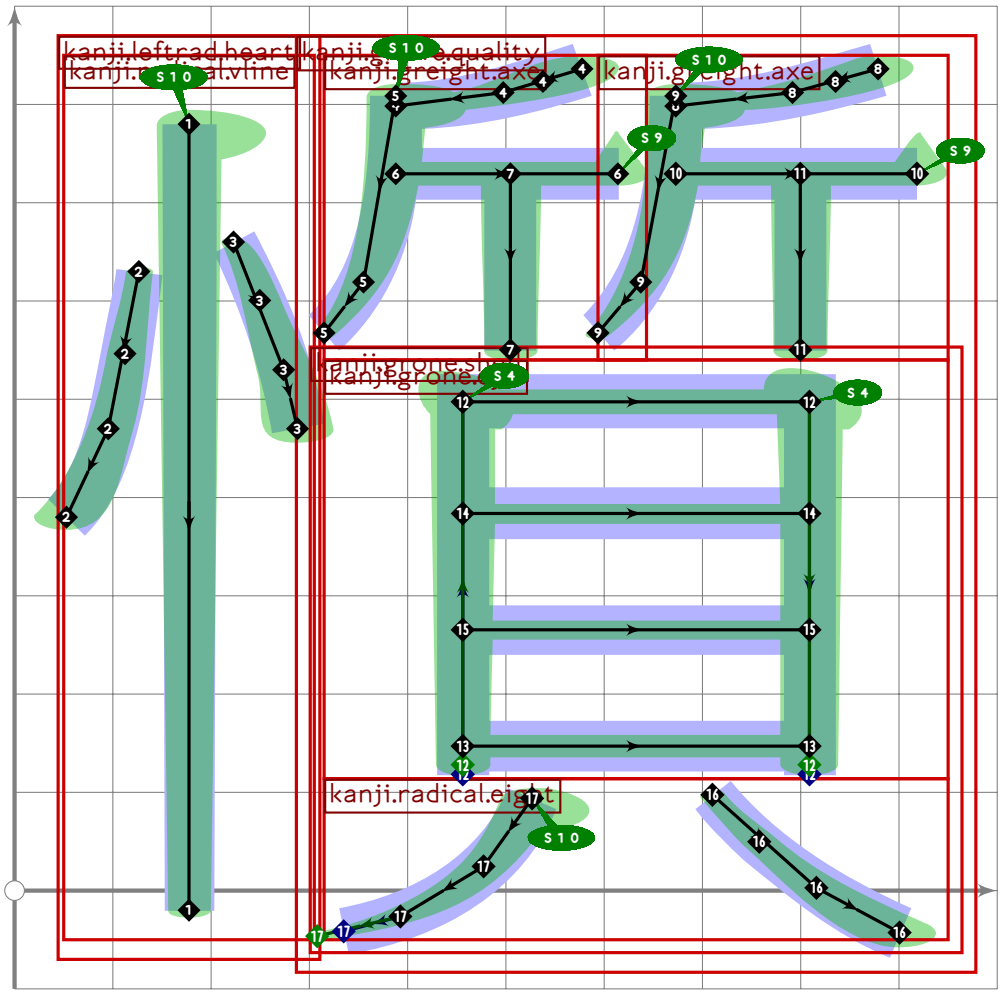
```

U+61EA
tsuku.uni61EA




```
% extra
begintsuglyph("uni61EA",234);
  build_kanji.level(build_kanji.lr(320,10)
    (kanji.leftrad.heart)
    (kanji.grfive.outrage));
  tsu_render;
endtsuglyph;

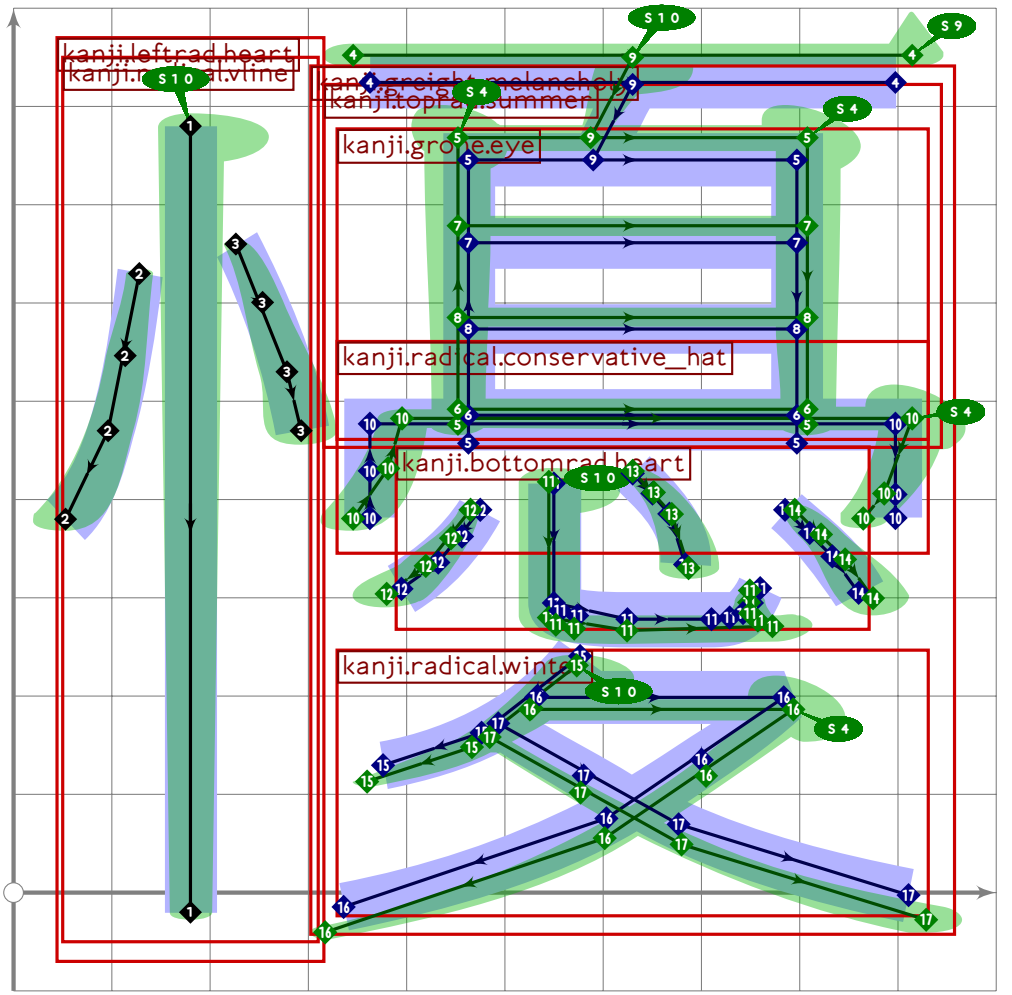
```




```
% extra
begintsuglyph("uni61EB",235);
  build_kanji.level(build_kanji.lr(310,-10)
    (kanji.leftrad.heart)
    (kanji.grfive.quality));
  tsu_render;
endtsuglyph;

```

U+61EE
tsuku.uni61EE




```
% extra
begintsuglyph("uni61EE",238);
  build_kanji.level(build_kanji.lr(310,0)
    (kanji.leftrad.heart)
    (build_kanji.sscale(scaled (0.94+0.06*mincho))
        (kanji.greight.melancholy)));
  tsu_render;
endtsuglyph;

---

endfont;

---
```

tsuku-62.mp

```
%
% Unicode page 62 (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

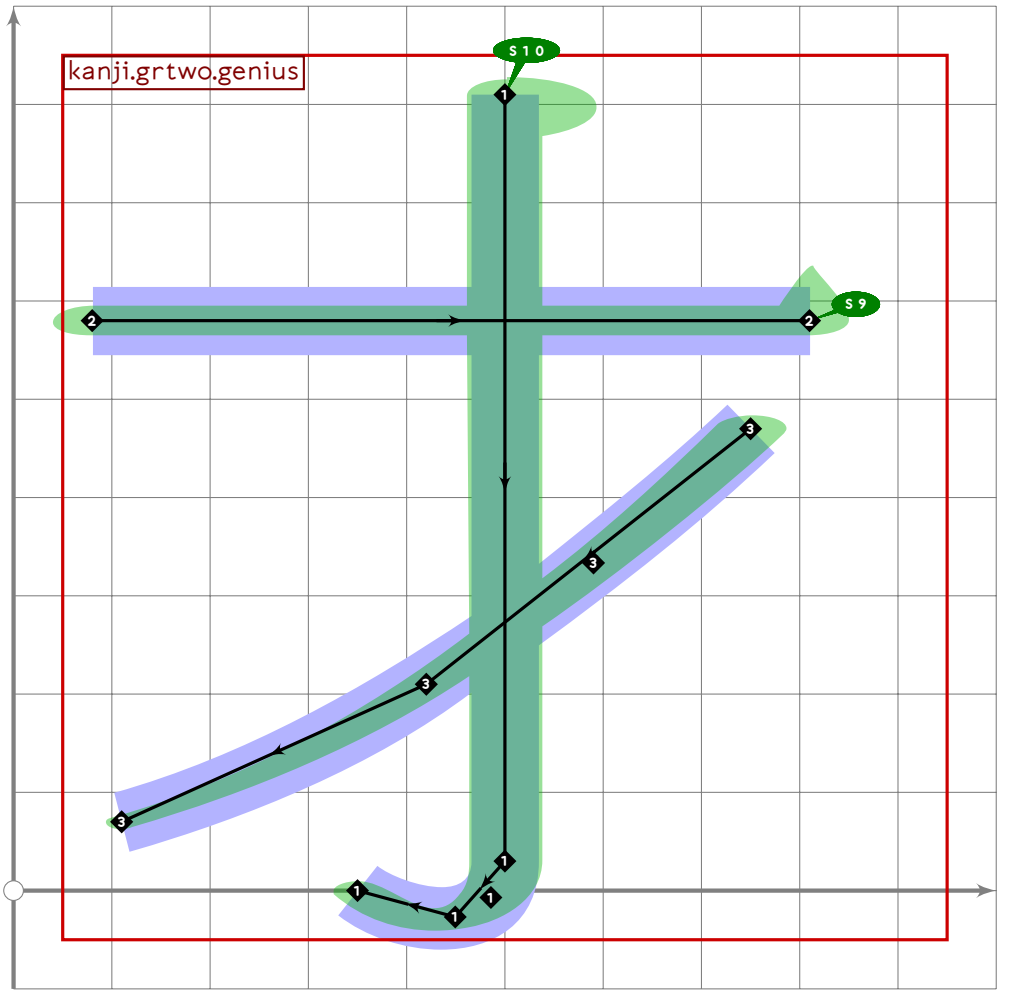
---

beginfont

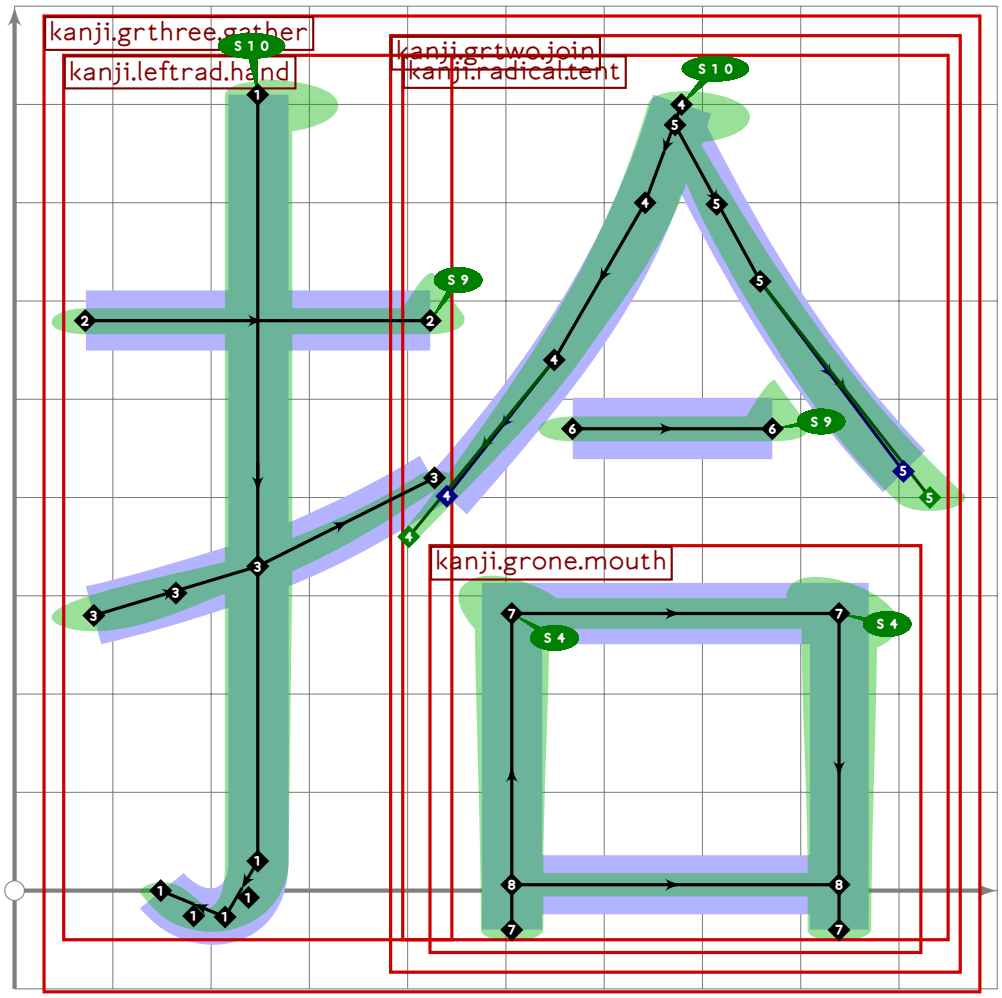
% AUTODEPS
input bkencl.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input toprad.mp;

do_late_includes;

---
```

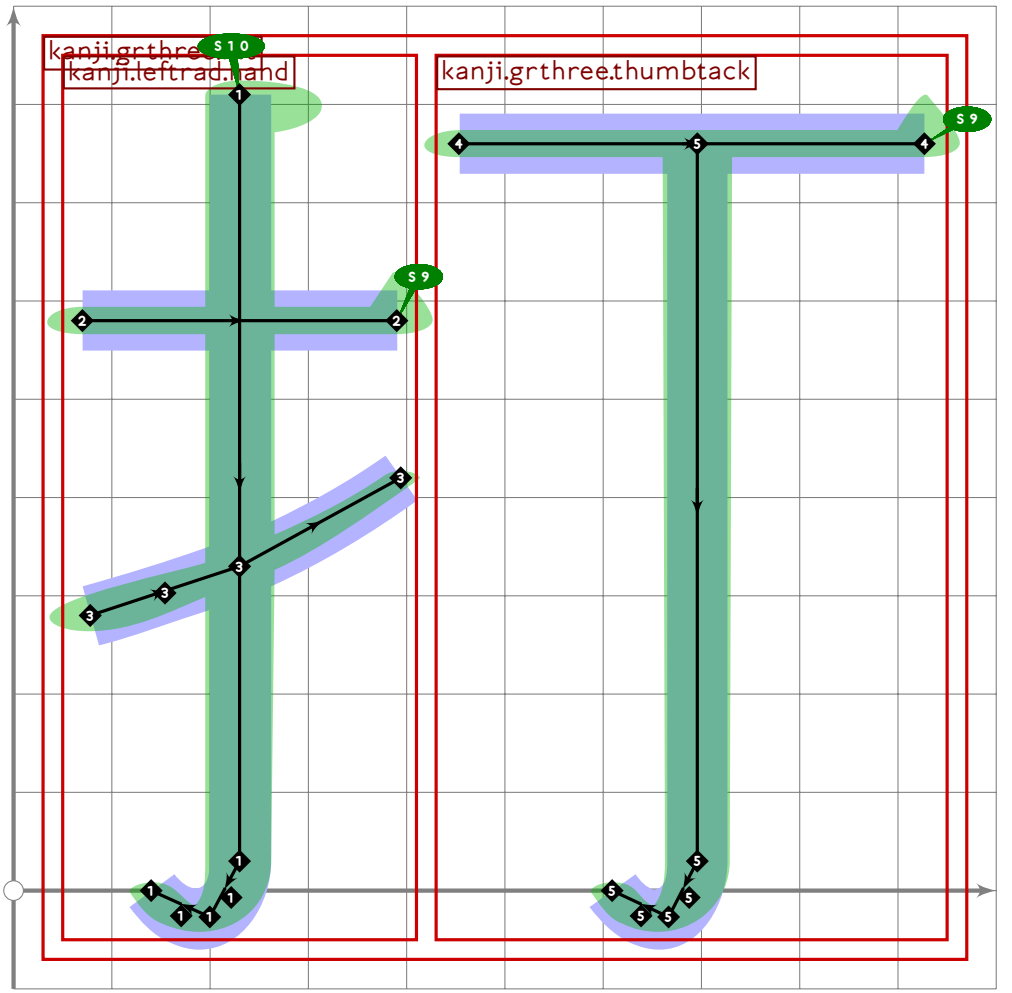



```
54
55 vardef kanji.grtwo.genius =
56   push_pbox_toexpand("kanji.grtwo.genius");
57   push_stroke((500,810),(1.6,1.6));
58   build_kanji.add_jtail(0);
59   set_boserif(0,0,10);
60   push_stroke((80,580)–(810,580),(1.6,1.6)–(1.6,1.6));
61   set_boserif(0,1,9);
62   push_stroke((750,470)..tension 1.2..(420,210)..(110,70),
63     (1.5,1.5)–(1.2,1.2)–(1,1));
64   expand_pbox;
65 enddef;
66
67
```

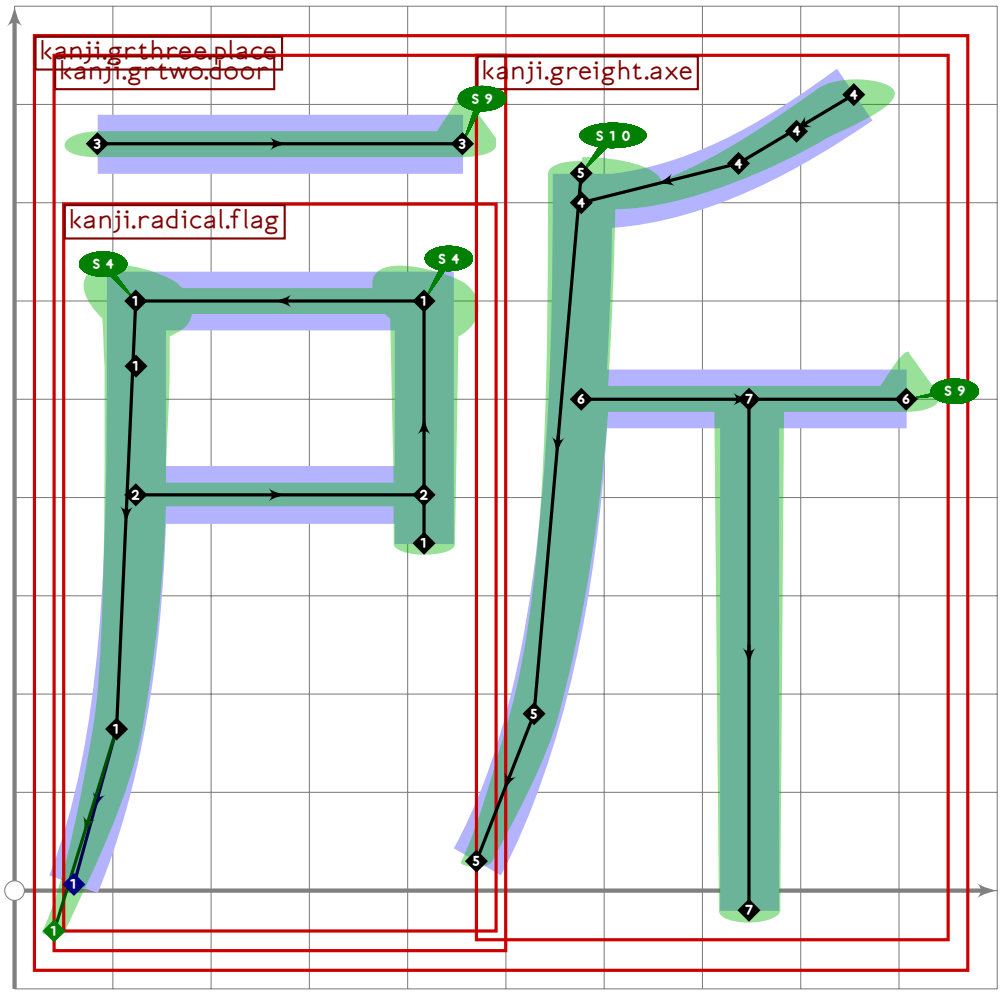



```
68
69 vardef  kanji.grthree.gather =
70   push_pbox_toexpand("kanji.grthree.gather");
71   build_kanji.level(build_kanji.lr(420,50)
72     (kanji.leftrad.hand)
73     (kanji.grtwo.join));
74   expand_pbox;
75 enddef;
```

U+6253
tsuku.uni6253

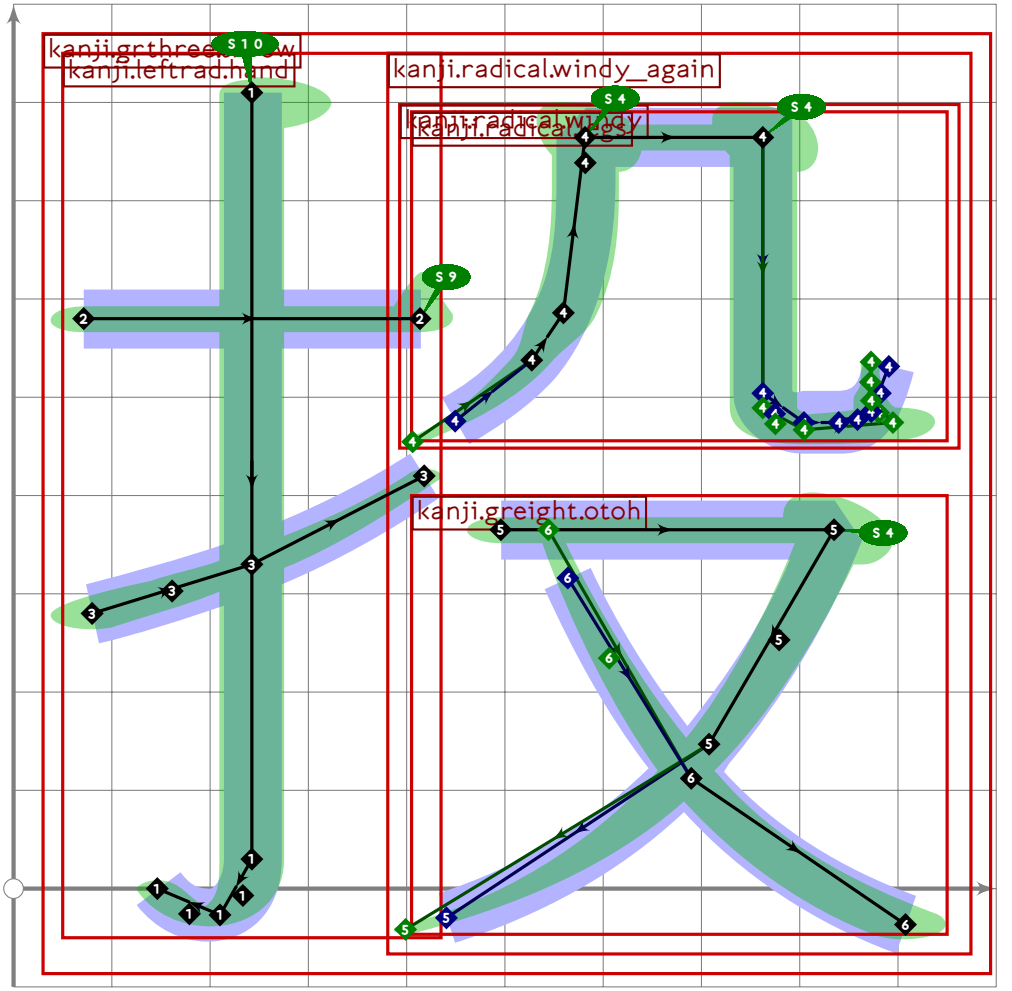



```
76
77 vardef  kanji.grthree.hit  =
78   push_pbox_toexpand("kanji.grthree.hit");
79   build_kanji.level(build_kanji.lr(420,-20)
80     (kanji.leftrad.hand)
81     (kanji.grthree.thumbtack));
82   expand_pbox;
83 enddef;
```

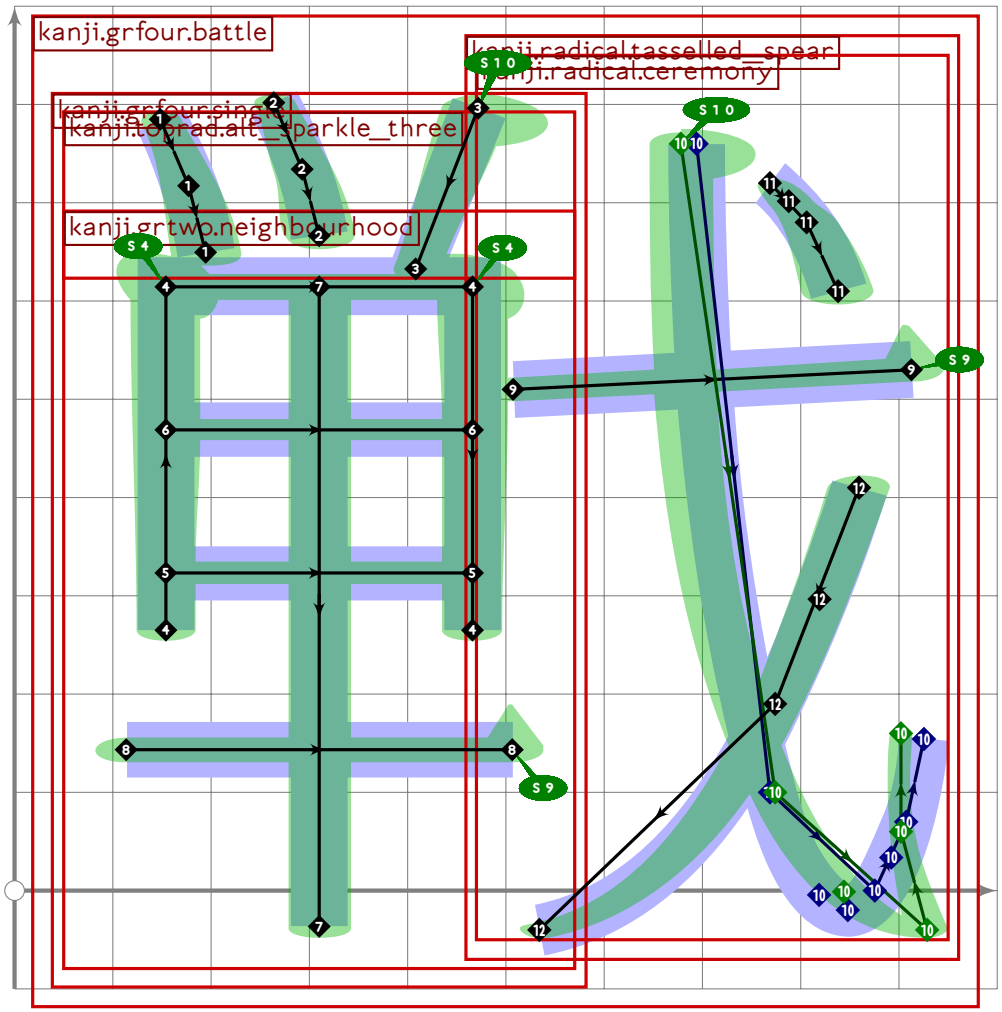



```
84
85 vardef  kanji.grthree.place  =
86   push_pbox_toexpand("kanji.grthree.place");
87   build_kanji.level(build_kanji.lr(480,20)
88     (kanji.grtwo.door)
89     (kanji.greight.axe));
90   expand_pbox;
91 enddef;
```

U+6295
tsuku.uni6295

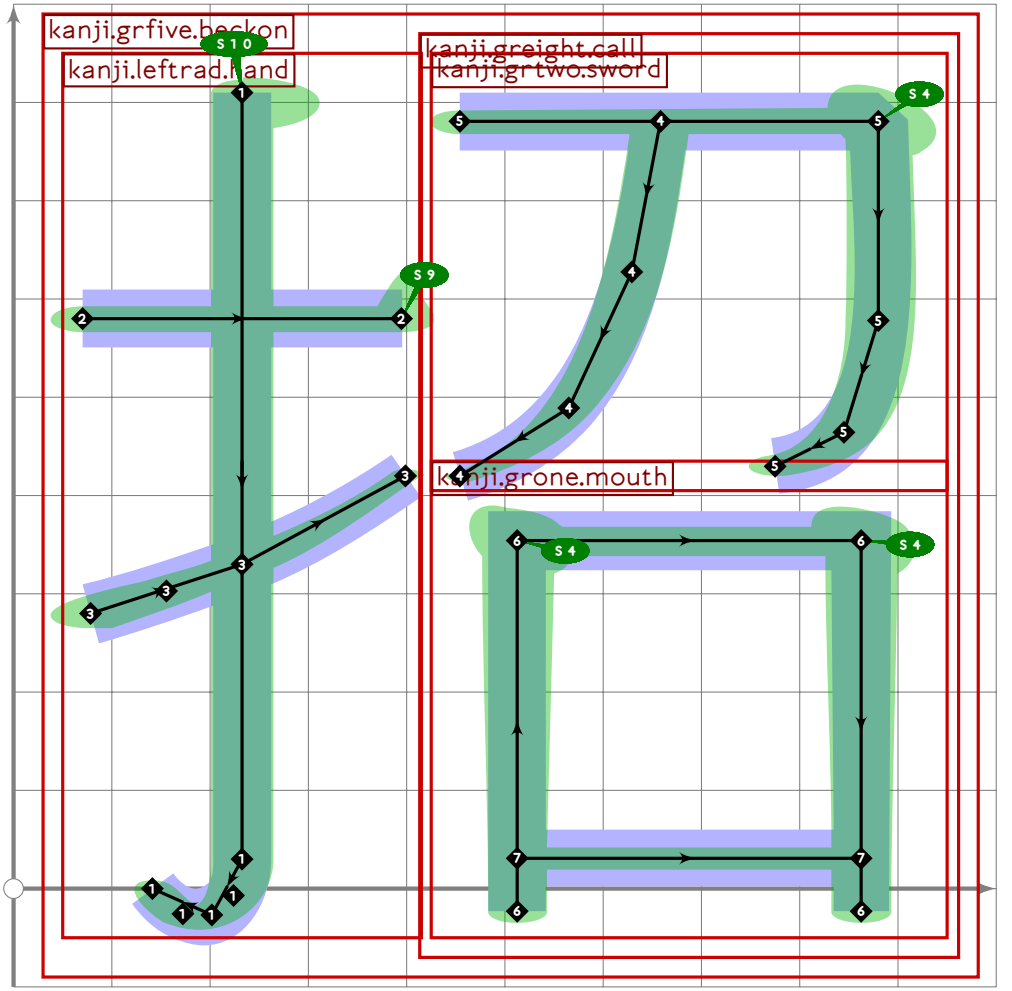



```
92
93 vardef  kanji.grthree.throw  =
94   push_pbox_toexpand("kanji.grthree.throw");
95   build_kanji.level(build_kanji.lr(420,30)
96     (kanji.leftrad.hand)
97     (kanji.radical.windy_again));
98   expand_pbox;
99 enddef;
100
101 ---------------------------------------------------------------------------
```

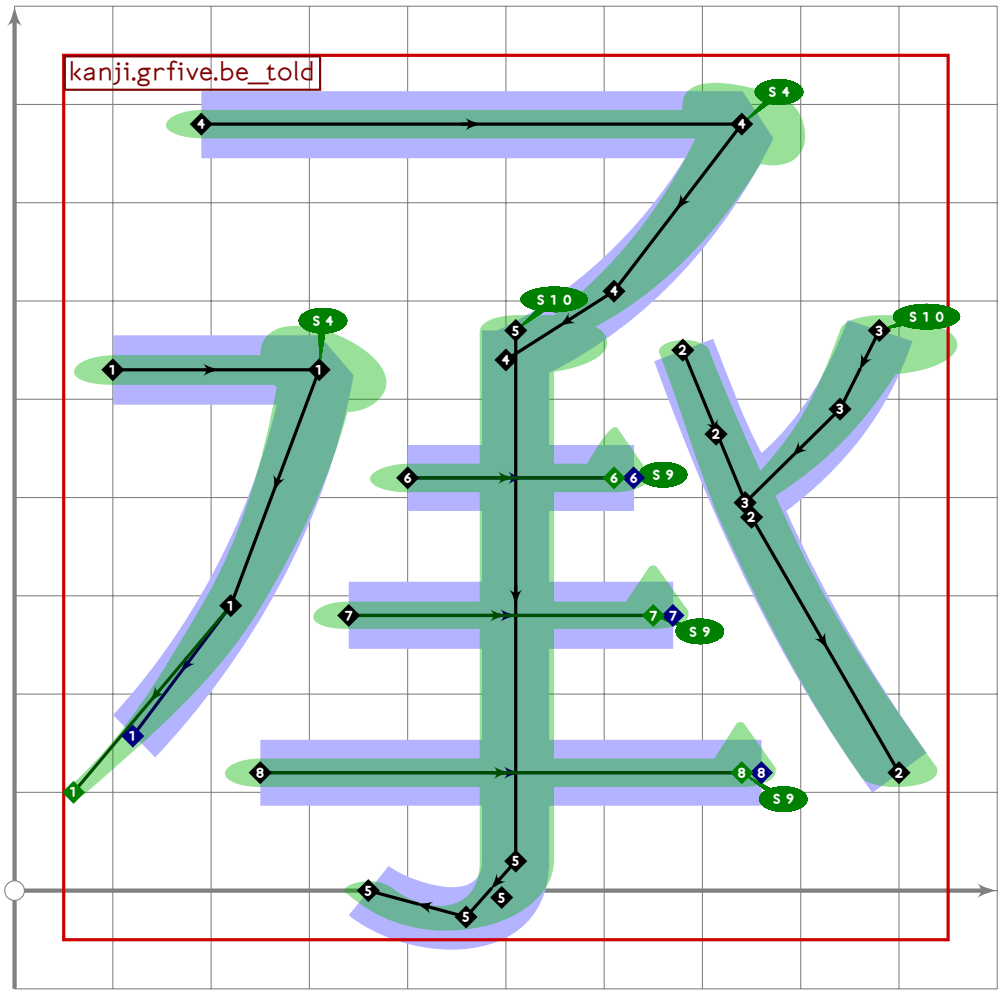



```
102
103 vardef  kanji.grfour.battle  =
104   push_pbox_toexpand("kanji.grfour.battle");
105   build_kanji.level(build_kanji.lr(520,100)
106     (build_kanji.sscale(yscaled  0.94  shifted  (0,-30))(kanji.grfour.single))
107     (kanji.radical.tasselled_spear));
108   expand_pbox;
109 enddef;
110
111 ---------------------------------------------------------------------------
```

U+62DB
tsuku.uni62DB

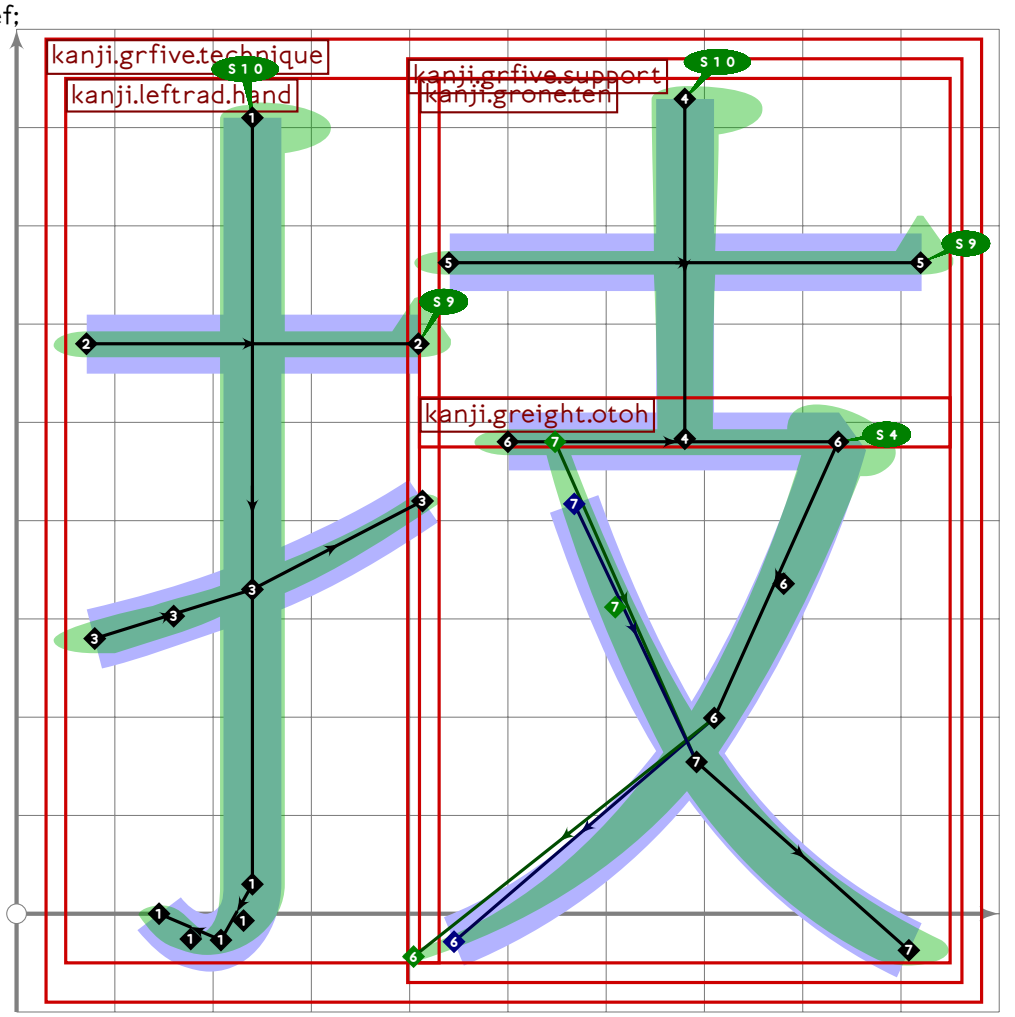



```
112
113 vardef  kanji.grfive.beckon  =
114   push_pbox_toexpand("kanji.grfive.beckon");
115   build_kanji.level(build_kanji.lr(420,-10)
116     (kanji.leftrad.hand)
117     (kanji.greight.call));
118   expand_pbox;
119 enddef;
120
121 % (106,534) (386,530) (48,98)
```

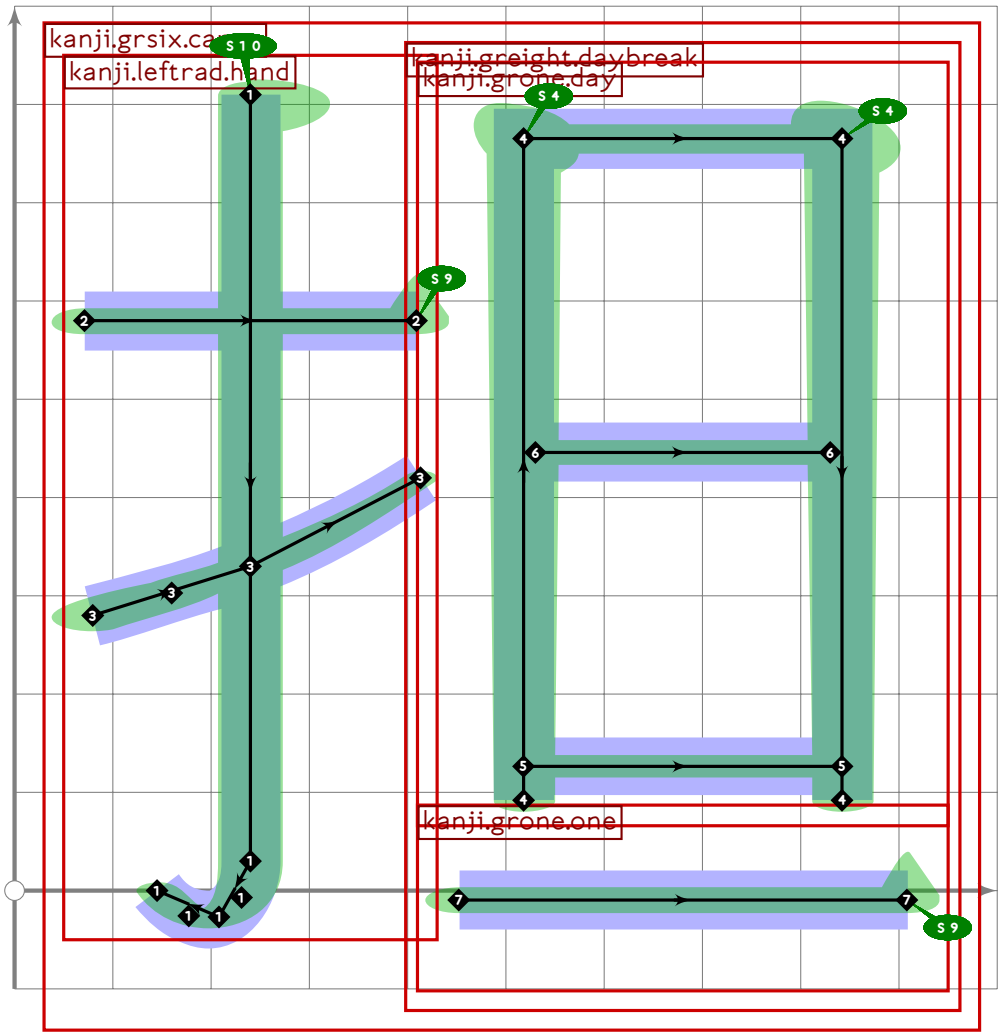



```
122
123 vardef kanji.grfive.be_told =
124   push_pbox_toexpand("kanji.grfive.be_told");
125   push_stroke((100,530)−(310,530)..(220,290)..(60,100),
126     (1.6,1.6)−(1.6,1.6)−(1.3,1.3)−(0.85,0.85));
127   set_boserif(0,1,4);
128   set_botip(0,1,0);
129   push_stroke(
130     (680,550)..tension 1.2..(750,380)..(900,120),
131     (1.2,1.2)−(1.4,1.4)−(1.6,1.6));
132   push_stroke((880,570)..(840,490)..(point 0.9 of get_strokep(0)),
133     (1.6,1.6)−(1.4,1.4)−(1,1));
134   set_boserif(0,0,10);
135   push_stroke((190,780)−(740,780)..(610,610)..(500,540),
136     (1.5,1.5)−(1.6,1.6)−(1.4,1.4)−(1,1));
137   set_boserif(0,1,4);
138   set_botip(0,1,0);
139   push_stroke((510,570),(1.6,1.6));
140   build_kanji.add_jtail(0);
141   set_boserif(0,0,10);
142   push_stroke((400,420)−(630-20*mincho,420),(1.5,1.5)−(1.5,1.5));
```

```
143   set_boserif(0,1,9);
144   push_stroke((340,280)–(670-20*mincho,280),(1.5,1.5)–(1.5,1.5));
145   set_boserif(0,1,9);
146   push_stroke((250,120)–(760-20*mincho,120),(1.5,1.5)–(1.5,1.5));
147   set_boserif(0,1,9);
148   expand_pbox;
149 enddef;
```

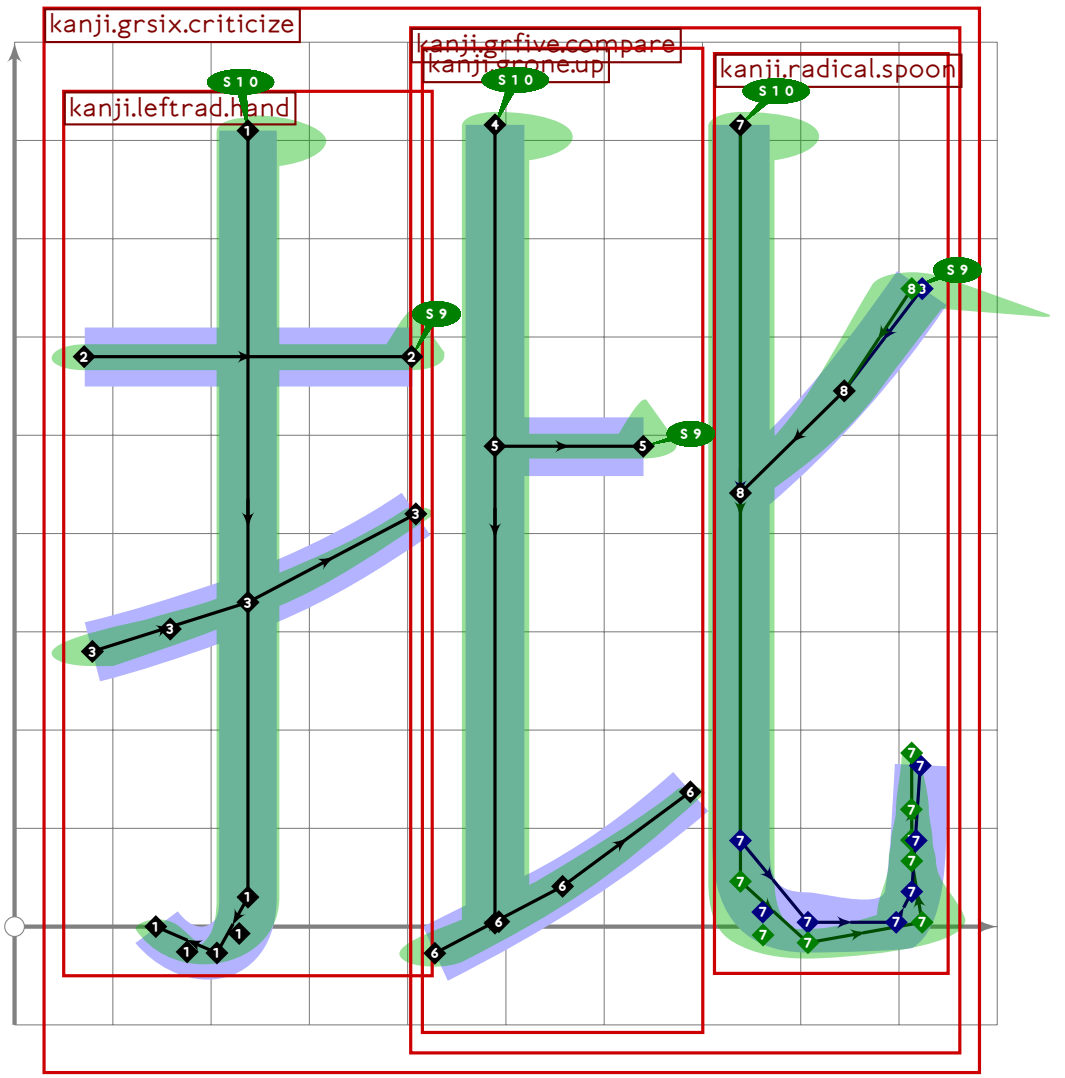



```
150
151 vardef  kanji.grfive.technique  =
152   push_pbox_toexpand("kanji.grfive.technique");
153   build_kanji.level(build_kanji.lr(420,20)
154     (kanji.leftrad.hand)
155     (kanji.grfive.support));
156   expand_pbox;
157 enddef;
158
159 ——————————————————————————————————————————————————————————————————————
```

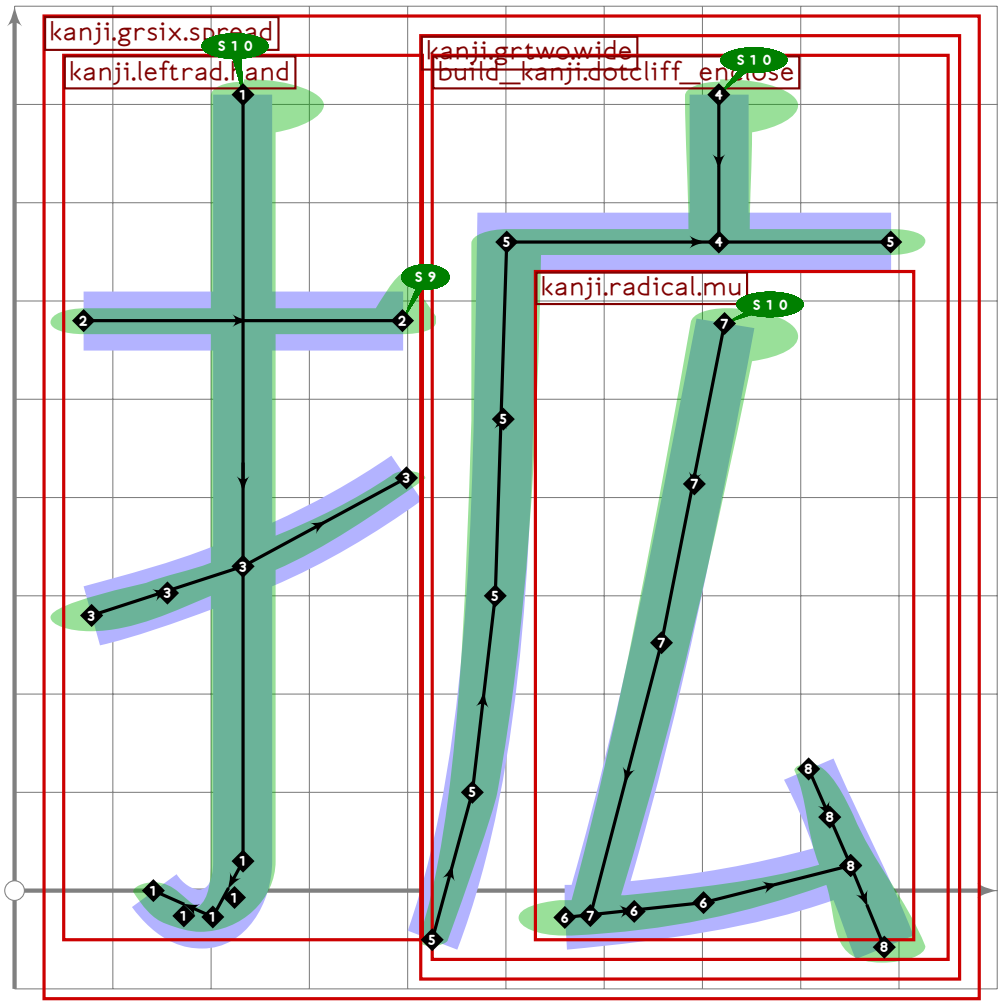



```
160
161 vardef kanji.grsix.carry =
162   push_pbox_toexpand("kanji.grsix.carry");
163   build_kanji.level(build_kanji.lr(420,20)
164     (kanji.leftrad.hand)
165     (kanji.greight.daybreak));
166   expand_pbox;
167 enddef;
```

U+6279
tsuku.uni6279



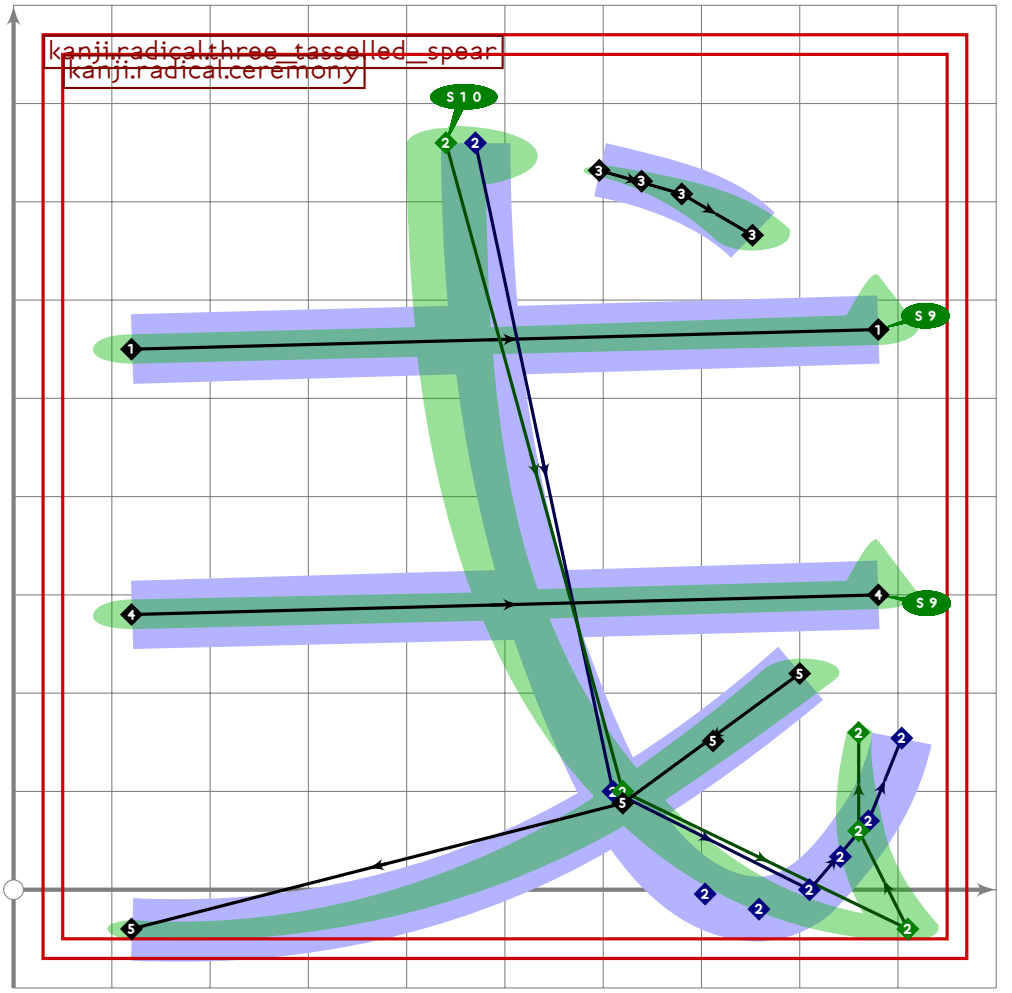

```
168
169 vardef kanji.grsix.criticize =
170   push_pbox_toexpand("kanji.grsix.criticize");
171   build_kanji.level(build_kanji.lr(420,10)
172     (kanji.leftrad.hand)
173     (build_kanji.sscale(yscaled 1.04 shifted (0,20))
174         (kanji.grfive.compare)));
175   expand_pbox;
176 enddef;
```




```
177
178 vardef kanji.grsix.spread =
179   push_pbox_toexpand("kanji.grsix.spread");
180   build_kanji.level(build_kanji.lr(420,-10)
181     (kanji.leftrad.hand)
182     (kanji.grtwo.wide));
183   expand_pbox;
184 enddef;
185
186 ---------------------------------------------------------------------
187
188 % ka/hoko "tasselled spear radical"
189 begintsuglyph("uni6208",8);                                [see page 855]
190   kanji.radical.tasselled_spear;
191   tsu_render;
192 endtsuglyph;
193
194 % bo/tsuchinoe "fifth class or calendar sign"
195 begintsuglyph("uni620A",10);                               [see page 956]
196   kanji.grnine.fifth;
197   tsu_render;
```

```
endtsuglyph;

```




```
% Chinese-only character, and they draw it with two crossbars, but
% it's always three when it occurs as part of a Japanese character
begintsuglyph("uni620B",11);
  kanji.radical.three_tasselled_spear;
  obstacktype[find_whatever(otstroke,-2)]:=otnull;
  tsu_render;
endtsuglyph;

% sei/na (as in "naru") "become"
begintsuglyph("uni6210",16);                                    [see page 675]
  kanji.grfour.become;
  tsu_render;
endtsuglyph;

% ga/ware "ego" or "atman" (Buddhist technical term)
begintsuglyph("uni6211",17);                                    [see page 792]
  kanji.grsix.ego;
  tsu_render;
endtsuglyph;
```

```
% kai/imashi "precept"
begintsuglyph("uni6212",18);                                    [see page 919]
  kanji.greight.precept;
  tsu_render;
endtsuglyph;

% shoku "sword", "potter's clay", or "to gather"
begintsuglyph("uni6220",32);                                    [see page 1037]
  kanji.rare.potters_clay;
  tsu_render;
endtsuglyph;

% sen/ikusa "battle"
begintsuglyph("uni6226",38);                                    [see page 2553]
  kanji.grfour.battle;
  tsu_render;
endtsuglyph;

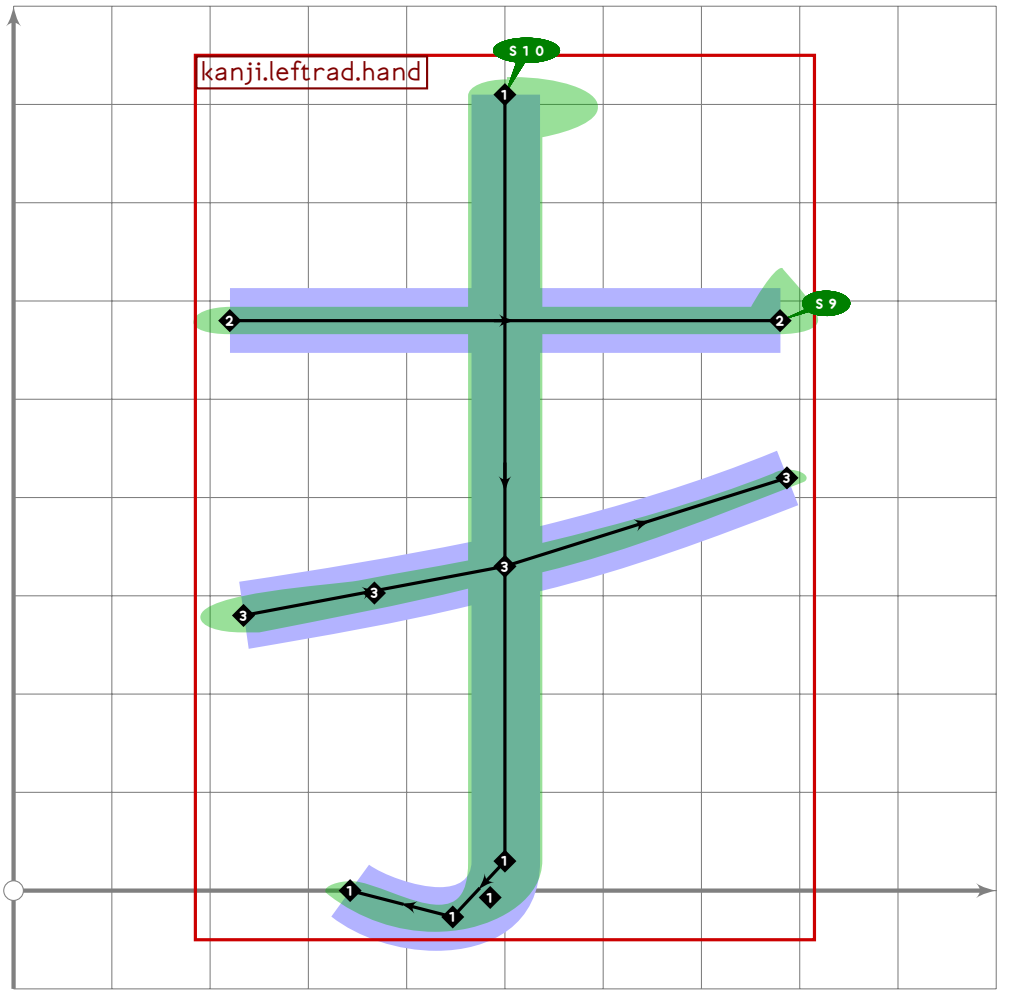
% ko/to "door"
begintsuglyph("uni6238",56);                                    [see page 510]
  kanji.grtwo.door;
  tsu_render;
endtsuglyph;

% sho/tokoro "place"
begintsuglyph("uni6240",64);                                    [see page 2551]
  kanji.grthree.place;
  tsu_render;
endtsuglyph;

% hen/hiratai "flat"
begintsuglyph("uni6241",65);                                    [see page 1015]
  kanji.rare.flat;
  tsu_render;
endtsuglyph;

% te "hand"
begintsuglyph("uni624B",75);                                    [see page 447]
  kanji.grone.hand;
  tsu_render;
endtsuglyph;
```

U+624C
tsuku.uni624C




```
% hand radical
begintsuglyph("uni624C",76);
  build_kanji.sscale(xscaled 0.7)(kanji.leftrad.hand);
  tsu_render;
endtsuglyph;

% sai "genius" or "years of age"
begintsuglyph("uni624D",77);                                  [see page 2548]
  kanji.grtwo.genius;
  tsu_render;
endtsuglyph;

% da/u "hit"
begintsuglyph("uni6253",83);                                  [see page 2550]
  kanji.grthree.hit;
  tsu_render;
endtsuglyph;

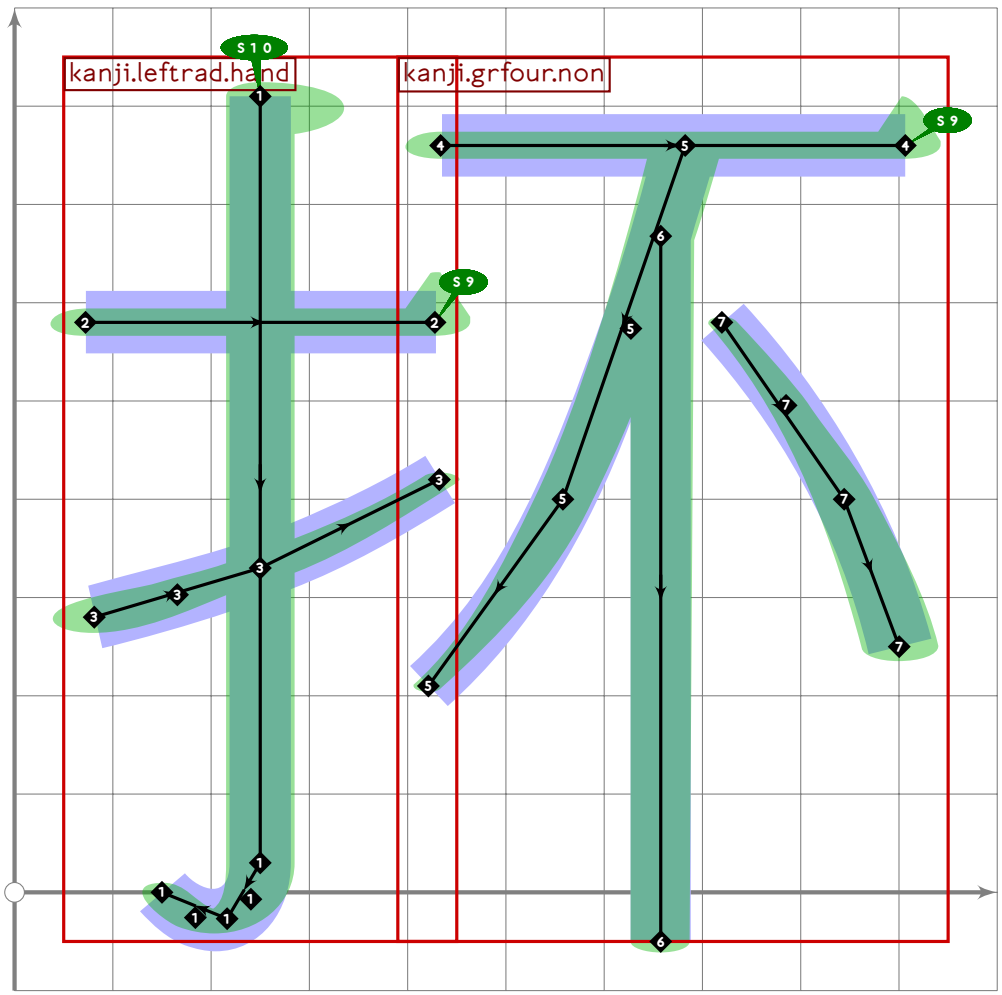
% hi "criticize"
begintsuglyph("uni6279",121);                                 [see page 2558]
  kanji.grsix.criticize;
```

```
  tsu_render;
endtsuglyph;

% shou/uke "be told"
begintsuglyph("uni627F",127);                                    [see page 2555]
  kanji.grfive.be_told;
  tsu_render;
endtsuglyph;

% gi/waza "technique"
begintsuglyph("uni6280",128);                                    [see page 2556]
  kanji.grfive.technique;
  tsu_render;
endtsuglyph;

% tou/na "throw"
begintsuglyph("uni6295",149);                                    [see page 2552]
  kanji.grthree.throw;
  tsu_render;
endtsuglyph;
```



```
% extra:  hou/nado "etcetera"
begintsuglyph("uni6294",148);
  build_kanji.level(build_kanji.lr(420,60)
    (kanji.leftrad.hand)
    (kanji.grfour.non));
  tsu_render;
endtsuglyph;

% satsu/o "fold" (o as in origami)
begintsuglyph("uni6298",152);                                  [see page 698]
  kanji.grfour.fold;
  tsu_render;
endtsuglyph;

% tan/katsu "carry"
begintsuglyph("uni62C5",197);                                  [see page 2557]
  kanji.grsix.carry;
  tsu_render;
endtsuglyph;

% shou/mane "beckon" (as in manekineko)
begintsuglyph("uni62DB",219);                                  [see page 2554]
  kanji.grfive.beckon;
  tsu_render;
endtsuglyph;

% kaku/hiro "spread"
begintsuglyph("uni62E1",225);                                  [see page 2559]
  kanji.grsix.spread;
  tsu_render;
endtsuglyph;

% shuu/hiro "gather"
begintsuglyph("uni62FE",254);                                  [see page 2549]
  kanji.grthree.gather;
  tsu_render;
endtsuglyph;

------------------------------------------------------------------------------

endfont;

------------------------------------------------------------------------------
```

tsuku-63.mp

```
%
% Unicode page 63 (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2017 Matthew Skala
%
[Standard copyright notice]

---

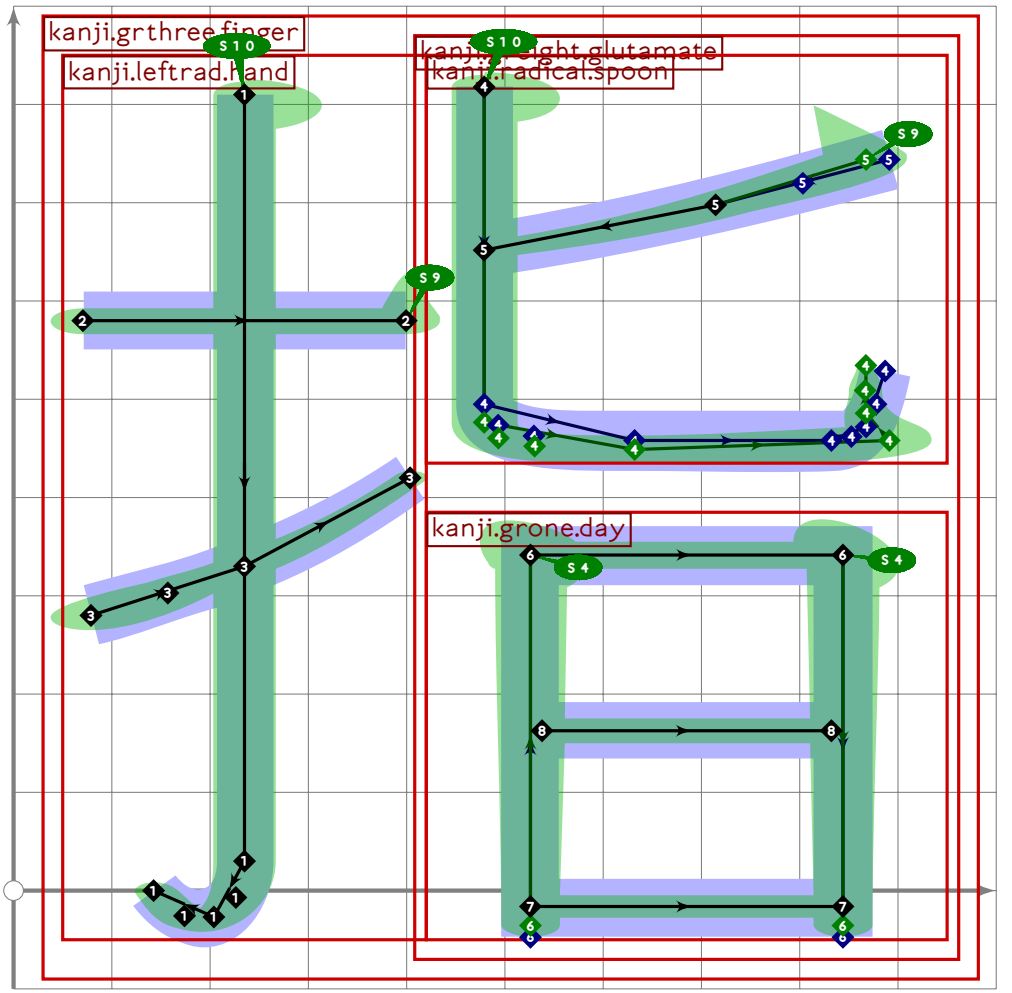
beginfont

% AUTODEPS
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradethree.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input toprad.mp;

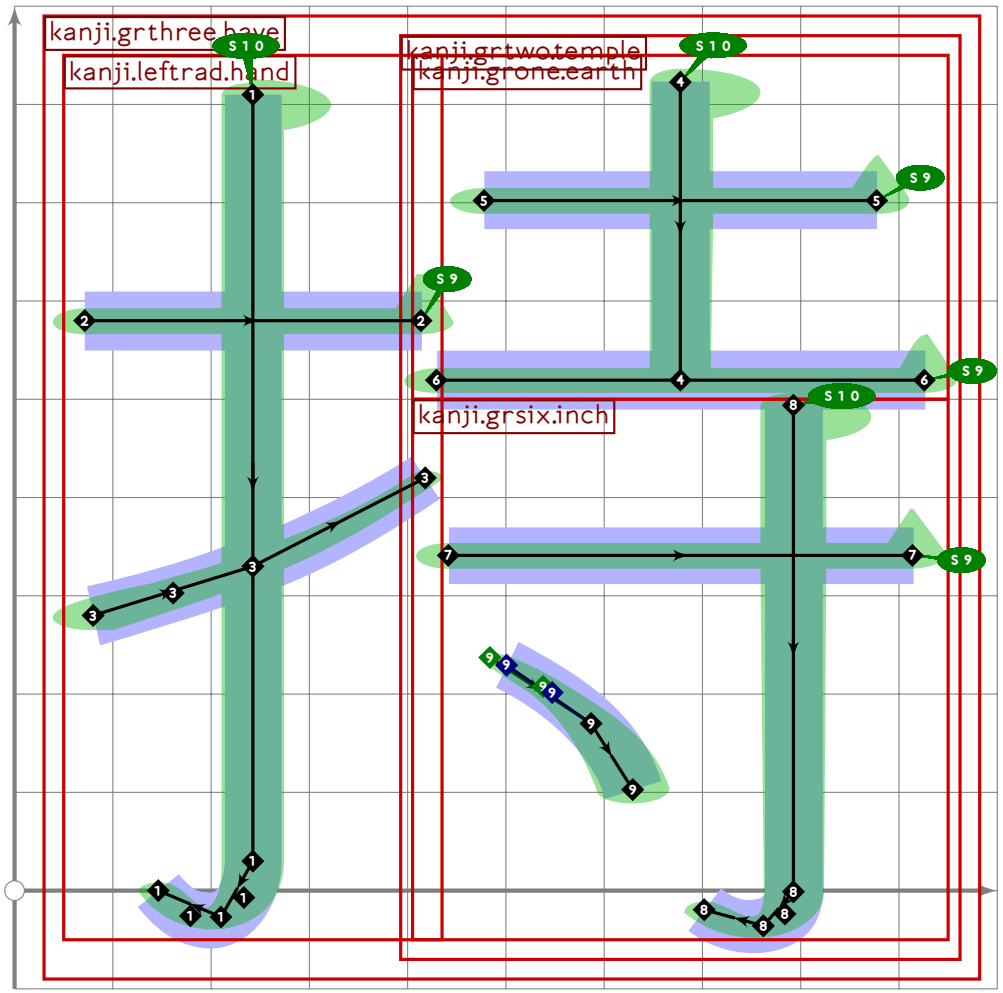
do_late_includes;

---
```

U+6307
tsuku.uni6307

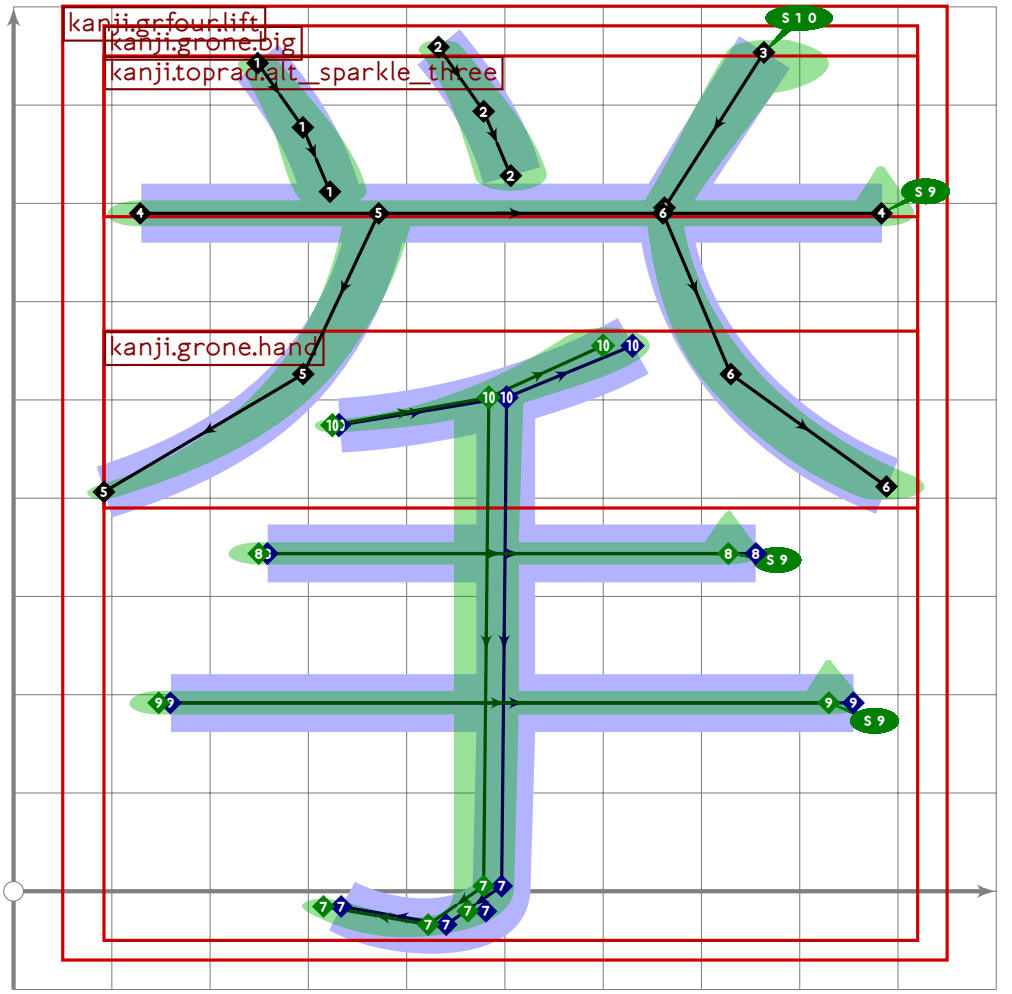



```
52
53 vardef  kanji.grthree.finger =
54   push_pbox_toexpand("kanji.grthree.finger");
55   build_kanji.level(build_kanji.lr(420,0)
56     (kanji.leftrad.hand)
57     (kanji.greight.glutamate));
58   expand_pbox;
59 enddef;
```

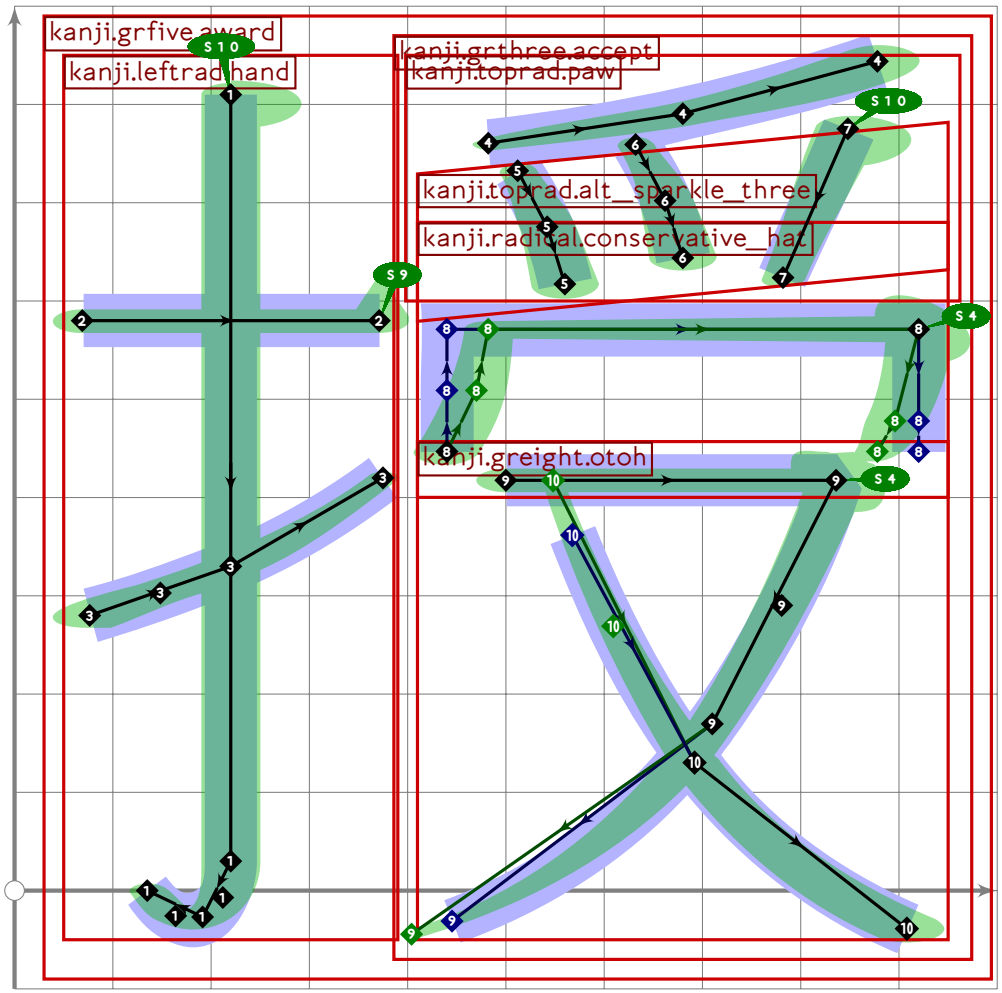



```
60
61 vardef  kanji.grthree.have  =
62   push_pbox_toexpand("kanji.grthree.have");
63   build_kanji.level(build_kanji.lr(420,30)
64     (kanji.leftrad.hand)
65     (kanji.grtwo.temple));
66   expand_pbox;
67 enddef;
68
69 ---------------------------------------------------------------------------
```

U+6319
tsuku.uni6319

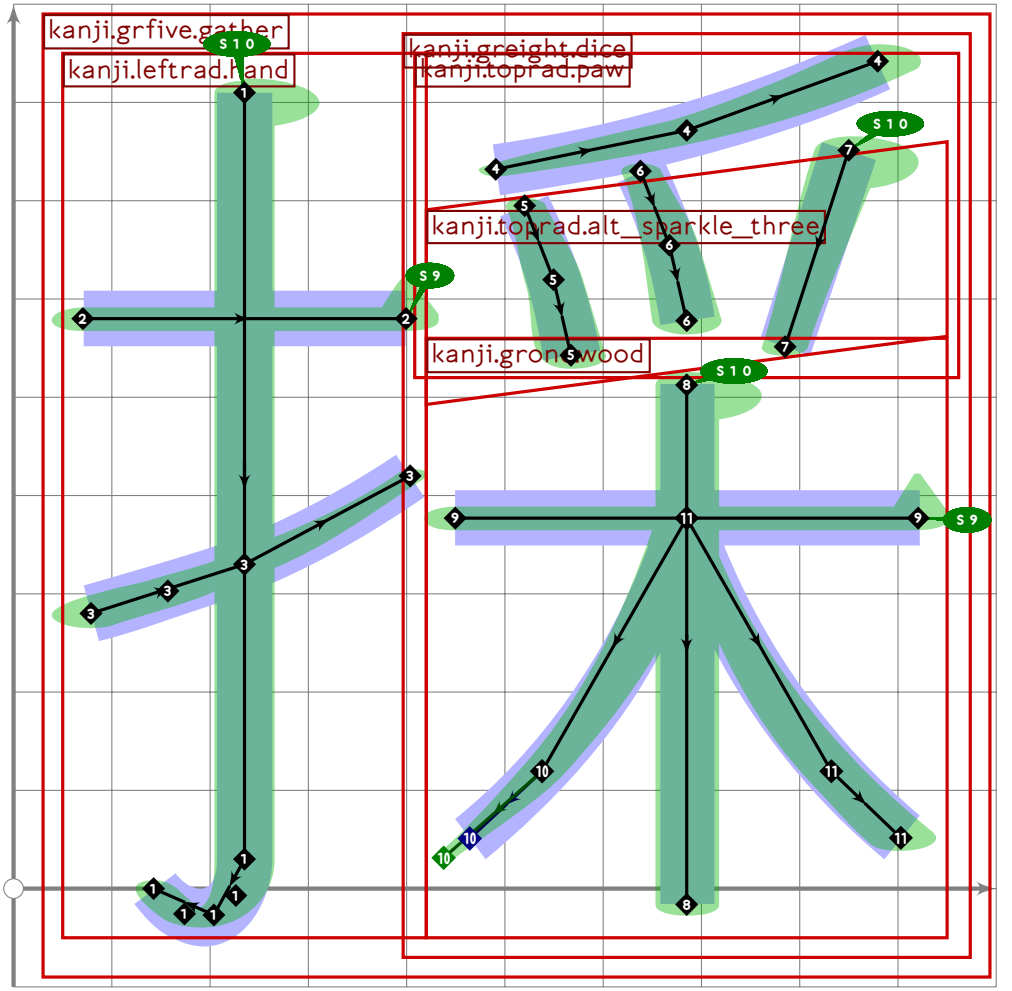



```
70
71 vardef kanji.grfour.lift =
72   push_pbox_toexpand("kanji.grfour.lift");
73   build_kanji.level(build_kanji.sscale(xscaled 0.92 shifted (6,0))
74     (build_kanji.tb(480,180)
75       (build_kanji.tb(720,380)
76         (kanji.toprad.alt_sparkle_three)
77         (build_kanji.spread_legs(280)(kanji.grone.big);
78          replace_strokep(-1)(subpath
79              (xpart (oldp intersectiontimes get_strokep(-2)),infinity)
80            of oldp)))
81       (build_kanji.warp((700-40*mincho,850),(300,850),
82                         (-50-20*mincho,-50),(1050-20*mincho,-50))
83         (kanji.grone.hand))));
84   expand_pbox;
85 enddef;
86
87 ---------------------------------------------------------------------
```

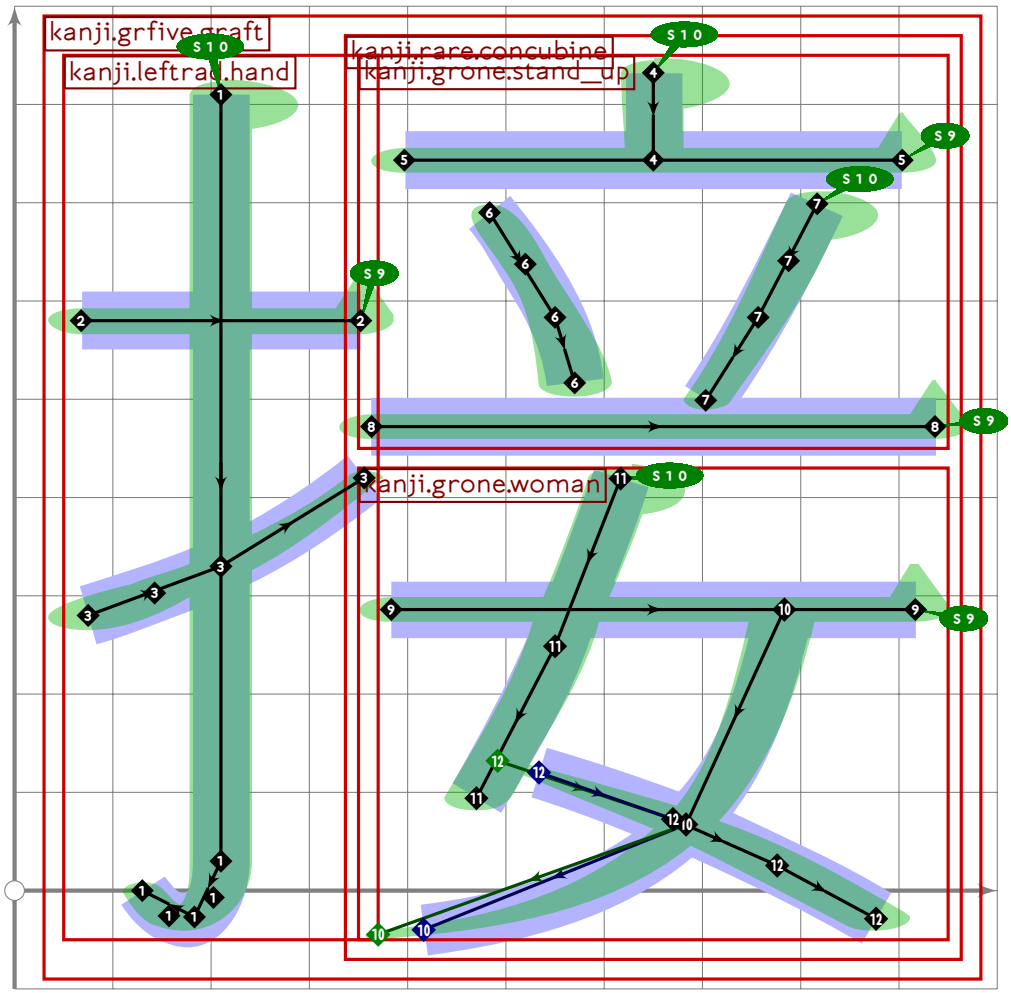



```
88
89 vardef  kanji.grfive.award =
90   push_pbox_toexpand("kanji.grfive.award");
91   build_kanji.level(build_kanji.lr(400,-20)
92     (kanji.leftrad.hand)
93     (kanji.grthree.accept));
94   expand_pbox;
95 enddef;
```

U+63A1
tsuku.uni63A1

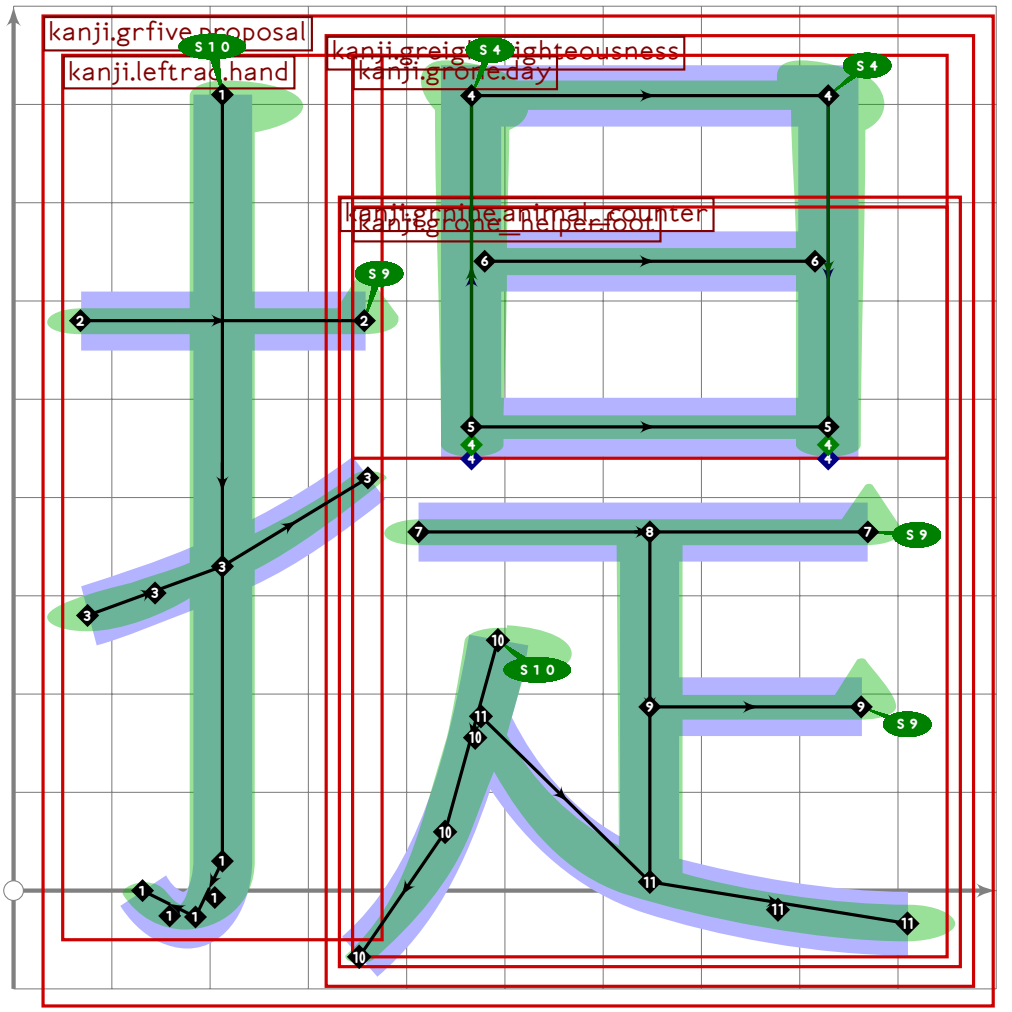



```
96
97 vardef kanji.grfive.gather =
98   push_pbox_toexpand("kanji.grfive.gather");
99   build_kanji.level(build_kanji.lr(420,0)
100     (kanji.leftrad.hand)
101     (kanji.greight.dice));
102   expand_pbox;
103 enddef;
```

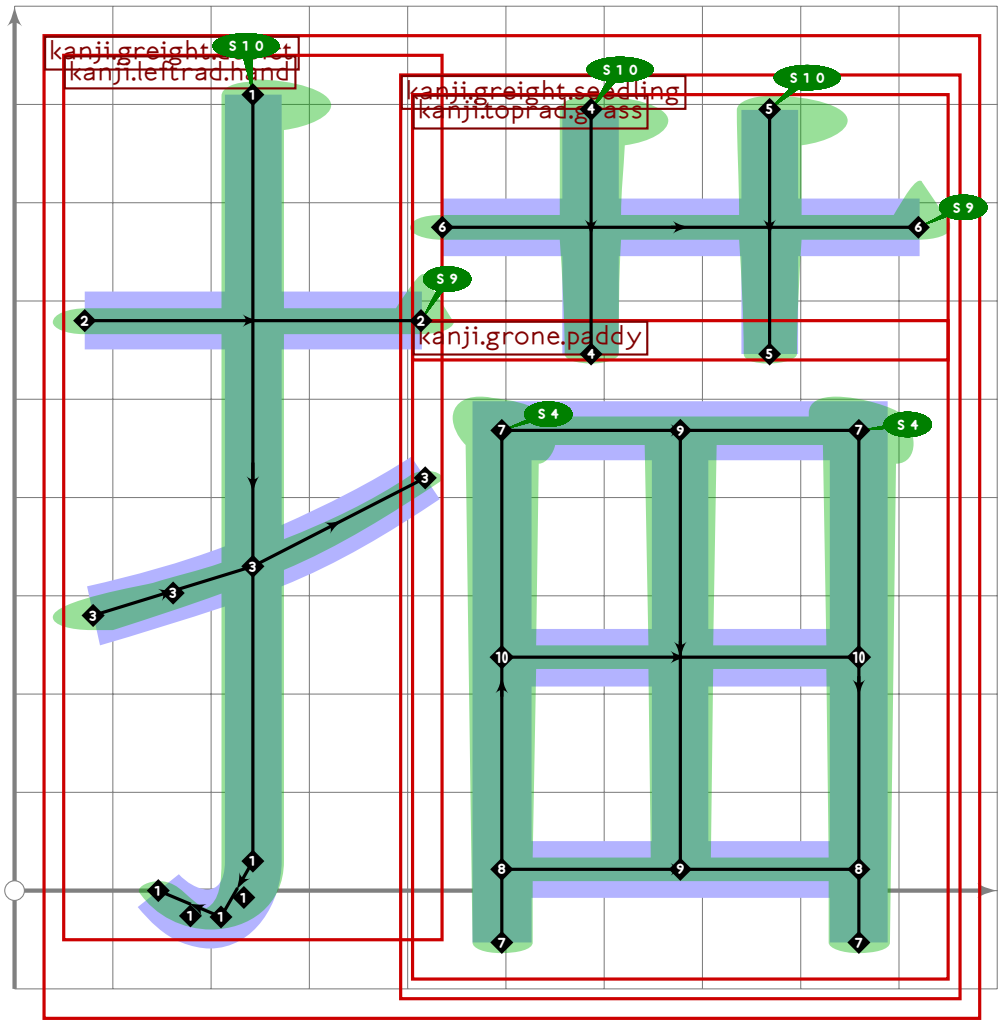



```
104
105 vardef  kanji.grfive.graft =
106   push_pbox_toexpand("kanji.grfive.graft");
107   build_kanji.level(build_kanji.lr(360,20)
108     (kanji.leftrad.hand)
109     (kanji.rare.concubine));
110   expand_pbox;
111 enddef;
```

U+63D0
tsuku.uni63D0

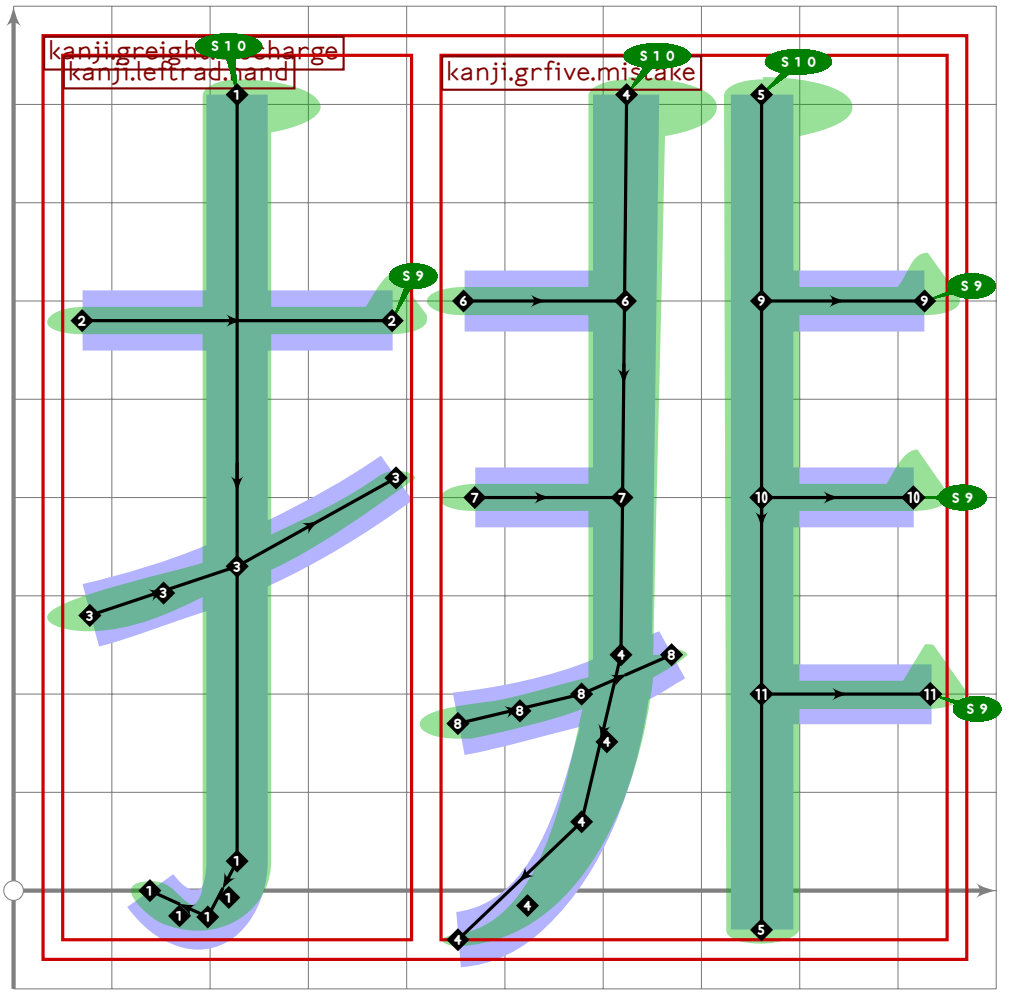



```
112
113 vardef  kanji.grfive.proposal =
114   push_pbox_toexpand("kanji.grfive.proposal");
115   build_kanji.level(build_kanji.lr(360,30)
116     (kanji.leftrad.hand)
117     (kanji.greight.righteousness));
118   expand_pbox;
119 enddef;
120
121 ---------------------------------------------------------------
```

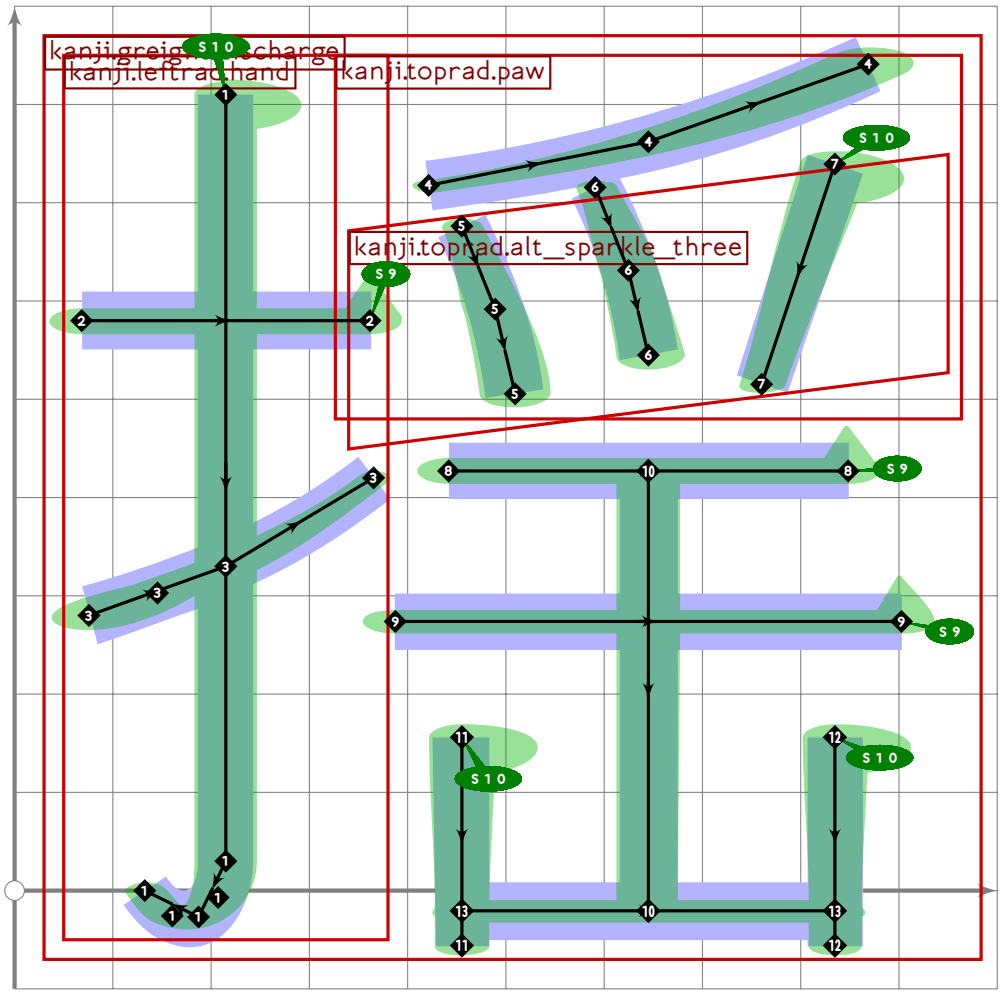



```
122
123 vardef  kanji.greight.depict =
124   push_pbox_toexpand("kanji.greight.depict");
125   build_kanji.level(build_kanji.lr(420,30)
126     (kanji.leftrad.hand)
127     (build_kanji.sscale(shifted  (0,-40))(kanji.greight.seedling)));
128   expand_pbox;
129 enddef;
```

U+6392
tsuku.uni6392




```
130
131 vardef  kanji.greight.discharge =
132   push_pbox_toexpand("kanji.greight.discharge");
133   build_kanji.level(build_kanji.lr(420,-30)
134     (kanji.leftrad.hand)
135     (kanji.grfive.mistake));
136   expand_pbox;
137 enddef;
```




```
138
139 vardef kanji.greight.vibrate =
140   push_pbox_toexpand("kanji.greight.discharge");
141   build_kanji.level(build_kanji.lr(360,40)
142     (kanji.leftrad.hand)
143     (build_kanji.tb(480,0)
144         (kanji.toprad.paw)
145         (push_stroke((200,760)–(800,760),(1.6,1.6)–(1.6,1.6));
146           set_boserif(0,1,9);
147           push_stroke((120,500)–(880,500),(1.6,1.6)–(1.6,1.6));
148           set_boserif(0,1,9);
149           push_stroke((500,760)–(500,0),(1.6,1.6)–(1.5,1.5));
150           build_kanji.cup((220,300),(780,0))))));
151   expand_pbox;
152 enddef;
153
154 ———————————————————————————————————————————————————————————————
155
156 % ji/mo "have"
157 begintsuglyph("uni6301",1);                    [see page 2567]
158   kanji.grthree.have;
```

```
  tsu_render;
endtsuglyph;

% shi/yubi "finger"
begintsuglyph("uni6307",7);                                    [see page 2566]
  kanji.grthree.finger;
  tsu_render;
endtsuglyph;

%kyo/a "lift"
begintsuglyph("uni6319",25);                                   [see page 2568]
  kanji.grfour.lift;
  tsu_render;
endtsuglyph;

% ju/sazu "award"
begintsuglyph("uni6388",136);                                  [see page 2569]
  kanji.grfive.award;
  tsu_render;
endtsuglyph;

% hai "discharge"
begintsuglyph("uni6392",146);                                  [see page 2574]
  kanji.greight.discharge;
  tsu_render;
endtsuglyph;

% sai/to "gather"
begintsuglyph("uni63A1",161);                                  [see page 2570]
  kanji.grfive.gather;
  tsu_render;
endtsuglyph;

% setsu/tsugu "graft"
begintsuglyph("uni63A5",165);                                  [see page 2571]
  kanji.grfive.graft;
  tsu_render;
endtsuglyph;

% byou/ega "depict"
begintsuglyph("uni63CF",207);                                  [see page 2573]
  kanji.greight.depict;
  tsu_render;
endtsuglyph;

% tei/sa "proposal" (or "lunchbox," or "prostitute")
begintsuglyph("uni63D0",208);                                  [see page 2572]
  kanji.grfive.proposal;
```

```
  tsu_render;
endtsuglyph;

% you/yu "vibrate"
begintsuglyph("uni63FA",250);                                  [see page 2575]
  kanji.greight.vibrate;
  tsu_render;
endtsuglyph;

---

endfont;

---
```

tsuku-64.mp

```
%
% Unicode page 64 (Kanji) for Tsukurimashou
% Copyright (C) 2017 Matthew Skala
%
[Standard copyright notice]

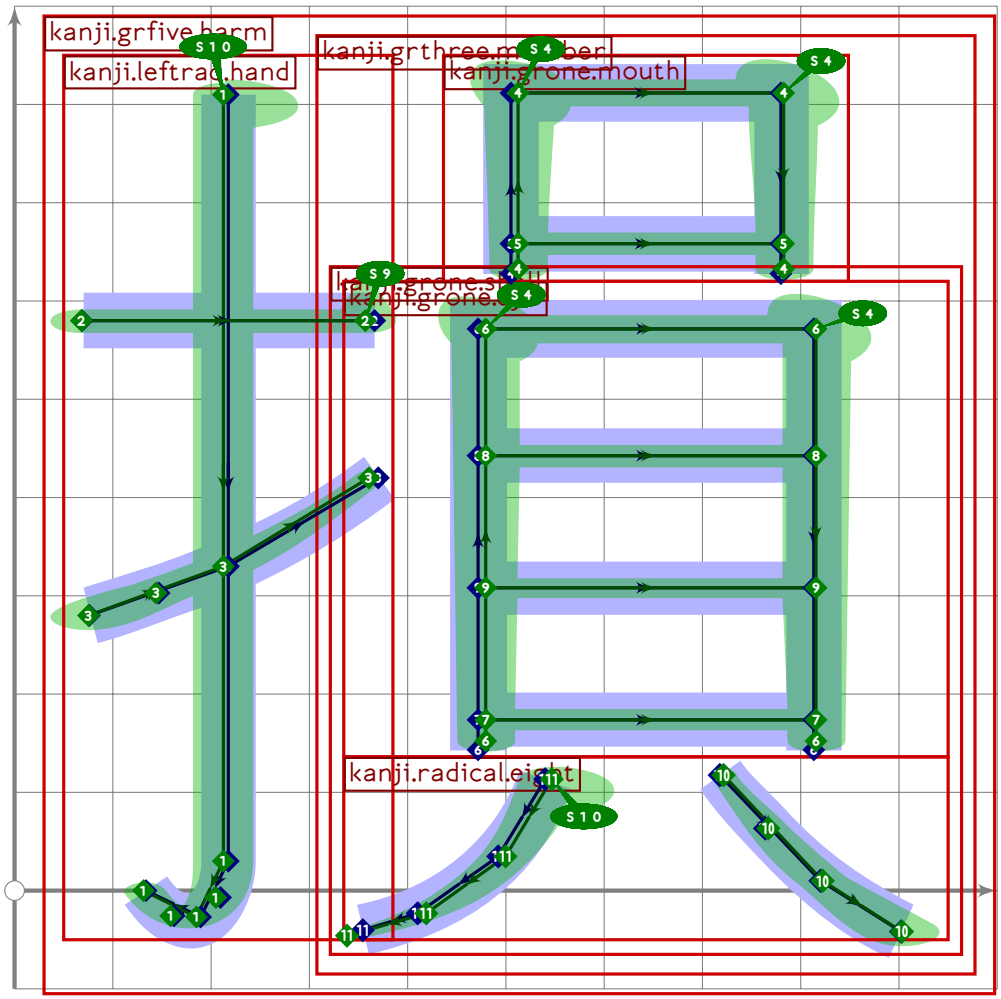
---

beginfont

% AUTODEPS
input buildkanji.mp;
input gradeone.mp;
input gradethree.mp;
input leftrad.mp;
input radical.mp;

do_late_includes;

---
```




```
45
46 vardef  kanji.grfive.harm =
47   push_pbox_toexpand("kanji.grfive.harm");
48   build_kanji.level(build_kanji.lr(360,50-20*mincho)
49     (kanji.leftrad.hand)
50     (kanji.grthree.member));
51   expand_pbox;
52 enddef;
53
54 ---------------------------------------------------------------------
55
56 % son/soko "harm"
57 begintsuglyph("uni640D",13);                          [see page 2579]
58   kanji.grfive.harm;
59   tsu_render;
60 endtsuglyph;
61
62 ---------------------------------------------------------------------
63
64 endfont;
65
```

```
%
% Unicode page 65 (Kanji) for Tsukurimashou
% Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
%
[Standard copyright notice]

---

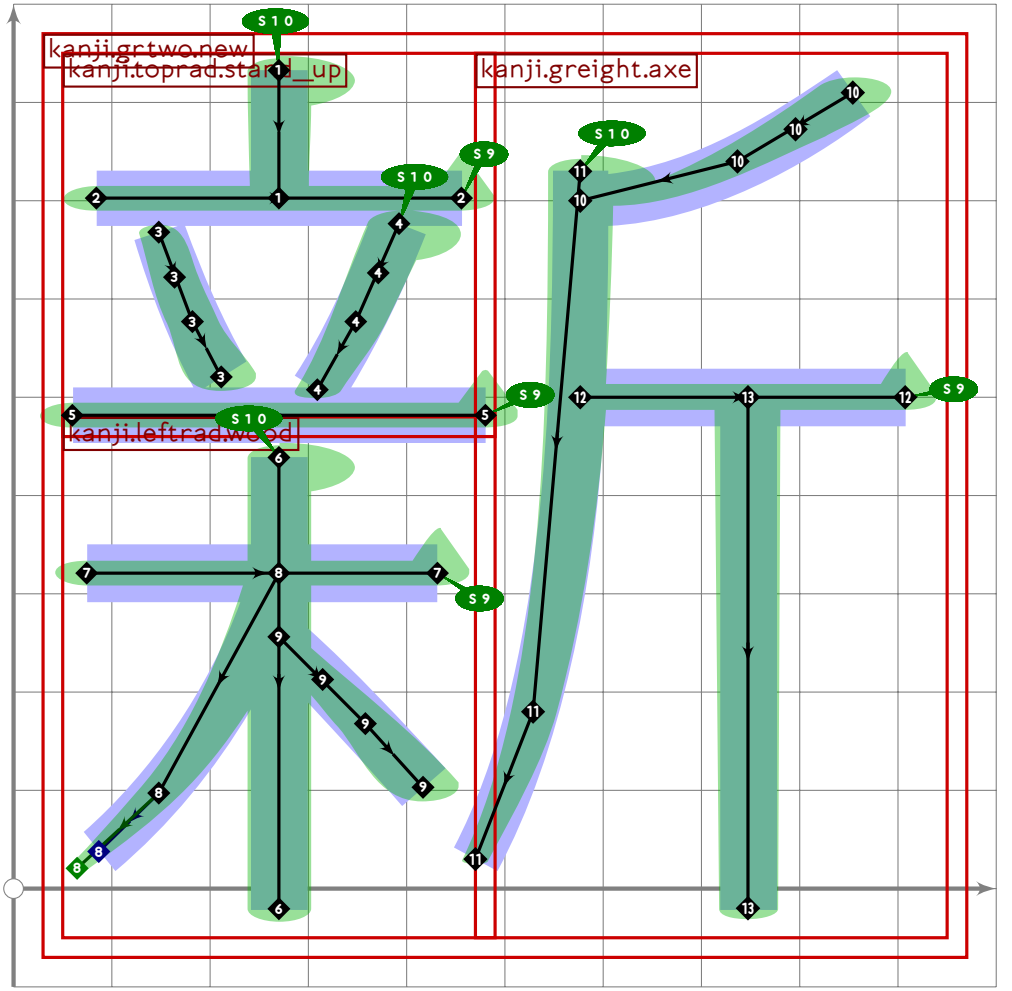
beginfont

% AUTODEPS
input bkencl.mp;
input bottomrad.mp;
input buildkanji.mp;
input gradeeight.mp;
input gradefive.mp;
input gradefour.mp;
input gradenine.mp;
input gradeone.mp;
input gradesix.mp;
input gradetwo.mp;
input leftrad.mp;
input radical.mp;
input rare.mp;
input rightrad.mp;
input toprad.mp;

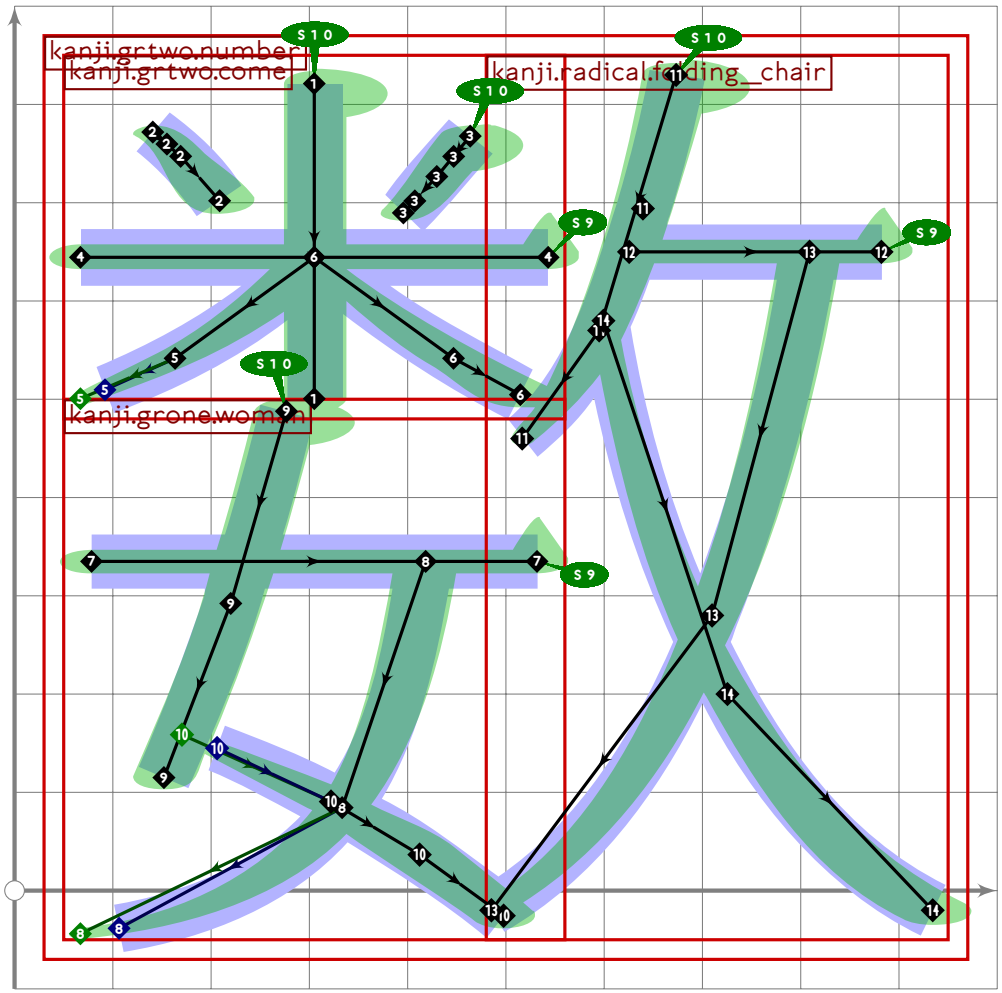
do_late_includes;

---
```

U+65B0
tsuku.uni65B0

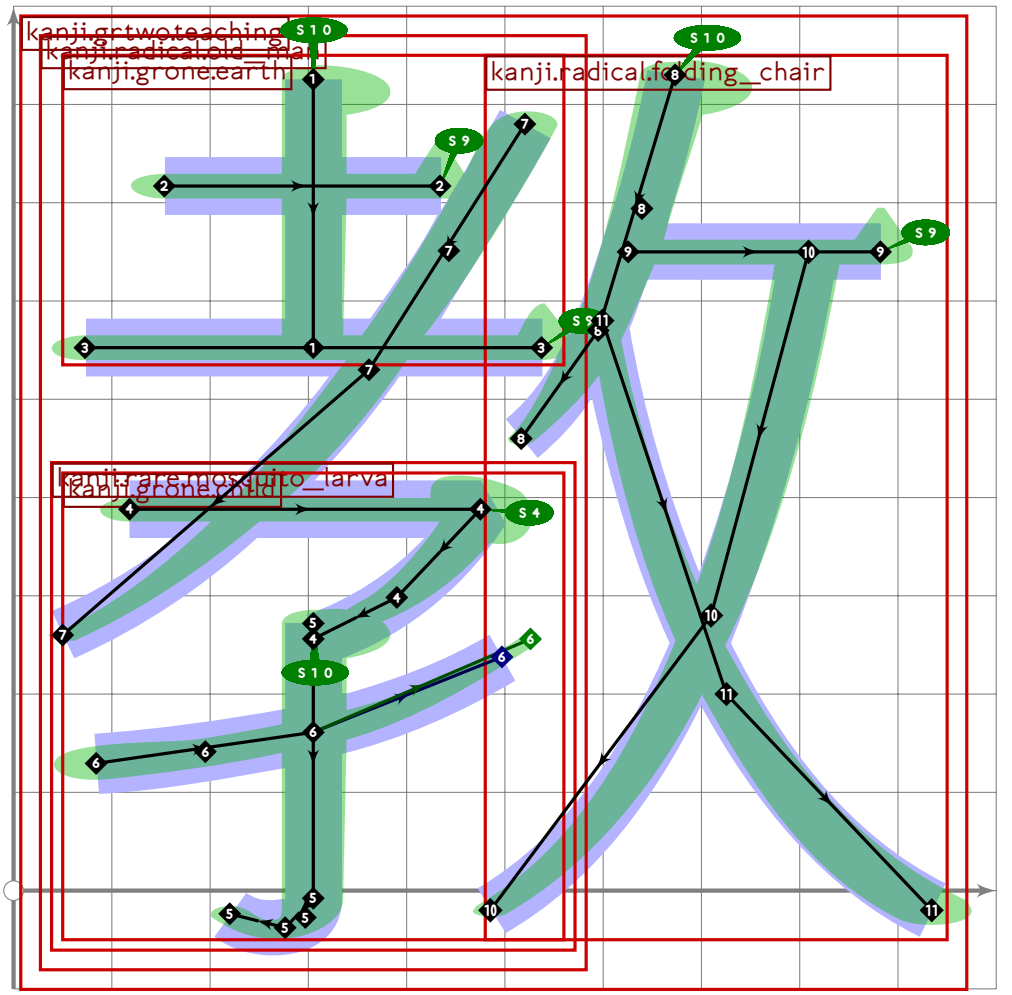



```
55
56 vardef kanji.grtwo.new =
57   push_pbox_toexpand("kanji.grtwo.new");
58   build_kanji.level(build_kanji.lr(480,20)
59     (build_kanji.tb(470,20)
60         (kanji.toprad.stand_up)
61         (kanji.leftrad.wood))
62     (kanji.greight.axe));
63   expand_pbox;
64 enddef;
```

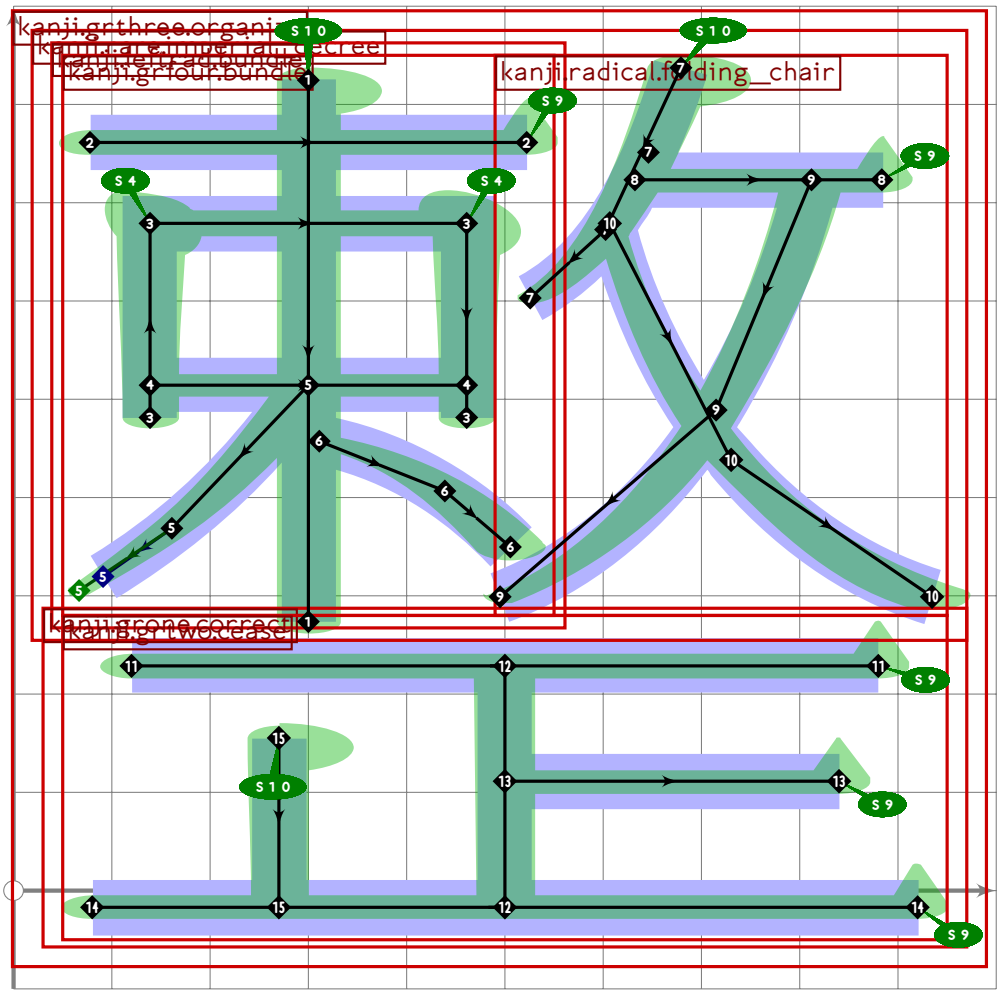



```
65
66 vardef kanji.grtwo.number =
67   push_pbox_toexpand("kanji.grtwo.number");
68   build_kanji.level(build_kanji.lr(520,80)
69     (build_kanji.tb(490,20)
70       (kanji.grtwo.come;
71         set_bosize(-5,0);
72         replace_strokep(-4)(oldp shifted (0,80));
73         replace_strokeq(-4)((1.2,1.2)--(1.4,1.4)--(1.7,1.7));
74         set_boserif(-4,0,whatever);
75         replace_strokep(-3)(oldp shifted (0,60)))
76       (kanji.grone.woman))
77     (kanji.radical.folding_chair));
78   expand_pbox;
79 enddef;
```

U+6559
tsuku.uni6559

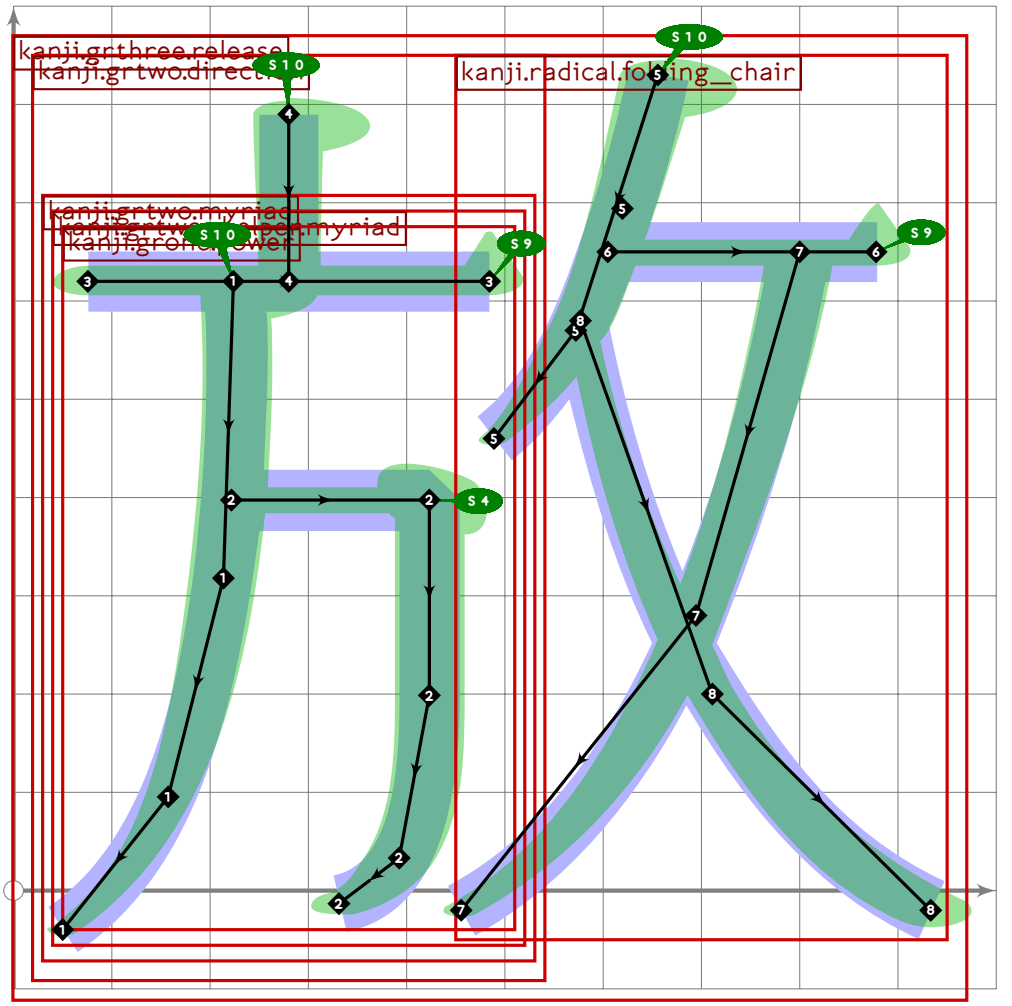



```
80
81 vardef  kanji.grtwo.teaching =
82   push_pbox_toexpand("kanji.grtwo.teaching");
83   build_kanji.level(build_kanji.lr(520,80)
84     (kanji.radical.old_man(kanji.rare.mosquito_larva))
85     (kanji.radical.folding_chair));
86   expand_pbox;
87 enddef;
88
89 ---------------------------------------------------------------
```

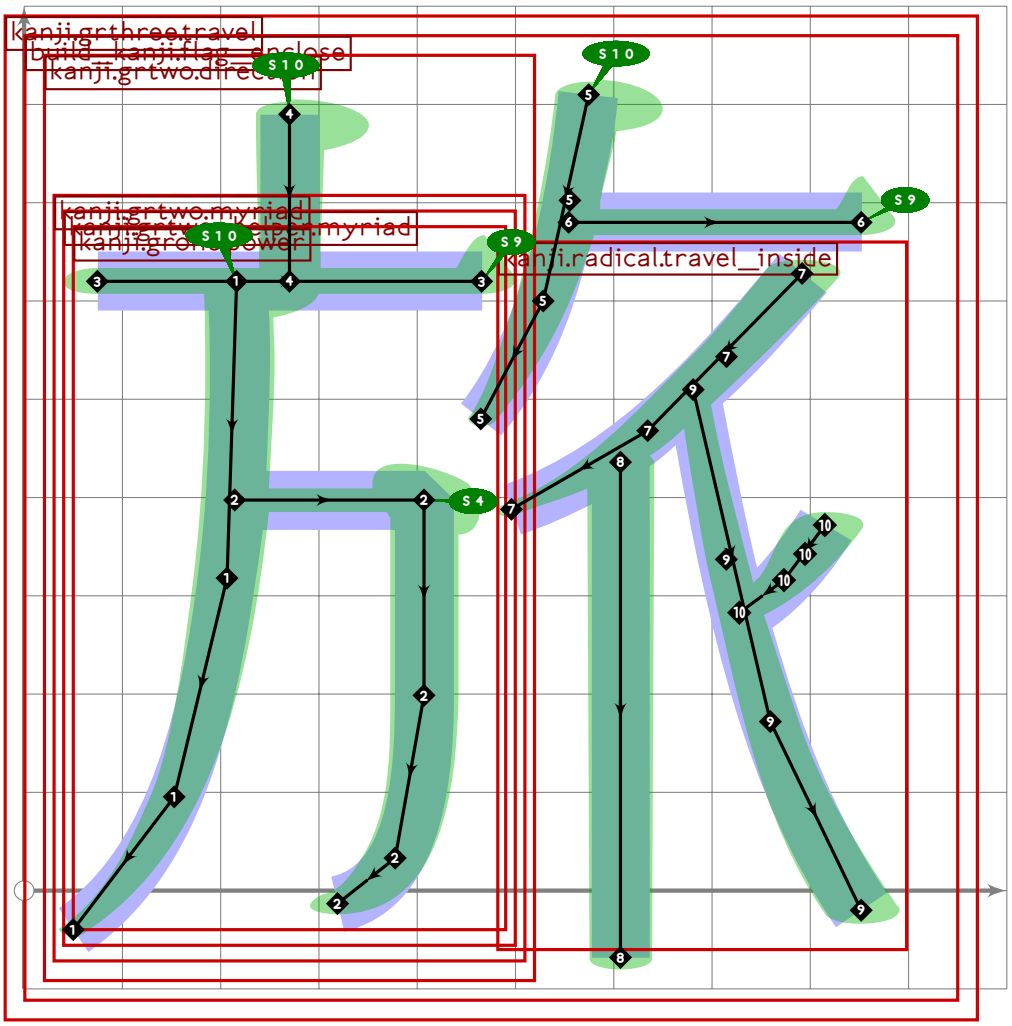



```
90
91 vardef kanji.grthree.organize =
92   push_pbox_toexpand("kanji.grthree.organize");
93   build_kanji.level(build_kanji.tb(280,0)
94     (kanji.rare.imperial_decree)
95     (kanji.grone.correct));
96   expand_pbox;
97 enddef;
```

U+653E
tsuku.uni653E

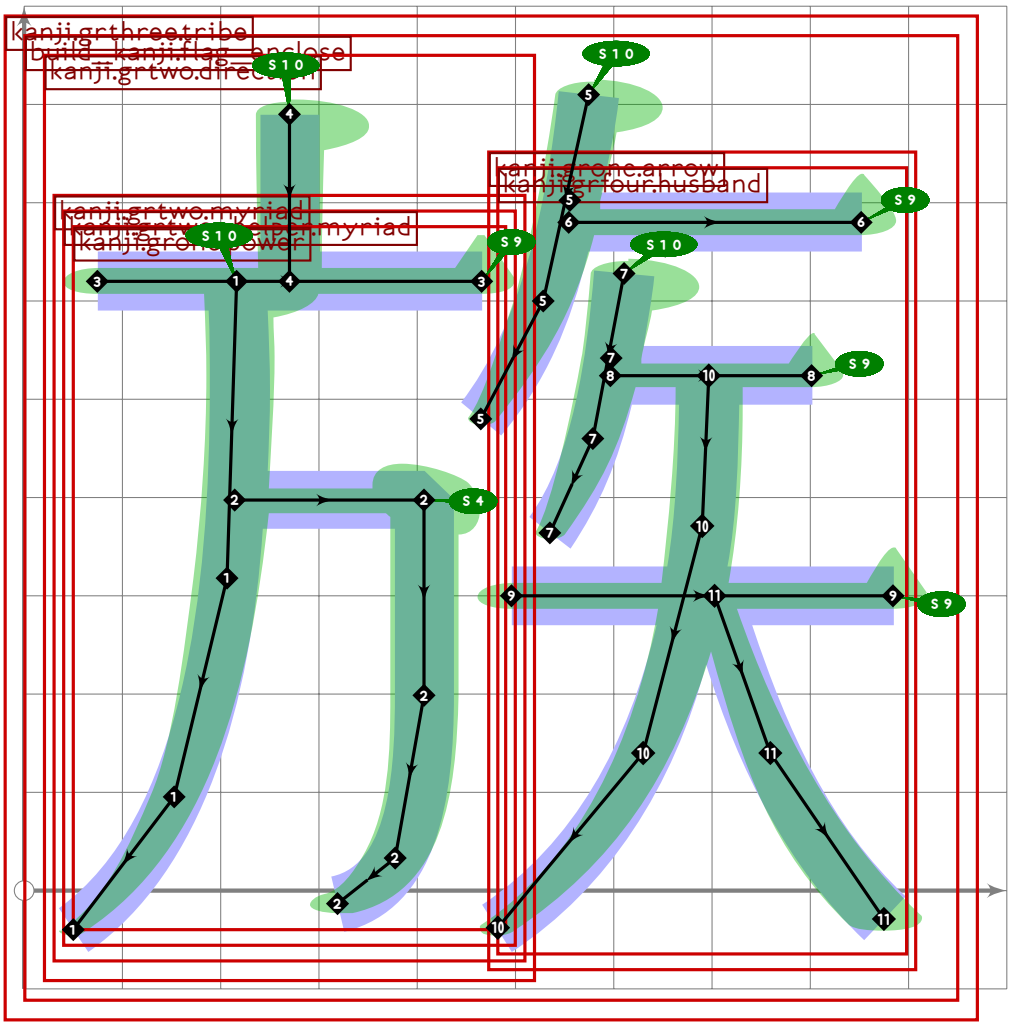



```
98
99 vardef  kanji.grthree.release =
100   push_pbox_toexpand("kanji.grthree.release");
101   build_kanji.level(build_kanji.lr(480,60)
102     (kanji.grtwo.direction)
103     (kanji.radical.folding_chair));
104   expand_pbox;
105 enddef;
```

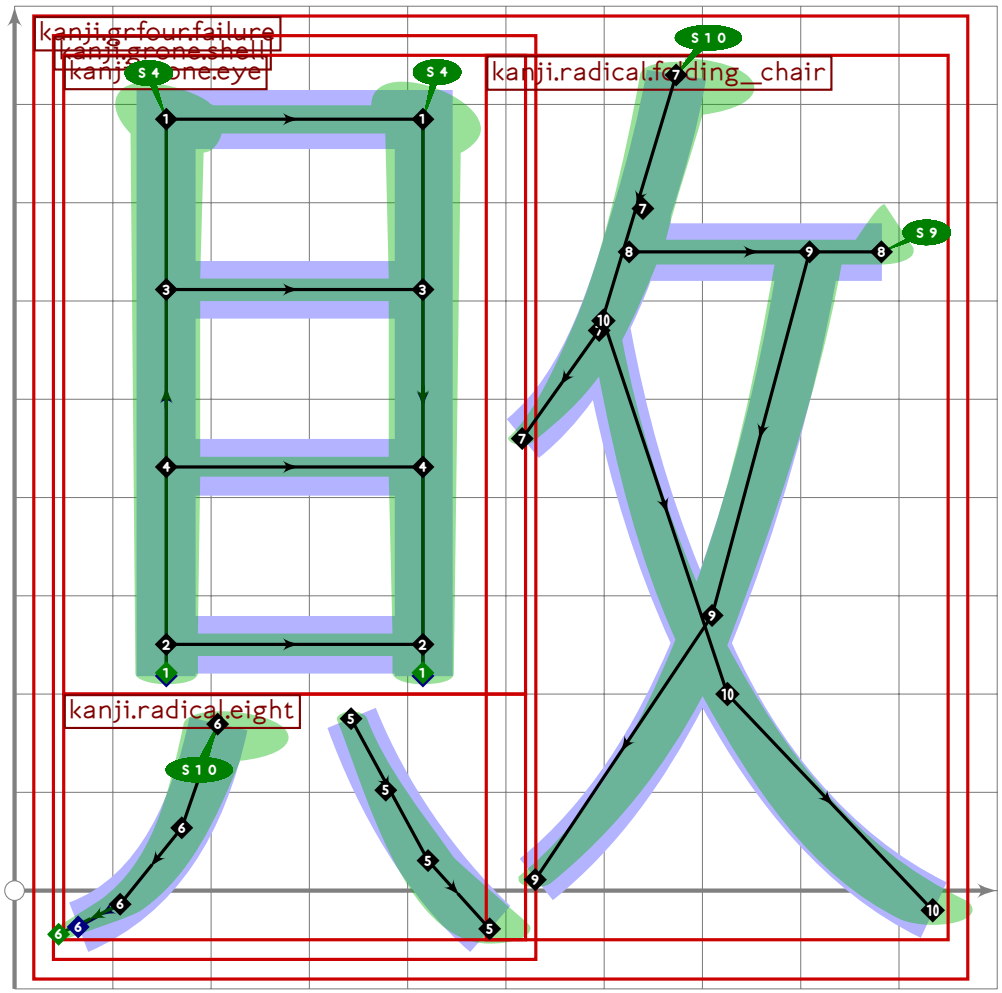



```
106
107 vardef  kanji.grthree.travel  =
108    push_pbox_toexpand("kanji.grthree.travel");
109    build_kanji.level(build_kanji.flag_enclose(0.8,0.8)
110       (kanji.radical.travel_inside));
111    expand_pbox;
112 enddef;
```

U+65CF
tsuku.uni65CF

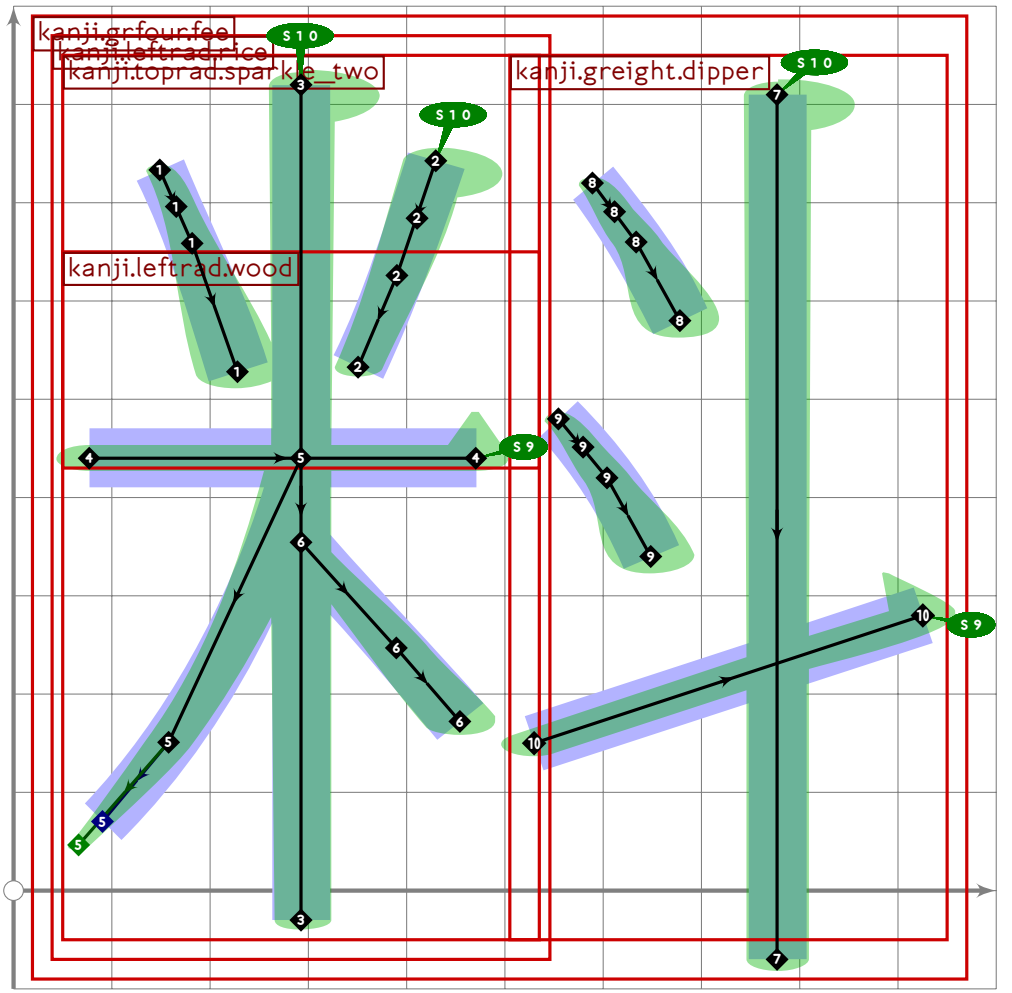



```
113
114 vardef kanji.grthree.tribe =
115   push_pbox_toexpand("kanji.grthree.tribe");
116   build_kanji.level(build_kanji.flag_enclose(0.8,0.8)(
117     kanji.grtwo.arrow;
118     replace_strokep(-4)(oldp shifted (-500,0)
119       xscaled 0.86 shifted (500,0));
120     replace_strokep(-3)(oldp shifted (-500,0)
121       xscaled 0.86 shifted (500,0))));
122   expand_pbox;
123 enddef;
124
125 ---------------------------------------------------------------------
```

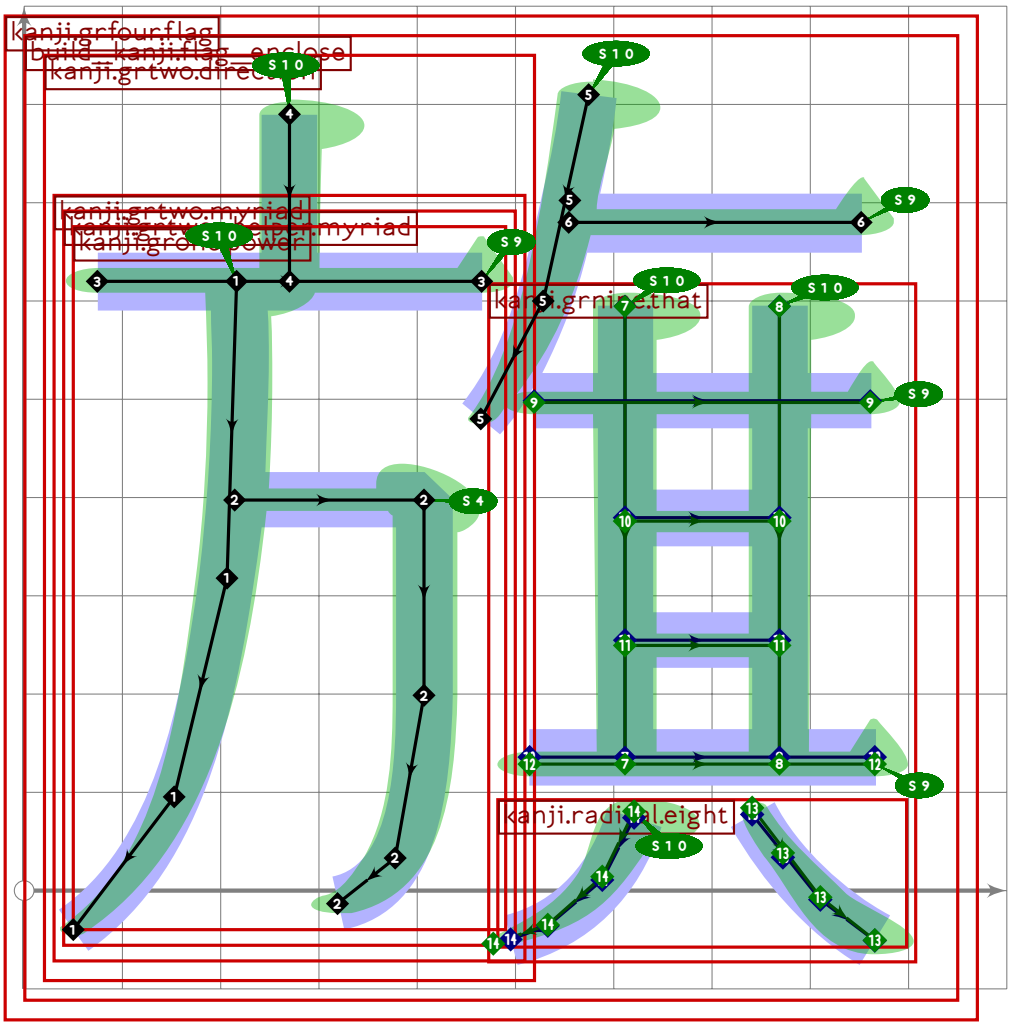



```
126
127 vardef kanji.grfour.failure =
128   push_pbox_toexpand("kanji.grfour.failure");
129   build_kanji.level(build_kanji.lr(500,40)
130     (kanji.grone.shell)
131     (kanji.radical.folding_chair;
132       replace_strokep(-1)(subpath (0,length(oldp)-0.17) of oldp)));
133   expand_pbox;
134 enddef;
```

U+6599
tsuku.uni6599

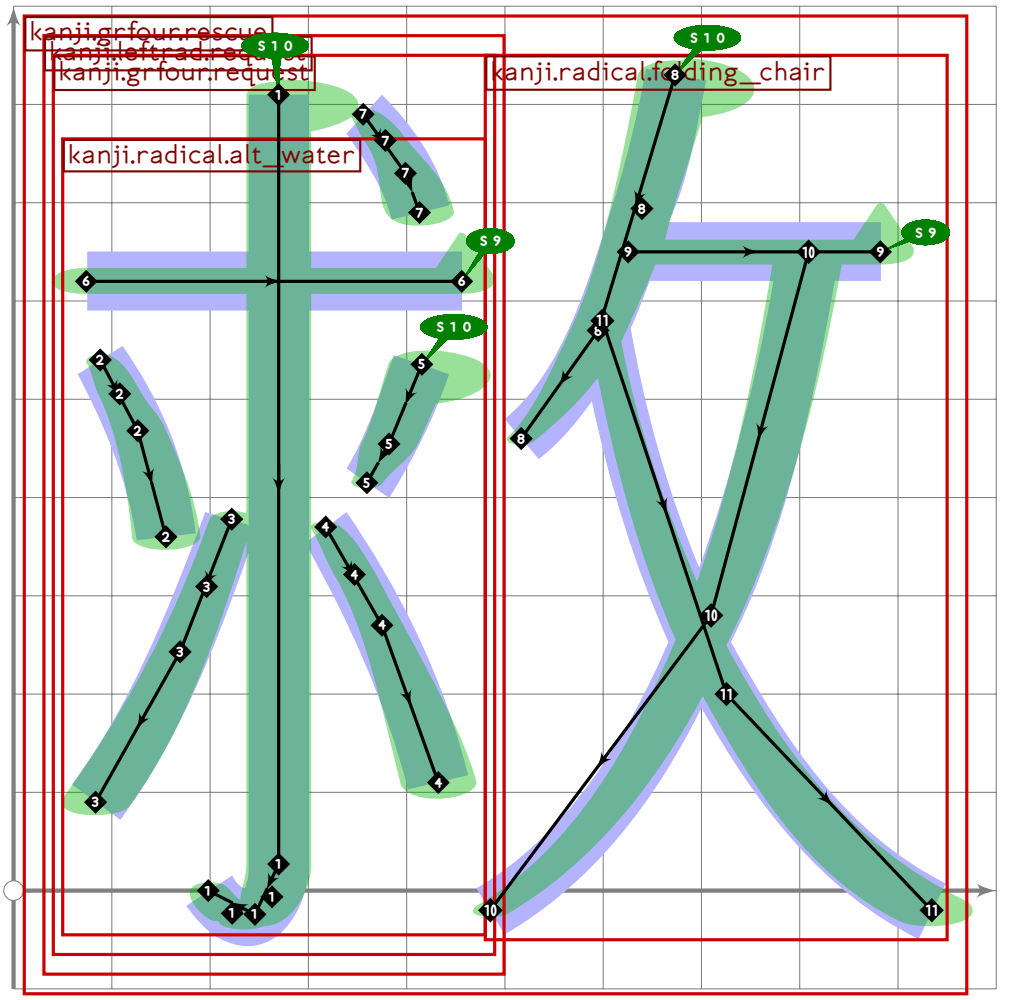



```
135
136 vardef  kanji.grfour.fee =
137   push_pbox_toexpand("kanji.grfour.fee");
138   build_kanji.level(build_kanji.lr(520,30)
139     (kanji.leftrad.rice)
140     (kanji.greight.dipper));
141   expand_pbox;
142 enddef;
```

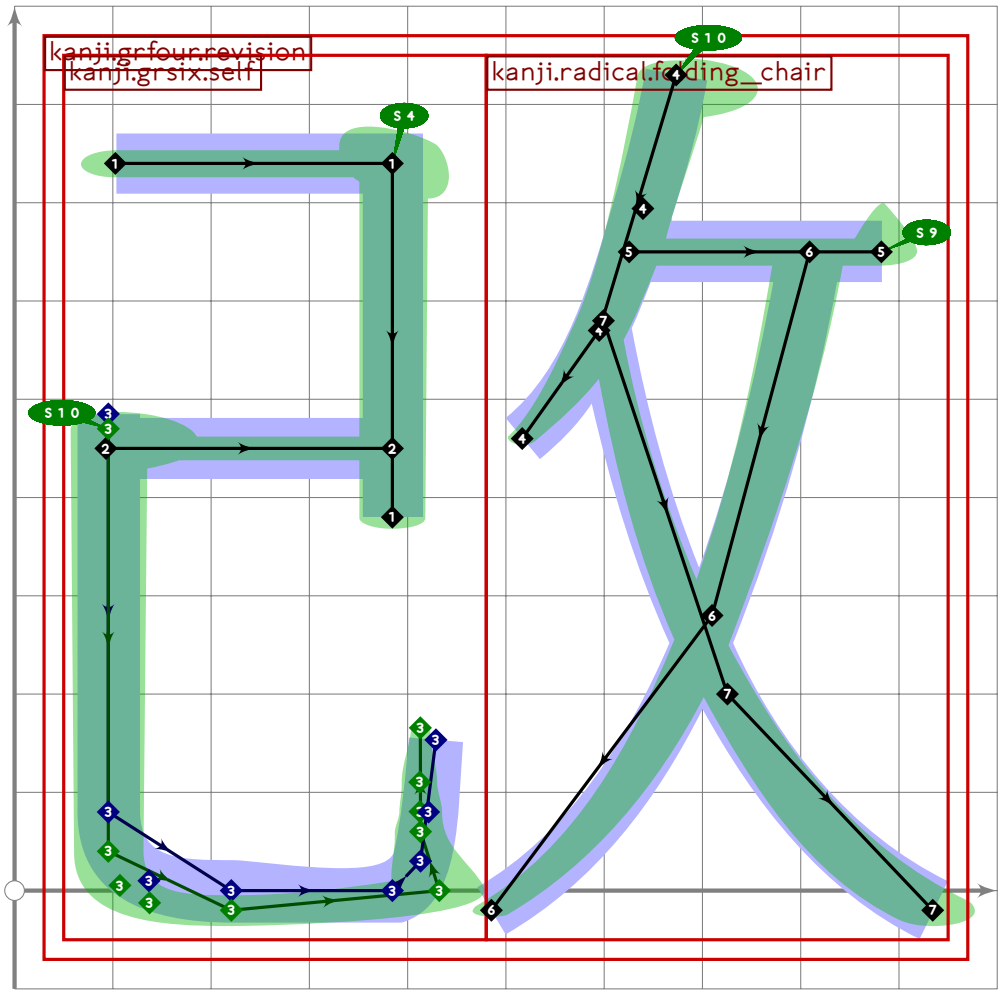



```
143
144 vardef  kanji.grfour.flag =
145   push_pbox_toexpand("kanji.grfour.flag");
146   build_kanji.level(build_kanji.flag_enclose(0.8,0.75)
147     (kanji.grnine.that));
148   expand_pbox;
149 enddef;
```

U+6551
tsuku.uni6551

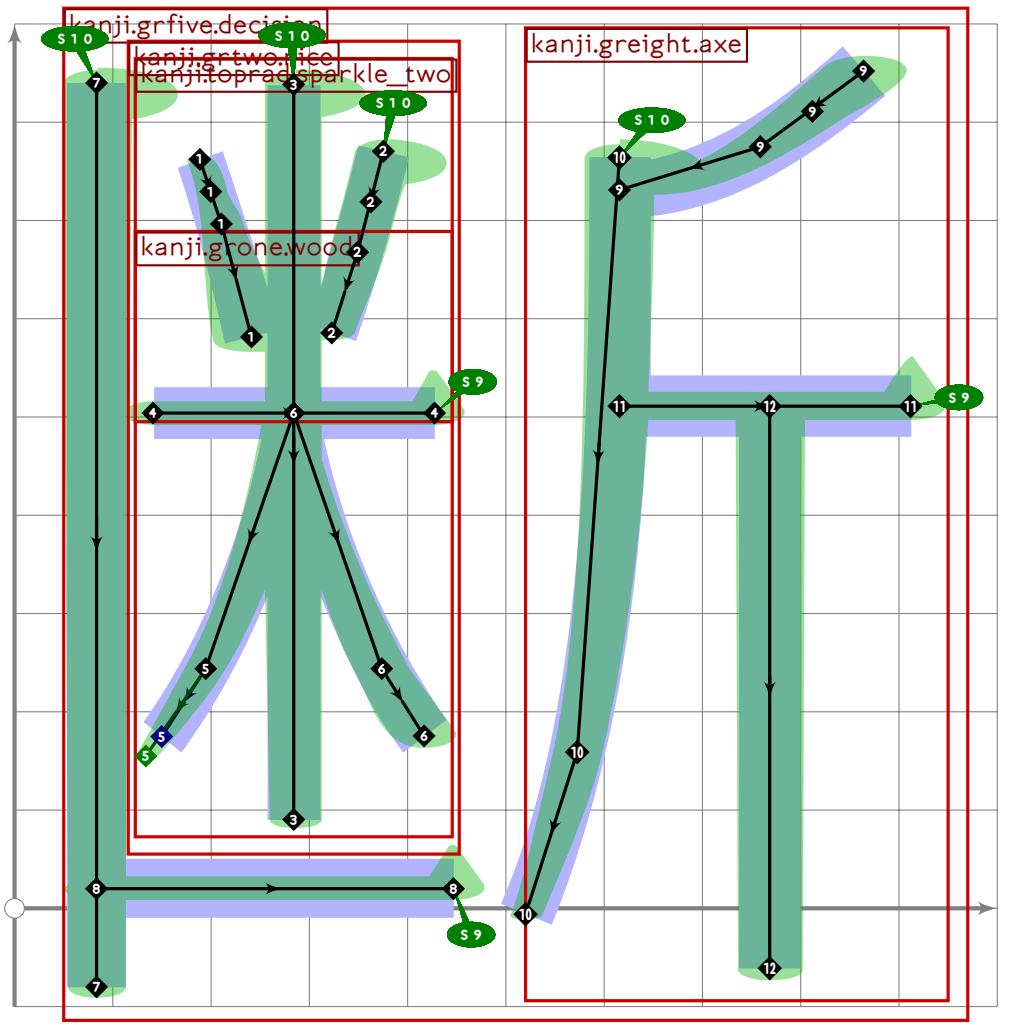



```
150
151 vardef  kanji.grfour.rescue =
152   push_pbox_toexpand("kanji.grfour.rescue");
153   build_kanji.level(build_kanji.lr(480,0)
154     (kanji.leftrad.request)
155     (kanji.radical.folding_chair));
156   expand_pbox;
157 enddef;
```

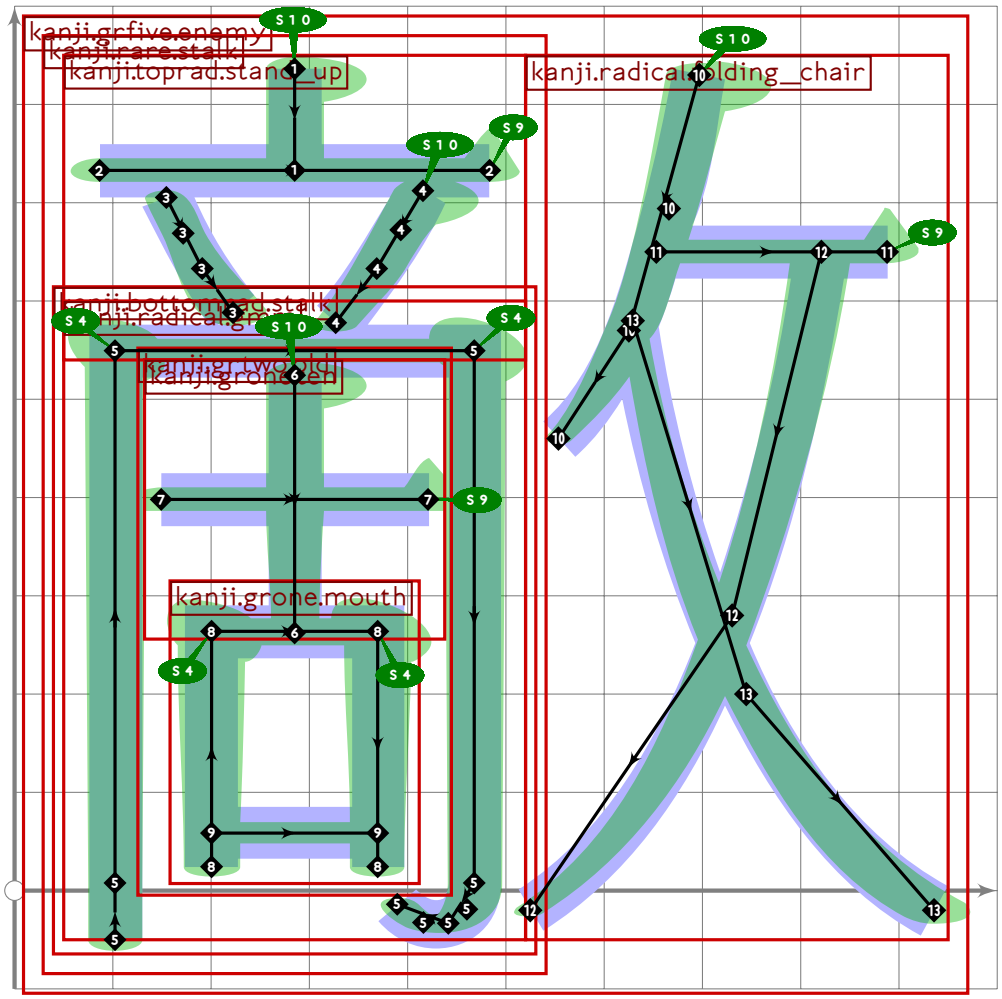



```
158
159 vardef  kanji.grfour.revision =
160   push_pbox_toexpand("kanji.grfour.revision");
161   build_kanji.level(build_kanji.lr(480,0)
162     (kanji.grsix.self)
163     (kanji.radical.folding__chair));
164   expand_pbox;
165 enddef;
166
167 ---------------------------------------------------------------------------
```

U+65AD
tsuku.uni65AD

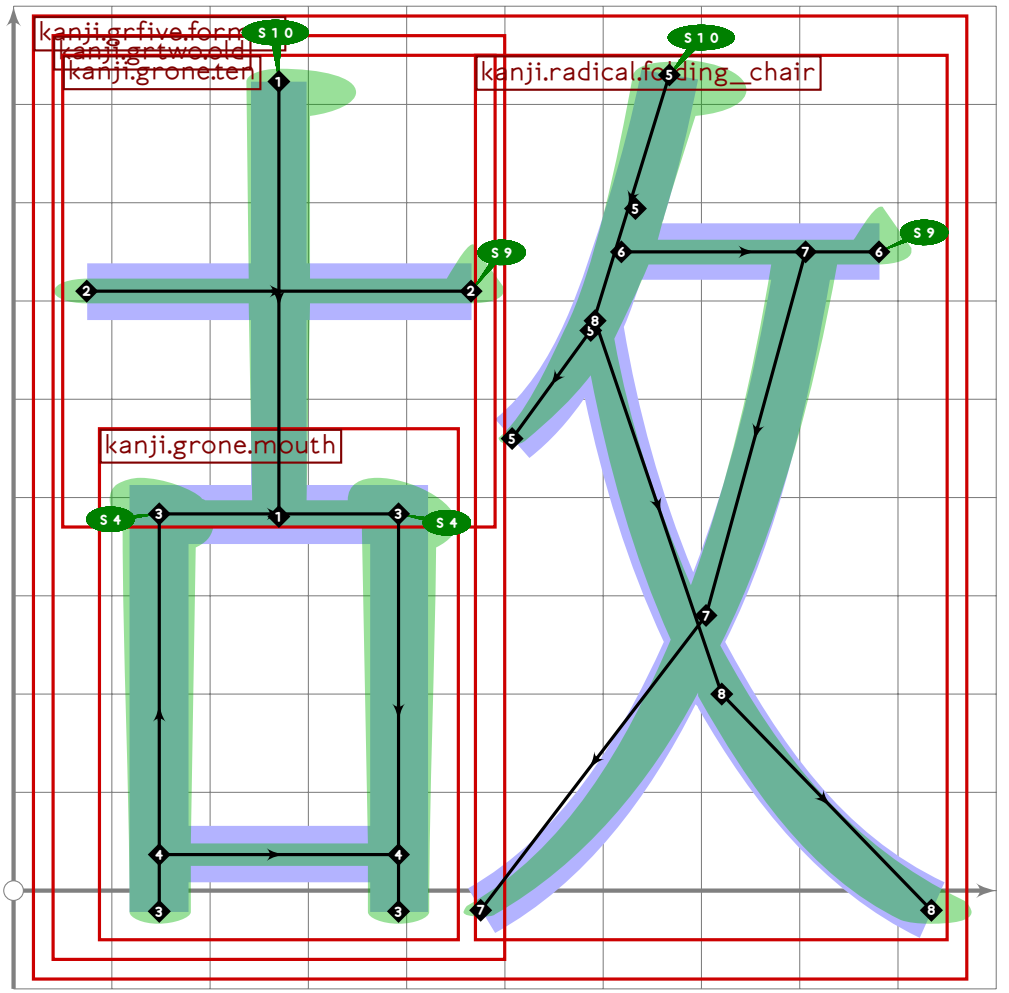



```
168
169 vardef  kanji.grfive.decision =
170   push_pbox_toexpand("kanji.grfive.decision");
171   build_kanji.lr(500,-40)
172     (build_kanji.sscale(xyscaled (0.75,0.88) shifted (40,70))
173         (kanji.grtwo.rice);
174      build_kanji.cup((120,840),(880,20));
175      set_bosize(-1,0);
176      set_boserif(0,1,9);
177      replace_strokep(-2)((point 0 of oldp)-(xpart point 1 of oldp,-80)))
178     (build_kanji.sscale(yscaled 1.10)(kanji.greight.axe));
179   expand_pbox;
180 enddef;
```

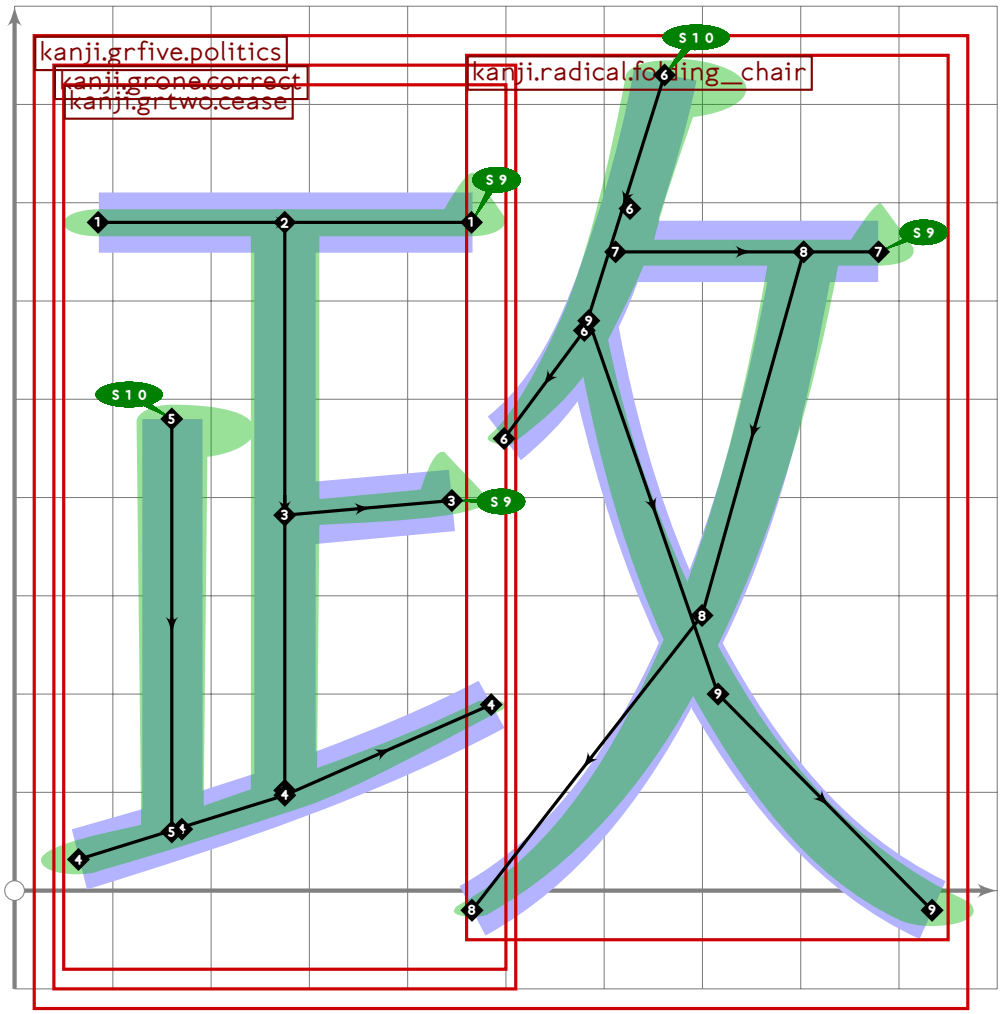



```
vardef  kanji.grfive.enemy =
   push_pbox_toexpand("kanji.grfive.enemy");
   build_kanji.level(build_kanji.lr(520,0)
      (kanji.rare.stalk)
      (kanji.radical.folding_chair));
   expand_pbox;
enddef;
```

U+6545
tsuku.uni6545

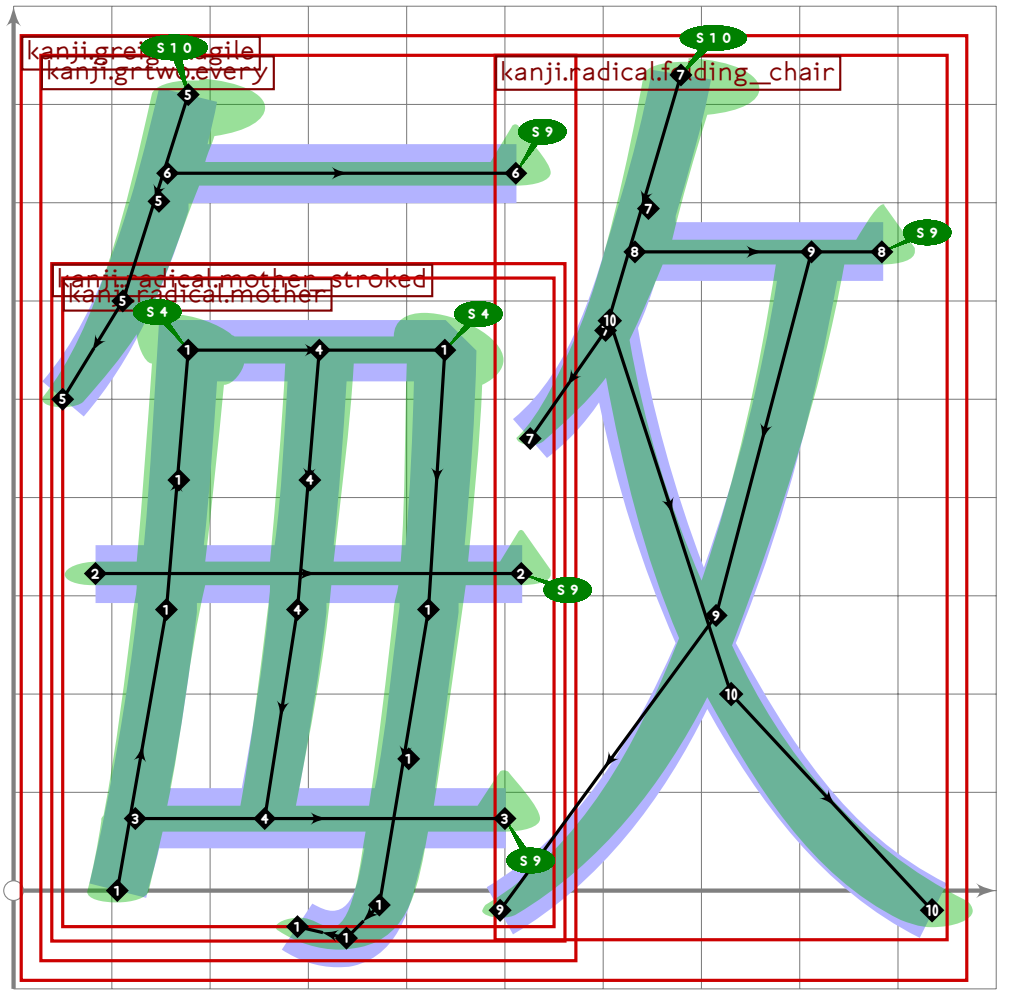



```
189
190 vardef  kanji.grfive.former =
191   push_pbox_toexpand("kanji.grfive.former");
192   build_kanji.level(build_kanji.lr(480,20)
193     (kanji.grtwo.old)
194     (kanji.radical.folding_chair));
195   expand_pbox;
196 enddef;
```

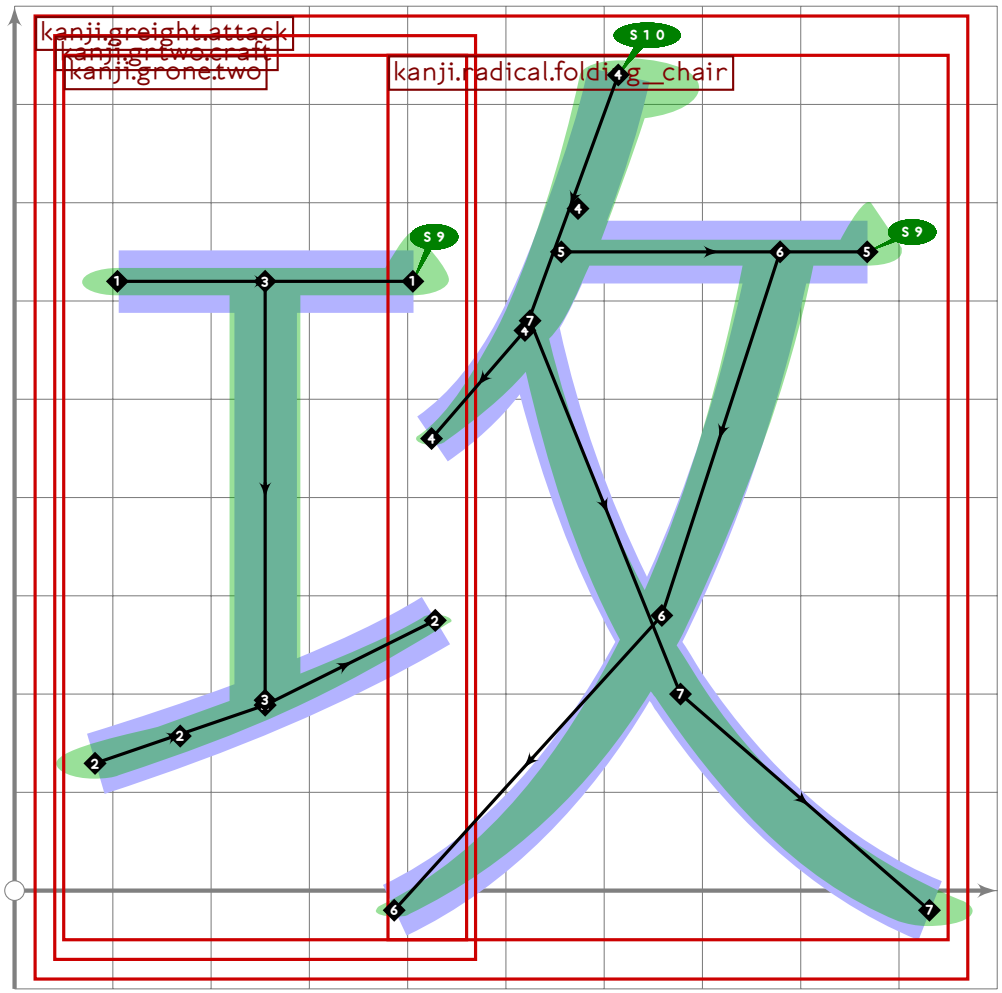



```
197
198 vardef  kanji.grfive.politics =
199   push_pbox_toexpand("kanji.grfive.politics");
200   build_kanji.level(build_kanji.lr(480,40)
201     (build_kanji.sscale(shifted  (0,-30))(build_kanji.lift_skirt(500,200)
202         (kanji.grone.correct)))
203     (kanji.radical.folding_chair));
204   expand_pbox;
205 enddef;
206
207 ---------------------------------------------------------------------------
```

U+654F
tsuku.uni654F

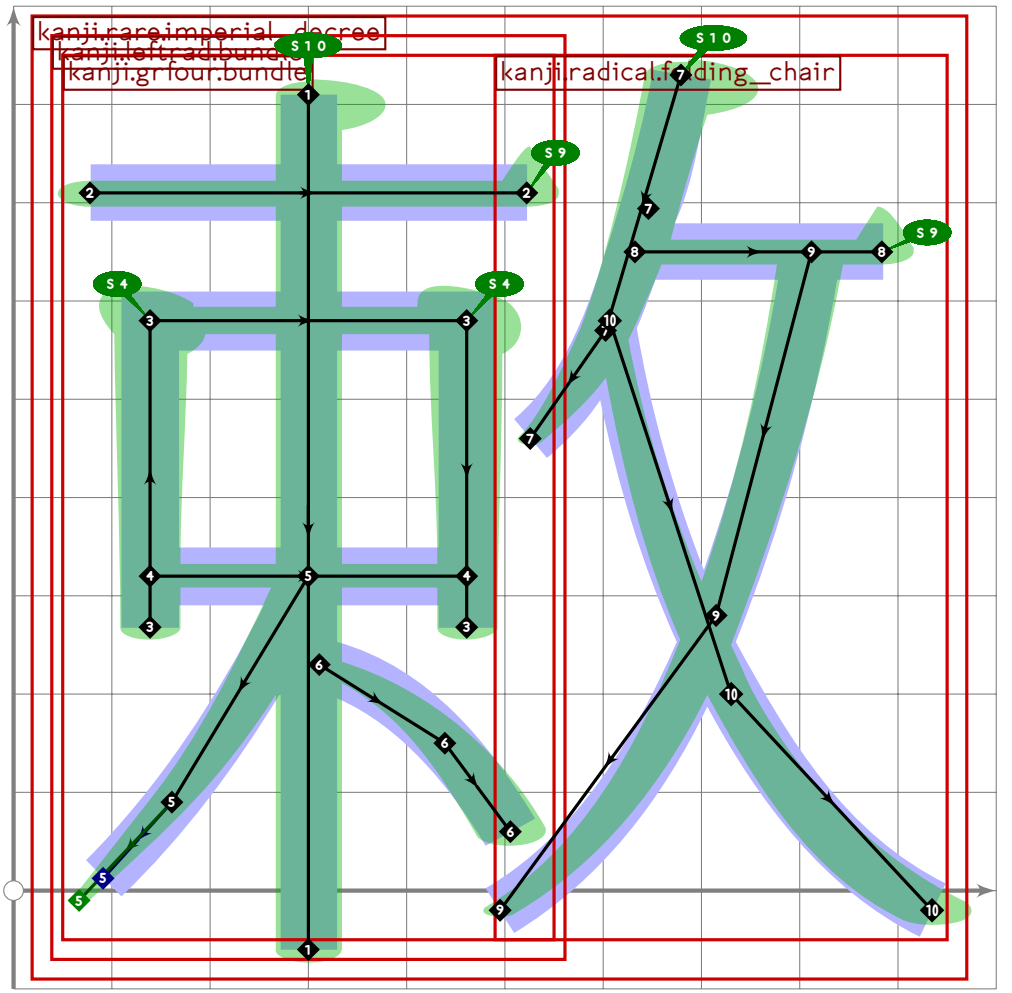



```
208
209 vardef  kanji.greight.agile =
210   push_pbox_toexpand("kanji.greight.agile");
211   build_kanji.level(build_kanji.lr(520,60)
212     (kanji.grtwo.every)
213     (kanji.radical.folding_chair));
214   expand_pbox;
215 enddef;
```




```
vardef  kanji.greight.attack =
  push_pbox_toexpand("kanji.greight.attack");
  build_kanji.level(build_kanji.lr(420,80)
    (build_kanji.lift_skirt(400,250)(kanji.grtwo.craft))
    (kanji.radical.folding_chair));
  expand_pbox;
enddef;
```

U+6555
tsuku.uni6555




```
vardef kanji.rare.imperial_decree =
  push_pbox_toexpand("kanji.rare.imperial_decree");
  build_kanji.level(build_kanji.lr(520,60)
    (kanji.leftrad.bundle)
    (kanji.radical.folding_chair));
  expand_pbox;
enddef;

---

vardef kanji.leftrad.bundle =
  push_pbox_toexpand("kanji.leftrad.bundle");
  kanji.grfour.bundle;
  replace_strokep(0)((520,230)..(750,150)..(870,60));
  expand_pbox;
enddef;

---

% shi/sasa "support"
```

```
begintsuglyph("uni652F",47);                                    [see page 779]
  kanji.grfive.support;
  tsu_render;
endtsuglyph;

% "folding chair" radical
begintsuglyph("uni6535",53);                                    [see page 835]
  kanji.radical.folding_chair;
  tsu_render;
endtsuglyph;

% kai/arata "revision"
begintsuglyph("uni6539",57);                                    [see page 2593]
  kanji.grfour.revision;
  tsu_render;
endtsuglyph;

% kou/se attack
begintsuglyph("uni653B",59);                                    [see page 2599]
  kanji.greight.attack;
  tsu_render;
endtsuglyph;

% hou/hana "release"
begintsuglyph("uni653E",62);                                    [see page 2586]
  kanji.grthree.release;
  tsu_render;
endtsuglyph;

% sei/matsurigoto politics
begintsuglyph("uni653F",63);                                    [see page 2597]
  kanji.grfive.politics;
  tsu_render;
endtsuglyph;

% ko/yue "former"
begintsuglyph("uni6545",69);                                    [see page 2596]
  kanji.grfive.former;
  tsu_render;
endtsuglyph;

% bin/satoi "agile"
begintsuglyph("uni654F",79);                                    [see page 2598]
  kanji.greight.agile;
  tsu_render;
endtsuglyph;

% kyuu/suku "rescue"
```

```
begintsuglyph("uni6551",81);                                    [see page 2592]
  kanji.grfour.rescue;
  tsu_render;
endtsuglyph;

% choku/imashi "imperial decree"
begintsuglyph("uni6555",85);                                    [see page 2600]
  kanji.rare.imperial_decree;
  tsu_render;
endtsuglyph;

% hai/yabu "failure"
begintsuglyph("uni6557",87);                                    [see page 2589]
  kanji.grfour.failure;
  tsu_render;
endtsuglyph;

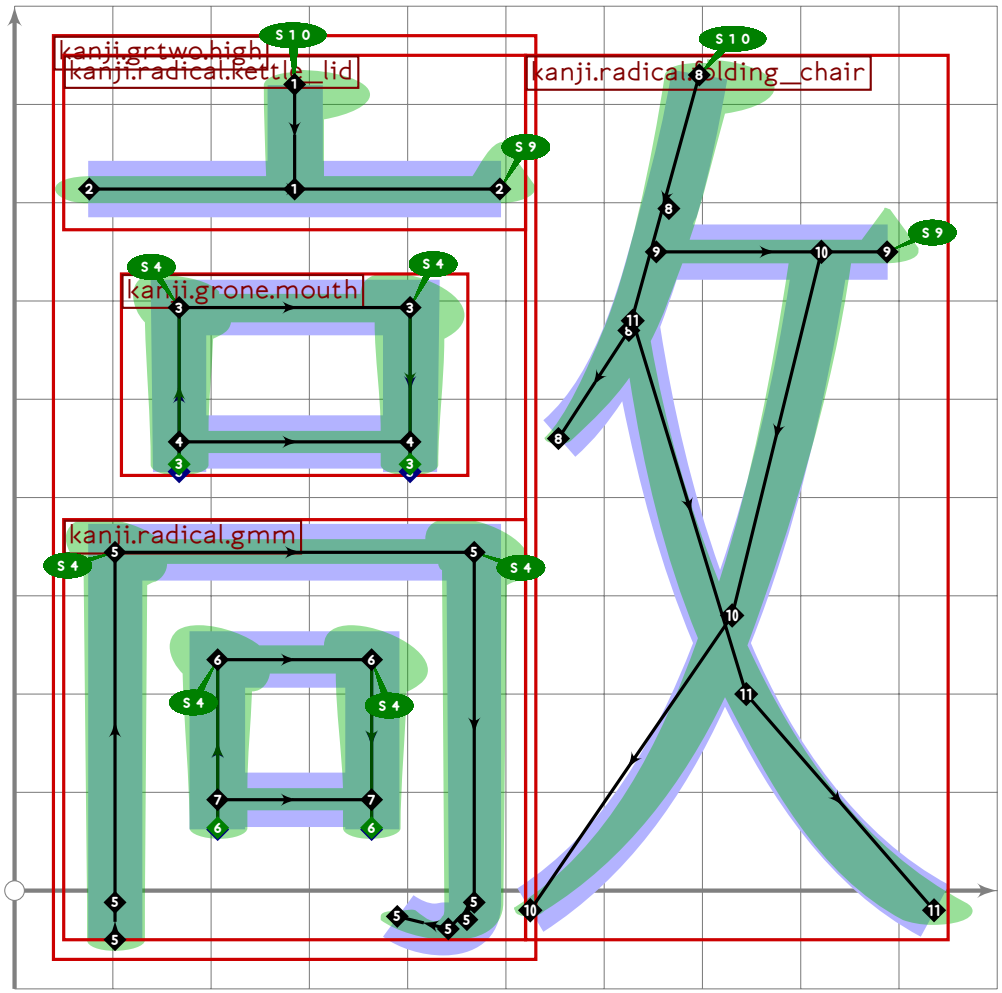
% kyou/oshi "teaching"
begintsuglyph("uni6559",89);                                    [see page 2584]
  kanji.grtwo.teaching;
  tsu_render;
endtsuglyph;

% san/chi "loose"
begintsuglyph("uni6563",99);                                     [see page 713]
  kanji.grfour.loose;
  tsu_render;
endtsuglyph;

% kei/uyama "respect"
begintsuglyph("uni656C",108);                                    [see page 800]
  kanji.grsix.respect;
  tsu_render;
endtsuglyph;

% suu/kazu "number"
begintsuglyph("uni6570",112);                                   [see page 2583]
  kanji.grtwo.number;
  tsu_render;
endtsuglyph;

```




```
% extra: kou/tata "beat or hit"
begintsuglyph("uni6572",114);
  build_kanji.level(build_kanji.lr(520,0)
    (kanji.grtwo.high)
    (kanji.radical.folding_chair));
  tsu_render;
endtsuglyph;

% sei/totono "organize"
begintsuglyph("uni6574",116);                                [see page 2585]
  kanji.grthree.organize;
  tsu_render;
endtsuglyph;

% teki/kataki "enemy"
begintsuglyph("uni6575",117);                                [see page 2595]
  kanji.grfive.enemy;
  tsu_render;
endtsuglyph;

% bun/fumi "sentence"
```

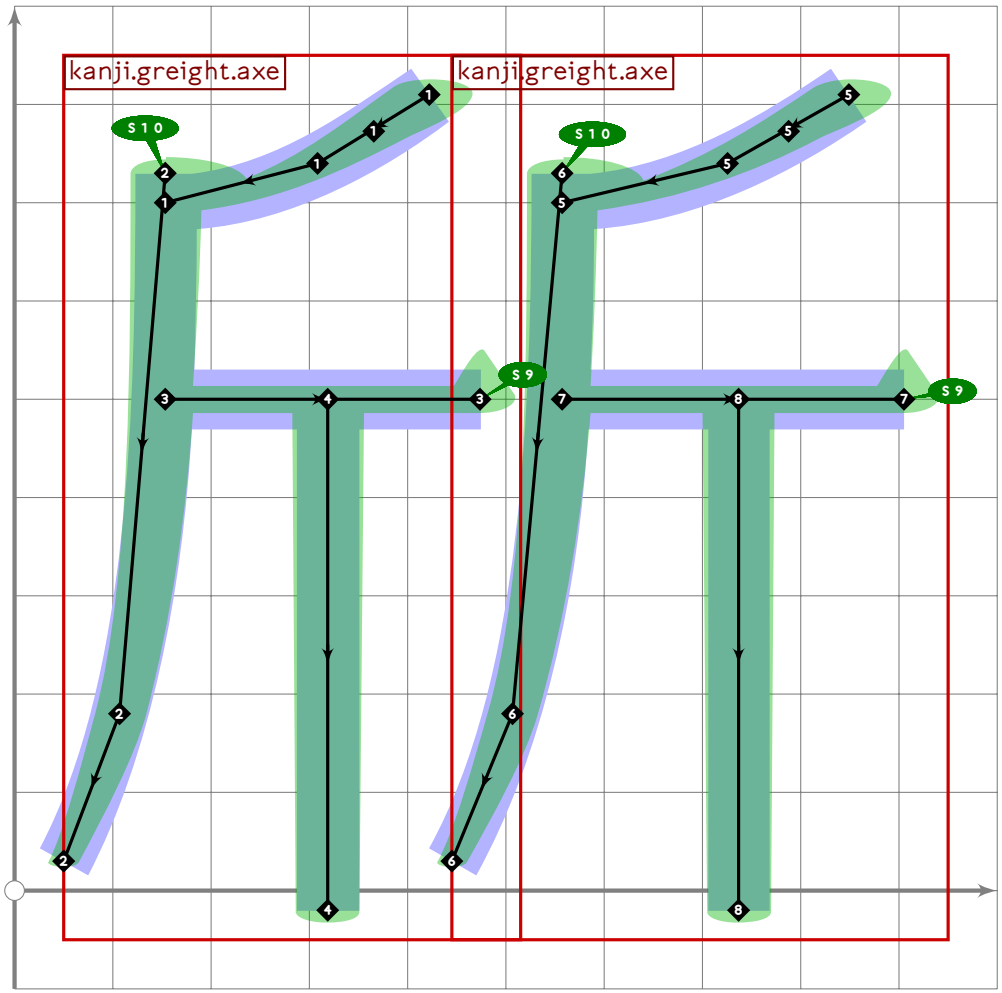
```
begintsuglyph("uni6587",135);                                   [see page 471]
  kanji.grone.sentence;
  tsu_render;
endtsuglyph;

% to/masu "dipper"
begintsuglyph("uni6597",151);                                   [see page 893]
  kanji.greight.dipper;
  tsu_render;
endtsuglyph;

% ryou "fee" (also "cooking" in compound words)
begintsuglyph("uni6599",153);                                   [see page 2590]
  kanji.grfour.fee;
  tsu_render;
endtsuglyph;

% kin/ono "axe"
begintsuglyph("uni65A4",164);                                   [see page 881]
  kanji.greight.axe;
  tsu_render;
endtsuglyph;

```




```
% extra
begintsuglyph("uni65A6",166);
  build_kanji.level(build_kanji.lr(480,70)
    (kanji.greight.axe)
    (kanji.greight.axe));
  tsu_render;
endtsuglyph;

% zan/ki "decapitate
begintsuglyph("uni65AC",172);                                  [see page 890]
  kanji.greight.decapitate;
  tsu_render;
endtsuglyph;

% dan/tatsu "decision"
begintsuglyph("uni65AD",173);                                  [see page 2594]
  kanji.grfive.decision;
  tsu_render;
endtsuglyph;

% shin/atara "new"
```

```
begintsuglyph("uni65B0",176);                                    [see page 2582]
  kanji.grtwo.new;
  tsu_render;
endtsuglyph;

% hou/kata "direction" or "how to do it"
begintsuglyph("uni65B9",185);                                    [see page 509]
  kanji.grtwo.direction;
  tsu_render;
endtsuglyph;

% needed for "play"
begintsuglyph("uni65BF",191);                                    [see page 1047]
  kanji.rare.swim;
  tsu_render;
endtsuglyph;

% ryo/tabi "travel"
begintsuglyph("uni65C5",197);                                    [see page 2587]
  kanji.grthree.travel;
  tsu_render;
endtsuglyph;

% zoku "tribe"
begintsuglyph("uni65CF",207);                                    [see page 2588]
  kanji.grthree.tribe;
  tsu_render;
endtsuglyph;

% ki/hata "flag"
begintsuglyph("uni65D7",215);                                    [see page 2591]
  kanji.grfour.flag;
  tsu_render;
endtsuglyph;

% ki/sude "already"
begintsuglyph("uni65E2",226);                                    [see page 880]
  kanji.greight.already;
  tsu_render;
endtsuglyph;

% hi/nichi "day"
begintsuglyph("uni65E5",229);                                    [see page 429]
  kanji.grone.day;
  tsu_render;
endtsuglyph;

% tan/aki "daybreak"
```

```
begintsuglyph("uni65E6",230);                                   [see page 889]
  kanji.greight.daybreak;
  tsu_render;
endtsuglyph;

% kyuu/furu "old times"
begintsuglyph("uni65E7",231);                                   [see page 766]
  kanji.grfive.old_times;
  tsu_render;
endtsuglyph;

% shi/mune/uma "vaguely good" or "uma" in "umami"
begintsuglyph("uni65E8",232);                                   [see page 901]
  kanji.greight.glutamate;
  tsu_render;
endtsuglyph;

% hayaku "early"
begintsuglyph("uni65E9",233);                                   [see page 433]
  kanji.grone.early;
  tsu_render;
endtsuglyph;

---

endfont;

---
```