

作りましょう 0.11

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 0.11

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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Volume XI

U+6A00 to U+79FF

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tsuku-78.mp **78**

tsuku-79.mp **79**



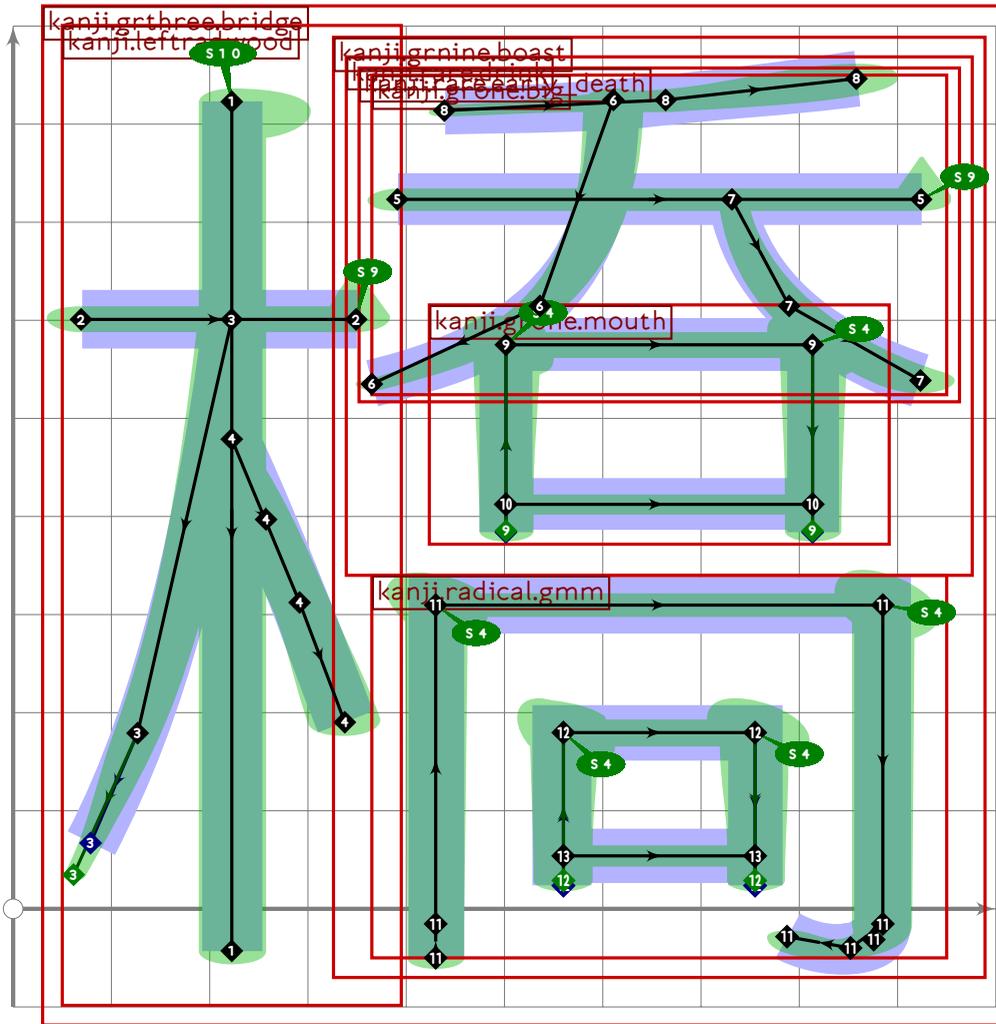
```
1 %
2 % Unicode page 6A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017, 2018, 2019,
4 % 2021 Matthew Skala
5 %
6-30 [Standard copyright notice]
31
32 

---

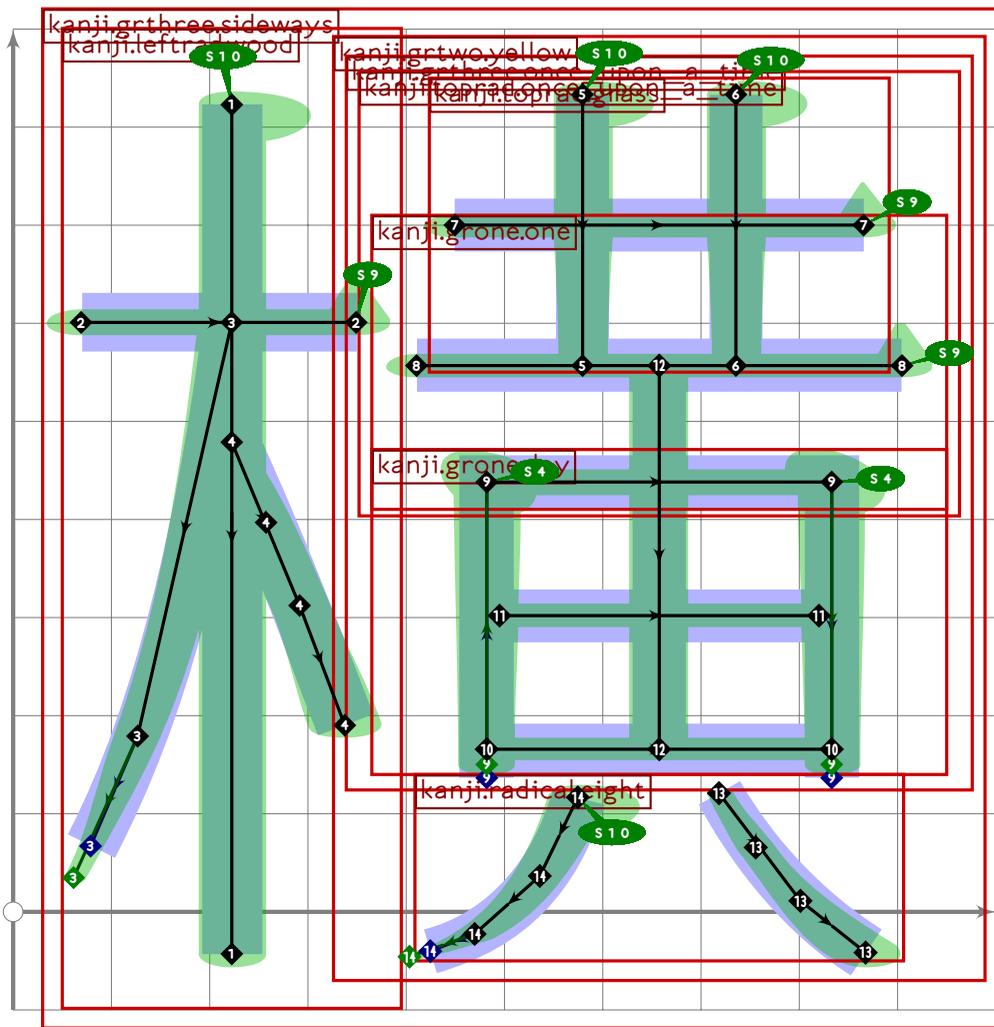

33
34 beginfont
35
36 % AUTODEPS
37 input bkencl.mp;
38 input bottomrad.mp;
39 input buildkanji.mp;
40 input gradeeight.mp;
41 input gradefive.mp;
42 input gradefour.mp;
43 input gradenine.mp;
44 input gradeone.mp;
45 input gradesix.mp;
46 input gradethree.mp;
47 input gradetwo.mp;
48 input leftrad.mp;
49 input radical.mp;
50 input rare.mp;
51 input rightrad.mp;
52 input toprad.mp;
53
54 do_late_includes;
55
56 

---


```



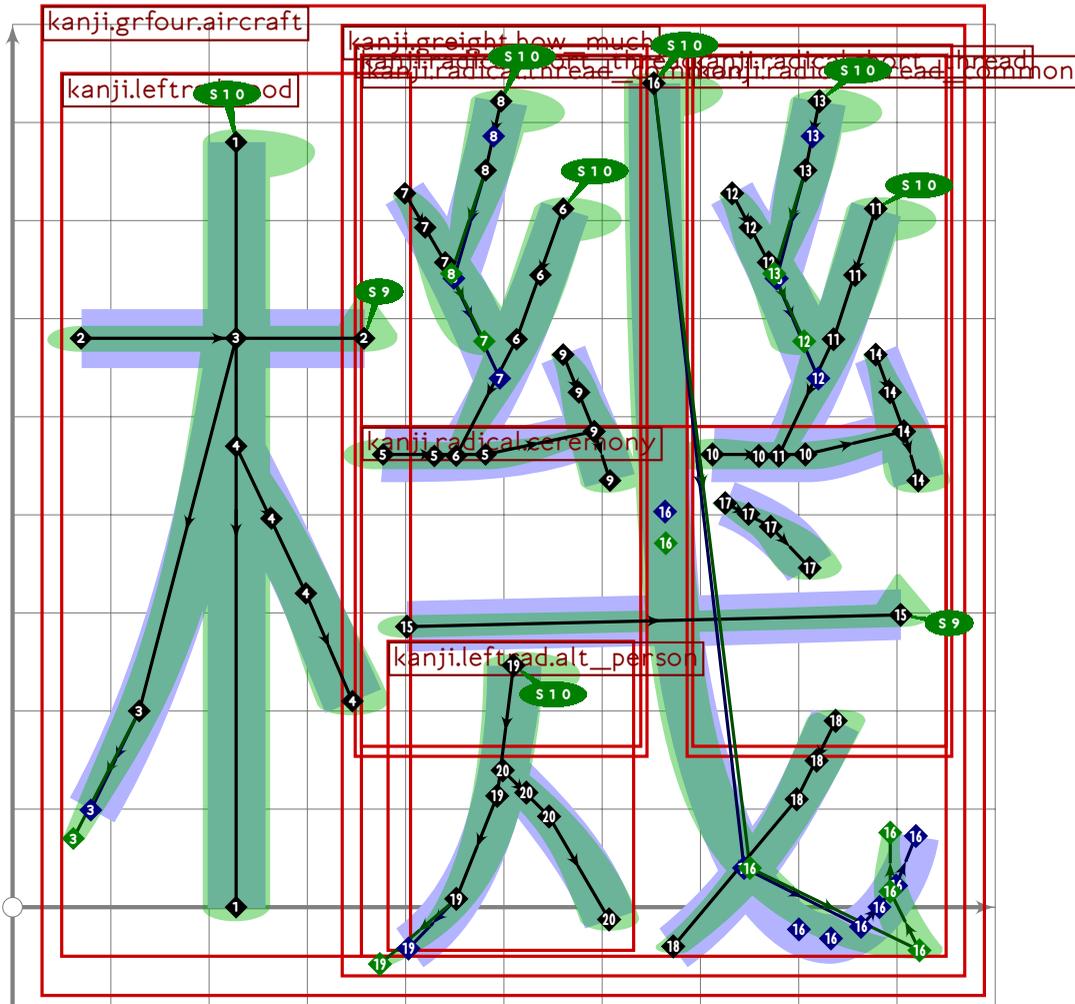
```
57  
58 vardef kanji.grthree.bridge =  
59   push_pbox_toexpand("kanji.grthree.bridge");  
60   build_kanji.lr(380,30)  
61     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))  
62     (kanji.grnine.boast);  
63   expand_pbox;  
64 enddef;
```



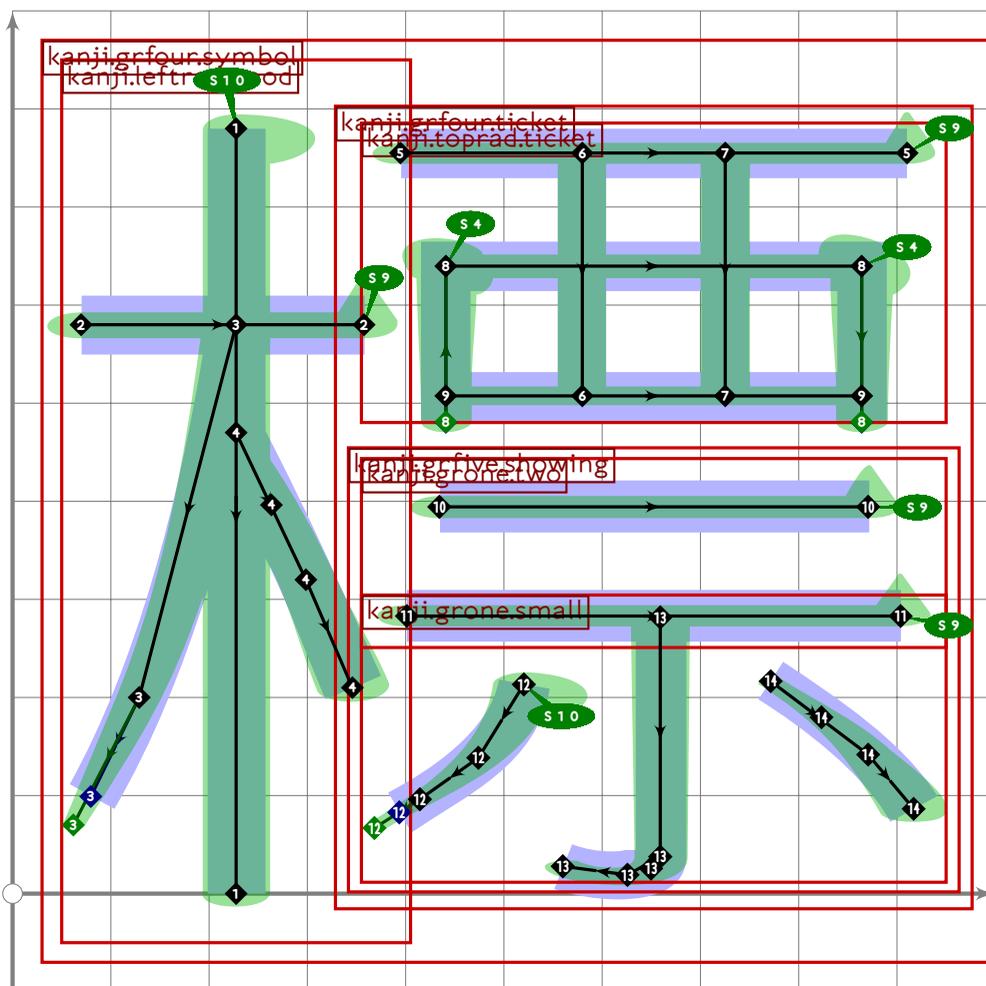
```

65
66 vardef kanji.grthree.sideways =
67   push_pbox_toexpand("kanji.grthree.sideways");
68   build_kanji.lr(380,30)
69     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
70     (kanji.grtwo.yellow);
71   expand_pbox;
72 enddef;
73
74

```



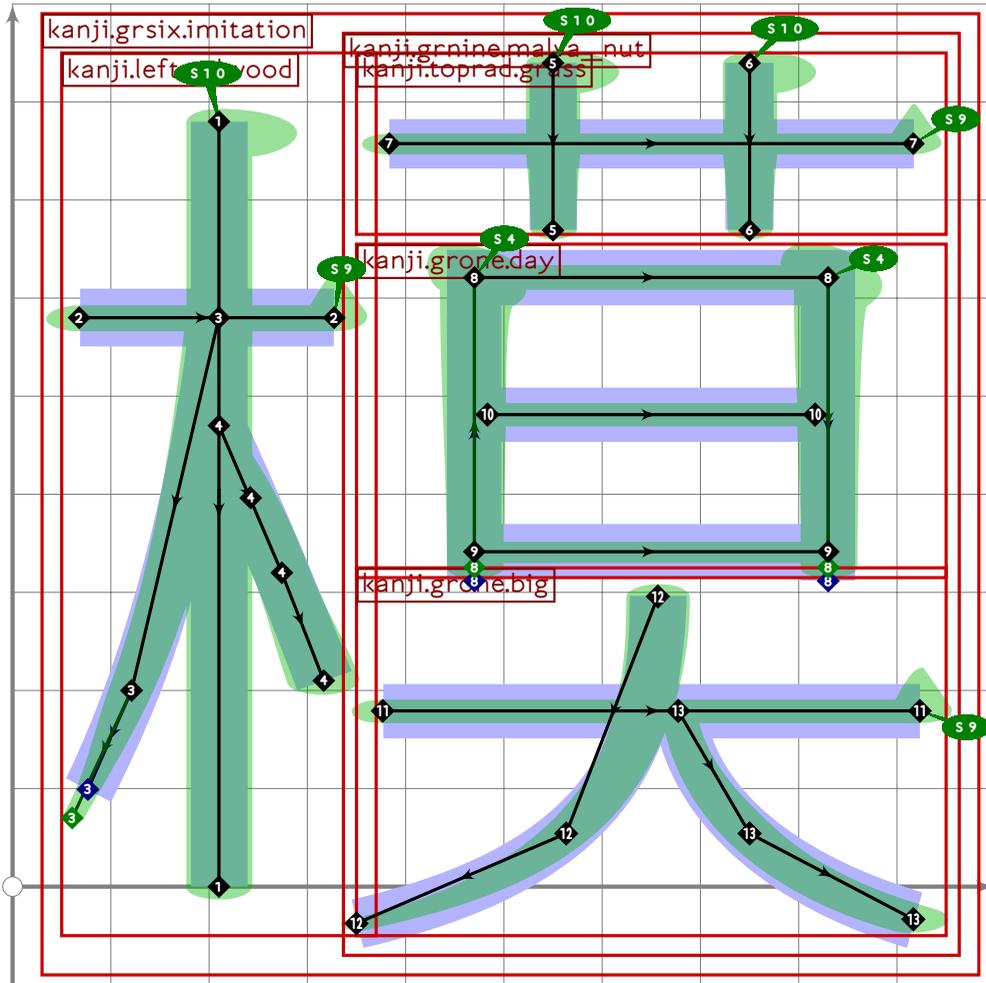
```
75  
76 vardef kanji.grfour.aircraft =  
77   push_pbox_toexpand("kanji.grfour.aircraft");  
78   build_kanji.lr(380,50)  
79     (kanji.leftrad.wood)  
80     (kanji.greight.how_much);  
81   expand_pbox;  
82 enddef;
```



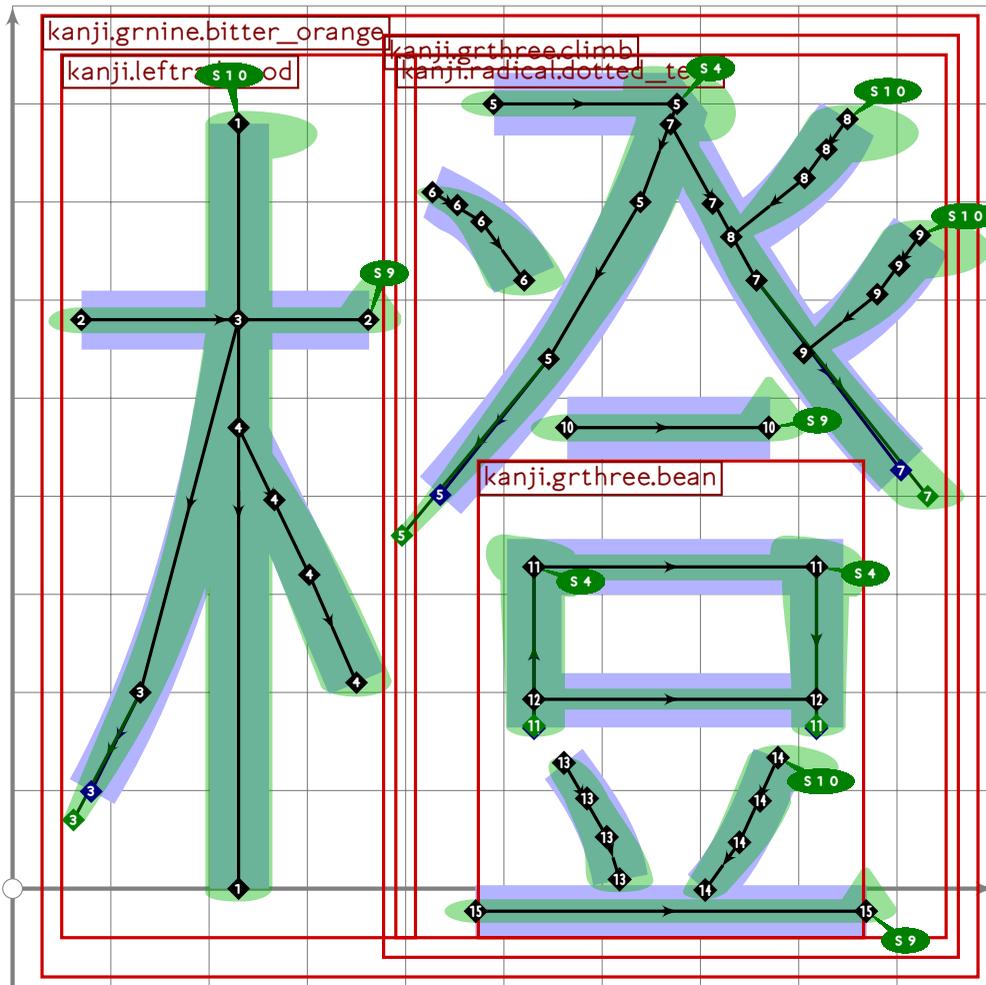
```

83
84 vardef kanji.grfour.symbol =
85   push_pbox_toexpand("kanji.grfour.symbol");
86   build_kanji.lr(380,50)
87     (kanji.leftrad.wood)
88     (build_kanji.sscale(yscaled 0.86)(kanji.grfour.ticket));
89   expand_pbox;
90 enddef;
91
92

```



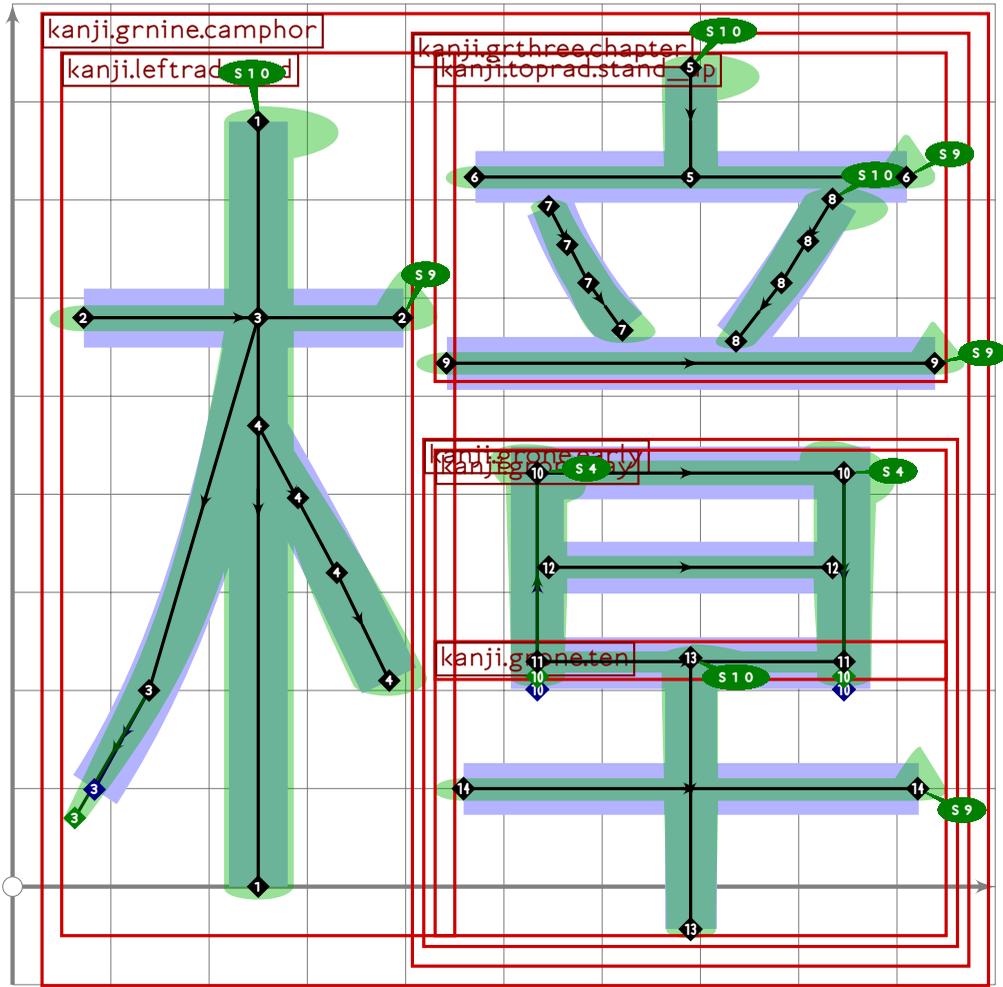
```
93  
94 vardef kanji.grsix.imitation =  
95   push_pbox_toexpand("kanji.grsix.imitation");  
96   build_kanji.lr(360,20)  
97     (kanji.leftrad.wood)  
98     (kanji.grnine.malva_nut);  
99   expand_pbox;  
100 enddef;  
101  
102
```



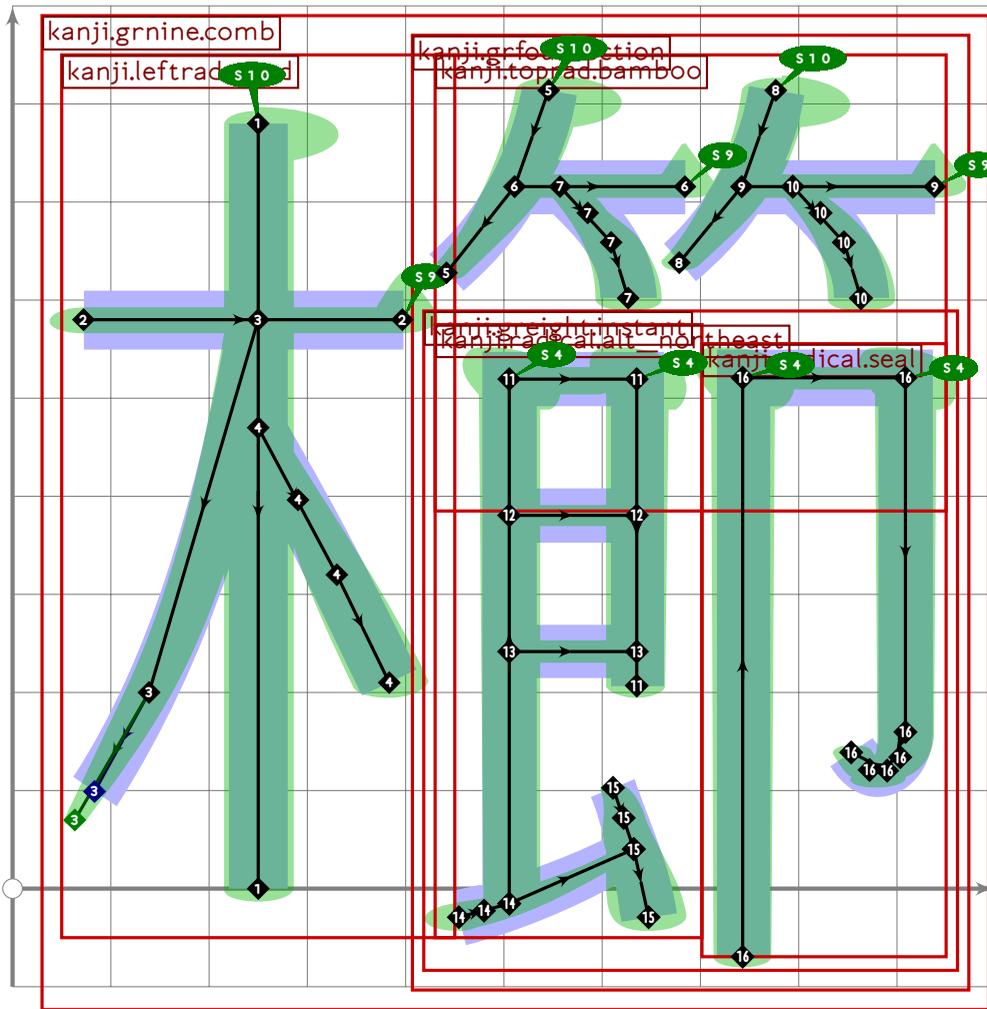
```

103
104 vardef kanji.grnine.bitter_orange =
105   push_pbox_toexpand("kanji.grnine.bitter_orange");
106   build_kanji.lr(400,20)
107     (kanji.leftrad.wood)
108     (kanji.grthree.climb);
109   expand_pbox;
110 enddef;

```



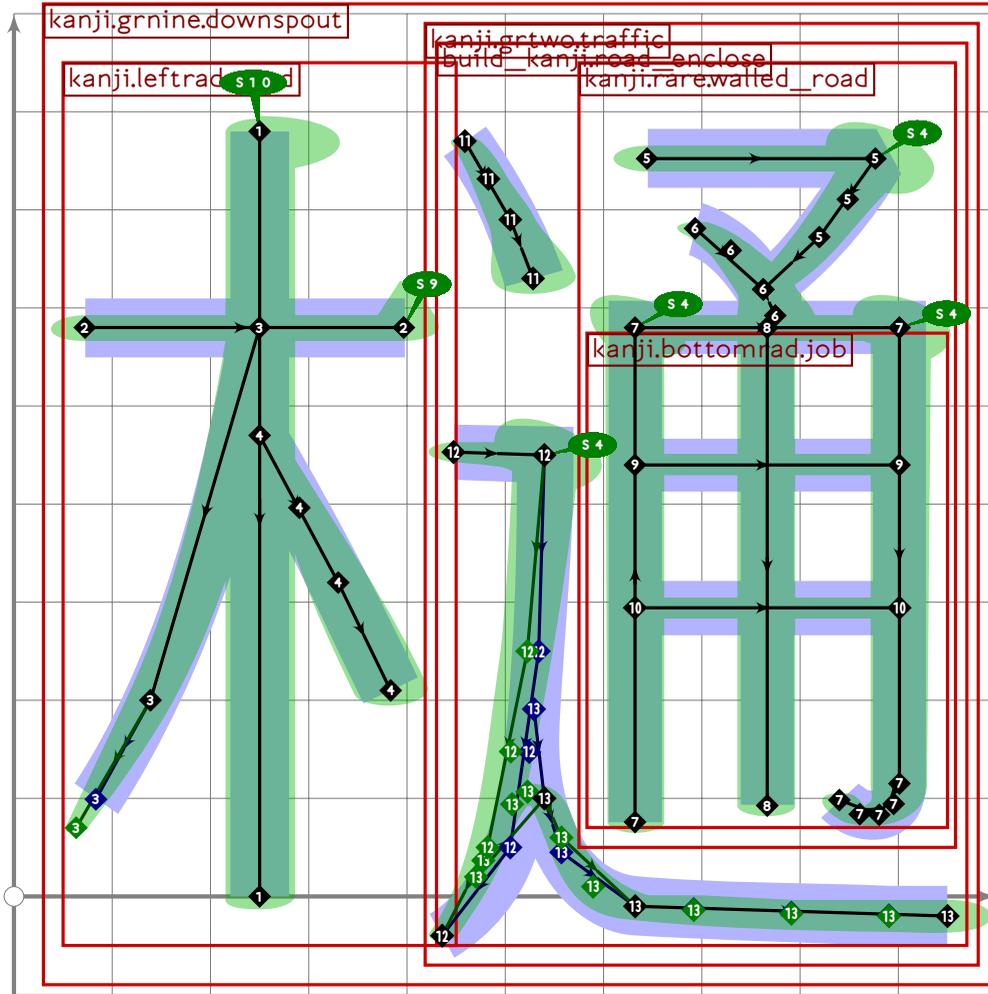
```
111  
112 vardef kanji.grnine.camphor =  
113   push_pbox_toexpand("kanji.grnine.camphor");  
114   build_kanji.lr(440,20)  
115     (kanji.leftrad.wood)  
116     (kanji.grthree.chapter);  
117   expand_pbox;  
118 enddef;
```



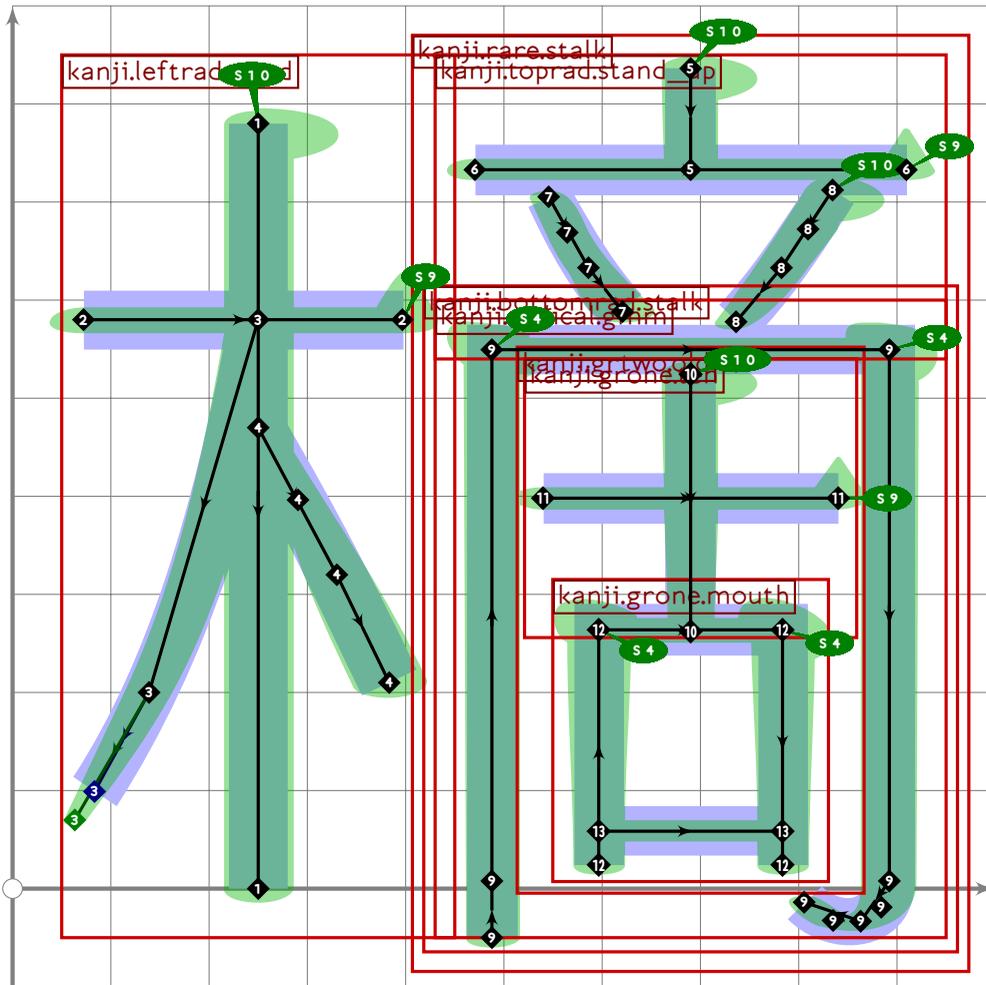
```

119
120 vardef kanji.grnine.comb =
121   push_pbox_toexpand("kanji.grnine.comb");
122   build_kanji.lr(440,20)
123     (kanji.leftrad.wood)
124     (kanji.grfour.section);
125   expand_pbox;
126 enddef;

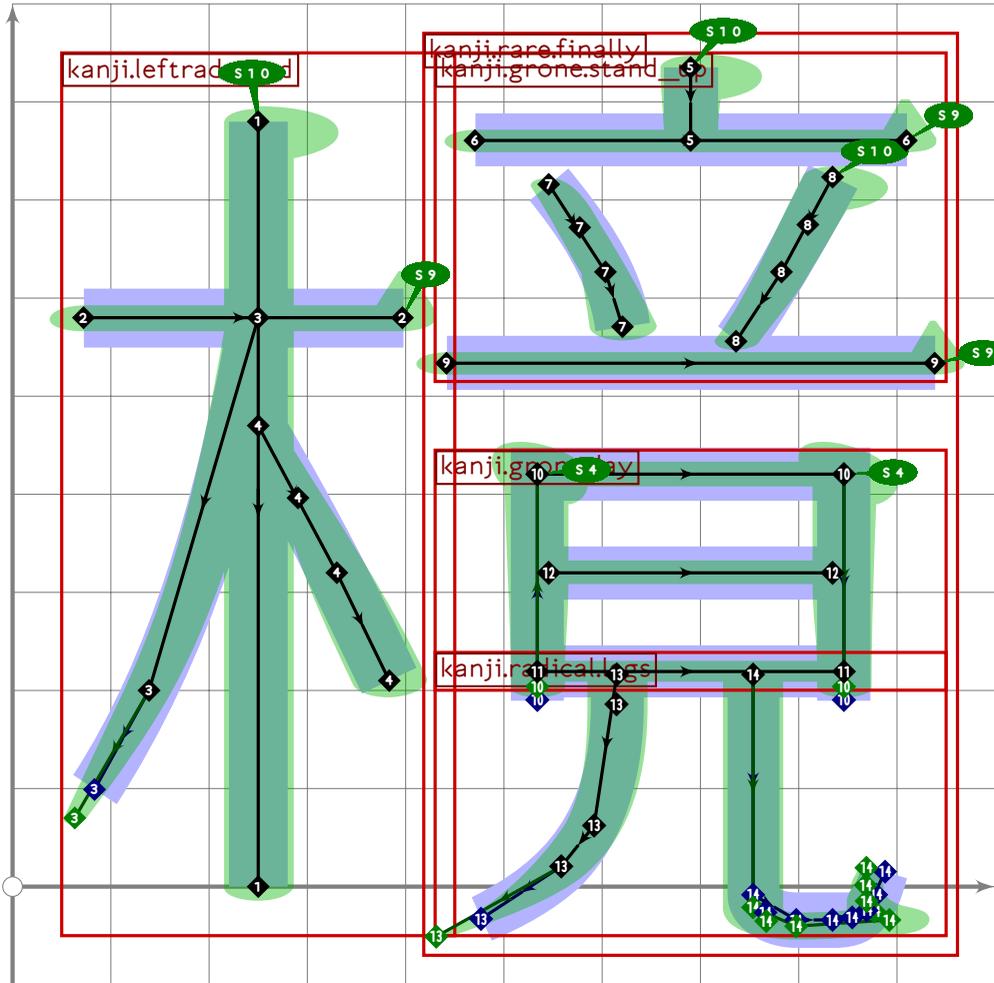
```



```
127  
128 vardef kanji.grnine.downspout =  
129   push_pbox_toexpand("kanji.grnine.downspout");  
130   build_kanji.lr(440,20)  
131     (kanji.leftrad.wood)  
132     (kanji.grtwo.traffic);  
133   expand_pbox;  
134 enddef;  
135  
136  
137
```



```
138 % extra
139 begintsuglyph("uni6A00";0);
140 build_kanji.lr(440,20)
141 (kanji.leftrad.wood)
142 (kanji.rare.stalk);
143 tsu_render;
144 endtsuglyph;
145
```

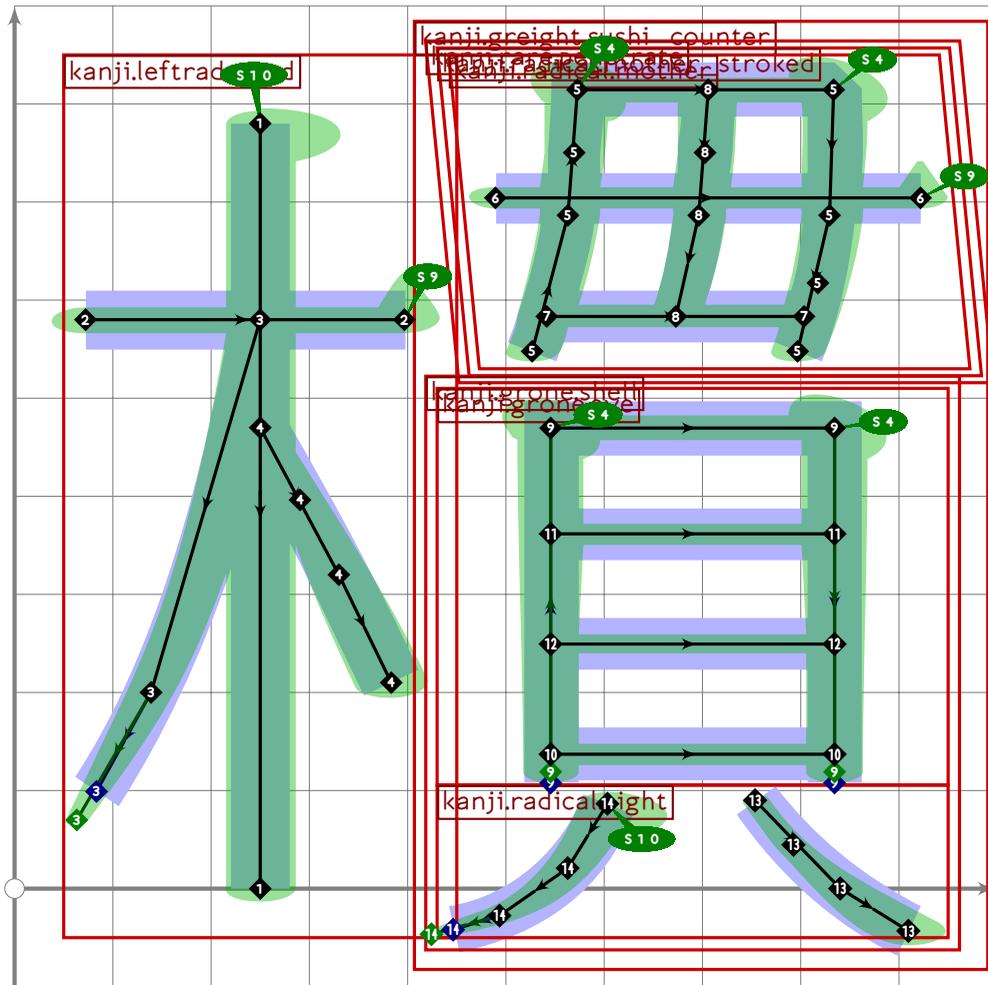


```

146 % extra
147 begintsuglyph("uni6A08";8);
148 build_kanji.lr(440,20)
149 (kanji.leftrad.wood)
150 (kanji.rare.finally);
151 tsu_render;
152 endtsuglyph;
153
154 % tou/hi "downspout"
155 begintsuglyph("uni6A0B";11);
156 kanji.grnine.downspout;
157 tsu_render;
158 endtsuglyph;
159

```

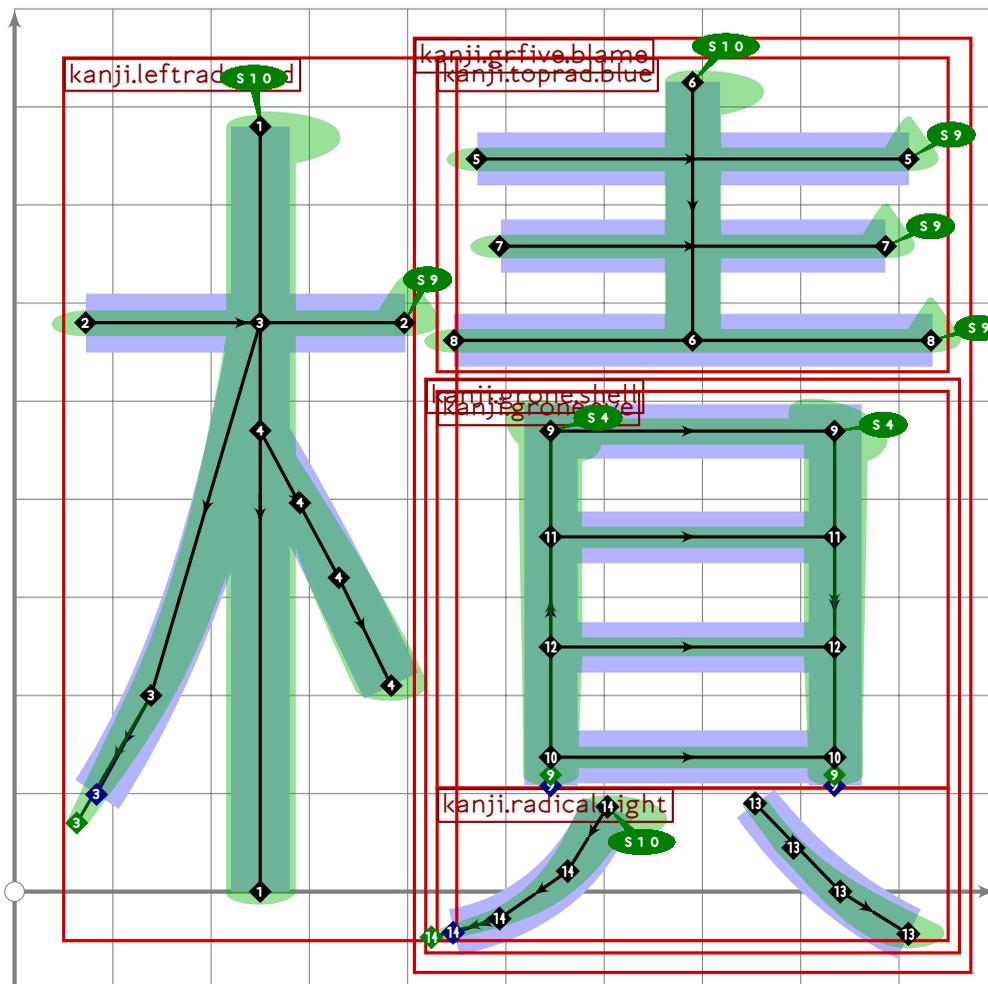
[see page 3328]



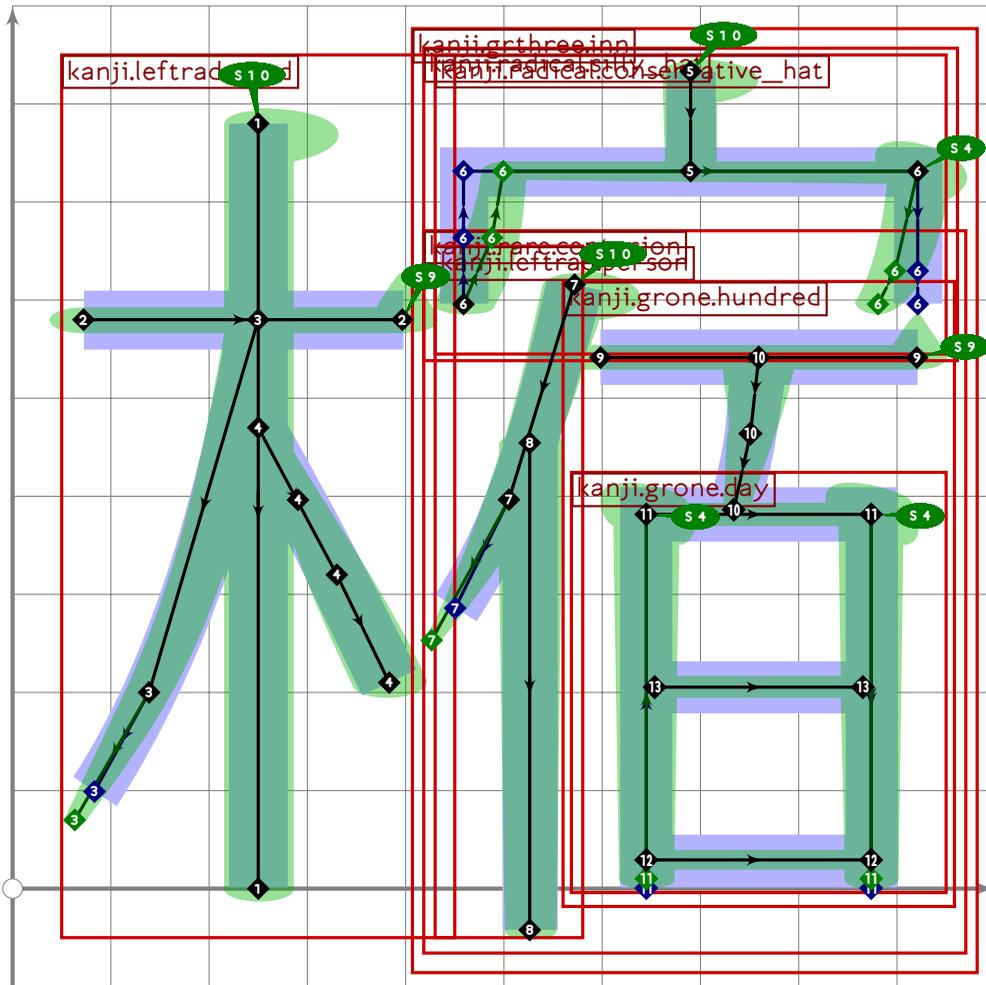
```

160 % extra: kan "grove"
161 begintsuglyph("uni6A0C";12);
162 build_kanji.lr(440,20)
163 (kanji.leftrad.wood)
164 (kanji.greight.sushi_counter);
165 tsu_render;
166 endtsuglyph;
167

```



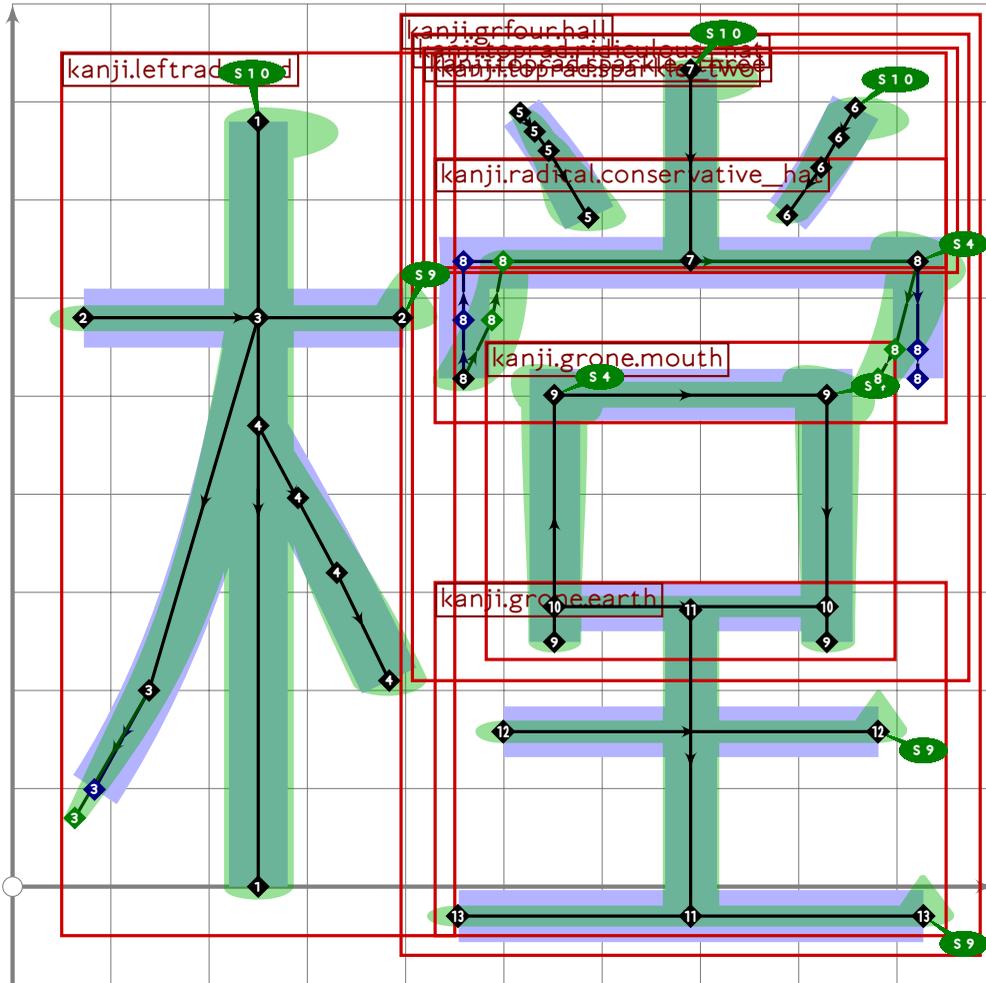
```
168 % extra
169 begintsuglyph("uni6A0D";13);
170 build_kanji.lr(440,20)
171 (kanji.leftrad.wood)
172 (kanji.grfive.blame);
173 tsu_render;
174 endtsuglyph;
175
```



```

176 % extra
177 begintsuglyph("uni6A0E";14);
178   build_kanji.lr(440,20)
179     (kanji.leftrad.wood)
180     (kanji.grthree.inn);
181   tsu_render;
182 endtsuglyph;
183

```



```

184 % extra
185 begintsuglyph("uni6A18";24);
186 build_kanji.lr(440,20)
187 (kanji.leftrad.wood)
188 (kanji.grfour.hall);
189 tsu_render;
190 endtsuglyph;
191
192 % hyou/shirobe "symbol"
193 begintsuglyph("uni6A19";25);
194 kanji.grfour.symbol;
195 tsu_render;
196 endtsuglyph;
197
198 % shou/kusu "camphor"
199 begintsuglyph("uni6A1F";31);
200 kanji.grnine.camphor;
201 tsu_render;
202 endtsuglyph;
203
204 % mo/gami "imitation"

```

[see page 3323]

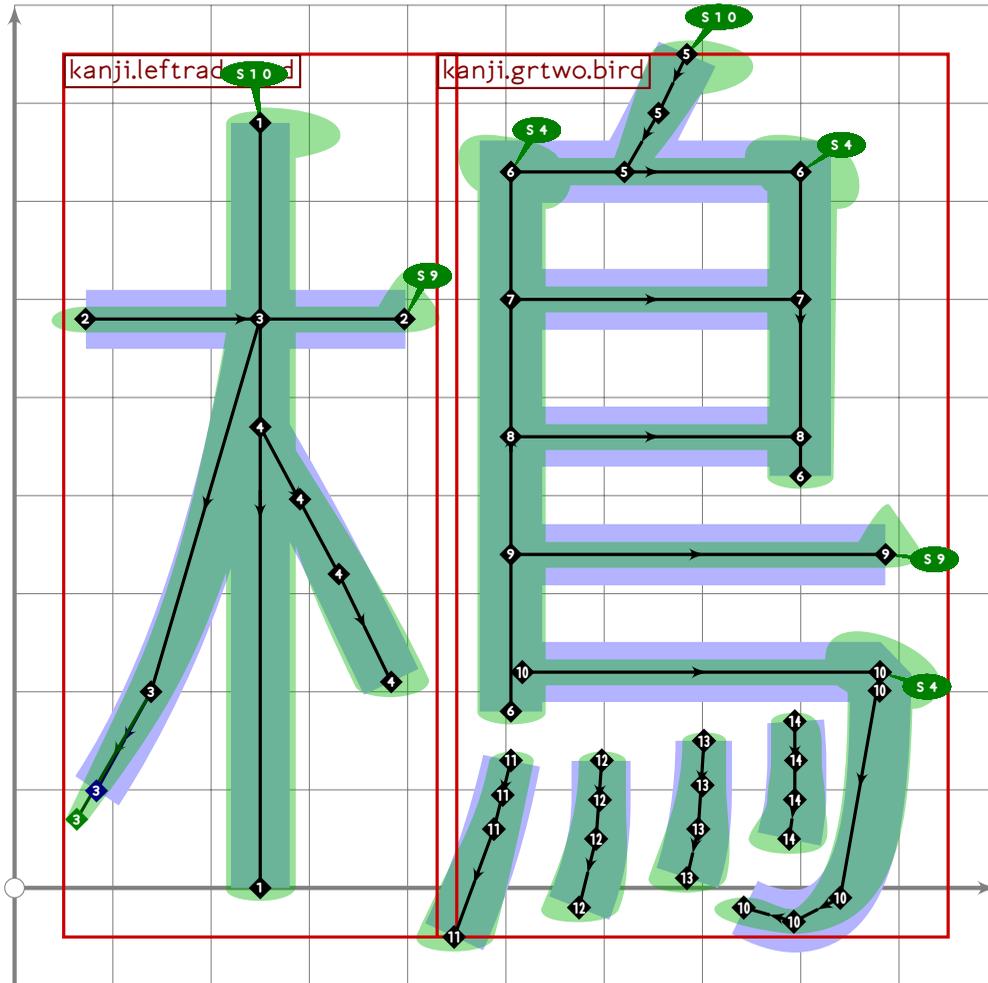
[see page 3326]

[see page 3324]

```

205 begintsuglyph("uni6A21";33);
206 kanji.grsix.imitation;
207 tsu_render;
208 endtsuglyph;
209

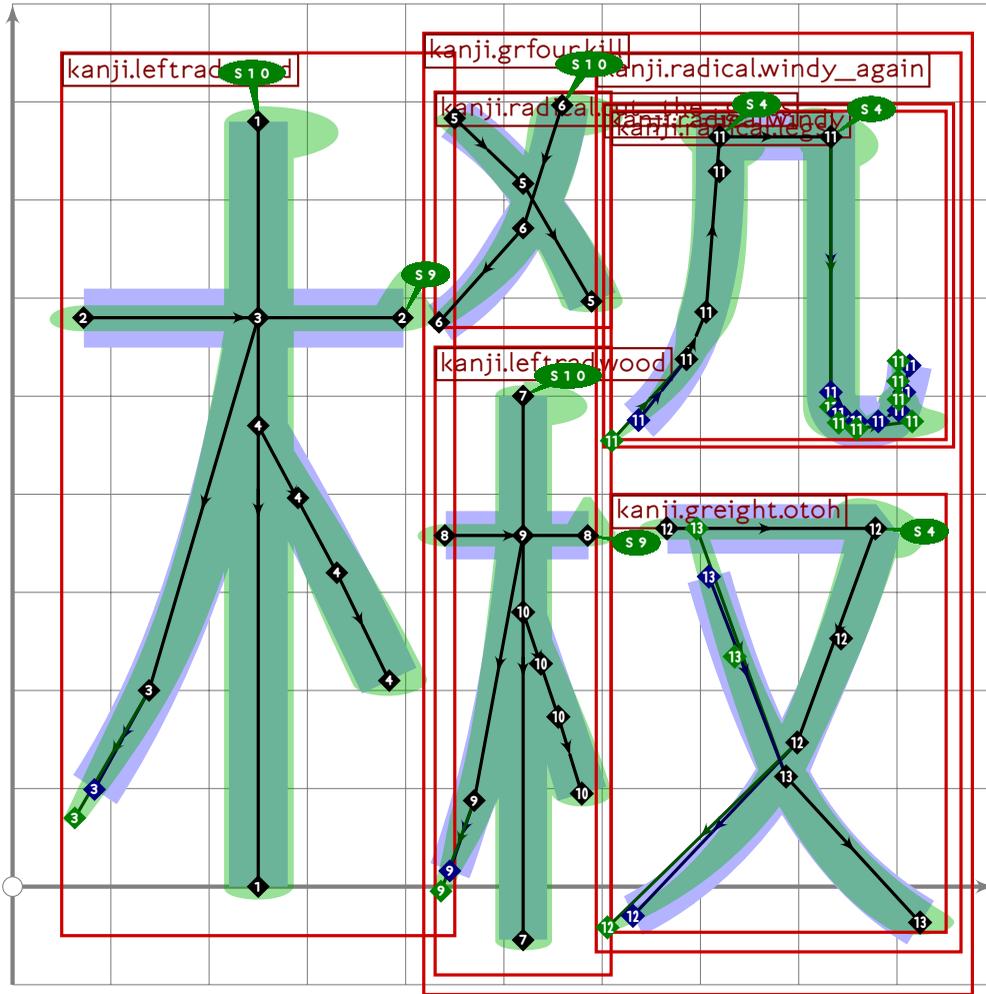
```



```

210 % extra: to/tsuta "type of bird/vine"
211 begintsuglyph("uni6A22";34);
212 build_kanji.lr(440,20)
213 (kanji.leftrad.wood)
214 (kanji.grtwo.bird);
215 tsu_render;
216 endtsuglyph;
217

```

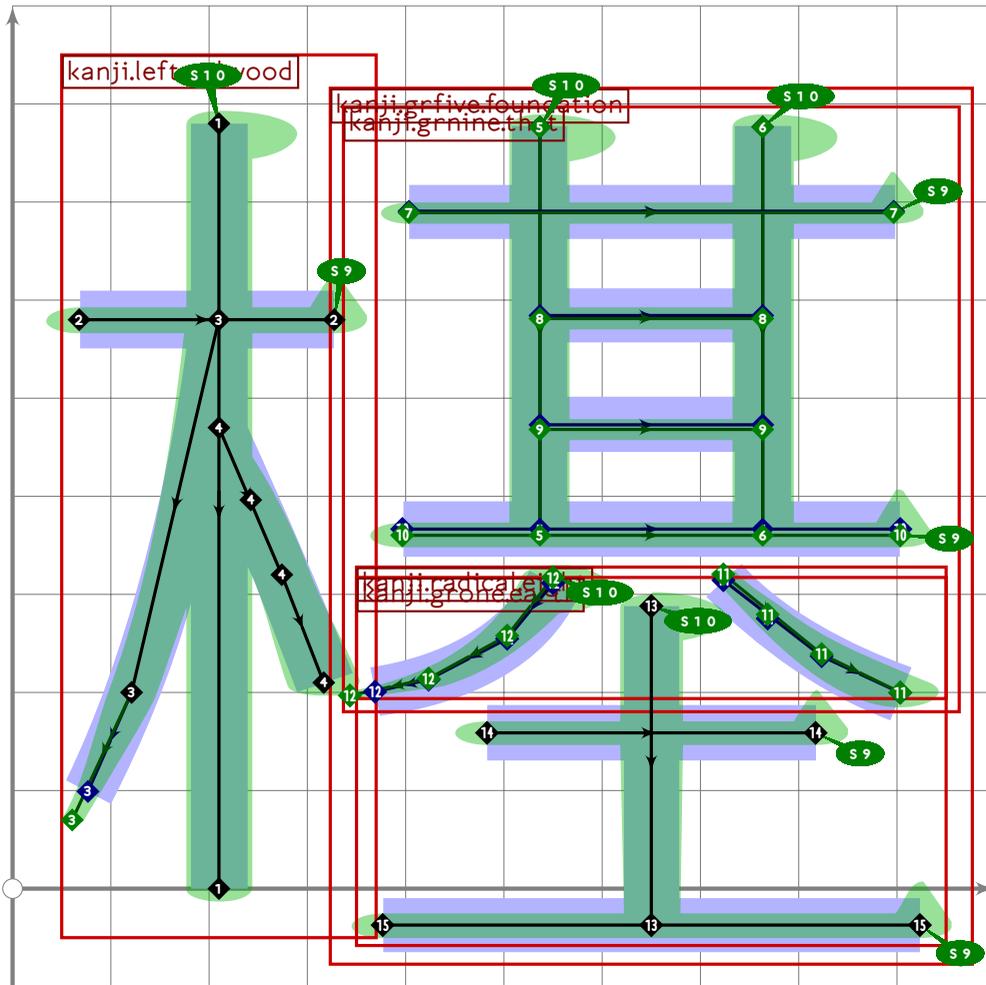


```

218 % extra
219 begintsuglyph("uni6A27";39);
220 build_kanji.lr(440,20)
221 (kanji.leftrad.wood)
222 (kanji.grfour.kill);
223 tsu_render;
224 endsuglyph;
225
226 % ou/yoku "sideways"
227 begintsuglyph("uni6A2A";42);
228 kanji.grthree.sideways;
229 tsu_render;
230 endsuglyph;
231

```

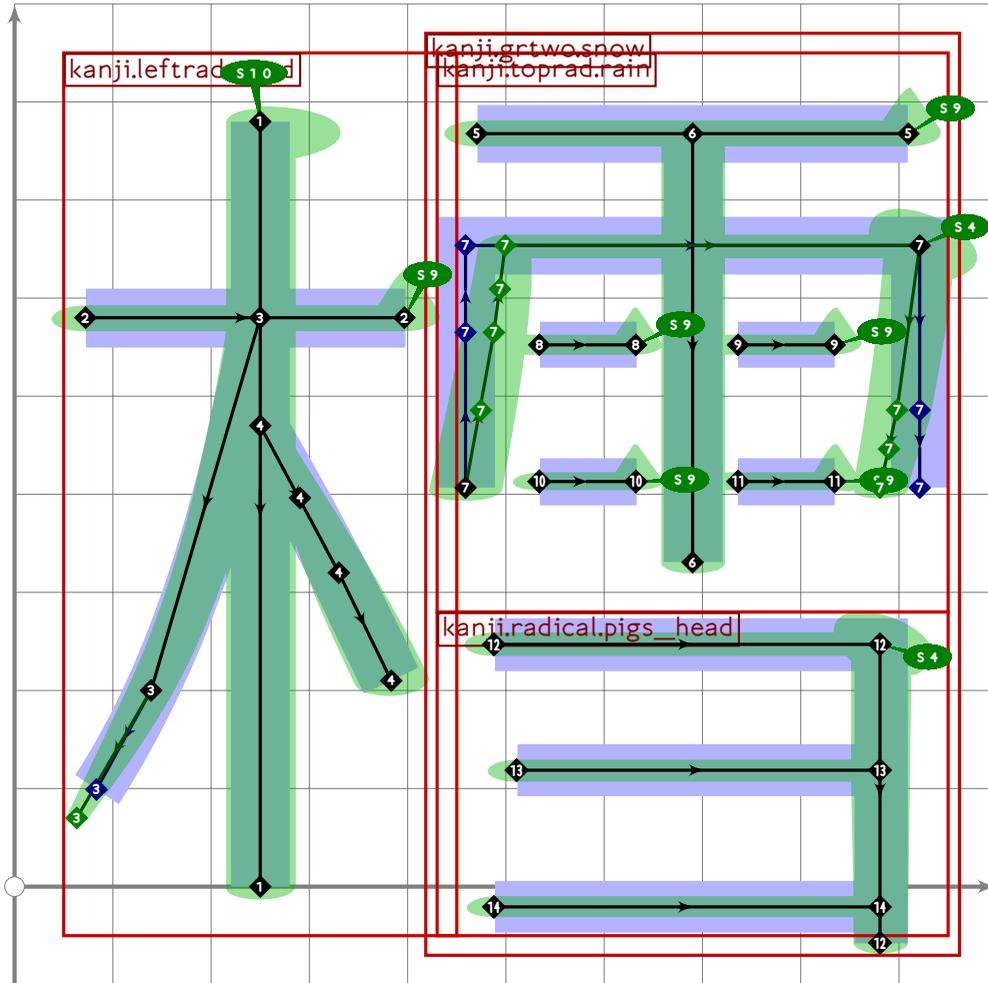
[see page 3321]



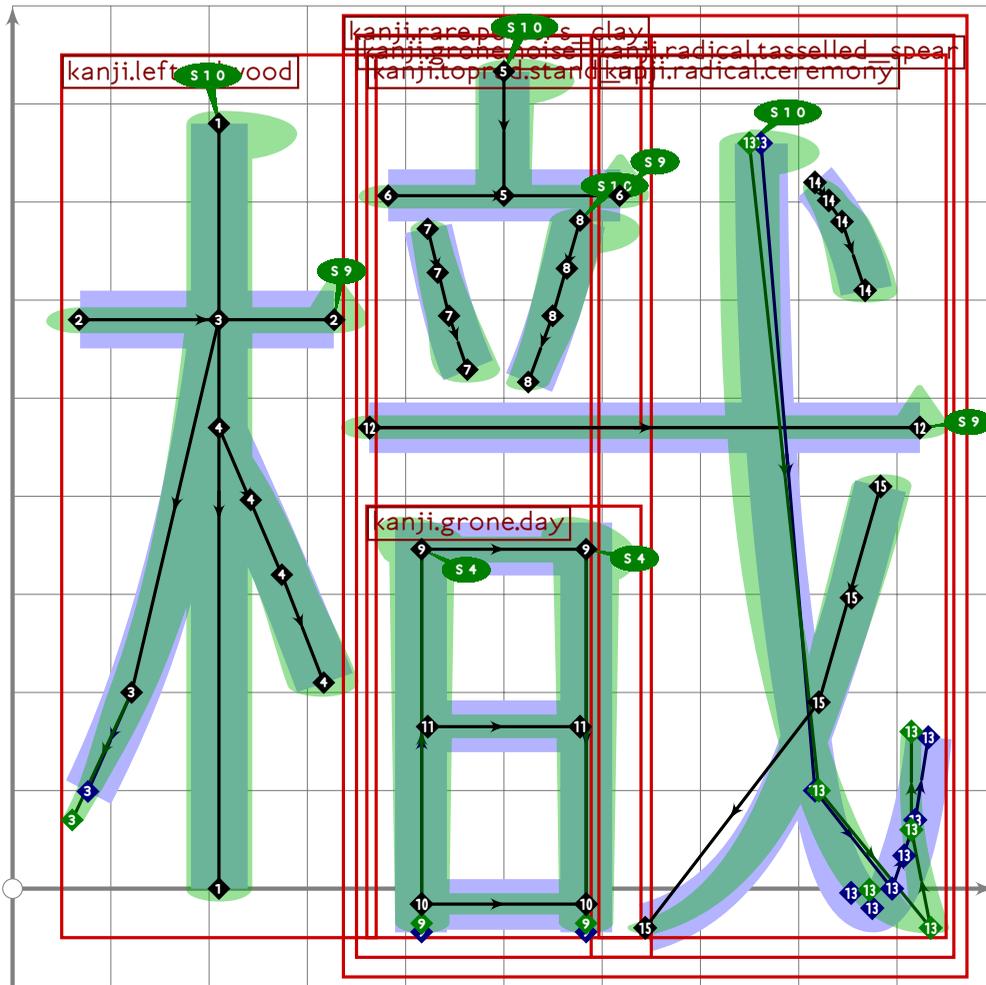
```

232 % extra
233 begintsuglyph("uni6A2D";45);
234 build_kanji.lr(360,20)
235 (kanji.leftrad.wood)
236 (build_kanji.sscale(yscaled 0.95 shifted (0;-30))
237 (kanji.grfive.foundation));
238 tsu_render;
239 endtsuglyph;
240

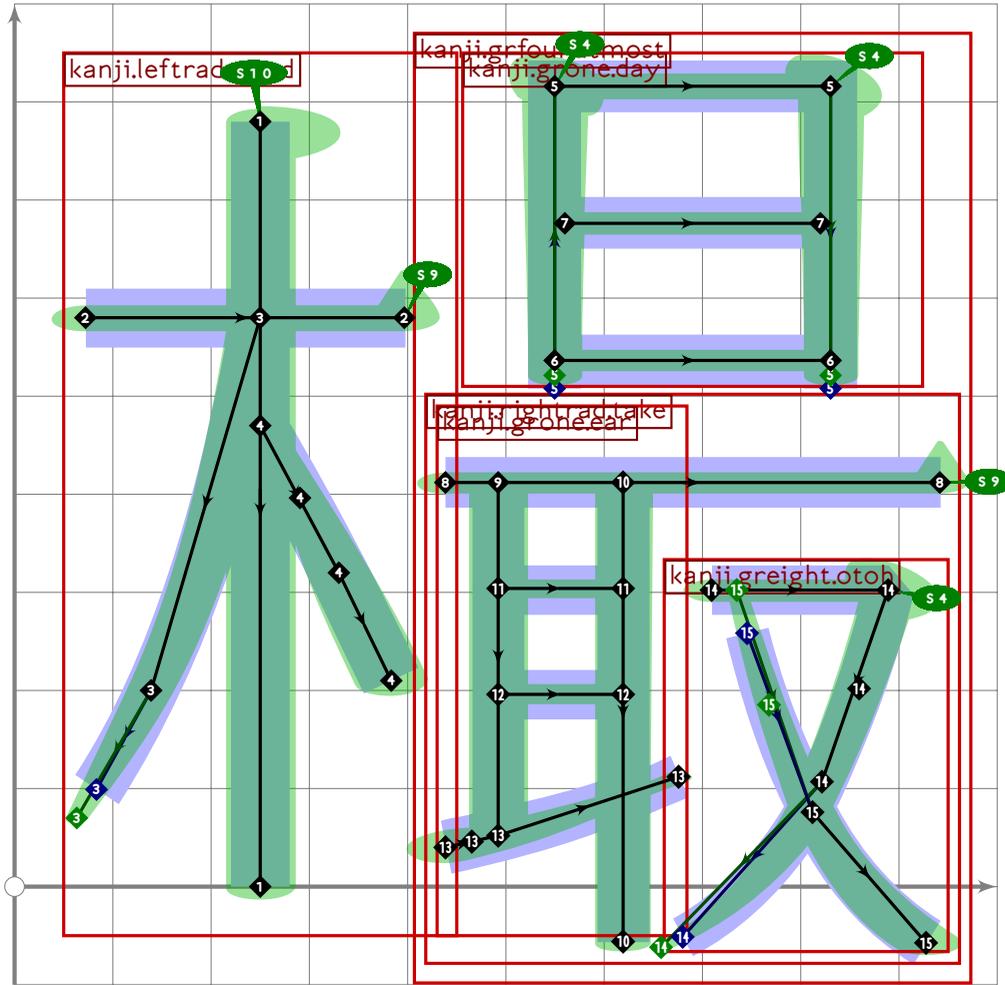
```



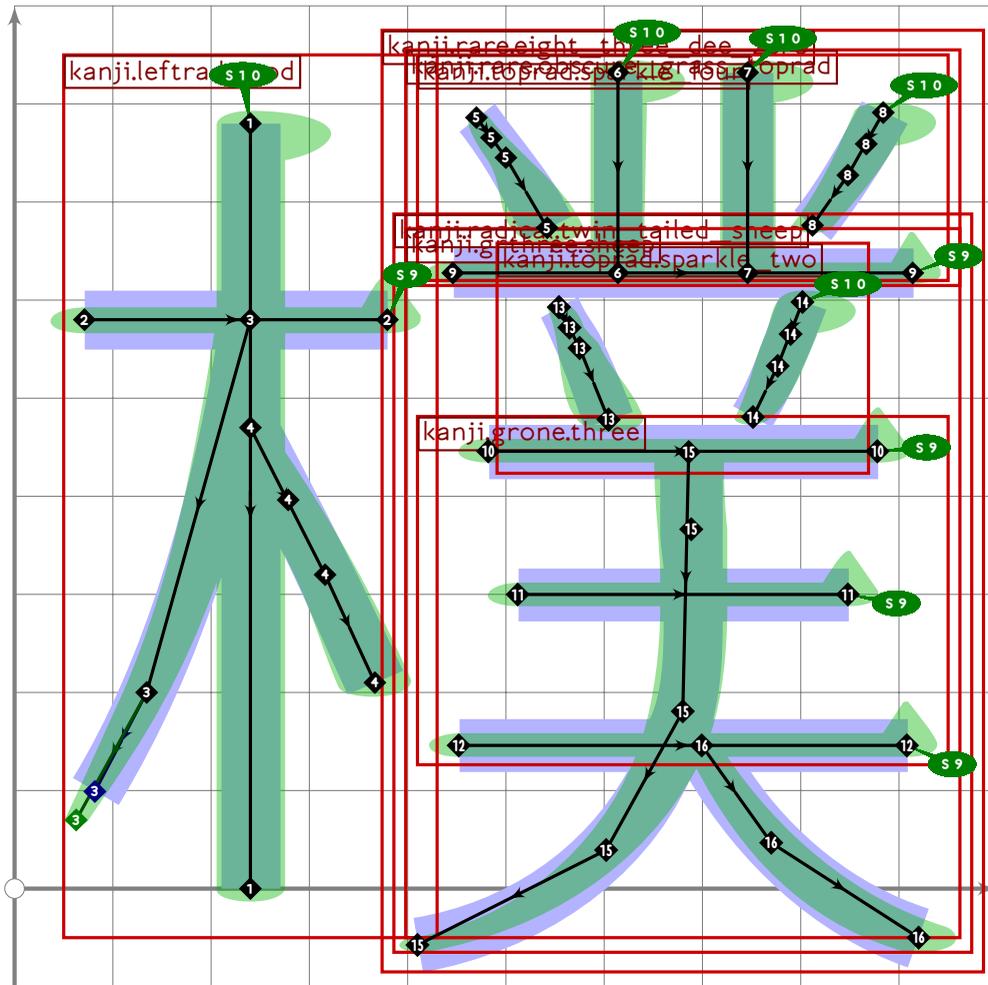
```
241 % extra: tara "no meaning given"  
242 begintsuglyph("uni6A30"48);  
243 build_kanji.lr(440,20)  
244 (kanji.leftrad.wood)  
245 (kanji.grtwo.snow);  
246 tsu_render;  
247 endsuglyph;  
248
```



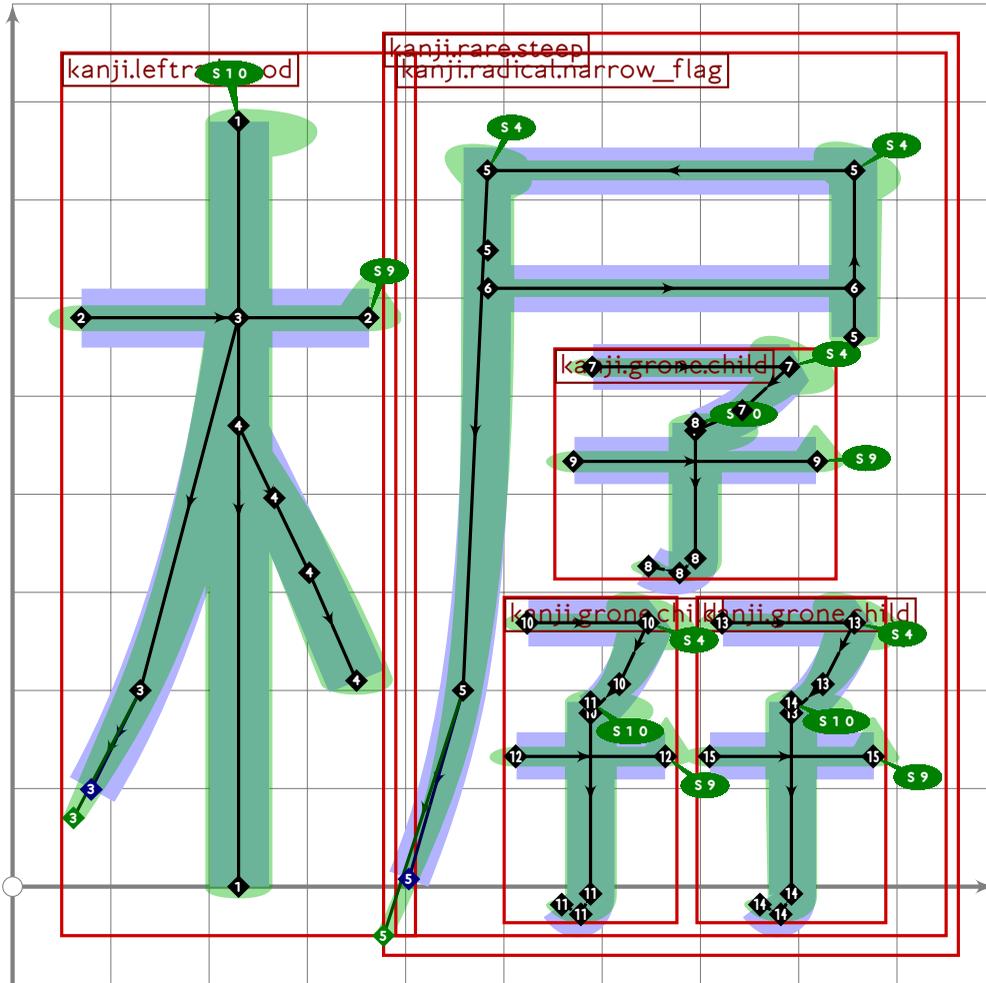
```
249 % extra: shoku/shiki
250 begint Suglyph("uni6A34",52);
251   build_kanji.lr(360,20)
252     (kanji.leftrad.wood)
253     (kanji.rare.potters_clay);
254   tsu_render;
255   endtsuglyph;
256
```



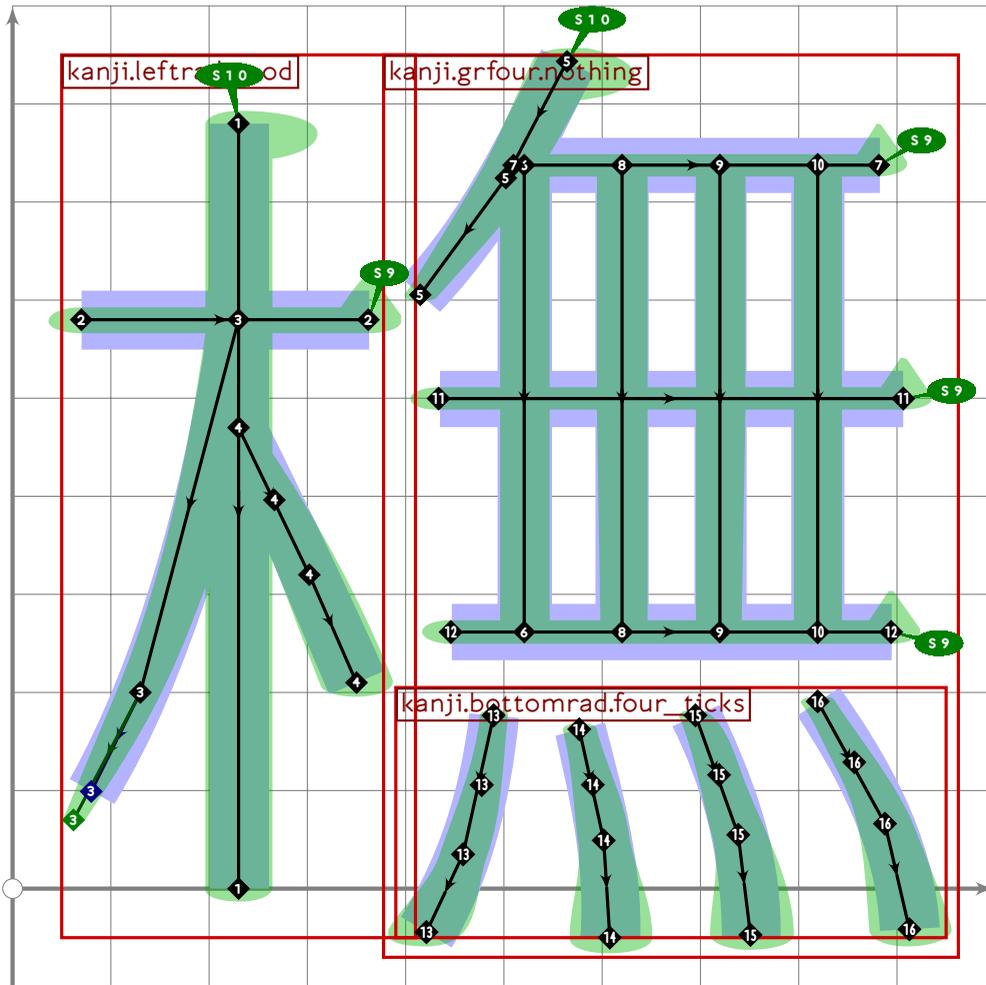
```
257 % extra: sai/fushi "knot in wood"  
258 begintsuglyph("uni6A36",54);  
259 build_kanji.lr(440,20)  
260 (kanji.leftrad.wood)  
261 (kanji.grfour.utmost);  
262 tsu_render;  
263 endsuglyph;  
264
```



```
265 % extra: muku/kohada "bark of tree"  
266 begintsuglyph("uni6A38",56);  
267 build_kanji.lr(420,20)  
268 (kanji.leftrad.wood)  
269 (kanji.rare.eight_three_dee_zero);  
270 tsu_render;  
271 endsuglyph;  
272
```



```
273 % extra
274 begintsuglyph("uni6A3C";60);
275 build_kanji.lr(400,20)
276 (kanji.leftrad.wood)
277 (kanji.rare.steep);
278 tsu_render;
279 endsuglyph;
280
```

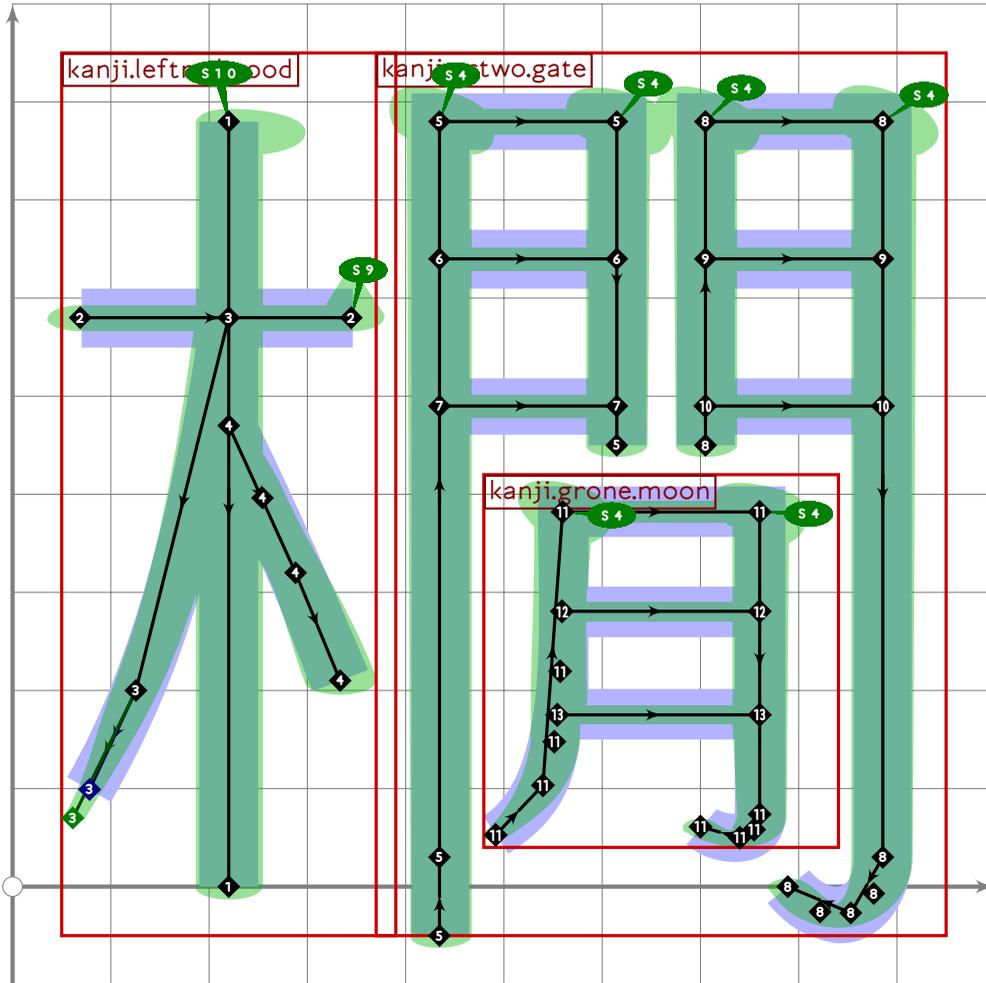


```

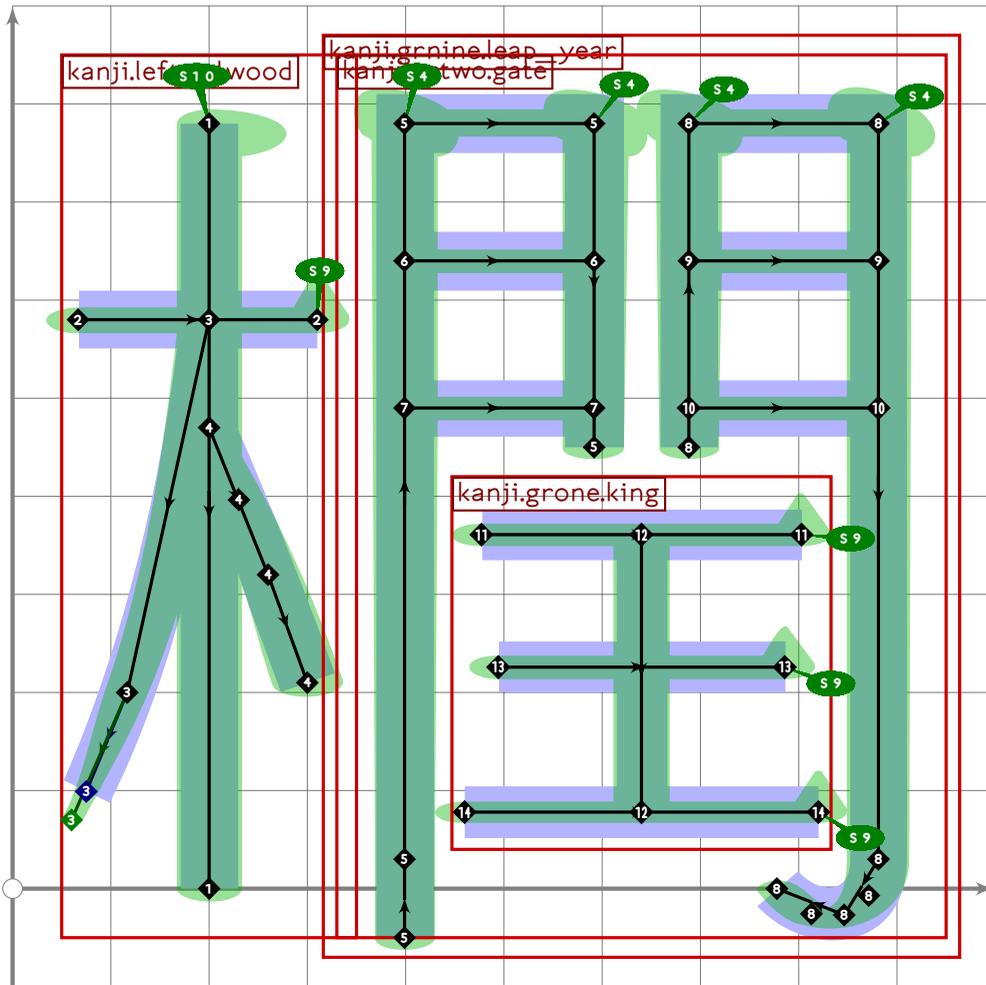
281 % extra: bo/kata "beech tree"
282 begintsuglyph("uni6A45",69);
283 build_kanji.lr(400,20)
284 (kanji.leftrad.wood)
285 (kanji.grfour.nothing);
286 tsu_render;
287 endsuglyph;
288
289 % kyou/hasi "bridge"
290 begintsuglyph("uni6A4B",75);
291 kanji.grthree.bridge;
292 tsu_render;
293 endsuglyph;
294

```

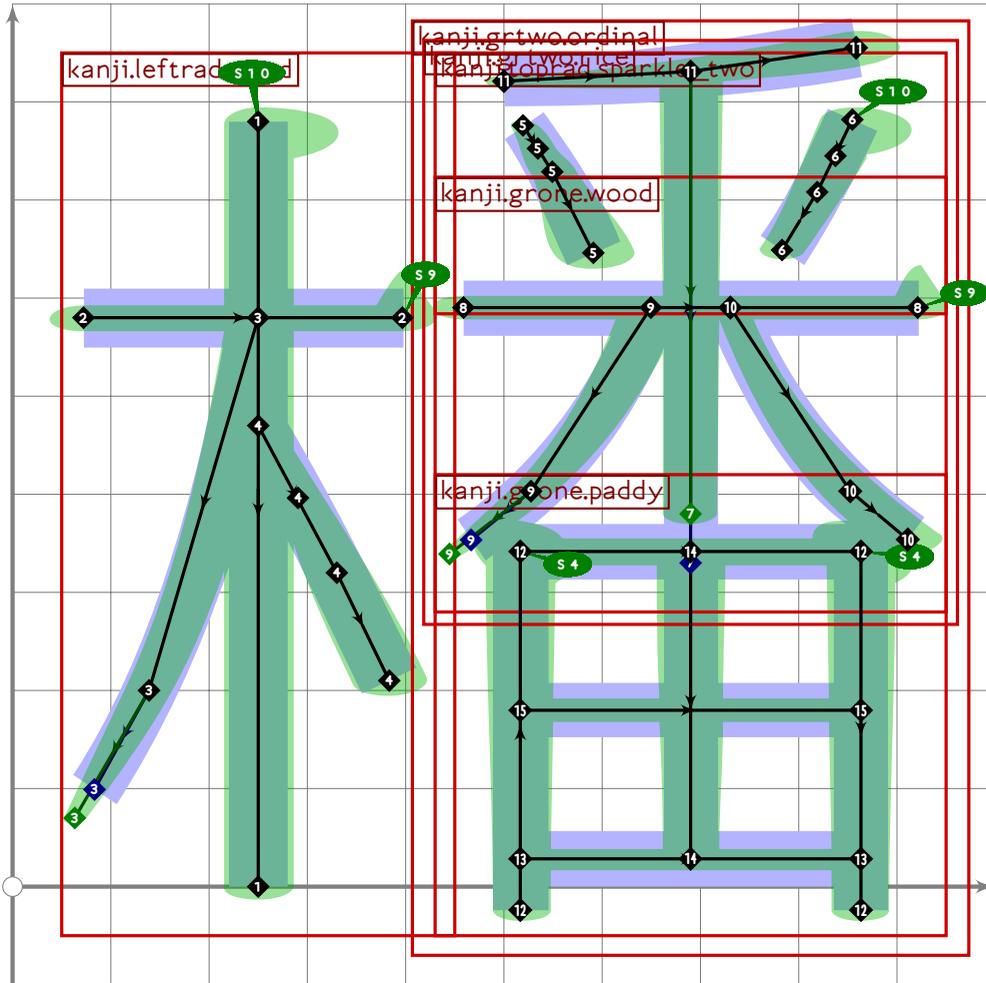
[see page 3320]



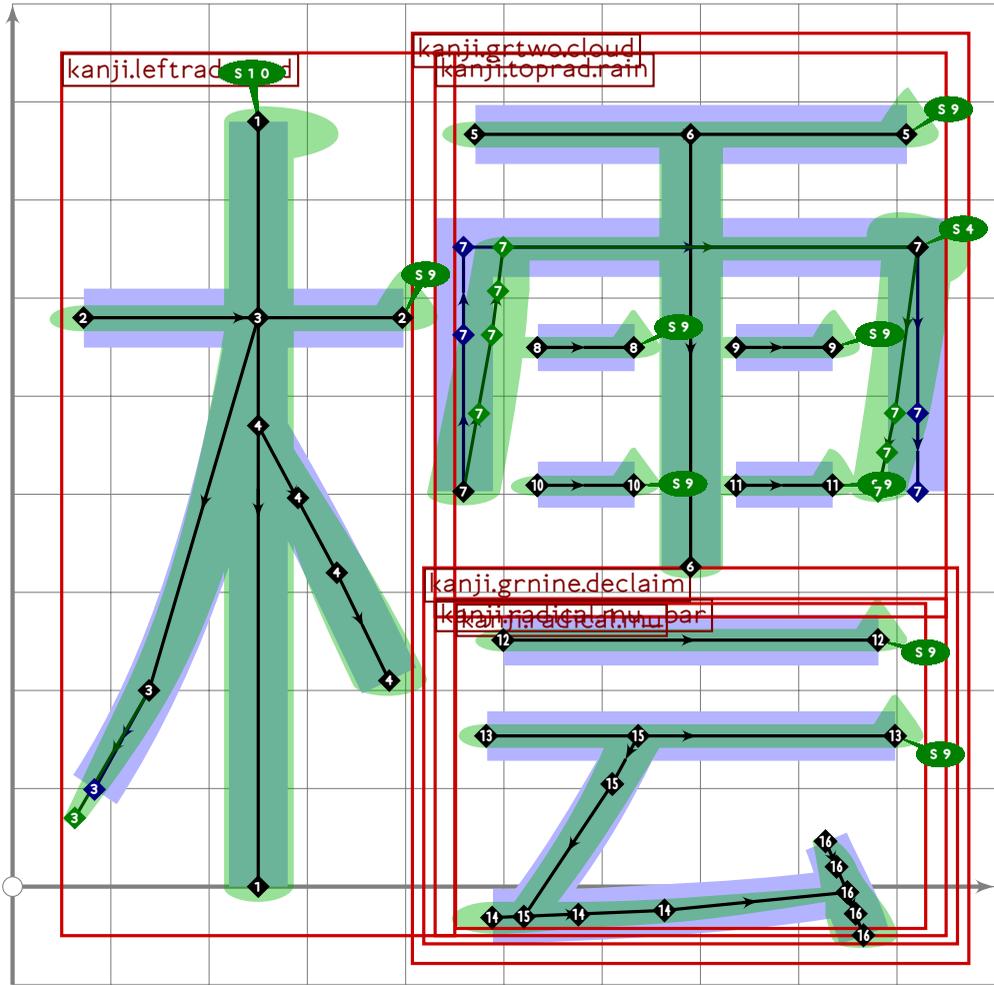
```
295 % extra
296 begintsuglyph("uni6A4C",76);
297   build_kanji.lr(380,20)
298     (kanji.leftrad.wood)
299     (build_kanji.gate_enclose(kanji.grone.moon));
300   tsu_render;
301   endsuglyph;
302
```



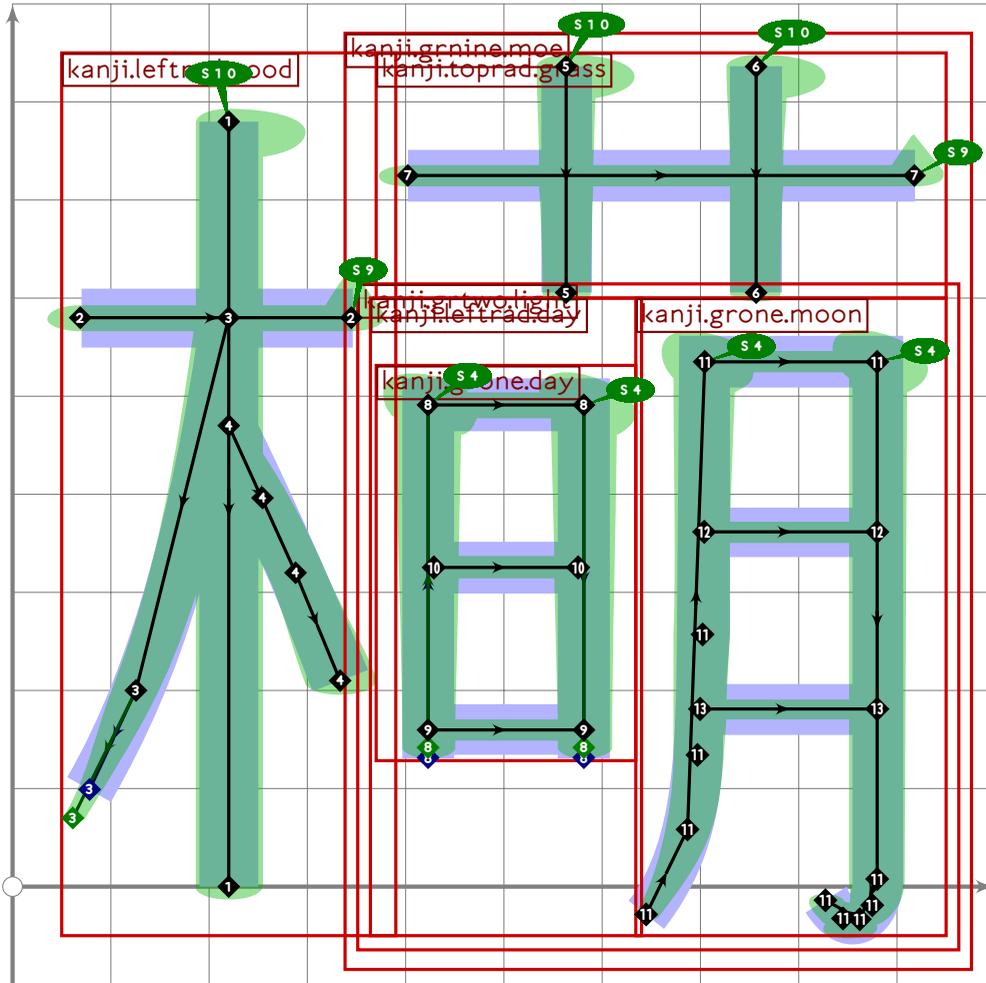
```
303 % extra
304 begintsuglyph("uni6A4D";77);
305 build_kanji.lr(340,20)
306 (kanji.leftrad.wood)
307 (kanji.grnine.leap_year);
308 tsu_render;
309 endtsuglyph;
310
```



```
311 % extra
312 begintsuglyph("uni6A4E";78);
313   build_kanji.lr(440,20)
314     (kanji.leftrad.wood)
315     (kanji.grtwo.ordinal);
316   tsu_render;
317   endtsuglyph;
318
```



```
319 % extra: "wood streaks"  
320 begintsuglyph("uni6A52",82);  
321 build_kanji.lr(440,20)  
322 (kanji.leftrad.wood)  
323 (kanji.grtwo.cloud);  
324 tsu_render;  
325 endsuglyph;  
326
```



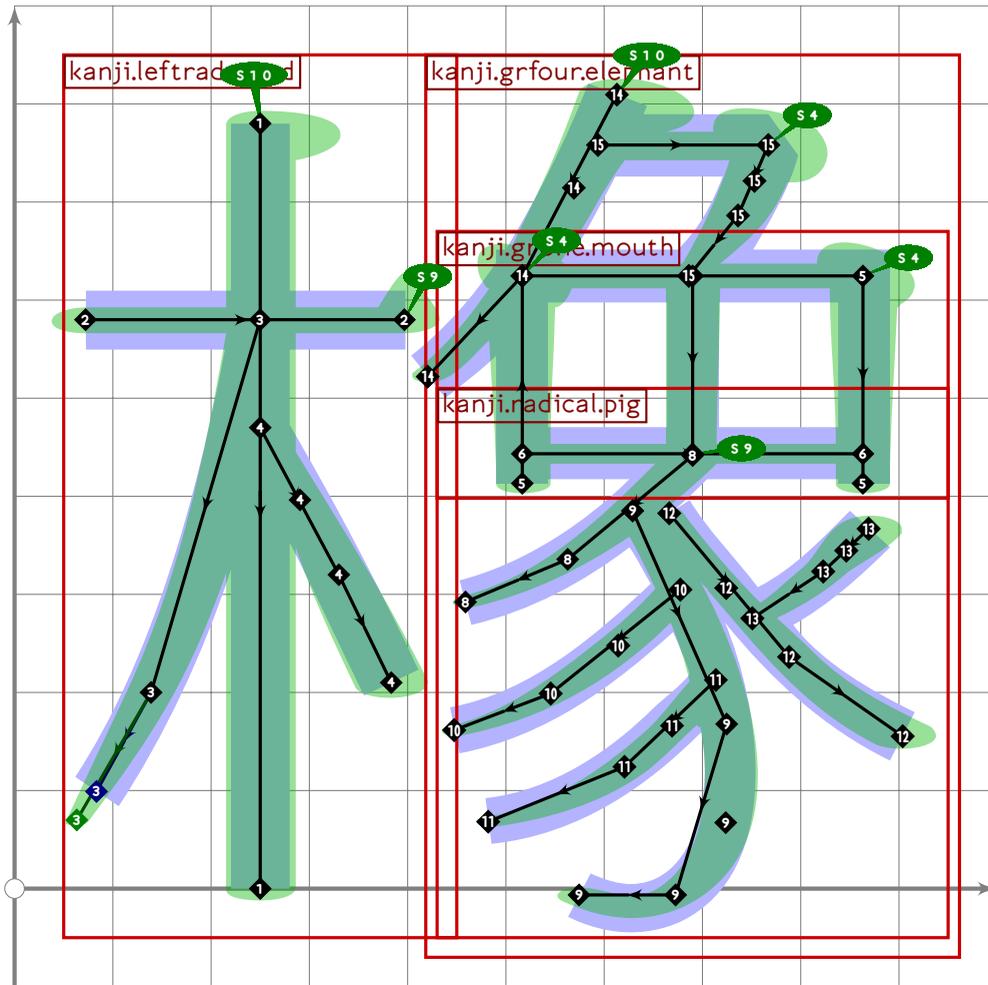
```

327 % extra
328 begintsuglyph("uni6A57";87);
329   build_kanji.lr(380,20)
330     (kanji.leftrad.wood)
331     (kanji.grnine.moe);
332   tsu_render;
333 endsuglyph;
334
335 % tou/daidai "bitter orange"
336 begintsuglyph("uni6A59";89);
337   kanji.grnine.bitter_orange;
338   tsu_render;
339 endsuglyph;
340
341 % ki/hata "aircraft"
342 begintsuglyph("uni6A5F";95);
343   kanji.grfour.aircraft;
344   tsu_render;
345 endsuglyph;
346

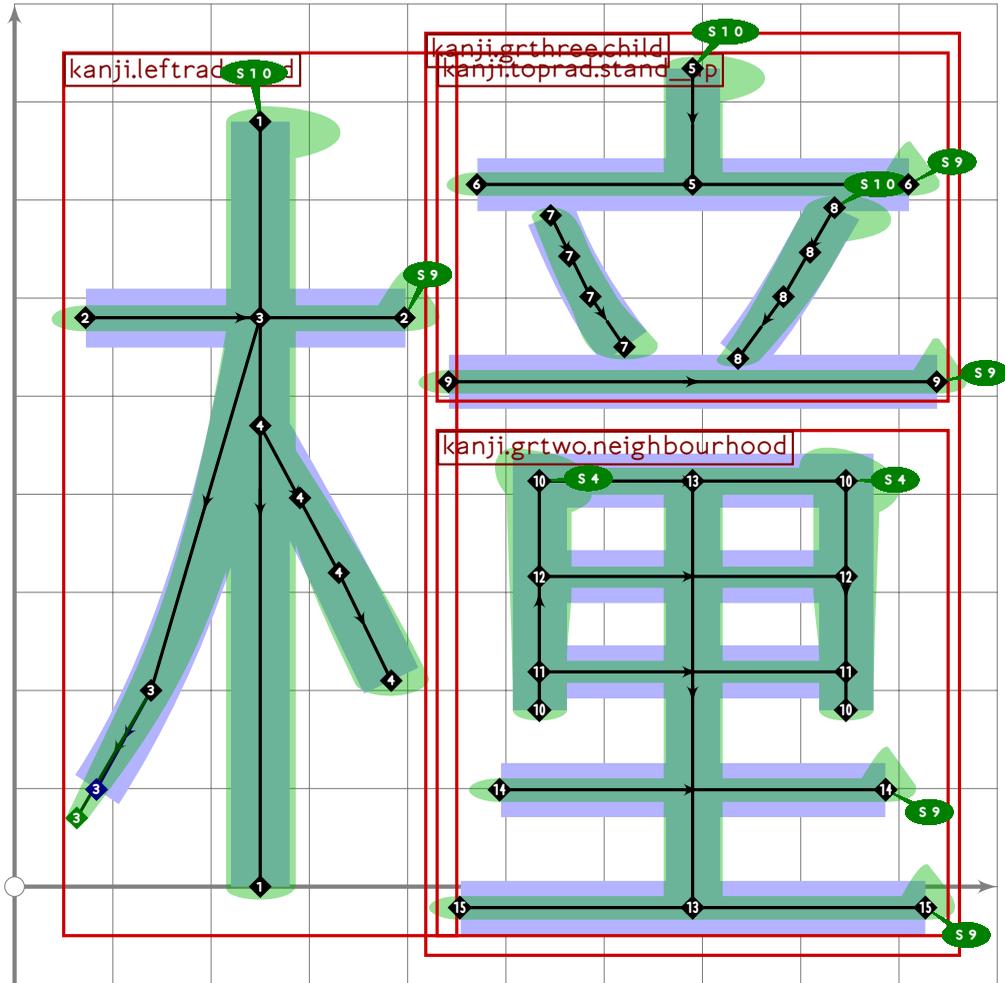
```

[see page 3325]

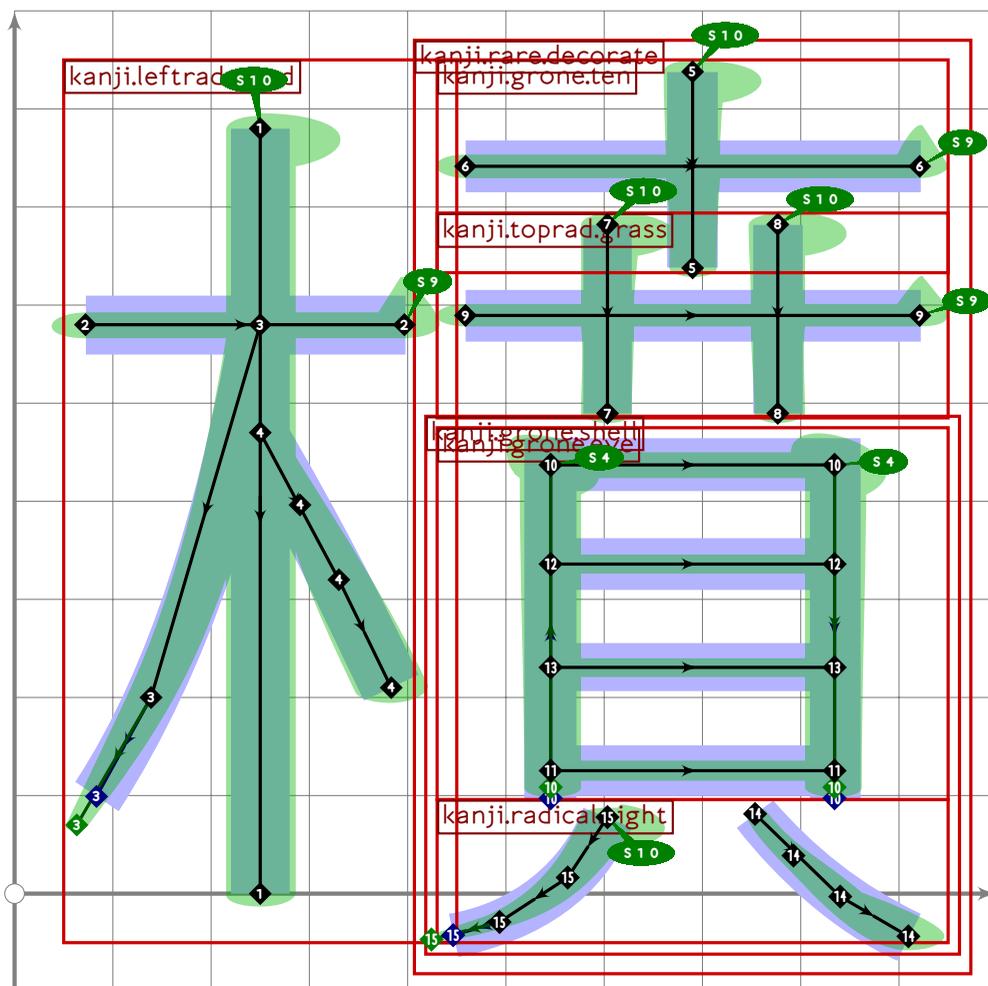
[see page 3322]



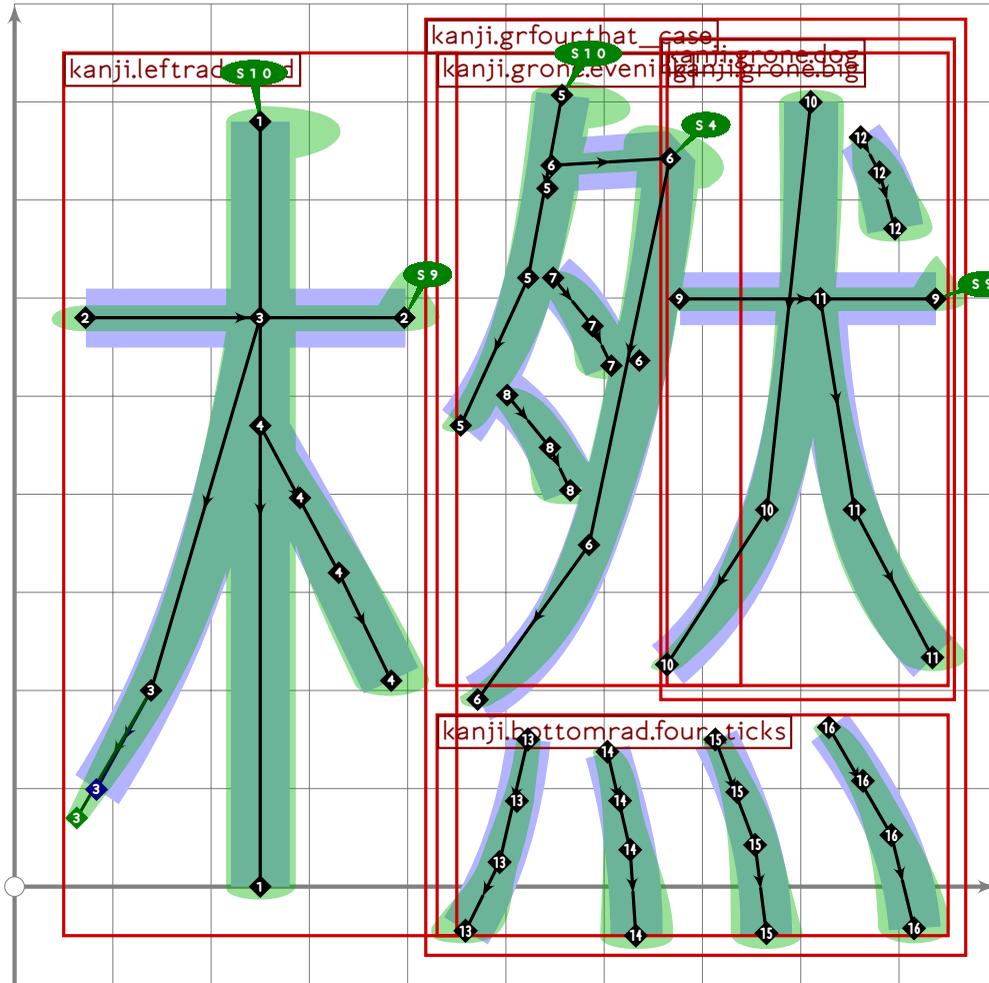
```
347 % shou/tochi "horse chestnut"  
348 begintsuglyph("uni6A61";97);  
349 build_kanji.lr(440,20)  
350 (kanji.leftrad.wood)  
351 (kanji.grfour.elephant);  
352 tsu_render;  
353 endsuglyph;  
354
```



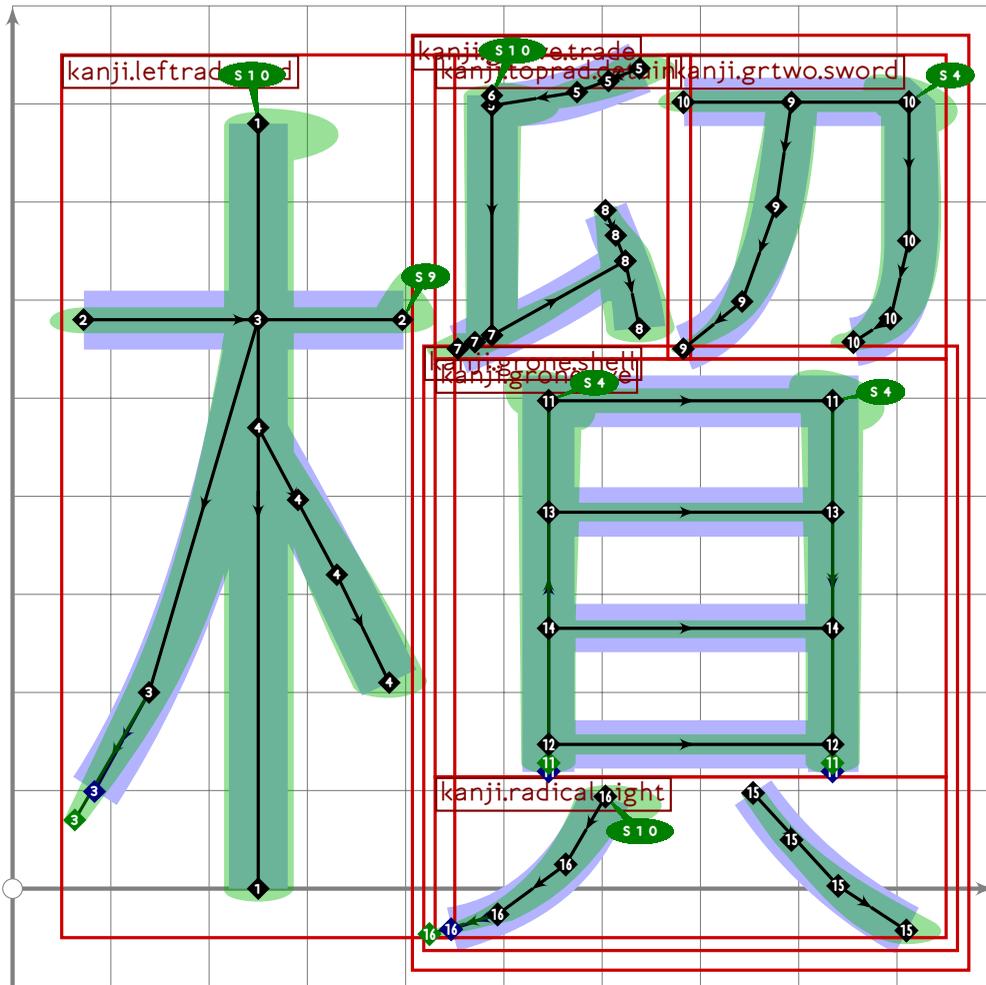
```
355 % shu "pole"  
356 begintsuglyph("uni6A66",102);  
357 build_kanji.lr(440,20)  
358 (kanji.leftrad.wood)  
359 (kanji.grthree.child);  
360 tsu_render;  
361 endtsuglyph;  
362
```



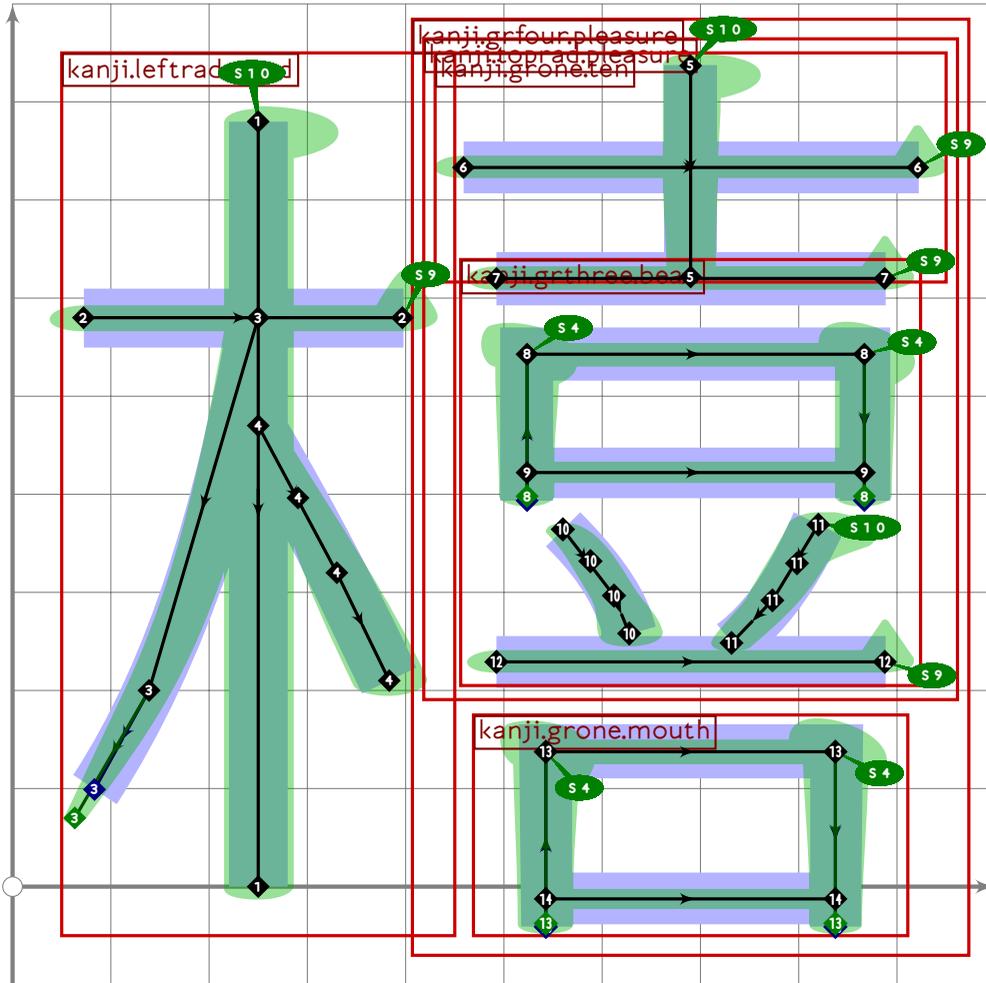
```
363 % extra
364 begintsuglyph("uni6A68",104);
365 build_kanji.lr(440,20)
366 (kanji.leftrad.wood)
367 (kanji.rare.decorate);
368 tsu_render;
369 endtsuglyph;
370
```



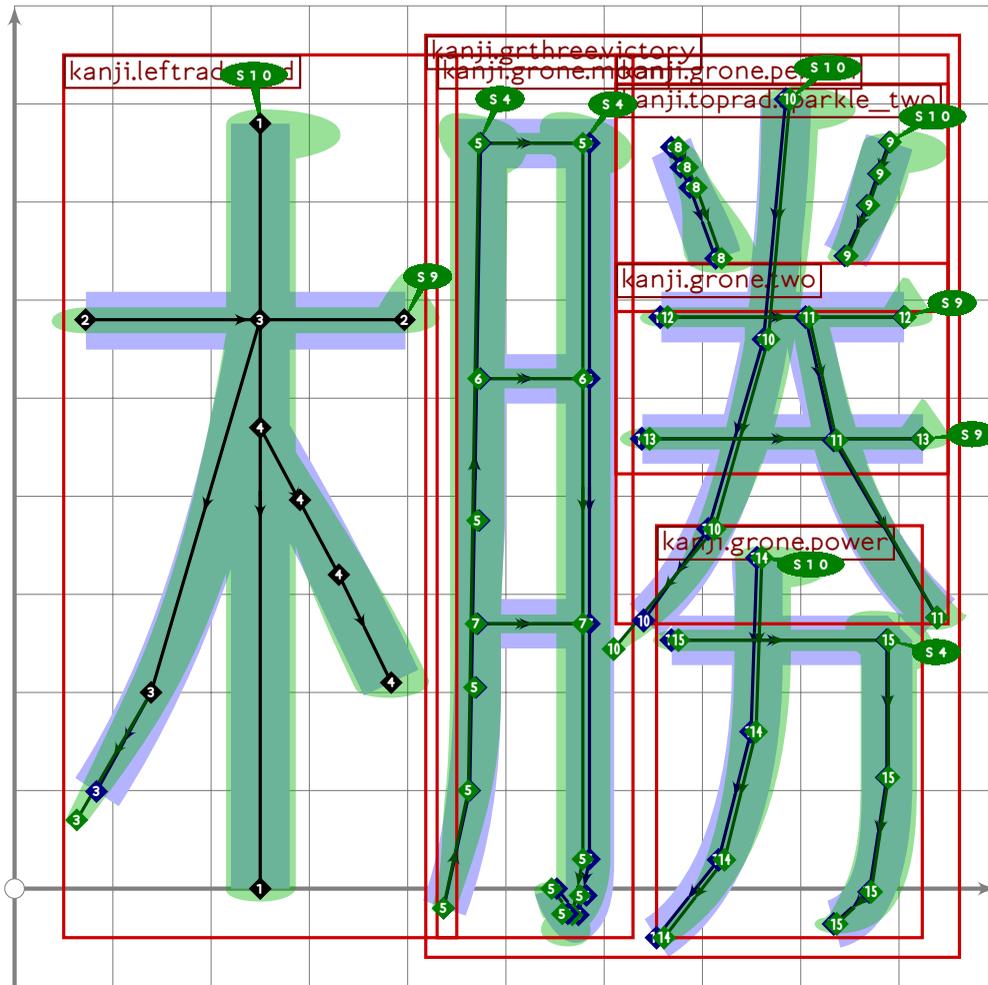
```
371 % extra
372 begintsuglyph("uni6A6A",106);
373 build_kanji.lr(440,20)
374 (kanji.leftrad.wood)
375 (kanji.grfour.that_case);
376 tsu_render;
377 endsuglyph;
378
```



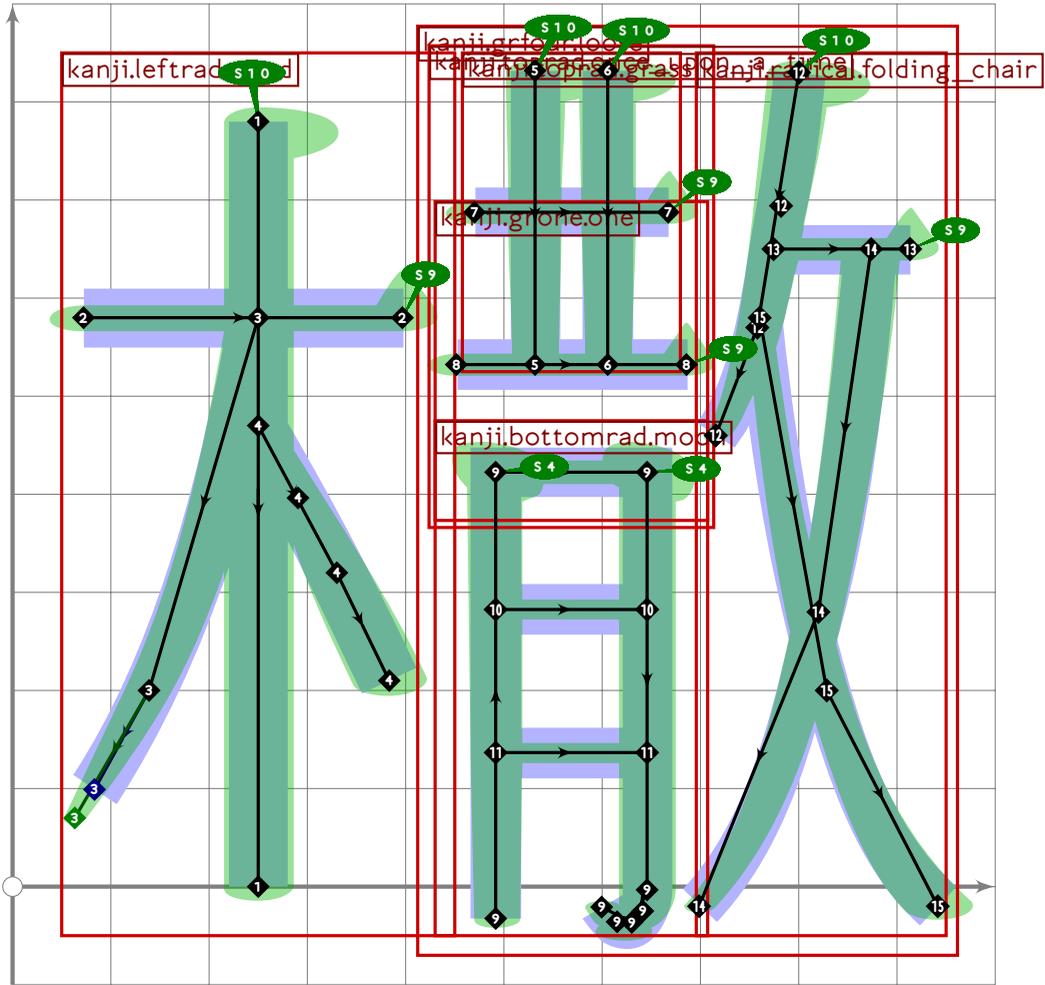
```
379 % extra
380 begintsuglyph("uni6A6E";110);
381 build_kanji.lr(440,20)
382 (kanji.leftrad.wood)
383 (kanji.grfive.trade);
384 tsu_render;
385 endtsuglyph;
386
```



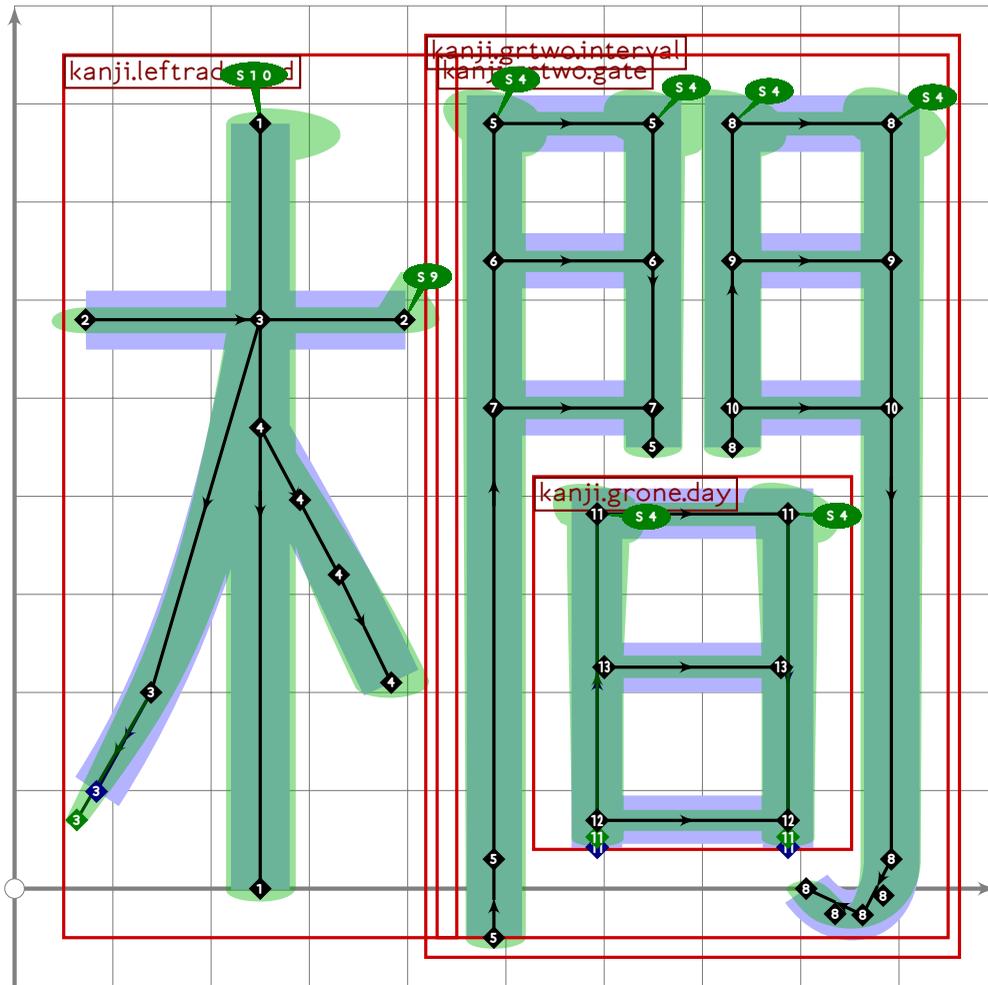
```
387 % ki "Japanese storax"  
388 begintsuglyph("uni6A72",114);  
389 build_kanji.lr(440,20)  
390 (kanji.leftrad.wood)  
391 (kanji.grfour.pleasure);  
392 tsu_render;  
393 endtsuglyph;  
394
```



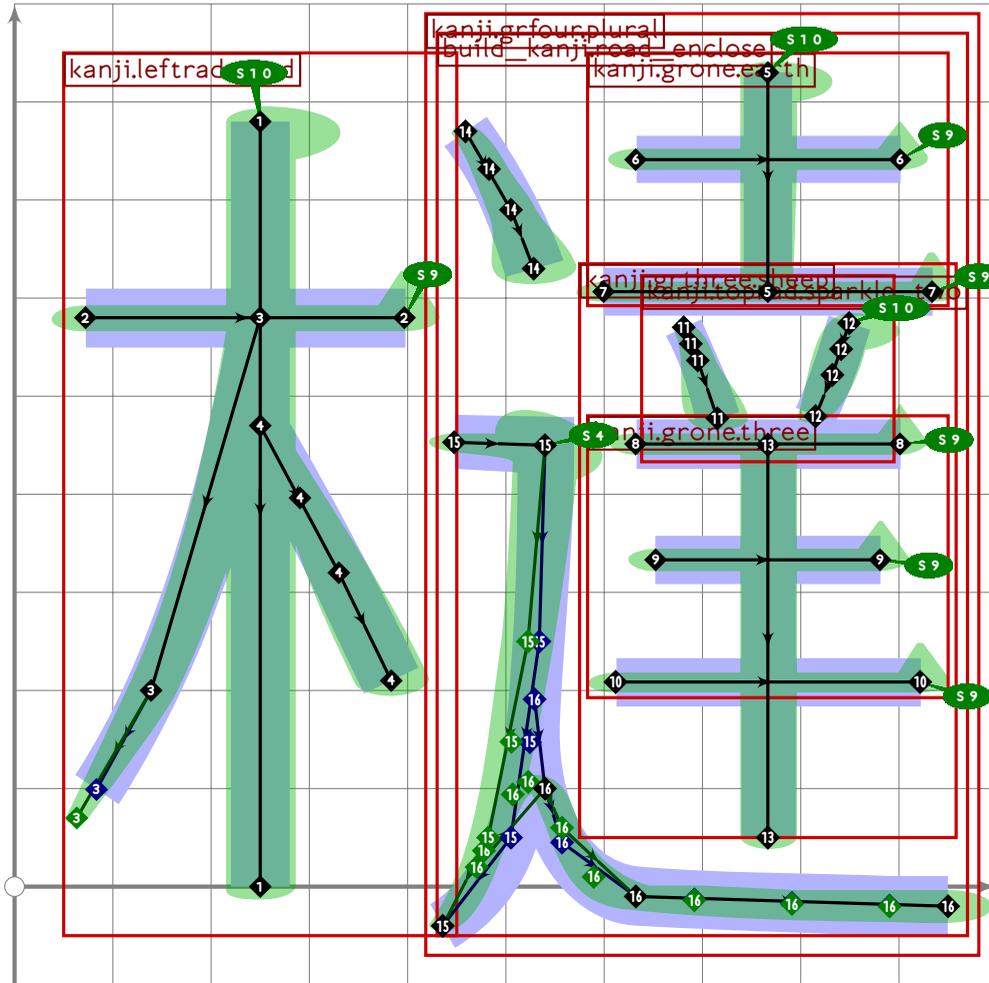
```
395 % extra
396 begintsuglyph("uni6A73";115);
397 build_kanji.lr(440,20)
398 (kanji.leftrad.wood)
399 (kanji.grthreevictory);
400 tsu_render;
401 endtsuglyph;
402
```



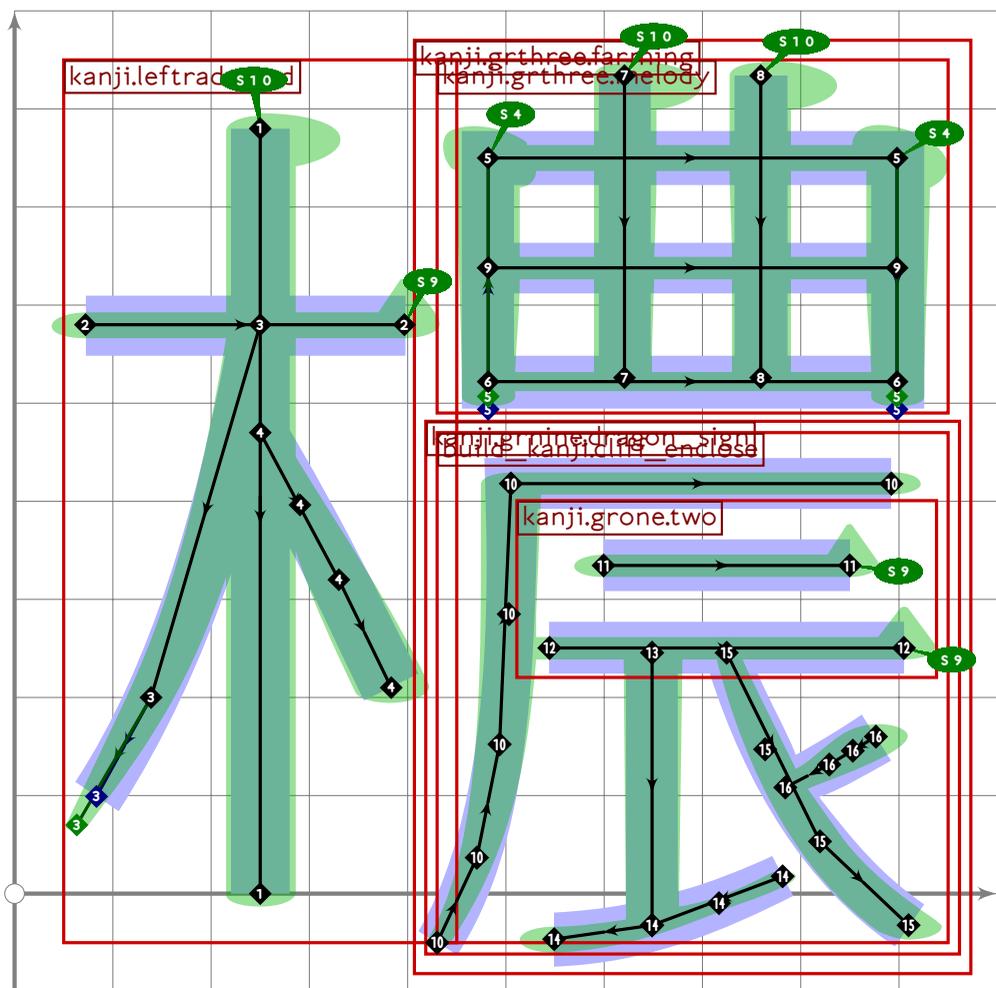
```
403 % extra
404 begintsuglyph("uni6A75";117);
405 build_kanji.lr(440,20)
406 (kanji.leftrad.wood)
407 (kanji.grfour.loose);
408 tsu_render;
409 endtsuglyph;
410
```



```
411 % extra
412 begintsuglyph("uni6A7A;122);
413 build_kanji.lr(440,20)
414 (kanji.leftrad.wood)
415 (kanji.grtwo.interval);
416 tsu_render;
417 endtsuglyph;
418
```



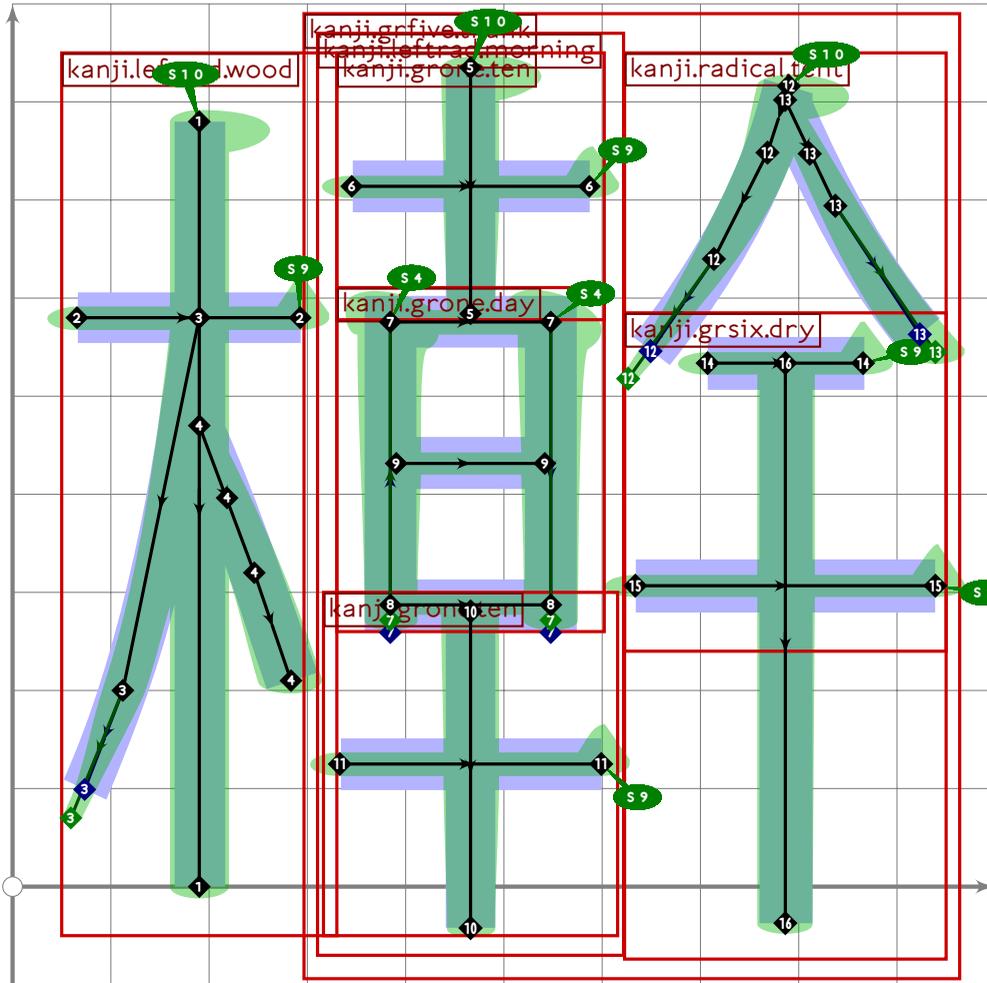
```
419 % extra
420 begintsuglyph("uni6A7D";125);
421 build_kanji.lr(440,20)
422 (kanji.leftrad.wood)
423 (kanji.grfour.plural);
424 tsu_render;
425 endtsuglyph;
426
```



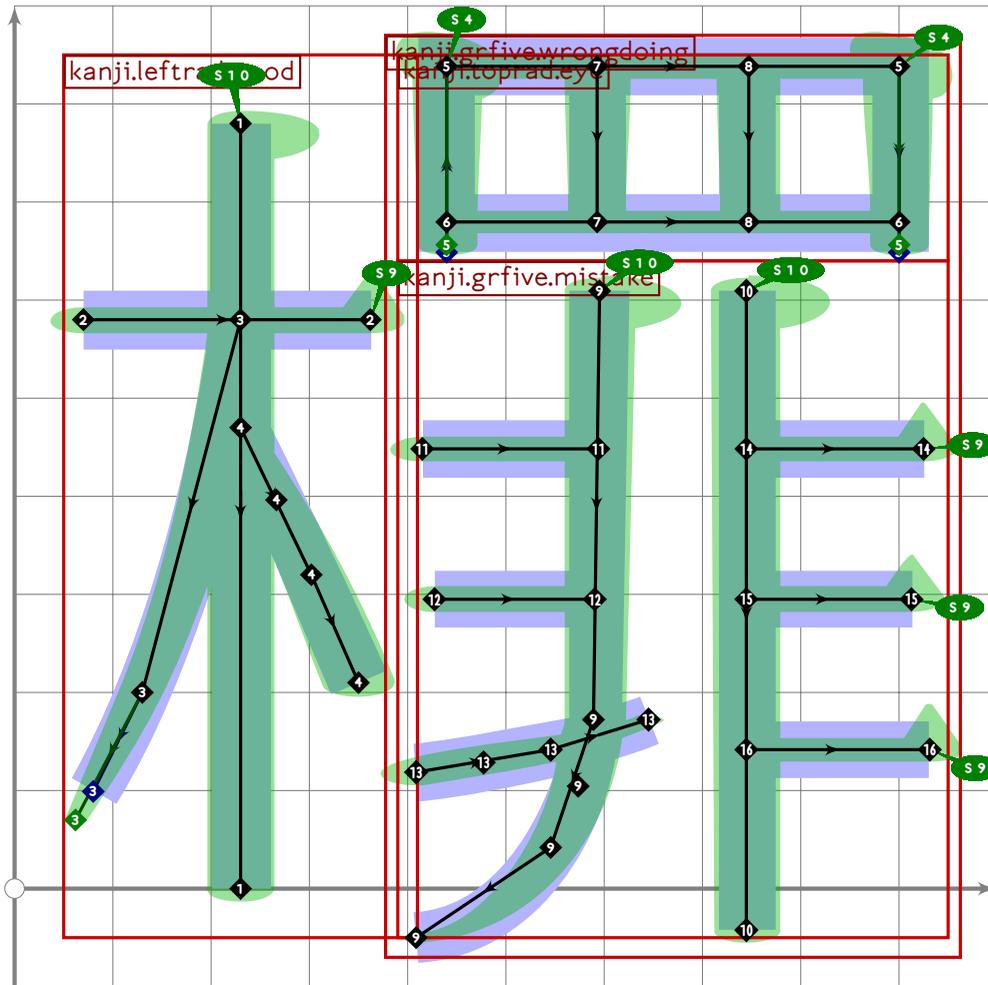
```

427 % extra
428 begintsuglyph("uni6A82",130);
429 build_kanji.lr(440,20)
430 (kanji.leftrad.wood)
431 (kanji.grthree.farming);
432 tsu_render;
433 endsuglyph;
434

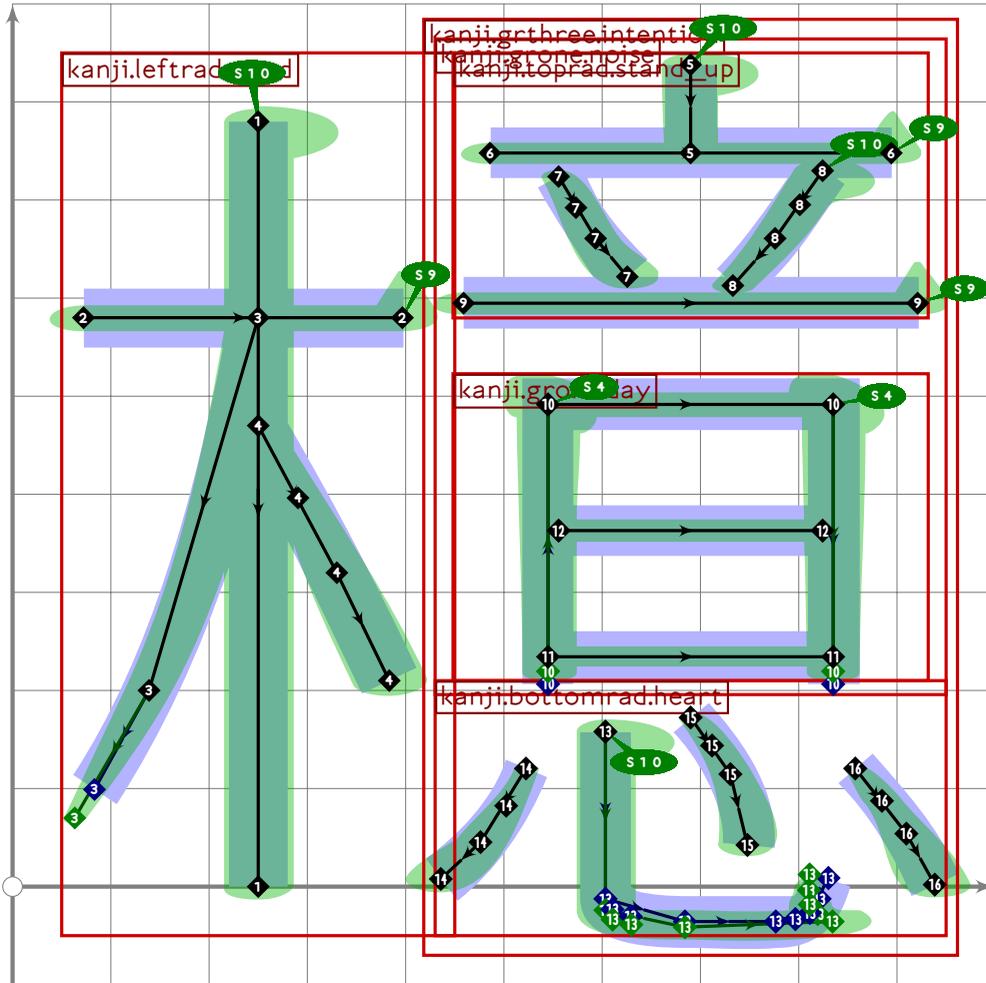
```



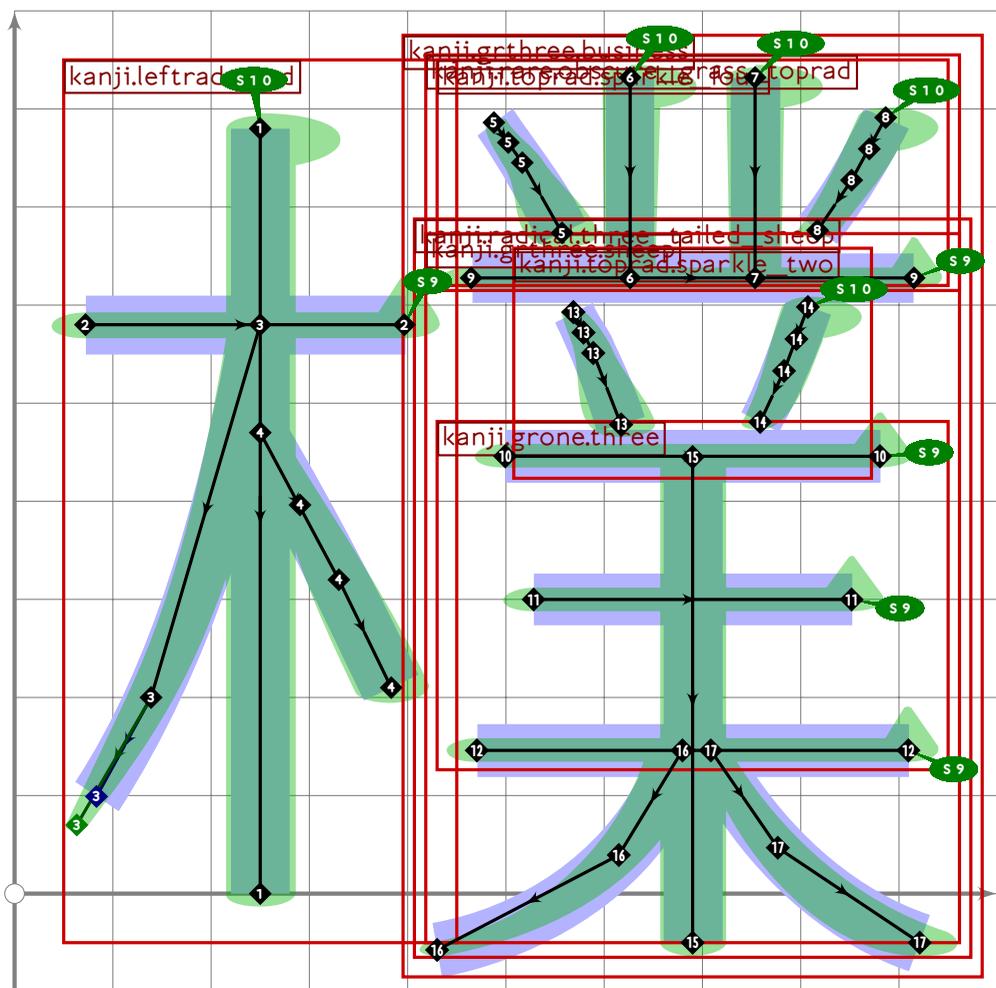
```
435 % extra
436 begintsuglyph("uni6A8A",138);
437 build_kanji.level(build_kanji.lr(330,0)
438   (kanji.leftrad.wood)
439   (kanji.grfive.trunk));
440 tsu_render;
441 endtsuglyph;
442
```



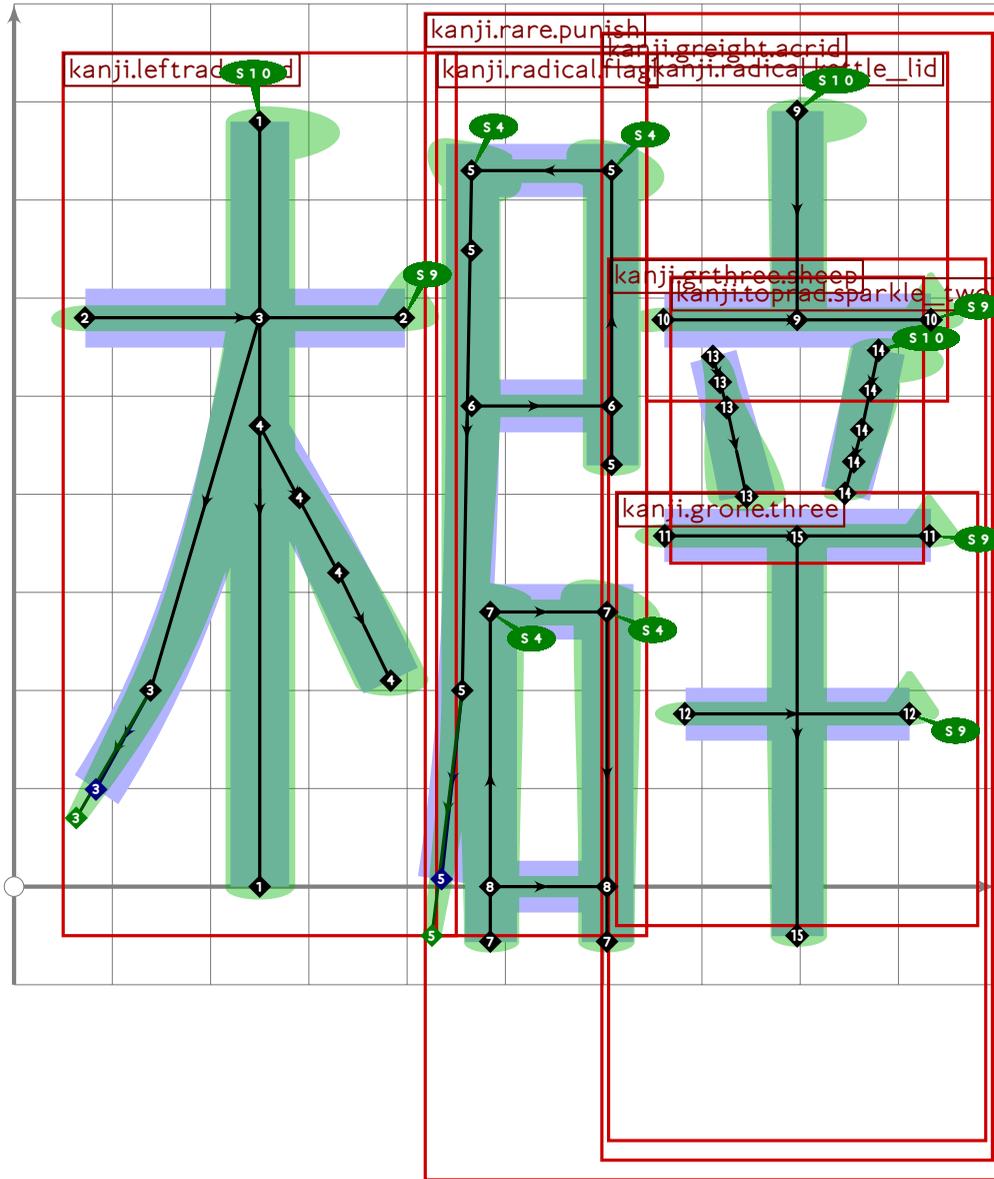
```
443 % extra
444 begintsuglyph("uni6A8C";140);
445   build_kanji.lr(400,20)
446     (kanji.leftrad.wood)
447     (kanji.grfive.wrongdoing);
448   tsu_render;
449   endtsuglyph;
450
```



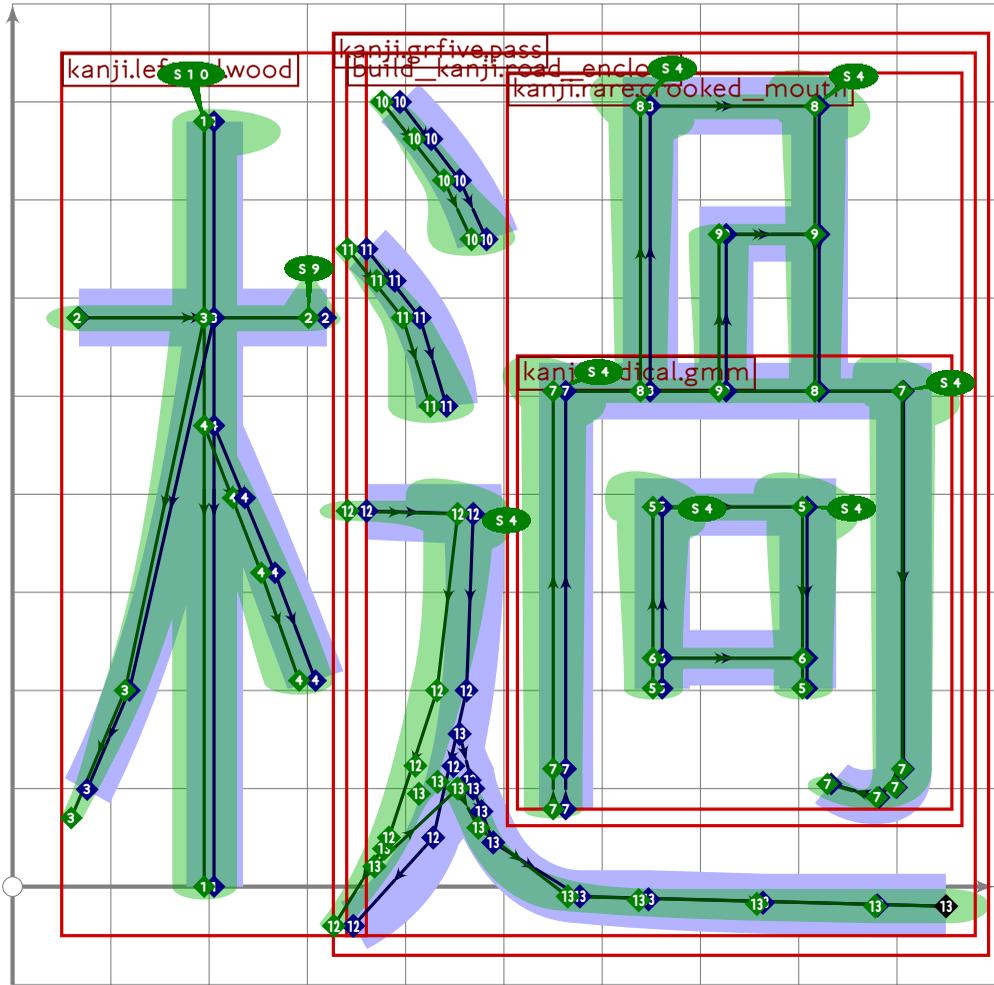
```
451 % oku/i "evergreen oak"  
452 begintsuglyph("uni6A8D";141);  
453 build_kanji.lr(440,20)  
454 (kanji.leftrad.wood)  
455 (kanji.grthree.intention);  
456 tsu_render;  
457 endsuglyph;  
458
```



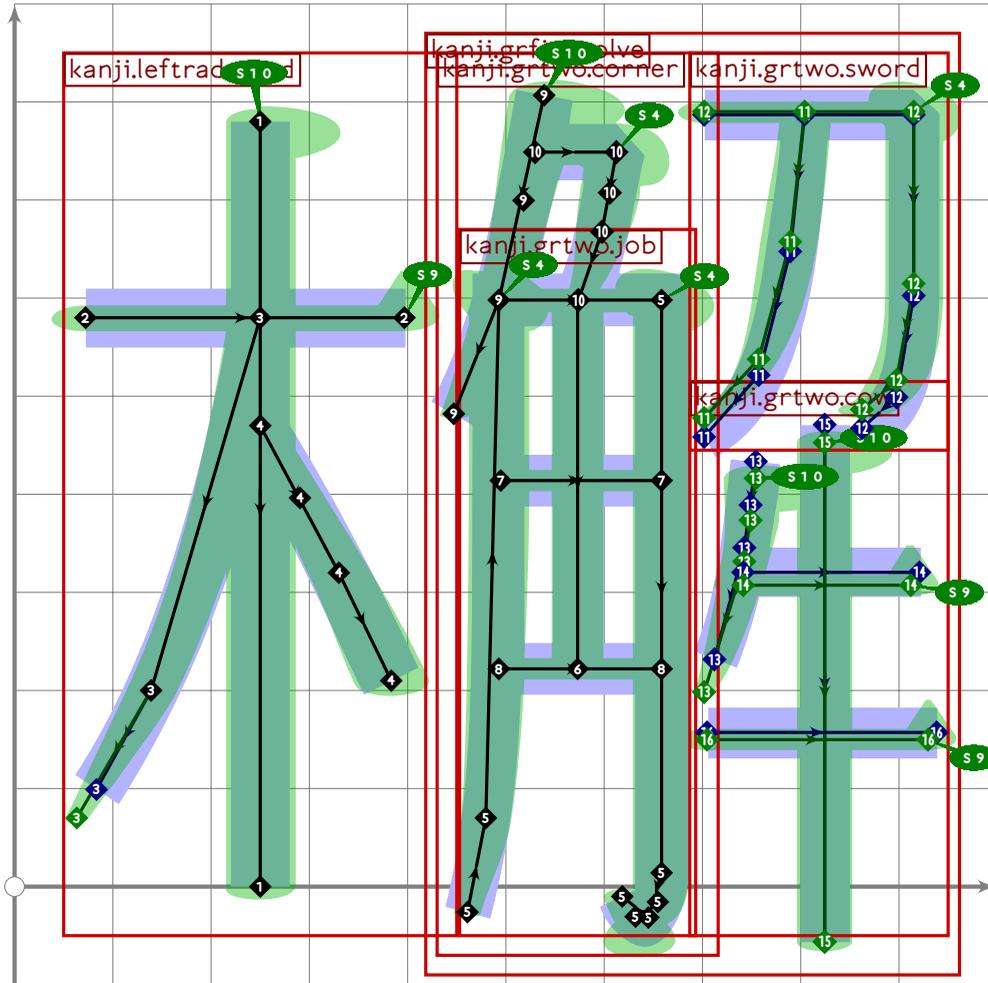
```
459 % extra
460 begintsuglyph("uni6A8F";143);
461 build_kanji.lr(440,20)
462 (kanji.leftrad.wood)
463 (kanji.grthree.business);
464 tsu_render;
465 endsuglyph;
466
```



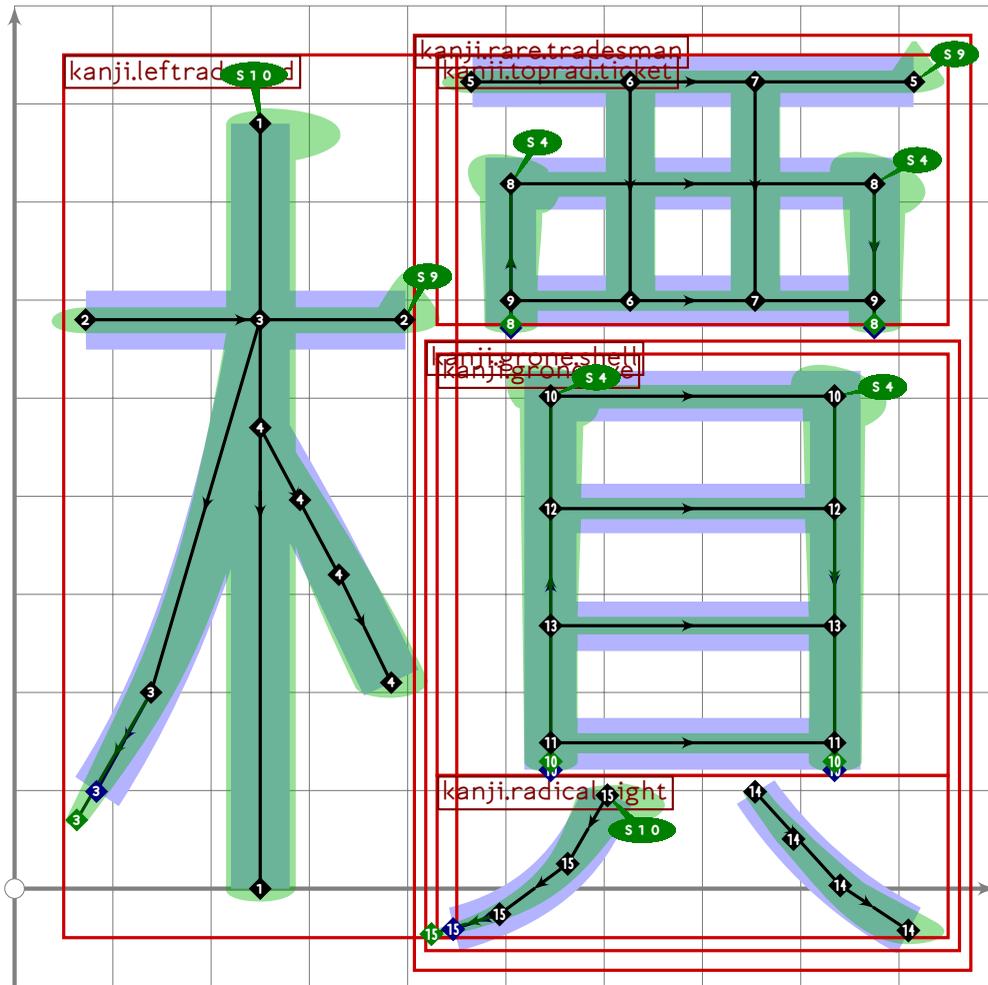
```
467 % extra
468 begintsuglyph("uni6A98",152);
469 build_kanji.lr(440,20)
470 (kanji.leftrad.wood)
471 (kanji.rare.punish);
472 tsu_render;
473 endtsuglyph;
474
```



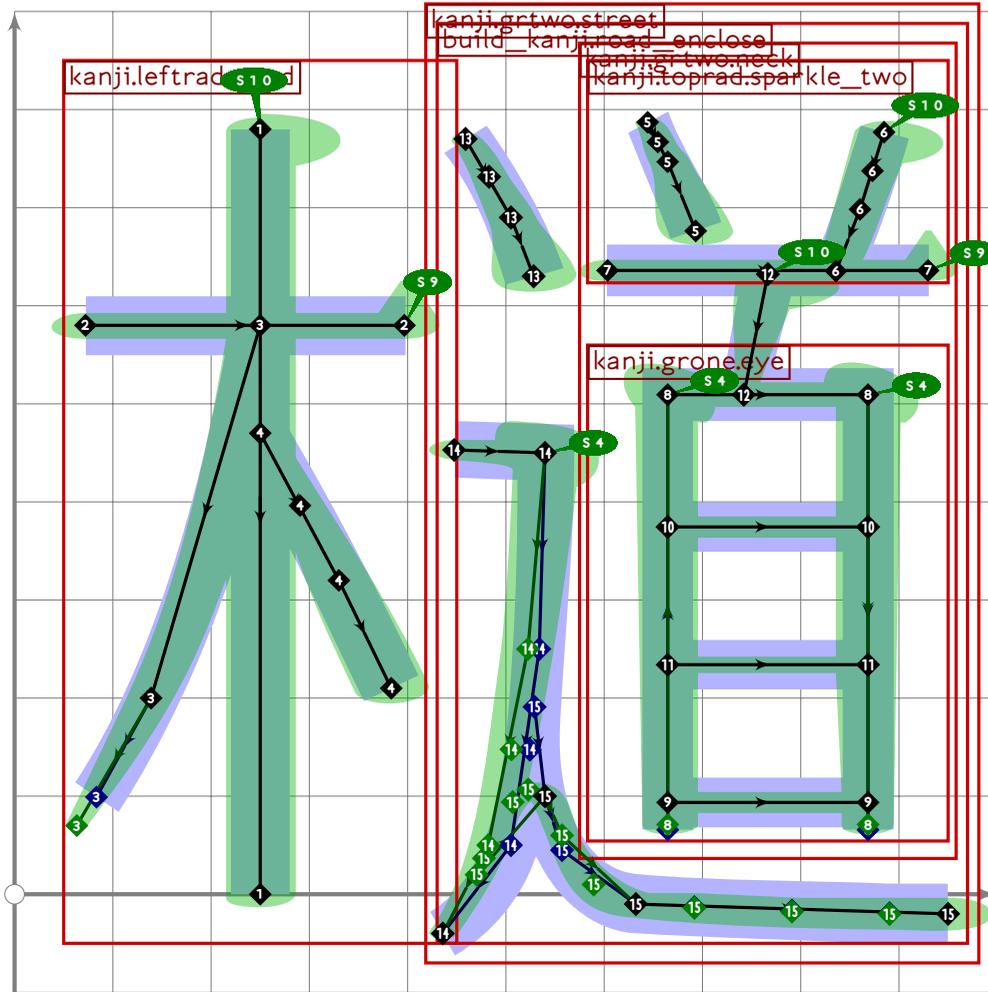
```
475 % extra
476 begintsuglyph("uni6A9B",155);
477 build_kanji.lr(350-20*mincho,20)
478 (kanji.leftrad.wood)
479 (extra_tick;
480 kanji.grfive.pass);
481 tsu_render;
482 endsuglyph;
483
```



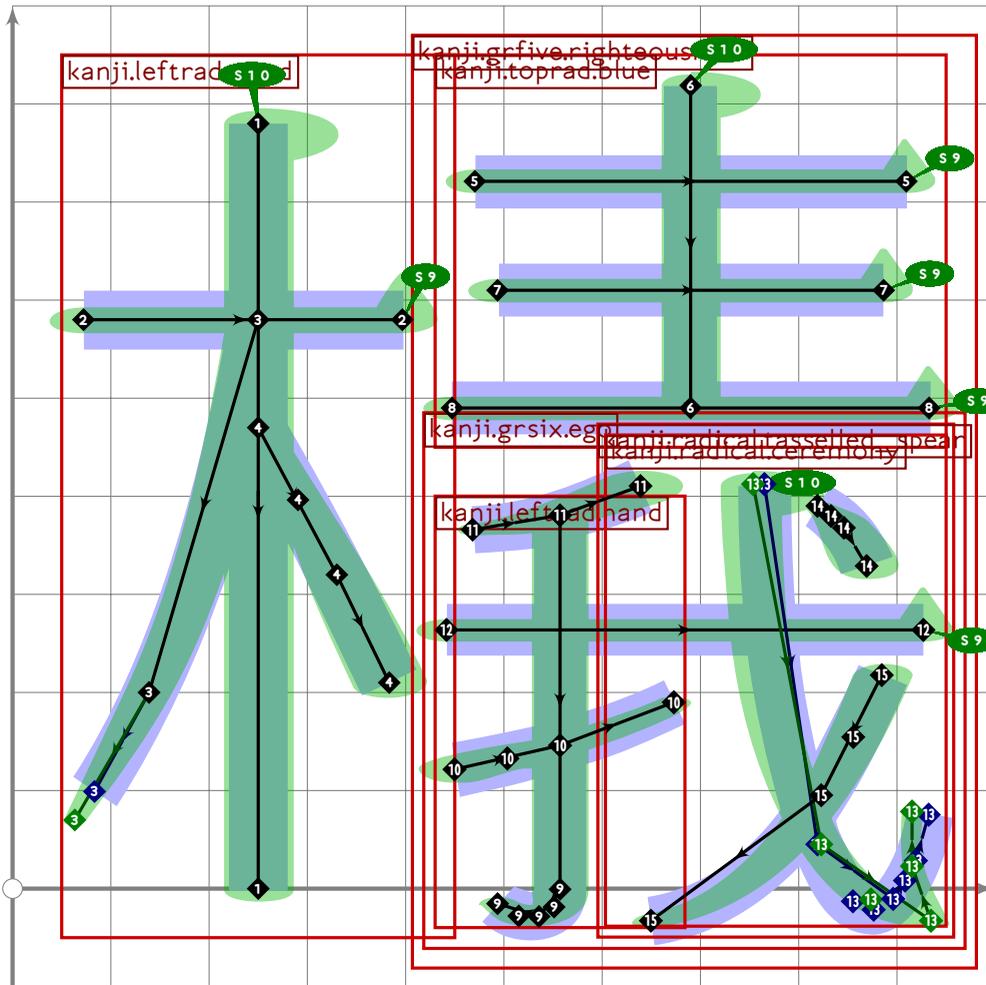
```
484 % kai/matsuyani "oak"  
485 begintsuglyph("uni6A9E",158);  
486 build_kanji.lr(440,20)  
487 (kanji.leftrad.wood)  
488 (kanji.grfive.solve);  
489 tsu_render;  
490 endtsuglyph;  
491
```



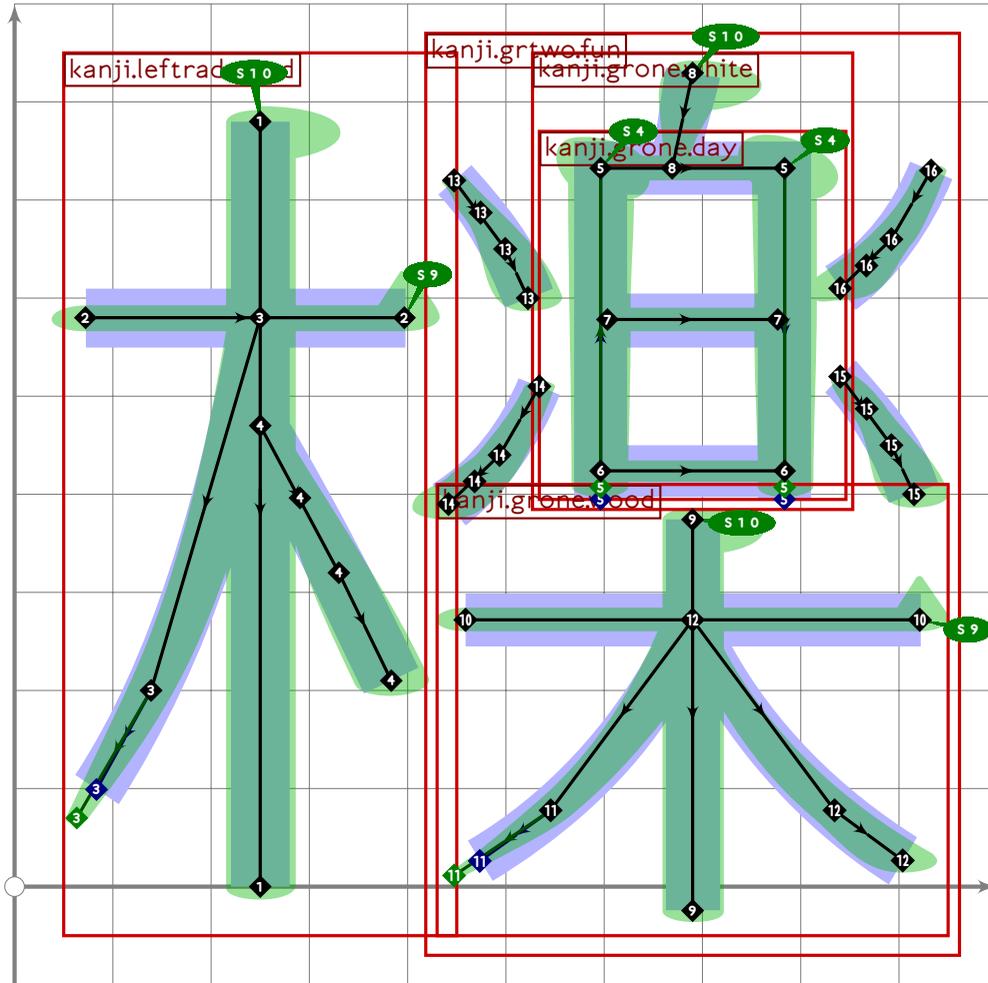
```
492 % extra: ka/hisagi "small evergreen shrub"  
493 begintsuglyph("uni6A9F",159);  
494 build_kanji.lr(440,20)  
495   (kanji.leftrad.wood)  
496   (kanji.rare.tradesman);  
497 tsu_render;  
498 endtsuglyph;  
499
```



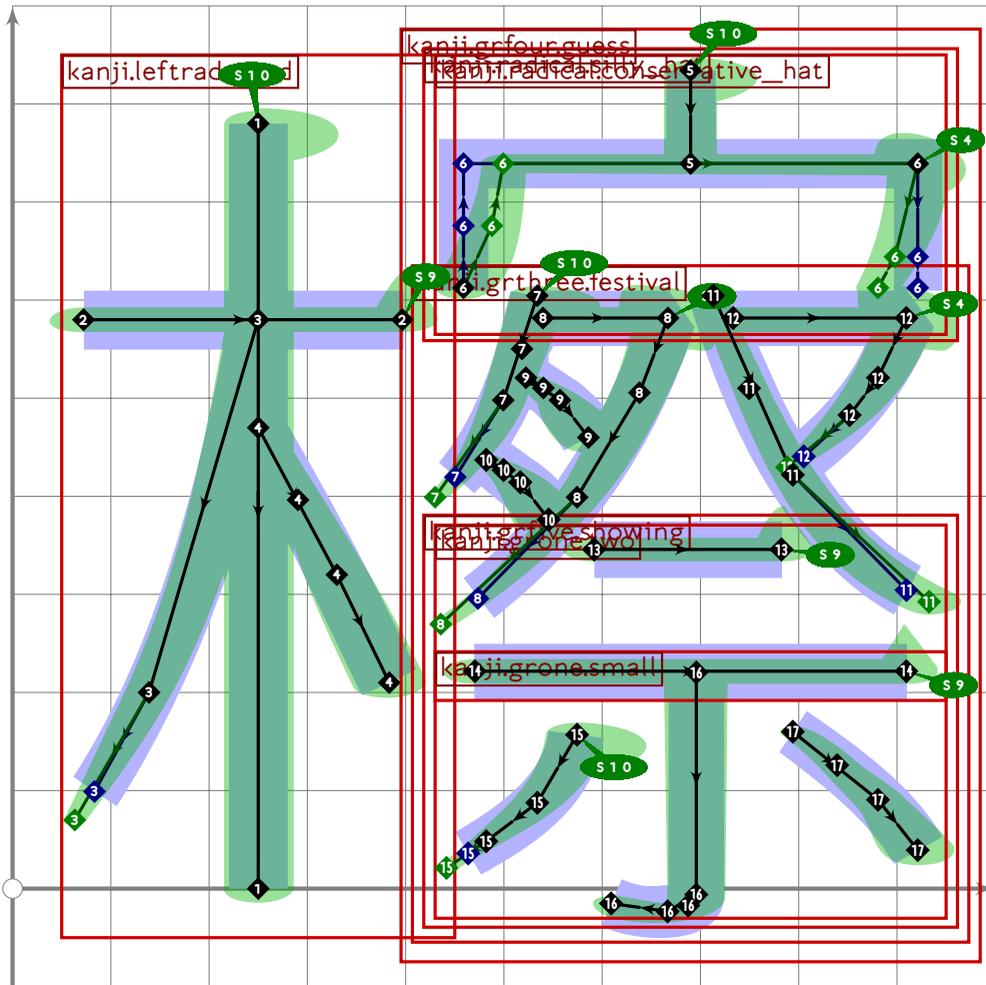
```
500 % extra
501 begintsuglyph("uni6AA4";164);
502 build_kanji.lr(440,20)
503 (kanji.leftrad.wood)
504 (kanji.grtwo.street);
505 tsu_render;
506 endsuglyph;
507
```



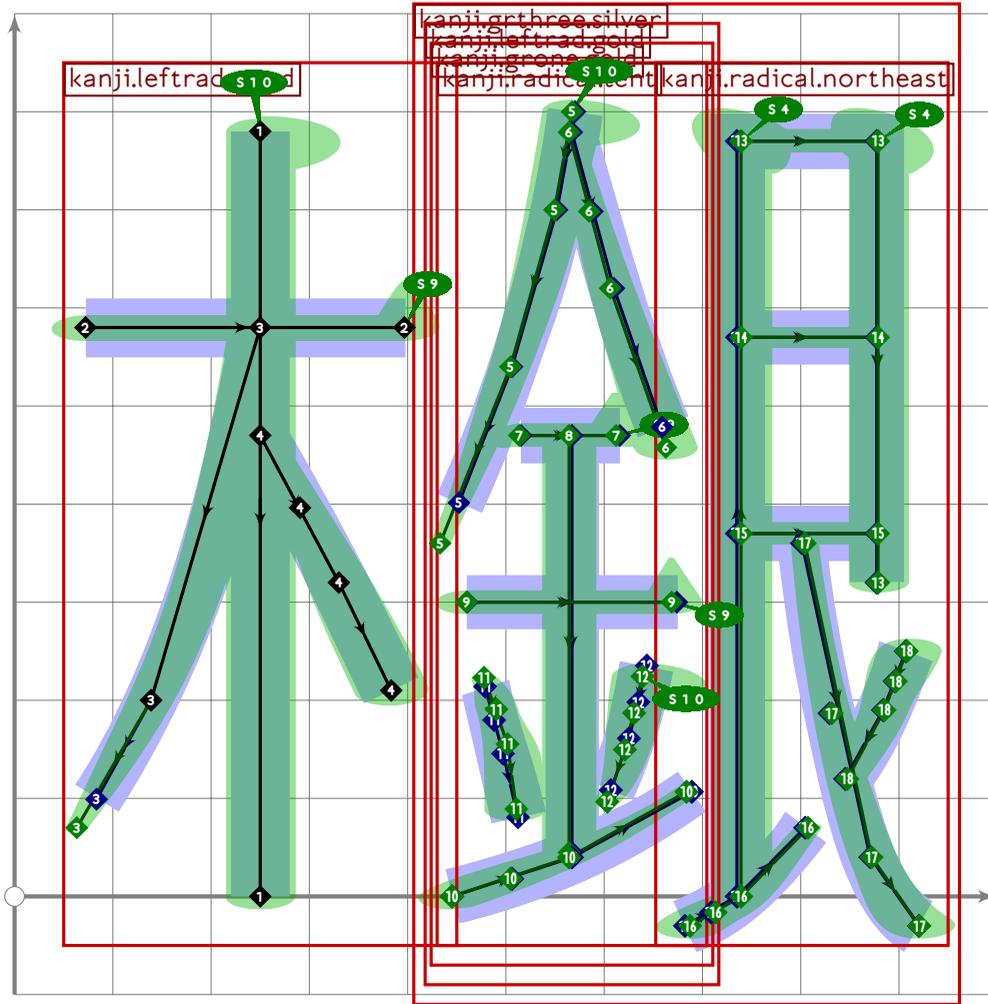
```
508 % extra
509 begintsuglyph("uni6AA5";165);
510 build_kanji.lr(440,20)
511 (kanji.leftrad.wood)
512 (kanji.grfive.righteousness);
513 tsu_render;
514 endsuglyph;
515
```



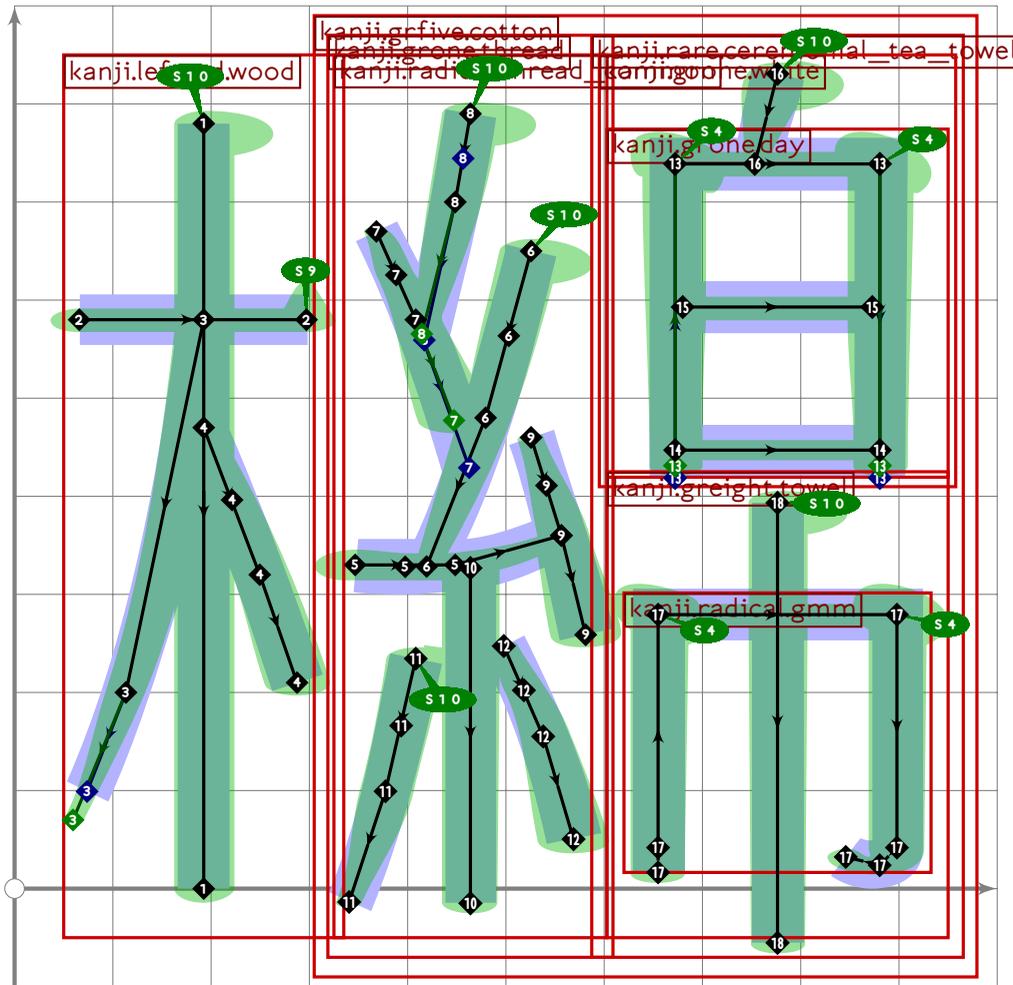
```
516 % extra: reki/kunugi "bak used for charcoal"  
517 begintsuglyph("uni6AAA";170);  
518 build_kanji.lr(440,20)  
519 (kanji.leftrad.wood)  
520 (kanji.grtwo.fun);  
521 tsu_render;  
522 endtsuglyph;  
523
```



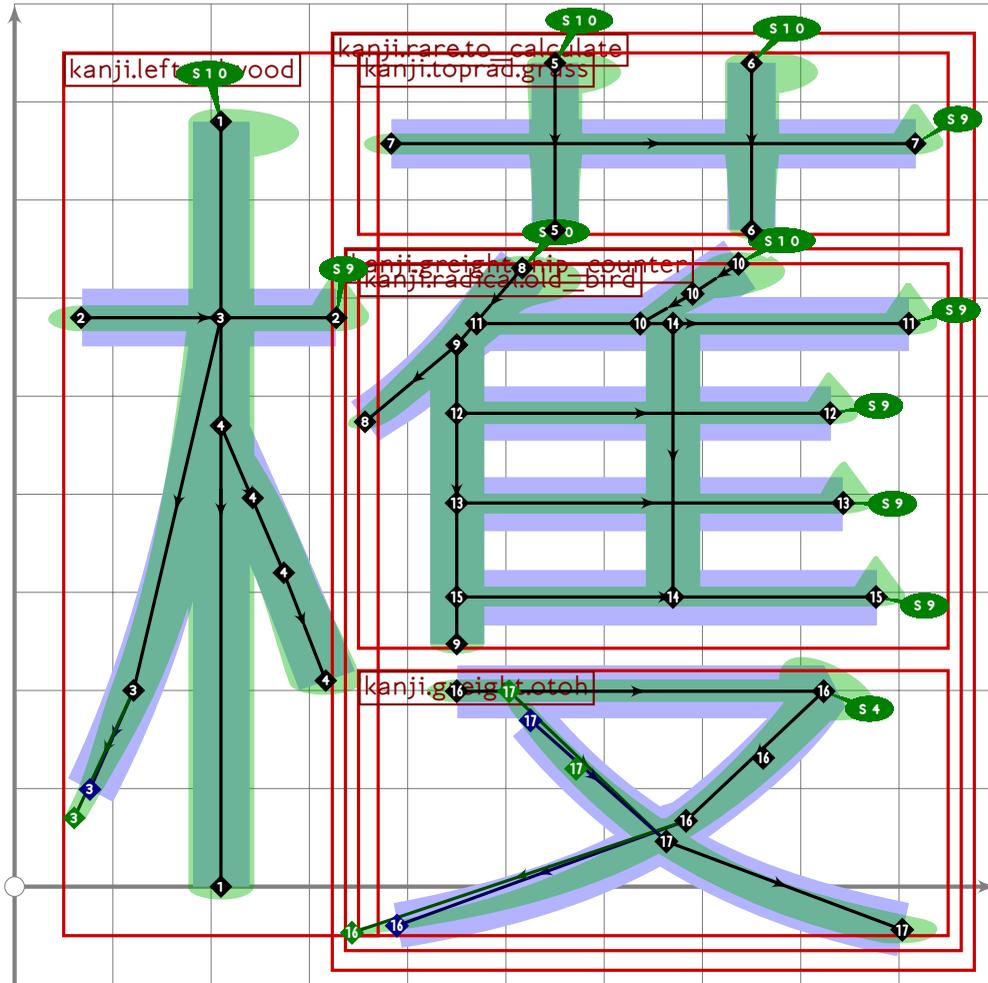
```
524 % extra satsu/shinbashira "sassafras tzumu" and a Buddhist technical term
525 begintsuglyph("uni6AAB";171);
526 build_kanji.lr(440,20)
527   (kanji.leftrad.wood)
528   (kanji.grfour.guess);
529   tsu_render;
530 endtsuglyph;
531
```



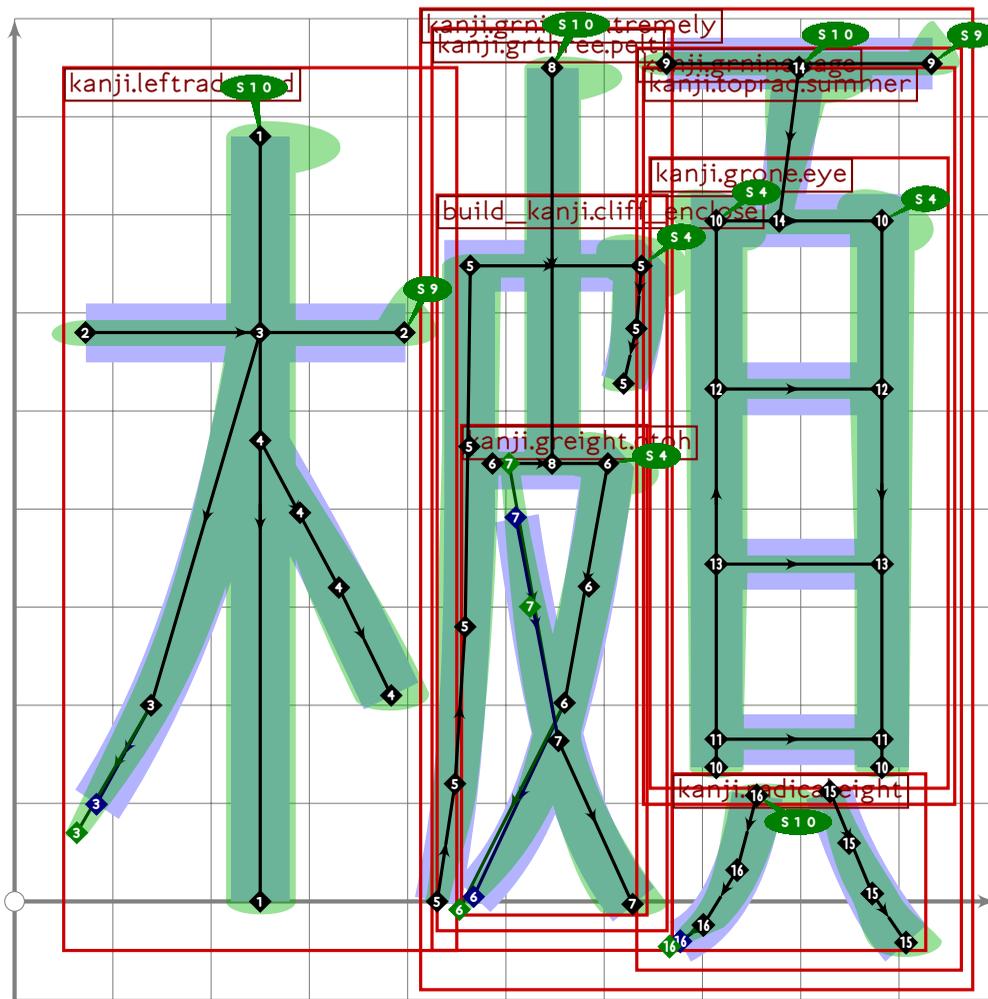
```
532 % extra
533 begintsuglyph("uni6AAD",173);
534 build_kanji.lr(440,20)
535 (kanji.leftrad.wood)
536 (kanji.grthree.silver);
537 tsu_render;
538 endsuglyph;
539
```



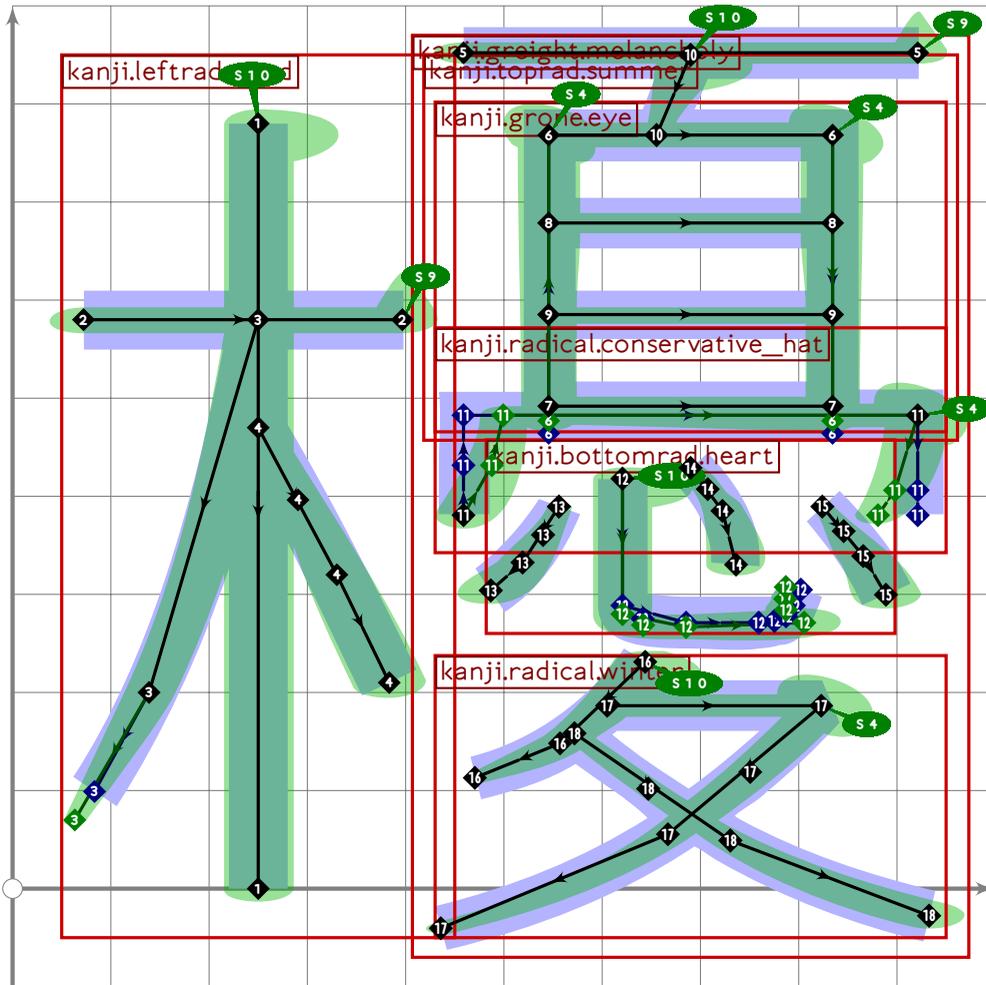
```
540 % extra: hen/tochiyuu
541 begintsuglyph("uni6AB0",176);
542 build_kanji.level(build_kanji.lr(330,10)
543   (kanji.leftrad.wood)
544   (kanji.grfive.cotton));
545 tsu_render;
546 endsuglyph;
547
```



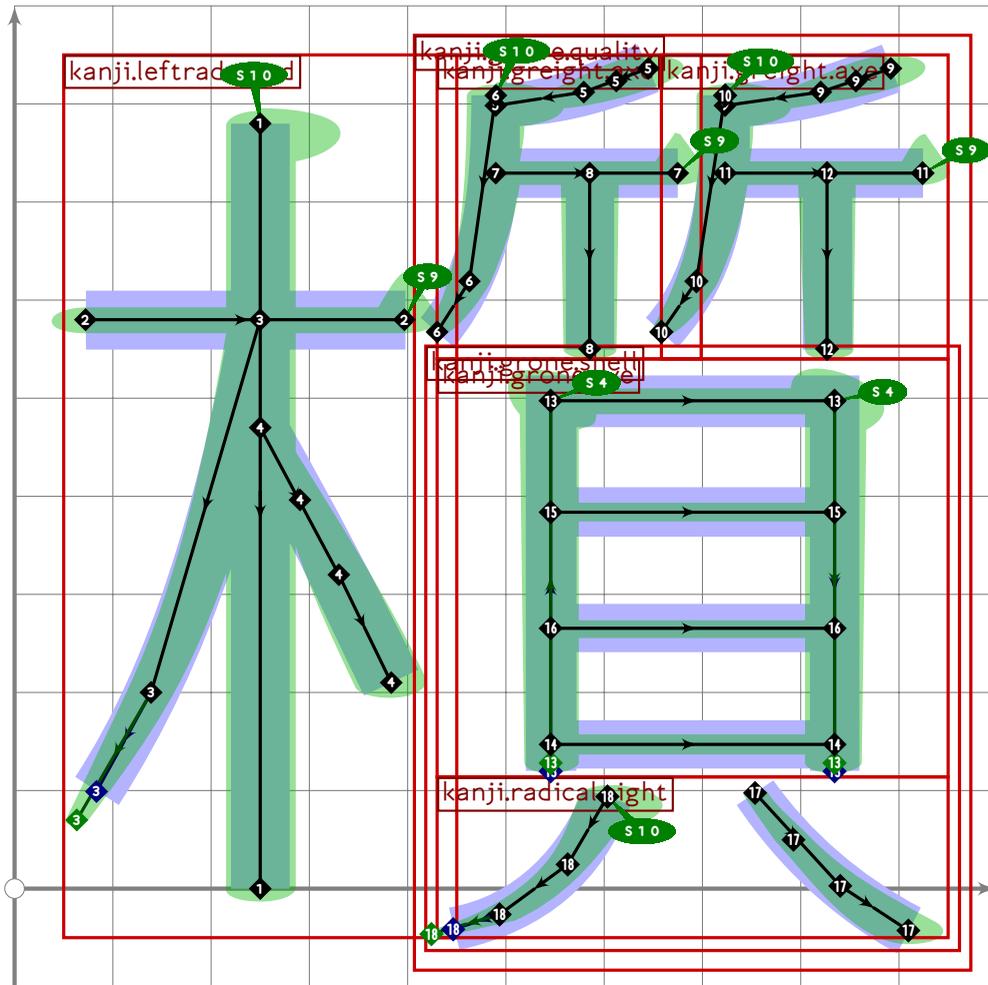
```
548 % extra: kaku/akinire "tree"  
549 begintsuglyph("uni6AB4";180);  
550 build_kanji.lr(360,20)  
551 (kanji.leftrad.wood)  
552 (kanji.rare.to_calculate);  
553 tsu_render;  
554 endsuglyph;  
555
```



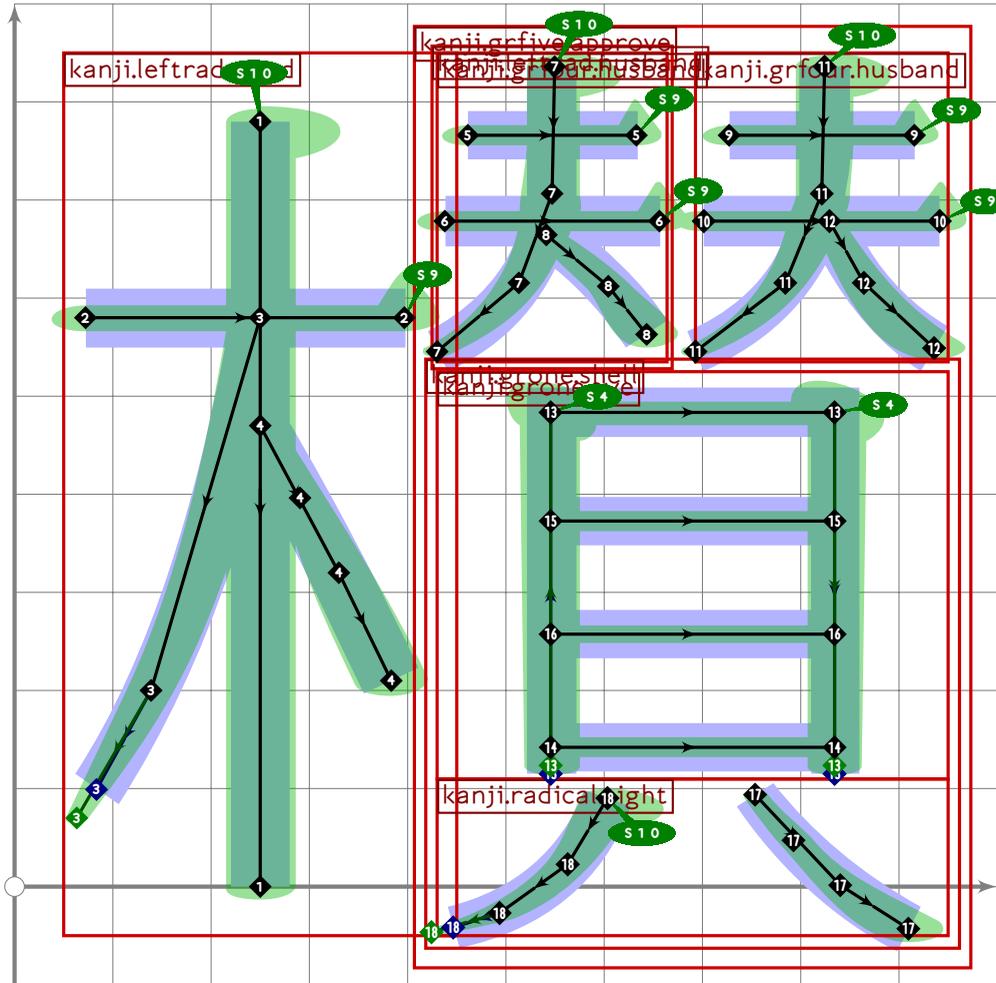
```
556 % extra
557 begintsuglyph("uni6AC7";199);
558 build_kanji.lr(440,20)
559 (kanji.leftrad.wood)
560 (kanji.grnine.extremely);
561 tsu_render;
562 endsuglyph;
563
```



```
564 % extra yuu/na "kind of hoe"  
565 begintsuglyph("uni6ACC";204);  
566 build_kanji.lr(440,20)  
567 (kanji.leftrad.wood)  
568 (kanji.greight.melancholy);  
569 tsu_render;  
570 endtsuglyph;  
571
```

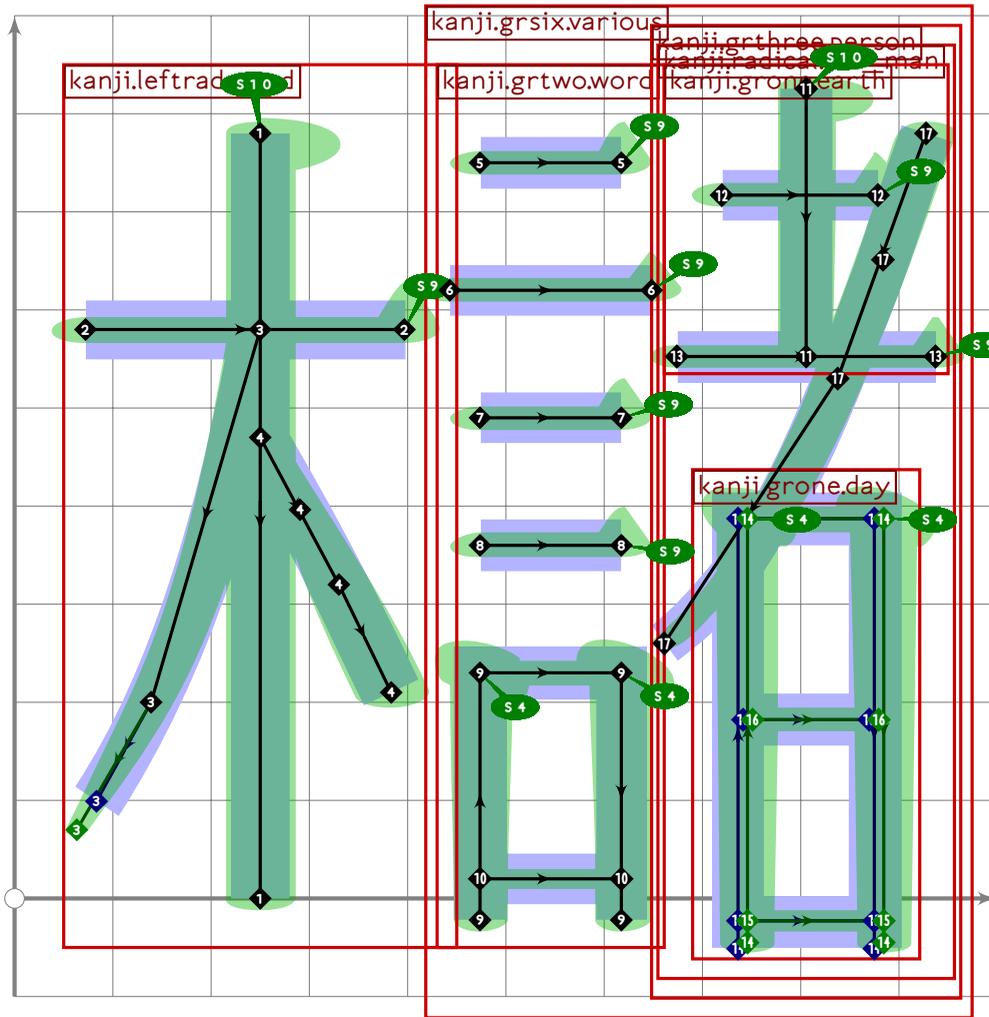


```
572 % extra
573 begintsuglyph("uni6ACD";205);
574 build_kanji.lr(440,20)
575 (kanji.leftrad.wood)
576 (kanji.grfive.quality);
577 tsu_render;
578 endtsuglyph;
579
```

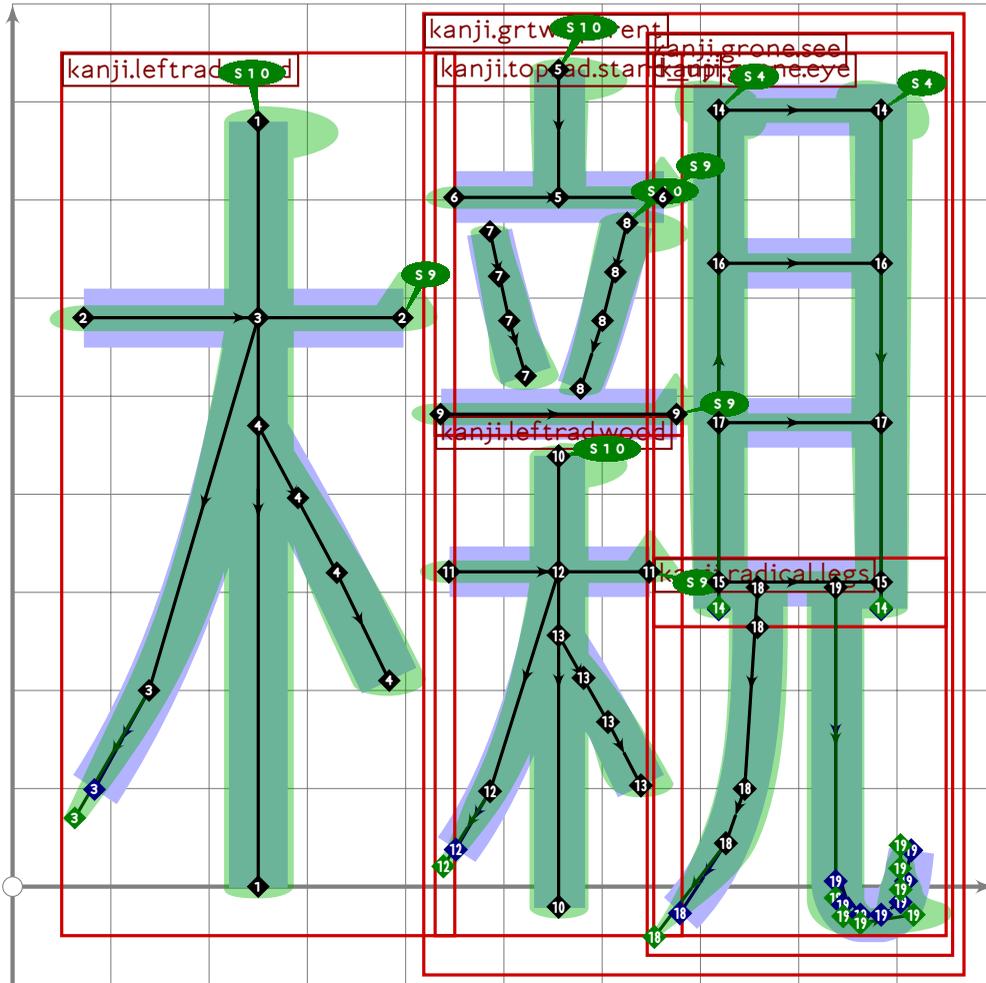


```
580 % extra
581 begintsuglyph("uni6AD5";213);
582 build_kanji.lr(440,20)
583 (kanji.leftrad.wood)
584 (kanji.grfive.approve);
585 tsu_render;
586 endtsuglyph;
587
588 % shitsu/kushi "comb"
589 begintsuglyph("uni6ADB";219);
590 kanji.grnine.comb;
591 tsu_render;
592 endtsuglyph;
593
```

[see page 3327]



```
594 % extra sou/kashi "oak"  
595 begintsuglyph("uni6AE7";231);  
596 build_kanji.lr(440,20)  
597 (kanji.leftrad.wood)  
598 (kanji.grsix.various);  
599 tsu_render;  
600 endtsuglyph;  
601
```

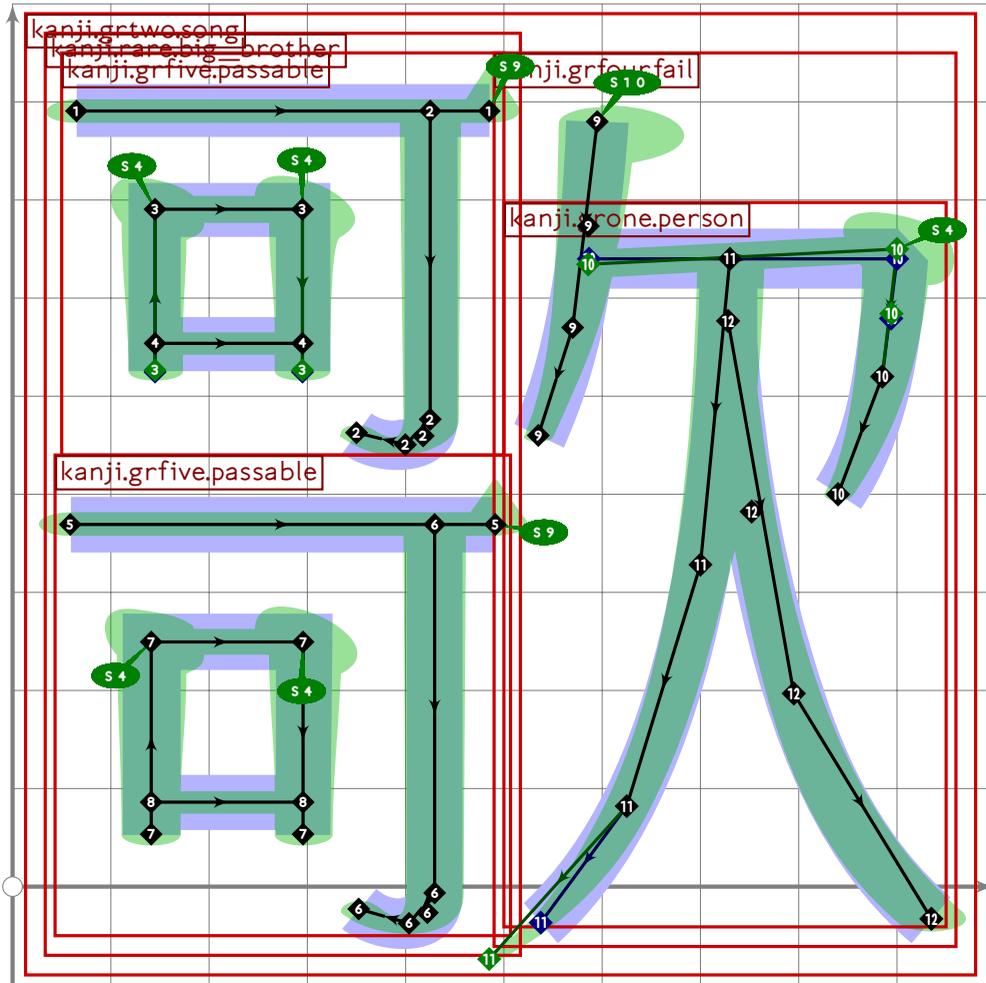


```
602 % extra shin/hitsugi "coffin" or "tung tree"  
603 begintsuglyph("uni6AEC";236);  
604 build_kanji.lr(440,20)  
605 (kanji.leftrad.wood)  
606 (kanji.grtwo.parent);  
607 tsu_render;  
608 endtsuglyph;  
609  
610 _____  
611  
612 endfont;  
613  
614 _____
```

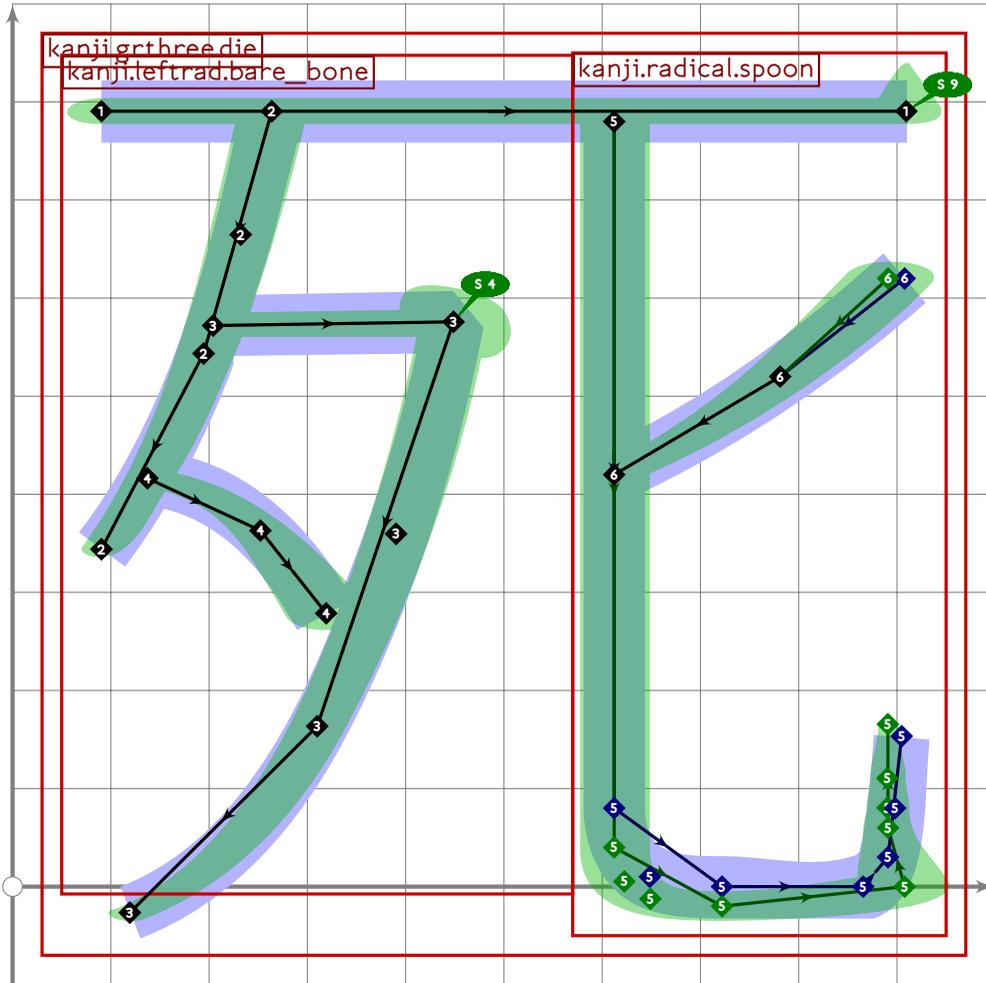
# tsuku-6b.mp

6B

```
1 %
2 % Unicode page 6B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradeone.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input leftrad.mp;
45 input radical.mp;
46 input rare.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51 _____
```

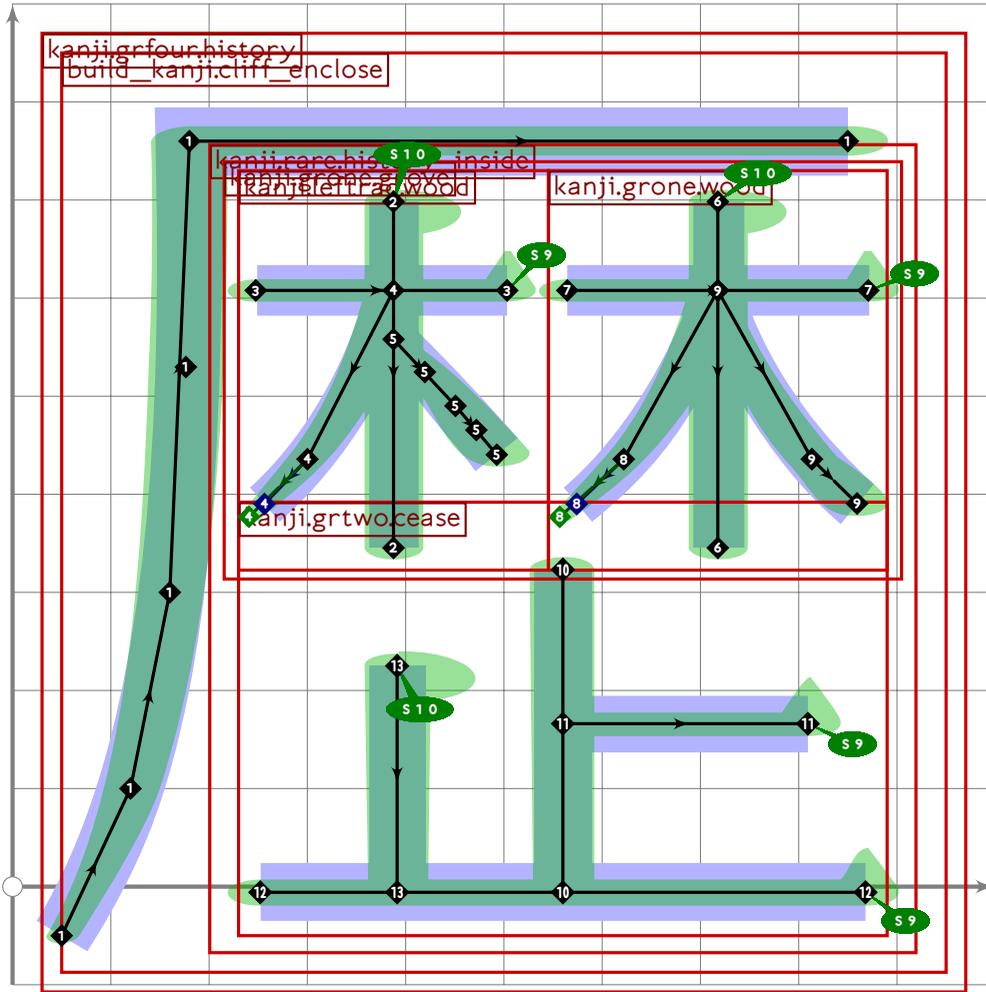


```
52  
53 vardef kanji.grtwo.song =  
54   push_pbox_toexpand("kanji.grtwo.song");  
55   build_kanji.lr(500,0)  
56     (kanji.rare.big_brother)  
57     (kanji.grfour.fail);  
58   expand_pbox;  
59 enddef;  
60  
61
```

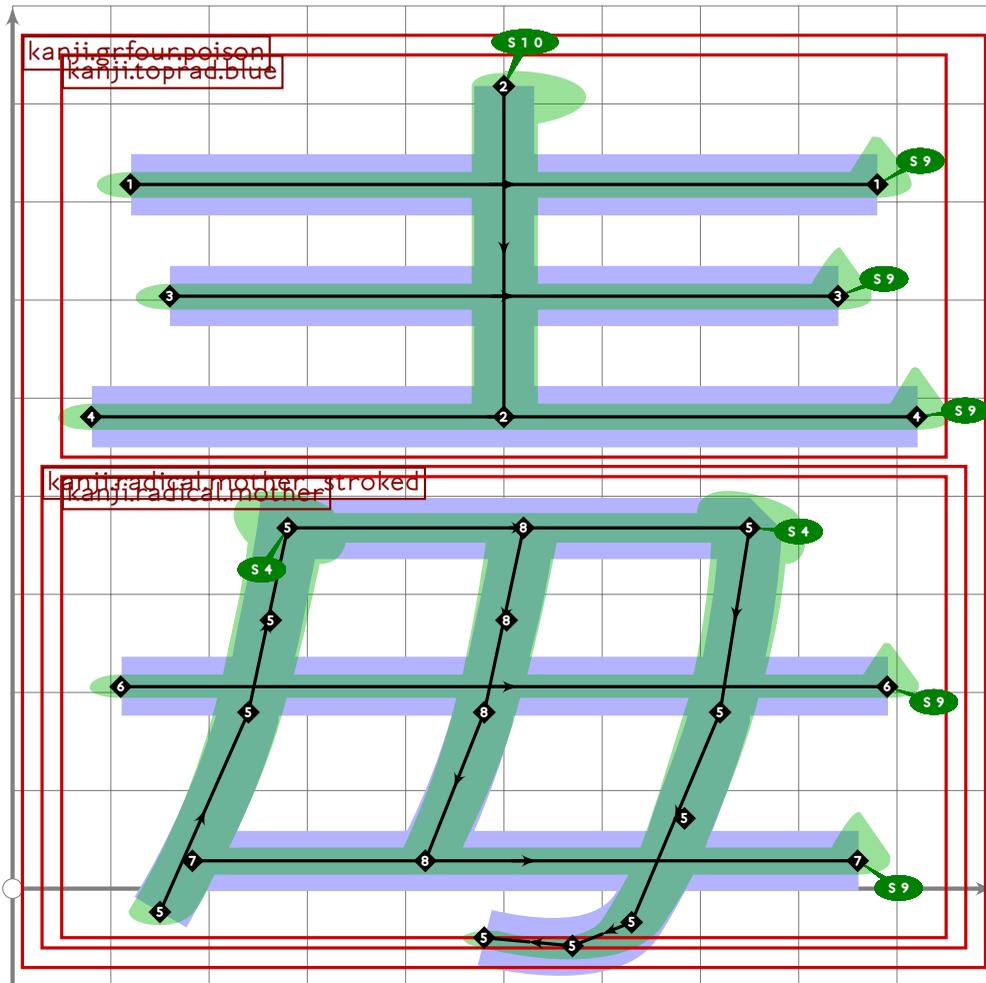


```
62
63 vardef kanji.grthree.die =
64   push_pbox_toexpand("kanji.grthree.die");
65   build_kanji.level(build_kanji.lr(570,0)
66     (tsu_xform(identity shifted (0,-800) yscaled 0.95 shifted (0,800))
67       (kanji.leftrad.bare_bone))
68     (kanji.radical.spoon));
69   set_boserif(-1,0,whatever);
70   set_boserif(0,0,whatever);
71   replace_strokep(-5)((point 0 of oldp)-
72     (1000-xpart point 0 of oldp,y part point 1 of oldp));
73   expand_pbox;
74 enddef;
75
76
```

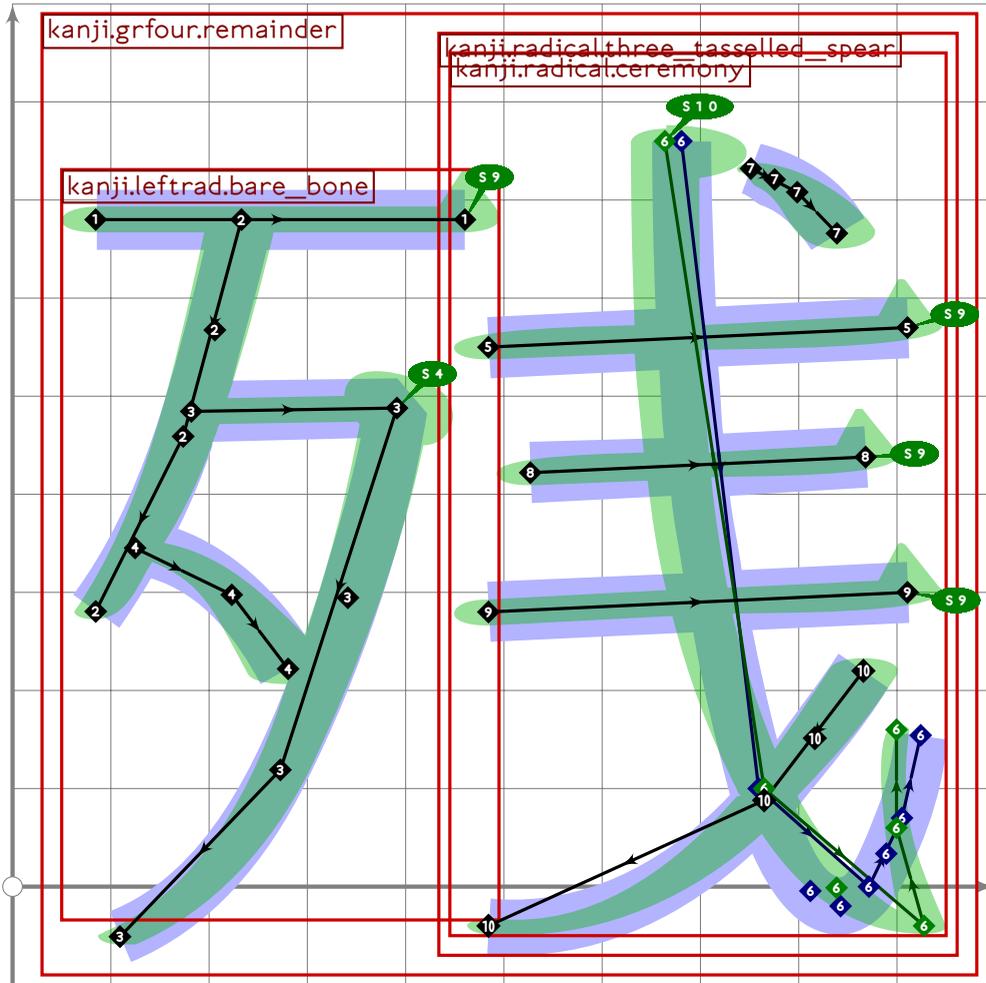
6B



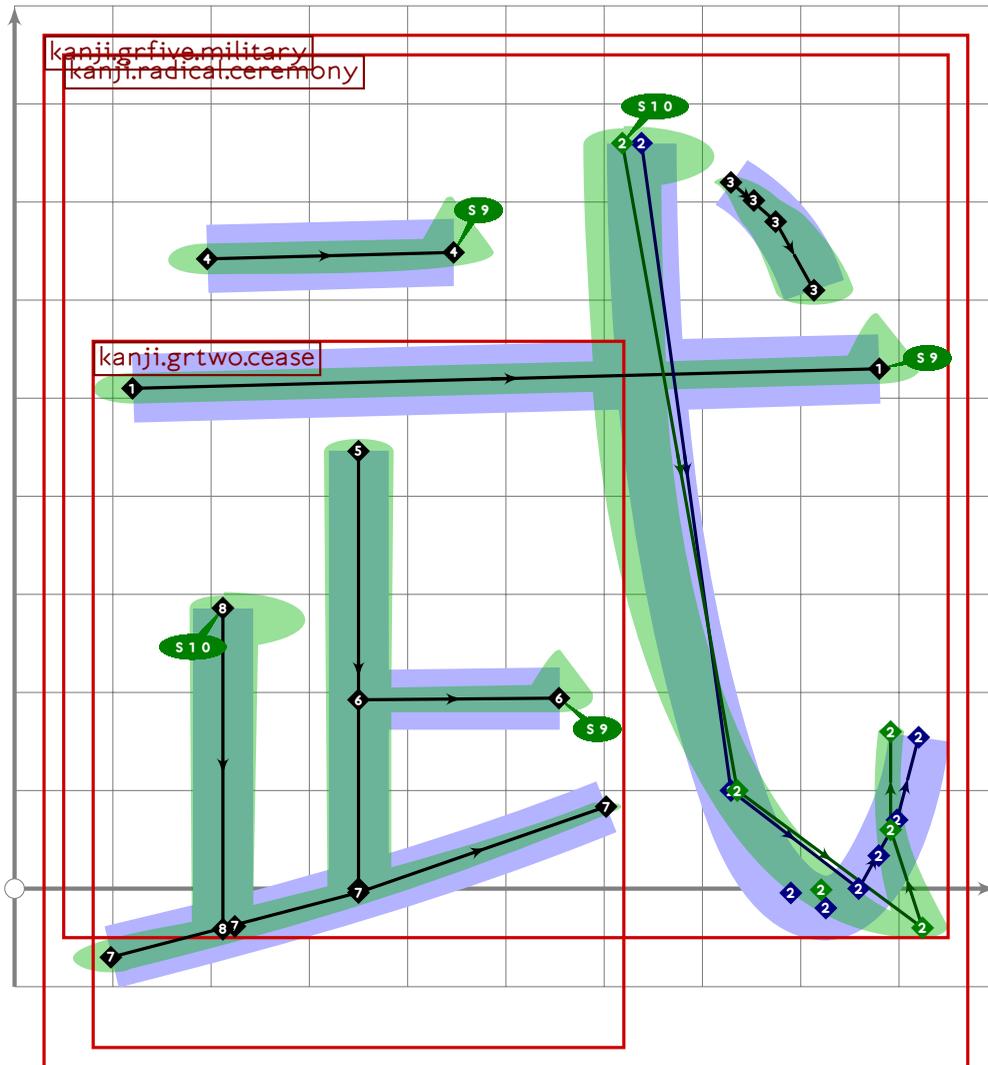
```
77  
78 vardef kanji.grfour.history =  
79   push_pbox_toexpand("kanji.grfour.history");  
80   build_kanji.cliff_enclose(kanji.rare.history_inside);  
81   expand_pbox;  
82 enddef;
```



```
83  
84 vardef kanji.grfour.poison =  
85   push_pbox_toexpand("kanji.grfour.poison");  
86   build_kanji.level(build_kanji.tb(430;-20)  
87     (kanji.toprad.blue)  
88     (kanji.radical.mother_stroked));  
89   expand_pbox;  
90 enddef;
```



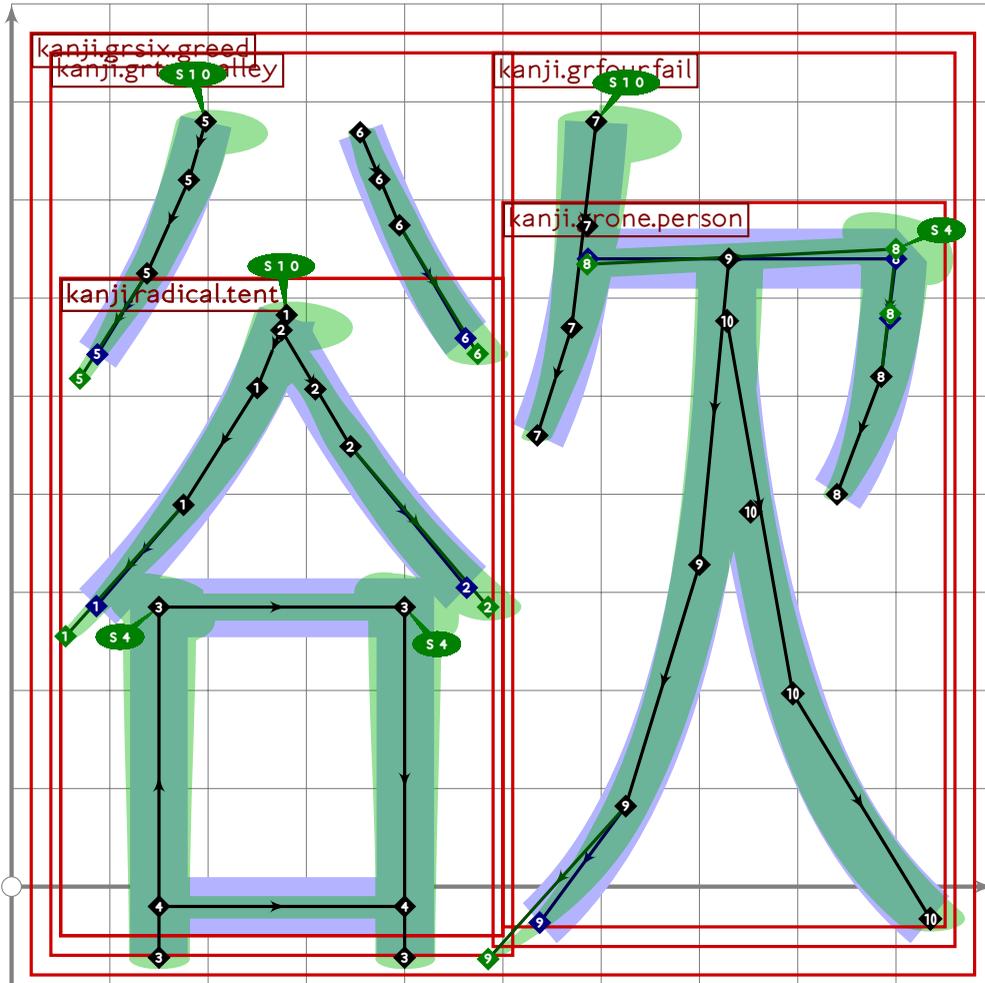
```
91  
92 vardef kanji.grfour.remaining =  
93   push_pbox_toexpand("kanji.grfour.remaining");  
94   build_kanji.level(build_kanji.lr(470,50)  
95     (build_kanji.scale(yscaled 0.85 shifted (0;-50))  
96       (kanji.leftrad.bare_bone))  
97     (kanji.radical.three_tasselled_spear));  
98   expand_pbox;  
99 enddef;  
100  
101
```



```

102
103 vardef kanji.grfive.military =
104   push_pbox_toexpand("kanji.grfive.military");
105   kanji.radical.ceremony;
106   replace_stroke(-1)(oldp shifted (-950,0) xscaled 0.65 shifted (950,0));
107   replace_stroke(0)(oldp shifted (-950,0) xscaled 0.65 shifted (950,0));
108   push_stroke(subpath (0,1,0,43) of get_stroke(-2) shifted (0,130),
109     get_stroke(-2));
110   set_boserif(0,19);
111   build_kanji.sscale(xyscaled (0.6,0.8) shifted (-150,-200))
112     (build_kanji.lift_skirt(400,250)(kanji.grtwo.cease));
113   expand_pbox;
114 enddef;
115
116

```

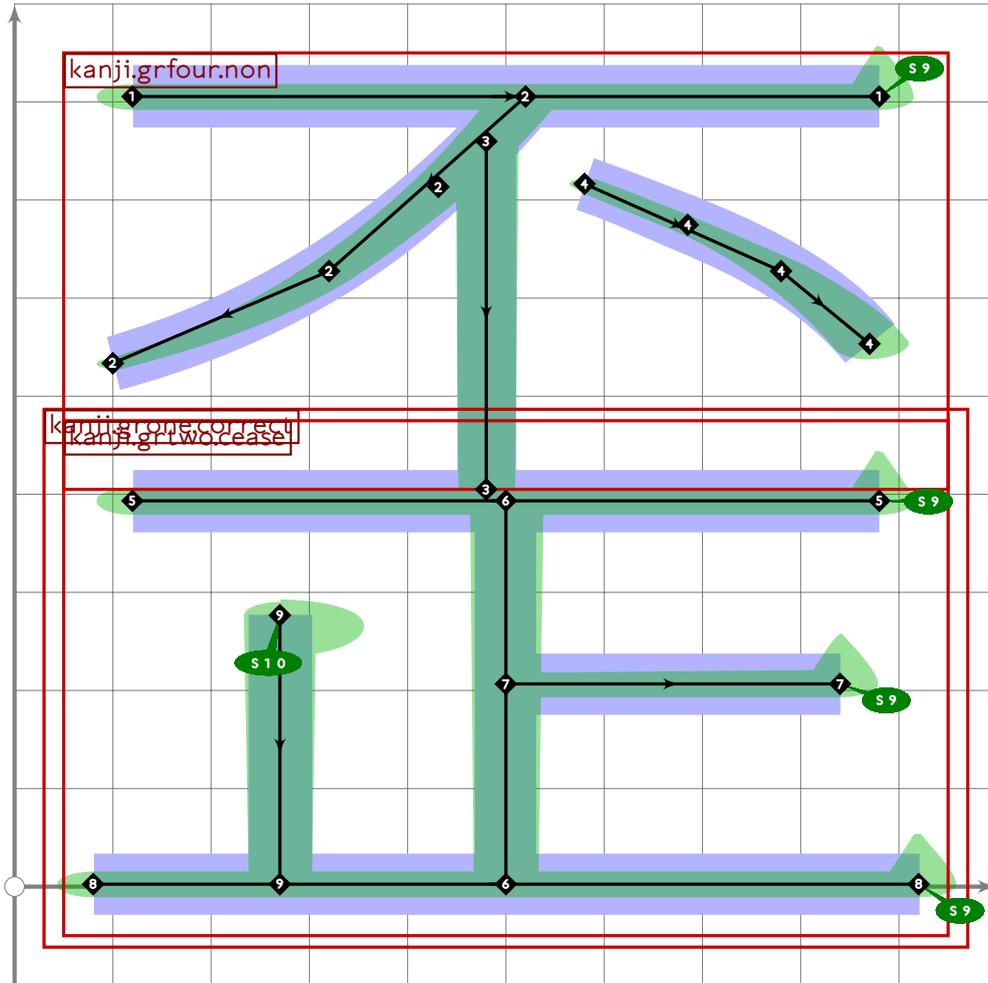


```
117
118 vardef kanji.grsix.greed =
119   push_pbox_toexpand("kanji.grsix.greed");
120   build_kanji.lr(500,0)
121     (kanji.grtwo.valley)
122     (kanji.grfour.fail);
123   expand_pbox;
124 enddef;
125
126
127
128 % ketsu/ka/akubi "fail" or "yawn"
129 begintsuglyph("uni6B20";32);
130   kanji.grfour.fail;
131   tsu_render;
132 endtsuglyph;
133
134 % ji/tsugi "next"
135 begintsuglyph("uni6B21";33);
136   kanji.grthree.next;
137   tsu_render;
```

[see page 708]

[see page 654]

138 endtsuglyph;  
 139  
 140 % yoku/ho "greed"  
 141 begintsuglyph("uni6B32";50); [see page 3388]  
 142 kanji.grsix.greed;  
 143 tsu\_render;  
 144 endtsuglyph;  
 145  
 146 % ka/uta "song"  
 147 begintsuglyph("uni6B4C";76); [see page 3382]  
 148 kanji.grtwo.song;  
 149 tsu\_render;  
 150 endtsuglyph;  
 151  
 152 % shi/toma "stop"  
 153 begintsuglyph("uni6B62";98); [see page 501]  
 154 kanji.grtwo.cease;  
 155 tsu\_render;  
 156 endtsuglyph;  
 157  
 158 % sei/tada/machi "correct"  
 159 begintsuglyph("uni6B63";99); [see page 430]  
 160 kanji.grone.correct;  
 161 tsu\_render;  
 162 endtsuglyph;  
 163  
 164 % bu/take "military"  
 165 begintsuglyph("uni6B66";102); [see page 3387]  
 166 kanji.grfive.military;  
 167 tsu\_render;  
 168 endtsuglyph;  
 169  
 170 % ho/aruku "walk"  
 171 begintsuglyph("uni6B69";105); [see page 590]  
 172 kanji.grtwo.walk;  
 173 tsu\_render;  
 174 endtsuglyph;  
 175



```

176 % extra: wai/iga "warp"
177 begintsuglyph("uni6B6A",106);
178 build_kanji.tb(440,70)
179 (kanji.grfour.non)
180 (kanji.grone.correct);
181 tsu_render;
182 endsuglyph;
183
184 % shi/ha "tooth"
185 begintsuglyph("uni6B6F",111);
186 kanji.grthree.tooth;
187 tsu_render;
188 endsuglyph;
189
190 % reki "history"
191 begintsuglyph("uni6B74",116);
192 kanji.grfour.history;
193 tsu_render;
194 endsuglyph;
195
196 % gatsu "bare bone radical"

```

[see page 677]

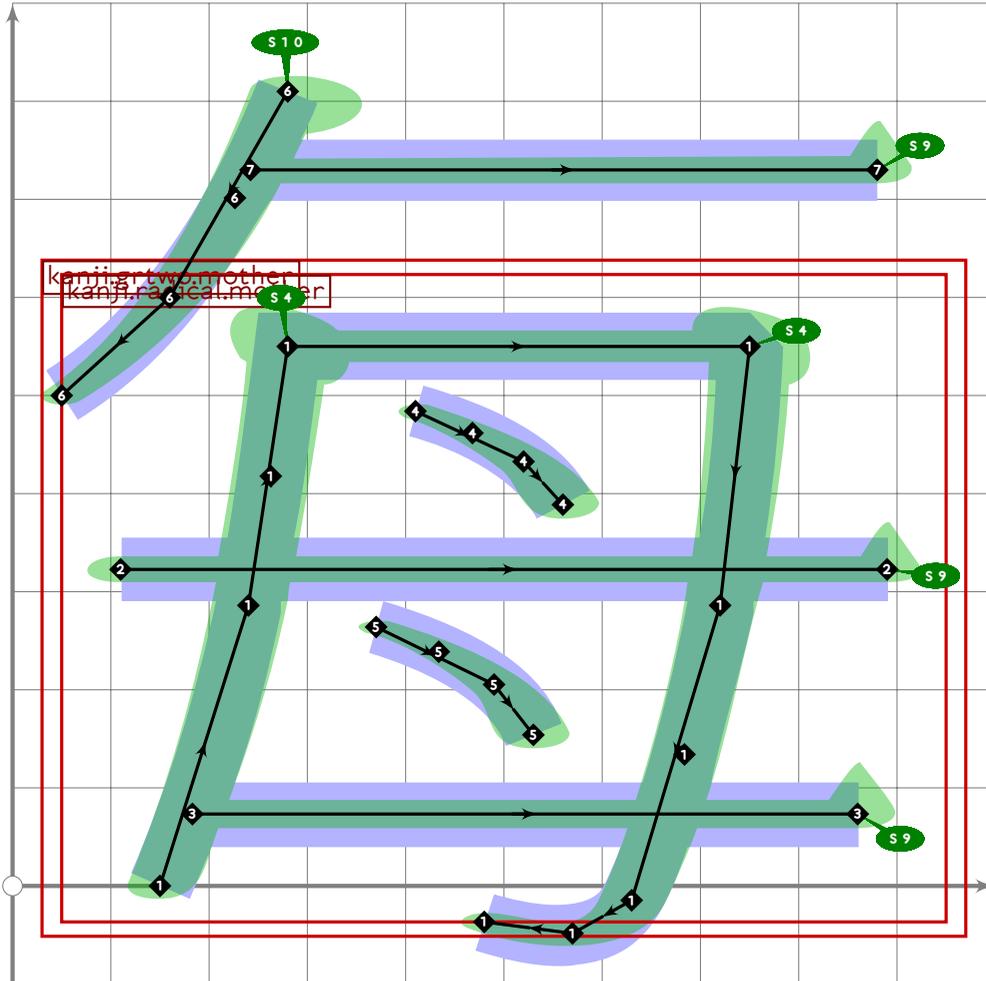
[see page 723]

197 begintsuglyph("uni6B79";121); [see page 848]  
 198 kanji.leftrad.bare\_bone;  
 199 tsu\_render;  
 200 endtsuglyph;  
 201  
 202 % shi "die"  
 203 begintsuglyph("uni6B7B";123); [see page 3383]  
 204 kanji.grthree.die;  
 205 tsu\_render;  
 206 endtsuglyph;  
 207  
 208 % zan/noko "remainder"  
 209 begintsuglyph("uni6B8B";139); [see page 3386]  
 210 kanji.grfour.remainder;  
 211 tsu\_render;  
 212 endtsuglyph;  
 213  
 214 % shu/mata "windy again radical"  
 215 begintsuglyph("uni6BB3";179); [see page 898]  
 216 kanji.radical.windy\_again;  
 217 tsu\_render;  
 218 endtsuglyph;  
 219  
 220 % satsu/koro "kill"  
 221 begintsuglyph("uni6BBA";186); [see page 727]  
 222 kanji.grfour.kill;  
 223 tsu\_render;  
 224 endtsuglyph;  
 225  
 226 % extra: mother radical, stroked version  
 227 begintsuglyph("uni6BCB";203); [see page 878]  
 228 kanji.radical.mother\_stroked;  
 229 tsu\_render;  
 230 endtsuglyph;  
 231  
 232 % further variation  
 233 begintsuglyph("uni6BCC";204); [see page 1084]  
 234 kanji.rare.penetrate;  
 235 tsu\_render;  
 236 endtsuglyph;  
 237  
 238 % bo/haha "mother"  
 239 begintsuglyph("uni6BCD";205); [see page 552]  
 240 kanji.grtwo.mother;  
 241 tsu\_render;  
 242 endtsuglyph;  
 243  
 244 % mai/goto "every"

```

245 begintsuglyph("uni6BCE";206);
246 kanji.grtwo.every;
247 tsu_render;
248 endtsuglyph;
249

```



```

250 % extra, closely related to previous
251 begintsuglyph("uni6BCF";207);
252 tsu_xform(identity yscaled (550/750))
253   (kanji.grtwo.mother);
254 push_stroke((280,810)..tension 1.2..(160,600)..(50,500),
255   (1.7,1.7)-(1.5,1.5)-(1.2,1.2));
256 set_boserif(0,0,10);
257 set_bosize(0,90);
258 push_stroke((get_strokep(0) intersectionpoint ((0,730)-(1000,730)))-
259   (880,730),
260   (1.5,1.5)-(1.6,1.6));
261 set_boserif(0,1,9);
262 set_bosize(0,90);
263 tsu_render;
264 endtsuglyph;
265

```

266 % doku "poison"  
 267 begintsuglyph("uni6BD2";210); [see page 3385]  
 268 kanji.grfour.poison;  
 269 tsu\_render;  
 270 endtsuglyph;  
 271  
 272 % hi/kura "compare"  
 273 begintsuglyph("uni6BD4";212); [see page 771]  
 274 kanji.grfive.compare;  
 275 tsu\_render;  
 276 endtsuglyph;  
 277  
 278 % mou/ke "hair"  
 279 begintsuglyph("uni6BDB";219); [see page 529]  
 280 kanji.grtwo.hair;  
 281 tsu\_render;  
 282 endtsuglyph;  
 283  
 284 \_\_\_\_\_  
 285  
 286 endfont;  
 287  
 288 \_\_\_\_\_

# tsuku-6c.mp

6C

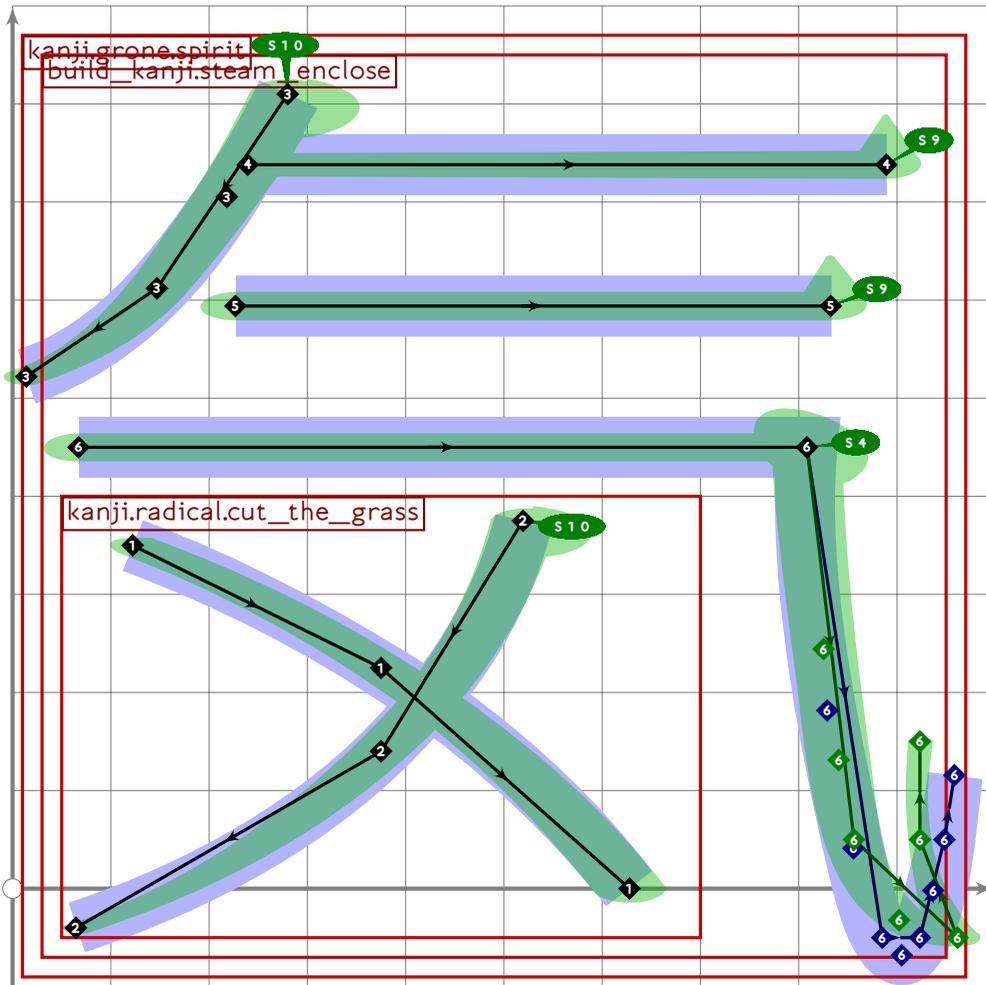
```
1 %
2 % Unicode page 6C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradethree.mp;
46 input gradetwo.mp;
47 input leftrad.mp;
48 input radical.mp;
49 input rare.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54 

---

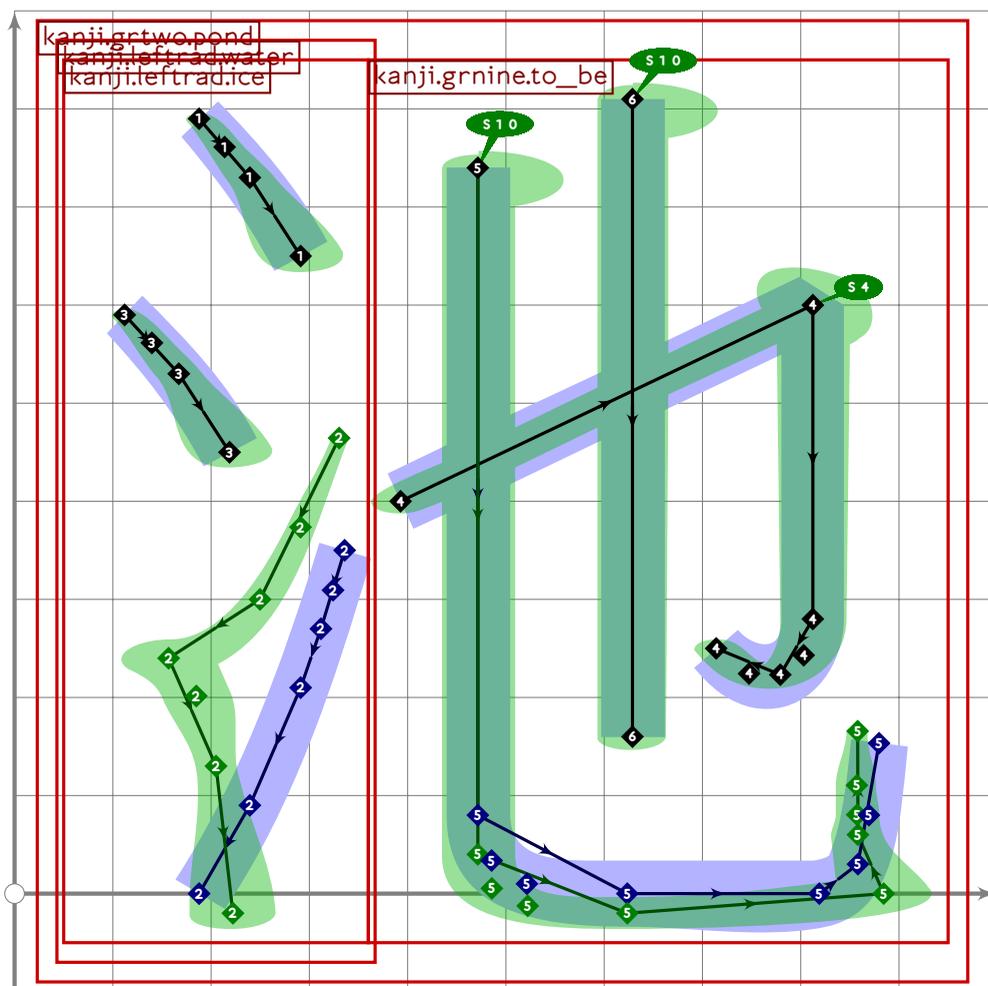

```



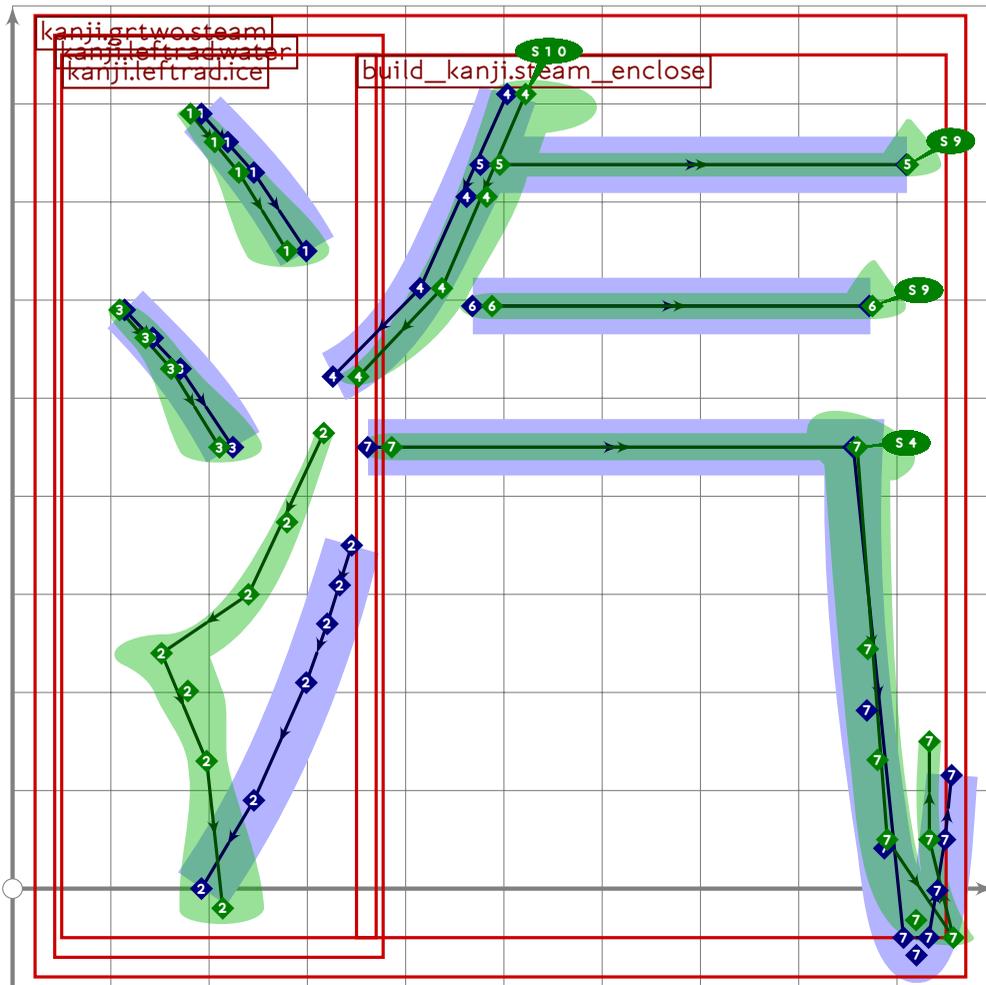
```
55  
56 vardef kanji.grone.spirit =  
57   push_pbox_toexpand("kanji.grone.spirit");  
58   build_kanji.steam_enclose((700,400))  
59   (kanji.radical.cut_the_grass);  
60   expand_pbox;  
61 enddef;  
62  
63
```

U+6C60  
tsuku.uni6C60

6C



```
64  
65 vardef kanji.grtwo.pond =  
66   push_pbox_toexpand("kanji.grtwo.pond");  
67   build_kanji.lr(360,0)  
68     (kanji.leftrad.water)  
69     (kanji.grnine.to_be);  
70   expand_pbox;  
71 enddef;
```

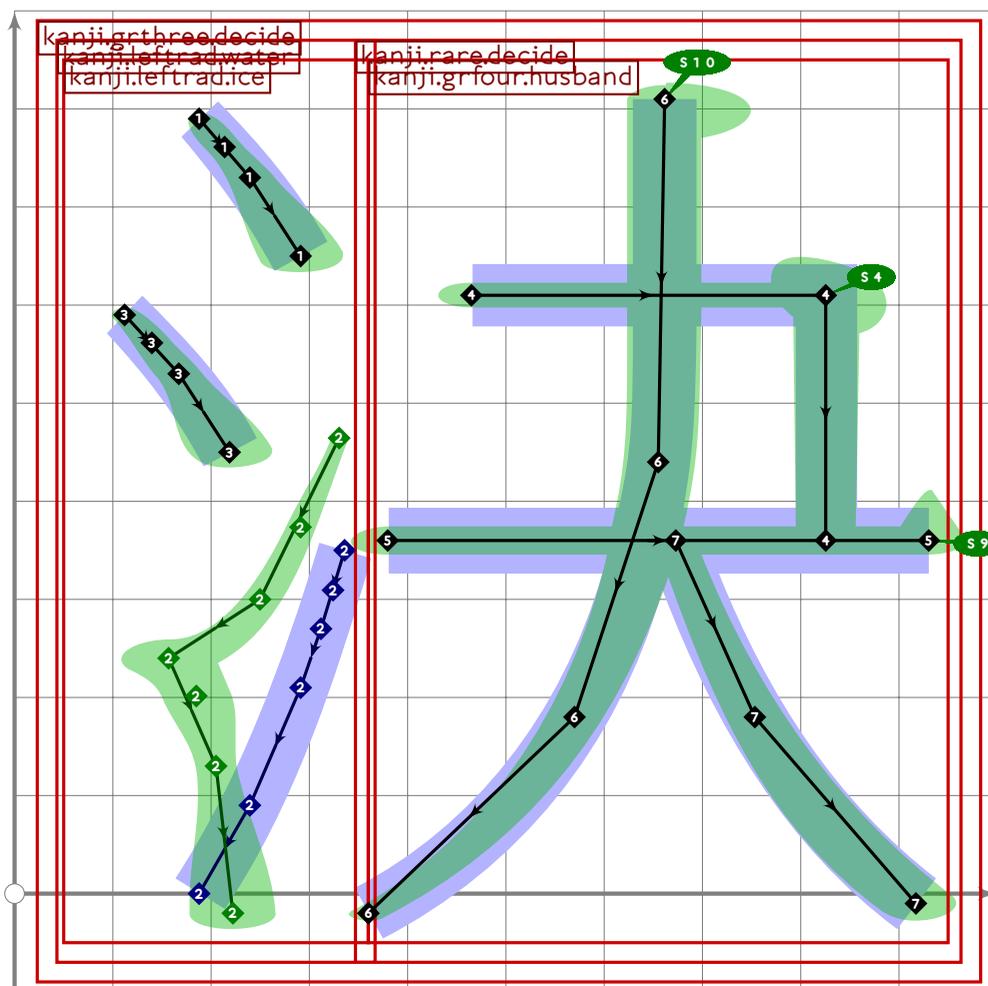


6C

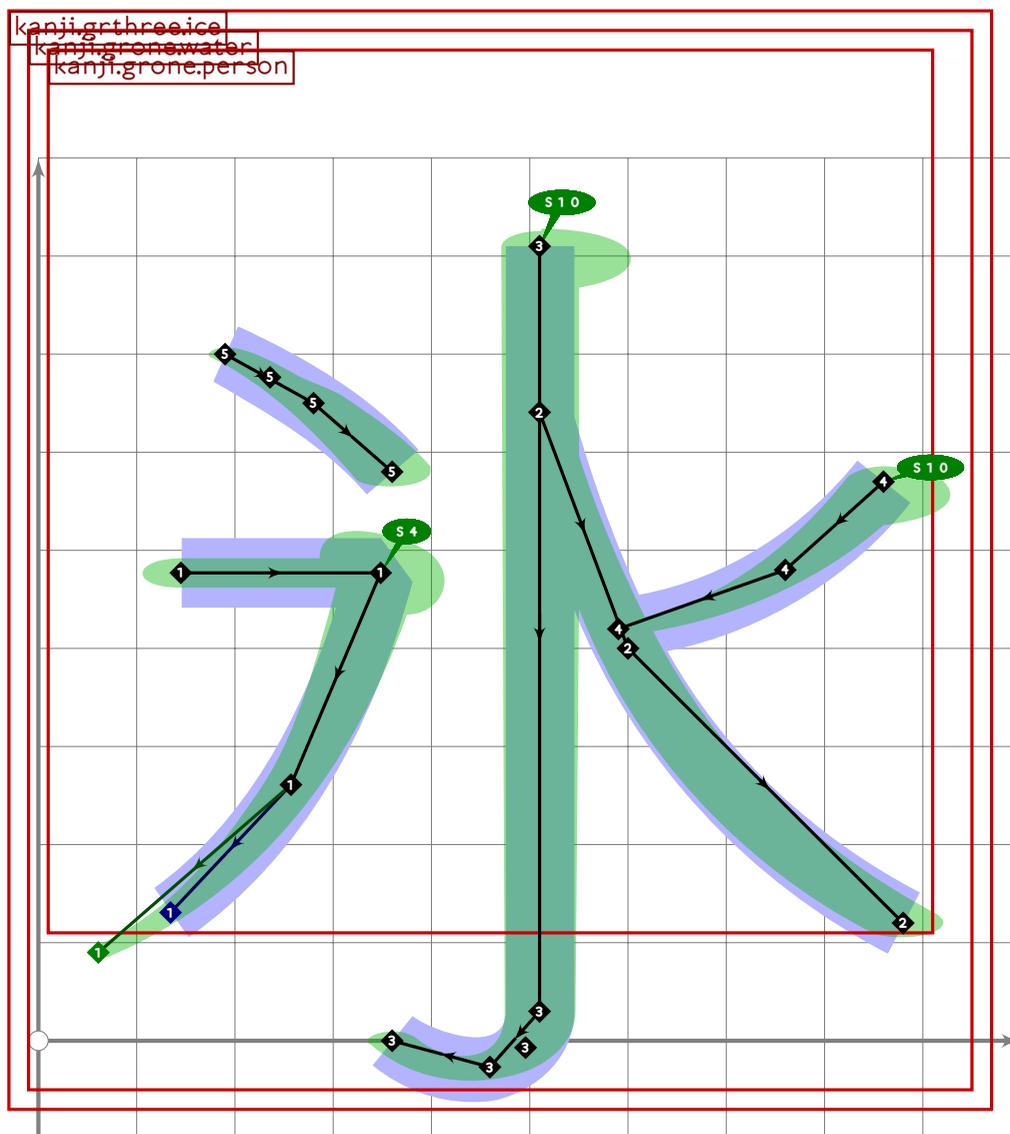
```
72  
73 vardef kanji.grtwo.steam =  
74   push_pbox_toexpand("kanji.grtwo.steam");  
75   build_kanji.lr(360,20-50*mincho)  
76     (kanji.leftrad.water)  
77     (build_kanji.steam_enclose((700,400))());  
78   expand_pbox;  
79 enddef;  
80  
81
```

U+6C7A  
tsuku.uni6C7A

6C



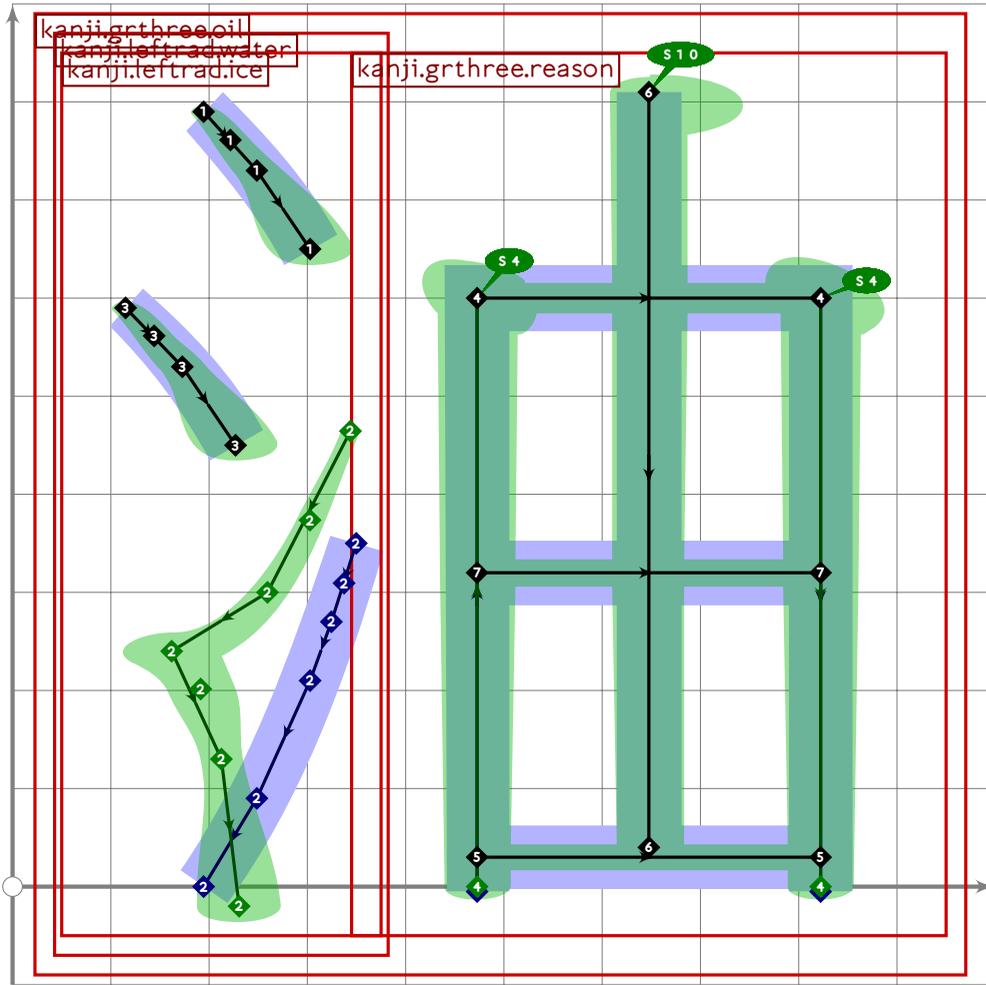
```
82
83 vardef kanji.grthree.decide =
84   push_pbox_toexpand("kanji.grthree.decide");
85   build_kanji.lr(360,0)
86     (kanji.leftrad.water)
87     (kanji.rare.decide);
88   expand_pbox;
89 enddef;
```



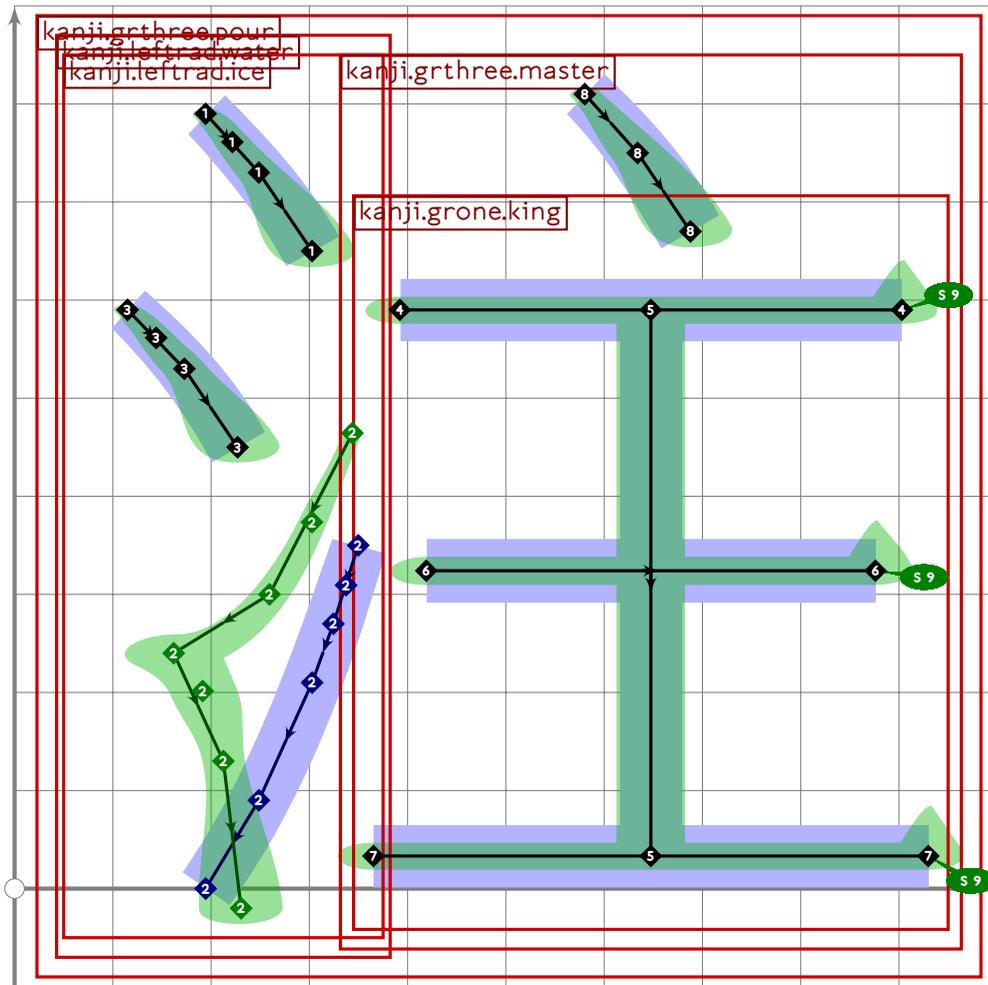
```

90
91 vardef kanji.grthree.ice =
92   push_pbox_toexpand("kanji.grthree.ice");
93   kanji.gronewater;
94   replace_strokep(-3)(oldp yscaled 0.9);
95   push_stroke((190,700)..tension 1.2..(280,650)..(360,580),
96     (1,1)-(14,14)-(1.6,1.6));
97   expand_pbox;
98 enddef;

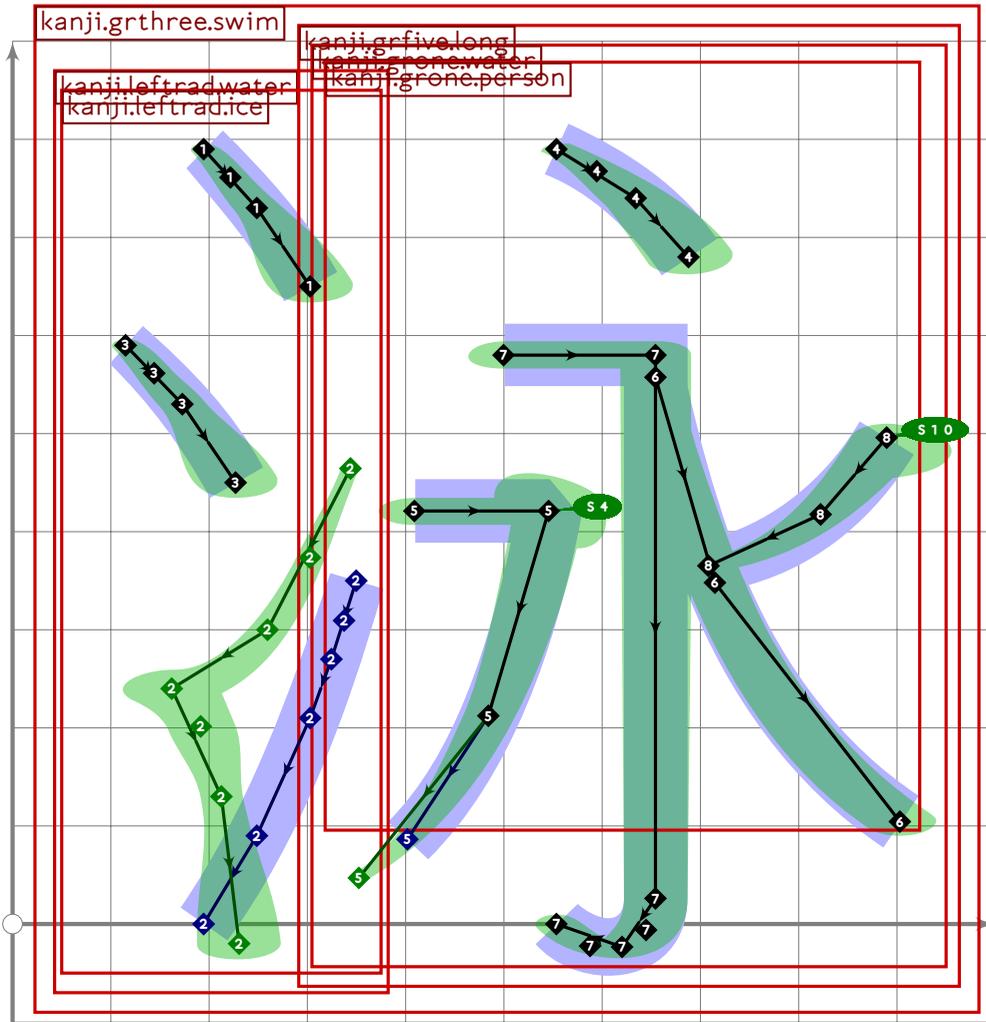
```



```
99
100 vardef kanji.grthree.oil =
101   push_pbox_toexpand("kanji.grthree.oil");
102   build_kanji.lr(360,30)
103     (kanji.leftrad.water)
104     (kanji.grthree.reason);
105   expand_pbox;
106 enddef;
```



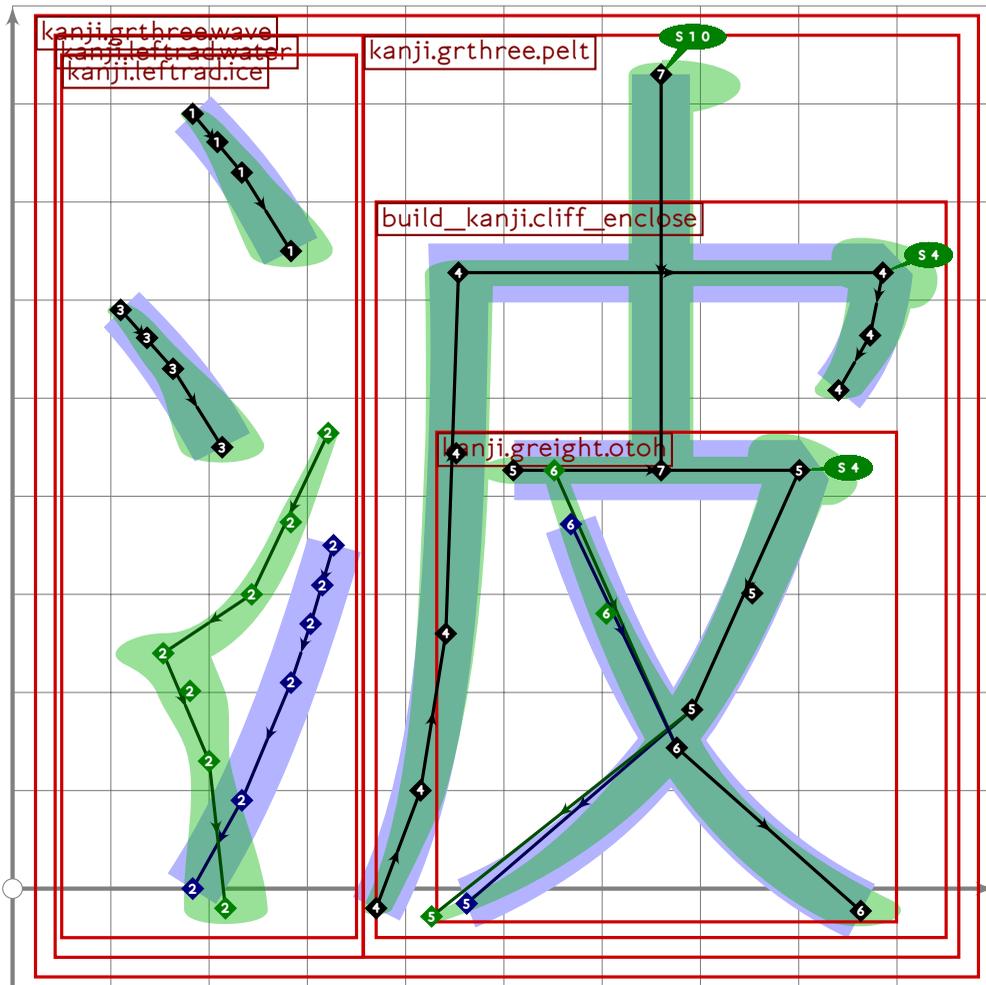
```
107
108 vardef kanji.grthree.pour =
109   push_pbox_toexpand("kanji.grthree.pour");
110   build_kanji.lr(360,30)
111     (kanji.leftrad.water)
112     (kanji.grthree.master);
113   expand_pbox;
114 enddef;
```



```

115
116 vardef kanji.grthree.swim =
117   push_pbox_toexpand("kanji.grthree.swim");
118   build_kanji.lr(360,30)
119     (kanji.leftrad.water)
120     (kanji.grfive.long);
121   expand_pbox;
122 enddef;

```

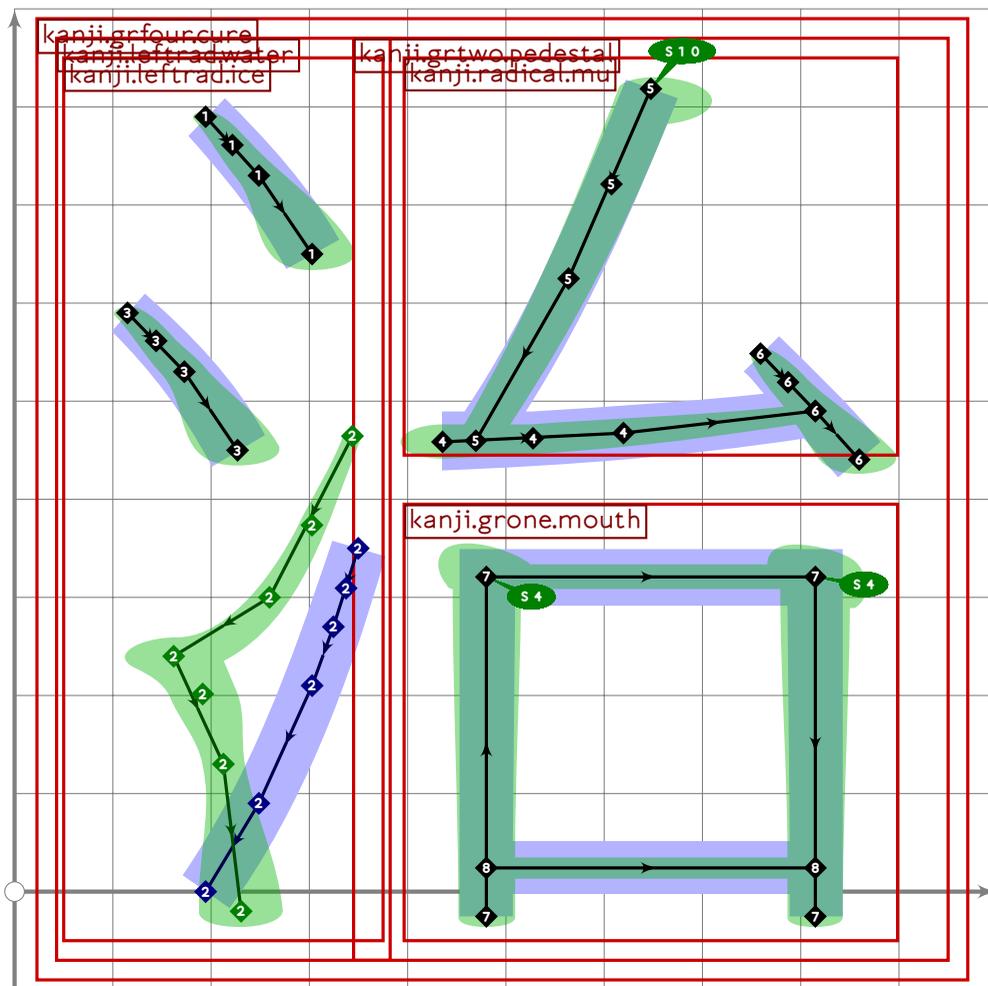


6C

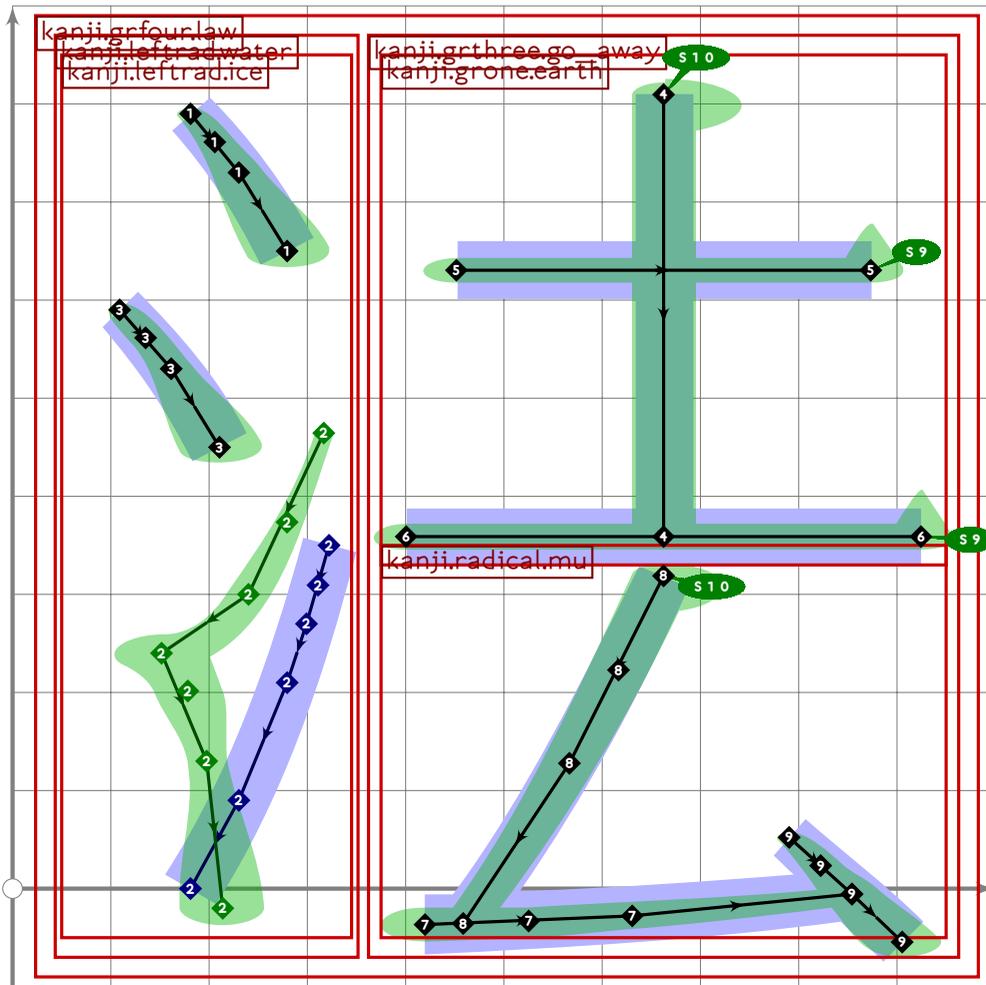
```

123
124 vardef kanji.grthree.wave =
125   push_pbox_toexpand("kanji.grthree.wave");
126   build_kanji.lr(360,-20)
127     (kanji.leftrad.water)
128     (tsu_xform(identity shifted (0,20))(kanji.grthree.pelt));
129   expand_pbox;
130 enddef;
131
132

```



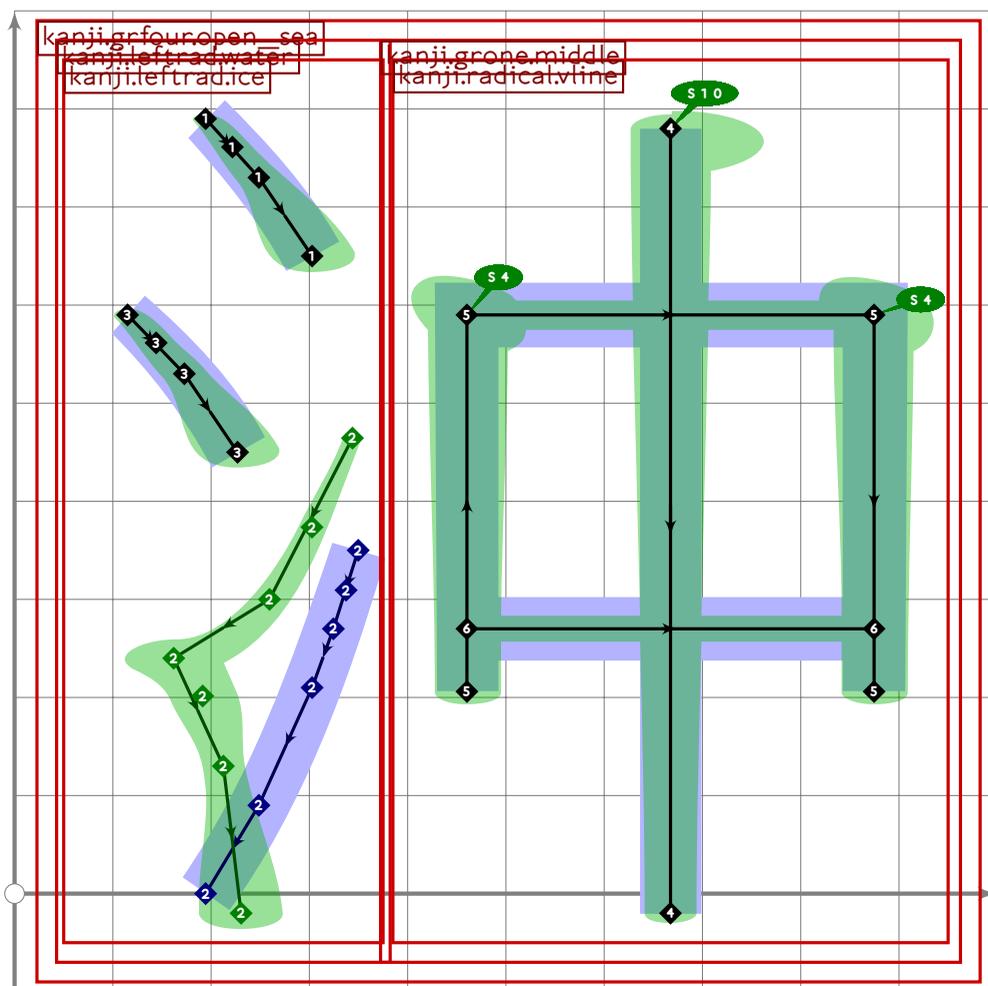
```
133  
134 vardef kanji.grfour.cure =  
135   push_pbox_toexpand("kanji.grfour.cure");  
136   build_kanji.lr(360,30)  
137     (kanji.leftrad.water)  
138     (kanji.grtwo.pedestal);  
139   expand_pbox;  
140 enddef;
```



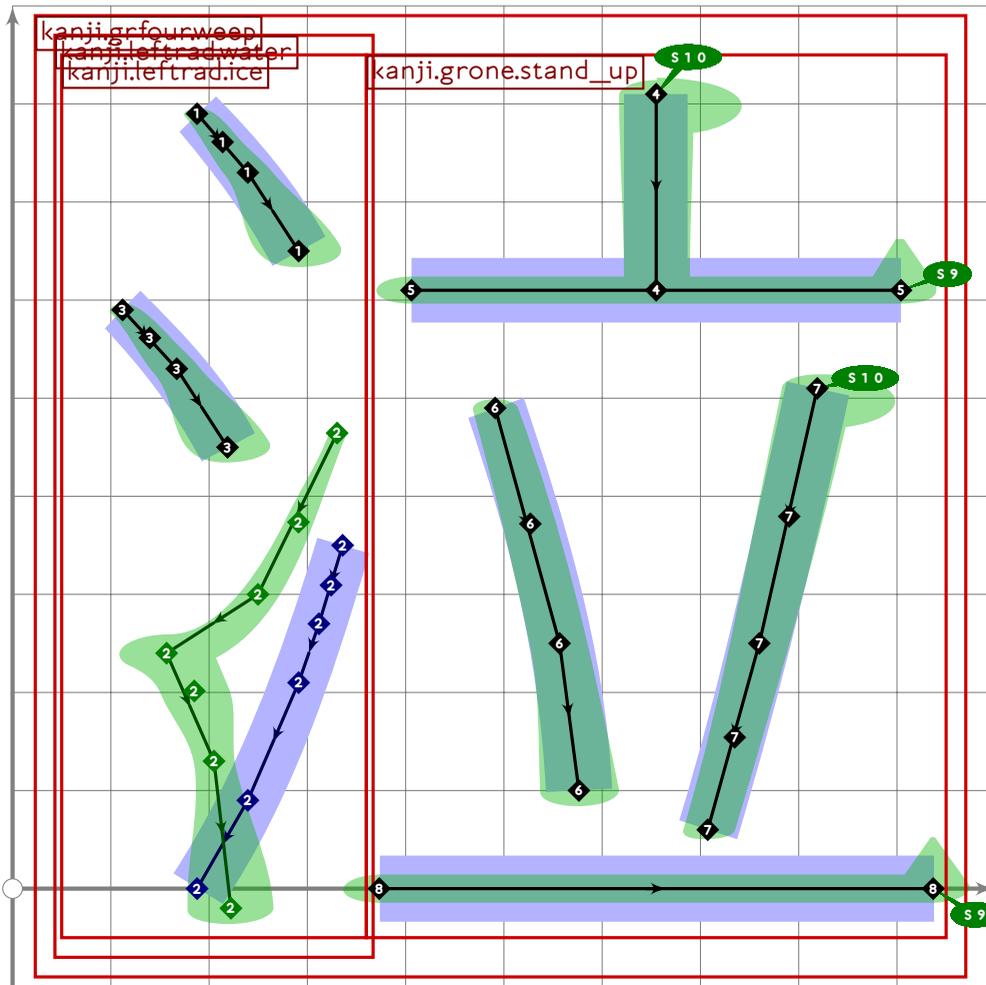
```
141
142 vardef kanji.grfour.law =
143   push_pbox_toexpand("kanji.grfour.law");
144   build_kanji.lr(360,-30)
145     (kanji.leftrad.water)
146     (kanji.grthree.go_away);
147   expand_pbox;
148 enddef;
```

U+6C96  
tsuku.uni6C96

6C



```
149
150 vardef kanji.grfour.open_sea =
151   push_pbox_toexpand("kanji.grfour.open_sea");
152   build_kanji.lr(380,-10)
153     (kanji.leftrad.water)
154     (kanji.grone.middle);
155   expand_pbox;
156 enddef;
```

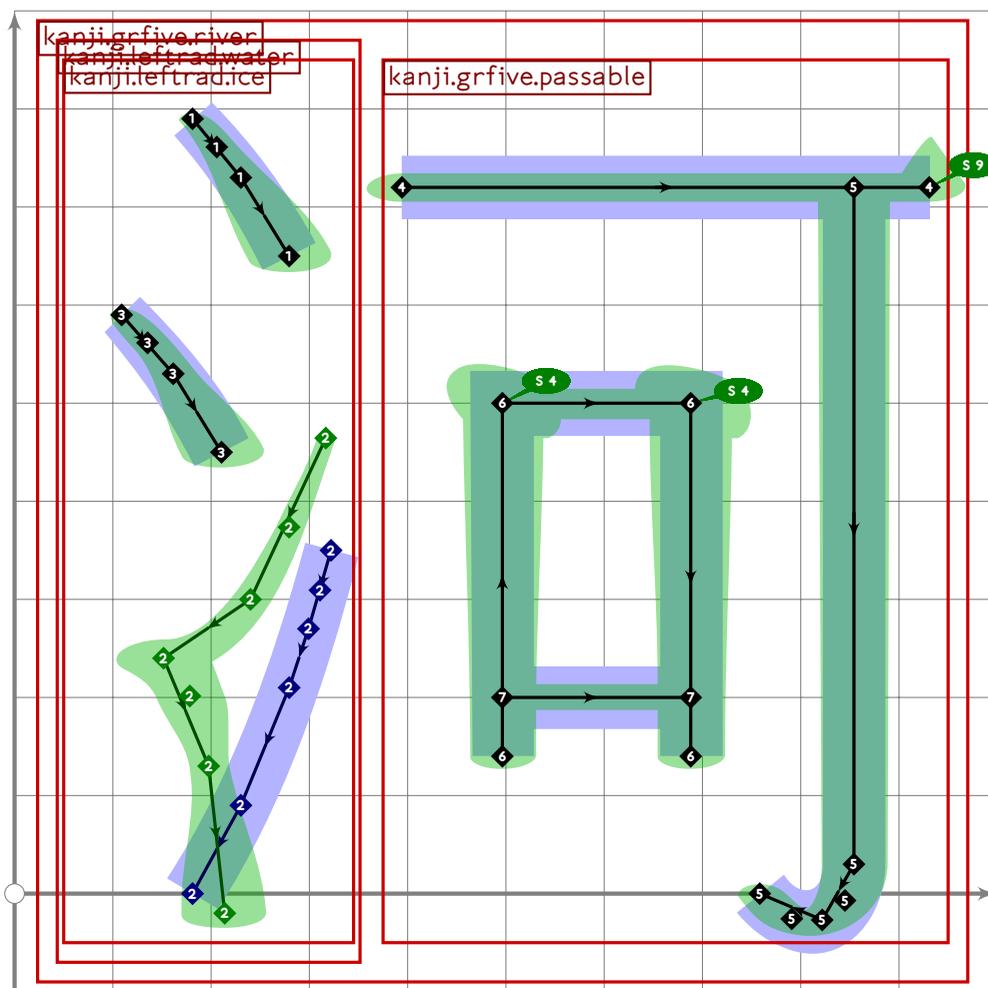


6C

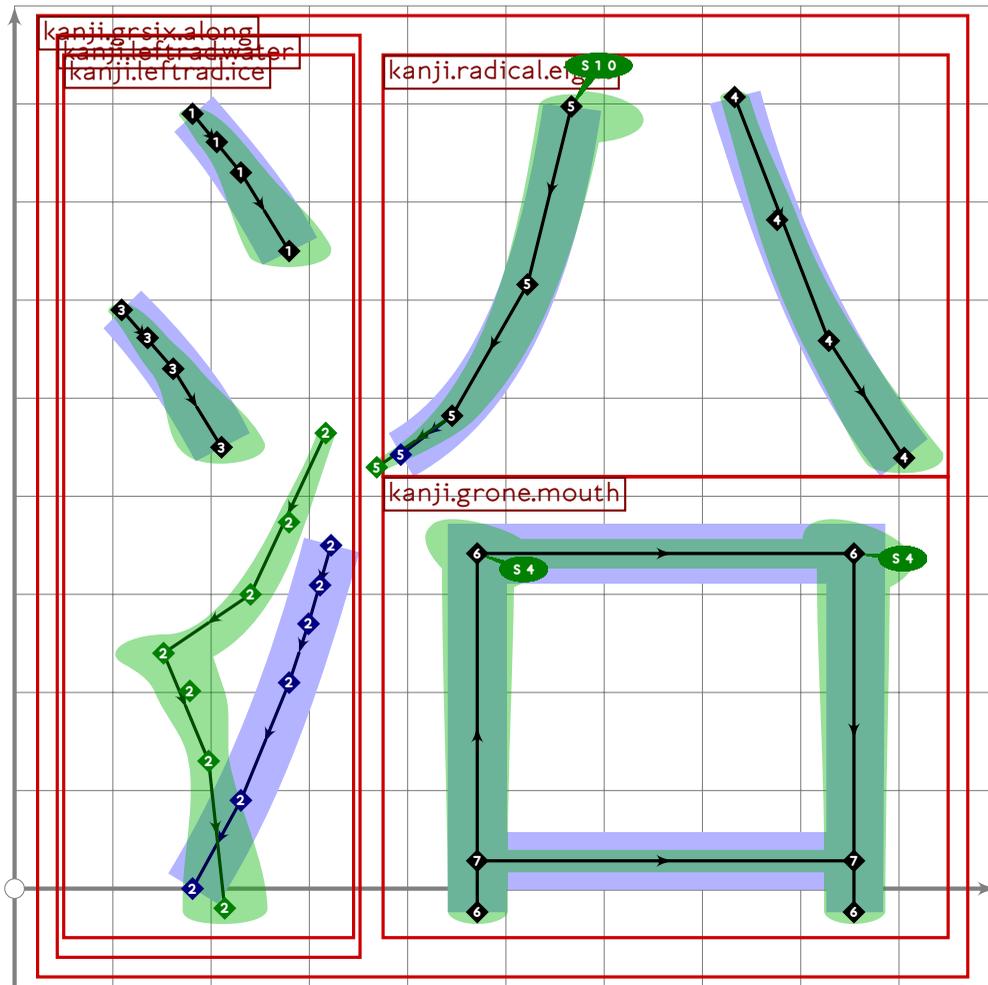
```

157
158 vardef kanji.grfourweep =
159   push_pbox_toexpand("kanji.grfourweep");
160   build_kanji.lr(360,0)
161     (kanji.leftrad.water)
162     (kanji.grone.stand_up);
163   expand_pbox;
164 enddef;
165
166

```



```
167
168 vardef kanji.grfive.river =
169   push_pbox_toexpand("kanji.grfive.river");
170   build_kanji.lr(360,-30)
171     (kanji.leftrad.water)
172     (kanji.grfive.passable);
173   expand_pbox;
174 enddef;
175
176
```

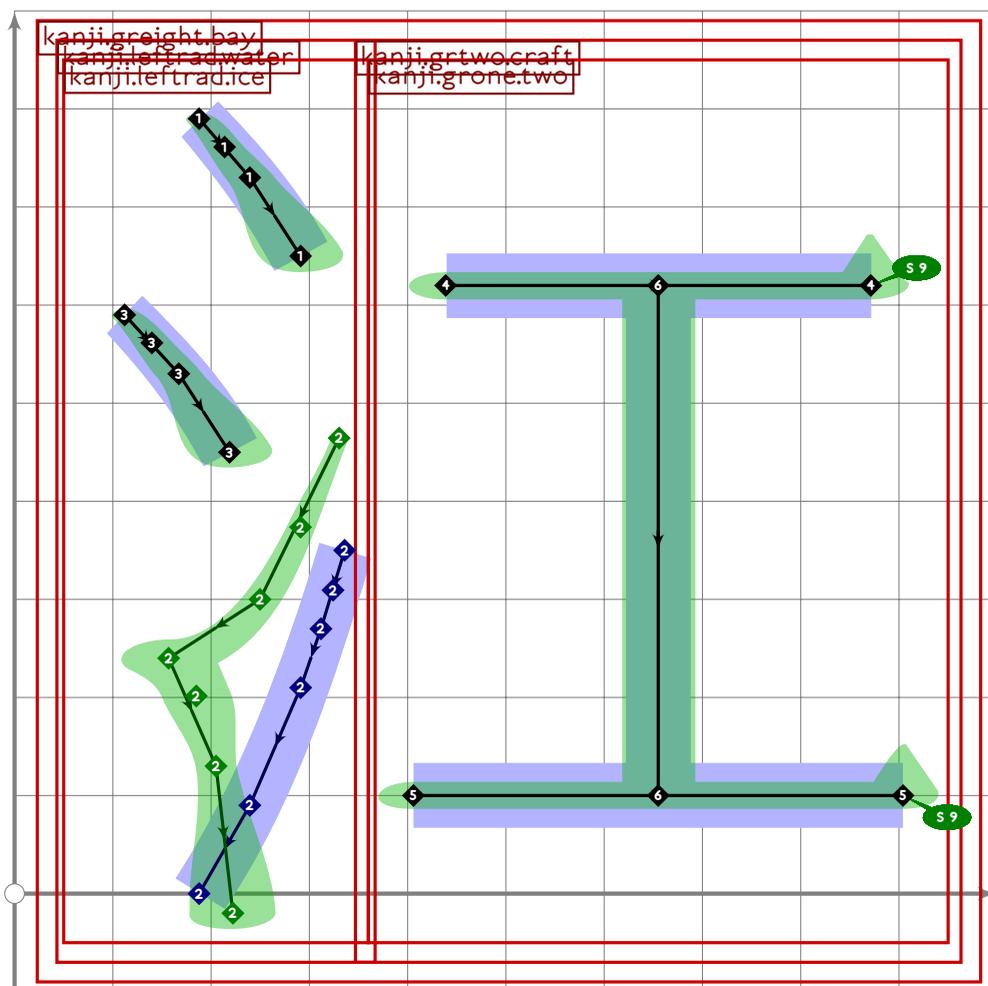


6C

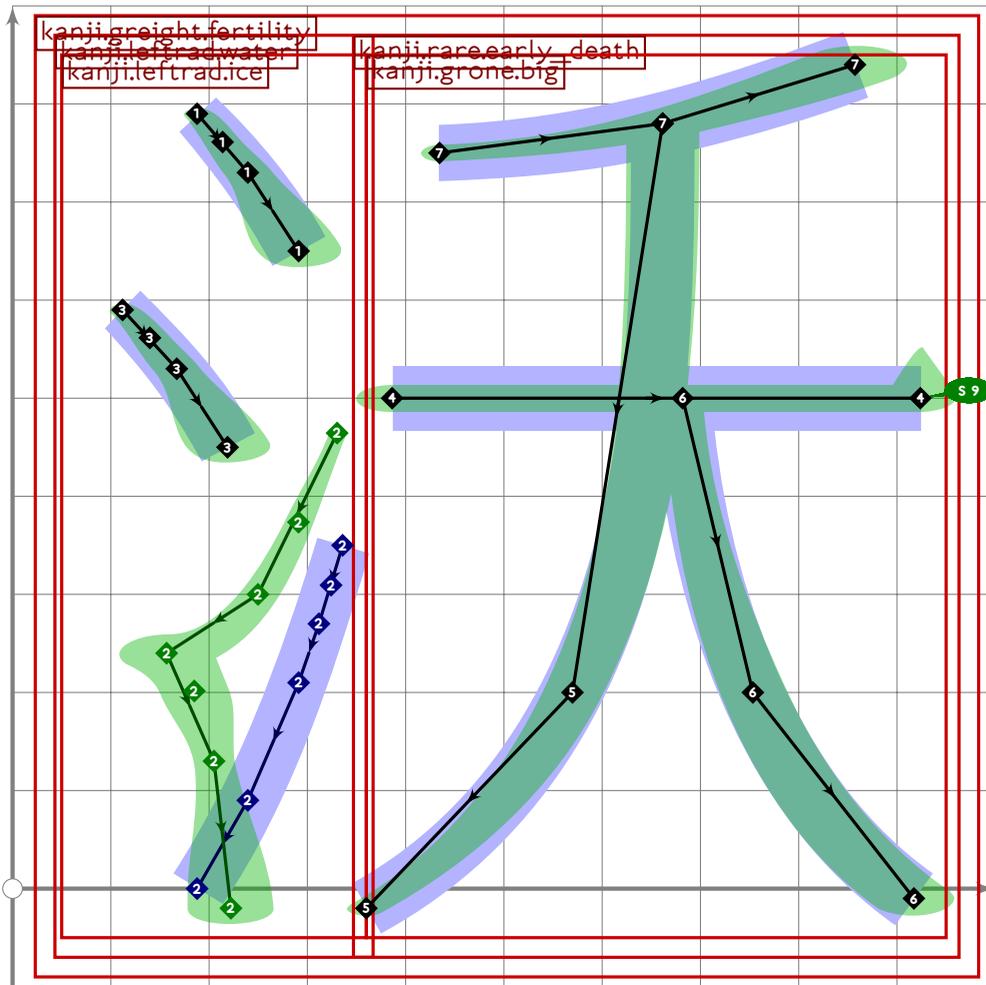
```

177
178 vardef kanji.grsix.along =
179   push_pbox_toexpand("kanji.grsix.along");
180   build_kanji.level(build_kanji.lr(360;30)
181     (kanji.leftrad.water)
182     (build_kanji.tb(420,0)
183       (kanji.radical.eight)
184       (kanji.grone.mouth)));
185   expand_pbox;
186 enddef;
187
188

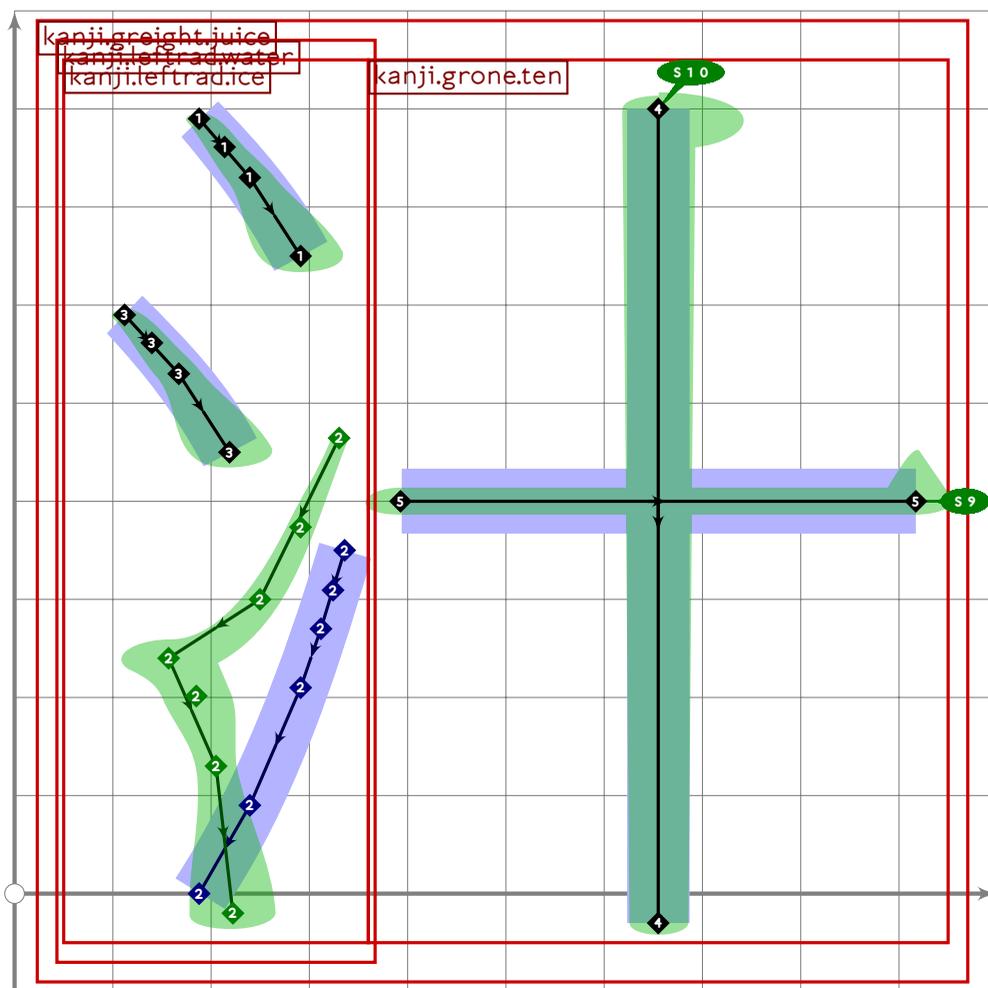
```



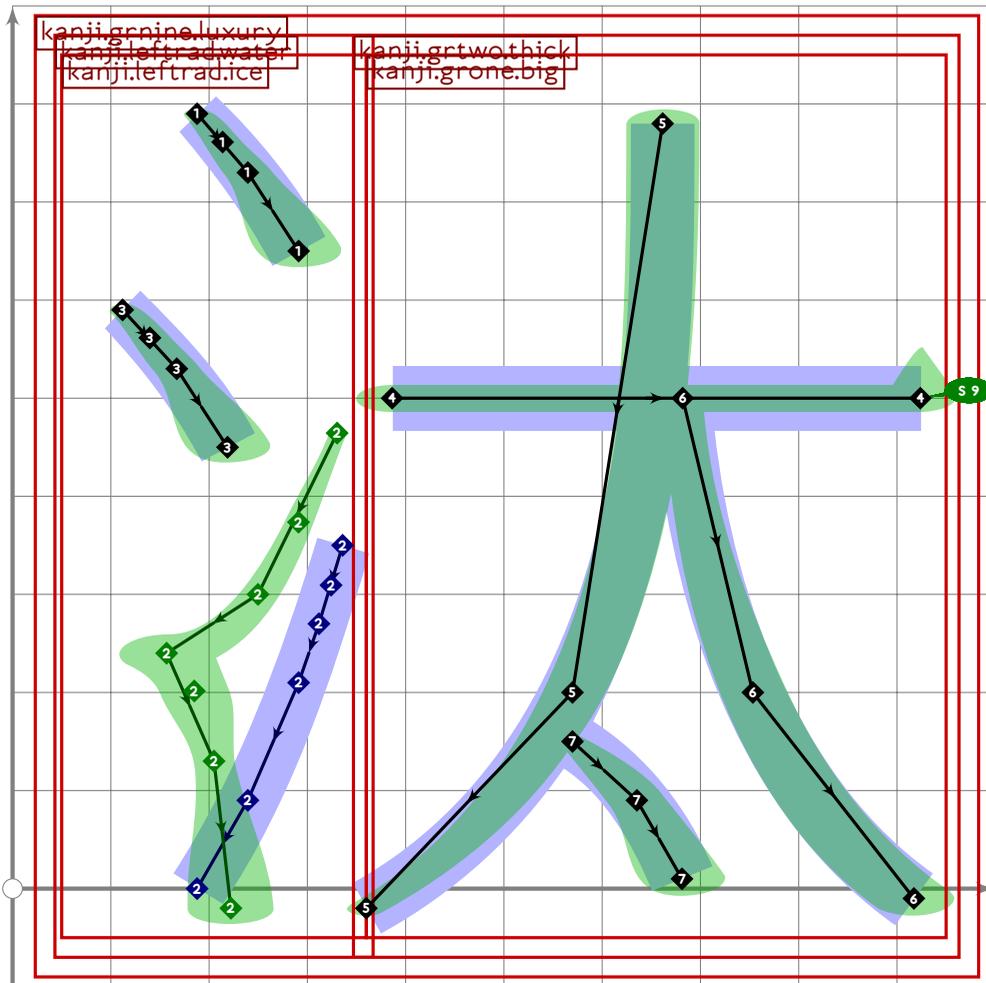
```
189  
190 vardef kanji.greight.bay =  
191   push_pbox_toexpand("kanji.greight.bay");  
192   build_kanji.lr(360,0)  
193     (kanji.leftrad.water)  
194     (kanji.grtwo.craft);  
195   expand_pbox;  
196 enddef;
```



```
197
198 vardef kanji.greight.fertility =
199   push_pbox_toexpand("kanji.greight.fertility");
200   build_kanji.lr(360,0)
201     (kanji.leftrad.water)
202     (kanji.rare.early_death);
203   expand_pbox;
204 enddef;
```



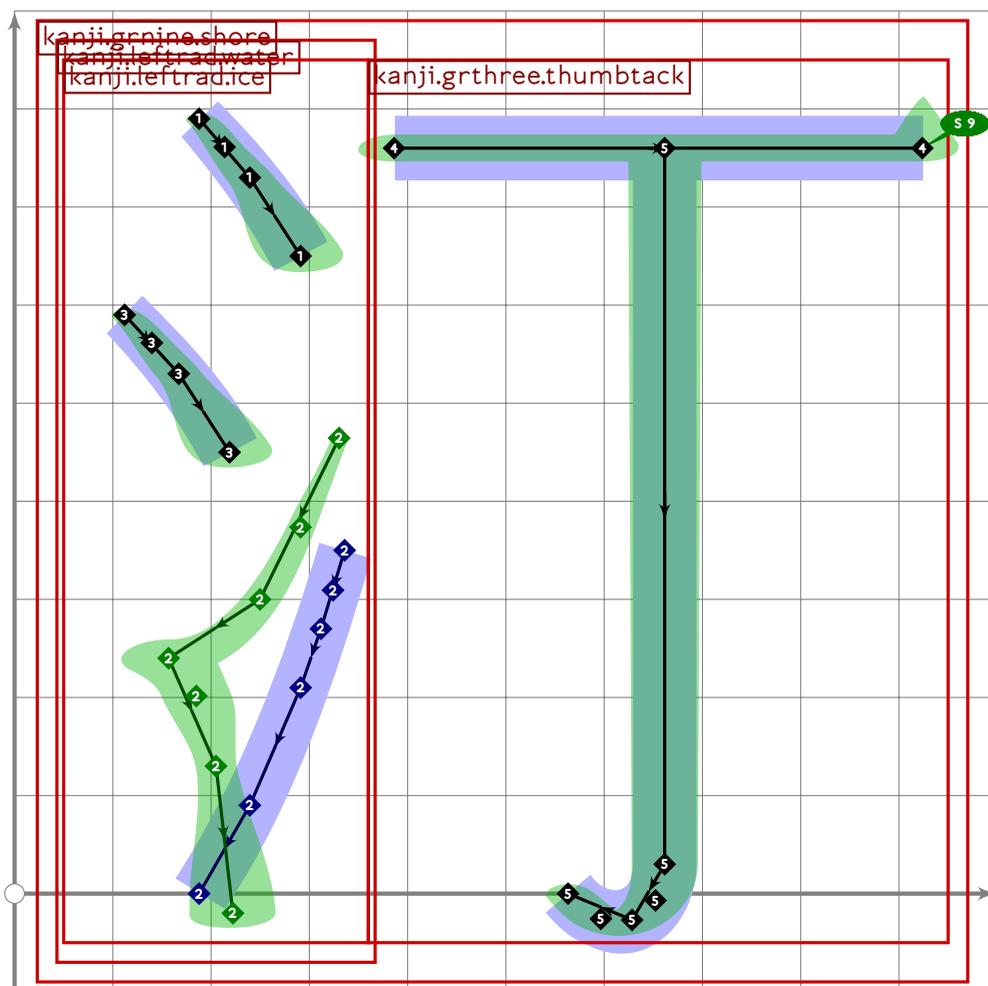
```
205  
206 vardef kanji.greight.juice =  
207   push_pbox_toexpand("kanji.greight.juice");  
208   build_kanji.lr(360,0)  
209     (kanji.leftrad.water)  
210     (kanji.grone.ten);  
211   expand_pbox;  
212 enddef;  
213  
214
```



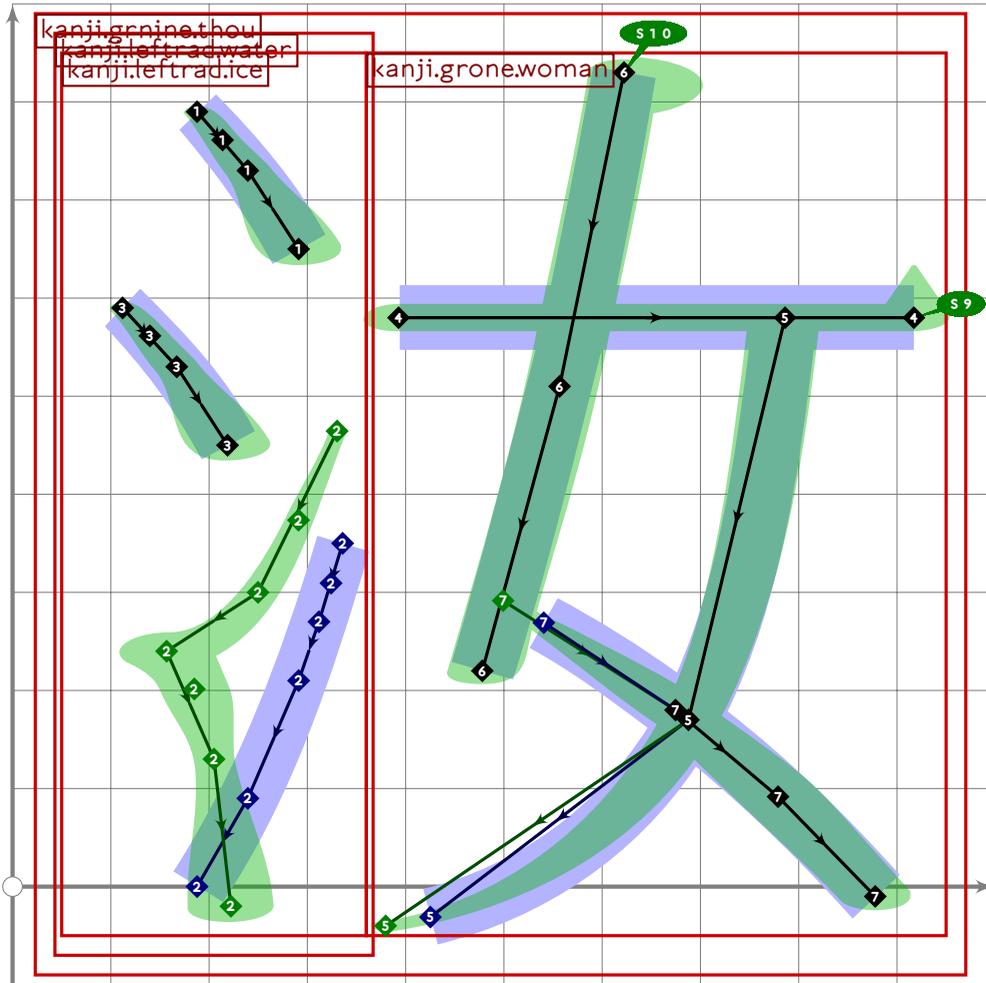
```
215  
216 vardef kanji.grnine.luxury =  
217   push_pbox_toexpand("KANJI.GR.NINE.LUXURY");  
218   build_kanji.lr(360,0)  
219     (KANJI.LEFTRAD.WATER)  
220     (KANJI.GRTWO.THICK);  
221   expand_pbox;  
222 enddef;
```

U+6C40  
tsuku.uni6C40

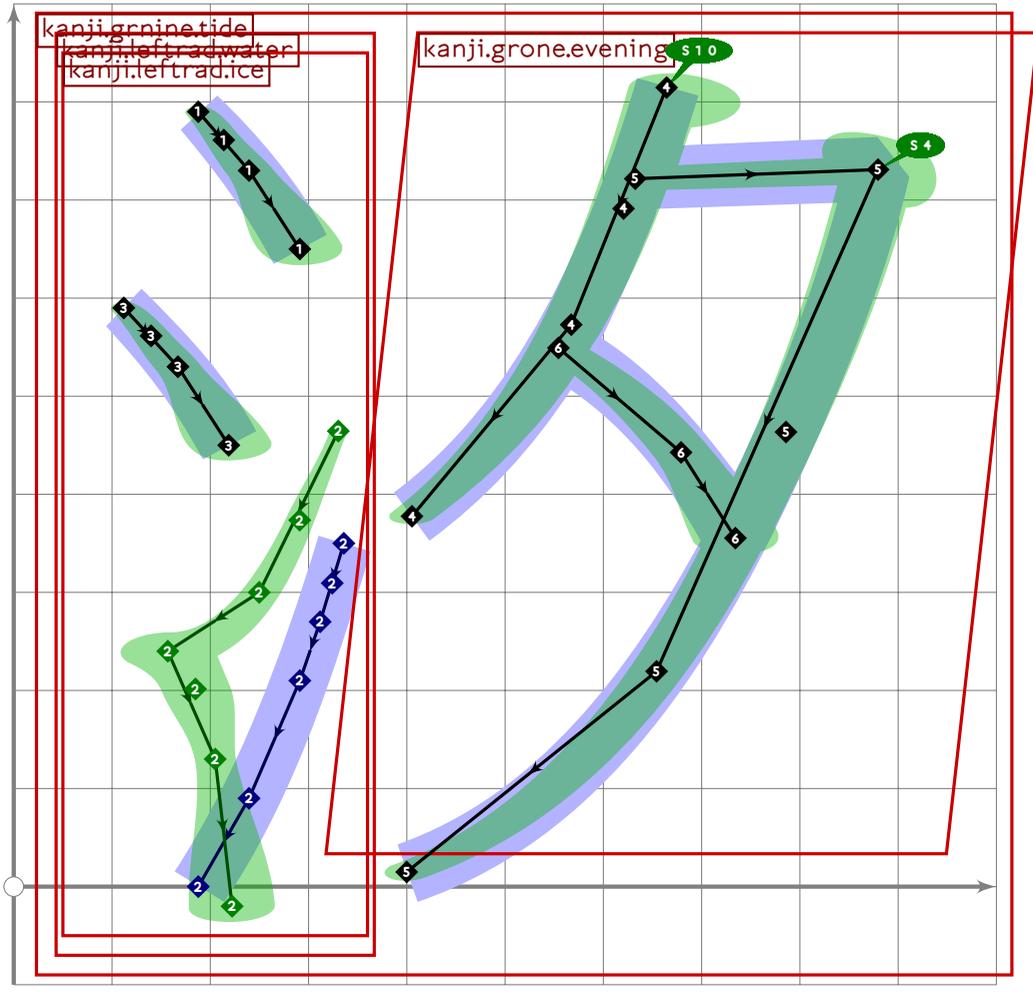
6C



```
223  
224 vardef kanji.grnine.shore =  
225   push_pbox_toexpand("kanji.grnine.shore");  
226   build_kanji.lr(360,0)  
227     (kanji.leftrad.water)  
228     (kanji.grthree.thumbtack);  
229   expand_pbox;  
230 enddef;
```



```
231  
232 vardef kanji.grnine.thou =  
233   push_pbox_toexpand("kanji.grnine.thou");  
234   build_kanji.lr(360,0)  
235     (kanji.leftrad.water)  
236     (kanji.grone.woman);  
237   expand_pbox;  
238 enddef;
```



```

239
240 vardef kanji.grnine.tide =
241   push_pbox_toexpand("kanji.grnine.tide");
242   build_kanji.lr(360,0)
243     (kanji.leftrad.water)
244     (tsu_xform(identity xyscaled (1.07,0.93) slanted 0.17 shifted (-60,80))
245       (kanji.grone.evening));
246   expand_pbox;
247 enddef;
248

```

```

249
250
251 % shi/uji "clan"
252 begintsuglyph("uni6C0F";15); [see page 695]
253   kanji.grfour.clan;
254   tsu_render;
255 endtsuglyph;
256
257 % tai/fumoto "name of an ancient tribe"
258 begintsuglyph("uni6C10";16); [see page 1049]
259   kanji.rare.cruithne;

```

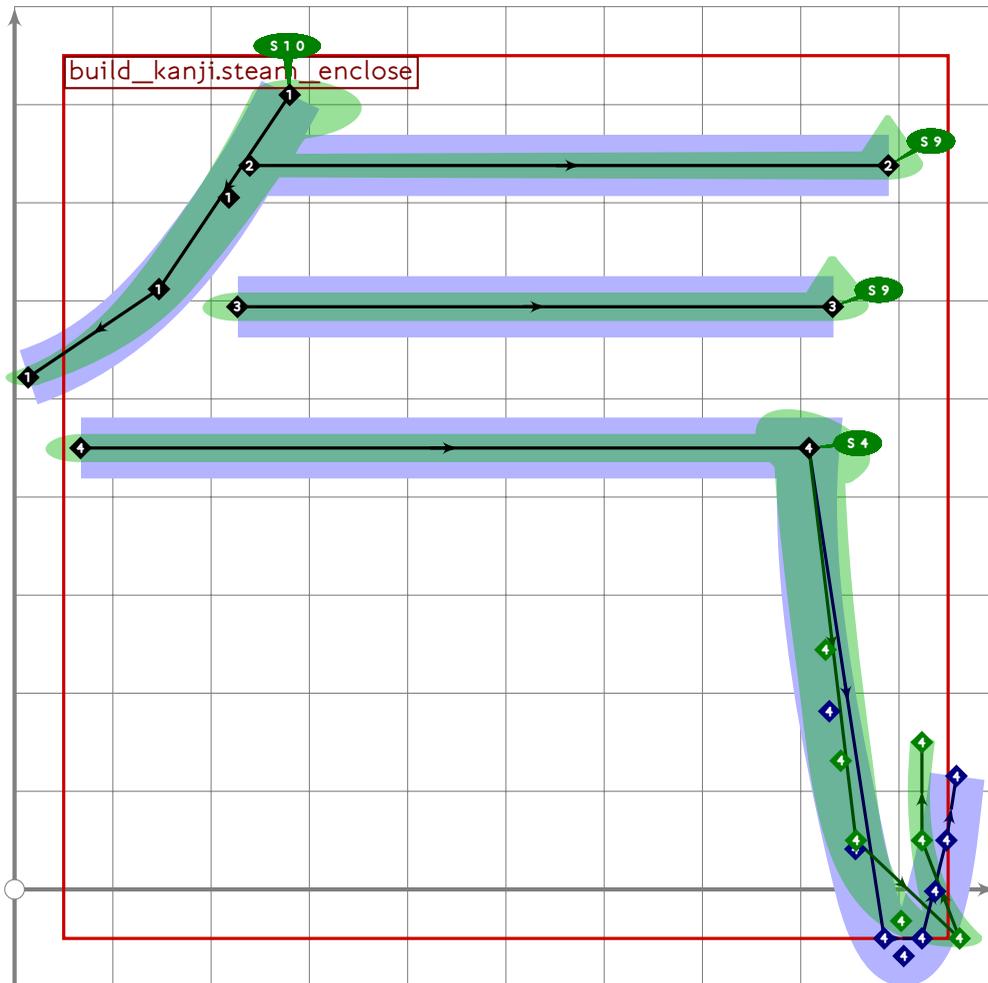
```

260 tsu_render;
261 endtsuglyph;
262
263 % min/tami "people" (but not min as in minna "everybody")
264 begintsuglyph("uni6C11";17);
265 kanji.grfour.people;
266 tsu_render;
267 endtsuglyph;
268

```

[see page 739]

6C

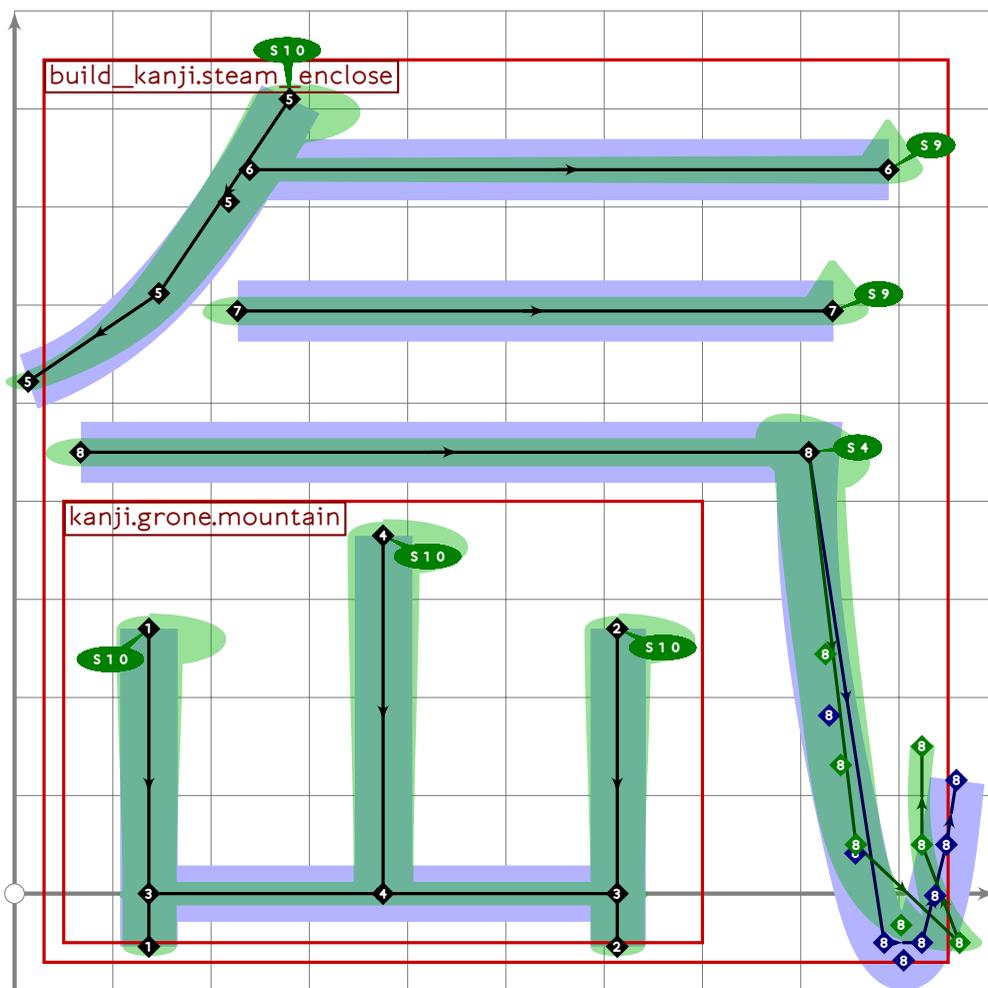


```

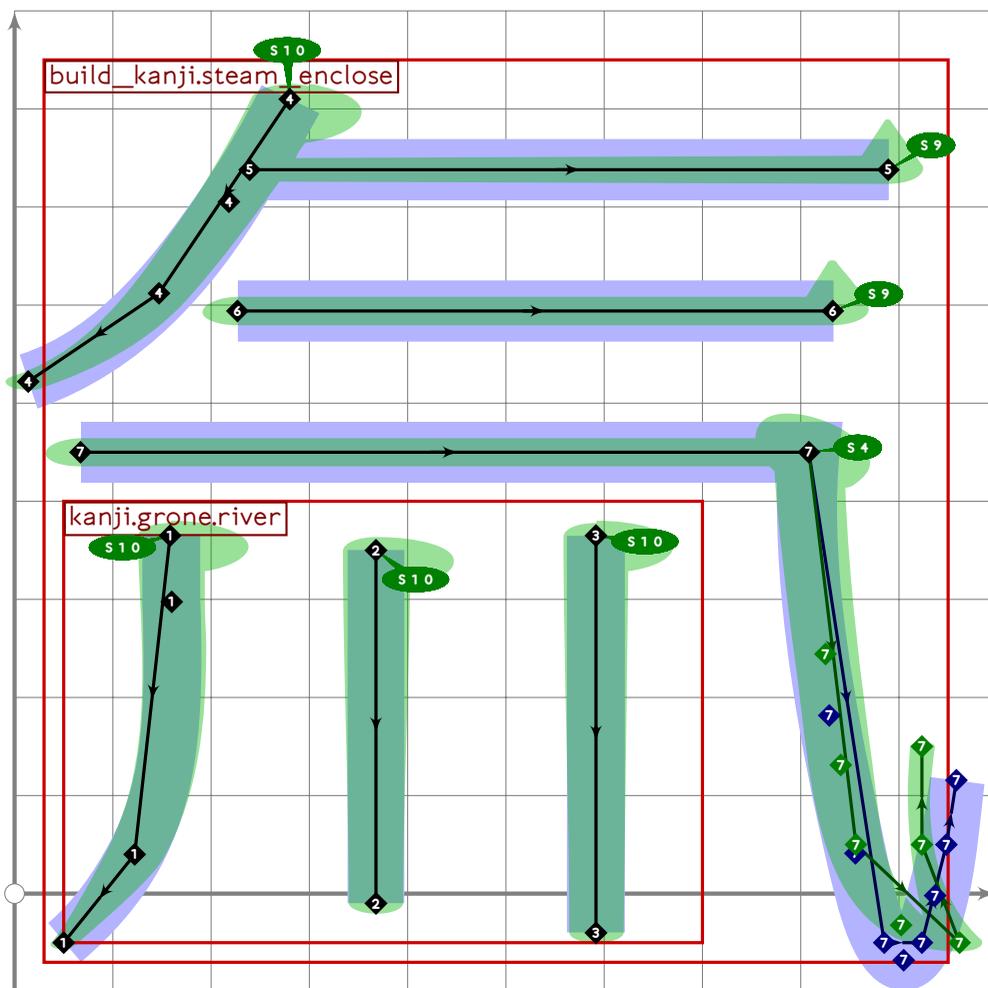
269 % sei/tada/machi "correct"
270 begintsuglyph("uni6C14";20);
271 build_kanji.steam_enclose((700,400))();
272 tsu_render;
273 endtsuglyph;
274
275 % ki/iki "spirit"
276 begintsuglyph("uni6C17";23);
277 kanji.grone.spirit;
278 tsu_render;
279 endtsuglyph;
280

```

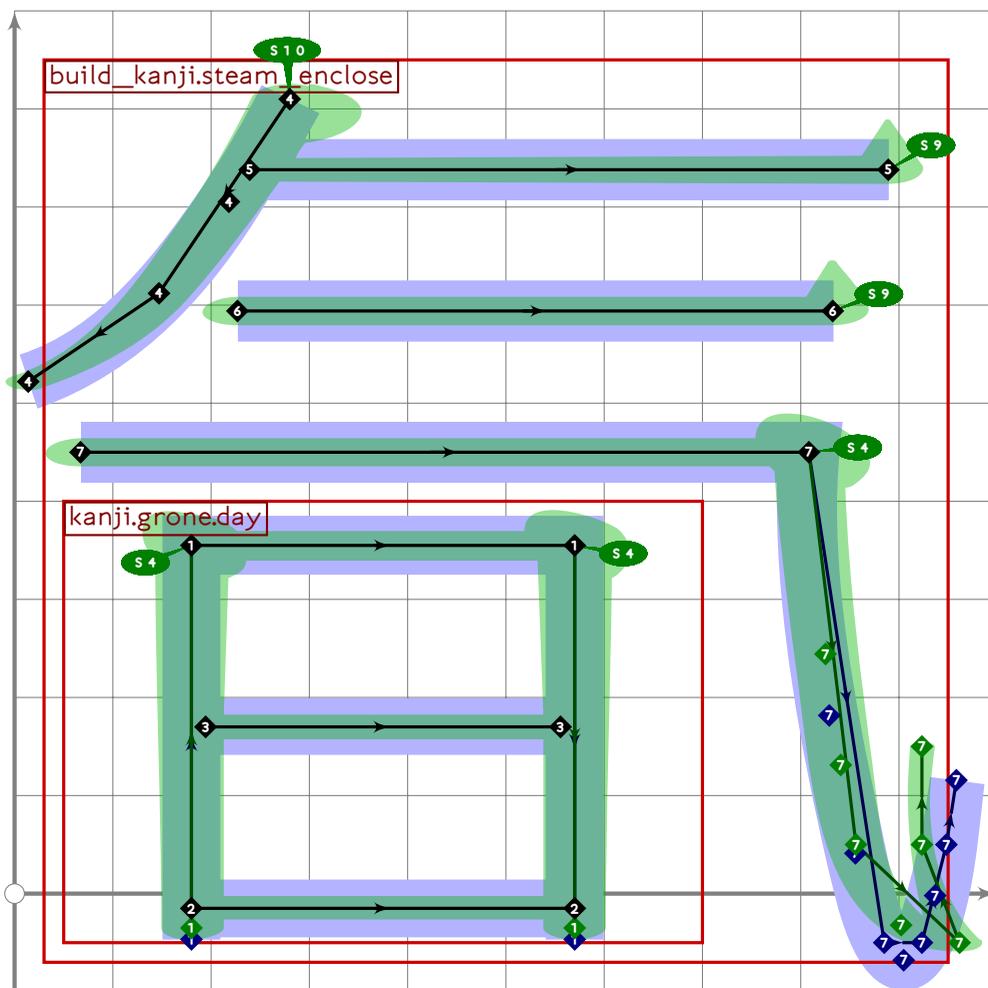
[see page 3395]



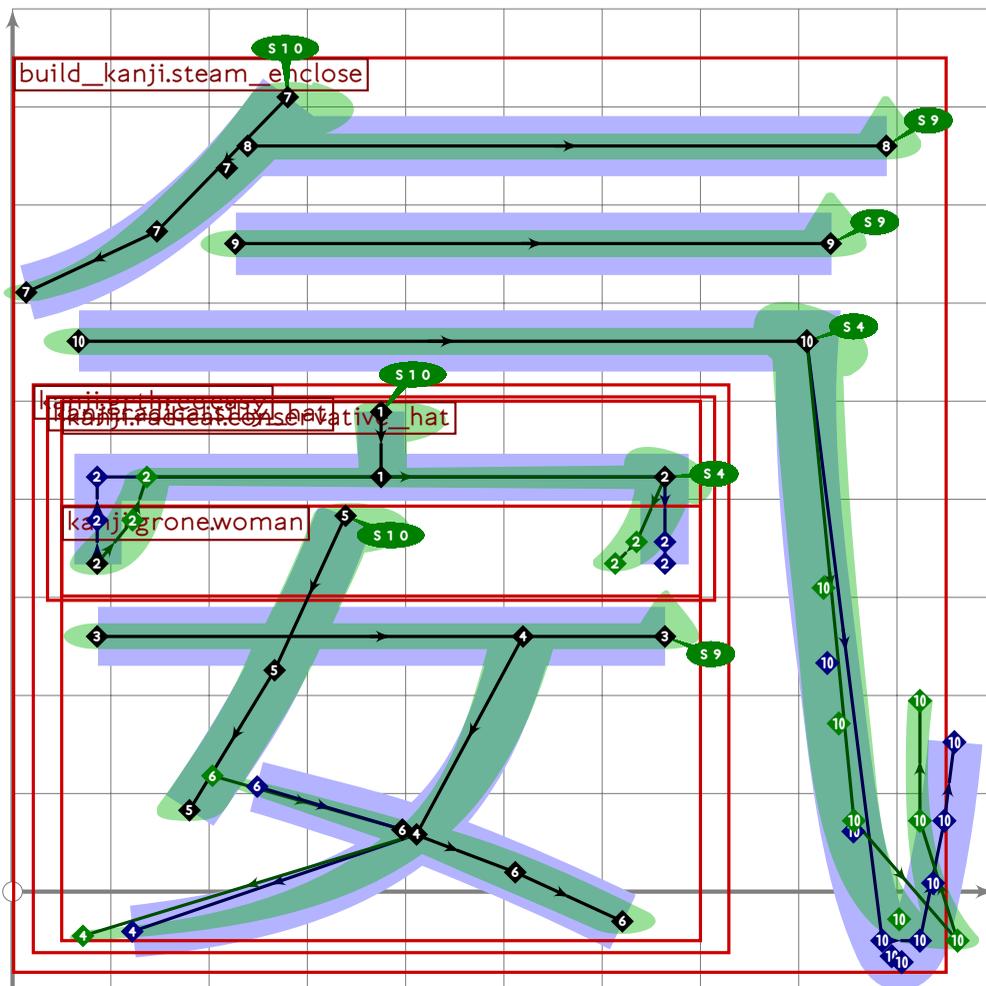
```
281 % extra
282 begintsuglyph("uni6C19";25);
283 build_kanji.steam_enclose((700,400))(kanji.grone.mountain);
284 tsu_render;
285 endtsuglyph;
286
```



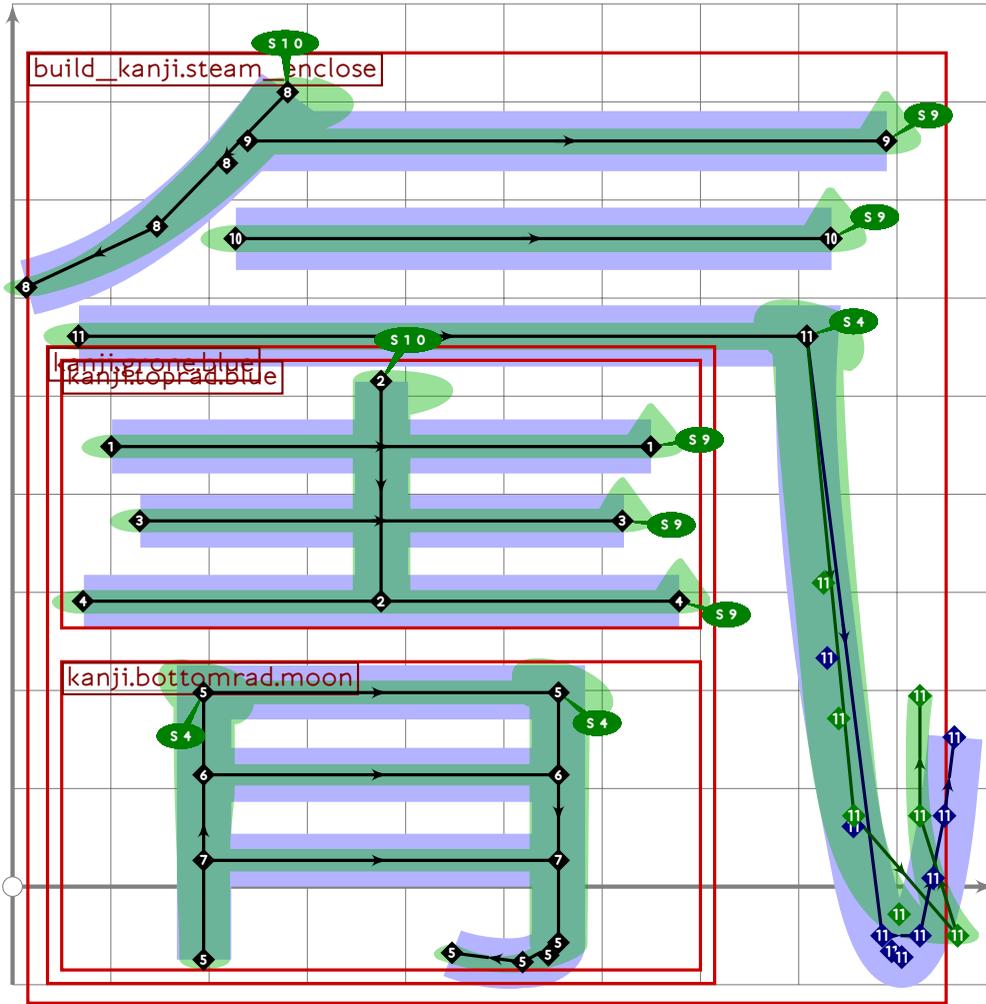
```
287 % extra
288 begintsuglyph("uni6C1A";26);
289 build_kanji.steam_enclose((700,400))(kanji.grone.river);
290 tsu_render;
291 endtsuglyph;
292
```



```
293 % extra
294 begintsuglyph("uni6C1C";28);
295 build_kanji.steam_enclose((700,400))(kanji.grone.day);
296 tsu_render;
297 endtsuglyph;
298
```



```
299 % extra
300 begintsuglyph("uni6C28"40);
301 build_kanji.steam_enclose((700,500))(kanji.grthree.easy);
302 tsu_render;
303 endsuglyph;
304
```

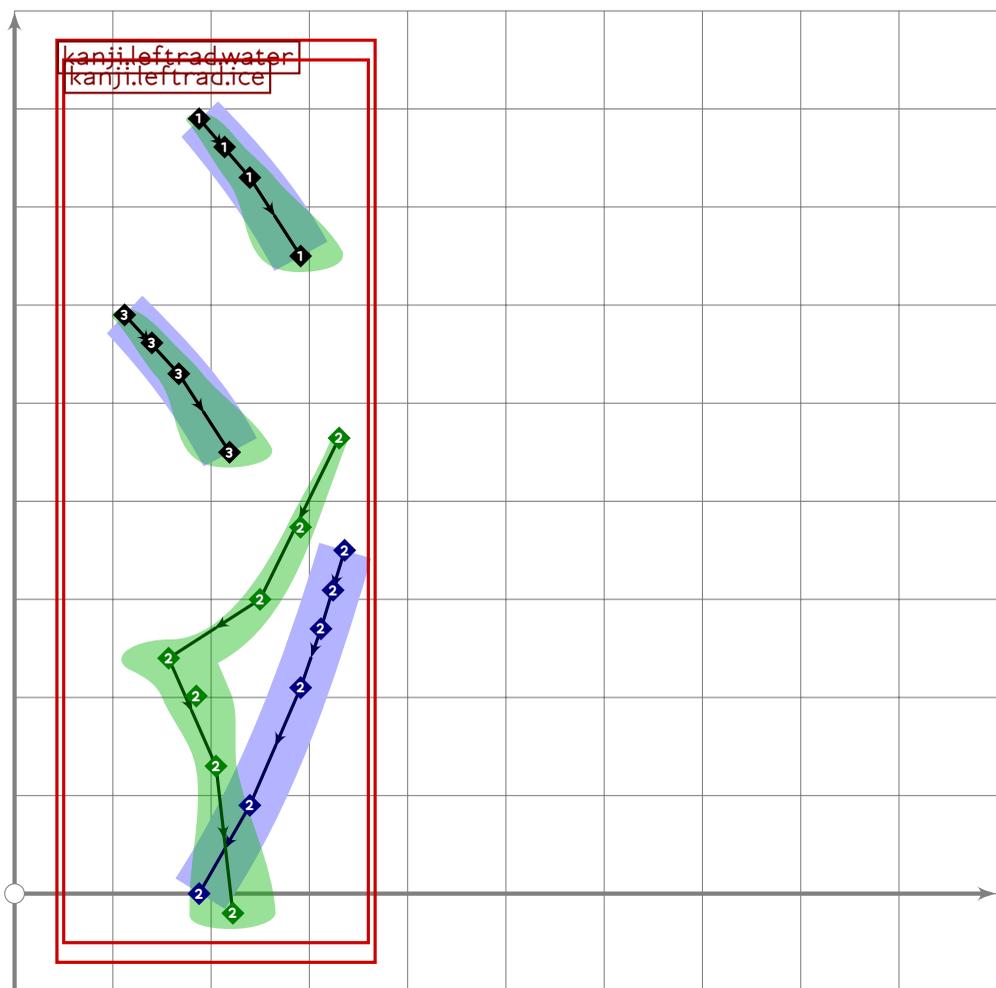


```

305 % extra
306 begintsuglyph("uni6C30";48);
307   build_kanji.steam_enclose((700,500))
308     (build_kanji.sscale(yscaled 1.13)(kanji.grone.blue));
309   tsu_render;
310 endsuglyph;
311
312 % sui/mizu "water"
313 begintsuglyph("uni6C34";52);
314   kanji.gronewater;
315   tsu_render;
316 endsuglyph;
317

```

[see page 488]



```

318 % extra "water side radical"
319 begintsuglyph("uni6C35";53);
320 build_kanji.lr(360,0)
321 (kanji.leftrad.water)
322 ();
323 tsu_render;
324 endtsuglyph;
325
326 % hyou/koori "ice"
327 begintsuglyph("uni6C37";55);
328 kanji.grthree.ice;
329 tsu_render;
330 endtsuglyph;
331
332 % ei/naga "long"
333 begintsuglyph("uni6C38";56);
334 kanji.grfive.long;
335 tsu_render;
336 endtsuglyph;
337
338 % water radical variant

```

[see page 3399]

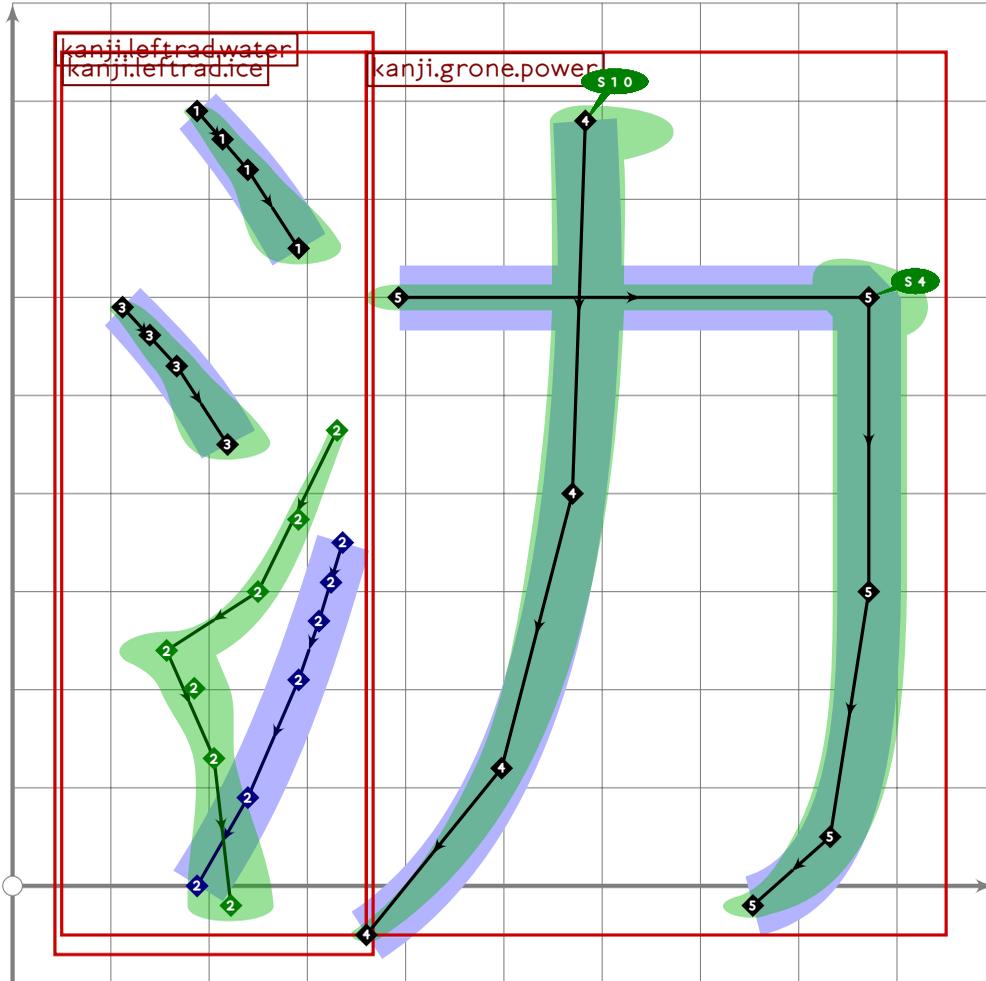
[see page 787]

U+6C3B  
tsuku.uni6C3B

```
339 begintsuglyph("uni6C3A";58);
340 kanji.radical.alt_water;
341 tsu_render;
342 endtsuglyph;
343
```

[see page 859]

6C



```
344 % extra
345 begintsuglyph("uni6C3B";59);
346 build_kanji.lr(360,0)
347 (kanji.leftrad.water)
348 (kanji.grone.power);
349 tsu_render;
350 endtsuglyph;
```

```
351
352 % "roku" (phonetic only)
353 begintsuglyph("uni6C3F";63);
354 kanji.rare.phonetic_roku;
355 tsu_render;
356 endtsuglyph;
```

[see page 1085]

```
357
358 % tei/migiwa "shore"
359 begintsuglyph("uni6C40";64);
```

[see page 3414]

```

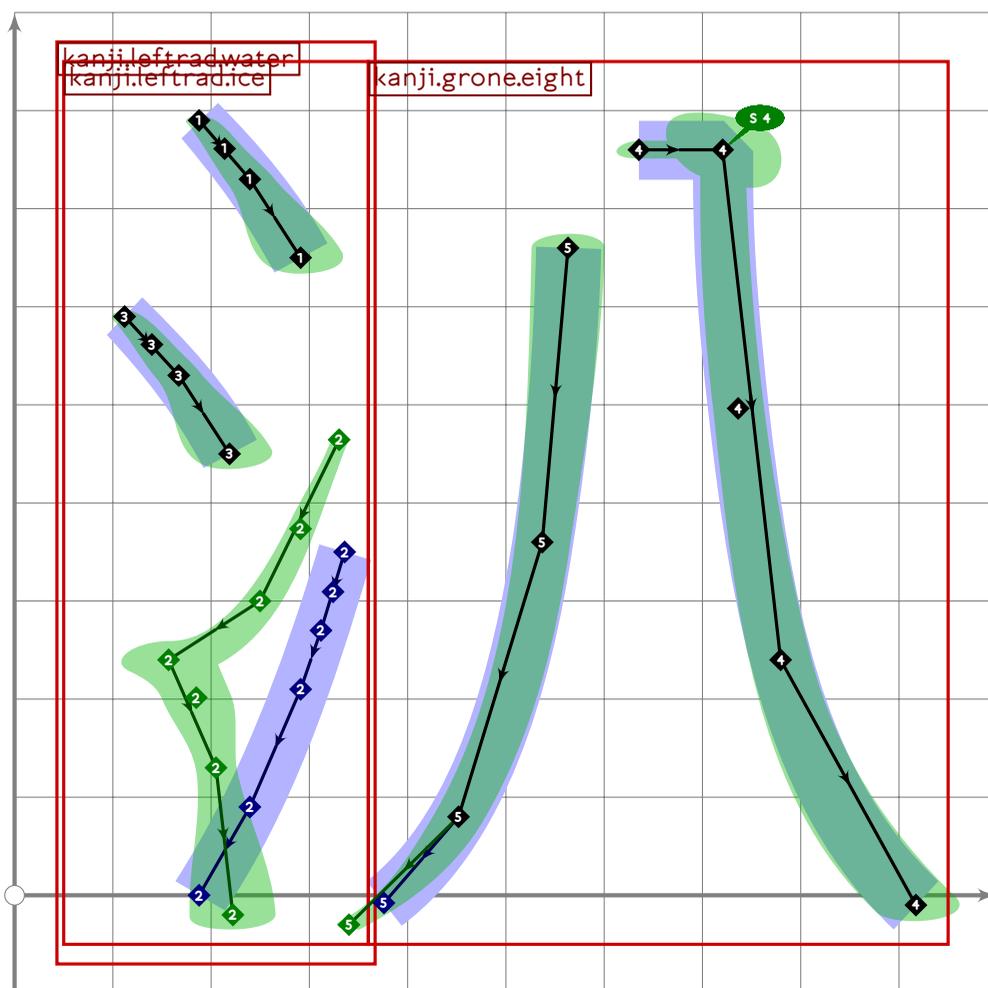
360 kanji.grnine.shore;
361 tsu_render;
362 endtsuglyph;
363
364 % juu/shiru "juice" or "soup"
365 begintsuglyph("uni6C41",65);
366 kanji.greight.juice;
367 tsu_render;
368 endtsuglyph;
369
370 % gyuu/moto "request"
371 begintsuglyph("uni6C42",66);
372 kanji.grfour.request;
373 tsu_render;
374 endtsuglyph;
375

```

[see page 3412]

[see page 745]

6C



```

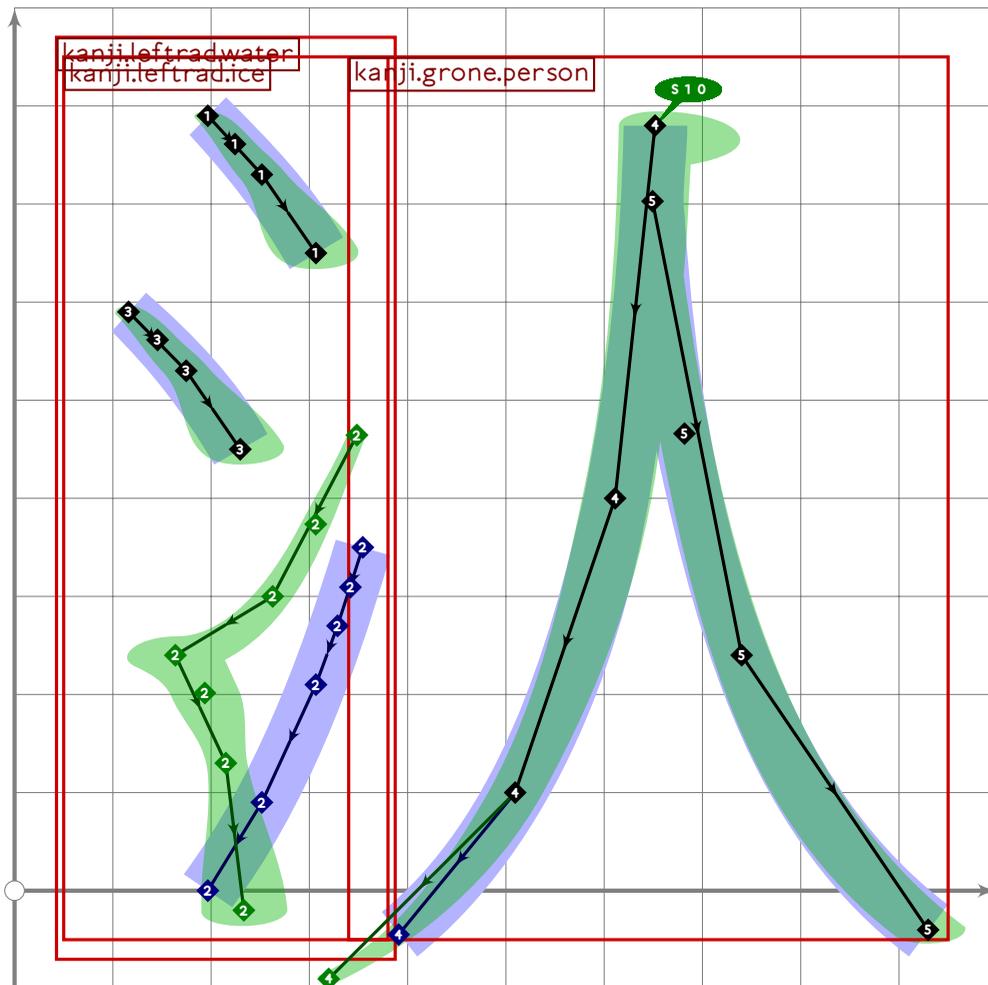
376 % extra
377 begintsuglyph("uni6C43",67);
378 build_kanji.lr(360,0)
379 (kanji.leftrad.water)
380 (kanji.grone.eight);

```

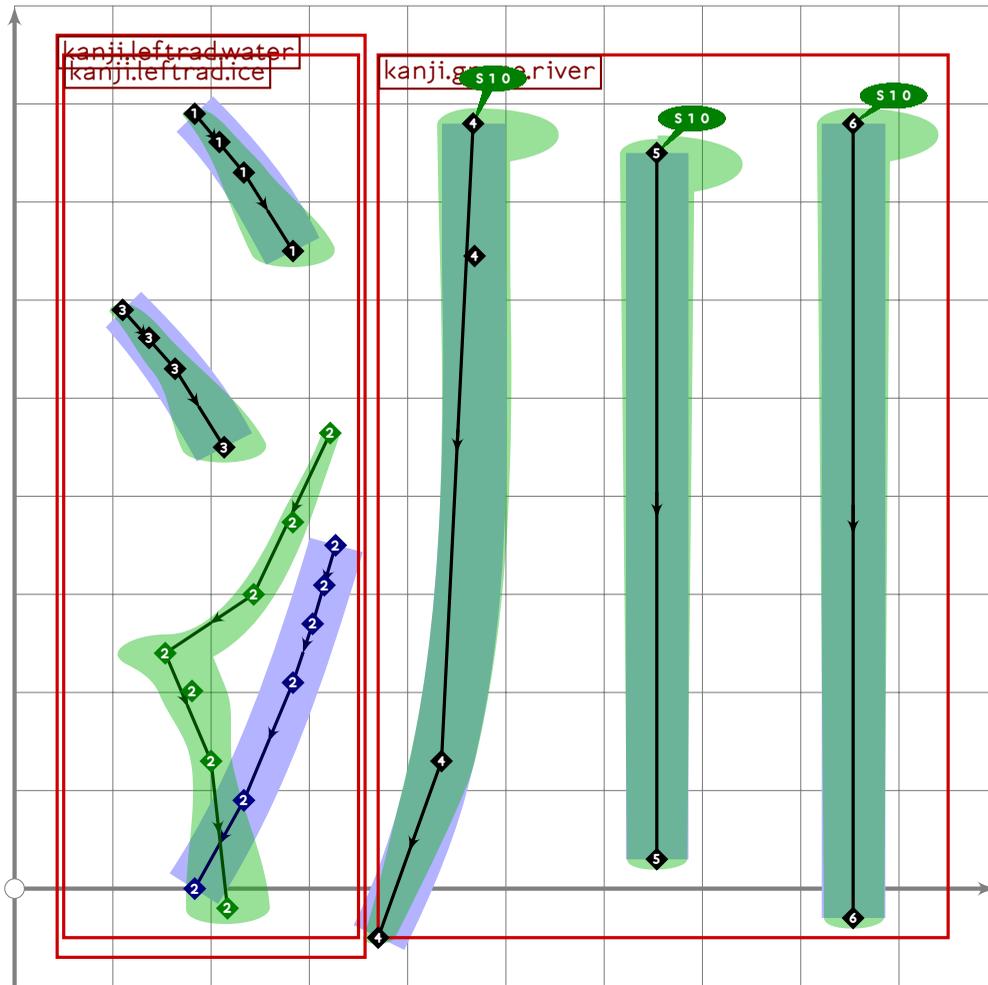
U+6C44  
tsuku.uni6C44

```
381 tsu_render;  
382 endtsuglyph;  
383
```

6C



```
384 % extra  
385 begintsuglyph("uni6C44",68);  
386 build_kanji.lr(360,40)  
387 (kanji.leftrad.water)  
388 (kanji.grone.person);  
389 tsu_render;  
390 endtsuglyph;  
391
```

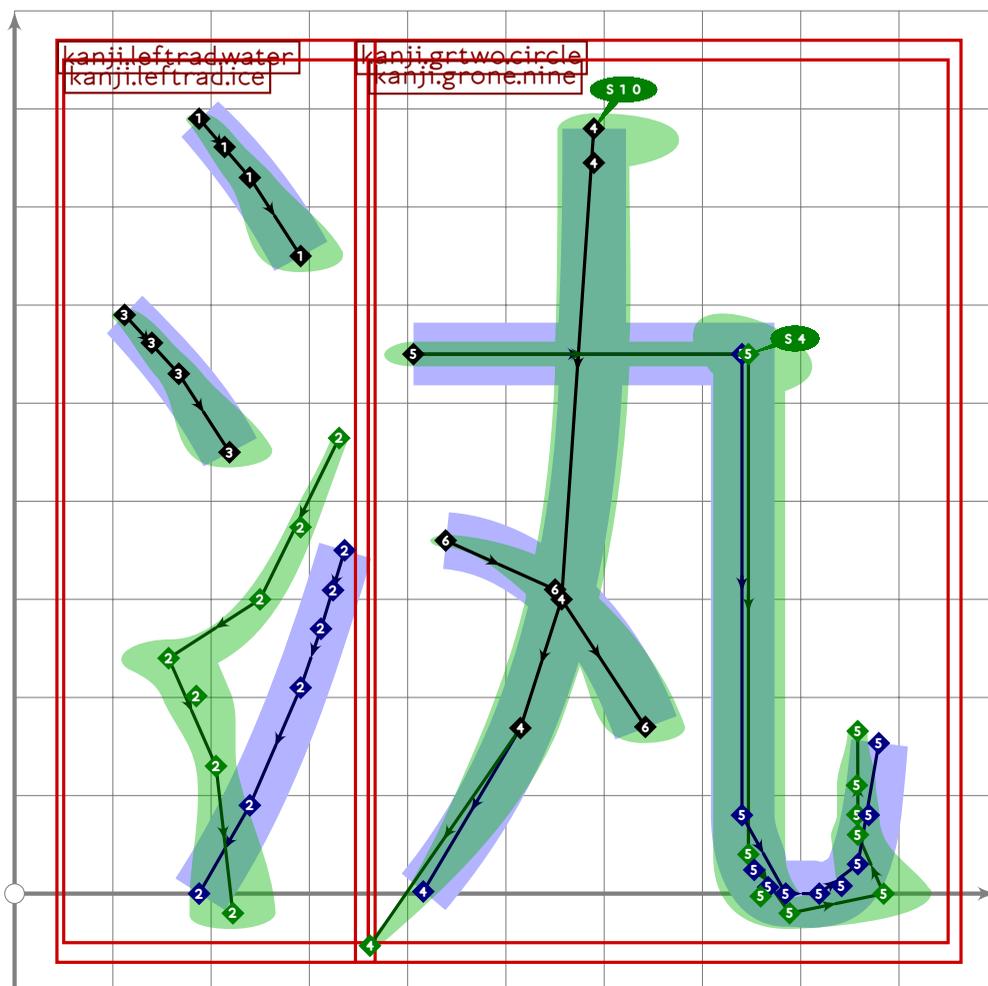


6C

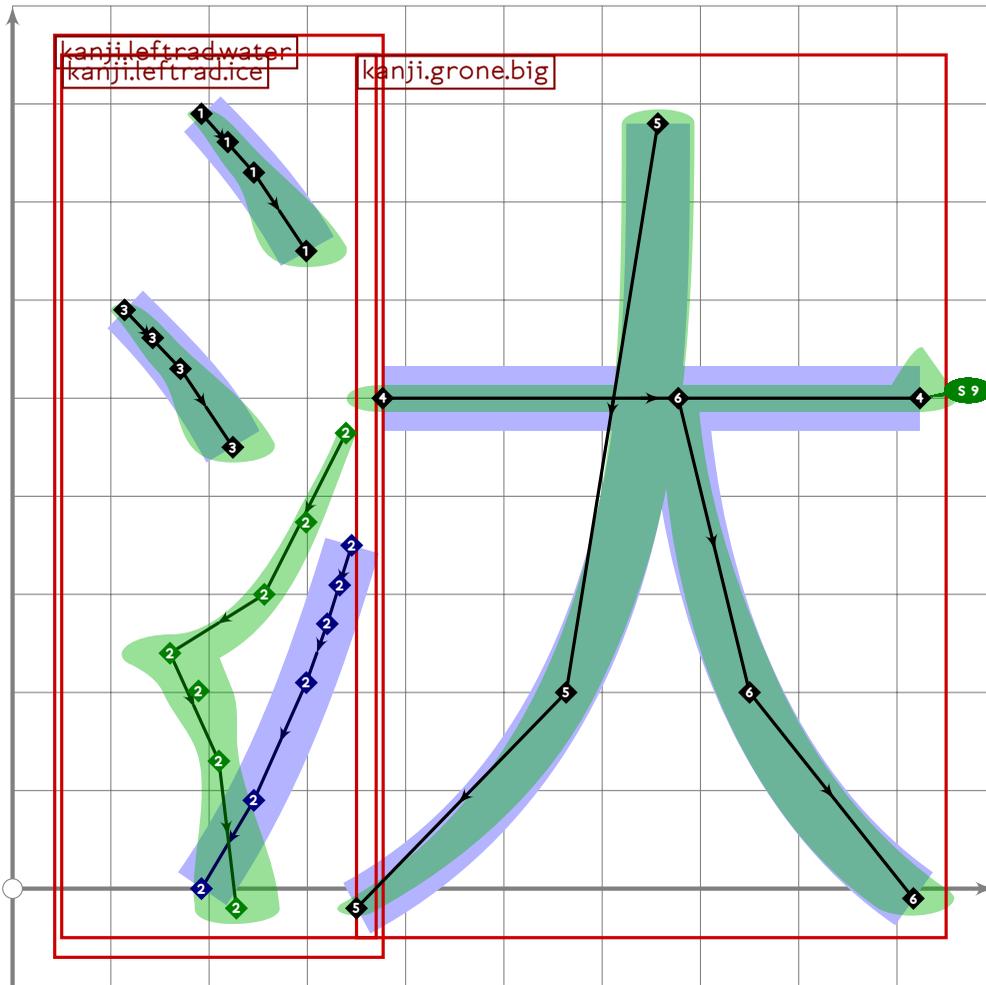
```
392 % extra
393 begintsuglyph("uni6C4C";76);
394 build_kanji.lr(360;20)
395 (kanji.leftrad.water)
396 (kanji.grone.river);
397 tsu_render;
398 endtsuglyph;
399
```

U+6C4D  
tsuku.uni6C4D

6C



```
400 % extra
401 begintsuglyph("uni6C4D";77);
402 build_kanji.lr(360,0)
403 (kanji.leftrad.water)
404 (kanji.grtwo.circle);
405 tsu_render;
406 endtsuglyph;
407
```

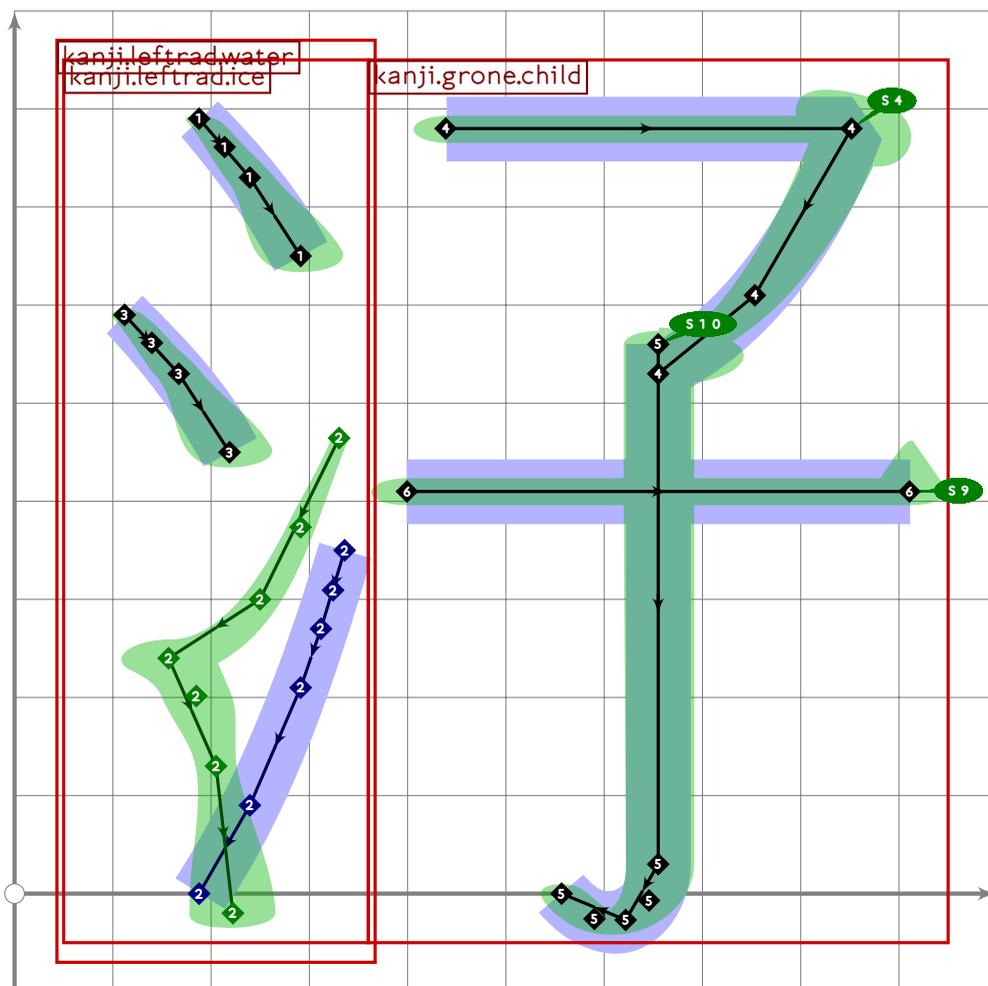


```
408 % extra
409 begintsuglyph("uni6C4F";79);
410 build_kanji.lr(360,20)
411 (kanji.leftrad.water)
412 (kanji.grone.big);
413 tsu_render;
414 endsuglyph;
415
416 % seki/shio "tide"
417 begintsuglyph("uni6C50";80);
418 kanji.grnine.tide;
419 tsu_render;
420 endsuglyph;
421
```

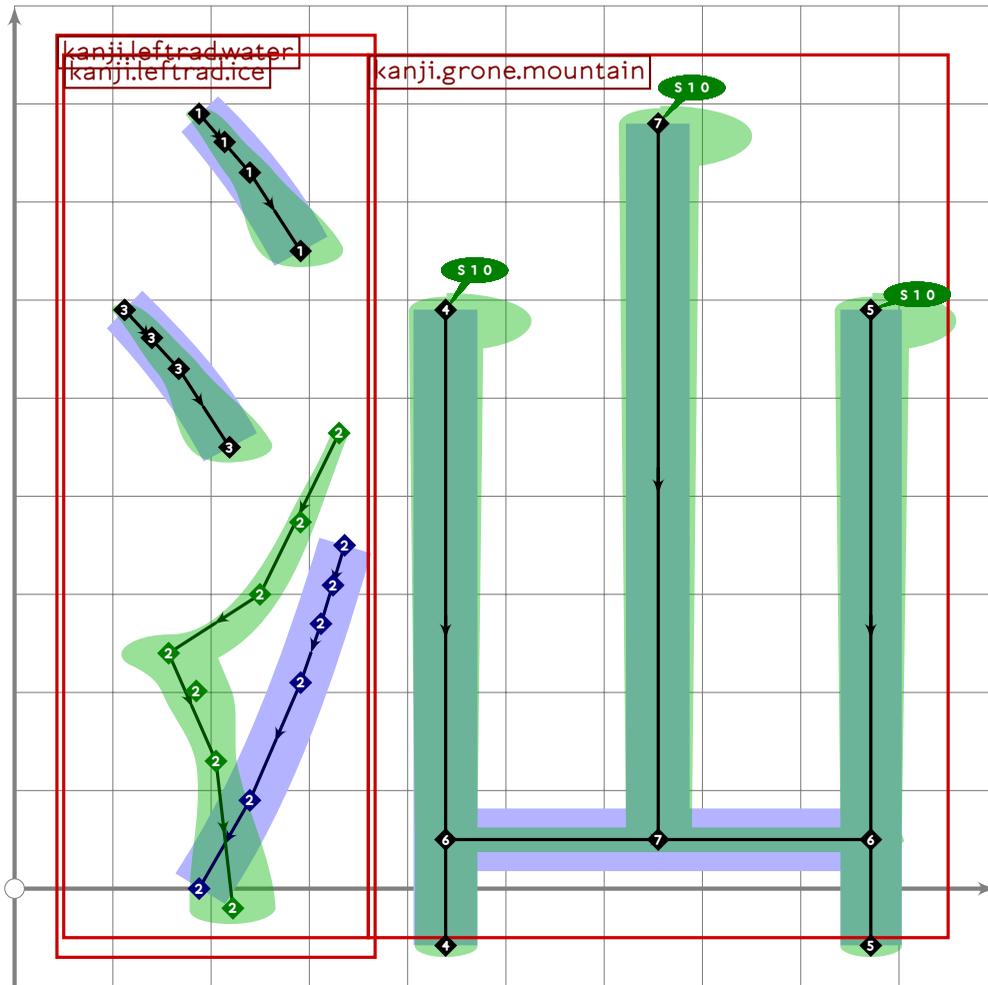
[see page 3416]

U+6C53  
tsuku.uni6C53

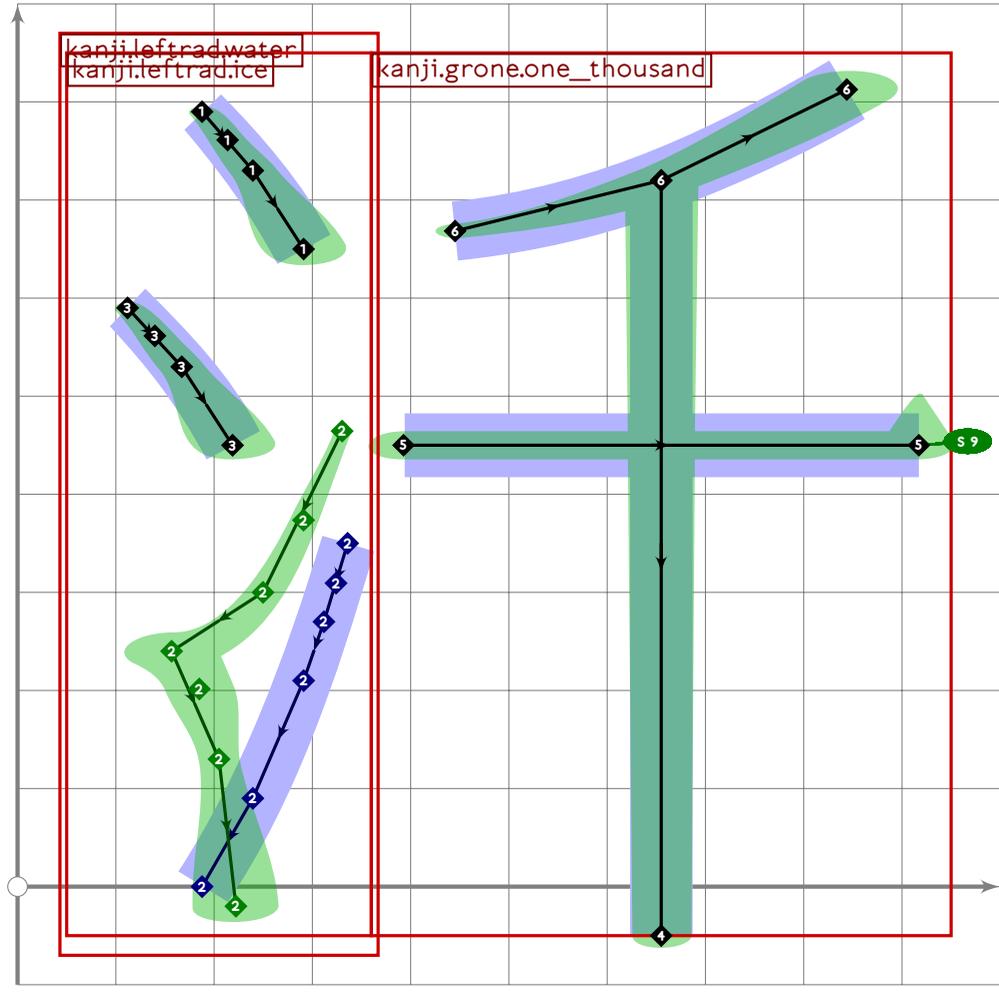
6C



```
422 % extra
423 begintsuglyph("uni6C53";83);
424 build_kanji.lr(360,0)
425   (kanji.leftrad.water)
426   (kanji.grone.child);
427 tsu_render;
428 endtsuglyph;
429
```



```
430 % extra "fish swimming"  
431 begintsuglyph("uni6C55",85);  
432 build_kanji.lr(360,0)  
433   (kanji.leftrad.water)  
434   (kanji.grone.mountain);  
435 tsu_render;  
436 endsuglyph;  
437
```



```

438 % extra
439 begintsuglyph("uni6C58";88);
440 build_kanji.lr(360,0)
441 (kanji.leftrad.water)
442 (kanji.grone.one_thousand);
443 tsu_render;
444 endtsuglyph;
445
446 % jo/nanji "thou"
447 begintsuglyph("uni6C5D";93);
448 kanji.grnine.thou;
449 tsu_render;
450 endtsuglyph;
451
452 % kou/e "bay" ("e" in "Edo")
453 begintsuglyph("uni6C5F";95);
454 kanji.greight.bay;
455 tsu_render;
456 endtsuglyph;
457
458 % chi/ike "pond"

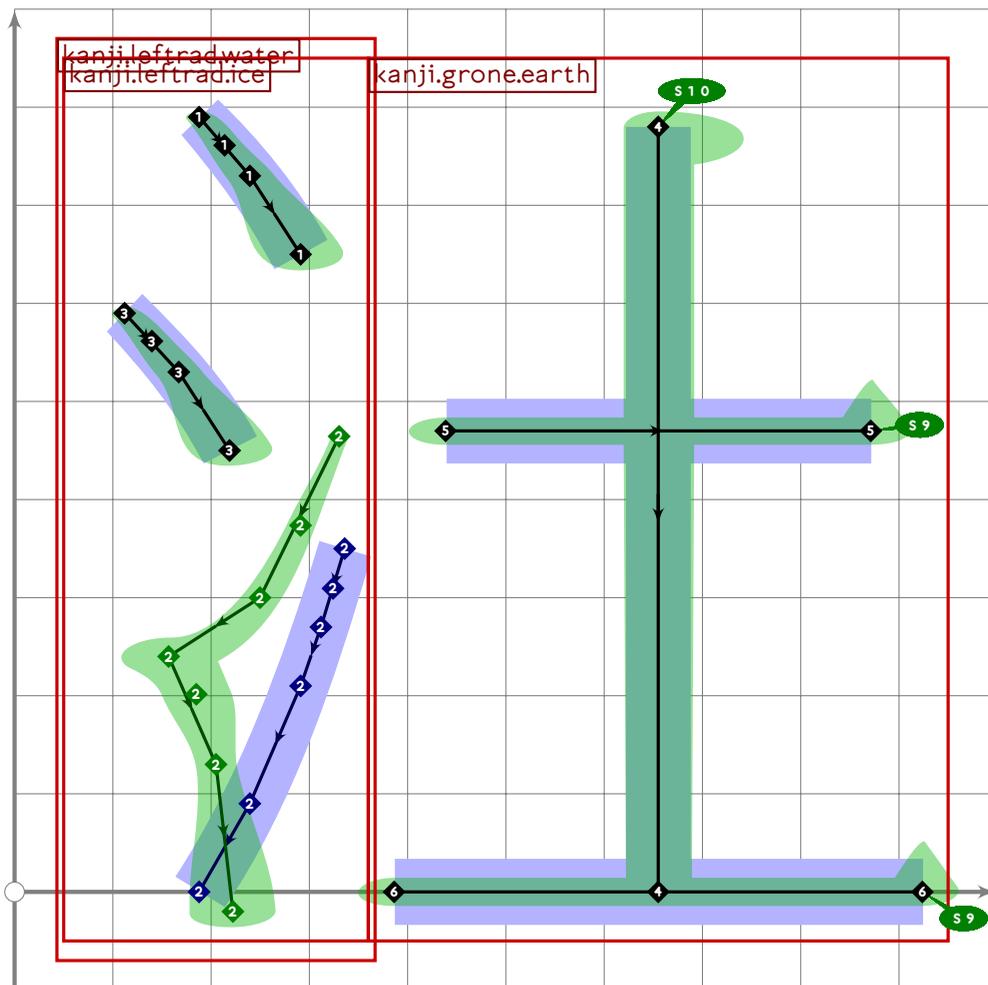
```

[see page 3415]

[see page 3410]

[see page 3396]

```
459 begintsuglyph('uni6C60'96);
460 kanji.grtwo.pond;
461 tsu_render;
462 endtsuglyph;
463
```

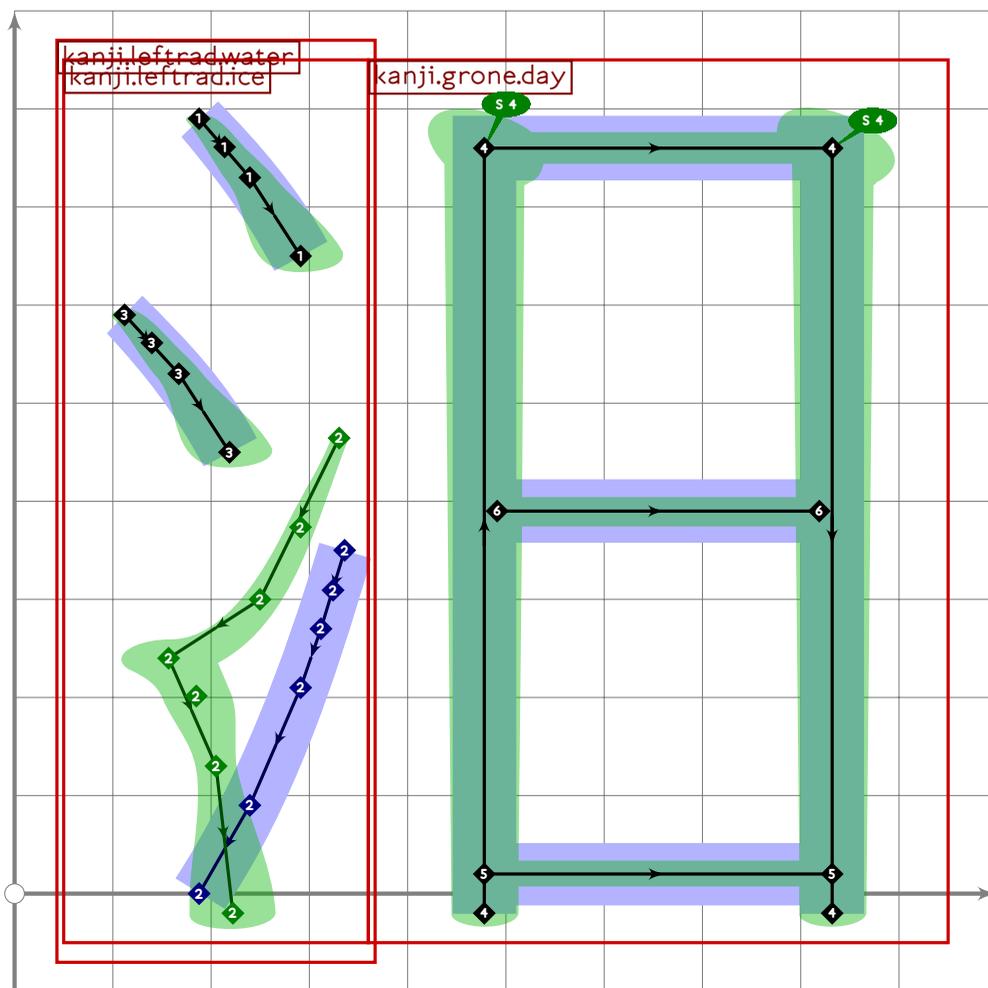


6C

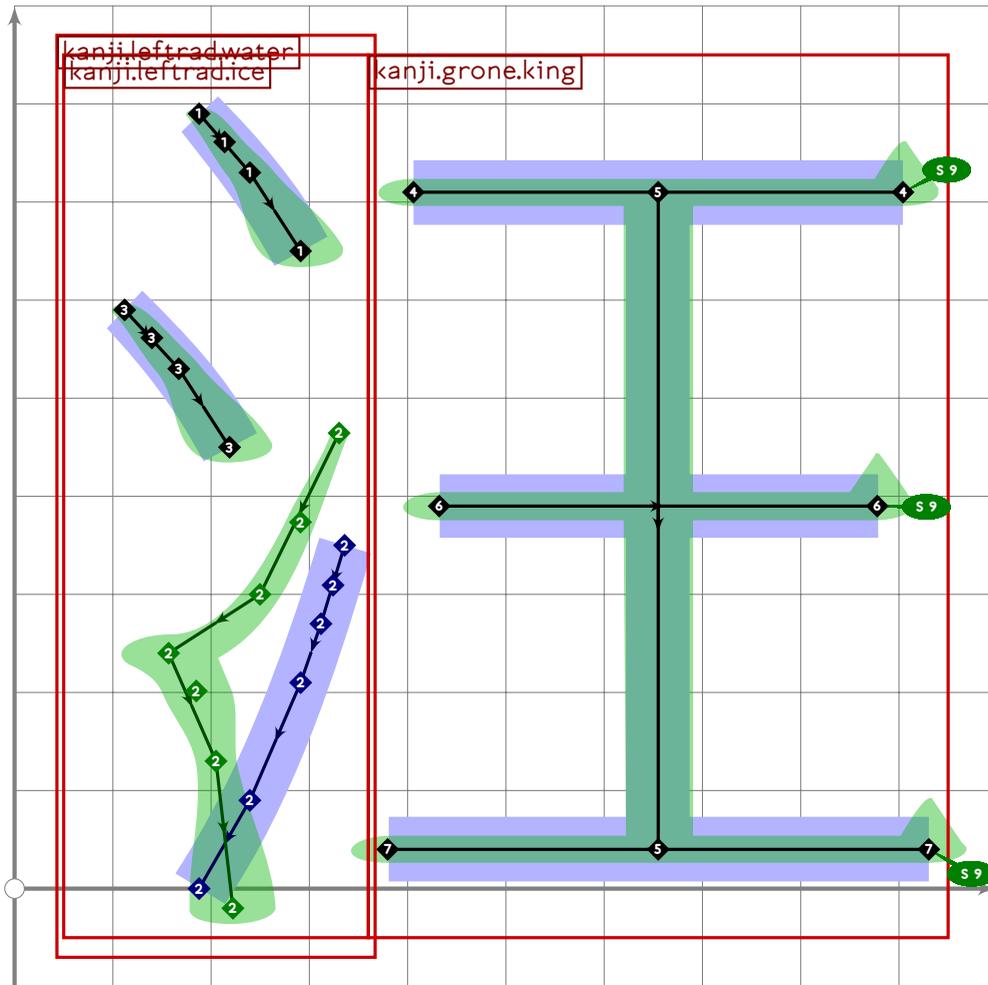
```
464 % extra
465 begintsuglyph('uni6C62'98);
466 build_kanji.lr(360,0)
467   (kanji.leftrad.water)
468   (kanji.grone.earth);
469 tsu_render;
470 endtsuglyph;
471
```

U+6C68  
tsuku.uni6C68

6C



```
472 % extra
473 begintsuglyph("uni6C68",104);
474 build_kanji.lr(360,0)
475 (kanji.leftrad.water)
476 (kanji.grone.day);
477 tsu_render;
478 endsuglyph;
479
```

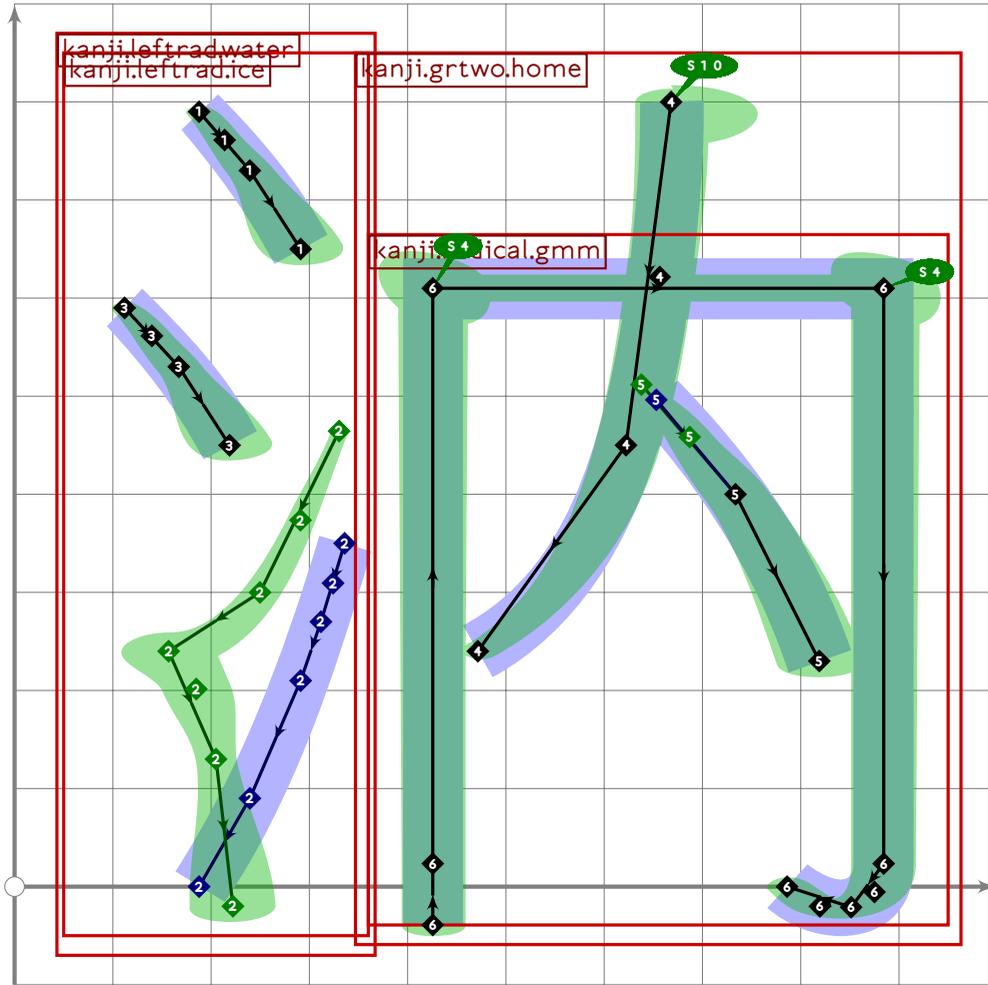


6C

```
480 % extra
481 begintsuglyph("uni6C6A;106);
482 build_kanji.lr(360,0)
483 (kanji.leftrad.water)
484 (kanji.grone.king);
485 tsu_render;
486 endtsuglyph;
487
```

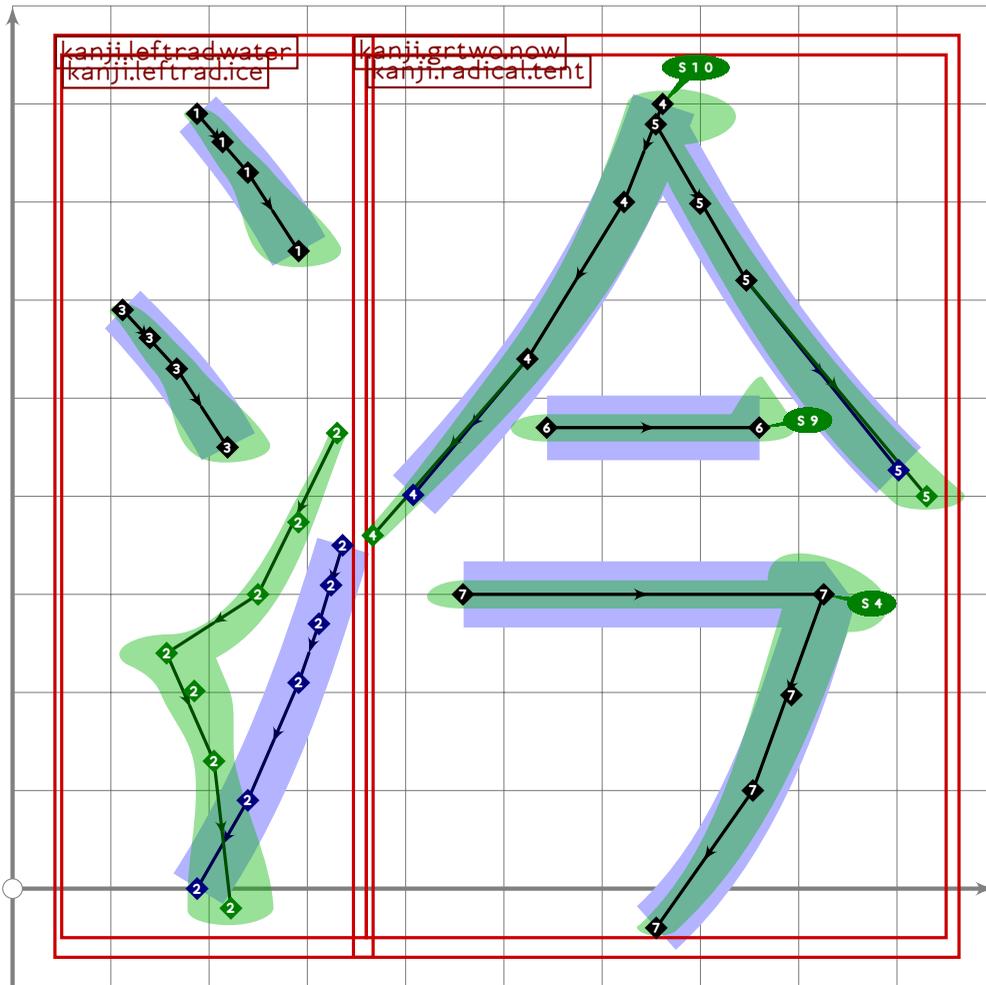
U+6C6D  
tsuku.uni6C6D

6C

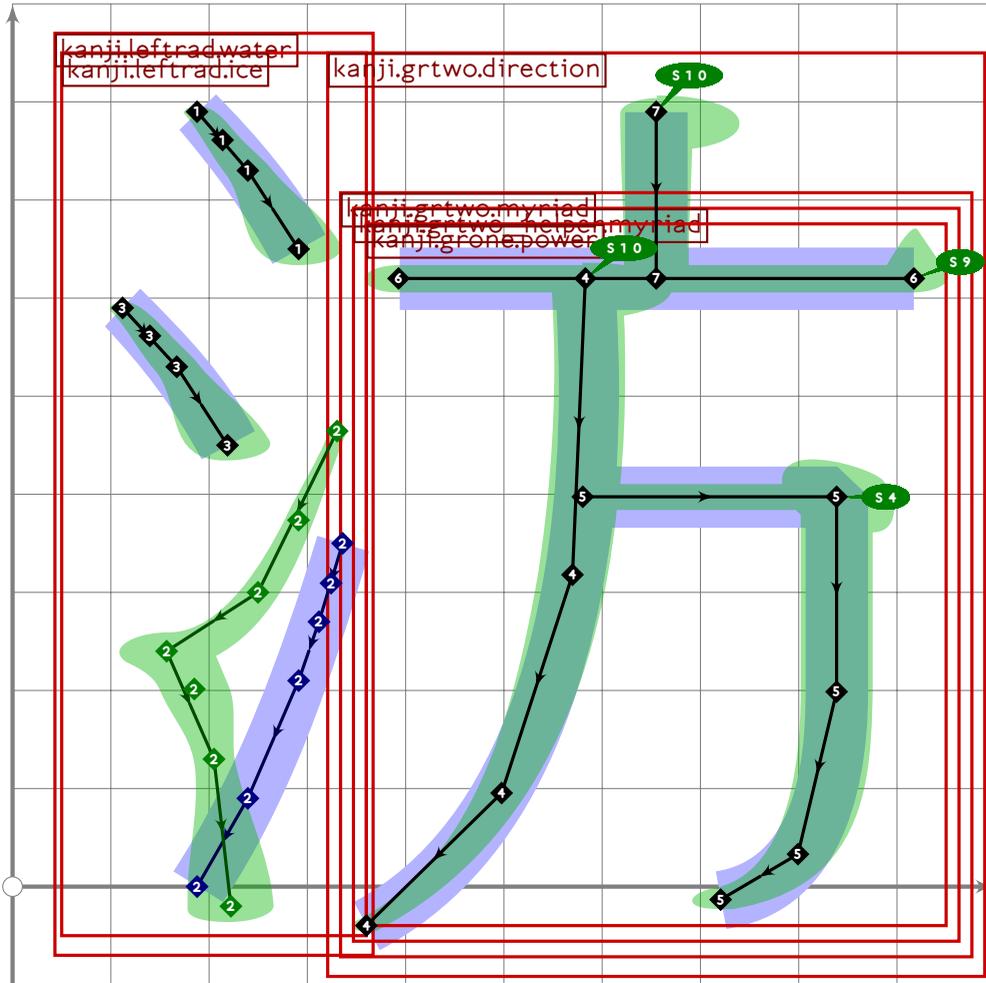


```
488 % extra
489 begintsuglyph("uni6C6D";109);
490 build_kanji.lr(360,0)
491 (kanji.leftrad.water)
492 (kanji.grtwo.home);
493 tsu_render;
494 endsuglyph;
495
496 % ta/ogo "luxury"
497 begintsuglyph("uni6C70";112);
498 kanji.grnine.luxury;
499 tsu_render;
500 endsuglyph;
501
```

[see page 3413]



```
502 % extra
503 begintsuglyph("uni6C75",117);
504 build_kanji.lr(360,0)
505   (kanji.leftrad.water)
506   (kanji.grtwo.now);
507   tsu_render;
508 endtsuglyph;
509
```

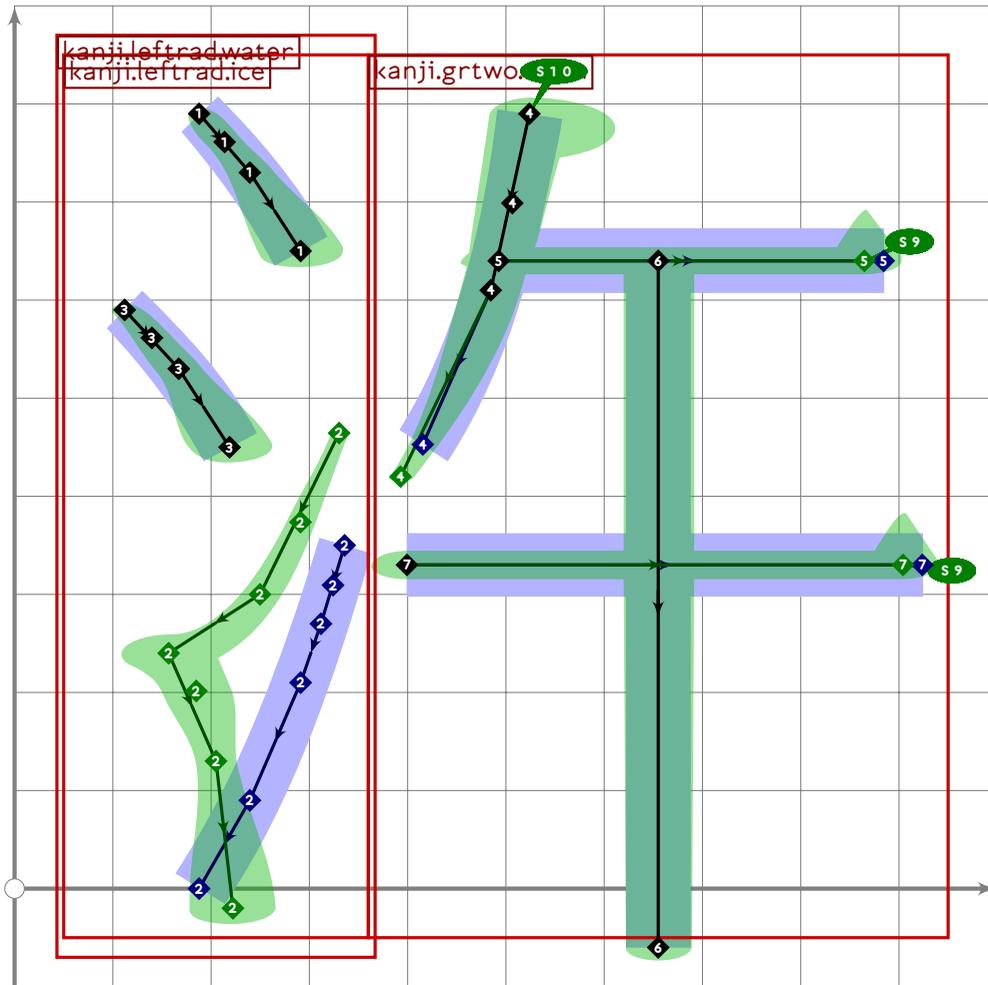


```

510 % extra
511 begintsuglyph("uni6C78",120);
512   build_kanji.lr(360,0)
513     (kanji.leftrad.water)
514     (kanji.grtwo.direction);
515   tsu_render;
516 endtsuglyph;
517
518 % ketsu/ki "decide"
519 begintsuglyph("uni6C7A",122);
520   kanji.grthree.decide;
521   tsu_render;
522 endtsuglyph;
523

```

[see page 3398]



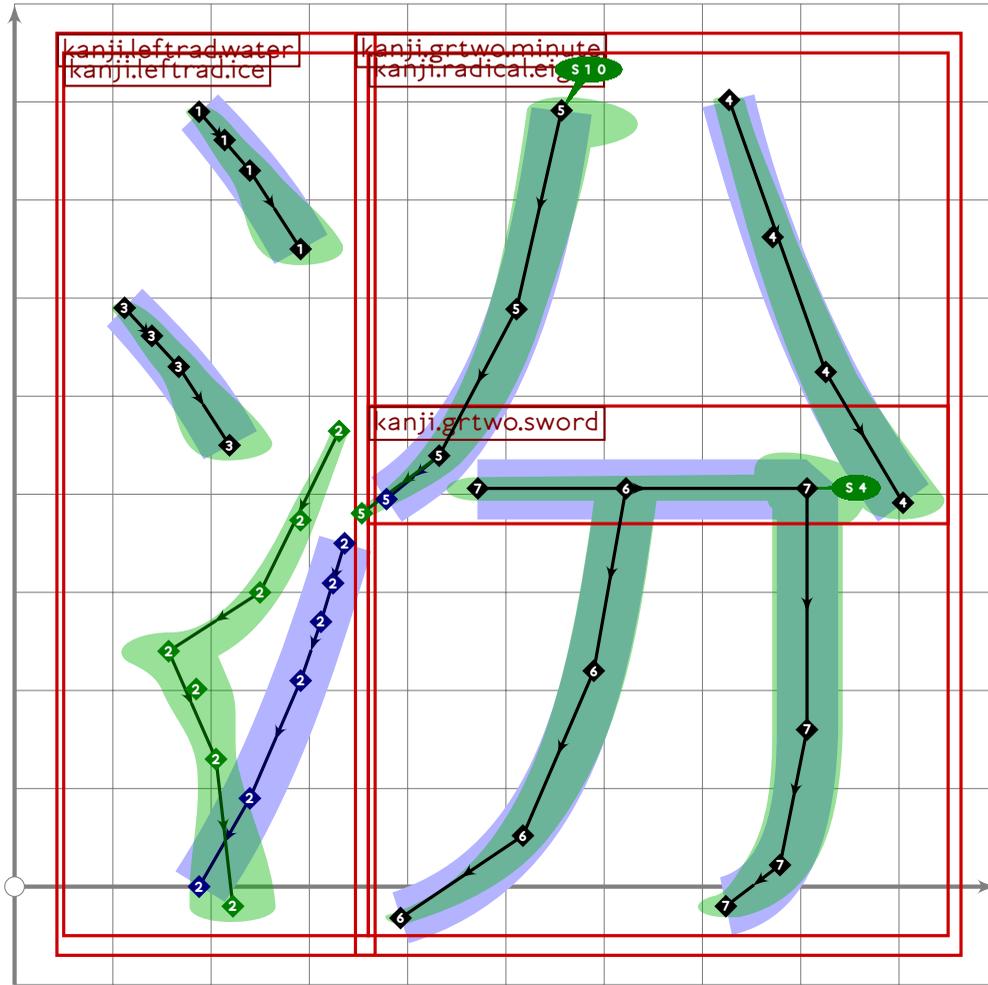
6C

```
524 % extra
525 begintsuglyph("uni6C7B";123);
526 build_kanji.lr(360,0)
527 (kanji.leftrad.water)
528 (kanji.grtwo.noon);
529 tsu_render;
530 endsuglyph;
531
532 % ki "steam"
533 begintsuglyph("uni6C7D";125);
534 kanji.grtwo.steam;
535 tsu_render;
536 endsuglyph;
537
```

[see page 3397]

U+6C7E  
tsuku.uni6C7E

6C



```

538 % extra "name of a Chinese river"
539 begintsuglyph("uni6C7E";126);
540 build_kanji.lr(360,0)
541   (kanji.leftrad.water)
542   (kanji.grtwo.minute);
543 tsu_render;
544 endtsuglyph;
545
546 % you/soso "fertility"
547 begintsuglyph("uni6C83";131);
548 kanji.greight.fertility;
549 tsu_render;
550 endtsuglyph;
551
552 % chuu/oki "open sea"
553 begintsuglyph("uni6C96";150);
554 kanji.grfour.open_sea;
555 tsu_render;
556 endtsuglyph;
557
558 % ka/kawa "river"

```

[see page 3411]

[see page 3406]

559 begintsuglyph("uni6CB3";179); [see page 3408]  
560 kanji.grfive.river;  
561 tsu\_render;  
562 endtsuglyph;  
563  
564 % yu/abura "oil"  
565 begintsuglyph("uni6CB9";185); [see page 3400]  
566 kanji.grthree.oil;  
567 tsu\_render;  
568 endtsuglyph;  
569  
570 % ji/osa "cure"  
571 begintsuglyph("uni6CBB";187); [see page 3404]  
572 kanji.grfour.cure;  
573 tsu\_render;  
574 endtsuglyph;  
575  
576 % en/so "along"  
577 begintsuglyph("uni6CBF";191); [see page 3409]  
578 kanji.grsix.along;  
579 tsu\_render;  
580 endtsuglyph;  
581  
582 % sen/izumi "spring" or "fountain" (not the season)  
583 begintsuglyph("uni6CC9";201); [see page 827]  
584 kanji.grsix.fountain;  
585 tsu\_render;  
586 endtsuglyph;  
587  
588 % hou/nori "law"  
589 begintsuglyph("uni6CD5";213); [see page 3405]  
590 kanji.grfour.law;  
591 tsu\_render;  
592 endtsuglyph;  
593  
594 % ha/nami "wave" (or Poland)  
595 begintsuglyph("uni6CE2";226); [see page 3403]  
596 kanji.grthree.wave;  
597 tsu\_render;  
598 endtsuglyph;  
599  
600 % kyuu/na "weep"  
601 begintsuglyph("uni6CE3";227); [see page 3407]  
602 kanji.grfour.weep;  
603 tsu\_render;  
604 endtsuglyph;  
605  
606 % chuu/soso "pour"

U+6CF4  
tsuku.uni6CF4

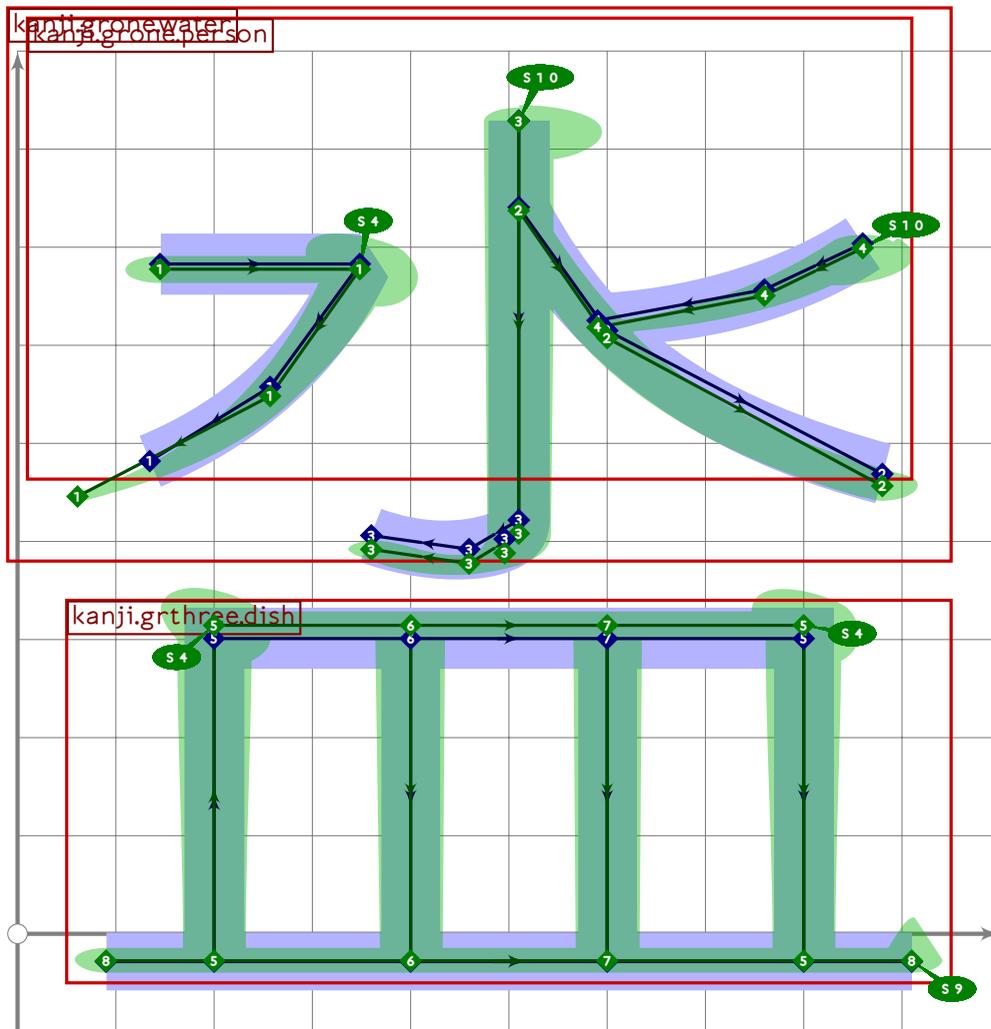
```
607 begintsuglyph("uni6CE8";232);  
608 kanji.grthree.pour;  
609 tsu_render;  
610 endsuglyph;  
611
```

[see page 3401]

6C

```
612 % ei/oyo "swim"  
613 begintsuglyph("uni6CF3";243);  
614 kanji.grthree.swim;  
615 tsu_render;  
616 endsuglyph;  
617
```

[see page 3402]



```
618 % extra: kan/kiyo  
619 begintsuglyph("uni6CF4";244);  
620 build_kanji.tb(360,-40+30*mincho)  
621 (kanji.grone.water)  
622 (kanji.grthree.dish);  
623 tsu_render;  
624 endsuglyph;  
625  
626
```

627

628 endfont;

629

630

---

# tsuku-6d.mp

6D

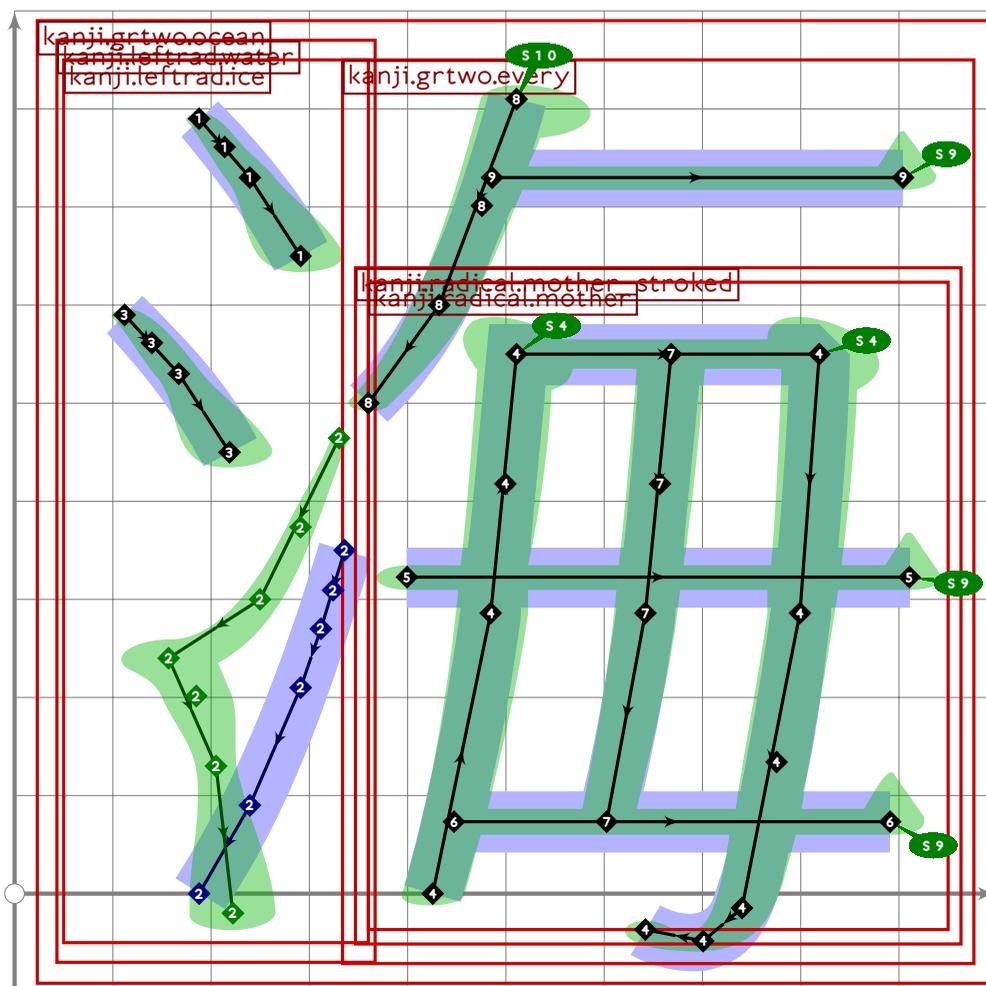
```
1 %
2 % Unicode page 6D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2018 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52 

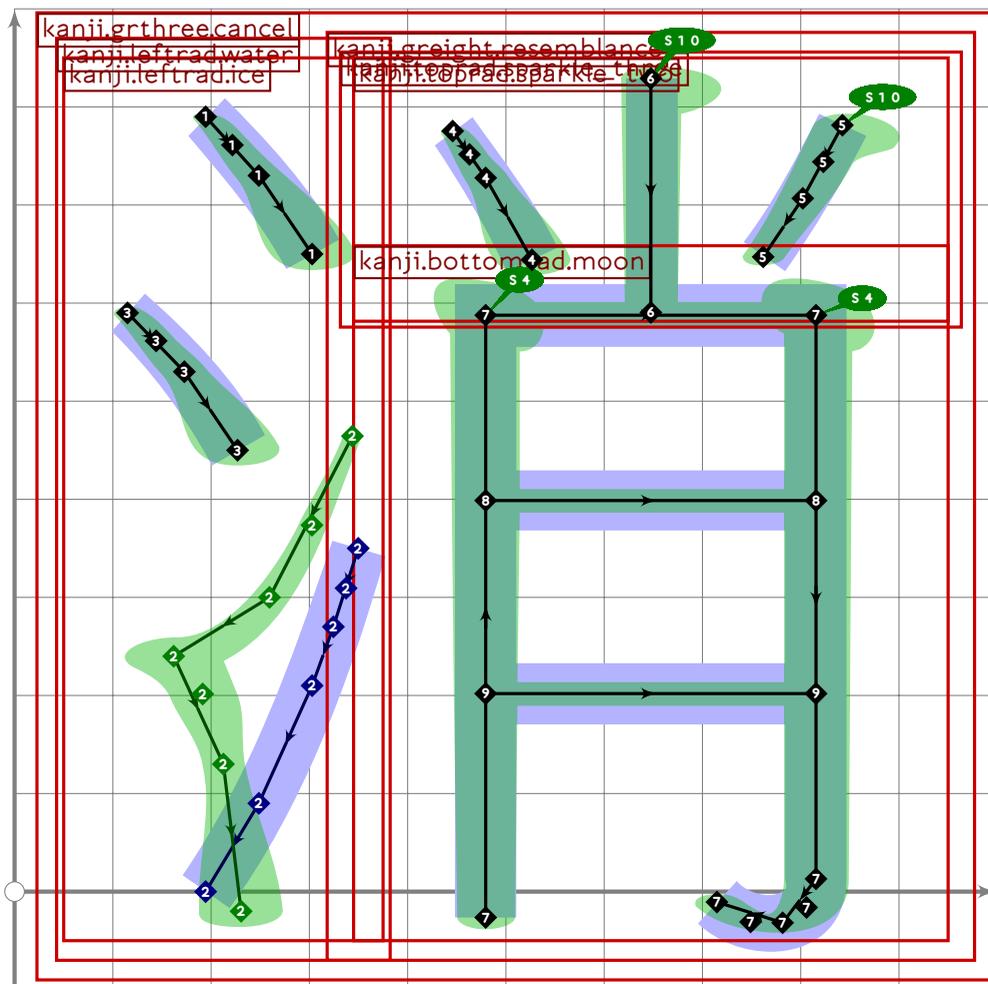
---


```

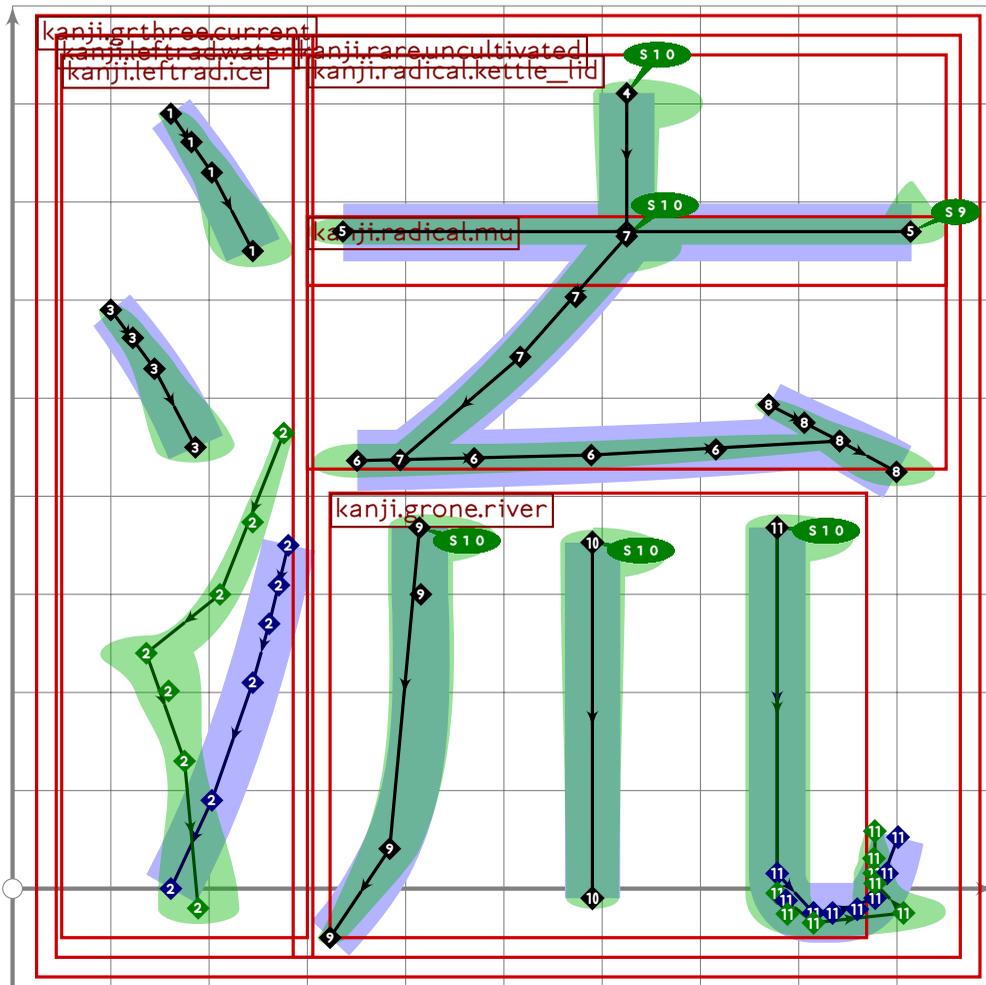


6D

```
53  
54 vardef kanji.grtwo.ocean =  
55   push_pbox_toexpand("kanji.grtwo.ocean");  
56   build_kanji.lr(360,0)  
57     (kanji.leftrad.water)  
58     (kanji.grtwo.every);  
59   expand_pbox;  
60 enddef;  
61  
62
```

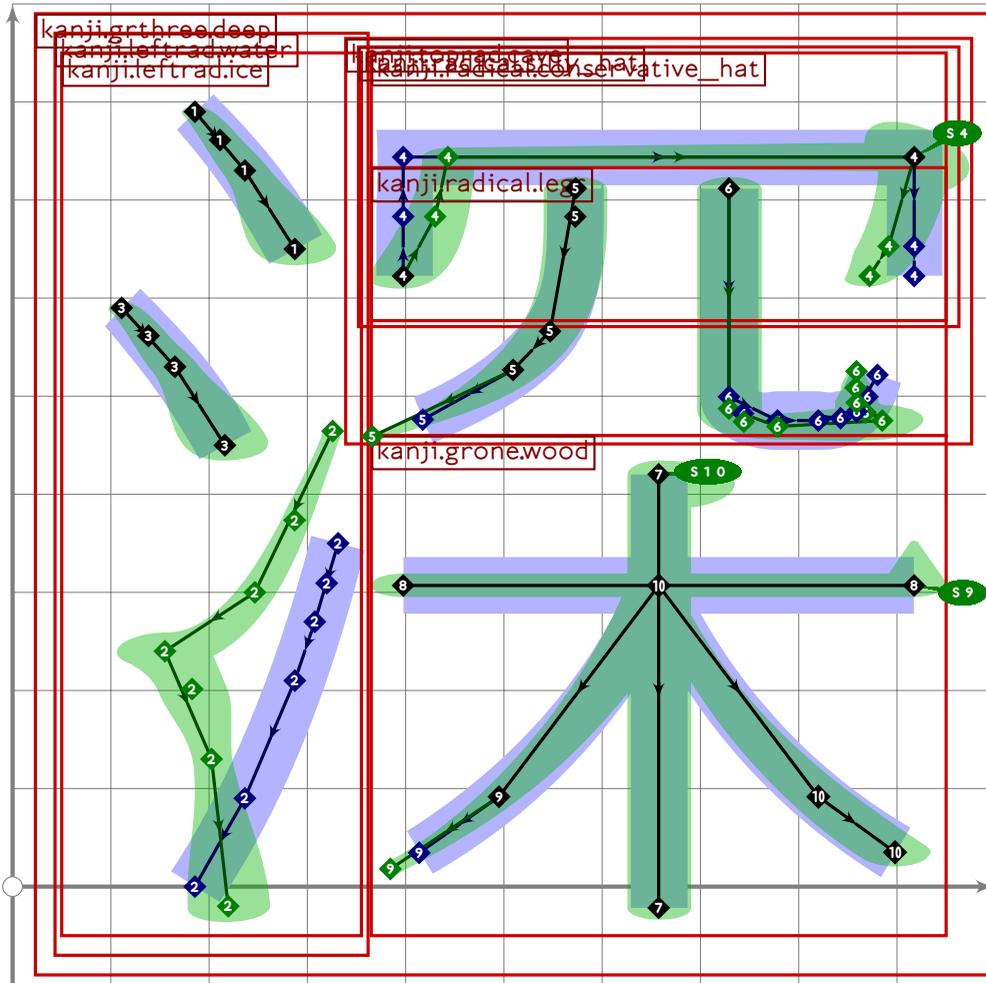


```
63  
64 vardef kanji.grthree.cancel =  
65   push_pbox_toexpand("kanji.grthree.cancel");  
66   build_kanji.lr(360,30  
67     (kanji.leftrad.water)  
68     (kanji.greight.resemblance);  
69   expand_pbox;  
70 enddef;
```

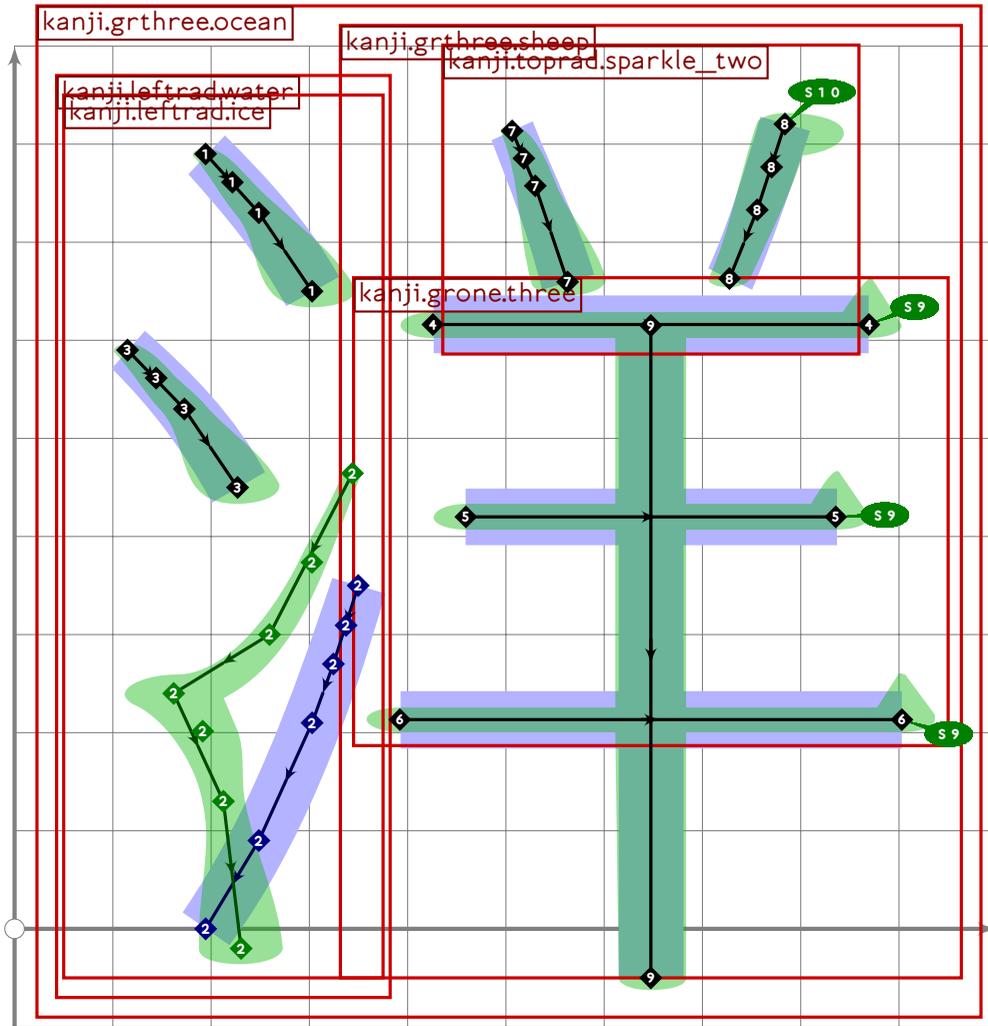


6D

```
71  
72 vardef kanji.grthree.current =  
73   push_pbox_toexpand("kanji.grthree.current");  
74   build_kanji.lr(300,0)  
75     (kanji.leftrad.water)  
76     (kanji.rare.uncultivated);  
77   expand_pbox;  
78 enddef;
```

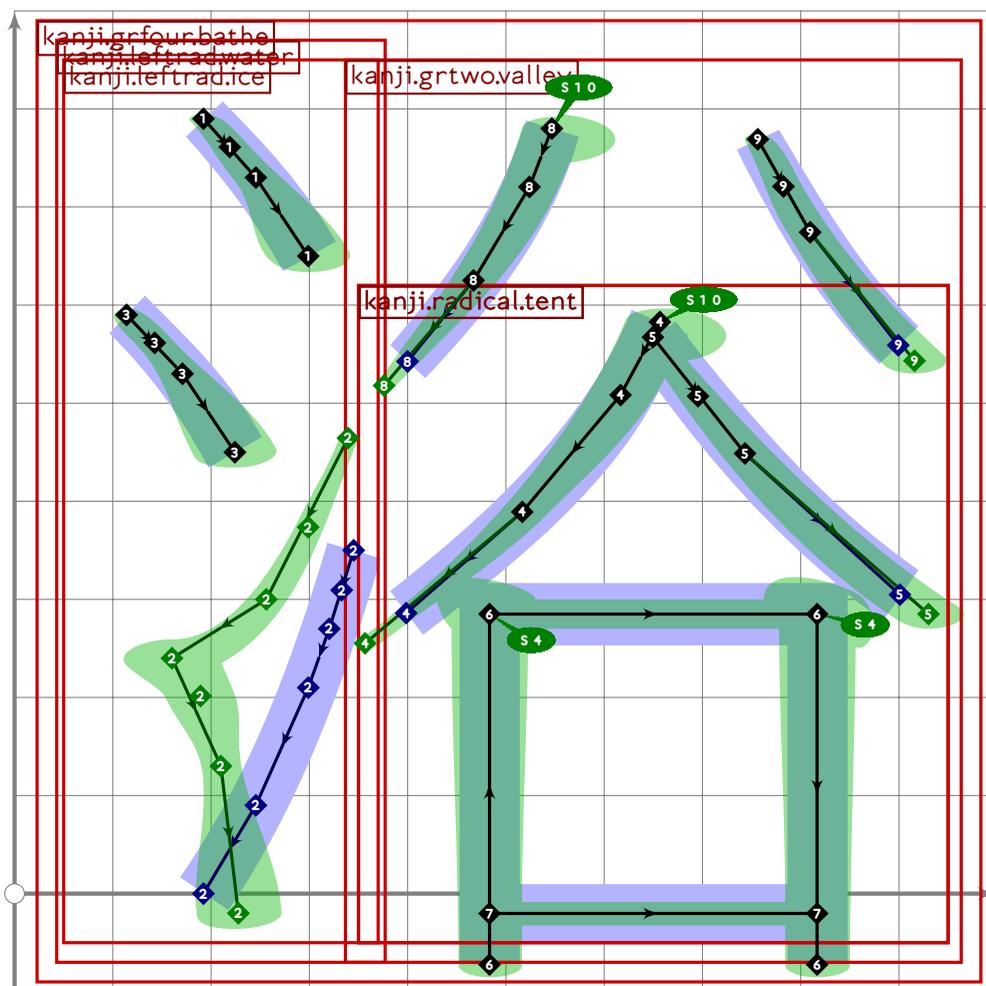


```
79  
80 vardef kanji.grthree.deep =  
81   push_pbox_toexpand("kanji.grthree.deep");  
82   build_kanji.lr(360,-10)  
83     (kanji.leftrad.water)  
84     (build_kanji.level(build_kanji.tb(460,0)  
85       (kanji.toprad.cave;  
86         set_bosize(-3,0))  
87       (kanji.grone.wood)));  
88   expand_pbox;  
89 enddef;
```

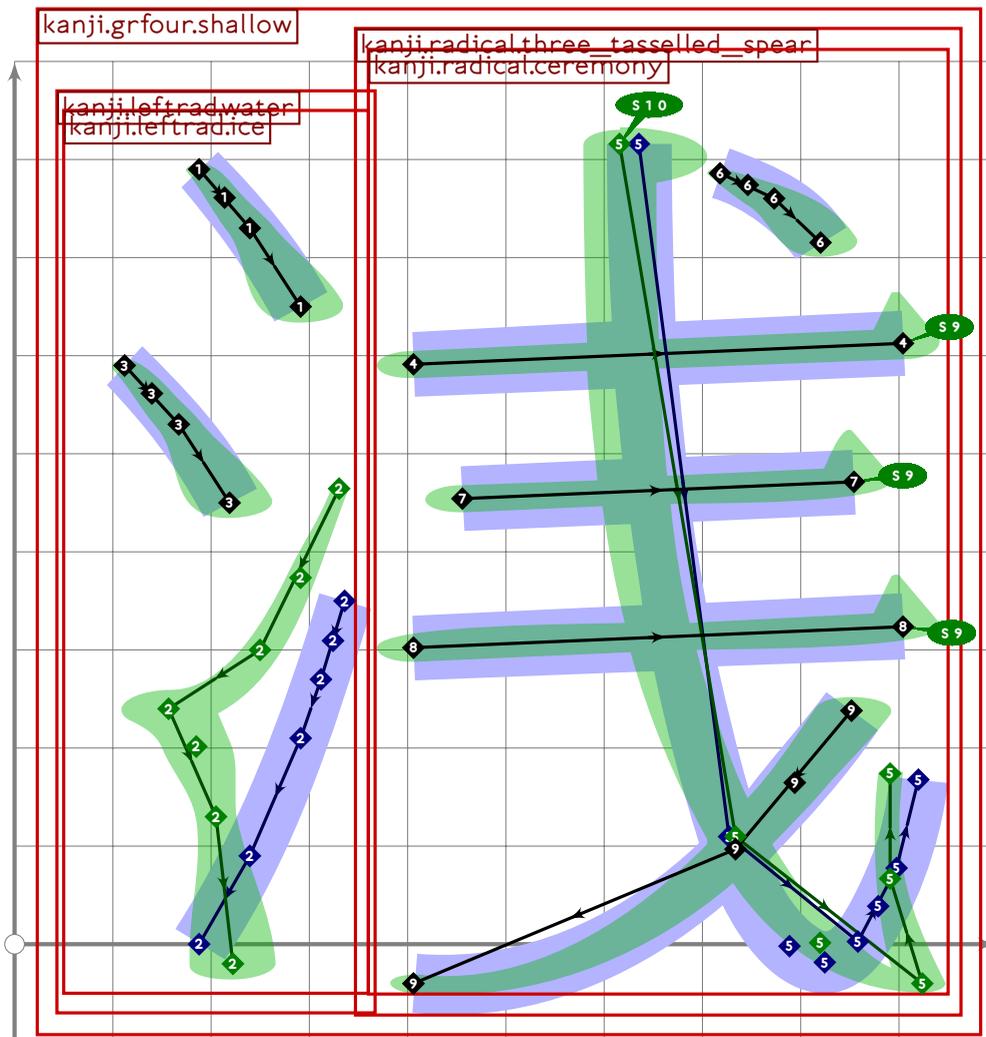


6D

```
90  
91 vardef kanji.grthree.ocean =  
92   push_pbox_toexpand("kanji.grthree.ocean");  
93   build_kanji.lr(360,30)  
94     (kanji.leftrad.water)  
95     (kanji.grthree.sheep);  
96   expand_pbox;  
97 enddef;  
98  
99
```

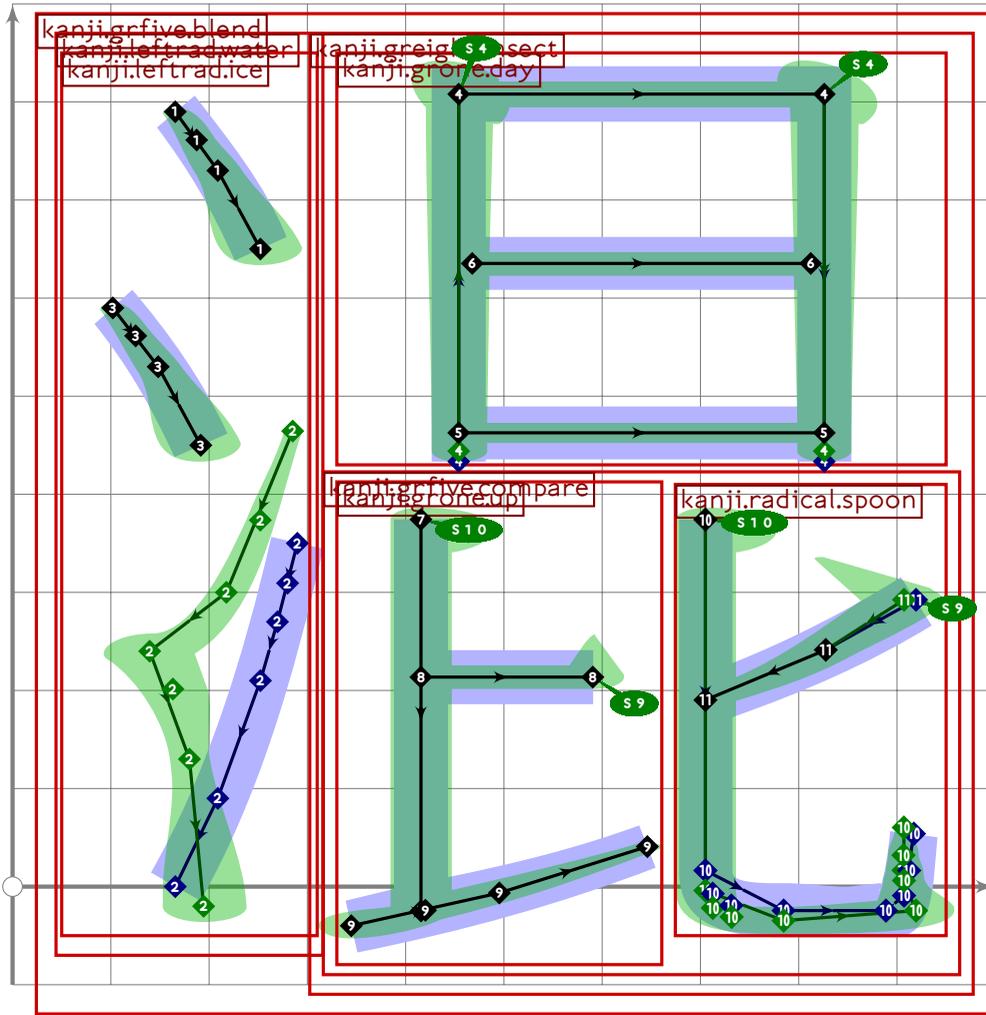


```
100
101 vardef kanji.grfour.bathe =
102   push_pbox_toexpand("kanji.grfour.bathe");
103   build_kanji.lr(360,20)
104     (kanji.leftrad.water)
105     (kanji.grtwo.valley);
106   expand_pbox;
107 enddef;
```

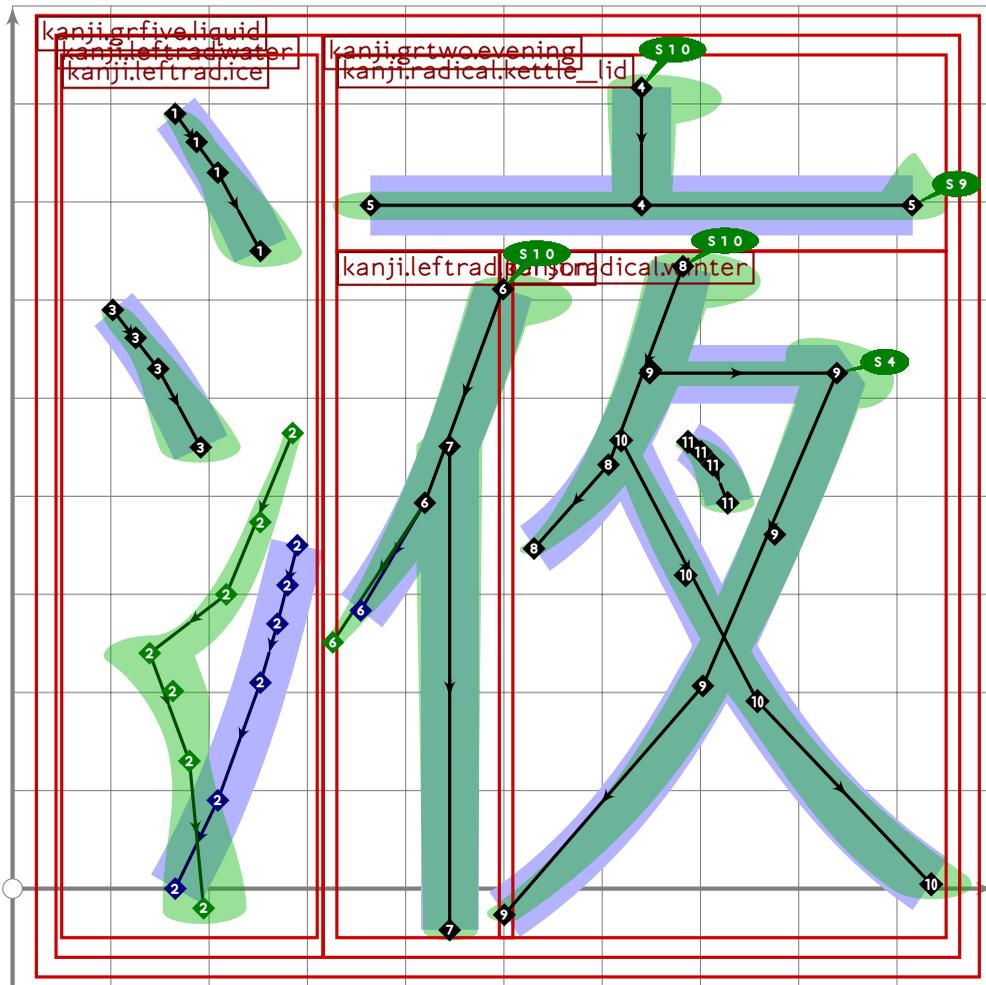


6D

```
108  
109 vardef kanji.grfour.shallow =  
110   push_pbox_toexpand("kanji.grfour.shallow");  
111   build_kanji.lr(360,0)  
112     (kanji.leftrad.water)  
113     (build_kanji.sscale(yscaled 1.07 shifted (0,30))  
114       (kanji.radical.three_tasselled_spear));  
115   expand_pbox;  
116 enddef;  
117  
118
```



```
119  
120 vardef kanji.grfive.blend =  
121   push_pbox_toexpand("kanji.grfive.blend");  
122   build_kanji.lr(320;20)  
123     (kanji.leftrad.water)  
124     (kanji.grfive.insect);  
125   expand_pbox;  
126 enddef;
```

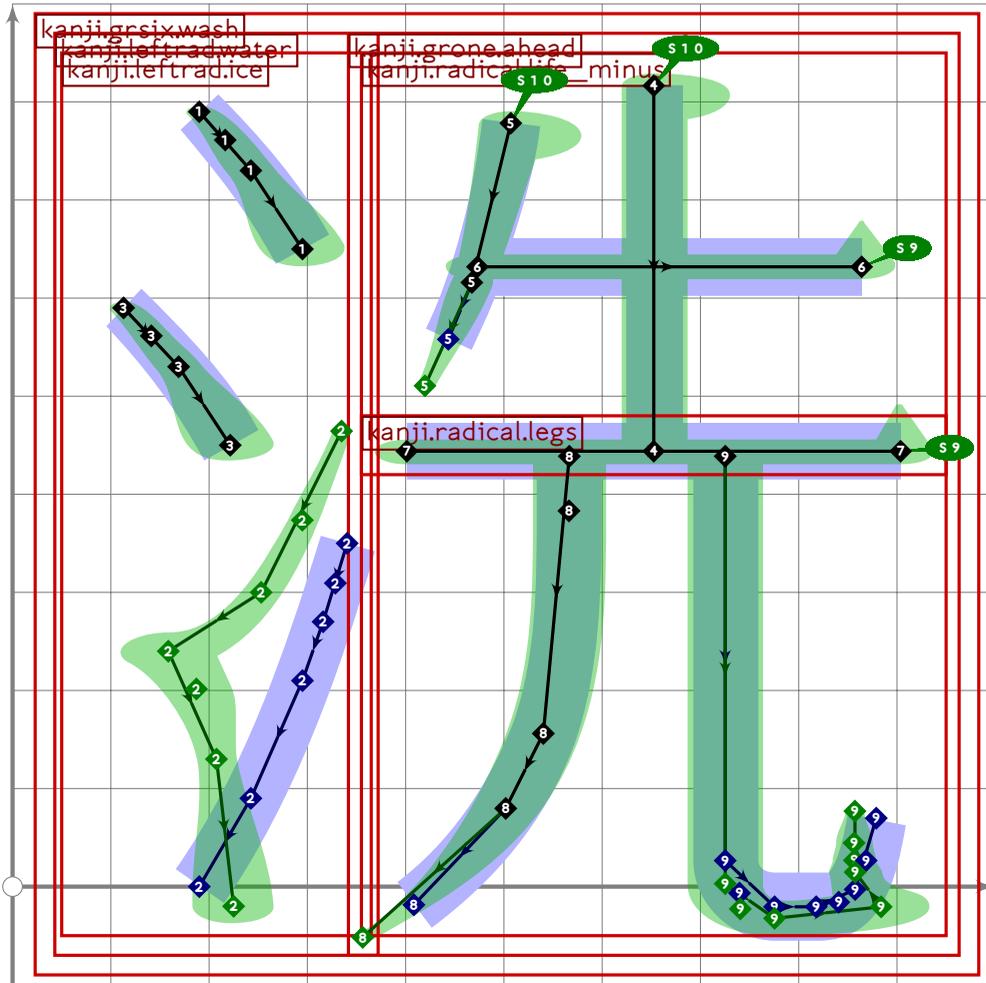


6D

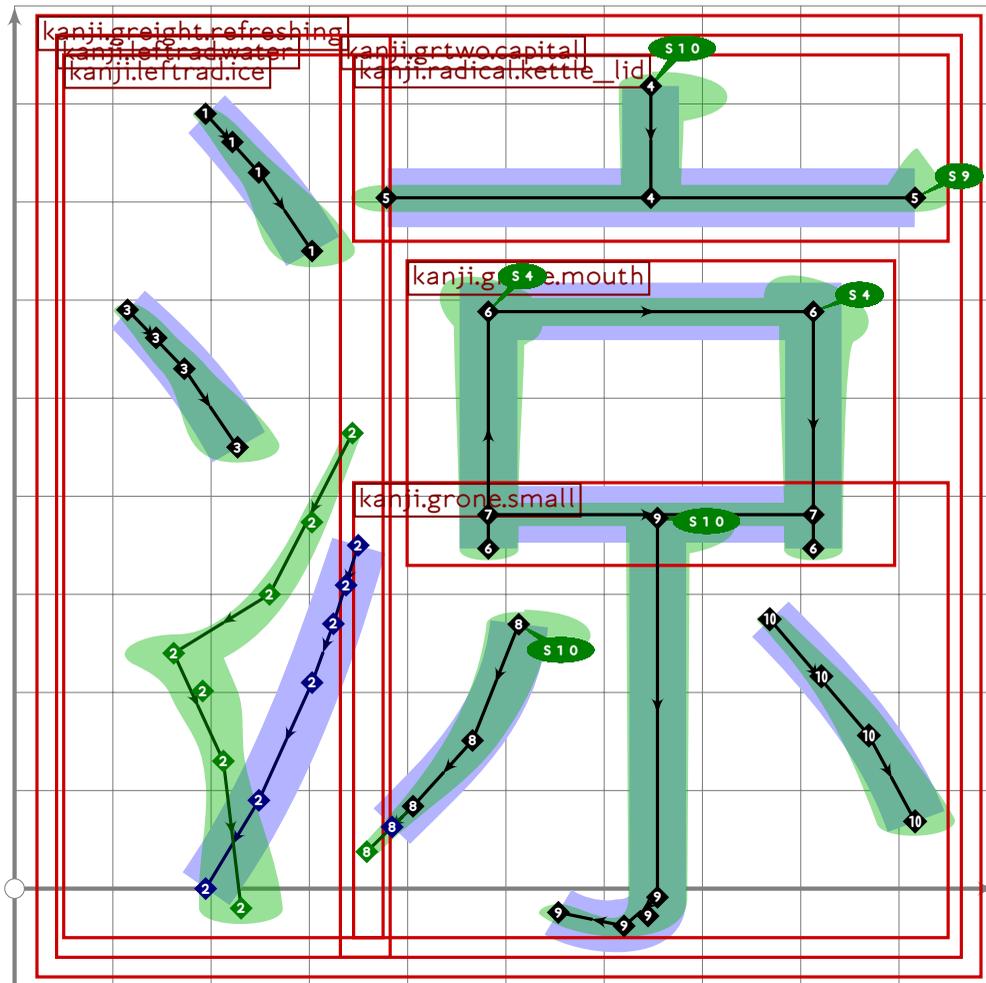
```
127  
128 vardef kanji.grfive.liquid =  
129   push_pbox_toexpand("kanji.grfive.liquid");  
130   build_kanji.lr(320;20)  
131     (kanji.leftrad.water)  
132     (kanji.grtwo.evening);  
133   expand_pbox;  
134 enddef;  
135  
136
```

U+6D17  
tsuku.uni6D17

6D



```
137  
138 vardef kanji.grsix.wash =  
139   push_pbox_toexpand("kanji.grsix.wash");  
140   build_kanji.lr(360,10)  
141     (kanji.leftrad.water)  
142     (kanji.grone.ahead);  
143   expand_pbox;  
144 enddef;  
145  
146
```



6D

```

147
148 vardef kanji.greight.refreshing =
149   push_pbox_toexpand("kanji.greight.refreshing");
150   build_kanji.lr(360,30)
151     (kanji.leftrad.water)
152     (kanji.grtwo.capital);
153   expand_pbox;
154 enddef;

```



```

157
158 % you "ocean"
159 begintsuglyph("uni6D0B";11); [see page 3449]
160 kanji.grthree.ocean;
161 tsu_render;
162 endtsuglyph;

```

```

163
164 % sen/ara "wash"
165 begintsuglyph("uni6D17";23); [see page 3454]
166 kanji.grsix.wash;
167 tsu_render;

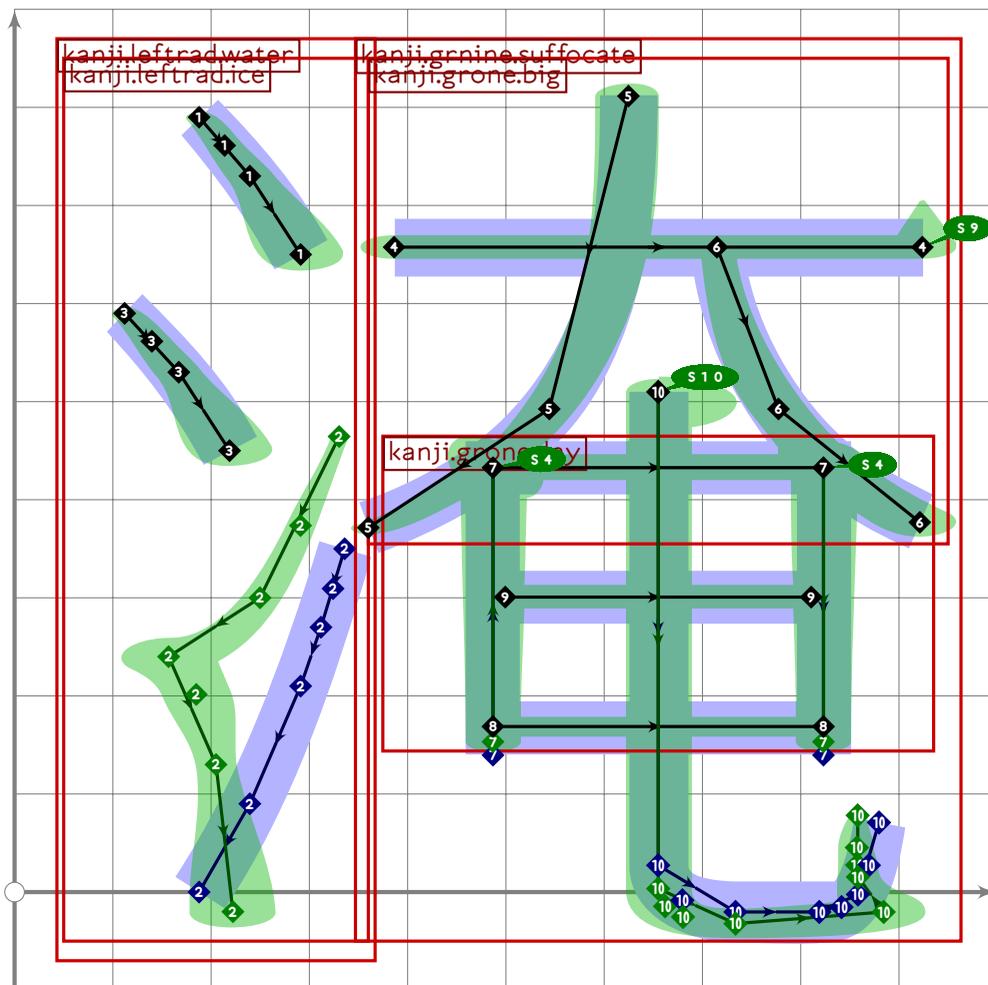
```

168 endtsuglyph;  
 169  
 170 % raku "Kyoto"  
 171 begintsuglyph("uni6D1B";27); [see page 1003]  
 172 kanji.grnine.kyoto;  
 173 tsu\_render;  
 174 endtsuglyph;  
 175  
 176 % katsu/i "correct"  
 177 begintsuglyph("uni6D3B";59); [see page 589]  
 178 kanji.grtwo.vitality;  
 179 tsu\_render;  
 180 endtsuglyph;  
 181  
 182 % ryuu/naga "current"  
 183 begintsuglyph("uni6D41";65); [see page 3447]  
 184 kanji.grthree.current;  
 185 tsu\_render;  
 186 endtsuglyph;  
 187  
 188 % sen/asa "shallow"  
 189 begintsuglyph("uni6D45";69); [see page 3451]  
 190 kanji.grfour.shallow;  
 191 tsu\_render;  
 192 endtsuglyph;  
 193  
 194 % yoku/a "bathe"  
 195 begintsuglyph("uni6D74";116); [see page 3450]  
 196 kanji.grfour.bathe;  
 197 tsu\_render;  
 198 endtsuglyph;  
 199  
 200 % kai/umi "ocean"  
 201 begintsuglyph("uni6D77";119); [see page 3445]  
 202 kanji.grtwo.ocean;  
 203 tsu\_render;  
 204 endtsuglyph;  
 205  
 206 % shou/ki "cancel"  
 207 begintsuglyph("uni6D88";136); [see page 3446]  
 208 kanji.grthree.cancel;  
 209 tsu\_render;  
 210 endtsuglyph;  
 211  
 212 % eki "liquid"  
 213 begintsuglyph("uni6DB2";178); [see page 3453]  
 214 kanji.grfive.liquid;  
 215 tsu\_render;

```

216 endtsuglyph;
217
218 % ryou/suzu "refreshing"
219 begintsuglyph("uni6DBC";188); [see page 3455]
220 kanji.greight.refreshing;
221 tsu_render;
222 endtsuglyph;
223
224 % name of a specific river in China, needed for grfive "semi"
225 begintsuglyph("uni6DEE";238); [see page 1067]
226 kanji.rare.huai_river;
227 tsu_render;
228 endtsuglyph;
229

```



```

230 % extra en/i "soak" (in particular, making tea or coffee)
231 begintsuglyph("uni6DF9";249);
232 build_kanji.lr(360,0)
233 (kanji.leftrad.water)
234 (kanji.grnine.suffocate);
235 tsu_render;
236 endtsuglyph;

```

237

238 % shin/fuka "deep"

239 begintsuglyph("uni6DF1";241);

[see page 3448]

240 kanji.grthree.deep;

241 tsu\_render;

242 endtsuglyph;

243

244 % kon/ma "blend"

245 begintsuglyph("uni6DF7";247);

[see page 3452]

246 kanji.grfive.blend;

247 tsu\_render;

248 endtsuglyph;

249

250

---

251

252 endfont;

253

254

---

# tsuku-6e.mp

6E

```
1 %
2 % Unicode page 6E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

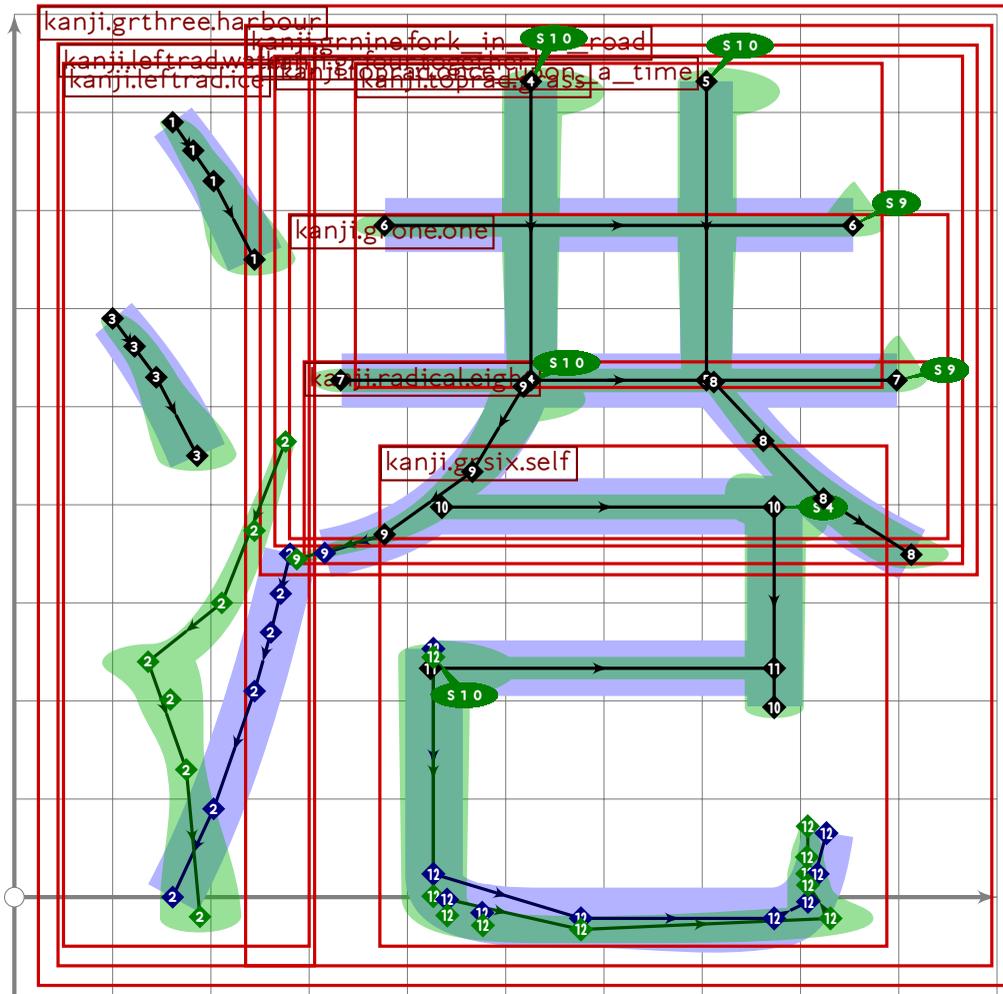
---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input rightrad.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54 

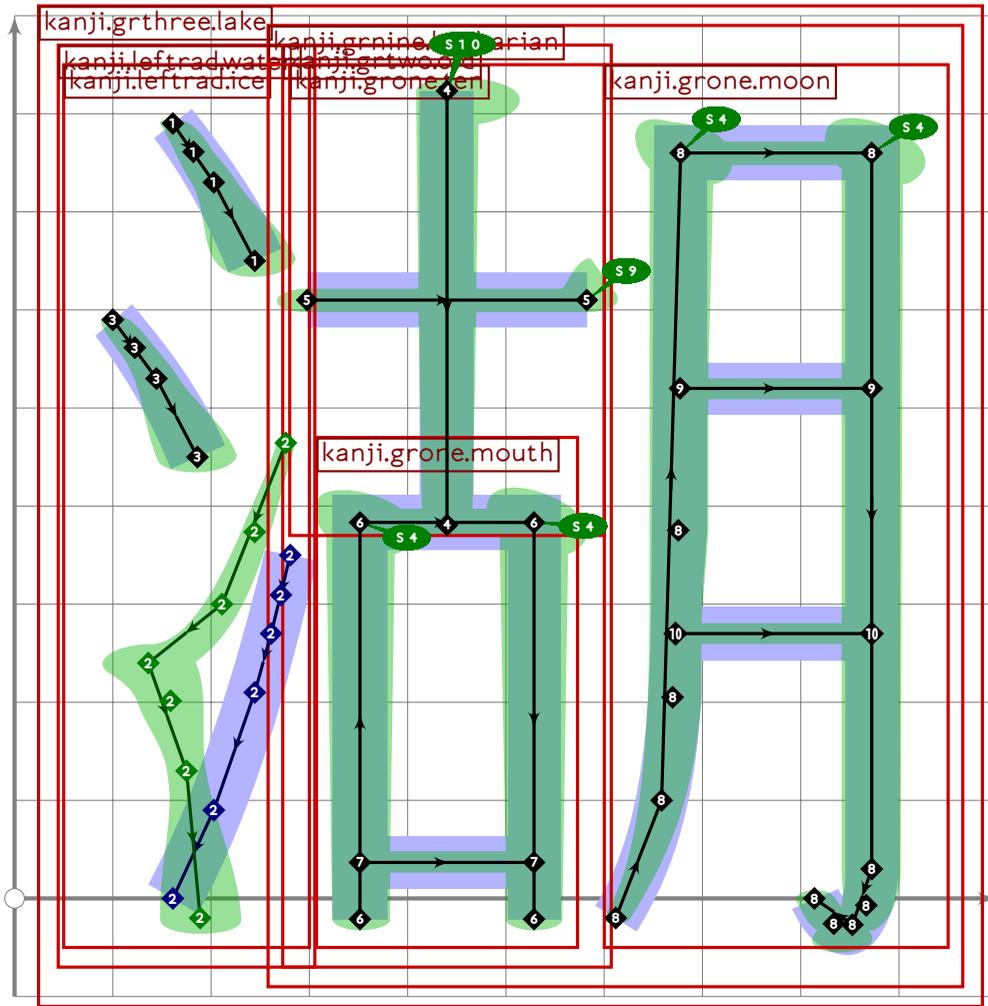
---


```

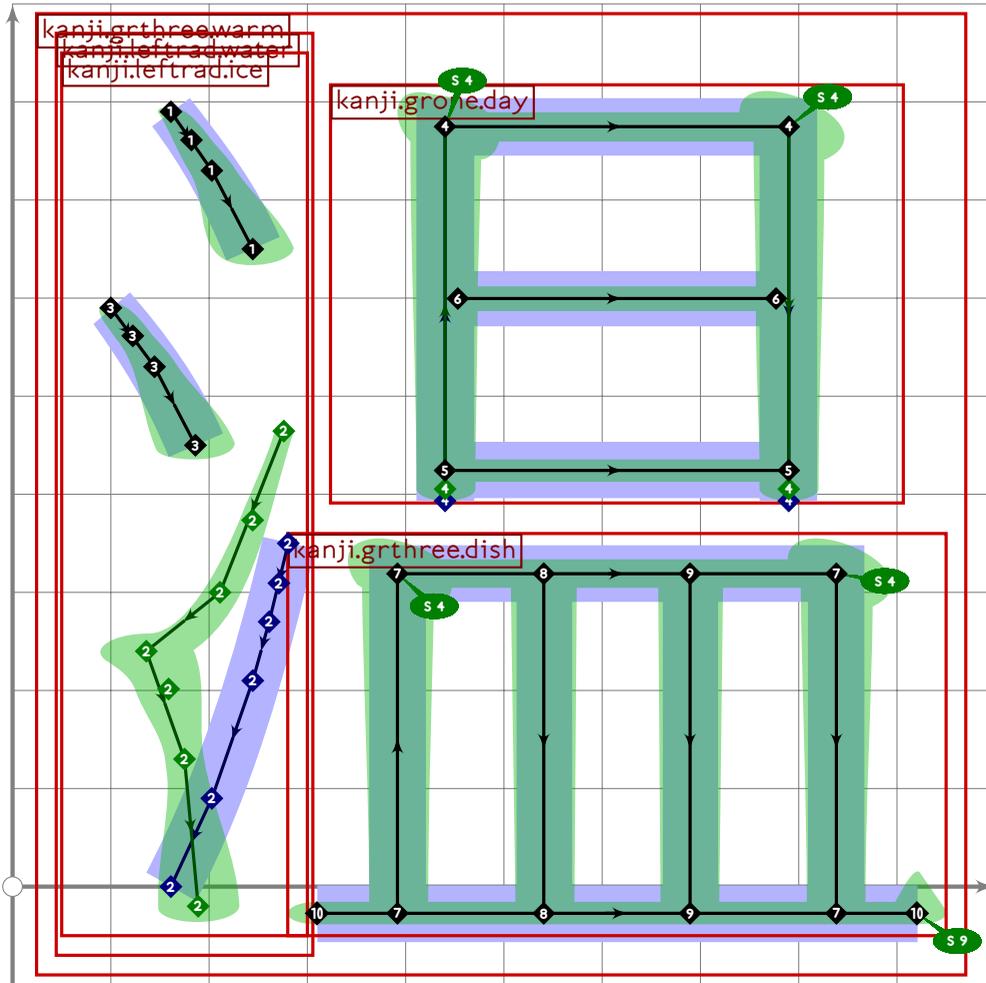
6E



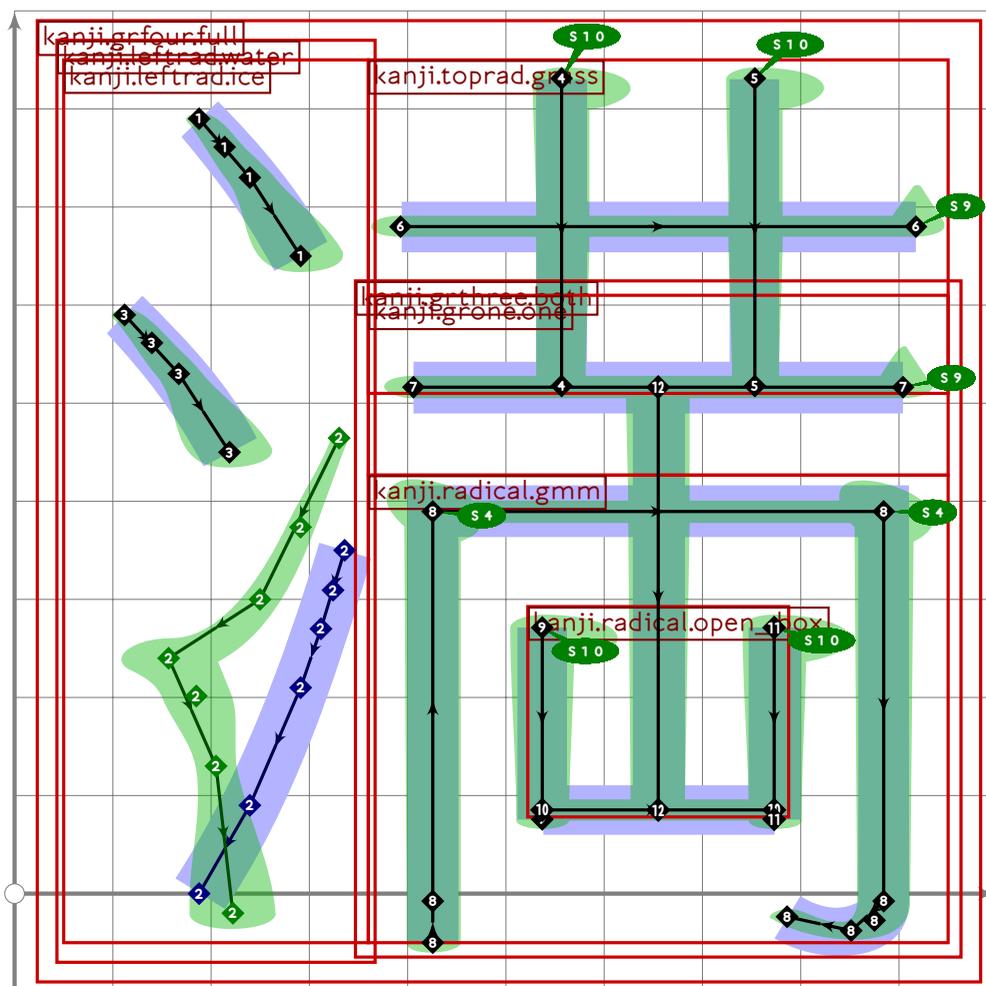
```
55  
56 vardef kanji.grthree.harbour =  
57   push_pbox_toexpand("kanji.grthree.harbour");  
58   build_kanji.lr(290,20)  
59     (kanji.leftrad.water)  
60     (kanji.grnine.fork_in_the_road);  
61   expand_pbox;  
62 enddef;
```



```
63  
64 vardef kanji.grthree.lake =  
65   push_pbox_toexpand("kanji.grthree.lake");  
66   build_kanji.lr(290,20)  
67     (kanji.leftrad.water)  
68     (kanji.grnine.barbarian);  
69   expand_pbox;  
70 enddef;
```



```
71  
72 vardef kanji.grthree.warm =  
73   push_pbox_toexpand("kanji.grthree.warm");  
74   build_kanji.lr(290,20)  
75     (kanji.leftrad.water)  
76     (build_kanji.level(build_kanji.tb(360,0)  
77       (build_kanji.sscale(scaled 0.87)(kanji.grone.day))  
78       (kanji.grthree.dish)));  
79   expand_pbox;  
80 enddef;  
81  
82
```

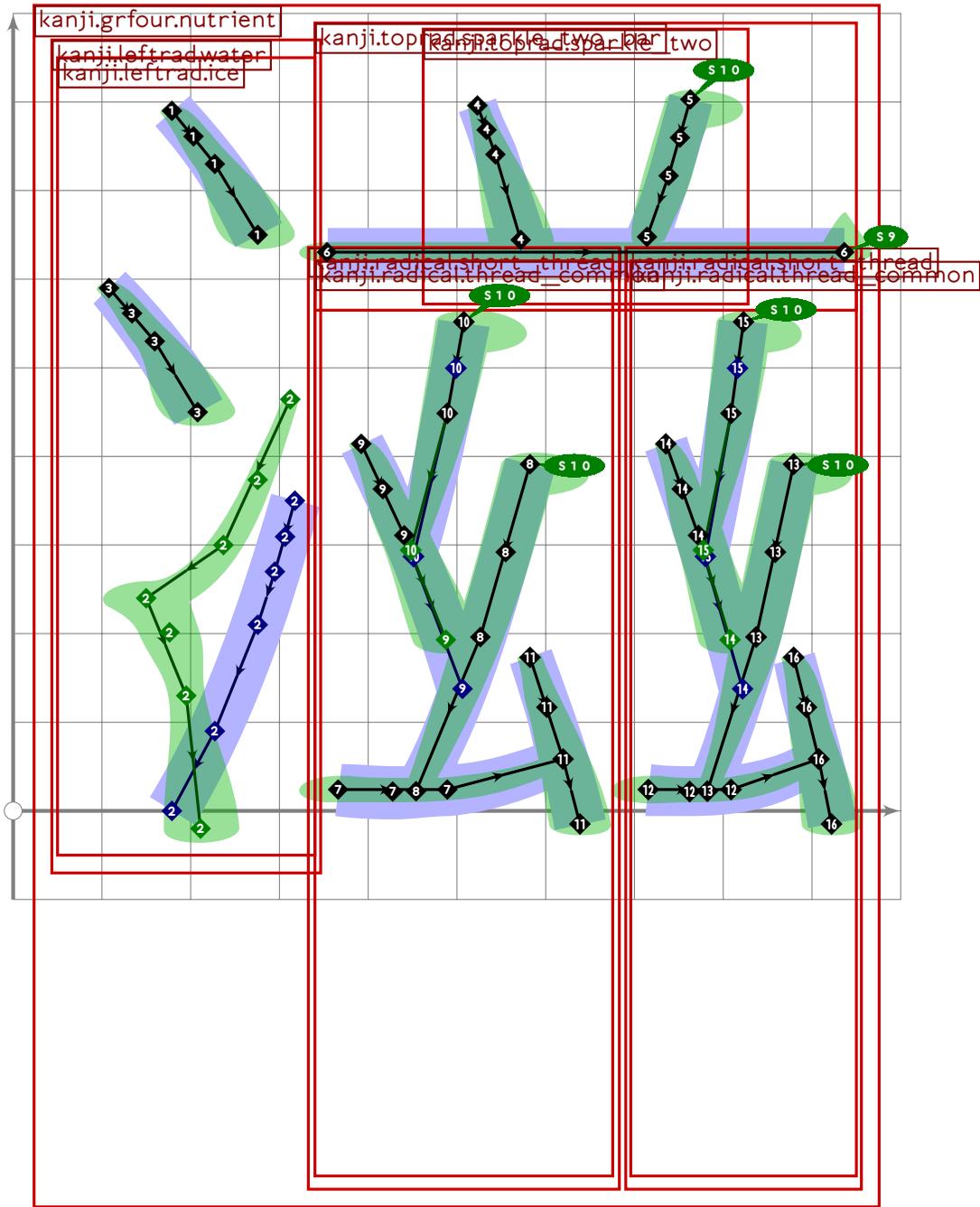


```

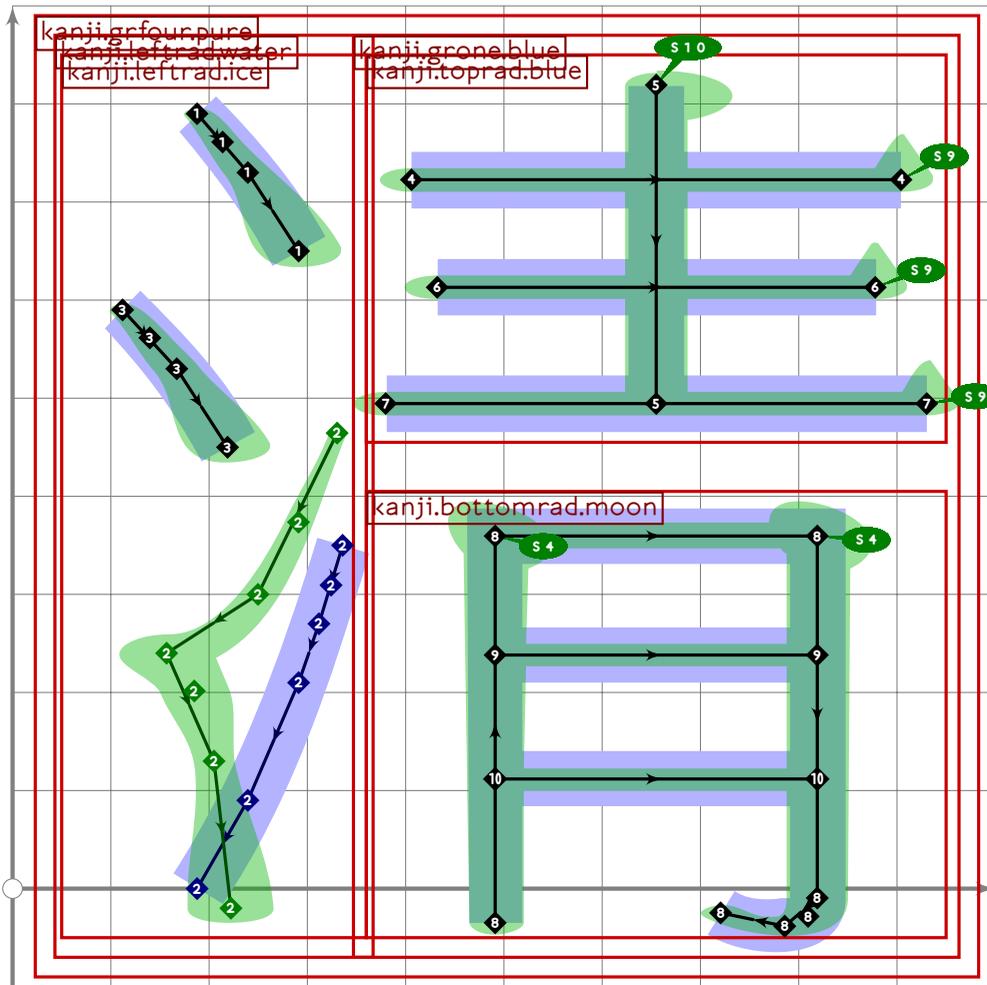
83
84 vardef kanji.grfour.full =
85   push_pbox_toexpand("kanji.grfour.full");
86   build_kanji.lr(360,0)
87     (kanji.leftrad.water)
88     (build_kanji.level(build_kanji.tb(560,100)
89       (kanji.toprad.grass)
90       (kanji.grthree.both)));
91   expand_pbox;
92 enddef;

```

6E

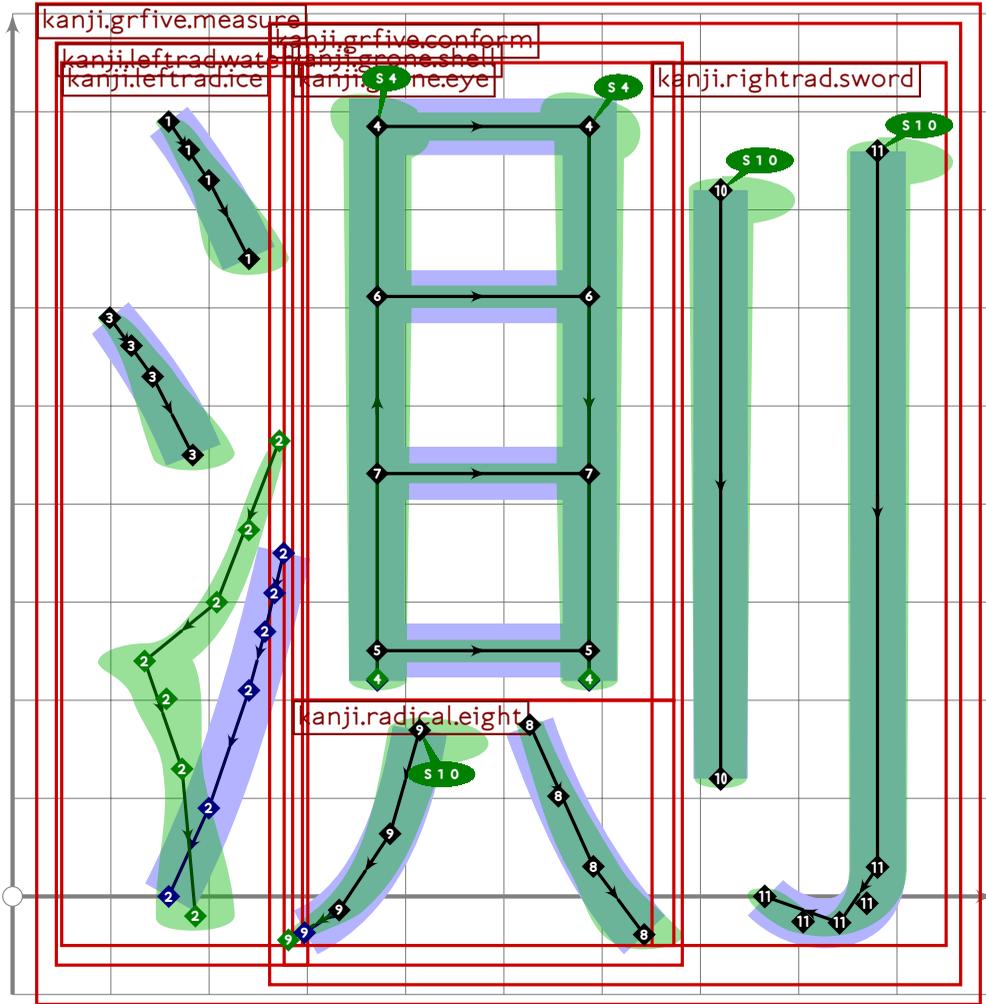


```
93  
94 vardef kanji.grfour.nutrient =  
95   push_pbox_toexpand("kanji.grfour.nutrient");  
96   build_kanji.lr(340,0)  
97     (kanji.leftrad.water)  
98     (build_kanji.sscale(yscaled 1.07)(build_kanji.tb(570,20)  
99       (kanji.toprad.sparkle_two_bar  
100         (build_kanji.lr(560,-30)  
101           (kanji.radical.short_thread)  
102           (kanji.radical.short_thread)))));  
103   expand_pbox;  
104 enddef;
```

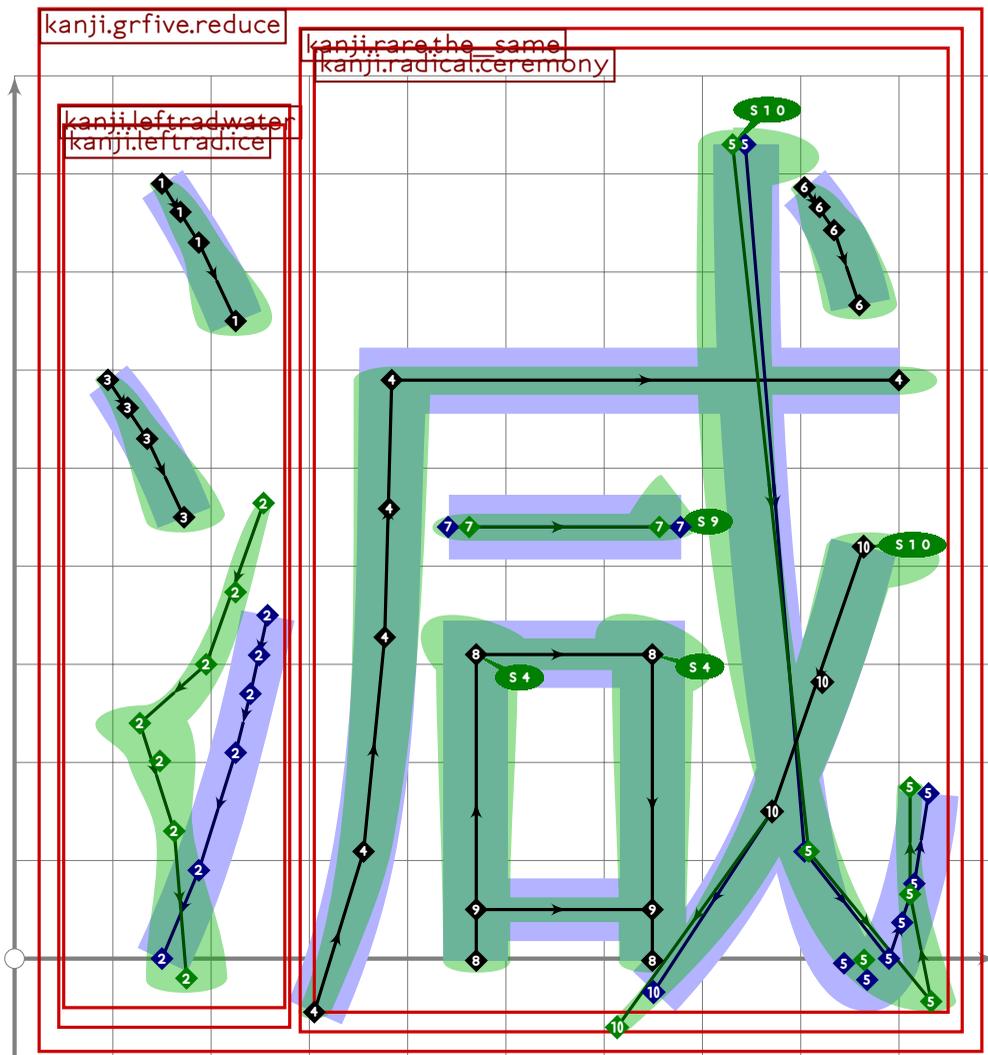


6E

```
105  
106 vardef kanji.grfour.pure =  
107   push_pbox_toexpand("kanji.grfour.pure");  
108   build_kanji.lr(360,0)  
109     (kanji.leftrad.water)  
110     (kanji.grone.blue);  
111   expand_pbox;  
112 enddef;  
113  
114
```

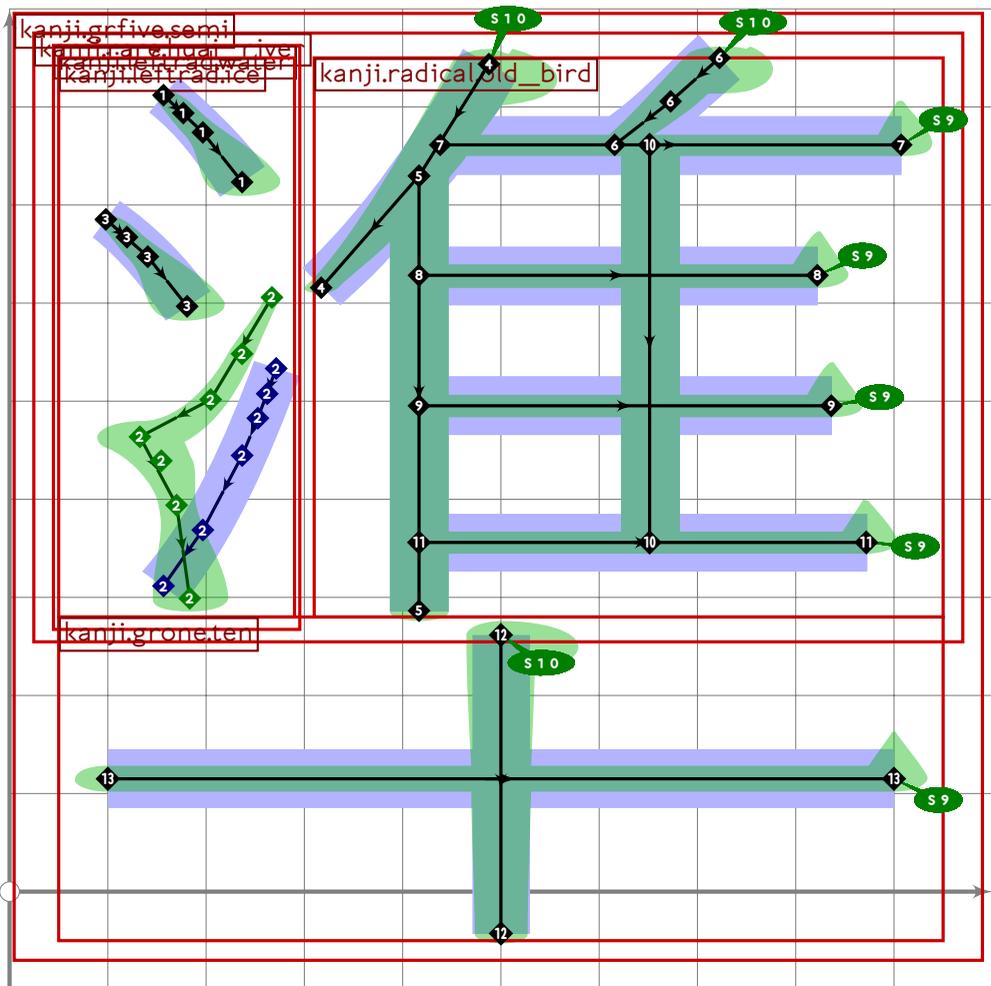


```
115  
116 vardef kanji.grfive.measure =  
117   push_pbox_toexpand("kanji.grfive.measure");  
118   build_kanji.lr(290,10)  
119     (kanji.leftrad.water)  
120     (kanji.grfive.conform);  
121   expand_pbox;  
122 enddef;
```

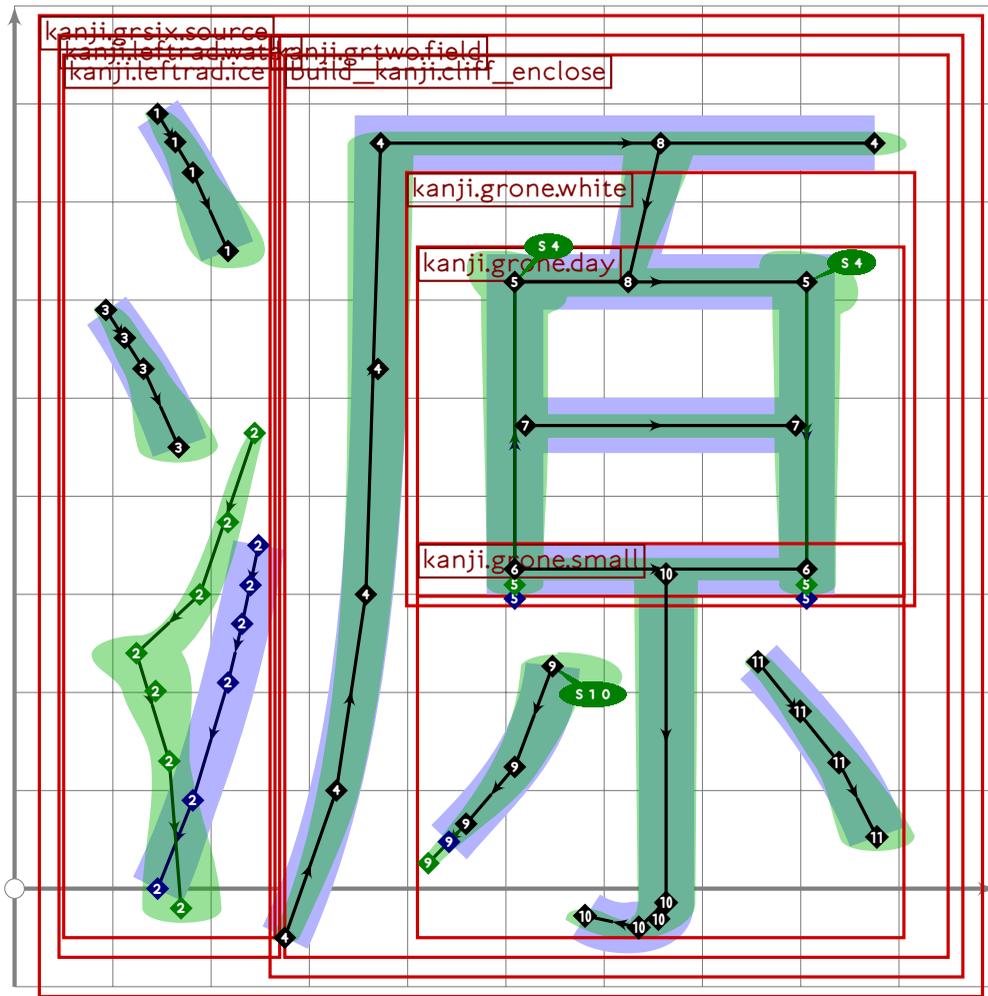


```
123  
124 vardef kanji.grfive.reduce =  
125   push_pbox_toexpand("kanji.grfive.reduce");  
126   build_kanji.lr(290;30)  
127     (kanji.leftrad.water)  
128     (kanji.rare.the_same);  
129   expand_pbox;  
130 enddef;
```

6E



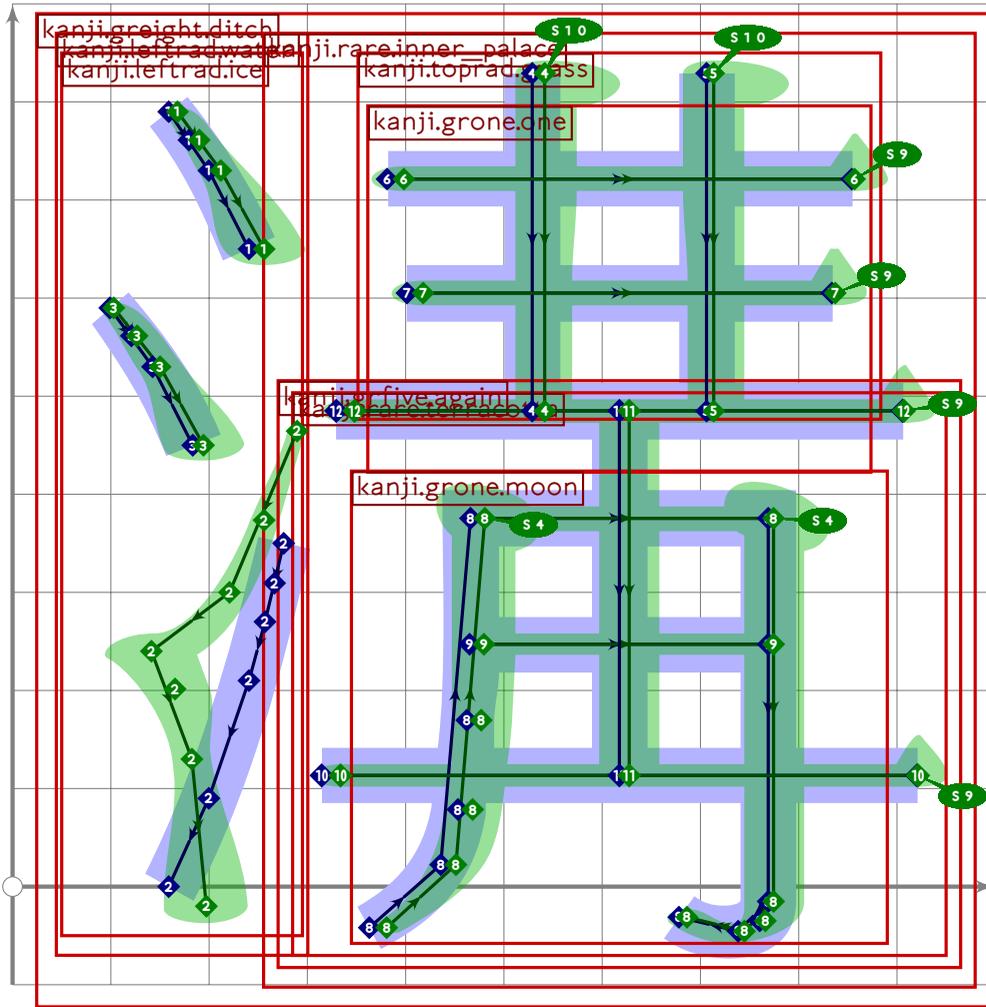
```
131  
132 vardef kanji.grfive.semi =  
133   push_pbox_toexpand("kanji.grfive.semi");  
134   build_kanji.tb(280,0)  
135     (kanji.rare.huai_river)  
136     (kanji.grone.ten);  
137   expand_pbox;  
138 enddef;  
139  
140
```



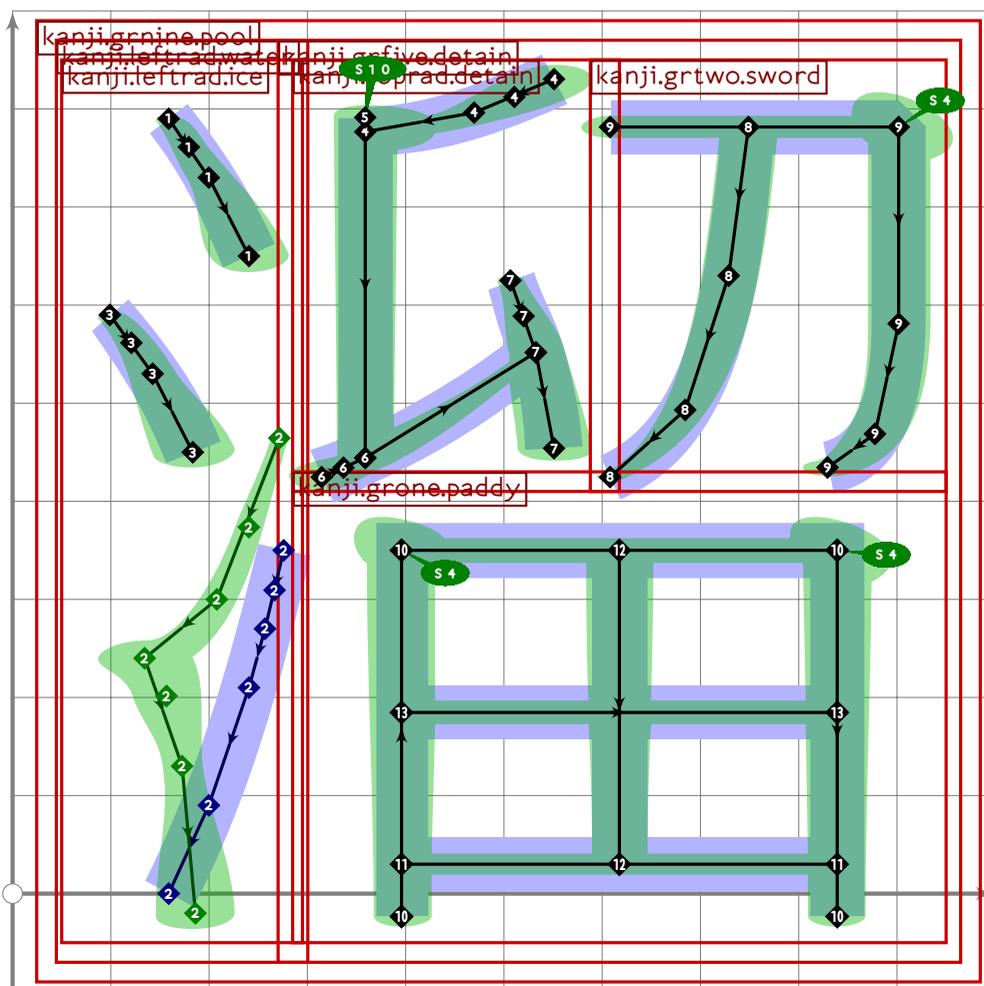
```
141
142 vardef kanji.grsix.source =
143   push_pbox_toexpand("kanji.grsix.source");
144   build_kanji.lr(270;-10)
145     (kanji.leftrad.water)
146     (kanji.grtwo.field);
147   expand_pbox;
148 enddef;
149
150
```

U+6E9D  
tsuku.uni6E9D

6E



```
151  
152 vardef kanji.greight.ditch =  
153   push_pbox_toexpand("kanji.greight.ditch");  
154   build_kanji.lr(290+20*mincho,10)  
155     (kanji.leftrad.water)  
156     (kanji.rare.inner_palace);  
157   expand_pbox;  
158 enddef;  
159  
160
```



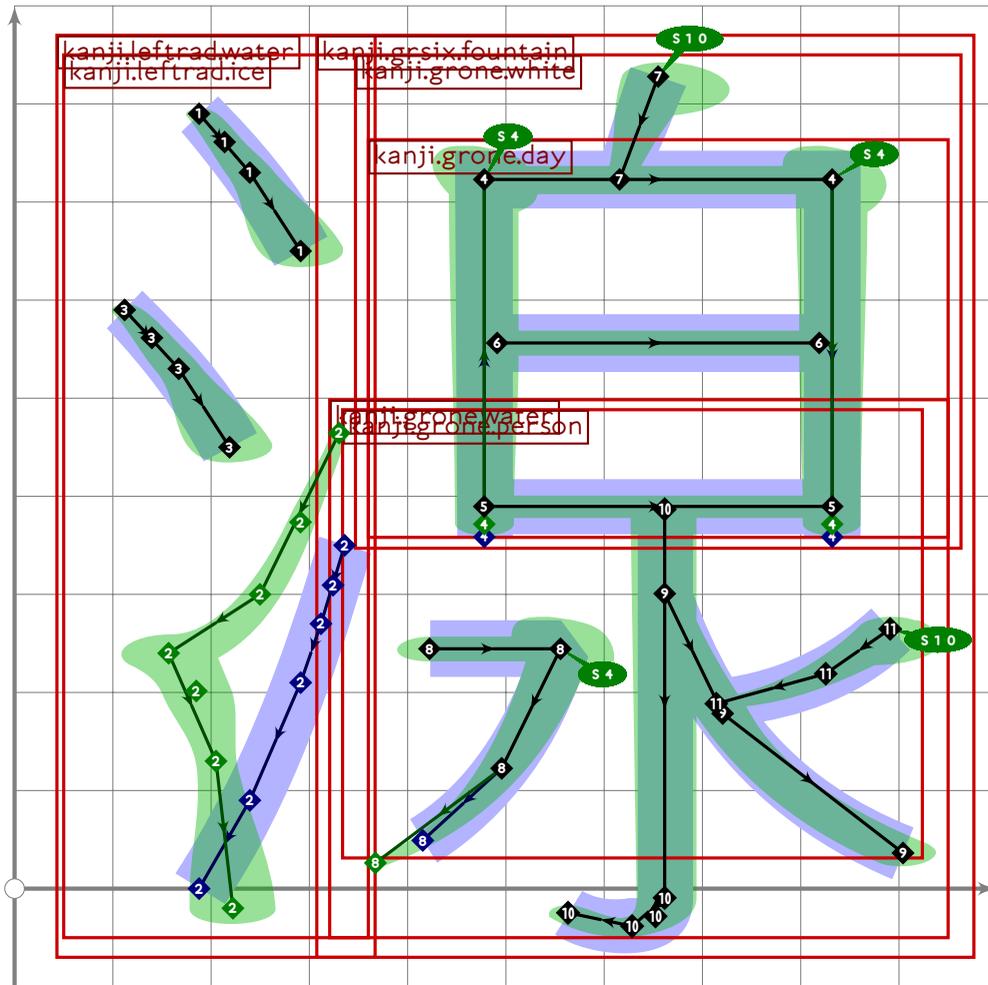
6E

```

161
162 vardef kanji.grnine.pool =
163   push_pbox_toexpand("kanji.grnine.pool");
164   build_kanji.lr(290,10)
165     (kanji.leftrad.water)
166     (kanji.grfive detain);
167   expand_pbox;
168 enddef;
169
170
171
172 % sei/kiyo "pure"
173 begintsuglyph("uni6E05";5); [see page 3465]
174 kanji.grfour.pure;
175 tsu_render;
176 endtsuglyph;
177
178 % gen/he "reduce"
179 begintsuglyph("uni6E1B";27); [see page 3467]
180 kanji.grfive.reduce;
181 tsu_render;

```

182 endtsuglyph;  
 183  
 184 % on/atata "warm"  
 185 begintsuglyph("uni6E29";41); [see page 3462]  
 186 kanji.grthree.warm;  
 187 tsu\_render;  
 188 endtsuglyph;  
 189  
 190 % soku/haka "measure"  
 191 begintsuglyph("uni6E2C";44); [see page 3466]  
 192 kanji.grfive.measure;  
 193 tsu\_render;  
 194 endtsuglyph;  
 195  
 196 % kou/minato "harbour"  
 197 begintsuglyph("uni6E2F";47); [see page 3460]  
 198 kanji.grthree.harbour;  
 199 tsu\_render;  
 200 endtsuglyph;  
 201  
 202 % tou/yu "hot water"  
 203 begintsuglyph("uni6E6F";111); [see page 640]  
 204 kanji.grthree.hot\_water;  
 205 tsu\_render;  
 206 endtsuglyph;  
 207  
 208 % ko/mizuumi "lake"  
 209 begintsuglyph("uni6E56";86); [see page 3461]  
 210 kanji.grthree.lake;  
 211 tsu\_render;  
 212 endtsuglyph;  
 213



6E

```

214 % extra
215 begintsuglyph("uni6E76";118);
216 build_kanji.lr(360,0)
217 (kanji.leftrad.water)
218 (kanji.grsix.fountain);
219 tsu_render;
220 endsuglyph;

```

```

221
222 % man/mi "full"
223 begintsuglyph("uni6E80";128);
224 kanji.grfour.full;
225 tsu_render;
226 endsuglyph;

```

[see page 3463]

```

227
228 % gen/minamoto "source" (also "gen" as in "Genji Monogatari")
229 begintsuglyph("uni6E90";144);
230 kanji.grsix.source;
231 tsu_render;
232 endsuglyph;

```

[see page 3469]

```

233
234 % jun/jun "semi-" (or quasi-, para-, etc.)

```

```
235 begintsuglyph("uni6E96";150); [see page 3468]
236 kanji.grfive.semi;
237 tsu_render;
238 endtsuglyph;
239
240 % ryuu/ta "pool" or "collect"
241 begintsuglyph("uni6E9C";156); [see page 3471]
242 kanji.grnine.pool;
243 tsu_render;
244 endtsuglyph;
245
246 % kou/miso "ditch"
247 begintsuglyph("uni6E9D";157); [see page 3470]
248 kanji.greight.ditch;
249 tsu_render;
250 endtsuglyph;
251
252 % ji "nutrient"
253 begintsuglyph("uni6ECB";203); [see page 3464]
254 kanji.grfour.nutrient;
255 tsu_render;
256 endtsuglyph;
257
258 _____
259
260 endfont;
261
262 _____
```

# tsuku-6f.mp

```
1 %
2 % Unicode page 6F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

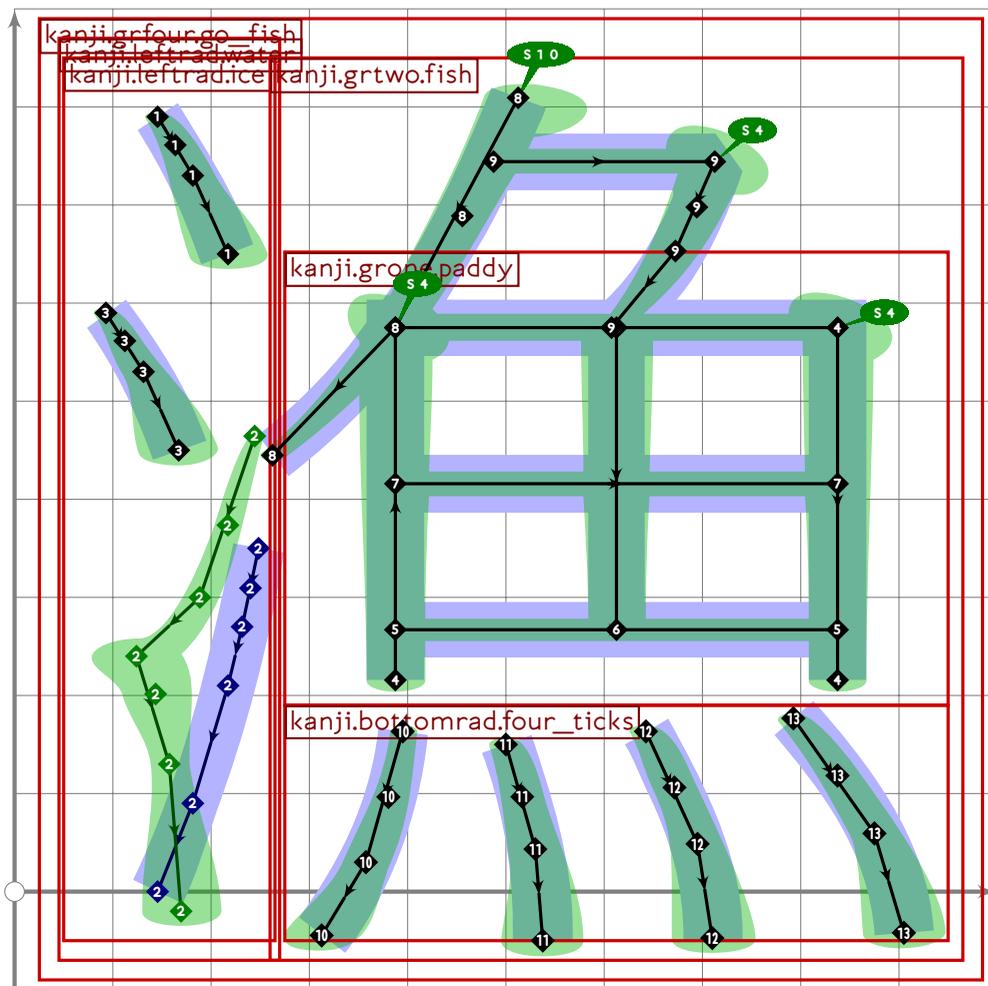
---


32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradesix.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52 

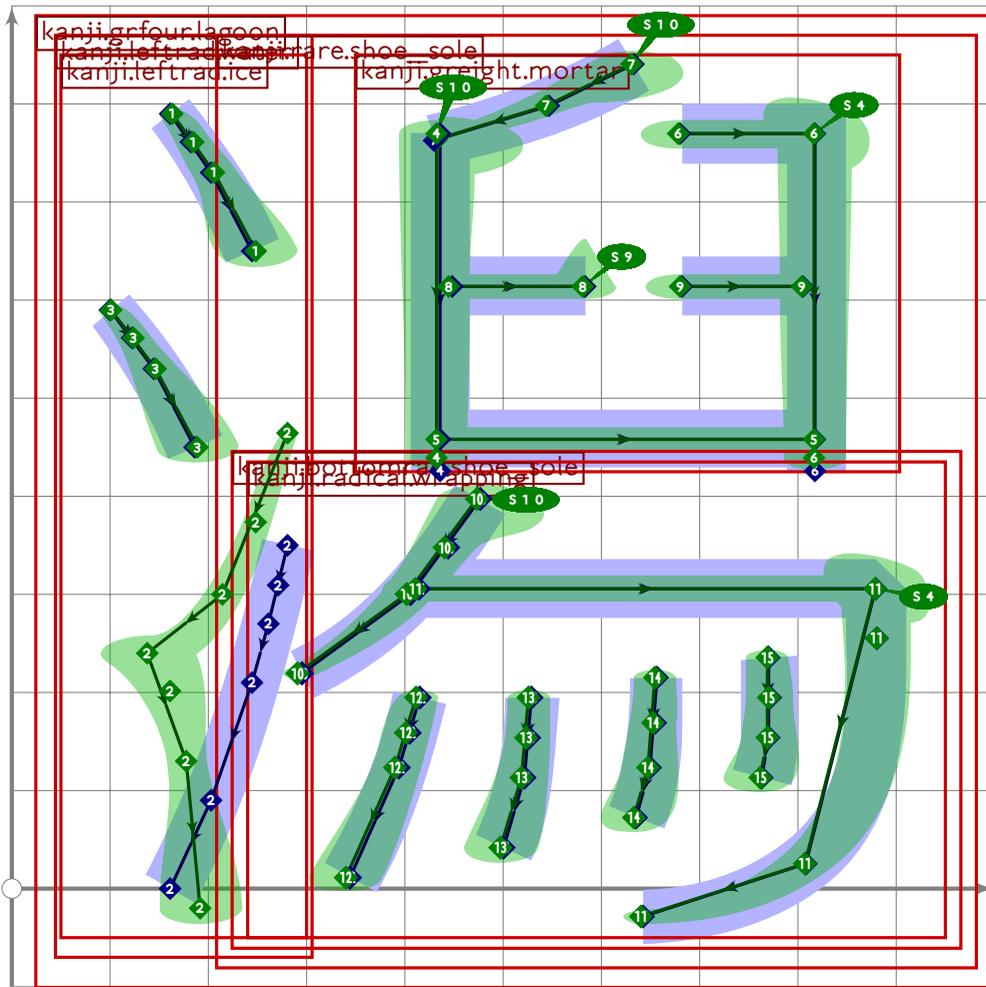
---


```

6F



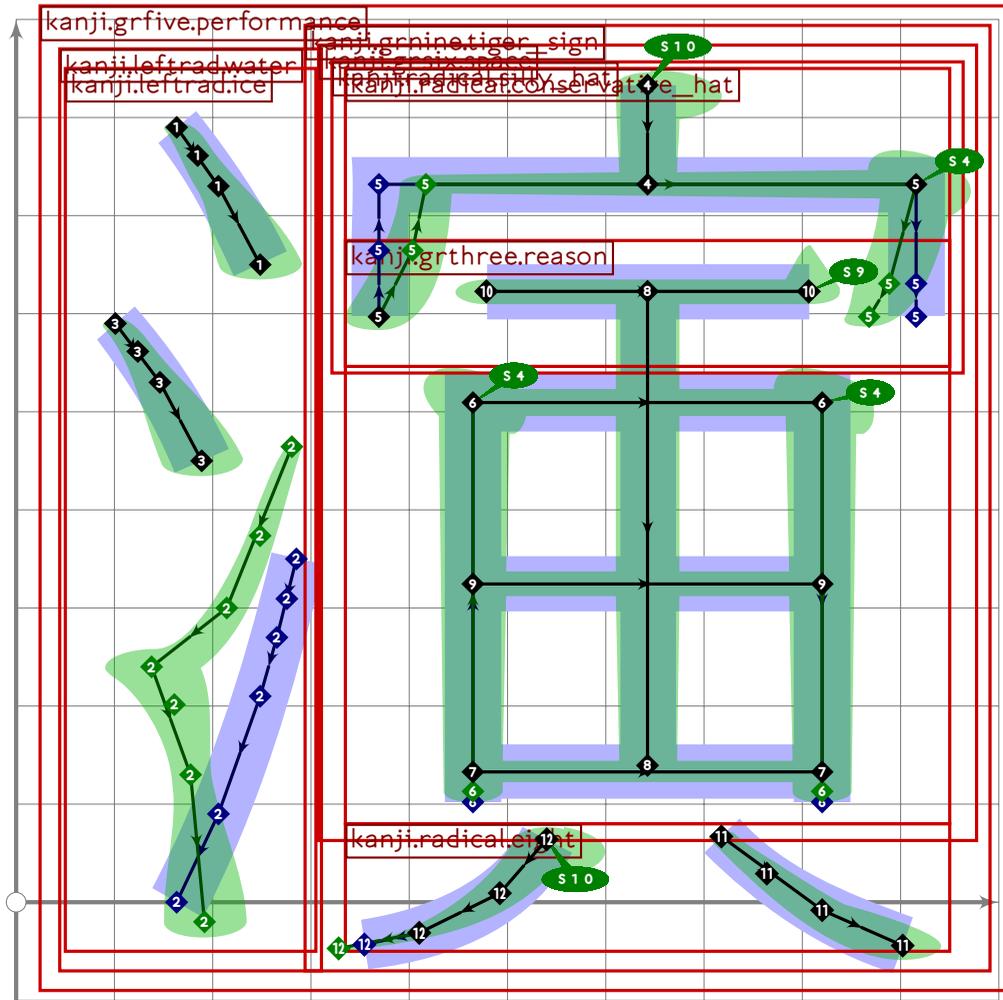
```
53  
54 vardef kanji.grfour.go_fish =  
55   push_pbox_toexpand("kanji.grfour.go_fish");  
56   build_kanji.lr(270,-10)  
57     (kanji.leftrad.water)  
58     (kanji.grtwo.fish);  
59   expand_pbox;  
60 enddef;
```



6F

```
61  
62 vardef kanji.grfour.lagoon =  
63   push_pbox_toexpand("kanji.grfour.lagoon");  
64   build_kanji.lr(270,60+10*mincho)  
65     (kanji.leftrad.water)  
66     (kanji.rare.shoe_sole);  
67   expand_pbox;  
68 enddef;  
69  
70
```

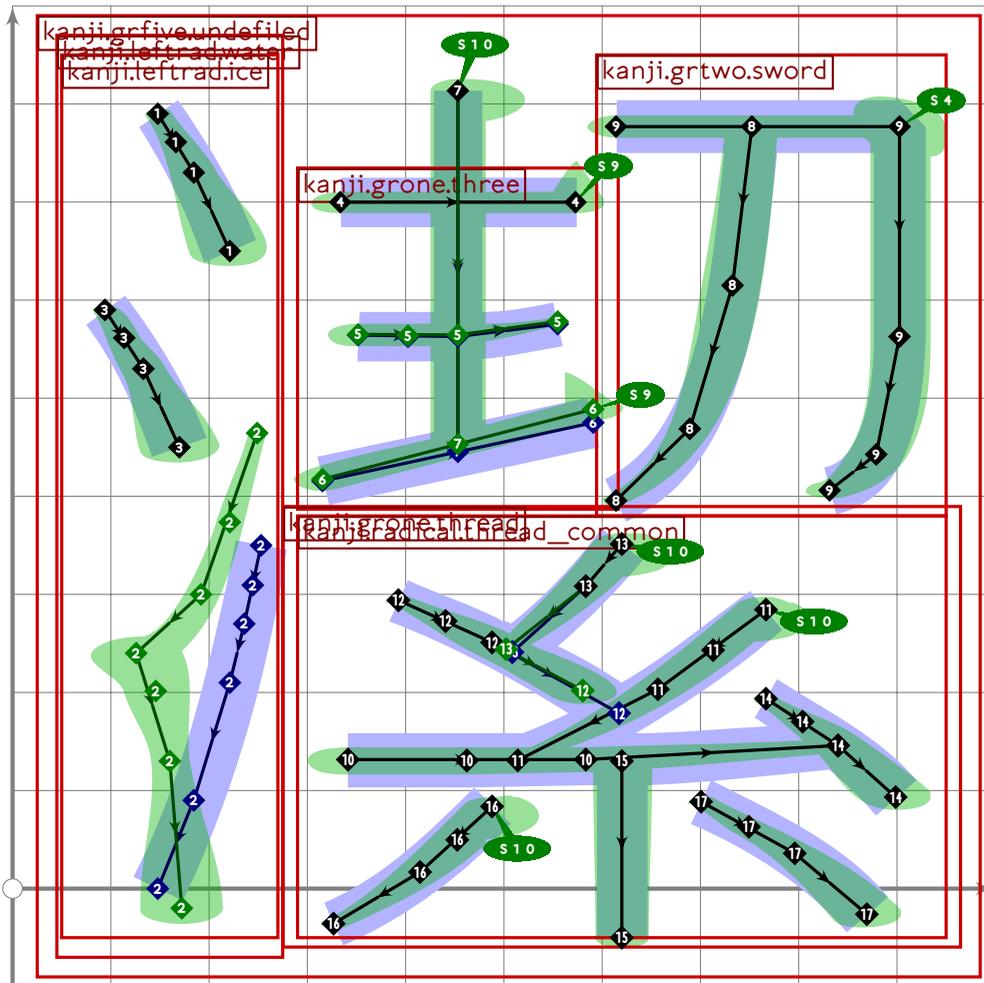
6F



```

71
72 vardef kanji.grfive.performance =
73   push_pbox_toexpand("kanji.grfive.performance");
74   build_kanji.lr(320;30)
75     (kanji.leftrad.water)
76     (kanji.grnine.tiger_sign);
77   expand_pbox;
78 enddef;
79

```



80 % can't easily refactor this because it uses (only in the Japanese form)

81 % a strange left-side variant of U+4E30 with the bottom clipped off

82 vardef kanji.grfive.undefiled =

83 push\_pbox\_toexpand("kanji.grfive.undefiled");

84 build\_kanji.lr(280;-20)

85 (kanji.leftrad.water)

86 (build\_kanji.tb(380,0)

87 (build\_kanji.lr(480,30)

88 (build\_kanji.level(build\_kanji.lift\_skirt(370;150+30\*mincho)

89 (tsu\_xform(identity yscaled 0.74)(kanji.grone.three;

90 push\_stroke((500,780)-(500,0),

91 (1.6;1.6)-(1.5;1.5));

92 set\_boserif(0,0,10))))

93 (kanji.grtwo.sword))

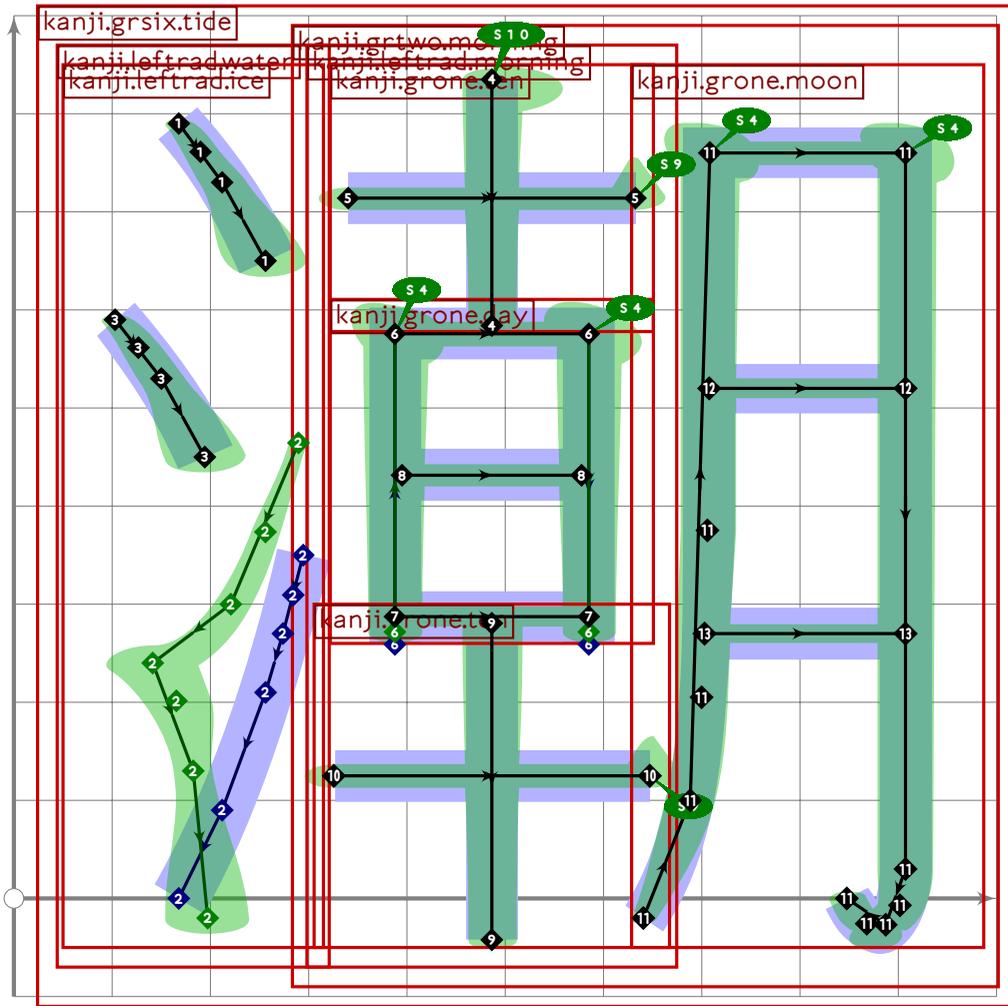
94 (kanji.grone.thread));

95 expand\_pbox;

96 enddef;

97

98



6F

```

99
100 vardef kanji.grsix.tide =
101   push_pbox_toexpand("kanji.grsix.tide");
102   build_kanji.lr(300,30)
103     (kanji.leftrad.water)
104     (kanji.grtwo.morning);
105   expand_pbox;
106 enddef;
107
108
109
110 % gyo/asa "go fish"
111 begintsuglyph("uni6F01";1);
112 kanji.grfour.go_fish;
113 tsu_render;
114 endtsuglyph;
115
116 % en "performance"
117 begintsuglyph("uni6F14";20);
118 kanji.grfive.performance;
119 tsu_render;

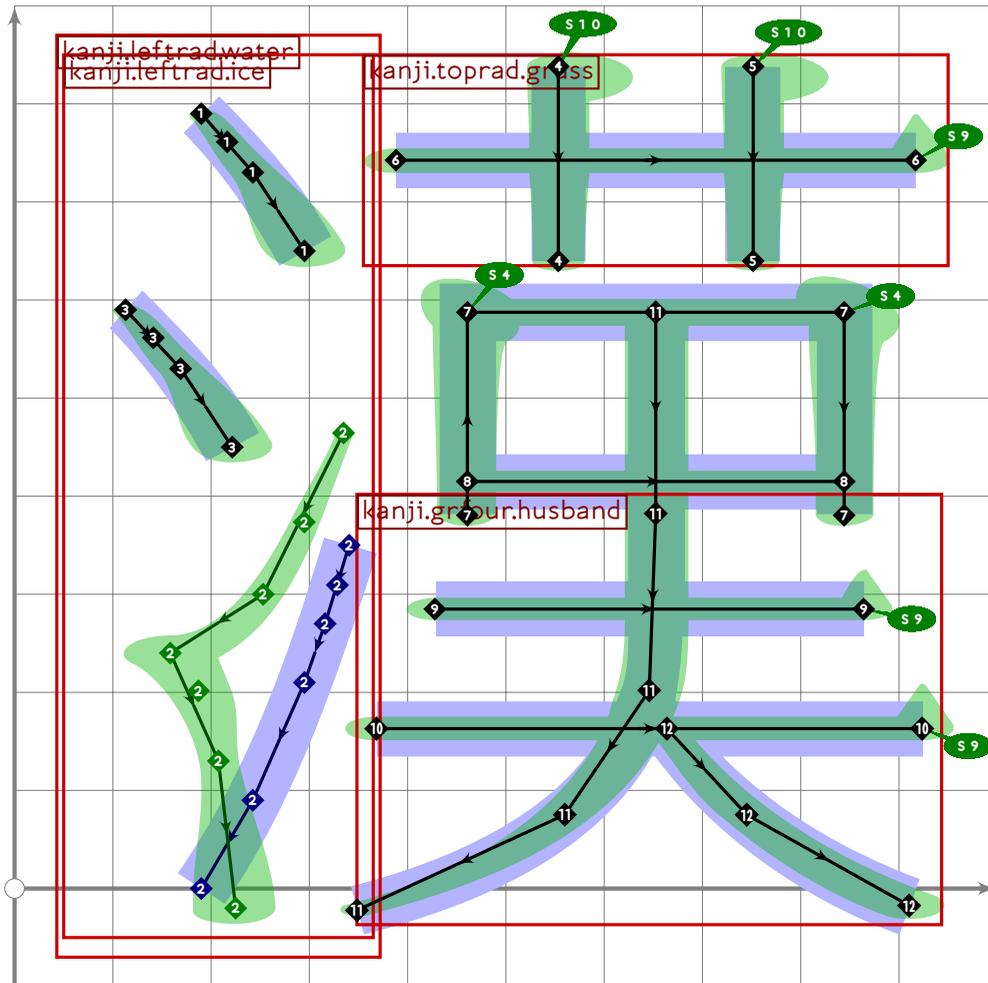
```

[see page 3476]

[see page 3478]

120 endtsuglyph;

121



6F

```

122 % kan "Chinese"
123 begintsuglyph("uni6F22";34);
124 build_kanji.level(build_kanji.lr(360,10)
125   (kanji.leftrad.water)
126   (build_kanji.tb(630,-10)
127     (kanji.toprad.grass)
128     (build_kanji.box((210,800),(790,570));
129     tsu_xform(identity yscaled 0.65 shifted (-10,0))
130     (kanji.grfour.husband);
131     replace_strokep(-1)((500,800)-oldp);
132     replace_strokeq(-1)((1.6,1.6)-oldq);
133     set_boserif(-1,0,whatever)))));
134 tsu_render;
135 endtsuglyph;
136
137 % ketsu/isagiyo "undefiled" (clean, pure)
138 begintsuglyph("uni6F54";84);
139 kanji.grfive.undefiled;
140 tsu_render;

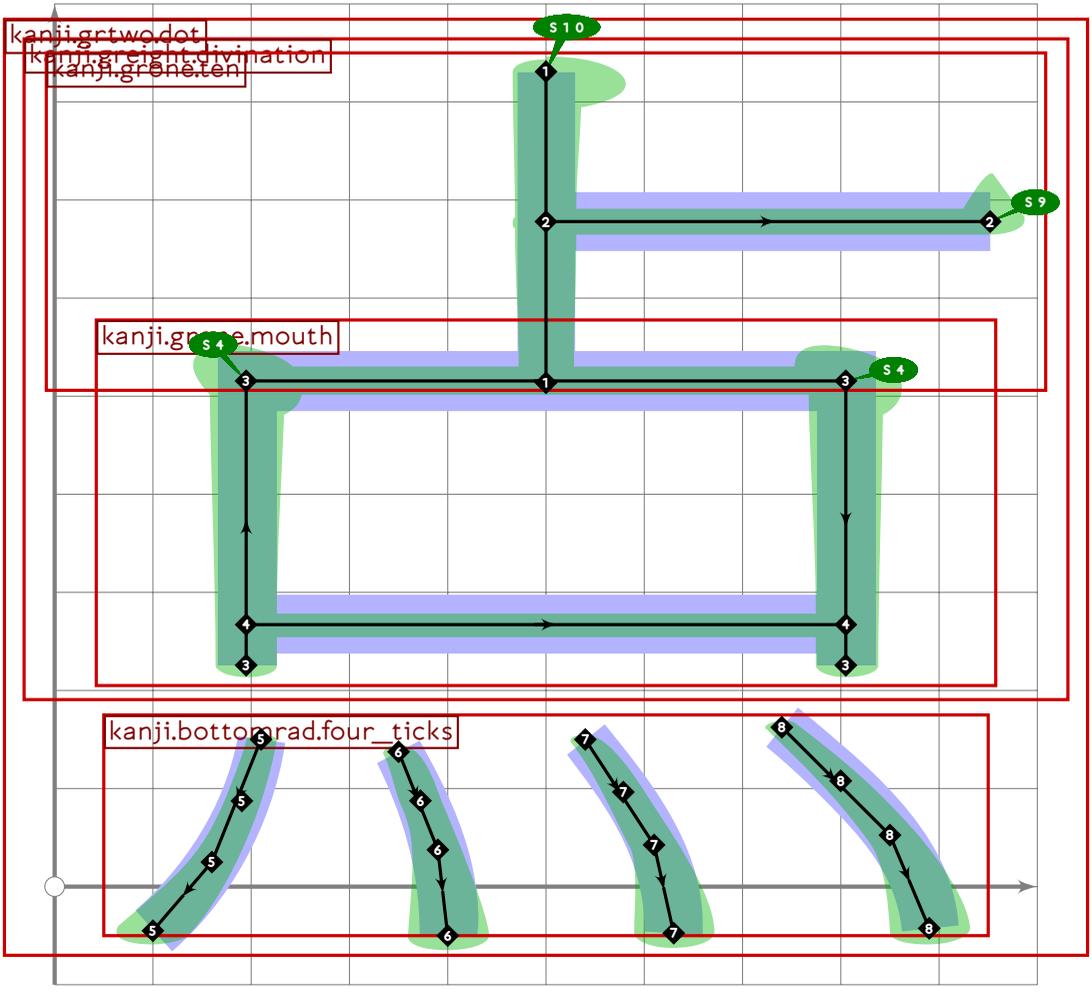
```

[see page 3479]

```
141 endtsuglyph;
142
143 % seki/kata "lagoon"
144 begintsuglyph("uni6F5F";95); [see page 3477]
145   kanji.grfour.lagoon;
146   tsu_render;
147 endtsuglyph;
148
149 % chou/shio "tide" (or "opportunity")
150 begintsuglyph("uni6F6E";110); [see page 3480]
151   kanji.grsix.tide;
152   tsu_render;
153 endtsuglyph;
154
155 _____
156
157 endfont;
158
159 _____
```

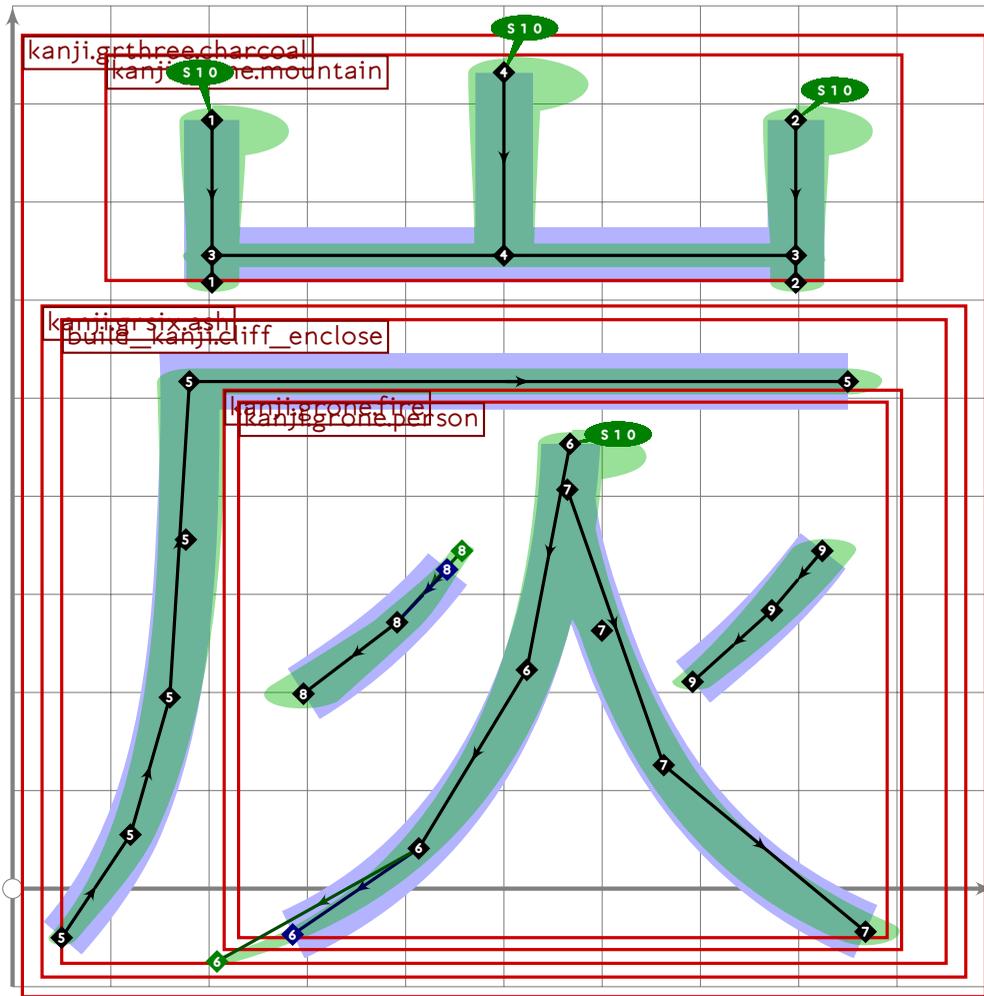
# tsuku-70.mp

```
1 %
2 % Unicode page 70 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradeone.mp;
41 input gradesix.mp;
42 input gradethree.mp;
43 input leftrad.mp;
44 input radical.mp;
45
46 do_late_includes;
47
48 _____
49
```



70

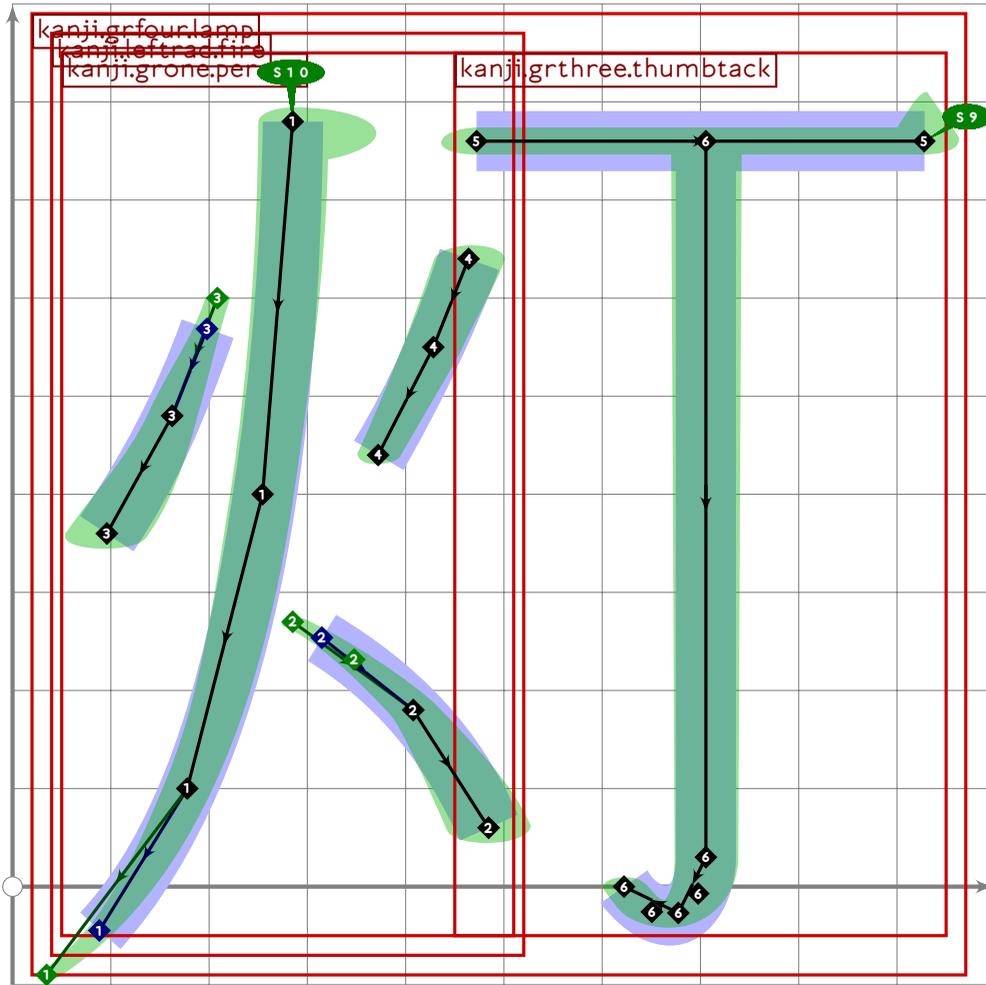
```
50 % "point" is a reserved word
51 vardef kanji.grtwo.dot =
52   push_pbox_toexpand("kanji.grtwo.dot");
53   build_kanji.tb(190;-30)
54   (build_kanji.sscale(xscaled 1.13)
55     (kanji.greight.divination))
56   (kanji.bottomrad.four_ticks);
57   expand_pbox;
58 enddef;
59
60
```



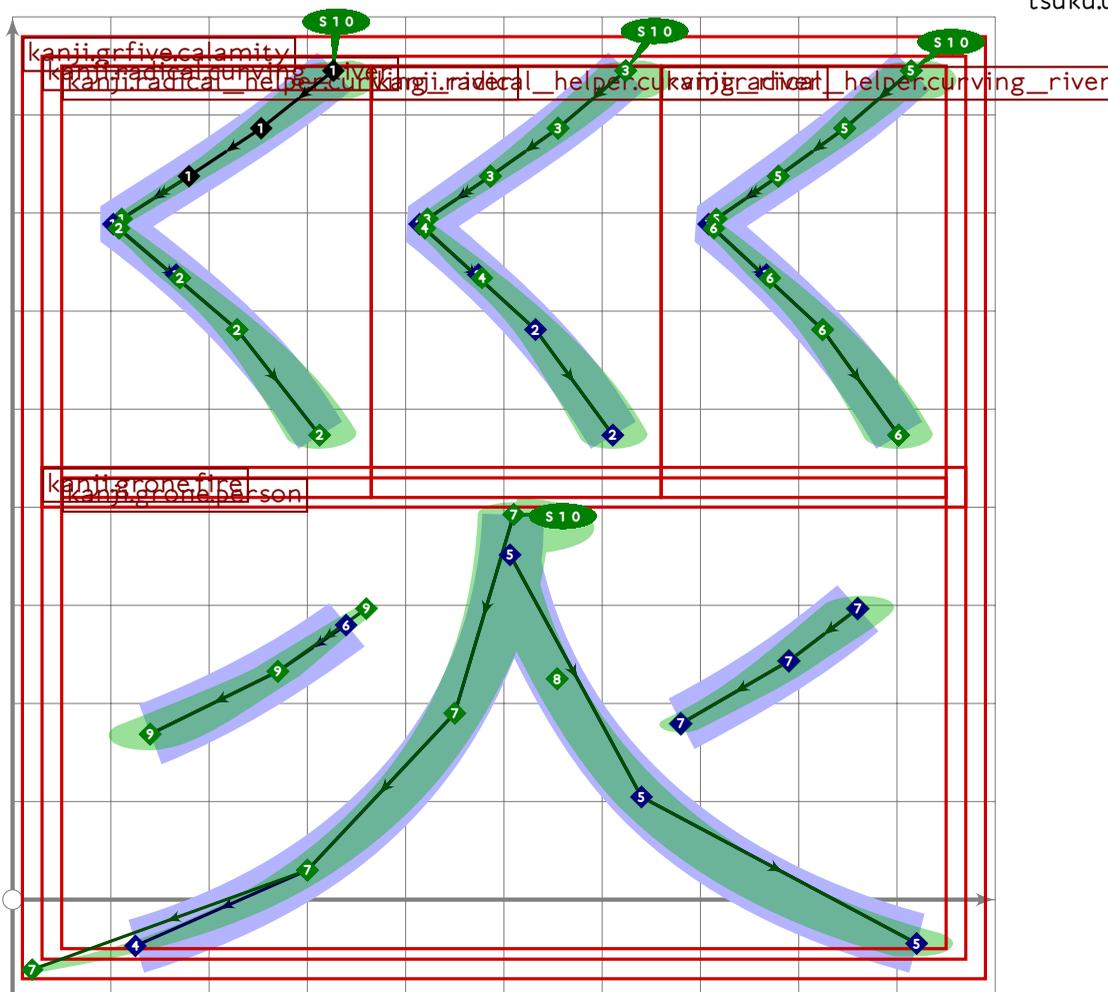
```

61
62 vardef kanji.grthree.charcoal =
63   push_pbox_toexpand("kanji.grthree.charcoal");
64   build_kanji.level(build_kanji.tb(600;-40)
65     (build_kanji.sscale(xscaled 0.9)(kanji.grone.mountain))
66     (kanji.grsix.ash));
67   expand_pbox;
68 enddef;
69
70

```



```
71  
72 vardef kanji.grfour.lamp =  
73   push_pbox_toexpand("kanji.grfour.lamp");  
74   build_kanji.level(build_kanji.lr(480,60)  
75     (kanji.leftrad.fire)  
76     (kanji.grthree.thumbtack));  
77   expand_pbox;  
78 enddef;  
79  
80
```



```

81
82 vardef kanji.grfive.calamity =
83   push_pbox_toexpand("kanji.grfive.calamity");
84   build_kanji.tb(420,20)
85     (kanji.radical.curving_river)
86     (kanji.grone.fire);
87   expand_pbox;
88 enddef;
89
90
91
92 % hi/ka "fire"
93 begintsuglyph("uni706B";107);
94   kanji.grone.fire;
95   tsu_render;
96 endtsuglyph;
97
98 % tou/hi "lamp"
99 begintsuglyph("uni706F";111);
100   kanji.grfour.lamp;
101   tsu_render;

```

[see page 440]

[see page 3486]

102 endtsuglyph;  
103  
104 % kai/hai "ash"  
105 begintsuglyph("uni7070";112); [see page 817]  
106 kanji.grsix.ash;  
107 tsu\_render;  
108 endtsuglyph;  
109  
110 % sai/wazawa "calamity"  
111 begintsuglyph("uni707D";125); [see page 3487]  
112 kanji.grfive.calamity;  
113 tsu\_render;  
114 endtsuglyph;  
115  
116 % en/honoo "inflammation"  
117 begintsuglyph("uni708E";142); [see page 949]  
118 kanji.greight.inflammation;  
119 tsu\_render;  
120 endtsuglyph;  
121  
122 % tan/sumi "charcoal"  
123 begintsuglyph("uni70AD";173); [see page 3485]  
124 kanji.grthree.charcoal;  
125 tsu\_render;  
126 endtsuglyph;  
127  
128 % ten/tsu "point"  
129 begintsuglyph("uni70B9";185); [see page 3484]  
130 kanji.grtwo.dot;  
131 tsu\_render;  
132 endtsuglyph;  
133  
134 \_\_\_\_\_  
135  
136 endfont;  
137  
138 \_\_\_\_\_

# tsuku-71.mp

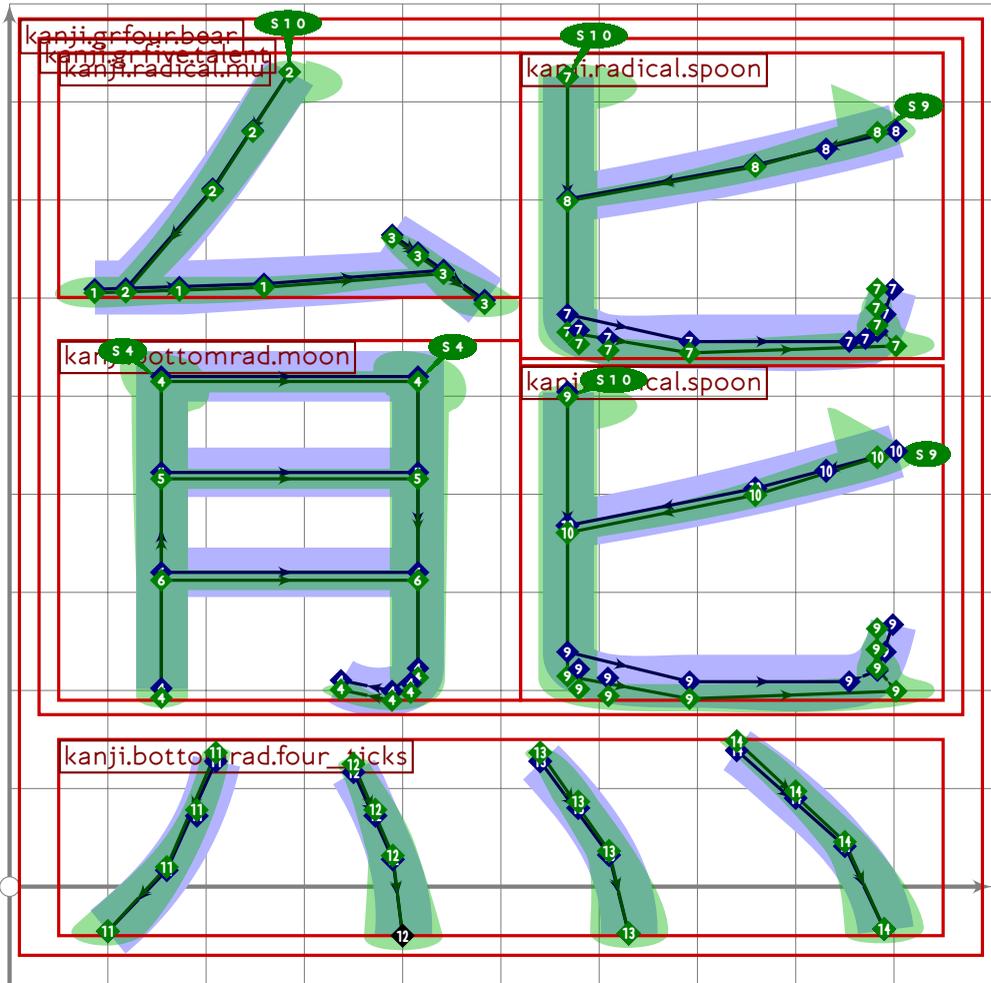
```
1 %
2 % Unicode page 71 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013, 2014, 2016, 2017, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input toprad.mp;
50
51 do_late_includes;
52
53 

---

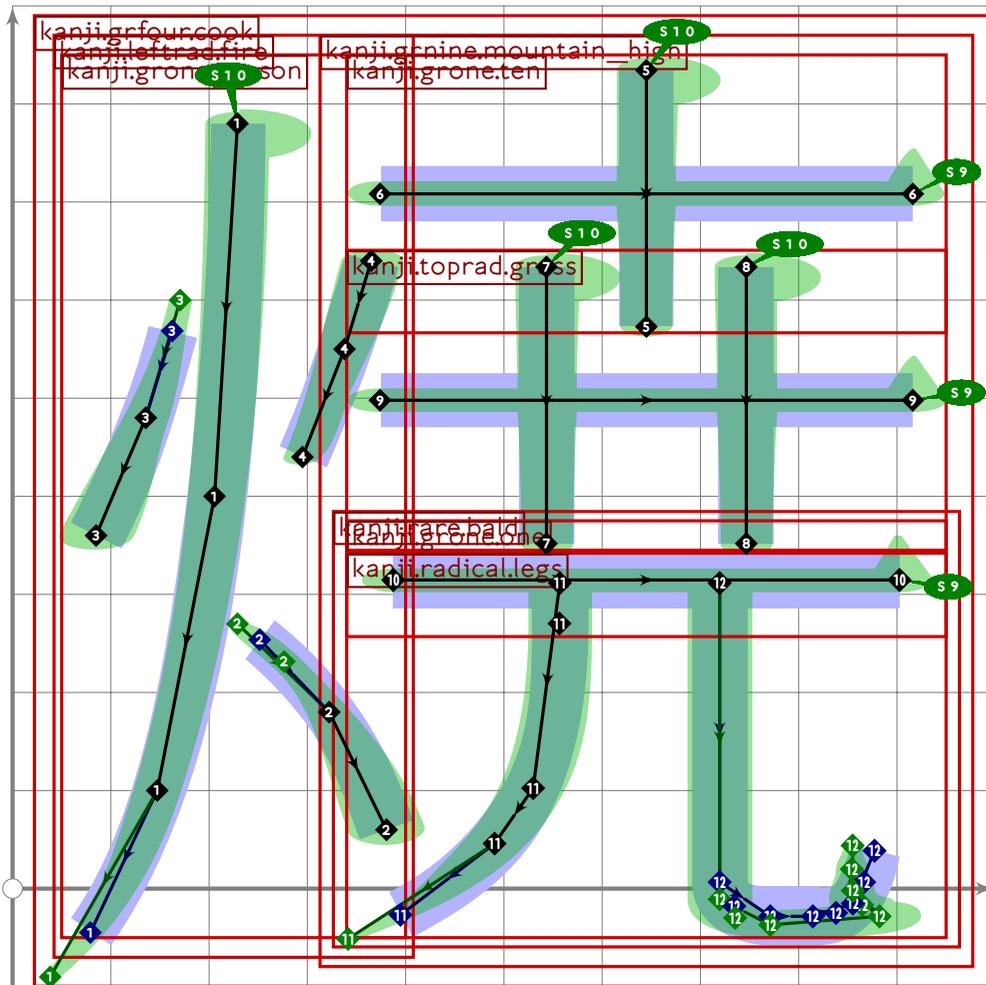

```



```

54
55 vardef kanji.grfour.bear =
56   push_pbox_toexpand("kanji.grfour.bear");
57   build_kanji.tb(170,-40+20*mincho)
58     (kanji.grfive.talent)
59     (kanji.bottomrad.four_ticks);
60   expand_pbox;
61 enddef;

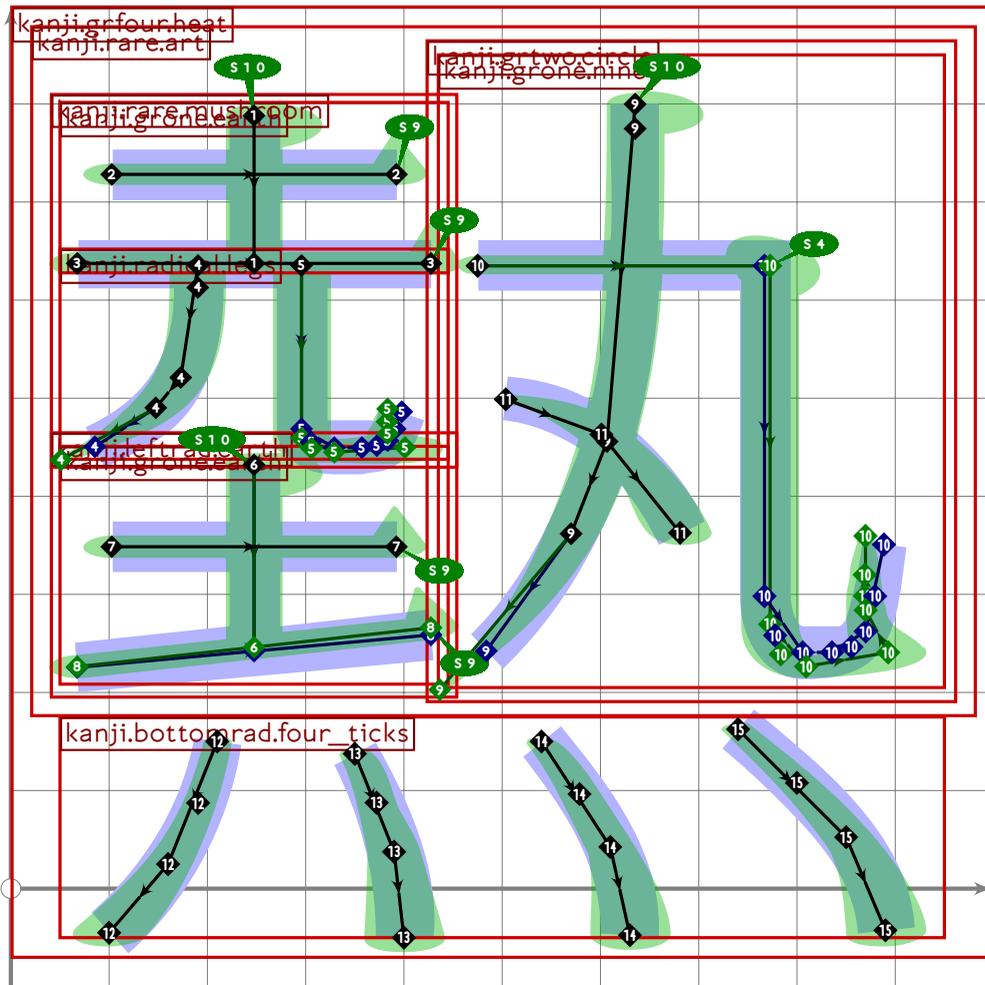
```



```

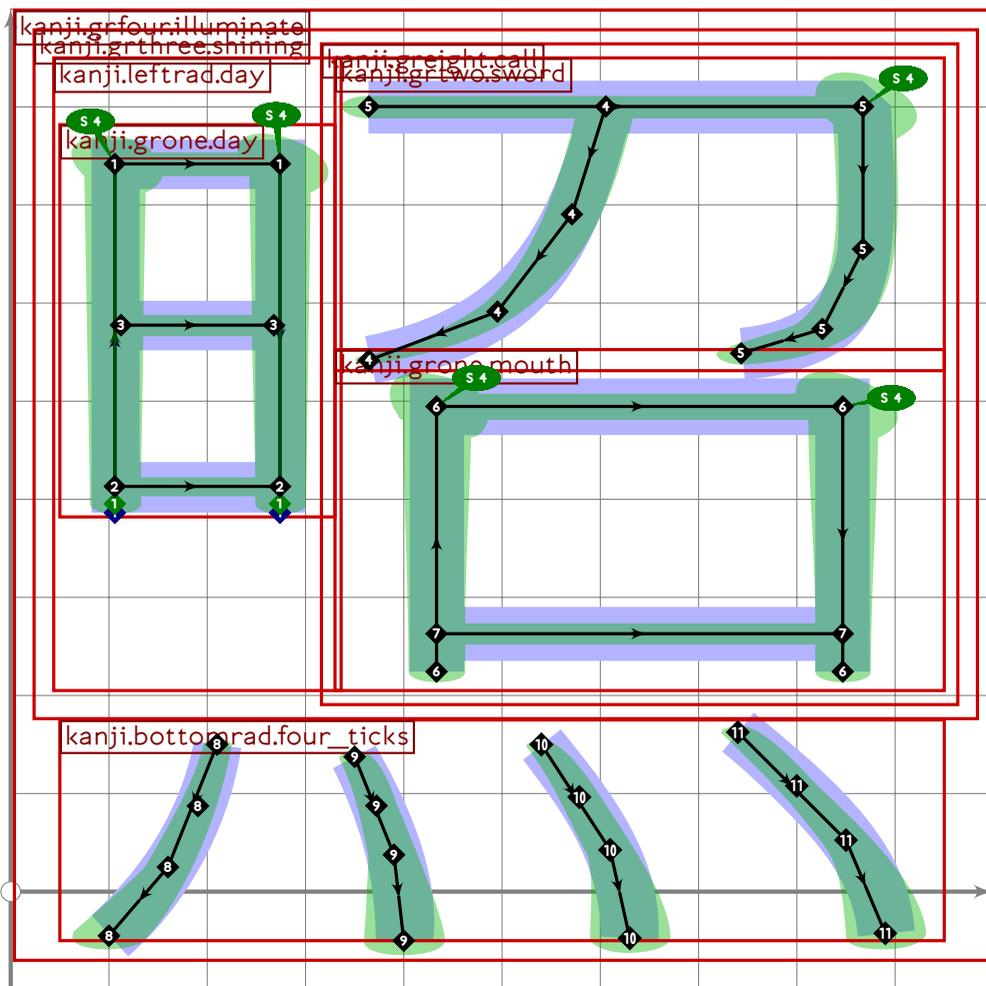
62
63 vardef kanji.grfour.cook =
64   push_pbox_toexpand("kanji.grfour.cook");
65   build_kanji.level(build_kanji.lr(370,60)
66     (kanji.leftrad.fire)
67     (kanji.grnine.mountain_high));
68   expand_pbox;
69 enddef;

```

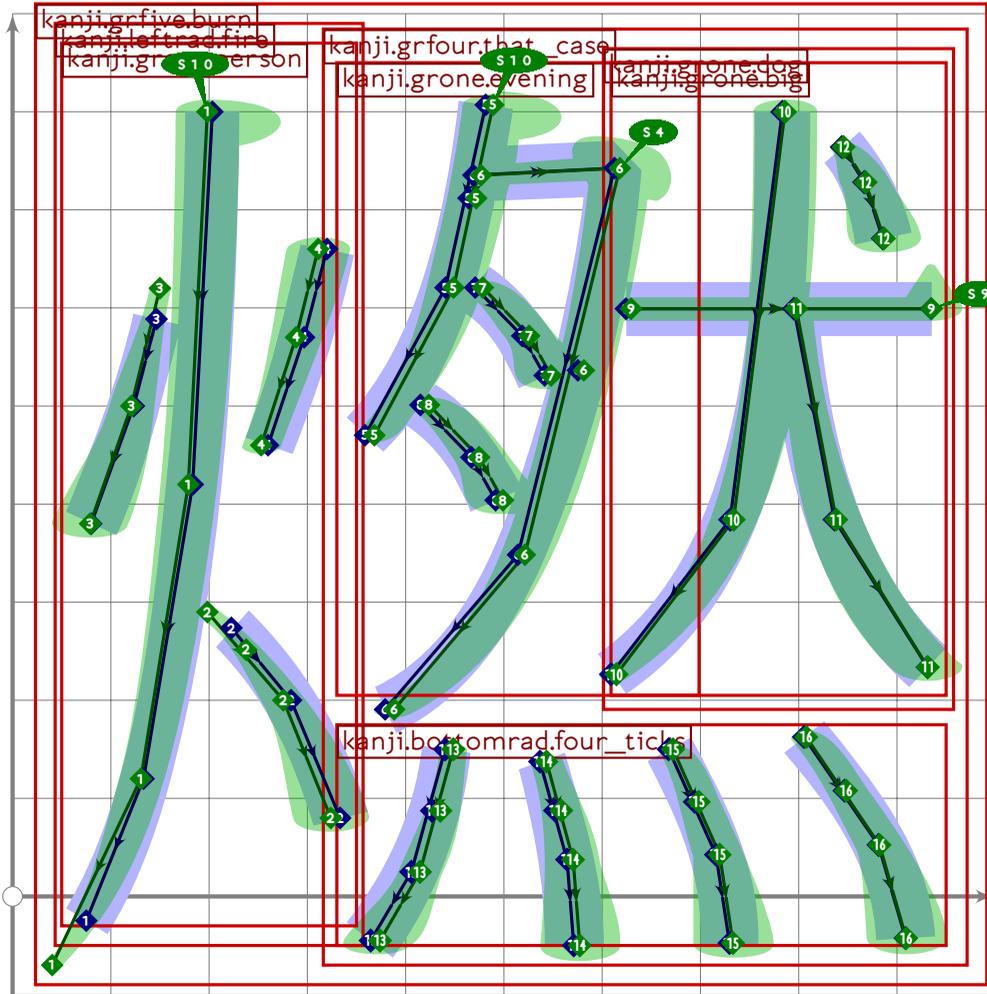


71

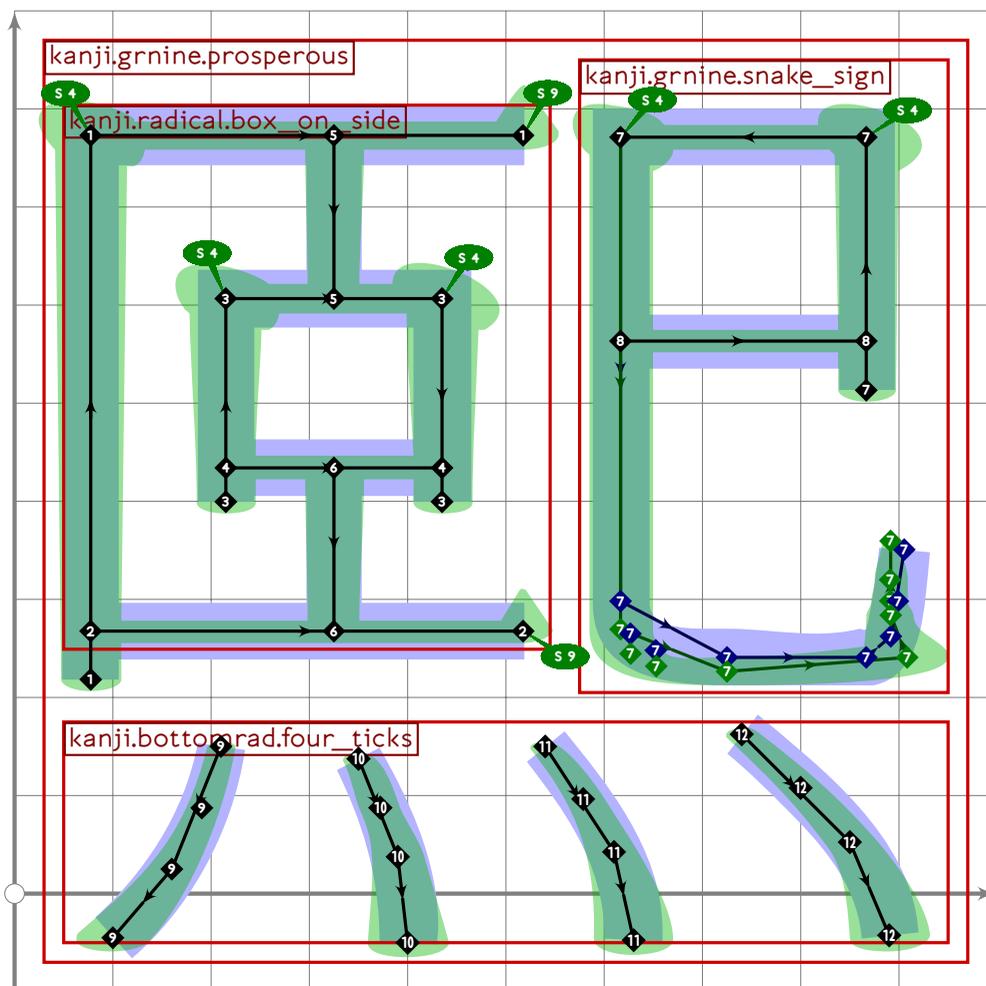
```
70  
71 vardef kanji.grfour.heat =  
72   push_pbox_toexpand("kanji.grfour.heat");  
73   build_kanji.tb(190;30)  
74     (kanji.rare.art)  
75     (kanji.bottomrad.four_ticks);  
76   expand_pbox;  
77 enddef;
```



```
78  
79 vardef kanji.grfour.illuminate =  
80   push_pbox_toexpand("kanji.grfour.illuminate");  
81   build_kanji.tb(190;30)  
82     (kanji.grthree.shining)  
83     (kanji.bottomrad.four_ticks);  
84   expand_pbox;  
85 enddef;  
86  
87
```



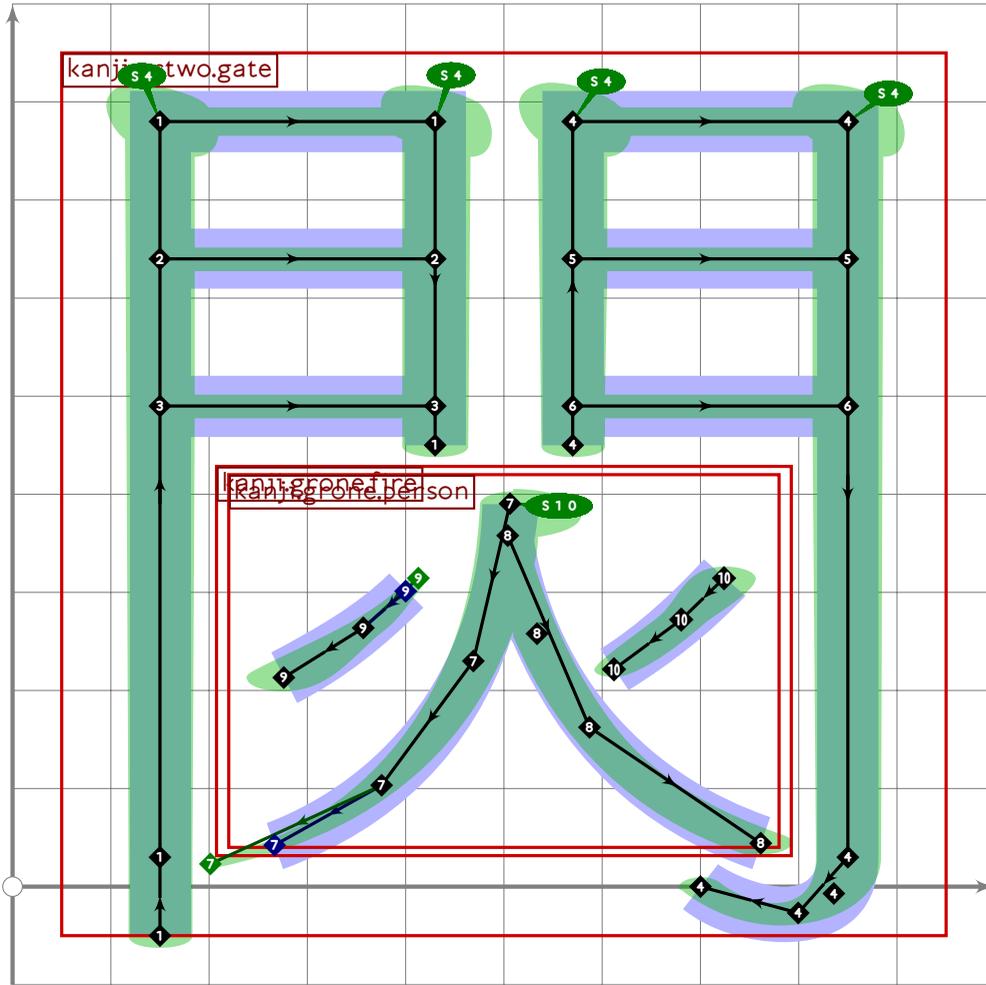
```
88  
89 vardef kanji.grfive.burn =  
90   push_pbox_toexpand("kanji.grfive.burn");  
91   build_kanji.level(build_kanji.lr(340,20-20*mincho)  
92     (build_kanji.sscale(shifted (0,20))(kanji.leftrad.fire))  
93     (kanji.grfour.that_case));  
94   expand_pbox;  
95 enddef;  
96  
97
```



```

98
99 vardef kanji.grnine.prosperous =
100   push_pbox_toexpand("kanji.grnine.prosperous");
101   build_kanji.tb(190,-30)
102     (build_kanji.lr(560,-30)
103       (build_kanji.sscale(yscaled 0.86)
104         (kanji.radical.box_on_side;
105           build_kanji.box((350,530),(750,250));
106             push_stroke((550,800)-(550,530),(1.5,1.5)-(14,14));
107               push_stroke((550,250)-(550,-20),(1.5,1.5)-(14,14))))
108         (kanji.grnine.snake_sign))
109     (kanji.bottomrad.four_ticks);
110   expand_pbox;
111 enddef;
112
113
114

```



```

115 % extra
116 begintsuglyph("uni711B";27);
117   build_kanji.gate_enclose(kanji.grone.fire);
118   tsu_render;
119 endtsuglyph;
120
121 % mu/na "nothing"
122 begintsuglyph("uni7121";33);
123   kanji.grfour.nothing;
124   tsu_render;
125 endtsuglyph;
126
127 % sou as in "sou desu"
128 begintsuglyph("uni7136";54);
129   kanji.grfour.that_case;
130   tsu_render;
131 endtsuglyph;
132
133 % shou/ya "cook"
134 begintsuglyph("uni713C";60);
135   kanji.grfour.cook;

```

[see page 733]

[see page 755]

[see page 3491]

```

136 tsu_render;
137 endtsuglyph;
138
139 % shou/te "illuminate"
140 begintsuglyph("uni7167";103); [see page 3493]
141 kanji.grfour.illuminate;
142 tsu_render;
143 endtsuglyph;
144
145 % yuu/kuma "bear"
146 begintsuglyph("uni718A";138); [see page 3490]
147 kanji.grfour.bear;
148 tsu_render;
149 endtsuglyph;
150
151 % ki/tanoshi "prosperous"
152 begintsuglyph("uni7199";153); [see page 3495]
153 kanji.grnine.prosperous;
154 tsu_render;
155 endtsuglyph;
156
157 % netsu/atsu "heat"
158 begintsuglyph("uni71B1";177); [see page 3492]
159 kanji.grfour.heat;
160 tsu_render;
161 endtsuglyph;
162
163 % nen/mo "burn"
164 begintsuglyph("uni71C3";195); [see page 3494]
165 kanji.grfive.burn;
166 tsu_render;
167 endtsuglyph;
168
169 _____
170
171 endfont;
172
173 _____

```

# tsuku-72.mp

72

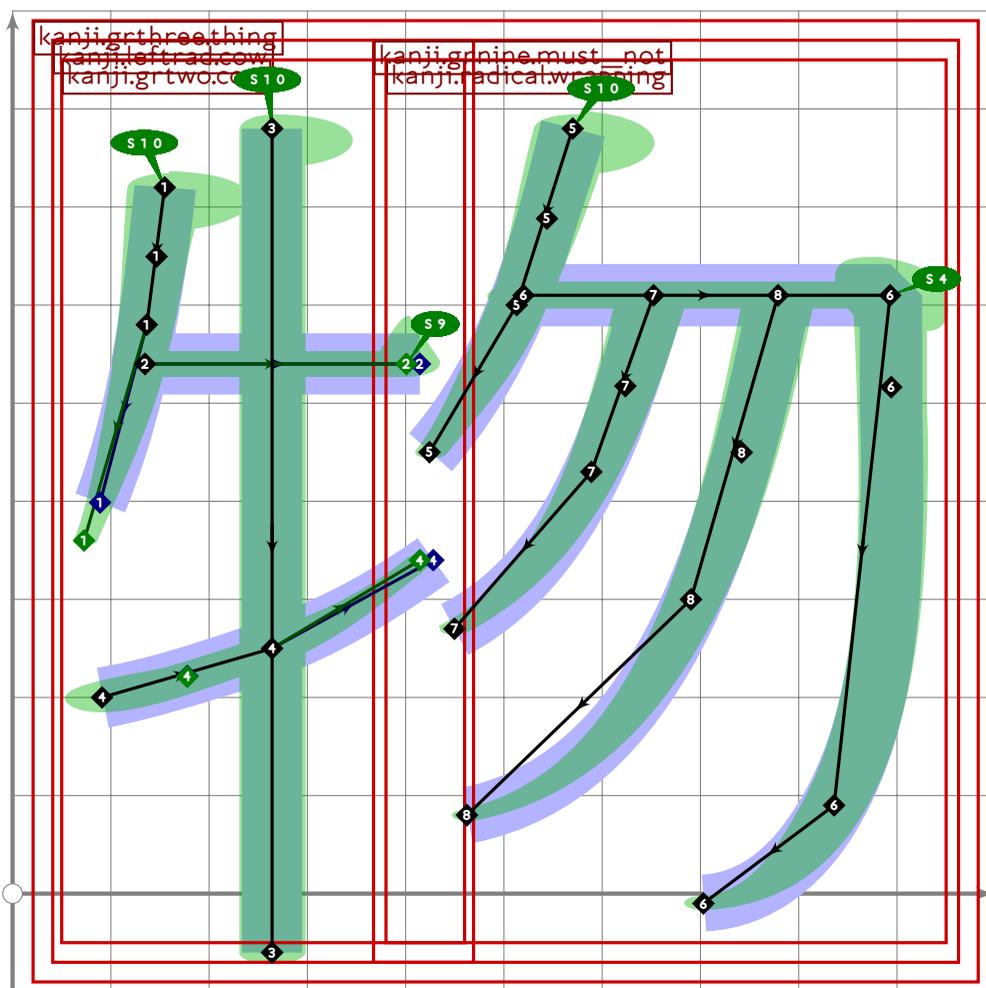
```
1 %
2 % Unicode page 72 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---

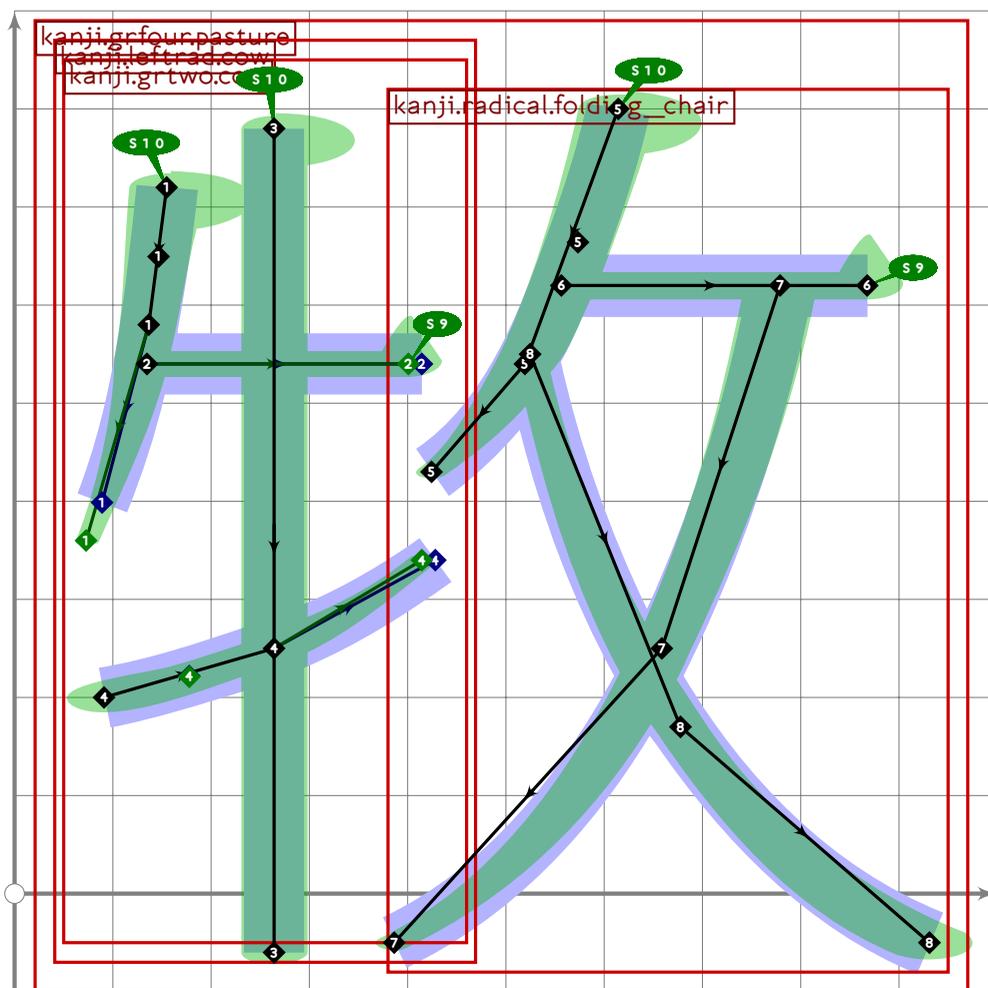

32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradenine.mp;
40 input gradeone.mp;
41 input gradesix.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input radical.mp;
45
46 do_late_includes;
47
48 

---

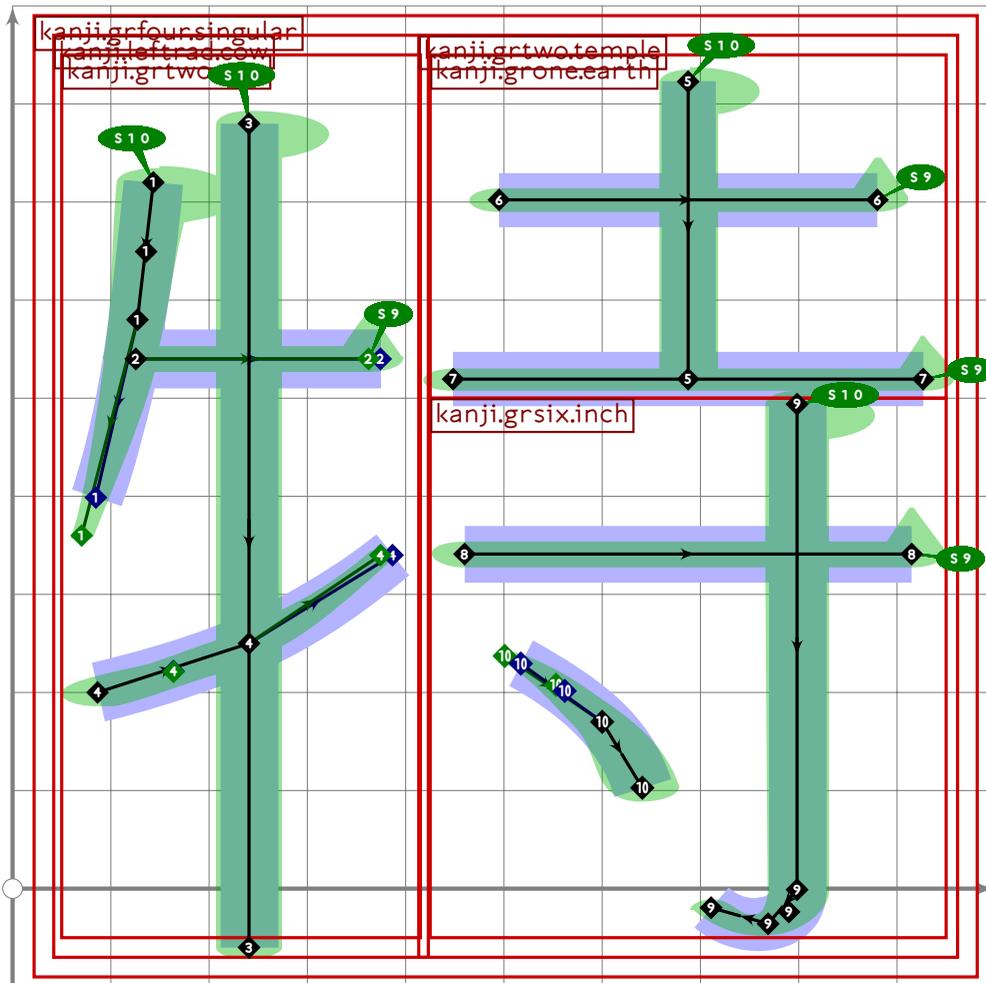

```



```
49  
50 vardef kanji.grthree.thing =  
51   push_pbox_toexpand("kanji.grthree.thing");  
52   build_kanji.lr(420,80)  
53     (kanji.leftrad.cow)  
54     (kanji.grnine.must_not);  
55   expand_pbox;  
56 enddef;  
57  
58
```



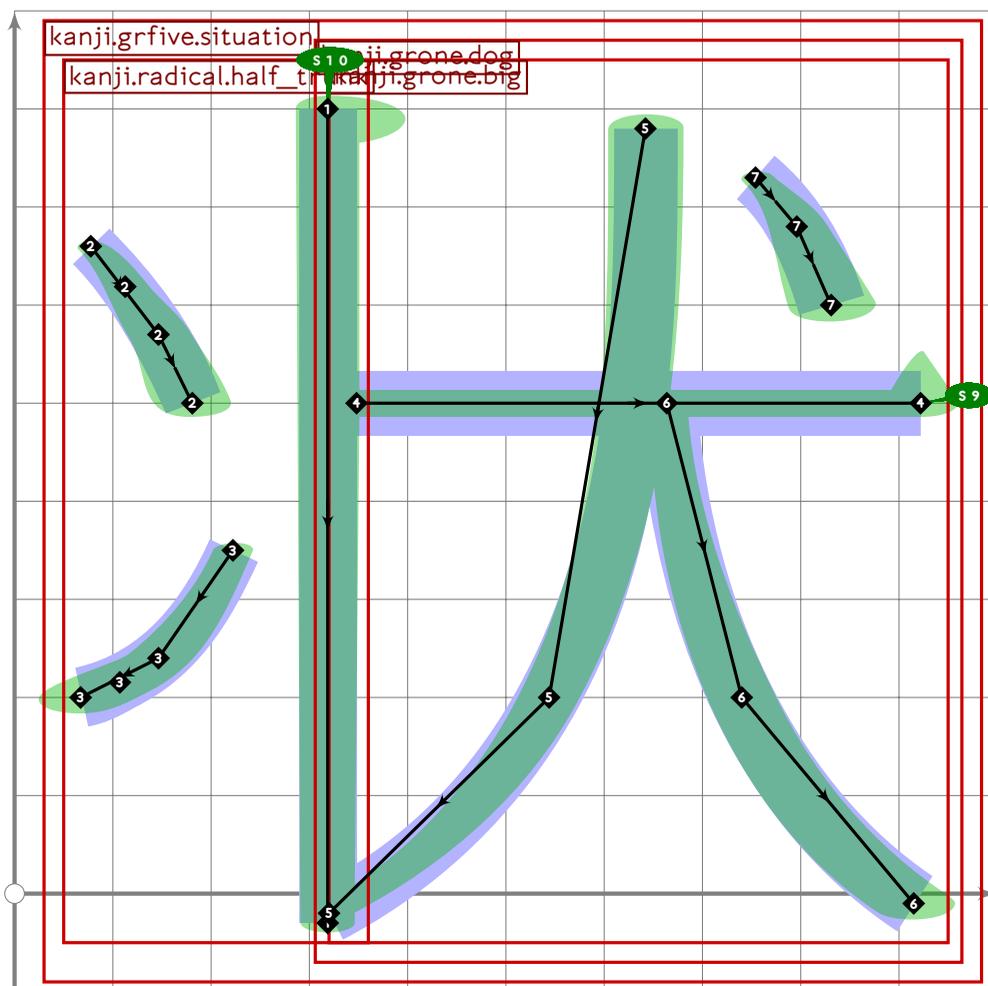
```
59
60 vardef kanji.grfour.pasture =
61   push_pbox_toexpand("kanji.grfour.pasture");
62   build_kanji.lr(420,80)
63     (kanji.leftrad.cow)
64     (build_kanji.sscale(shifted (0,-30))(kanji.radical.folding_chair));
65   expand_pbox;
66 enddef;
67
```



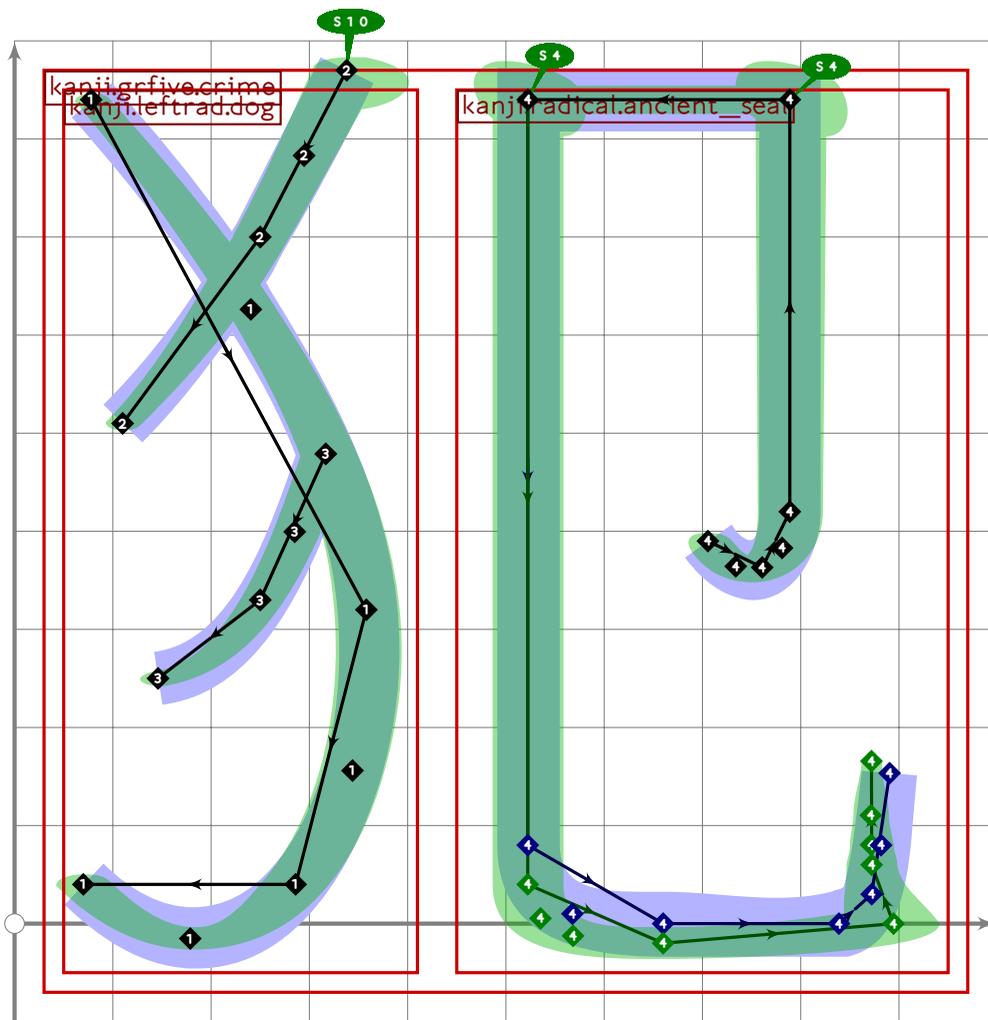
```

68 % "singular" because METAFONT reserves "special"
69 vardef kanji.grfour.singular =
70   push_pbox_toexpand("kanji.grfour.singular");
71   build_kanji.lr(420-10)
72     (kanji.leftrad.cow)
73     (kanji.grtwo.temple);
74   expand_pbox;
75 enddef;
76
77

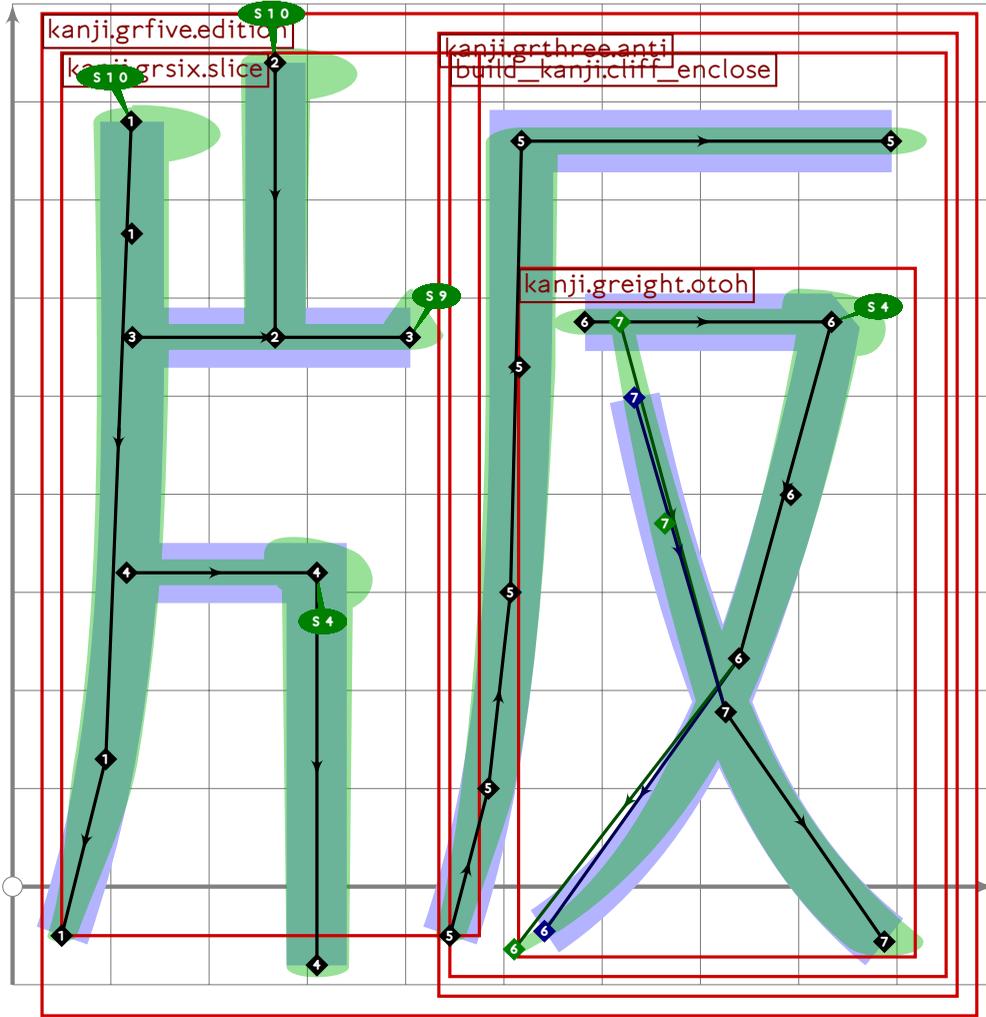
```



```
78  
79 vardef kanji.grfive.situation =  
80   push_pbox_toexpand("kanji.grfive.situation");  
81   build_kanji.lr(340,40)  
82     (kanji.radical.half_trunk)  
83     (kanji.grone.dog);  
84   expand_pbox;  
85 enddef;
```



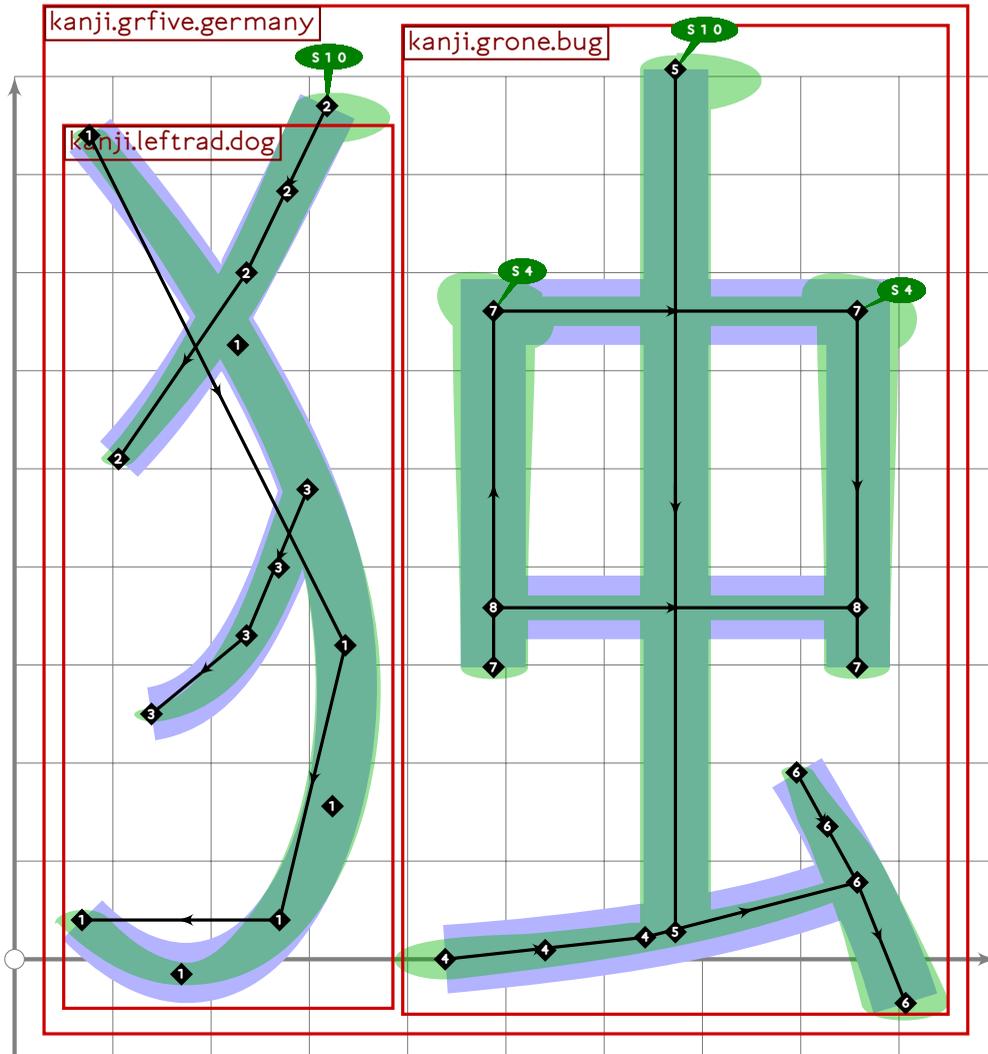
```
86  
87 vardef kanji.grfive.crime =  
88   push_pbox_toexpand("kanji.grfive.crime");  
89   build_kanji.lr(430,-40)  
90     (kanji.leftrad.dog)  
91     (kanji.radical.ancient_seal);  
92   expand_pbox;  
93 enddef;
```



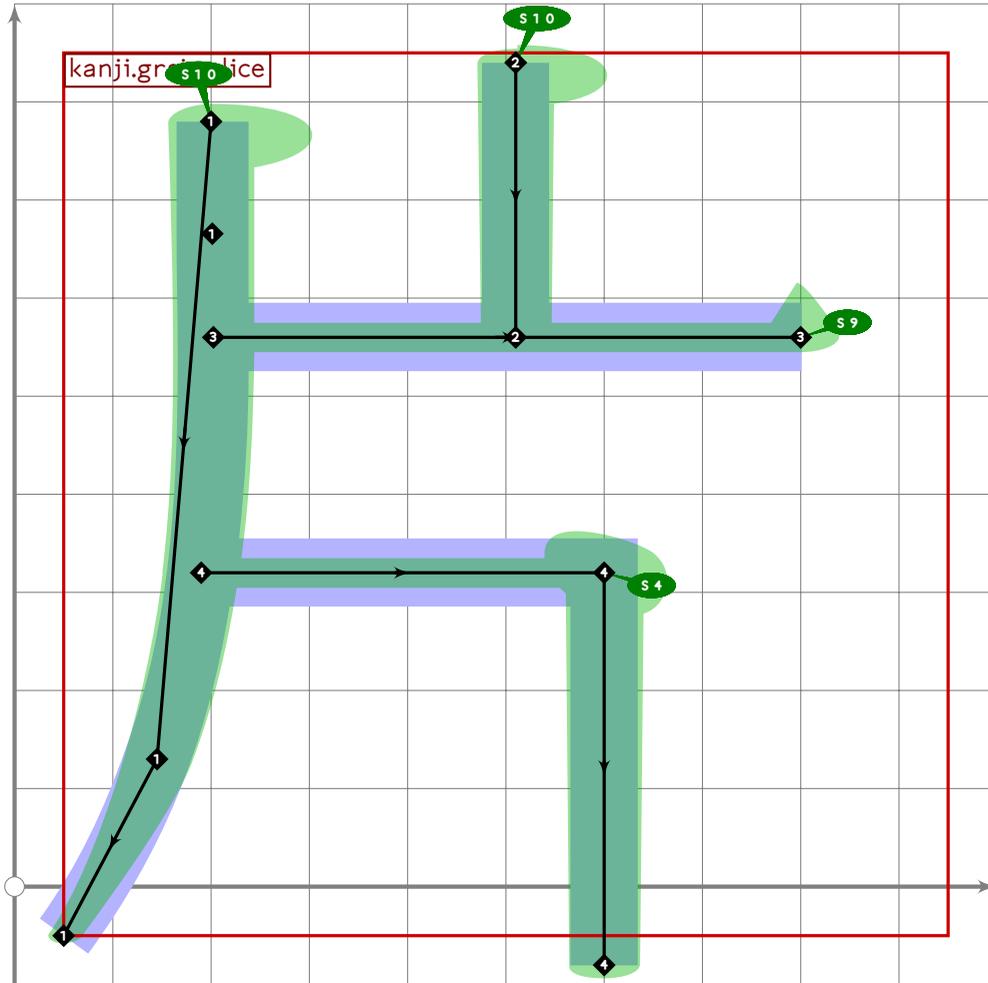
```

94
95 vardef kanji.grfive.edition =
96   push_pbox_toexpand("kanji.grfive.edition");
97   build_kanji.lr(460,30)
98     (kanji.grsix.slice)
99     (kanji.grthree.anti);
100   expand_pbox;
101 enddef;

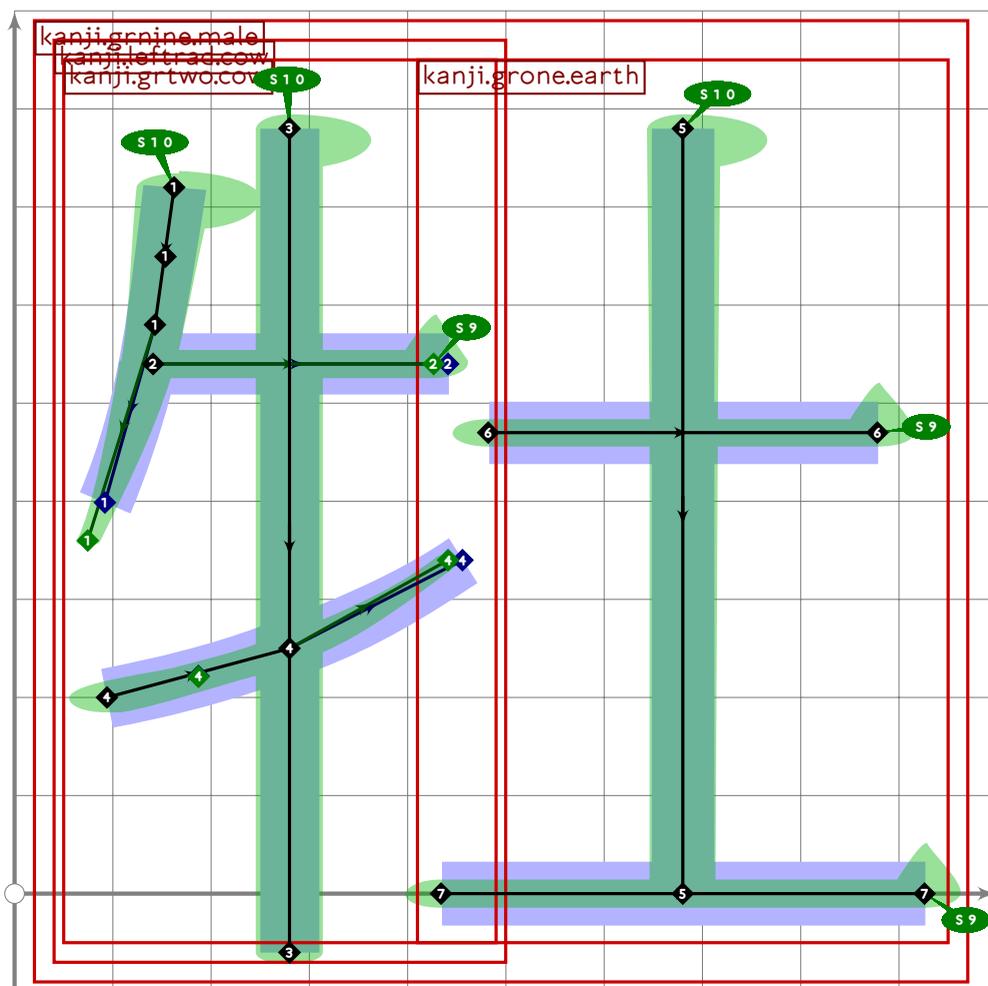
```



```
102
103 vardef kanji.grfive.germany =
104   push_pbox_toexpand("kanji.grfive.germany");
105   build_kanji.lr(390;10)
106     (kanji.leftrad.dog)
107     (tsu_xform(identity yscaled 1.12)(kanji.grone.bug));
108   expand_pbox;
109 enddef;
110
111
```



```
112
113 vardef kanji.grsix.slice =
114   push_pbox_toexpand("kanji.grsix.slice");
115   push_stroke((200,780){down}..(145,130)..(50,-50),
116     (1.7,1.7)-(1.5,1.5)-(1,1));
117   set_boserif(0,0,10);
118   push_stroke((510,840)-(510,560),(1.6,1.6)-(1.5,1.5));
119   set_boserif(0,0,10);
120   push_stroke((get_strokep(-1) intersectionpoint ((0,560)-(500,560)))
121     -(800,560),
122     (1.6,1.6)-(1.6,1.6));
123   set_boserif(0,1,9);
124   push_stroke((get_strokep(-2) intersectionpoint ((0,320)-(500,320)))
125     -(600,320)-(600,-80),
126     (1.6,1.6)-(1.6,1.6)-(1.5,1.5));
127   set_botip(0,1,1);
128   set_boserif(0,1,4);
129   expand_pbox;
130 enddef;
131
132
```



```

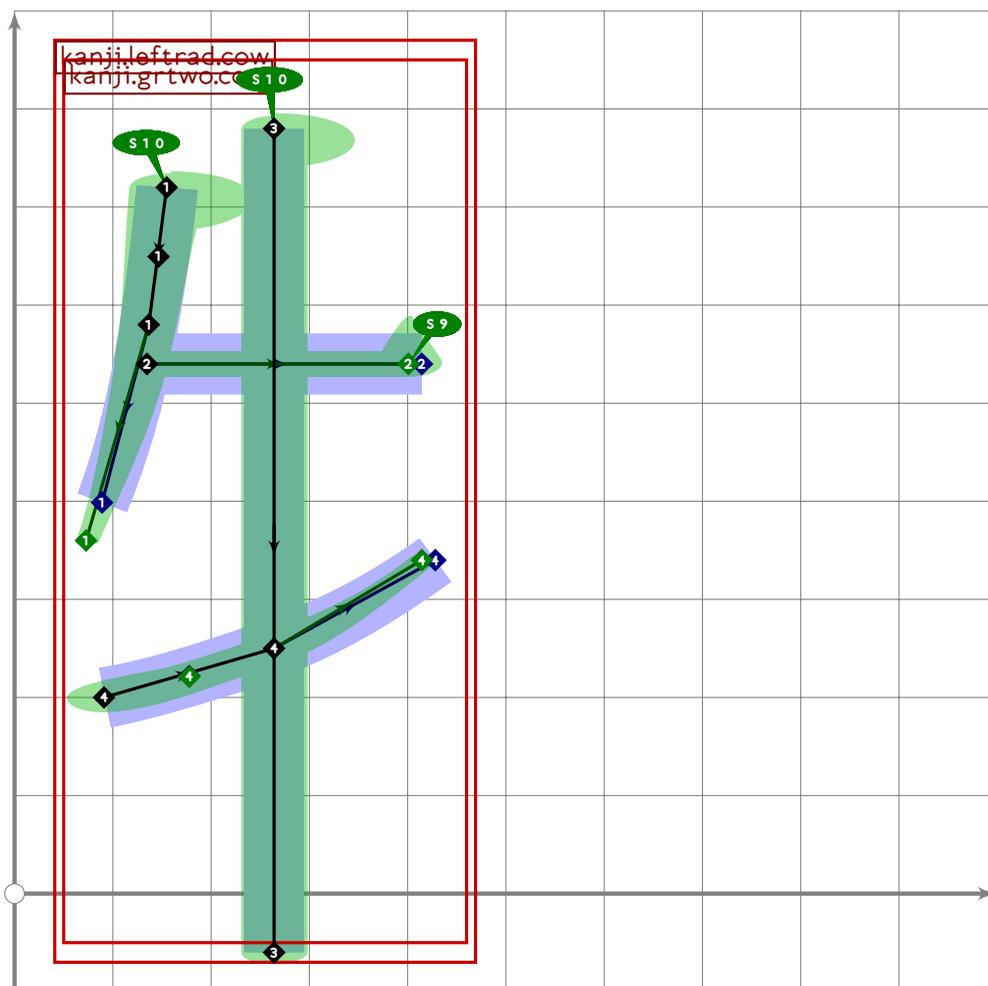
133
134 vardef kanji.grnine.male =
135   push_pbox_toexpand("kanji.grnine.male");
136   build_kanji.lr(450,80)
137     (kanji.leftrad.cow)
138     (kanji.grone.earth);
139   expand_pbox;
140 enddef;
141
142
143
144 vardef kanji.leftrad.cow =
145   push_pbox_toexpand("kanji.leftrad.cow");
146   kanji.grtwo.cow;
147   replace_strokep(0)((140,200)..tension 1.2..(520,250)..(880-30*mincho,340));
148   replace_strokeq(0)((1.7,1.7)-(1.5,1.5)-(1,1));
149   set_boserif(0,1,whatever);
150   expand_pbox;
151 enddef;
152
153 vardef kanji.leftrad.dog =

```

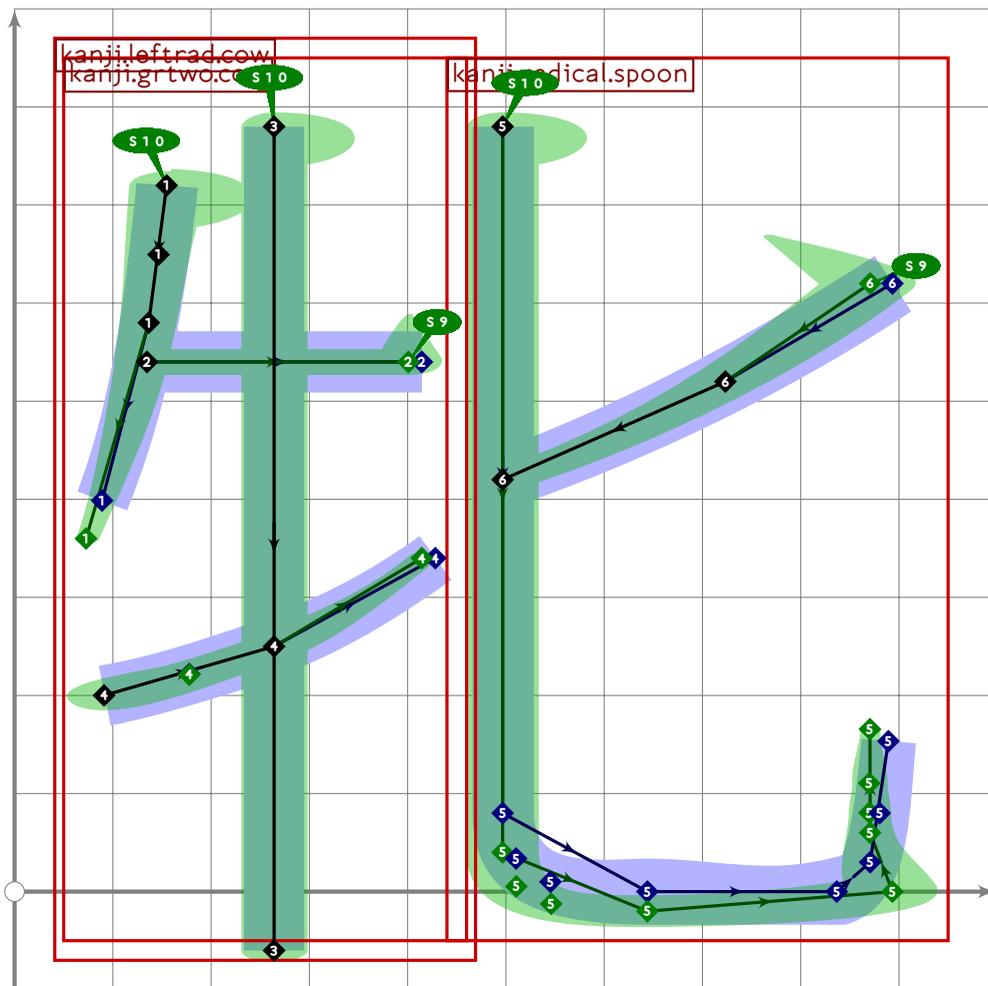
```

154 push_pbox_toexpand("kanji.leftrad.dog");
155 push_stroke(
156   (120,840){curl 0}{tension 14..(820,320)..(640,40)..{curl 0.6}(100,40),
157   (1,1,1)-(1.5,1.5)-(1.6,1.6)-(1.4,1.4));
158 push_stroke((770,870)..tension 1.2..(550,700)..(200,510),
159   (1.6,1.6)-(1.4,1.4)-(1,1,1));
160 set_bosserif(0,0,10);
161 push_stroke((point 0.75 of get_strokep(-1))
162   ..tension 1.2..(550,330)..{curl 0.6}(290,250),
163   (point 0.6 of get_strokeq(-1))..(1.3,1.3)..(1,1,1));
164 expand_pbox;
165 enddef;
166
167 _____
168
169 % chichi "father"
170 begintsuglyph("uni7236";54); [see page 519]
171 kanji.grtwo.father;
172 tsu_render;
173 endtsuglyph;
174
175 % hen/kata "slice"
176 begintsuglyph("uni7247";71); [see page 3506]
177 kanji.grsix.slice;
178 tsu_render;
179 endtsuglyph;
180
181 % han "edition"
182 begintsuglyph("uni7248";72); [see page 3504]
183 kanji.grfive.edition;
184 tsu_render;
185 endtsuglyph;
186
187 % ga/kiba "tusk"
188 begintsuglyph("uni7259";89); [see page 984]
189 kanji.greight.tusk;
190 tsu_render;
191 endtsuglyph;
192
193 % kyuu/ushi "cow"
194 begintsuglyph("uni725B";91); [see page 510]
195 kanji.grtwo.cow;
196 tsu_render;
197 endtsuglyph;
198

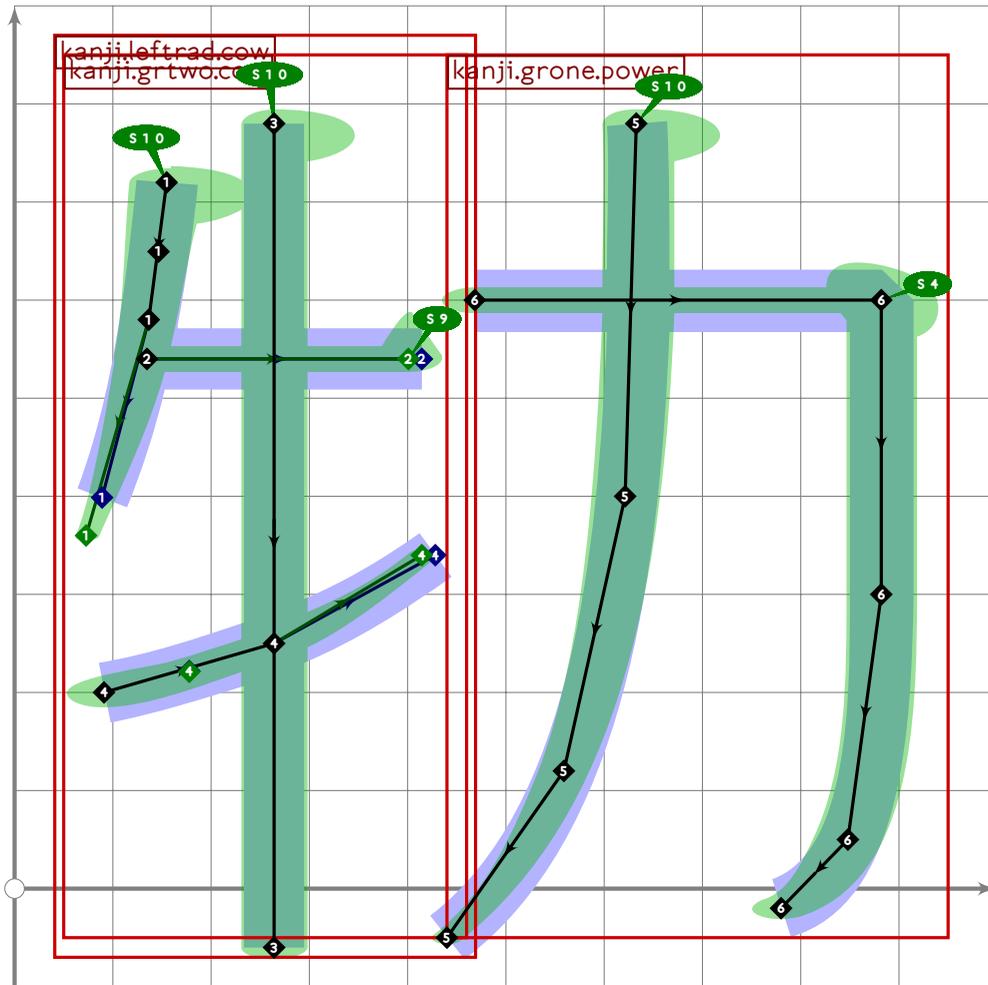
```



```
199 % naked cow radical
200 begintsuglyph("uni725C";92);
201 build_kanji.lr(450,20)(kanji.leftrad.cow)();
202 tsu_render;
203 endtsuglyph;
204
```



```
205 % extra "female"  
206 begintsuglyph("uni725D",93);  
207 build_kanji.lr(450,20)  
208 (kanji.leftrad.cow)  
209 (kanji.radical.spoon);  
210 tsu_render;  
211 endtsuglyph;  
212
```

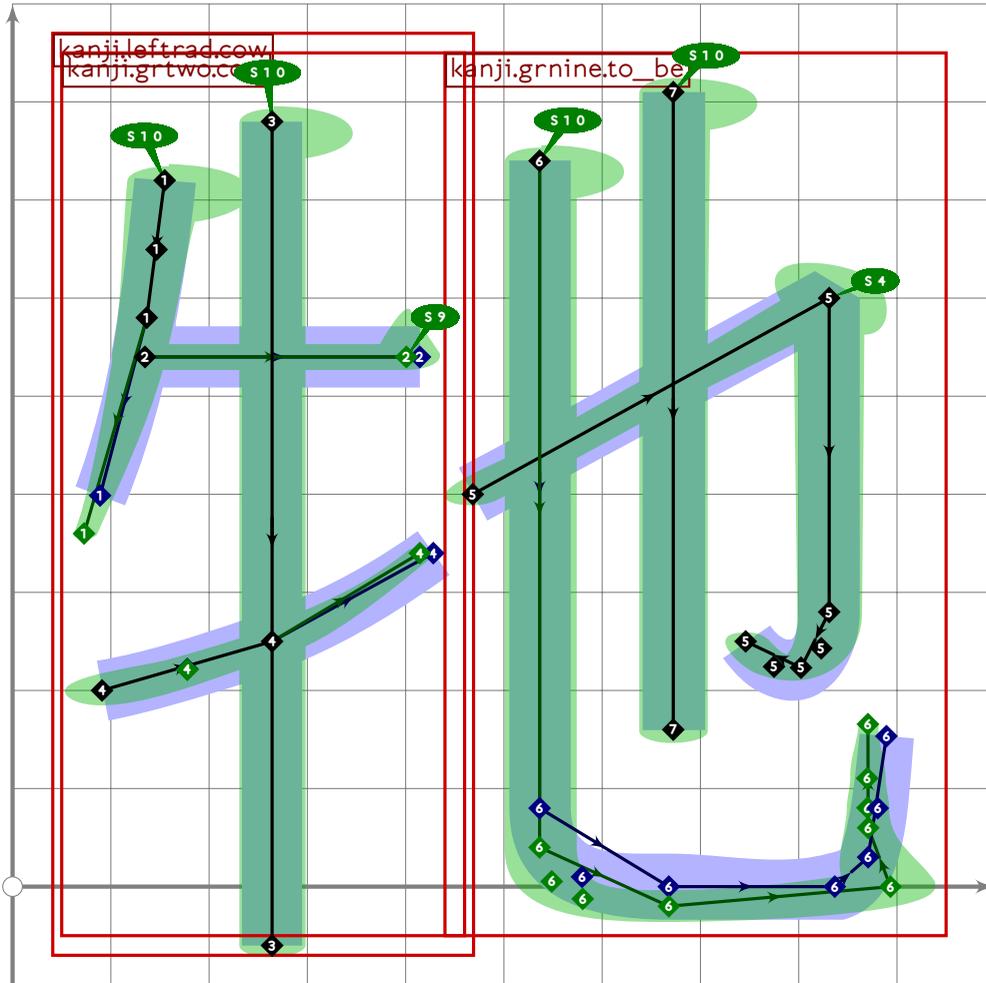


```

213 % extra
214 begintsuglyph("uni725E";94);
215   build_kanji.lr(450,20)
216     (kanji.leftrad.cow)
217     (kanji.grone.power);
218   tsu_render;
219 endtsuglyph;
220
221 % bou/mu "moo (cow sound)"
222 begintsuglyph("uni725F";95);
223   kanji.grnine.moo;
224   tsu_render;
225 endtsuglyph;
226

```

[see page 1009]



```

227 % extra
228 begintsuglyph("uni7260";96);
229   build_kanji.lr(450,20)
230     (kanji.leftrad.cow)
231     (kanji.grnine.to_be);
232   tsu_render;
233 endtsuglyph;
234
235 % bo/osu "male (animal)"
236 begintsuglyph("uni7261";97);
237   kanji.grnine.male;
238   tsu_render;
239 endtsuglyph;
240
241 % boku/maki "pasture"
242 begintsuglyph("uni7267";103);
243   kanji.grfour.pasture;
244   tsu_render;
245 endtsuglyph;
246
247 % butsu/mono "thing"

```

[see page 3507]

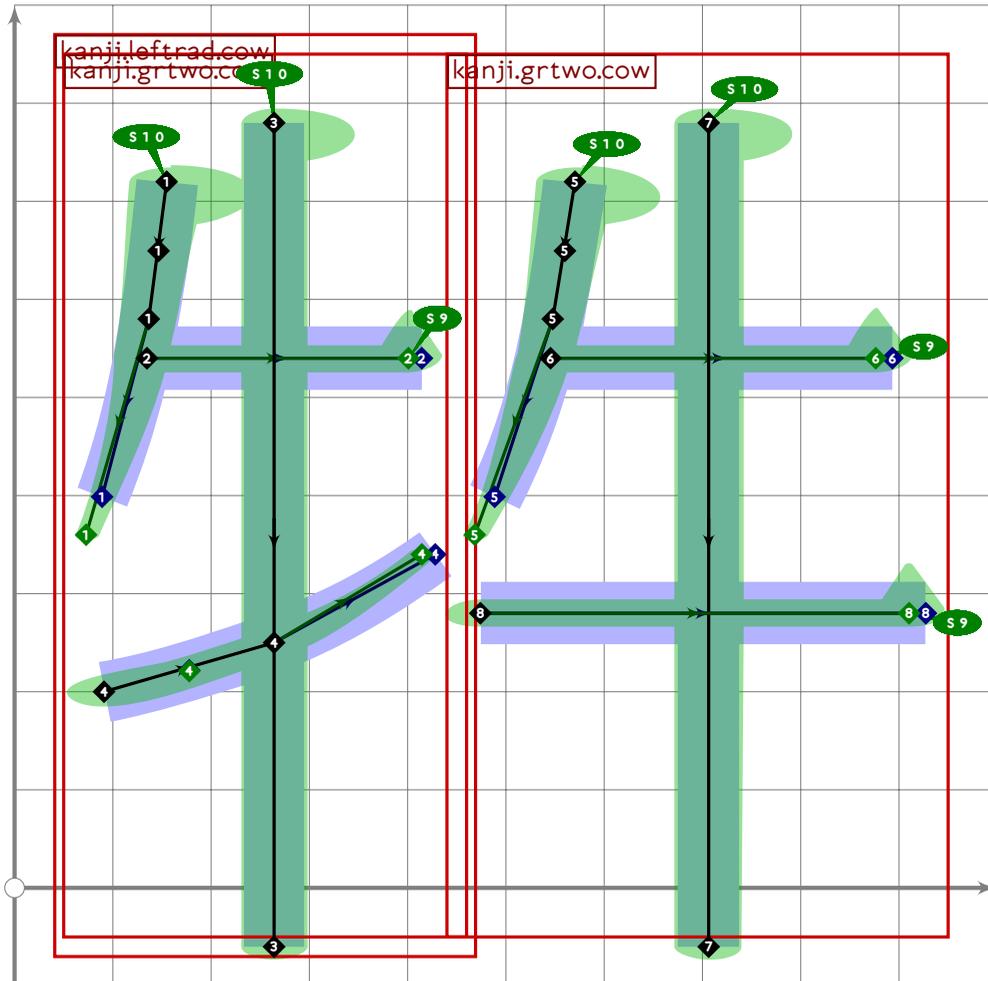
[see page 3500]

```

248 begintsuglyph("uni7269";105);
249 kanji.grthree.thing;
250 tsu_render;
251 endsuglyph;
252

```

[see page 675]



```

253 % extra
254 begintsuglyph("uni726A";106);
255 build_kanji.lr(450,20)
256 (kanji.leftrad.cow)
257 (kanji.grtwo.cow);
258 tsu_render;
259 endsuglyph;
260
261 % toku "special"
262 begintsuglyph("uni7279";121);
263 kanji.grfour.singular;
264 tsu_render;
265 endsuglyph;
266
267 % inu "dog"
268 begintsuglyph("uni72AC";172);

```

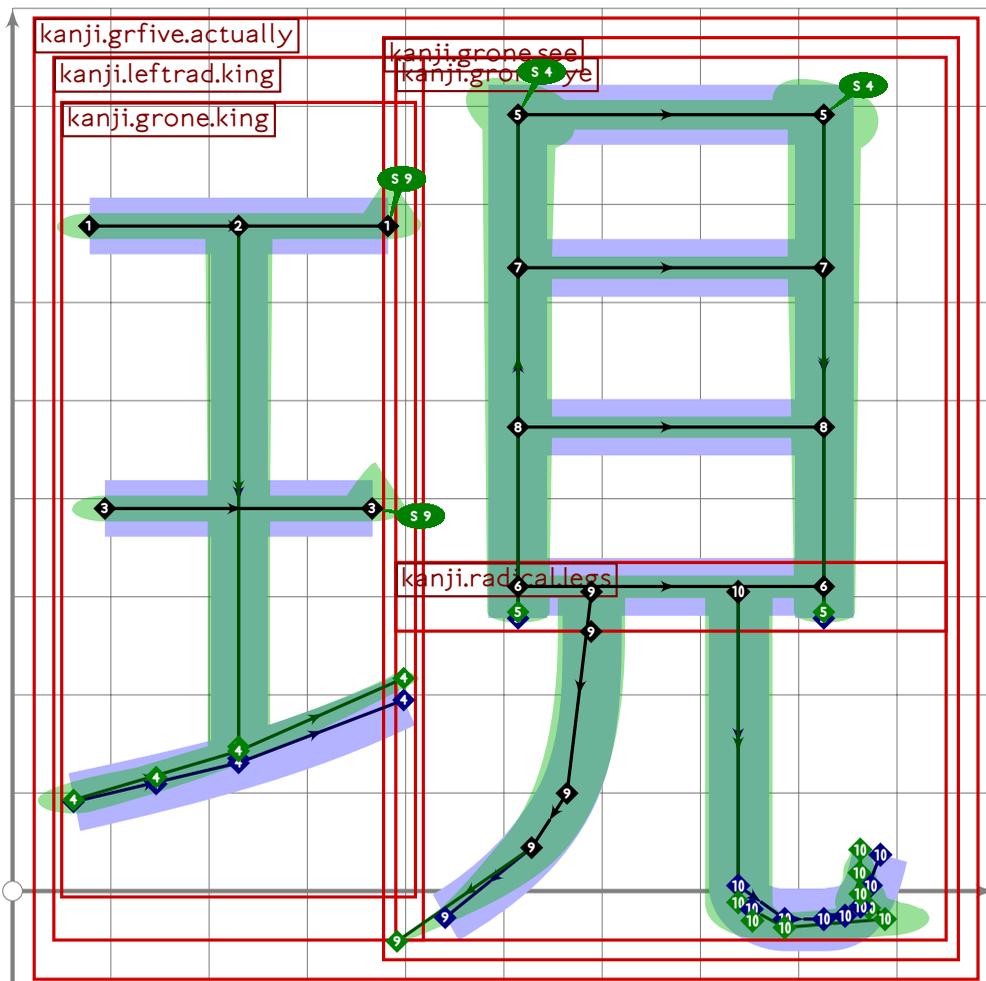
[see page 3501]

[see page 432]

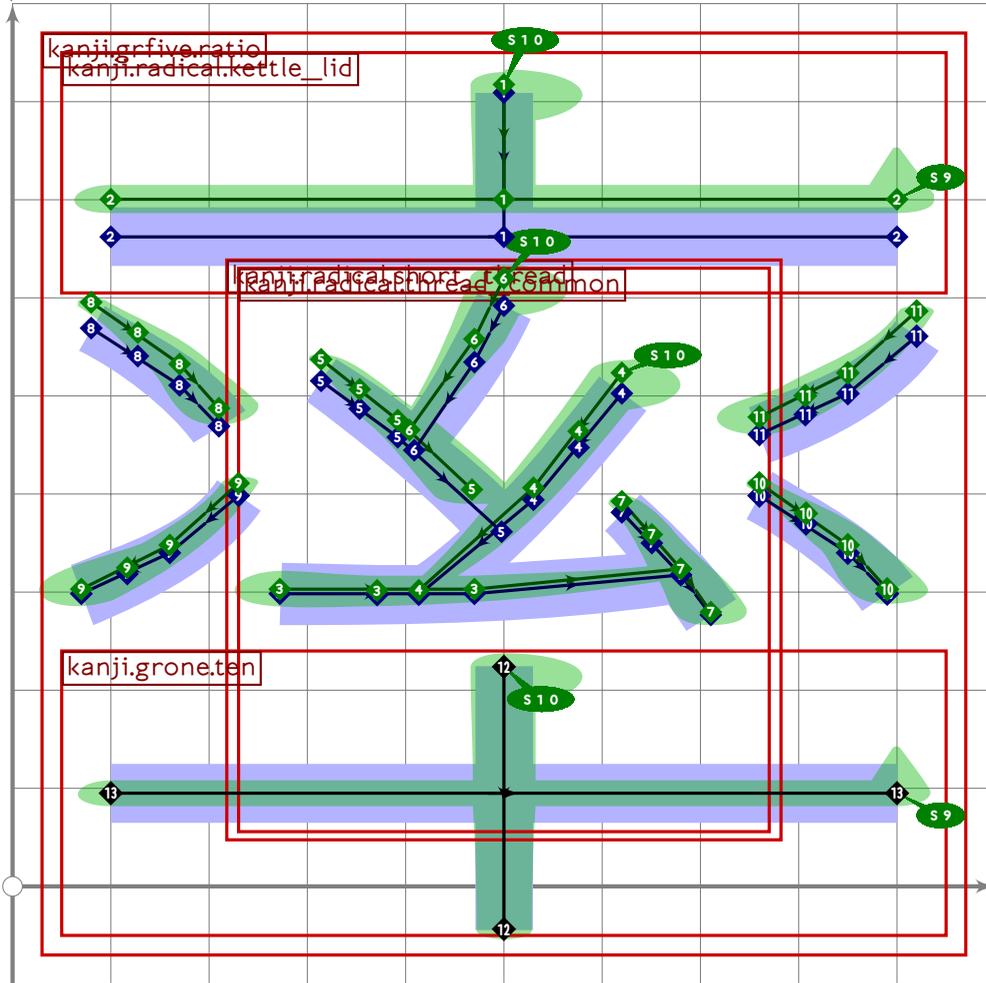
```
269 kanji.grone.dog;
270 tsu_render;
271 endtsuglyph;
272
273 % han/oka "crime"
274 begintsuglyph("uni72AF",175); [see page 3503]
275 kanji.grfive.crime;
276 tsu_render;
277 endtsuglyph;
278
279 % shou "situation"
280 begintsuglyph("uni72B6",182); [see page 3502]
281 kanji.grfive.situation;
282 tsu_render;
283 endtsuglyph;
284
285 % doku/hito "Germany"
286 begintsuglyph("uni72EC",236); [see page 3505]
287 kanji.grfive.germany;
288 tsu_render;
289 endtsuglyph;
290
291 _____
292
293 endfont;
294
295 _____
```

# tsuku-73.mp

```
1 %  
2 % Unicode page 73 (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2014, 2017, 2021 Matthew Skala  
4 %  
5-29 [Standard copyright notice]  
30  
31 _____  
32  
33 beginfont  
34  
35 % AUTODEPS  
36 input buildkanji.mp;  
37 input gradeone.mp;  
38 input leftrad.mp;  
39 input radical.mp;  
40  
41 do_late_includes;  
42  
43 _____
```



```
44  
45 vardef kanji.grfive.actually =  
46   push_pbox_toexpand("kanji.grfive.actually");  
47   build_kanji.lr(400,20)  
48     (kanji.leftrad.king)  
49     (kanji.grone.see);  
50   expand_pbox;  
51 enddef;
```



```
52  
53 vardef kanji.grfive.ratio =  
54   push_pbox_toexpand("kanji.grfive.ratio");  
55   build_kanji.level(build_kanji.tcb(610+40*mincho,10-20*mincho)(240,0)  
56     (kanji.radical.kettle_lid)  
57     (build_kanji.sscale(xscaled 0.6)(kanji.radical.short_thread);  
58     push_stroke((80,740)..tension 1.2..(170,600)..(210,500),  
59       (1,1)-(1.5,1.5)-(1.8,1.8));  
60     push_stroke((230,330)..(160,190)..tension 1.2..(70,90),  
61       (1,1,1)-(14,14)-(19,19));  
62     push_stroke  
63       (get_strokep(-1) shifted ((760,330)-point 0 of get_strokep(-1)),  
64       get_strokeq(-1));
```

```

65     push_stroke
66     (get_strokep(-1) shifted ((760,480)-point 2 of get_strokep(-1)),
67     get_strokeq(-1)))
68     (kanji.grone.ten));
69     expand_pbox;
70 enddef;
71
72 _____
73
74 % sotsu/hiki "ratio"
75 begintsuglyph("uni7387";135); [see page 3516]
76     kanji.grfive.ratio;
77     tsu_render;
78 endtsuglyph;
79
80 % gyoku/tama "ball" or "precious"
81 begintsuglyph("uni7389";137); [see page 422]
82     kanji.grone.ball;
83     tsu_render;
84 endtsuglyph;
85
86 % ou "king"
87 begintsuglyph("uni738B";139); [see page 452]
88     kanji.grone.king;
89     tsu_render;
90 endtsuglyph;
91
92 % gen/arawa "actually"
93 begintsuglyph("uni73FE";254); [see page 3516]
94     kanji.grfive.actually;
95     tsu_render;
96 endtsuglyph;
97
98 _____
99
100 endfont;
101
102 _____

```

# tsuku-74.mp

74

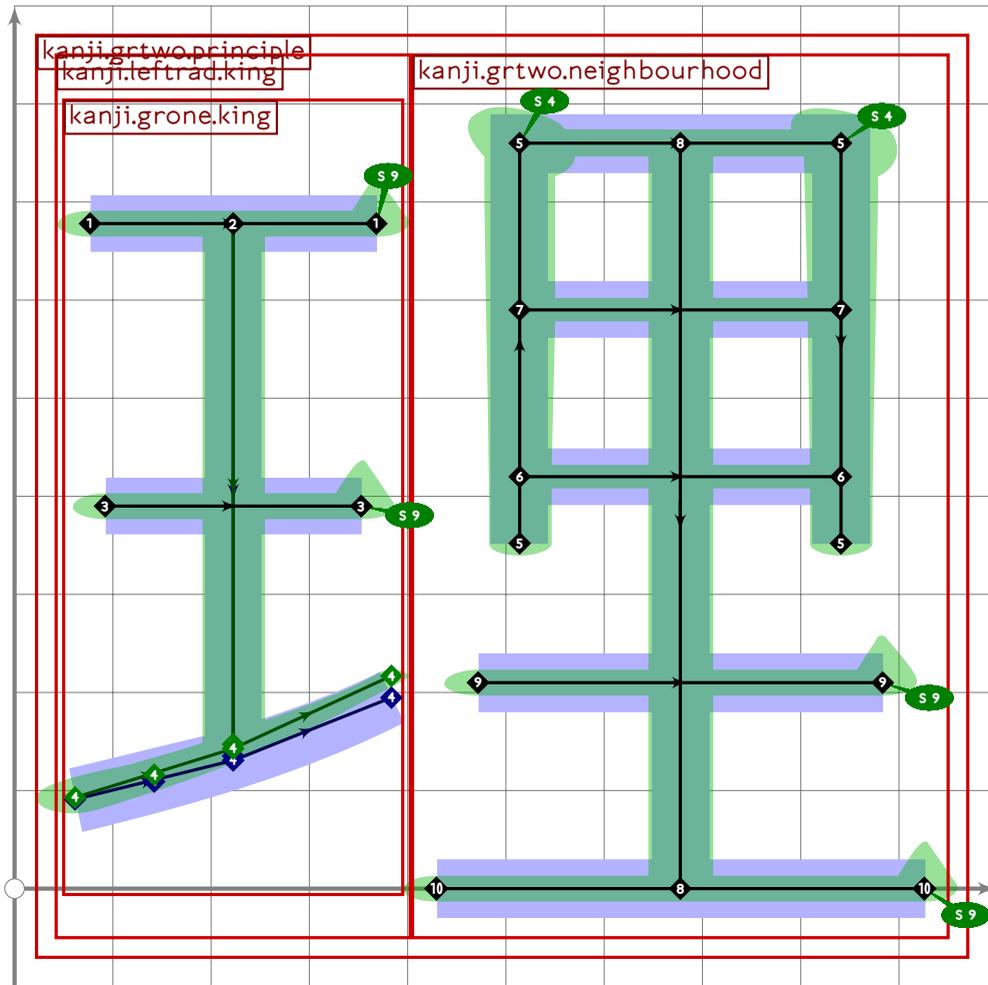
```
1 %
2 % Unicode page 74 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradefour.mp;
38 input gradeone.mp;
39 input gradetwo.mp;
40 input leftrad.mp;
41 input radical.mp;
42
43 do_late_includes;
44
45 

---

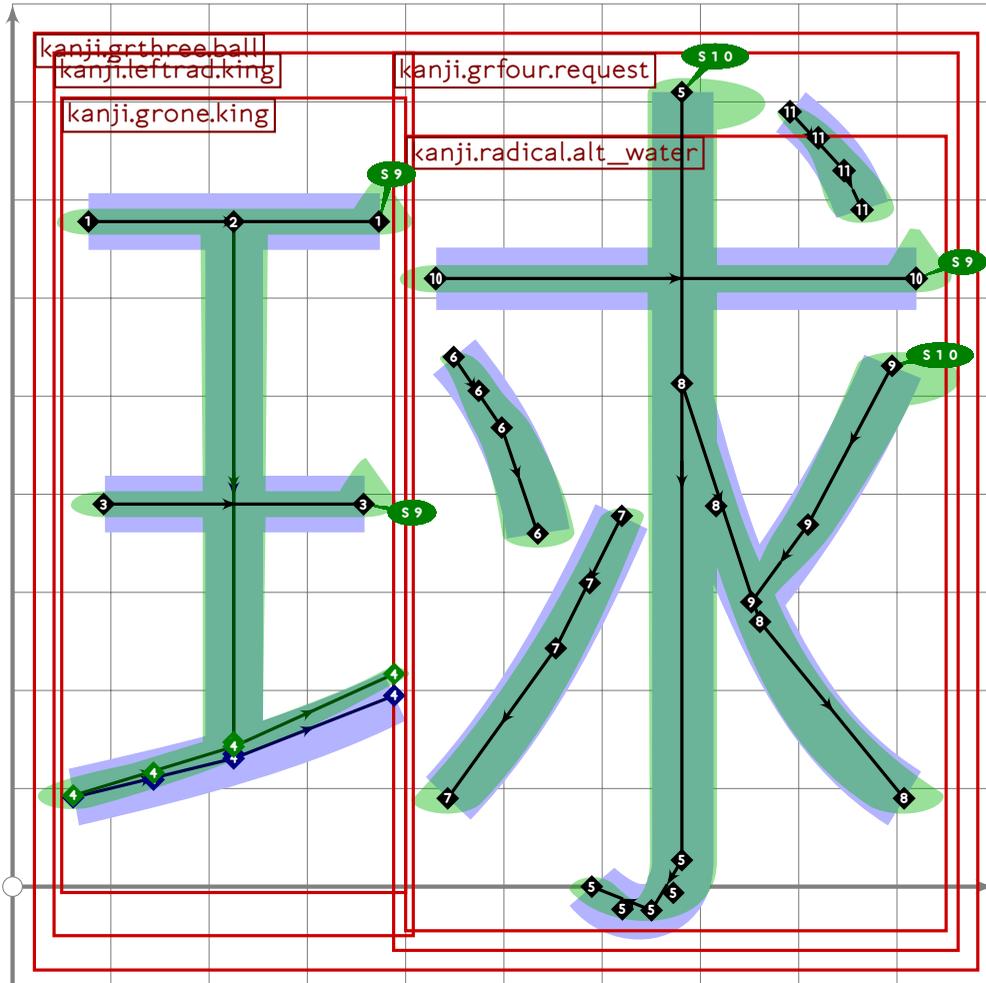

```



```

46
47 vardef kanji.grtwo.principle =
48   push_pbox_toexpand("kanji.grtwo.principle");
49   build_kanji.lr(400,-10)
50     (kanji.leftrad.king)
51     (kanji.grtwo.neighbourhood);
52   expand_pbox;
53 enddef;
54
55

```



```

56
57 vardef kanji.grthree.ball =
58   push_pbox_toexpand("kanji.grthree.ball");
59   build_kanji.lr(400,0)
60     (kanji.leftrad.king)
61     (kanji.grfour.request);
62   expand_pbox;
63 enddef;
64
65
66
67 % kyu/tama "ball" (as in baseball)
68 beginsuglyph("uni7403";3);
69 kanji.grthree.ball;
70 tsu_render;
71 endsuglyph;
72
73 % ri/kotowari "principle"
74 beginsuglyph("uni7406";6);
75 kanji.grtwo.principle;
76 tsu_render;

```

[see page 3520]

[see page 3519]

77 endtsuglyph;

78

79

---

80

81 endfont;

82

83

---

# tsuku-75.mp

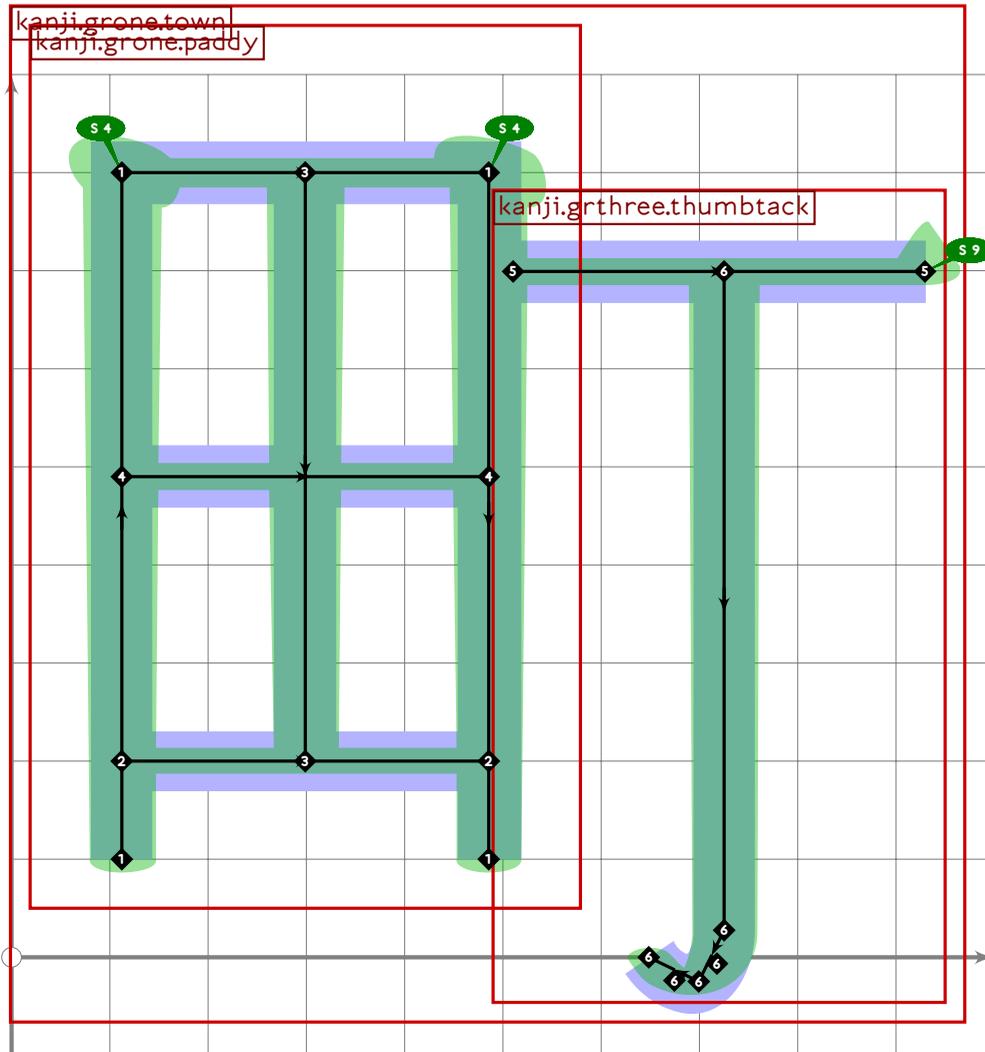
```
1 %
2 % Unicode page 75 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---

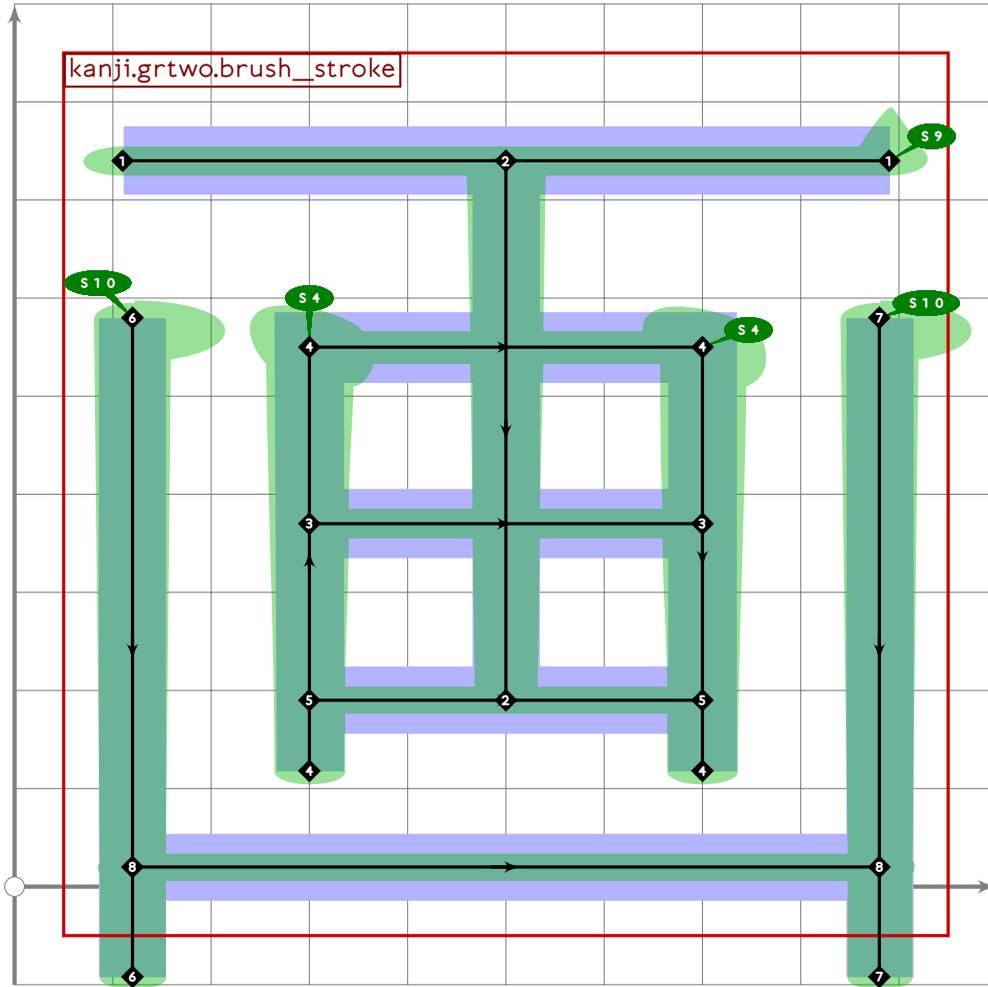

32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradethree.mp;
46 input gradetwo.mp;
47 input leftrad.mp;
48 input radical.mp;
49 input rare.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54 

---

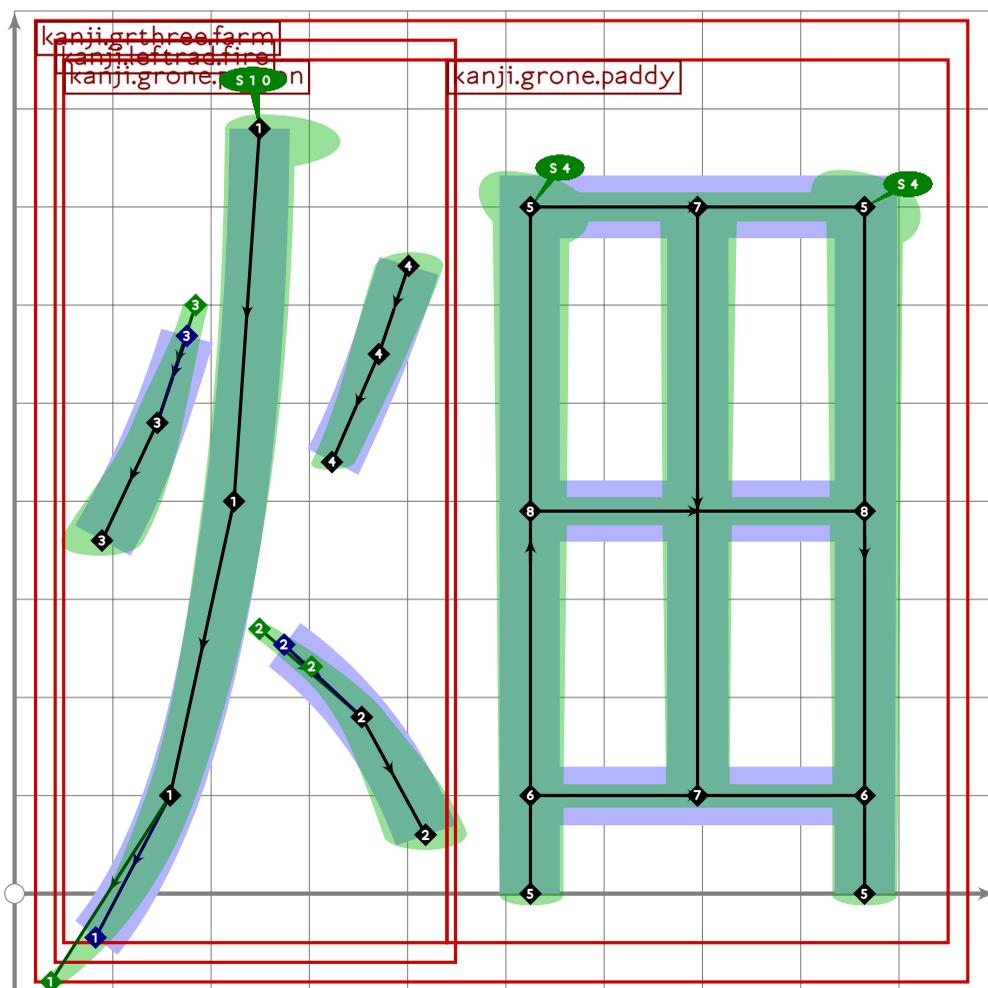

```



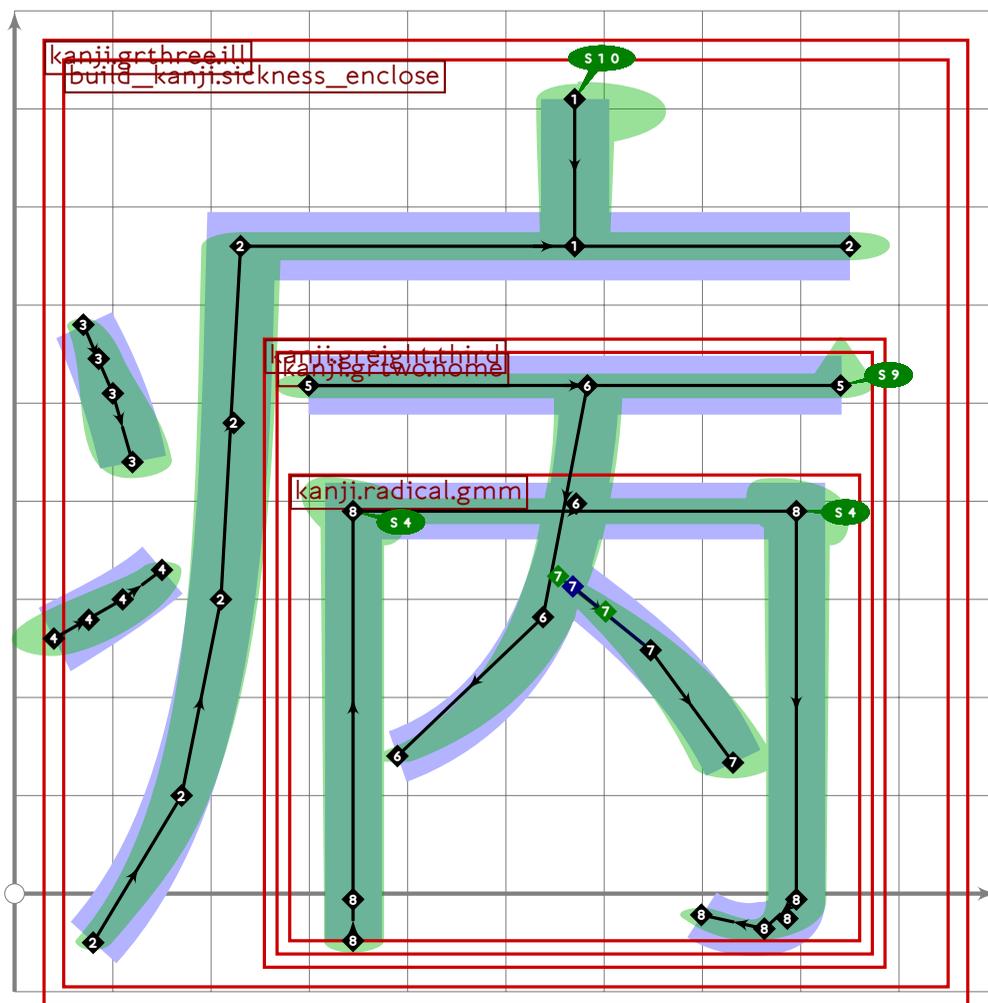
```
55
56 vardef kanji.grone.town =
57   push_pbox_toexpand("kanji.grone.town");
58   build_kanji.level(build_kanji.lr(550,120)
59     (tsu_xform(identity shifted (-50,100))(kanji.grone.paddy))
60     (tsu_xform(identity yscaled 0.92)
61       (kanji.grthree.thumbtack)));
62   expand_pbox;
63 enddef;
64
65
```



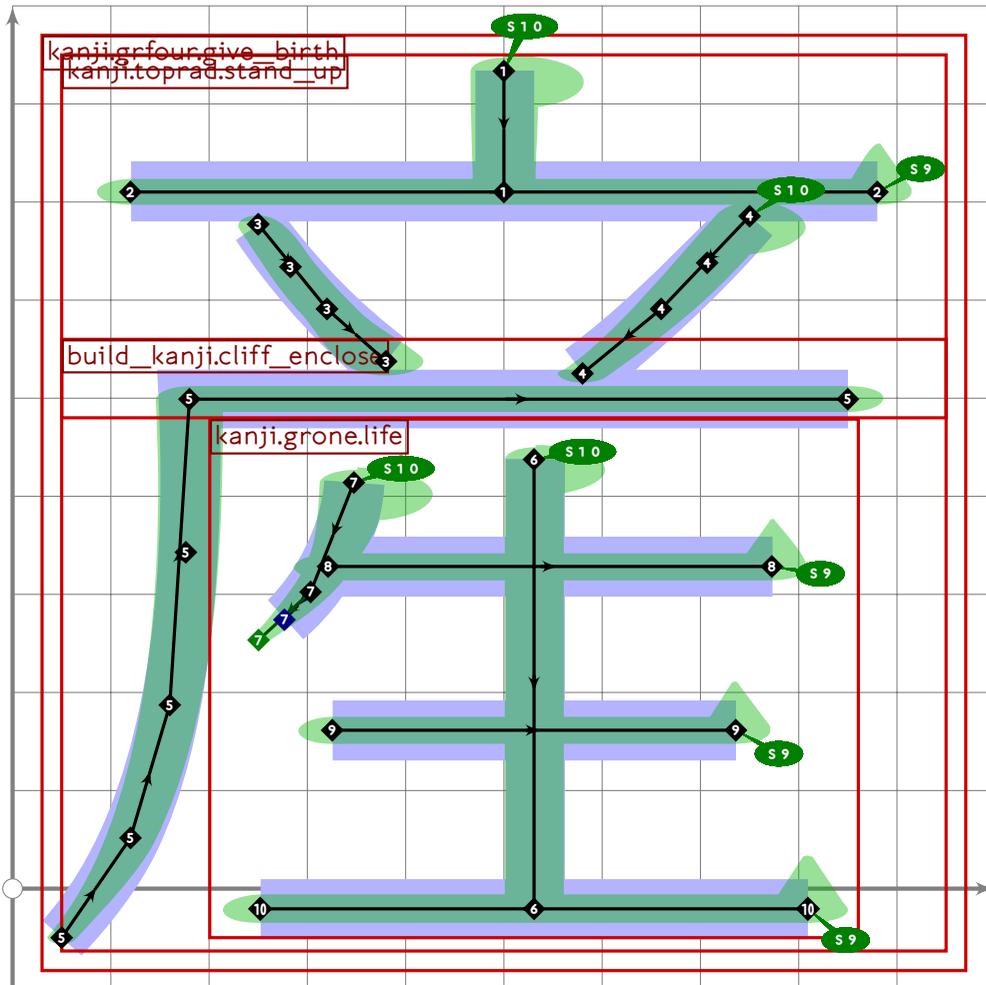
```
66  
67 vardef kanji.grtwo.brush_stroke =  
68   push_pbox_toexpand("kanji.grtwo.brush_stroke");  
69   push_stroke((110,740)-(890,740),(1,6,1,6)-(1,6,1,6));  
70   set_boserif(0,19);  
71   push_stroke((500,740)-(500,190),  
72     (1,6,1,6)-(14,14));  
73   push_stroke((300,370)-(700,370),  
74     (1,6,1,6)-(1,6,1,6));  
75   build_kanji.box((300,550),(700,190));  
76   build_kanji.cup((120,580),(880,20));  
77   expand_pbox;  
78 enddef;  
79  
80
```



```
81  
82 vardef kanji.grthree.farm =  
83   push_pbox_toexpand("kanji.grthree.farm");  
84   build_kanji.level(build_kanji.lr(440,0)  
85     (kanji.leftrad.fire)  
86     (kanji.grone.paddy));  
87   expand_pbox;  
88 enddef;
```



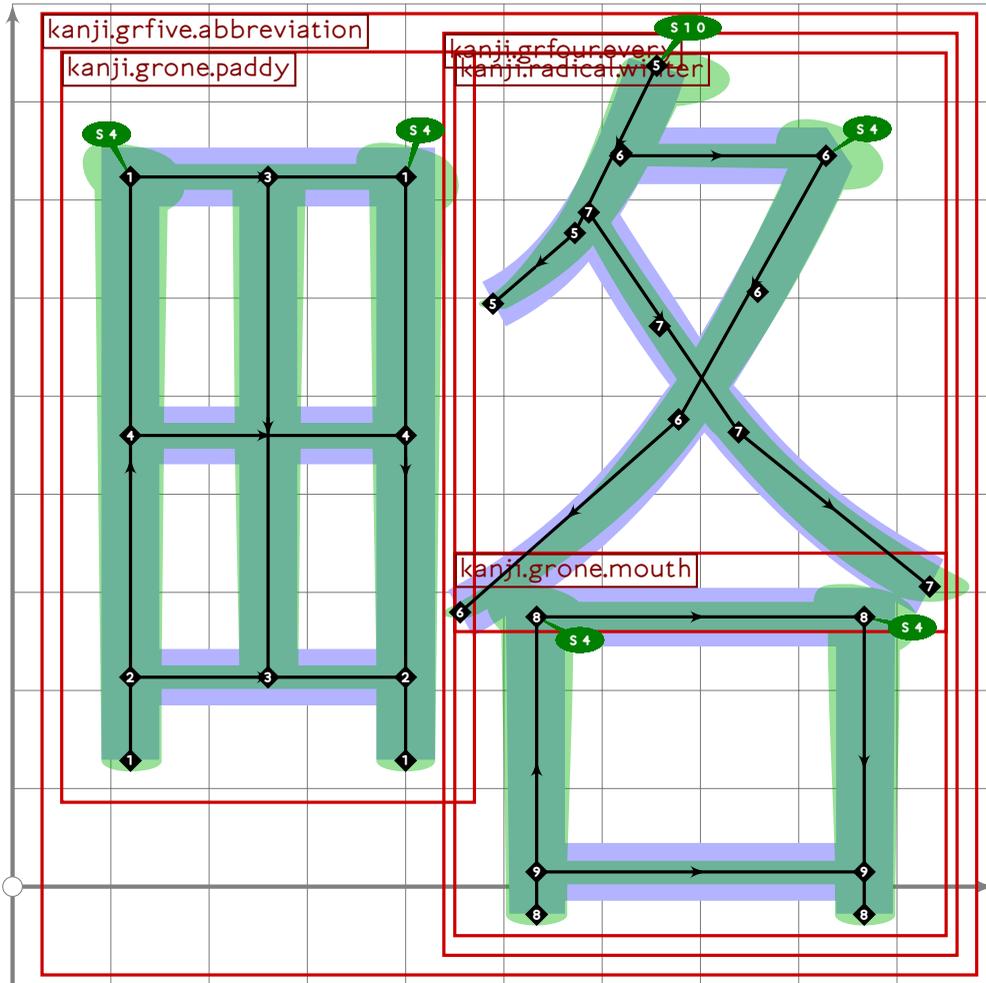
```
89
90 vardef kanji.grthree.ill =
91   push_pbox_toexpand("kanji.grthree.ill");
92   build_kanji.sickness_enclose(tsu_xform(identity yscaled 0.88)
93     (kanji.greight.third));
94   expand_pbox;
95 enddef;
96
97
```



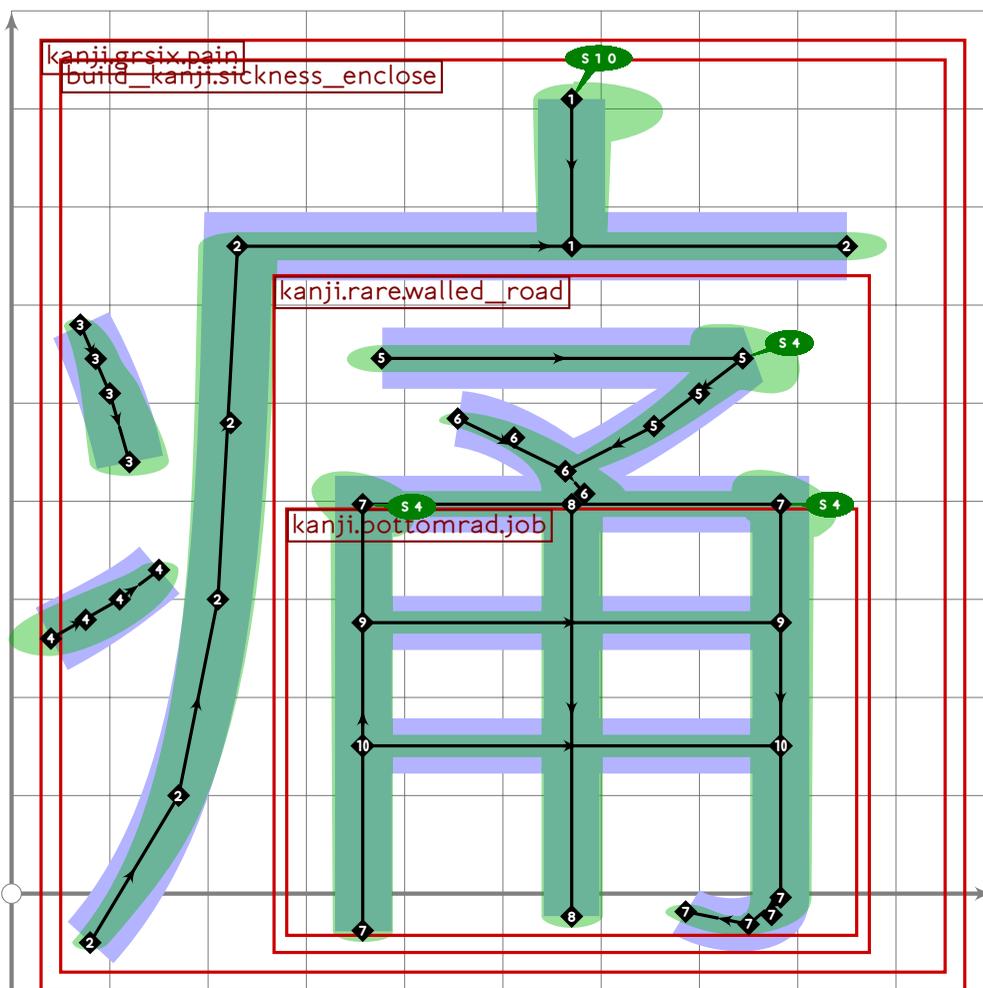
```

98
99 vardef kanji.grfour.give_birth =
100   push_pbox_toexpand("kanji.grfour.give_birth");
101   build_kanji.level(build_kanji.tb(520,80)
102     (kanji.toprad.stand_up;pop_stroke)
103     (build_kanji.cliff_enclose(build_kanji.sscale(shifted (-40,0))
104       (kanji.grone.life))));
105   expand_pbox;
106 enddef;
107
108

```



```
109
110 vardef kanji.grfive.abbreviation =
111   push_pbox_toexpand("kanji.grfive.abbreviation");
112   build_kanji.level(build_kanji.lr(460,20)
113     (build_kanji.sscale(yscaled 0.85 shifted (0,70))(kanji.grone.paddy))
114     (kanji.grfour.every));
115   expand_pbox;
116 enddef;
117
118
```



```

119
120 vardef kanji.grsix.pain =
121   push_pbox_toexpand("kanji.grsix.pain");
122   build_kanji.sickness_enclose(kanji.rarewalled_road);
123   expand_pbox;
124 enddef;
125
126
127
128 vardef build_kanji.sickness_enclose(text contents) =
129   push_pbox_toexpand("build_kanji.sickness_enclose");
130   perl_structure:=perl_structure&"eids.u2FF8.u7592.2_";
131   push_stroke((570,810)-(570,660),
132     (1.6,1.6)-(1.5,1.5));
133   set_boserif(0,0,10);
134   push_stroke(
135     (80,-50)..(170,100)..(210,300)..tension 1.2..(230,660)-(850,660),
136     (1,1)-(1.3,1.3)-(1.5,1.5)-(1.6,1.6)-(1.6,1.6));
137   set_botip(0,3,1);
138   push_stroke((70,580)..tension 1.2..(100,510)..(120,440),
139     (1,1)-(1.4,1.4)-(1.6,1.6));

```

```

140 push_stroke((40,260)..tension 1.2..(110,300)..(150,330),
141   (1.7,1.7)-(1.5,1.5)-(1.1,1.1));
142 begingroup
143   save t;
144   transform t;
145   (50,-50) transformed t=(280,-60);
146   (500,-50) transformed t=(570,-60);
147   (500,850) transformed t=(570,630);
148   tsu_xform(t)(contents);
149 endgroup;
150 expand_pbox;
151 enddef;

```

152

153

---

154

```

155 % kan/ama "sweet"
156 begintsuglyph("uni7518";24); [see page 978]
157   kanji.greight.sweet;
158   tsu_render;
159 endtsuglyph;

```

160

```

161 % sei/ki "life"
162 begintsuglyph("uni751F";31); [see page 453]
163   kanji.grone.life;
164   tsu_render;
165 endtsuglyph;

```

166

```

167 % san/u "give birth"
168 begintsuglyph("uni7523";35); [see page 3527]
169   kanji.grfour.give_birth;
170   tsu_render;
171 endtsuglyph;

```

172

```

173 % you/mochi "job"
174 begintsuglyph("uni7528";40); [see page 537]
175   kanji.grtwo.job;
176   tsu_render;
177 endtsuglyph;

```

178

```

179 % you "walled road"
180 begintsuglyph("uni752C";44); [see page 1104]
181   kanji.rarewalled_road;
182   tsu_render;
183 endtsuglyph;

```

184

```

185 % ta "rice paddy"
186 begintsuglyph("uni7530";48); [see page 465]
187   kanji.grone.paddy;

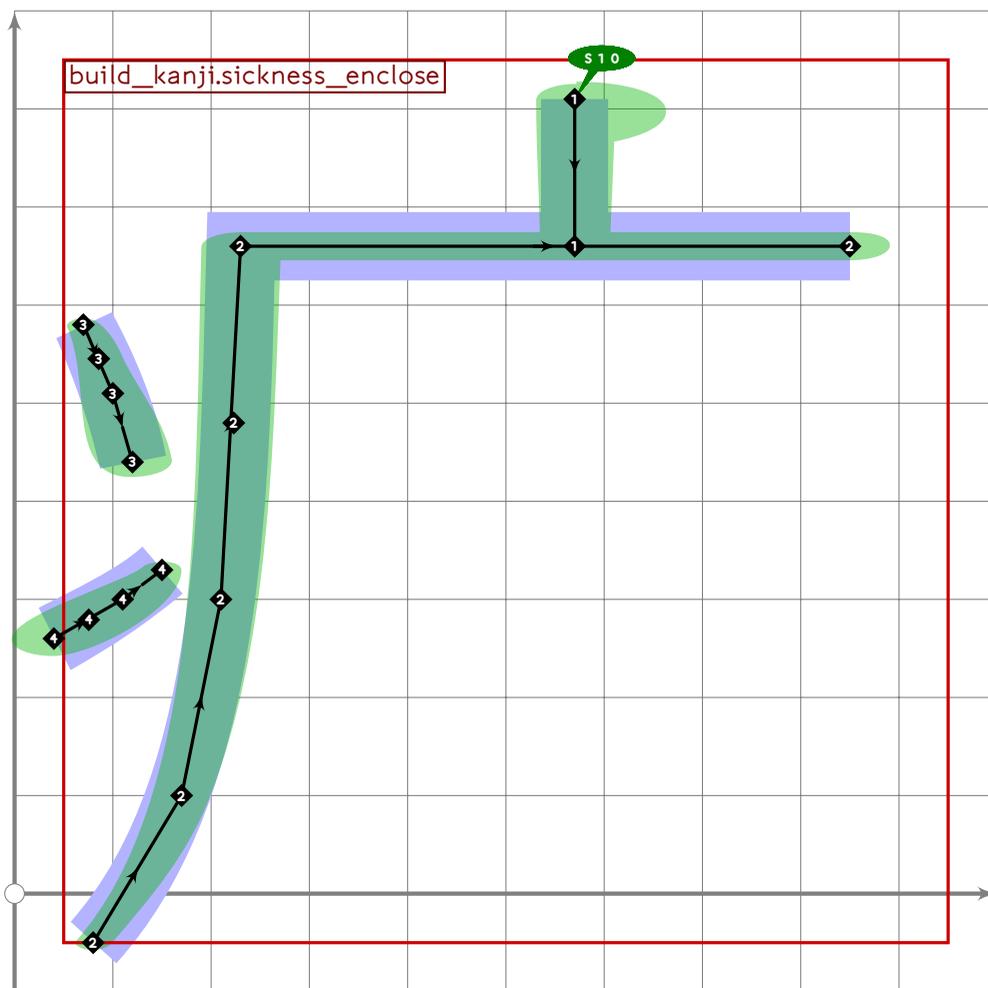
```

188 tsu\_render;  
189 endtsuglyph;  
190  
191 % yu/yoshi "reason" or "cause"  
192 begintsuglyph("uni7531";49); [see page 666]  
193 kanji.grthree.reason;  
194 tsu\_render;  
195 endtsuglyph;  
196  
197 % shin/mou "have the honour to," "monkey zodiac sign," etc.  
198 begintsuglyph("uni7533";51); [see page 638]  
199 kanji.grthree.have\_honour;  
200 tsu\_render;  
201 endtsuglyph;  
202  
203 % otoko "man"  
204 begintsuglyph("uni7537";55); [see page 455]  
205 kanji.grone.man;  
206 tsu\_render;  
207 endtsuglyph;  
208  
209 % chuu/machi "town"  
210 begintsuglyph("uni753A";58); [see page 3523]  
211 kanji.grone.town;  
212 tsu\_render;  
213 endtsuglyph;  
214  
215 % ga/ega "brush stroke" (or "picture" but that is reserved)  
216 begintsuglyph("uni753B";59); [see page 3524]  
217 kanji.grtwo.brush\_stroke;  
218 tsu\_render;  
219 endtsuglyph;  
220  
221 % kai "realm" (actually "world" but that is a collision)  
222 begintsuglyph("uni754C";76); [see page 665]  
223 kanji.grthree.realm;  
224 tsu\_render;  
225 endtsuglyph;  
226  
227 % fuku "roll of cloth"  
228 begintsuglyph("uni7550";80); [see page 1088]  
229 kanji.rare.roll\_of\_cloth;  
230 tsu\_render;  
231 endtsuglyph;  
232  
233 % hata "farm"  
234 begintsuglyph("uni7551";81); [see page 3525]  
235 kanji.grthree.farm;

```

236 tsu_render;
237 endtsuglyph;
238
239 % ryuu/to "detain"
240 begintsuglyph("uni7559";89); [see page 774]
241 kanji.grfive.detain;
242 tsu_render;
243 endtsuglyph;
244
245 % ryaku/hobo "abbreviation"
246 begintsuglyph("uni7565";101); [see page 3528]
247 kanji.grfive.abbreviation;
248 tsu_render;
249 endtsuglyph;
250
251 % ban/tsuga "ordinal number"
252 begintsuglyph("uni756A";106); [see page 561]
253 kanji.grtwo.ordinal;
254 tsu_render;
255 endtsuglyph;
256
257 % hiki/ashi "head" (counter for animals)
258 begintsuglyph("uni758B";139); [see page 989]
259 kanji.grnine.animal_counter;
260 tsu_render;
261 endtsuglyph;
262

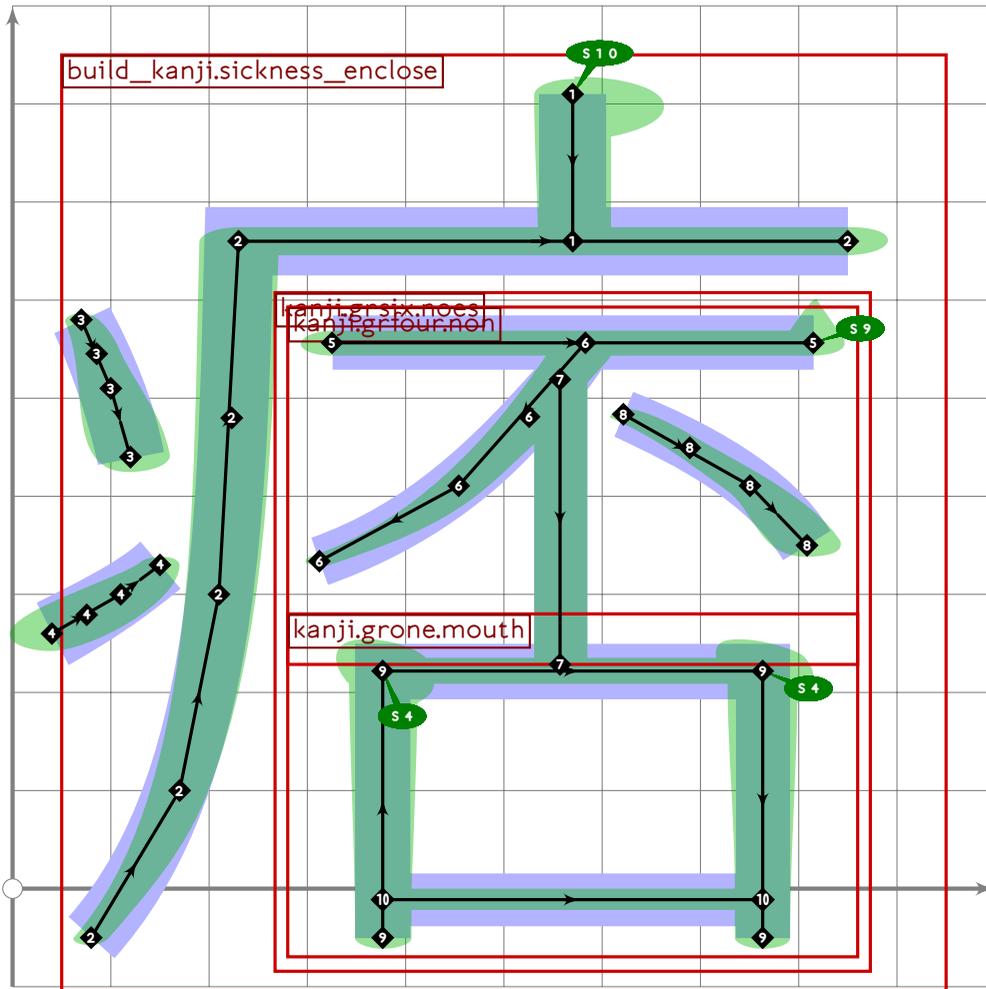
```



```
263 % extra: sickness enclosure radical
264 begintsuglyph("uni7592";146);
265   build_kanji.sickness_enclose();
266   tsu_render;
267 endtsuglyph;
268
269 % byou/ya "ill"
270 begintsuglyph("uni75C5";197);
271   kanji.grthree.ill;
272   tsu_render;
273 endtsuglyph;
274
275 % tsuu/ita "pain"
276 begintsuglyph("uni75DB";219);
277   kanji.grsix.pain;
278   tsu_render;
279 endtsuglyph;
280
```

[see page 3526]

[see page 3529]



```
281 % extra: hi/tsukae "constipation"  
282 begintsuglyph("uni75DE";222);  
283 build_kanji.sickness_enclose(build_kanji.sscale  
284 (yscaled 0.96 shifted (0;-30))  
285 (kanji.grsix.noes));  
286 tsu_render;  
287 endsuglyph;  
288  
289 _____  
290  
291 endfont;  
292  
293 _____
```

# tsuku-76.mp

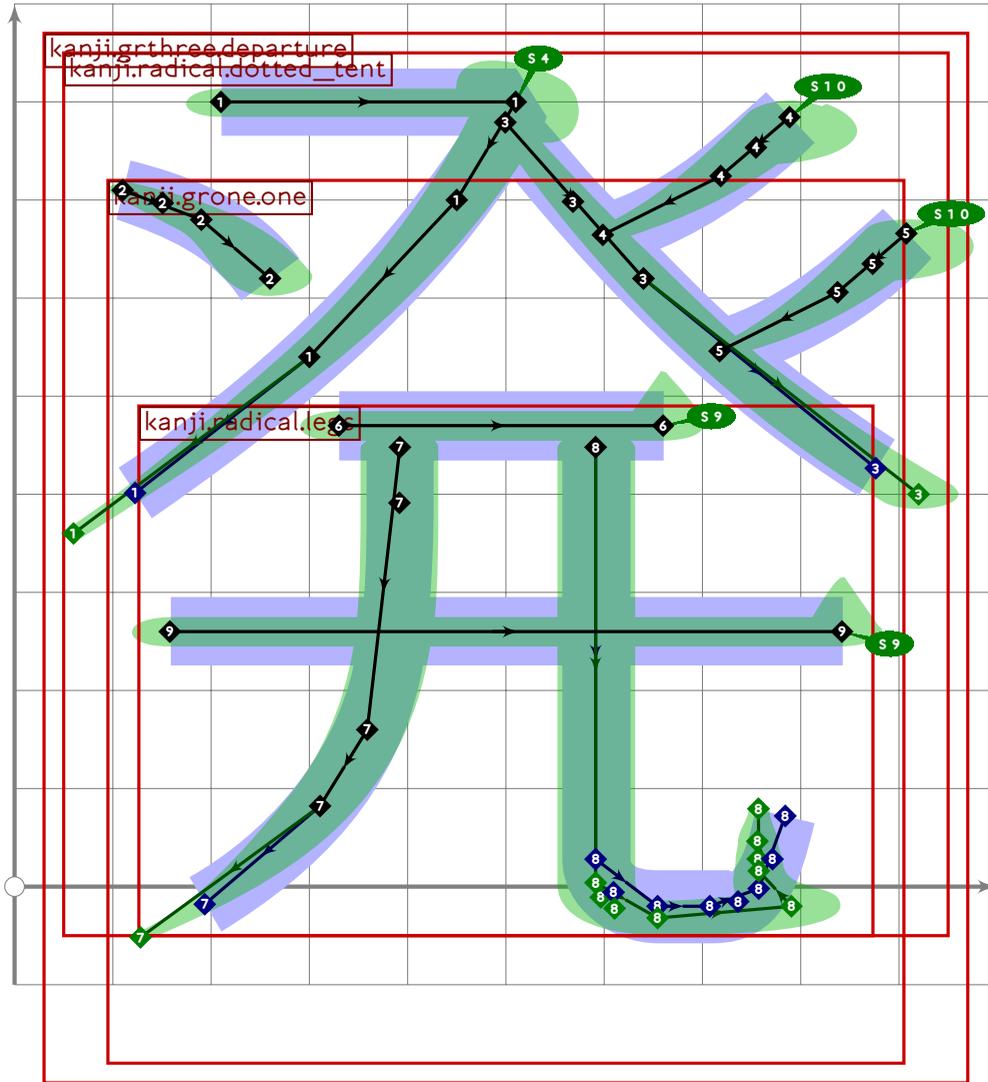
```
1 %
2 % Unicode page 76 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2018, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input rightrad.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54 

---

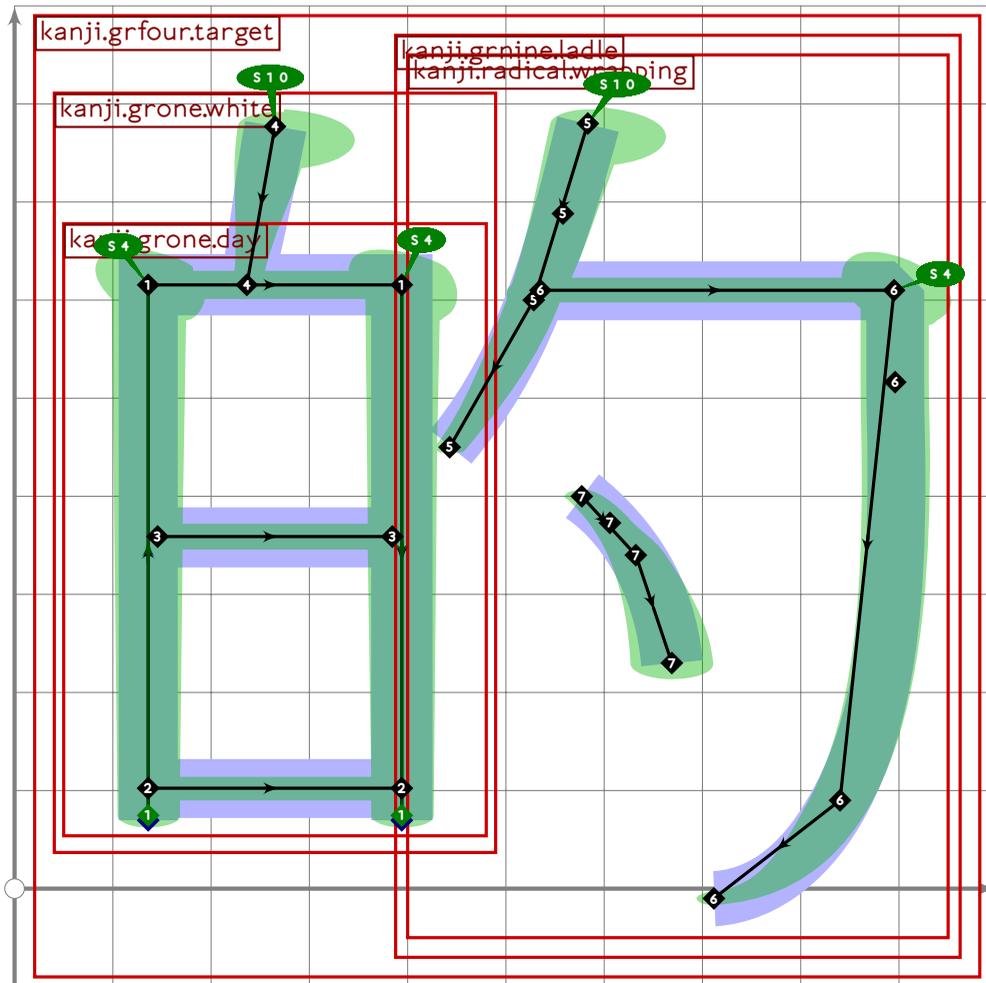

```



```

55
56 vardef kanji.grthree.departure =
57   push_pbox_toexpand("kanji.grthree.departure");
58   build_kanji.level(
59     perl_structure:=perl_structure&"eids.u2FF1.u7676.u2FFB.2_1.3_";
60     kanji.radical.dotted_tent;
61     tsu_xform
62     (identity shifted (-500,50) xyscaled (0.83,0.6) shifted (500,-50))
63     (kanji.radical.legs);
64     build_kanji.sscale(xscaled 0.9 shifted (0,-130))(kanji.grone.one));
65   expand_pbox;
66 enddef;
67
68

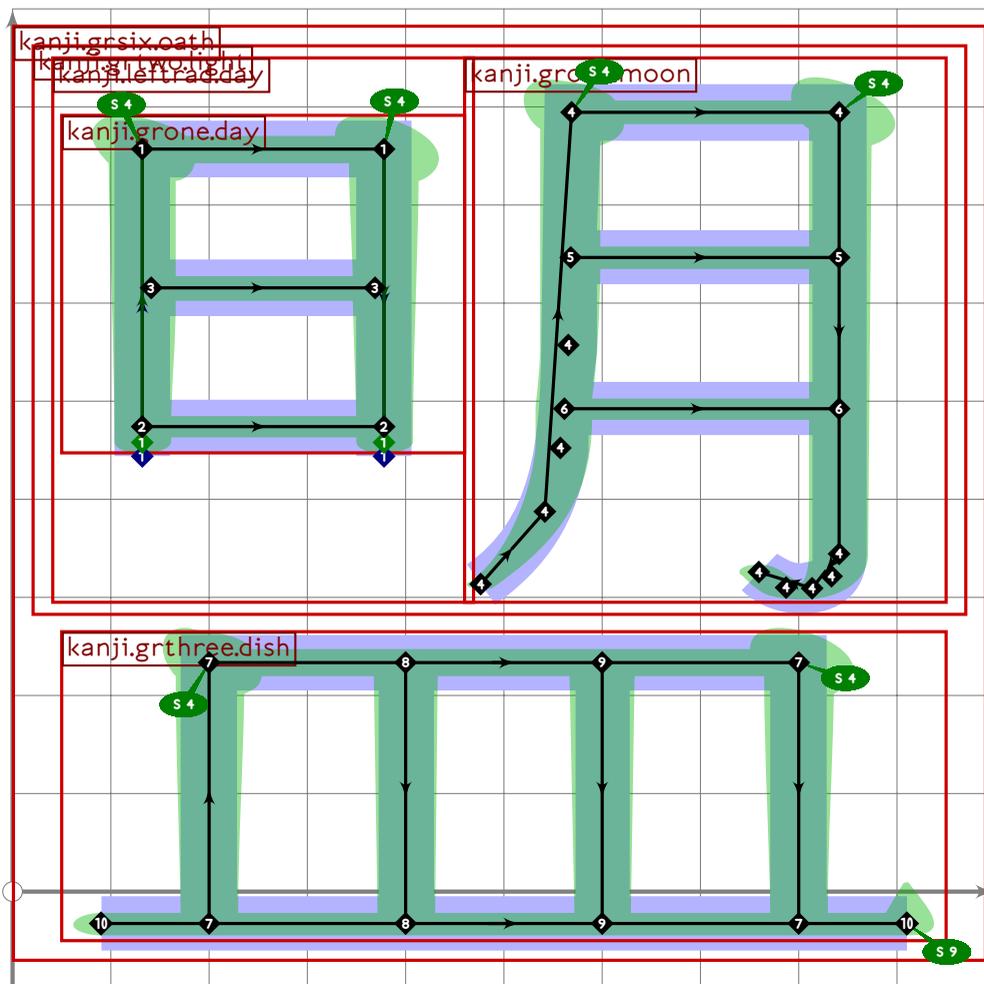
```



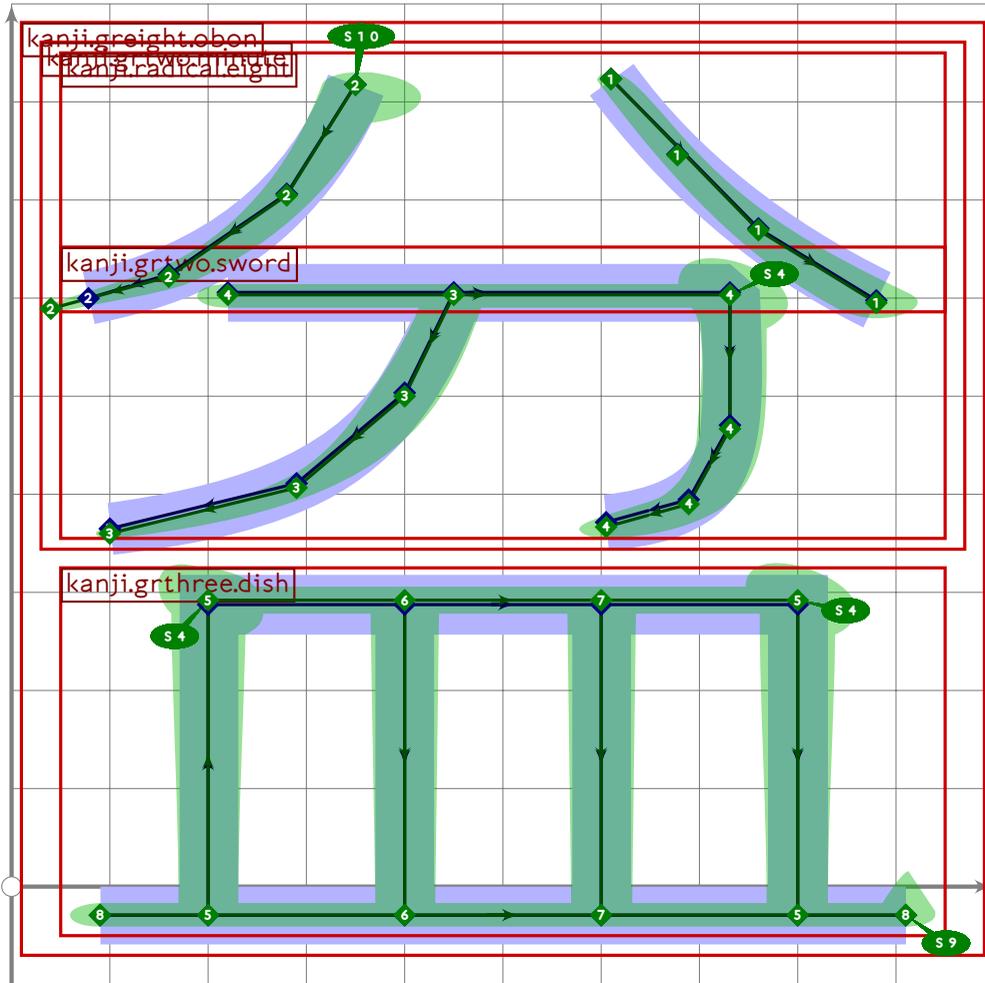
```

69
70 vardef kanji.grfour.target =
71   push_pbox_toexpand("kanji.grfour.target");
72   build_kanji.level(build_kanji.lr(440,80)
73     (build_kanji.sscale(yscaled 0.85 shifted (0,30))
74       (kanji.grone.white))
75     (kanji.grnine.ladle));
76   expand_pbox;
77 enddef;
78
79

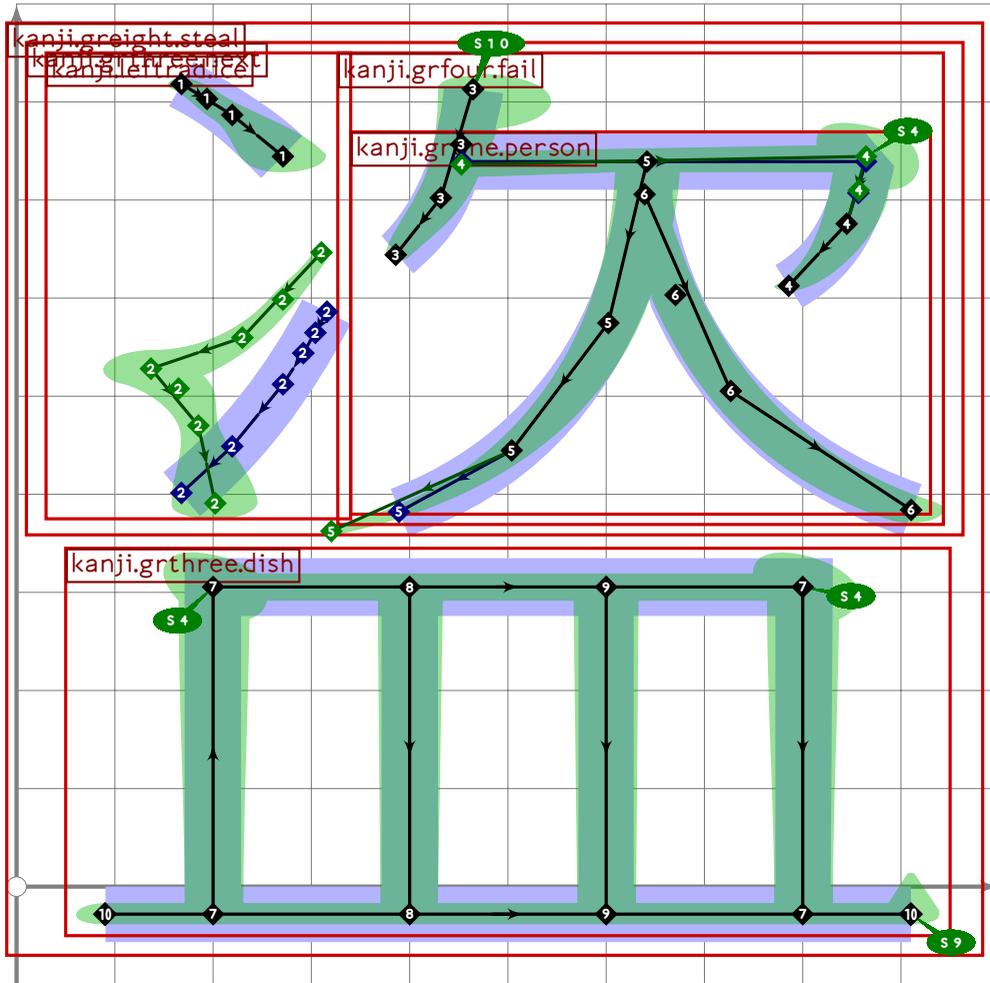
```



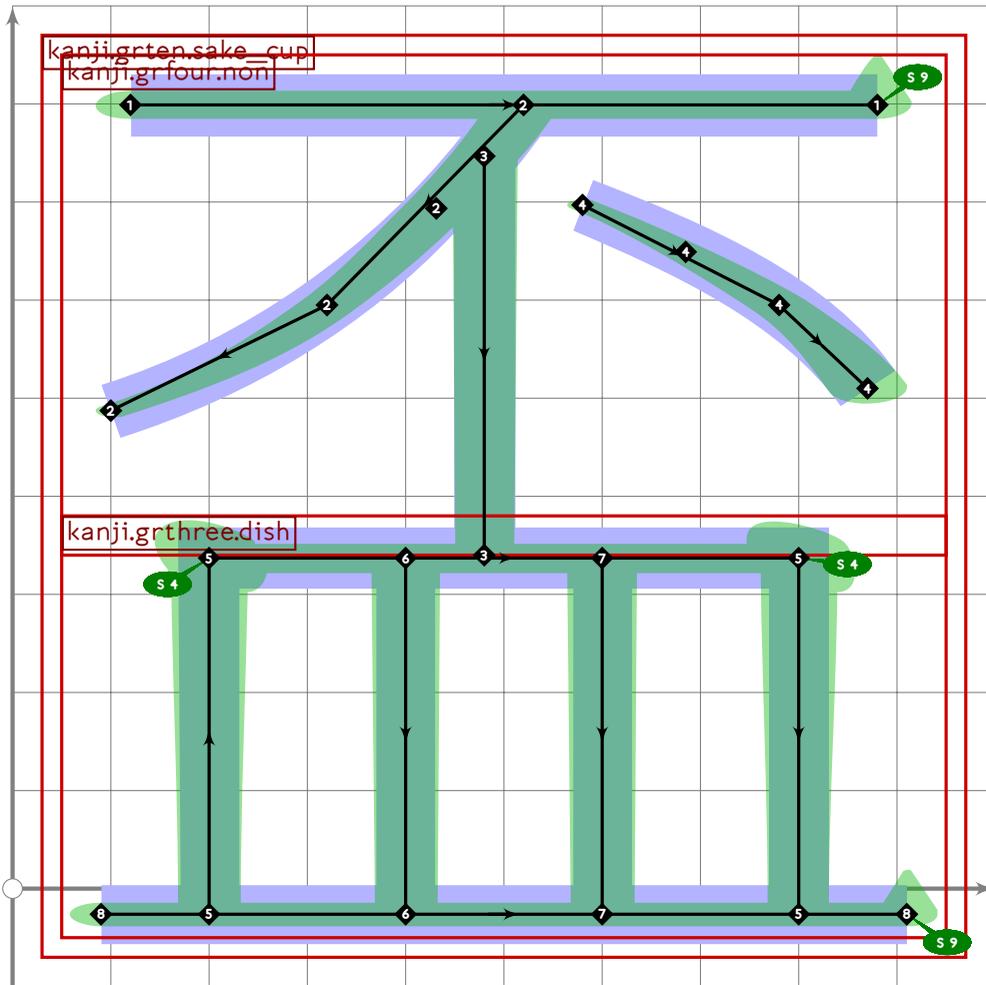
```
80  
81 vardef kanji.grsix.oath =  
82   push_pbox_toexpand("kanji.grsix.oath");  
83   build_kanji.level(build_kanji.tb(280,30)  
84     (kanji.grtwo.light)  
85     (kanji.grthree.dish));  
86   expand_pbox;  
87 enddef;  
88  
89
```



```
90  
91 vardef kanji.greight.obon =  
92   push_pbox_toexpand("kanji.greight.obon");  
93   build_kanji.tb(340-30+10*mincho)  
94     (kanji.grtwo.minute)  
95     (kanji.grthree.dish);  
96   expand_pbox;  
97 enddef;
```



```
98  
99 vardef kanji.greight.steal =  
100   push_pbox_toexpand("kanji.greight.steal");  
101   build_kanji.level(build_kanji.tb(360,-30)  
102     (build_kanji.sscale(shifted (-20,0))(kanji.grthree.next))  
103     (kanji.grthree.dish));  
104   expand_pbox;  
105 enddef;  
106  
107
```



```

108
109 vardef kanji.grten.sake_cup =
110   push_pbox_toexpand("kanji.grten.sake_cup");
111   build_kanji.tb(360,40)
112     (kanji.grfour.non)
113     (kanji.grthree.dish);
114   expand_pbox;
115 enddef;
116
117
118
119 % "dotted tent" radical (macro includes floor inside tent)
120 begintsuglyph("uni7676";118);
121   kanji.radical.dotted_tent;
122   tsu_render;
123 endtsuglyph;
124
125 % hatsu/ta "departure"
126 begintsuglyph("uni767A";122);
127   kanji.grthree.departure;
128   tsu_render;

```

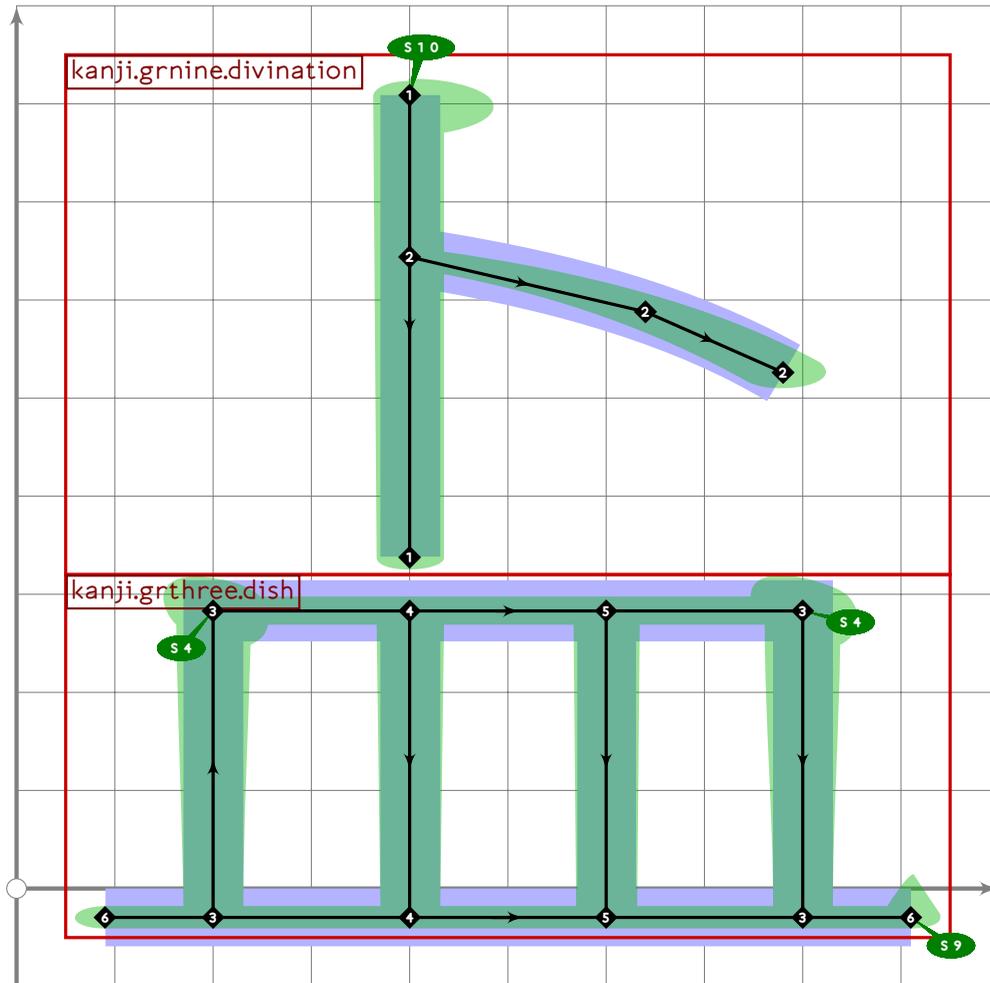
[see page 870]

[see page 3536]

129 endtsuglyph;  
 130  
 131 % tou/nobo "climb"  
 132 begintsuglyph("uni767B";123); [see page 615]  
 133 kanji.grthree.climb;  
 134 tsu\_render;  
 135 endtsuglyph;  
 136  
 137 % shiro "white"  
 138 begintsuglyph("uni767D";125); [see page 490]  
 139 kanji.grone.white;  
 140 tsu\_render;  
 141 endtsuglyph;  
 142  
 143 % hyako/momo "hundred"  
 144 begintsuglyph("uni767E";126); [see page 451]  
 145 kanji.grone.hundred;  
 146 tsu\_render;  
 147 endtsuglyph;  
 148  
 149 % teki/mato "target" and adjective ending  
 150 begintsuglyph("uni7684";132); [see page 3537]  
 151 kanji.grfour.target;  
 152 tsu\_render;  
 153 endtsuglyph;  
 154  
 155 % kai/minna "everybody"  
 156 begintsuglyph("uni7686";134); [see page 937]  
 157 kanji.greight.everybody;  
 158 tsu\_render;  
 159 endtsuglyph;  
 160  
 161 % kou "emperor"  
 162 begintsuglyph("uni7687";135); [see page 825]  
 163 kanji.grsix.emperor;  
 164 tsu\_render;  
 165 endtsuglyph;  
 166  
 167 % hi/kawa "pelt"  
 168 begintsuglyph("uni76AE";174); [see page 659]  
 169 kanji.grthree.pelt;  
 170 tsu\_render;  
 171 endtsuglyph;  
 172  
 173 % bei/sara "dish"  
 174 begintsuglyph("uni76BF";191); [see page 626]  
 175 kanji.grthree.dish;  
 176 tsu\_render;

177 endsuglyph;

178



179 % extra

180 begintsuglyph("uni76C0";192);

181 build\_kanji.tb(320,0)

182 (kanji.grnine.divination)

183 (kanji.grthree.dish);

184 tsu\_render;

185 endsuglyph;

186

187 % hai/sakazuki "sake cup"

188 begintsuglyph("uni76C3";195);

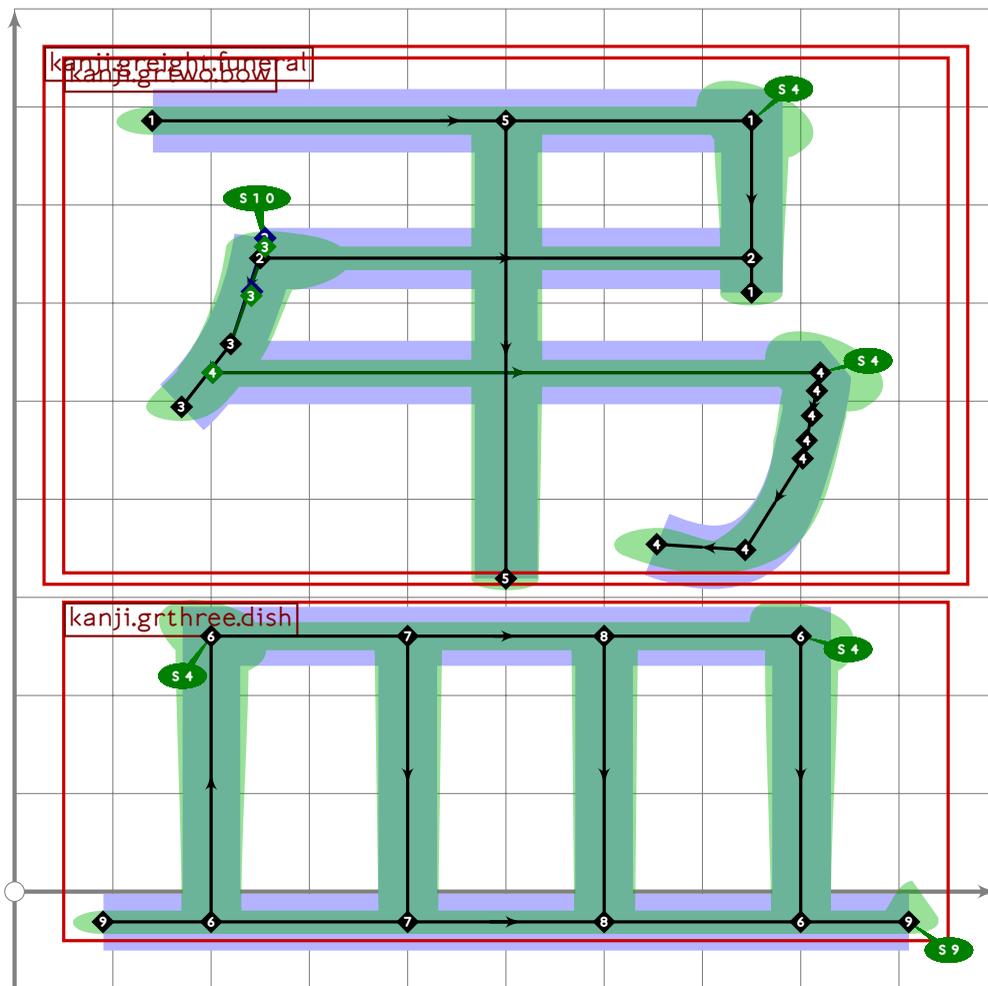
189 kanji.grten.sake\_cup;

190 tsu\_render;

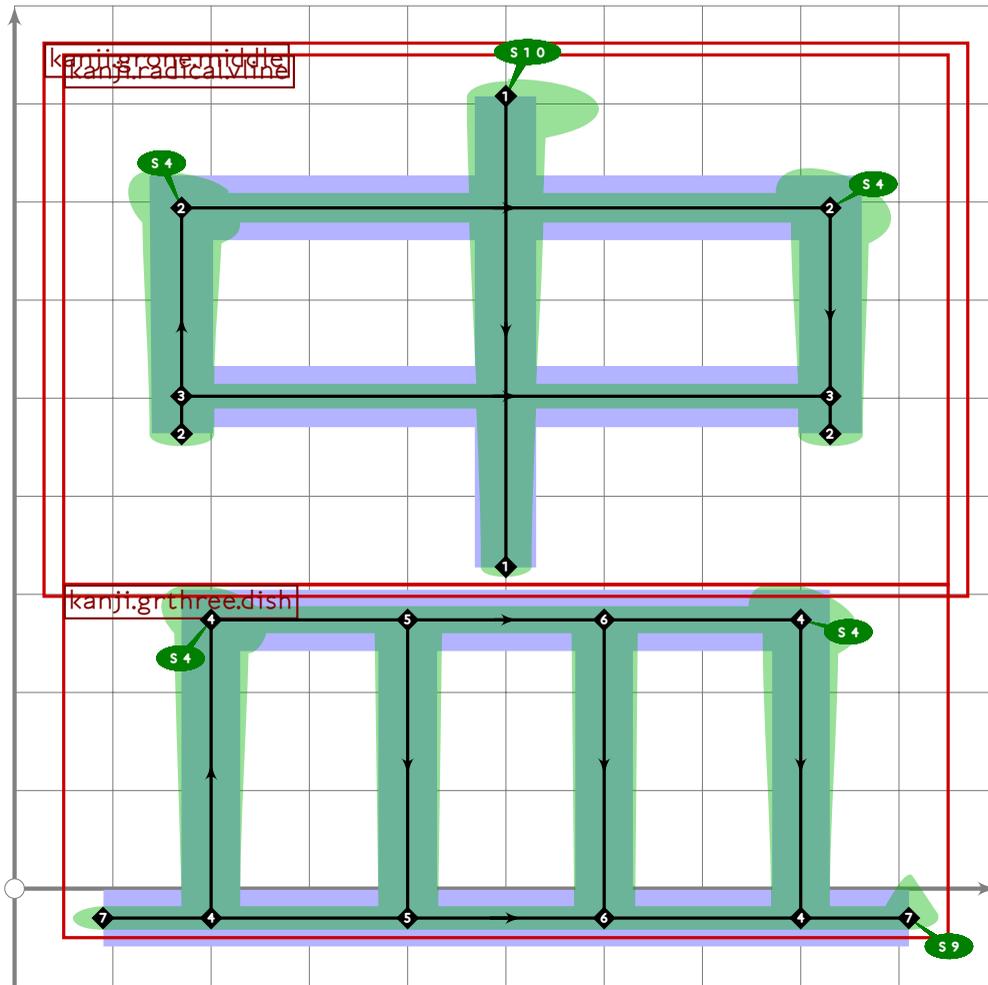
191 endsuglyph;

192

[see page 3541]



```
193 % extra
194 begintsuglyph("uni76C4",196);
195   build_kanji.tb(310;30)
196     (kanji.greight.funeral)
197     (kanji.grthree.dish);
198   tsu_render;
199 endtsuglyph;
200
```

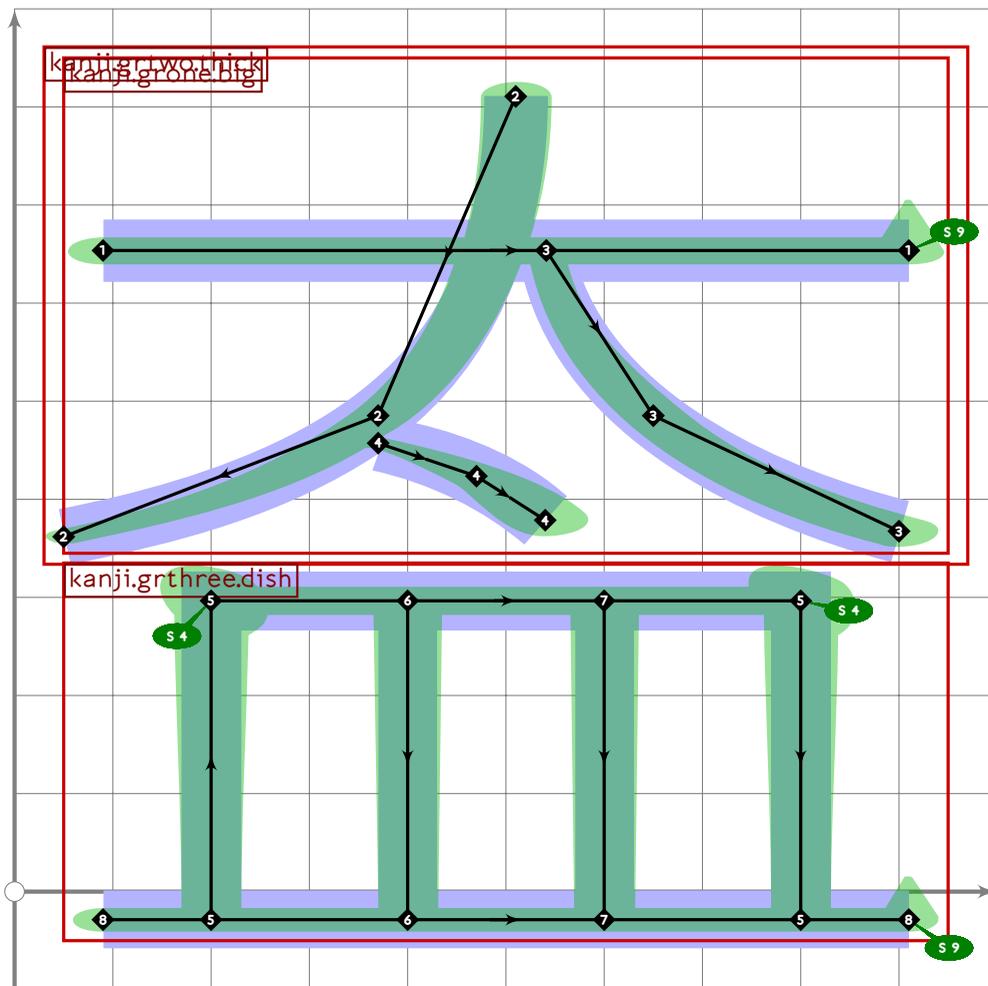


```

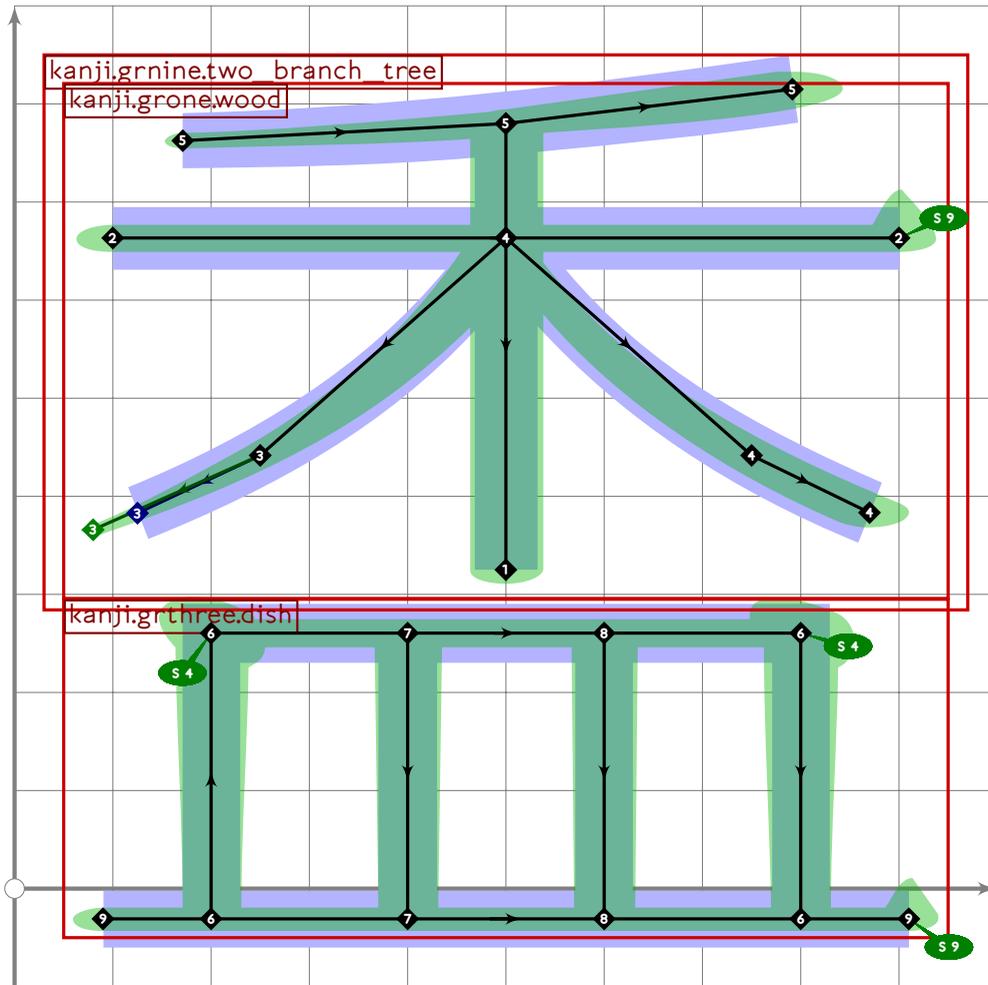
201 % extra: chuu/munashii "small cup"
202 begintsuglyph("uni76C5";197);
203 build_kanji.tb(310,0)
204   (kanji.grone.middle)
205   (kanji.grthree.dish);
206 tsu_render;
207 endsuglyph;
208
209 % bon "bon festival"
210 begintsuglyph("uni76C6";198);
211 kanji.greight.obon;
212 tsu_render;
213 endsuglyph;
214

```

[see page 3539]

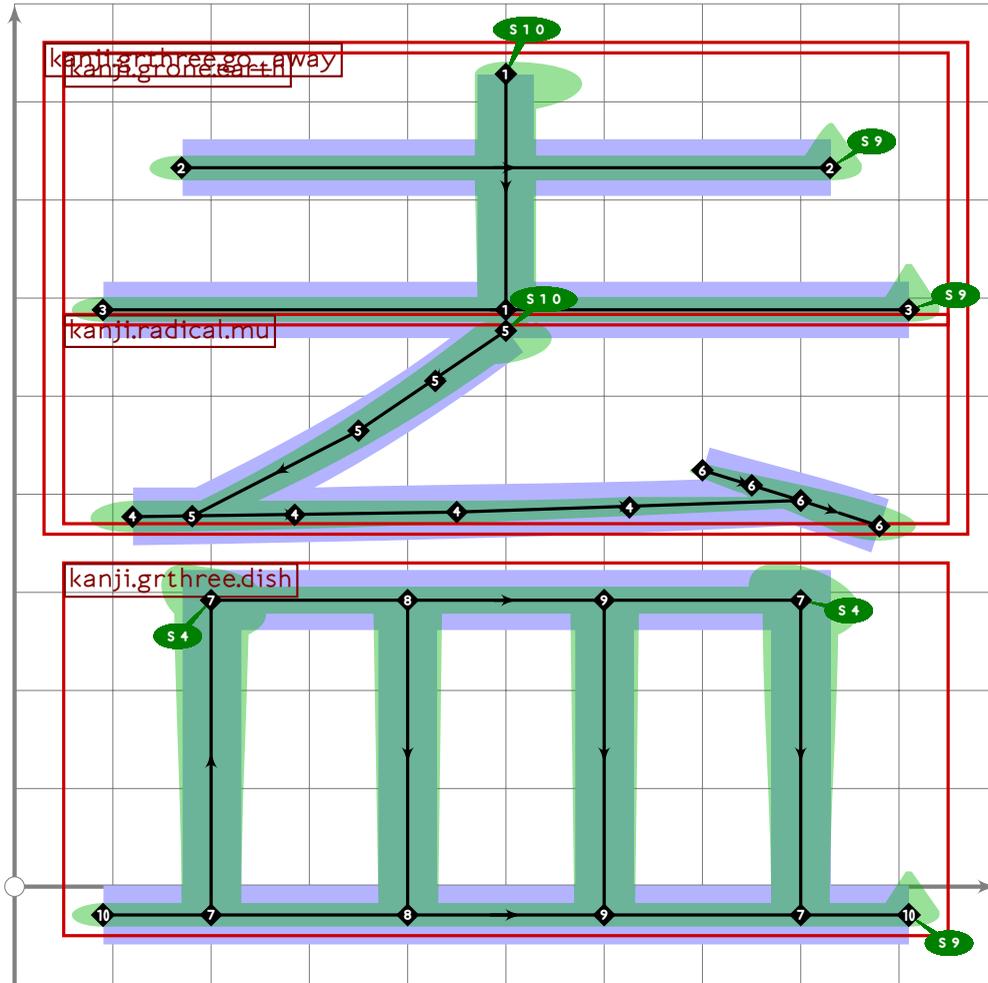


```
215 % extra
216 begintsuglyph("uni76C7",199);
217 build_kanji.tb(340,-10)
218 (kanji.grtwo.thick)
219 (kanji.grthree.dish);
220 tsu_render;
221 endsuglyph;
222
```

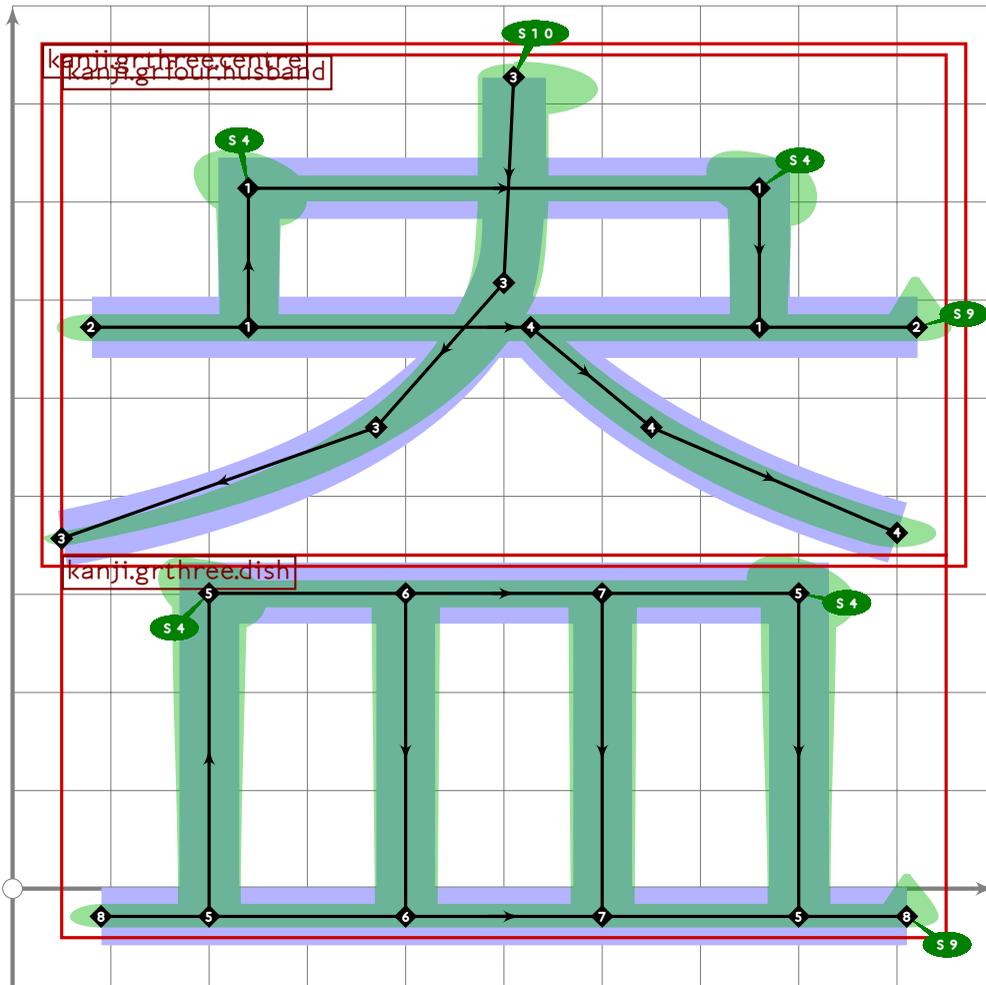


```
223 % extra: ka/totono
224 begintsuglyph("uni76C9";201);
225 build_kanji.tb(310;30)
226 (kanji.grnine.two_branch_tree)
227 (kanji.grthree.dish);
228 tsu_render;
229 endtsuglyph;
230
231 % eki/ma "gain"
232 begintsuglyph("uni76CA";202);
233 kanji.grfive.gain;
234 tsu_render;
235 endtsuglyph;
236
```

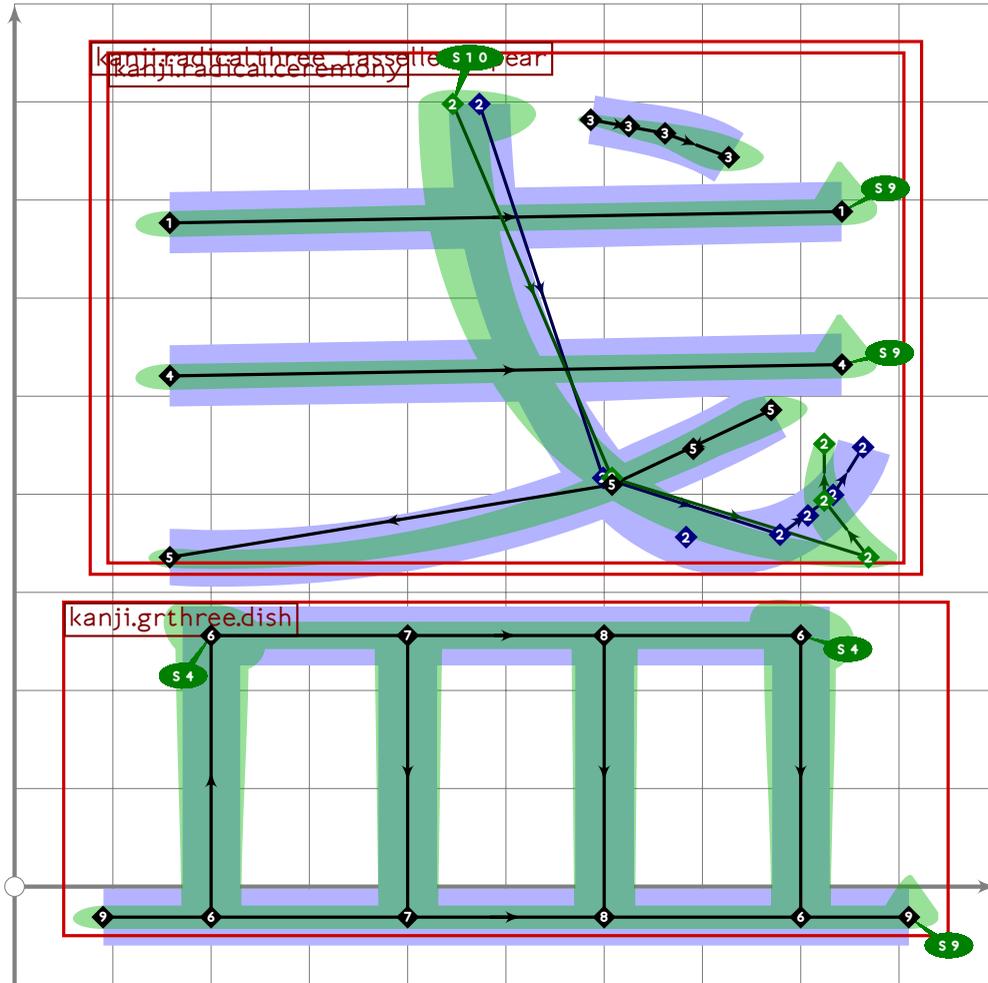
[see page 782]



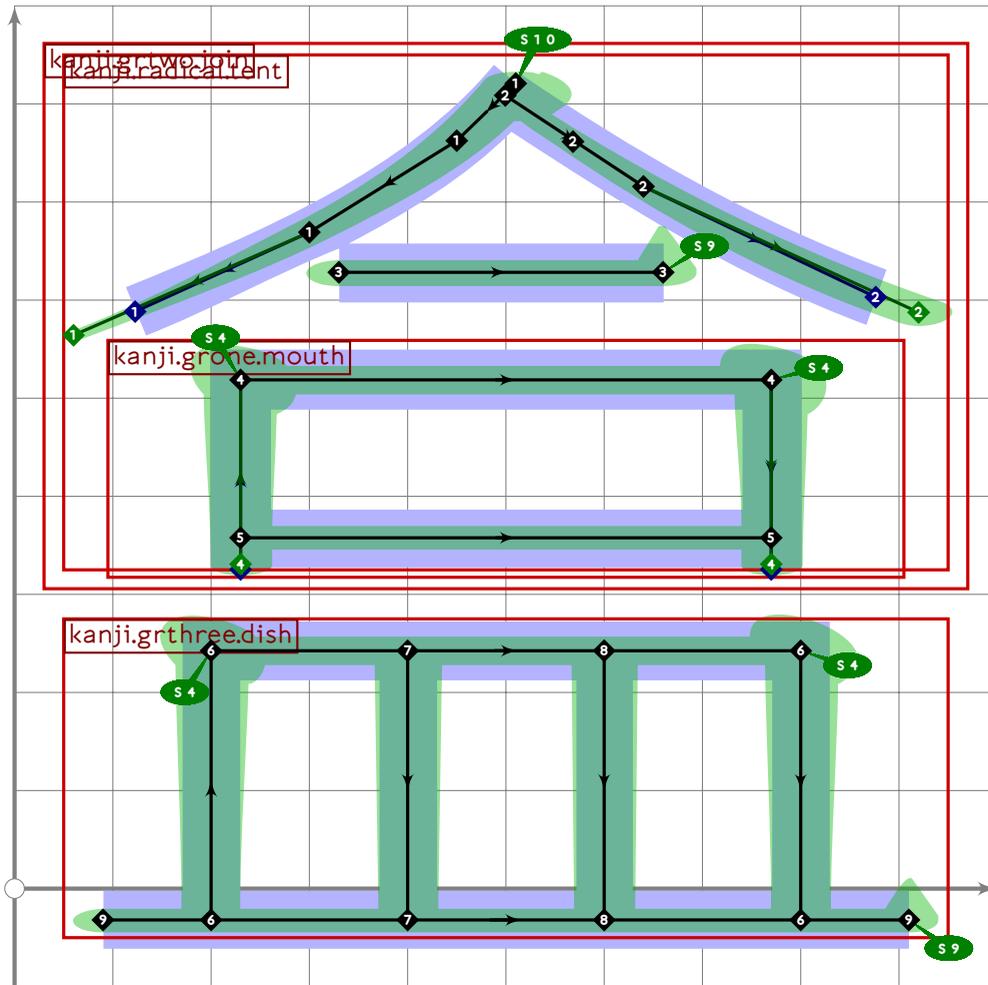
```
237 % extra: kou/ouu "come together"  
238 begintsuglyph("uni76CD";205);  
239 build_kanji.tb(350;40)  
240 (kanji.grthree.go_away)  
241 (kanji.grthree.dish);  
242 tsu_render;  
243 endsuglyph;  
244
```



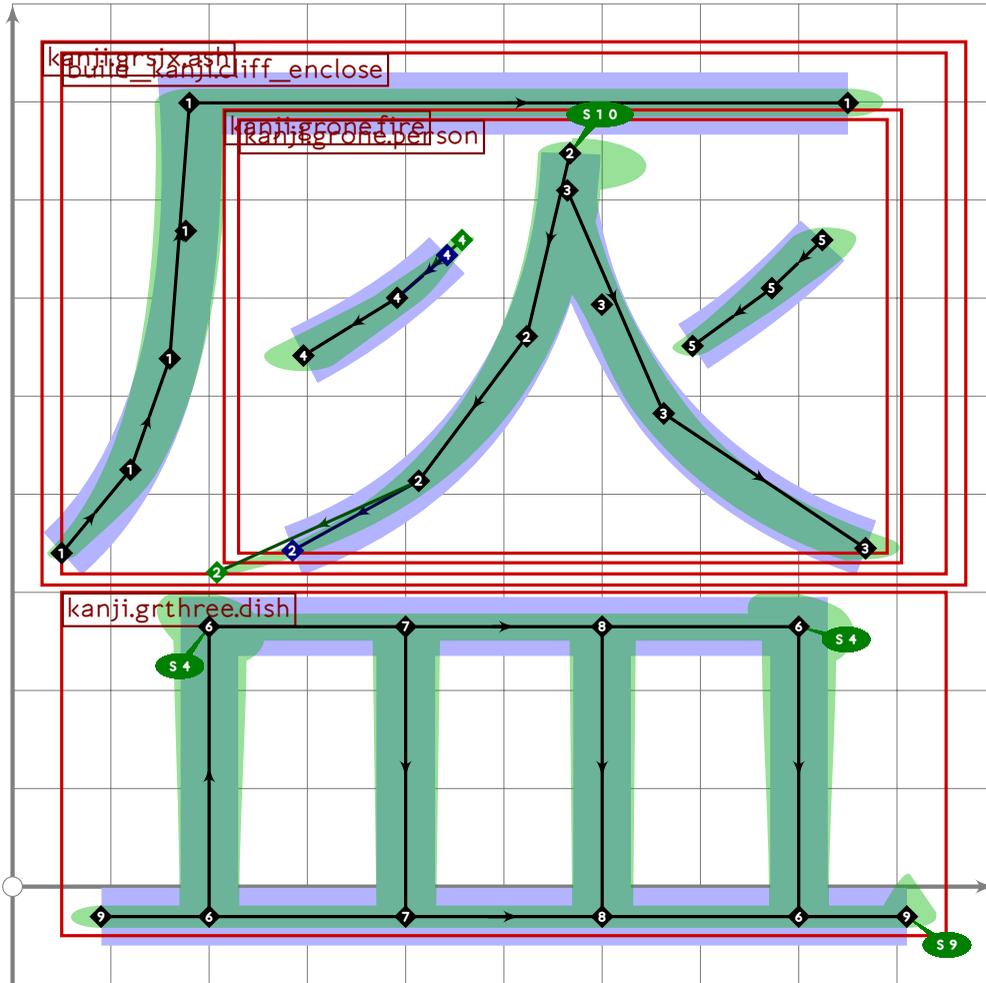
```
245 % extra: ou/hachi "cup"  
246 begintsuglyph("uni76CE",206);  
247 build_kanji.tb(340,0)  
248 (kanji.grthree centre)  
249 (kanji.grthree.dish);  
250 tsu_render;  
251 endsuglyph;  
252
```



```
253 % extra
254 begintsuglyph("uni76CF",207);
255 build_kanji.tb(310;40)
256 (build_kanji.sscale(xscaled 0.9)(kanji.radical.three_tasselled_spear);
257   obstacktype[find_whatsoever(otstroke;-2)]:=otnull;)
258 (kanji.grthree.dish);
259 tsu_render;
260 endtsuglyph;
261
```

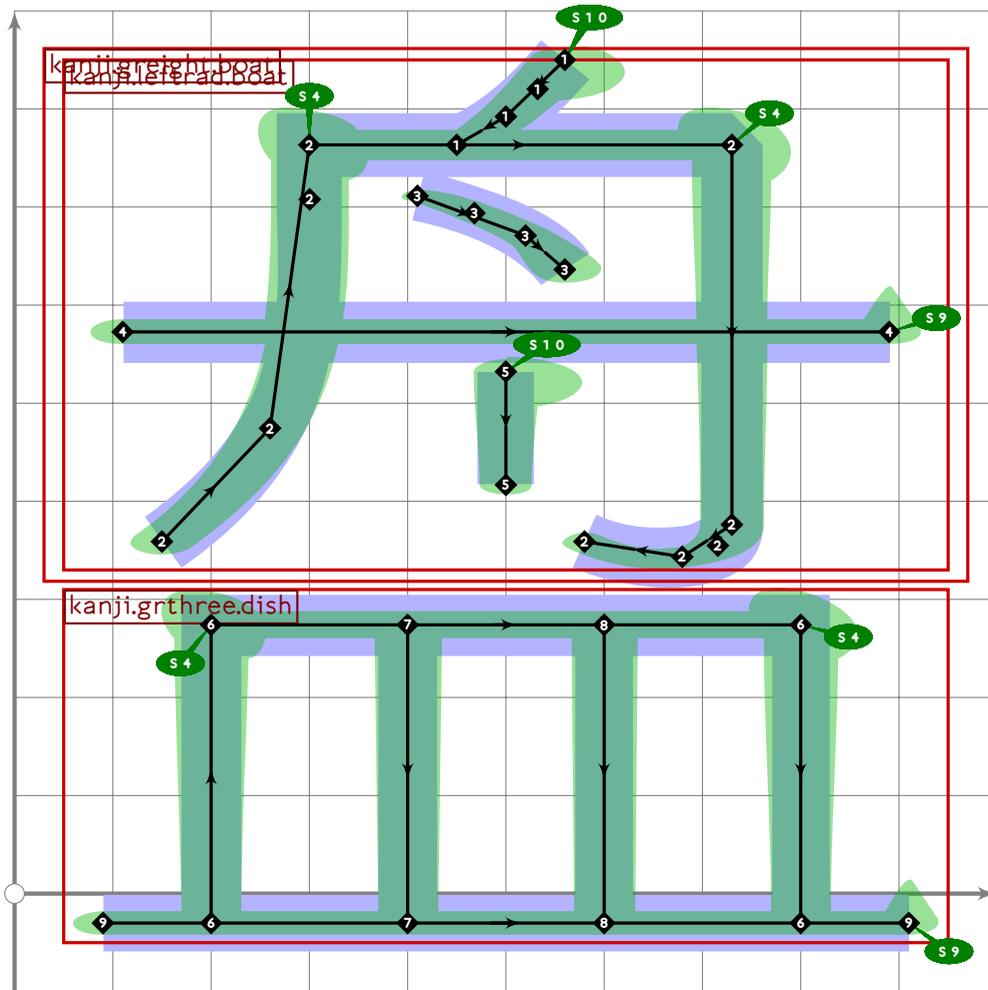


```
262 % extra: kou/sara "covered utensil"  
263 begintsuglyph("uni76D2",210);  
264 build_kanji.tb(300,50)  
265   (kanji.grtwo.join)  
266   (kanji.grthree.dish);  
267   tsu_render;  
268 endsuglyph;  
269
```

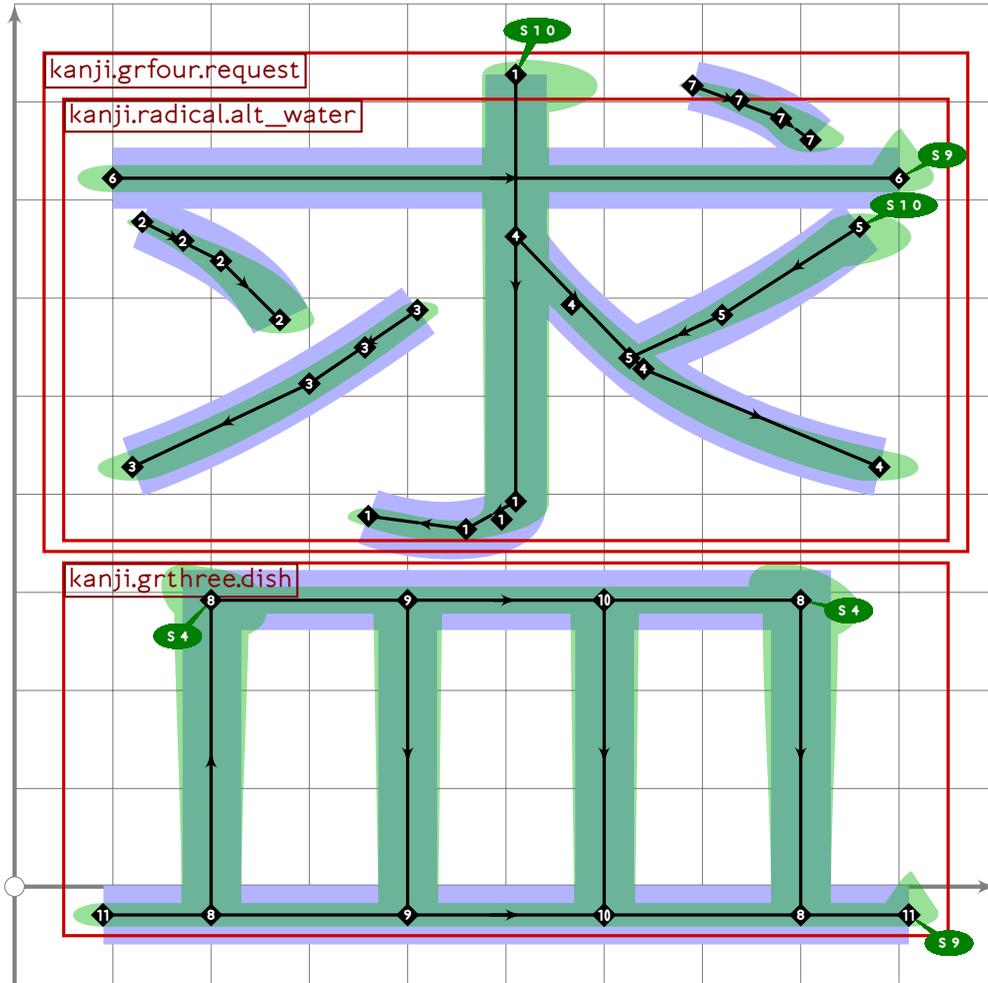


```
270 % extra: kai/hachi "helmet"  
271 begintsuglyph("uni76D4";212);  
272 build_kanji.tb(320,-40)  
273 (kanji.grsix.ash)  
274 (kanji.grthree.dish);  
275 tsu_render;  
276 endtsuglyph;  
277  
278 % dou/nusumu "steal"  
279 begintsuglyph("uni76D7";215);  
280 kanji.greight.steal;  
281 tsu_render;  
282 endtsuglyph;  
283
```

[see page 3540]



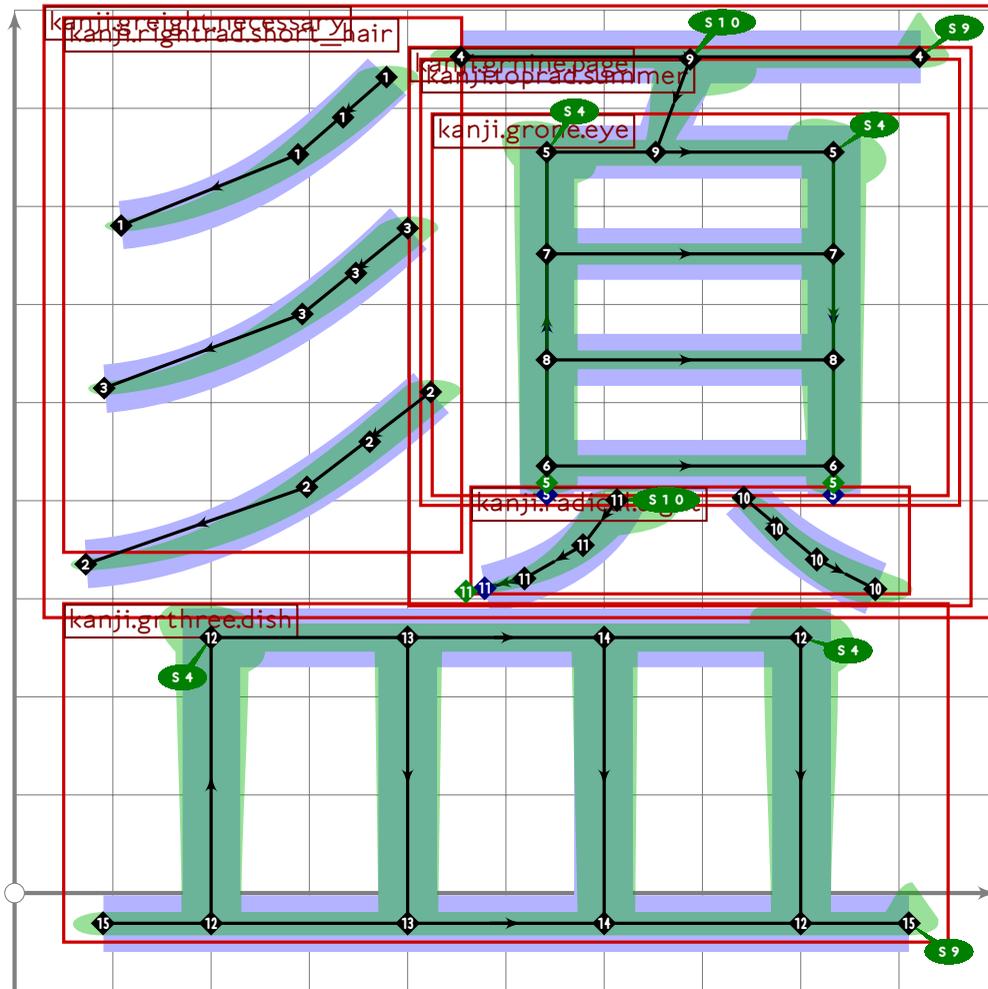
```
284 % extra
285 begintsuglyph("uni76D8",216);
286 build_kanji.tb(320,-20)
287 (kanji.greight.boat)
288 (kanji.grthree.dish);
289 tsu_render;
290 endsuglyph;
291
```



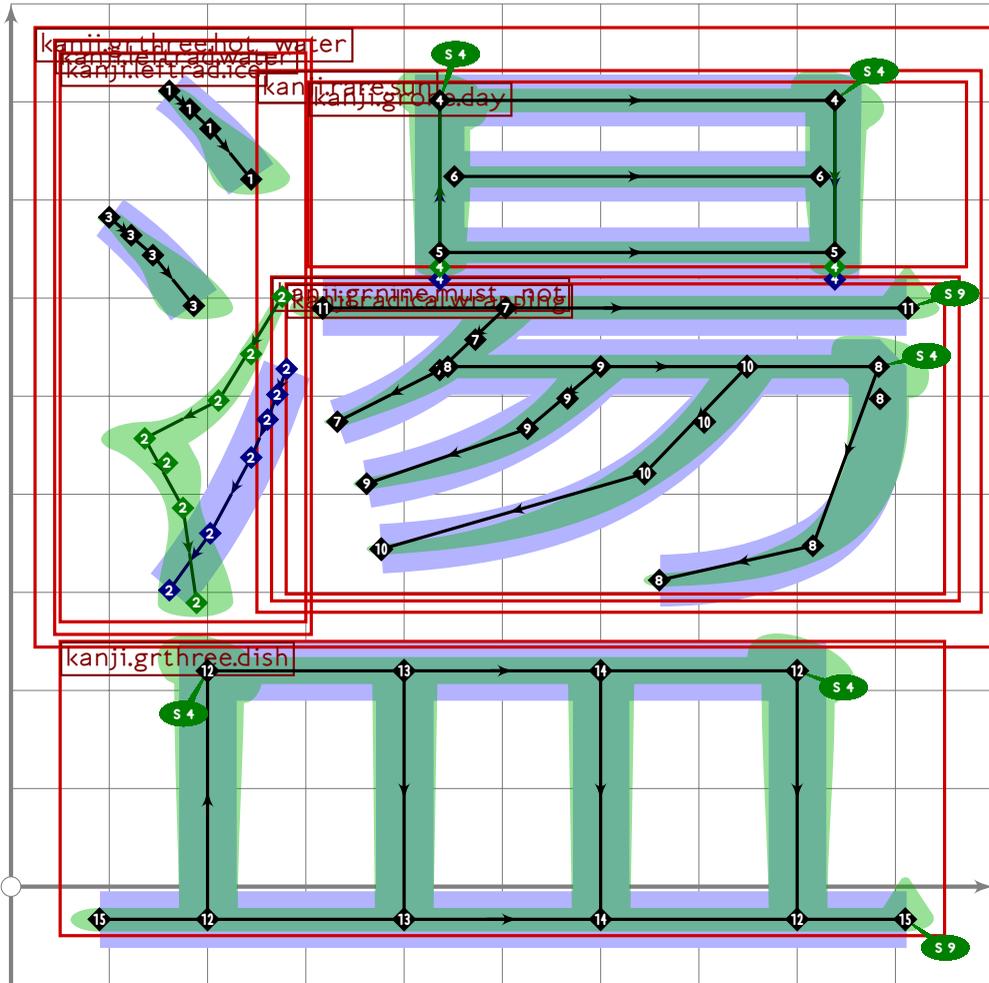
```
292 % extra
293 begintsuglyph("uni76DA";218);
294 build_kanji.tb(340;20)
295   (kanji.grfour.request)
296   (kanji.grthree.dish);
297   tsu_render;
298 endtsuglyph;
299
300 % sei/moru "rise up"
301 begintsuglyph("uni76DB";219);
302   kanji.grsix.rise_up;
303   tsu_render;
304 endtsuglyph;
305
306 % mei "oath"
307 begintsuglyph("uni76DF";223);
308   kanji.grsix.oath;
309   tsu_render;
310 endtsuglyph;
311
```

[see page 835]

[see page 3538]



```
312 % extra: shu/utsuwa
313 begintsuglyph("uni76E8";232);
314 build_kanji.tb(300,-10)
315 (kanji.greight.necessary)
316 (kanji.grthree.dish);
317 tsu_render;
318 endtsuglyph;
319
```



```

320 % extra: tou/toro
321 begintsuglyph("uni76EA";234);
322 build_kanji.tb(260;20)
323 (kanji.grthree.hot_water)
324 (kanji.grthree.dish);
325 tsu_render;
326 endtsuglyph;

```

```

327
328 % moku/me "eye"
329 begintsuglyph("uni76EE";238);
330 kanji.grone.eye;
331 tsu_render;
332 endtsuglyph;

```

[see page 439]

```

333
334 % choku/nao multiple meanings including "straight" and "honesty"
335 % "The 'nao' in Naota is for honesty"
336 begintsuglyph("uni76F4";244);
337 kanji.grtwo.straight;
338 tsu_render;
339 endtsuglyph;

```

[see page 578]

340

341 % sou/ai "mutual" but also "indication seen by fortune teller"

342 begintsuglyph("uni76F8",248);

[see page 622]

343 kanji.grthree.correlation;

344 tsu\_render;

345 endtsuglyph;

346

347

---

348

349 endfont;

350

351

---

# tsuku-77.mp

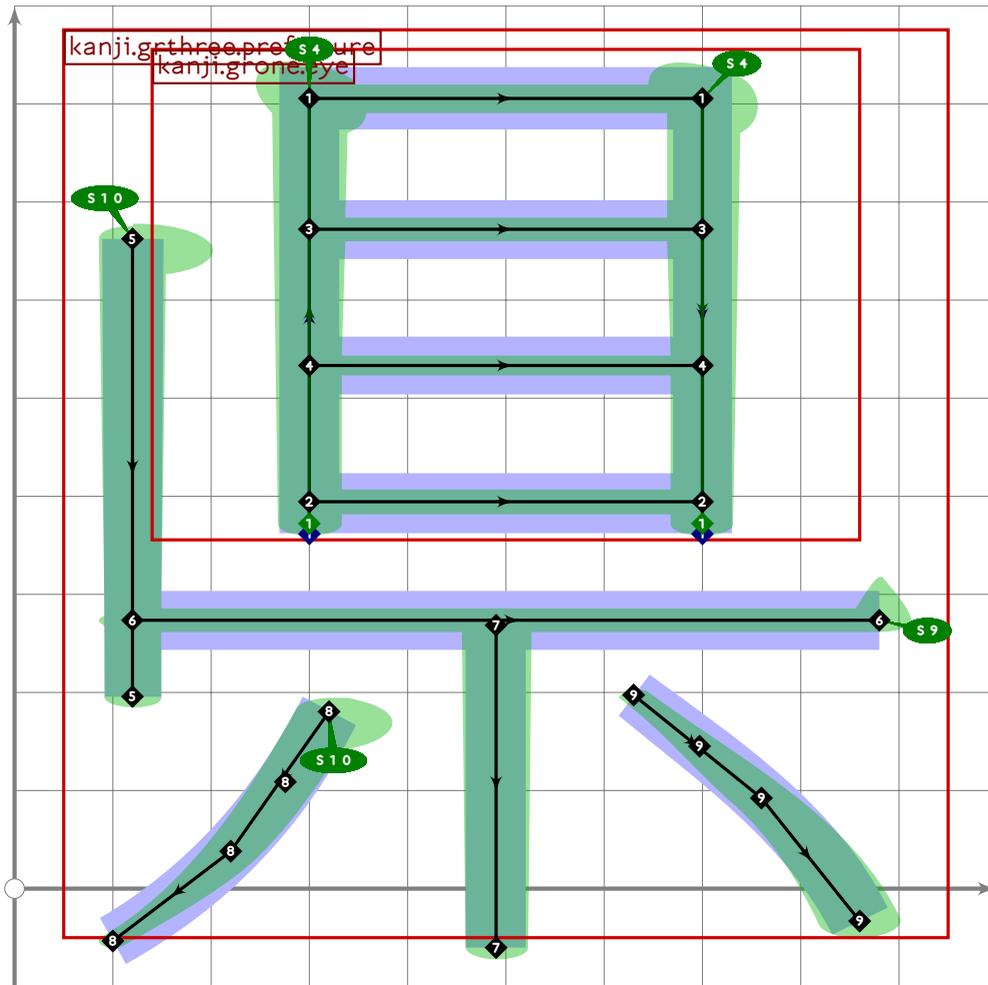
```
1 %
2 % Unicode page 77 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefour.mp;
39 input gradeone.mp;
40 input gradethree.mp;
41 input gradetwo.mp;
42 input leftrad.mp;
43 input radical.mp;
44 input toprad.mp;
45
46 do_late_includes;
47
48 

---

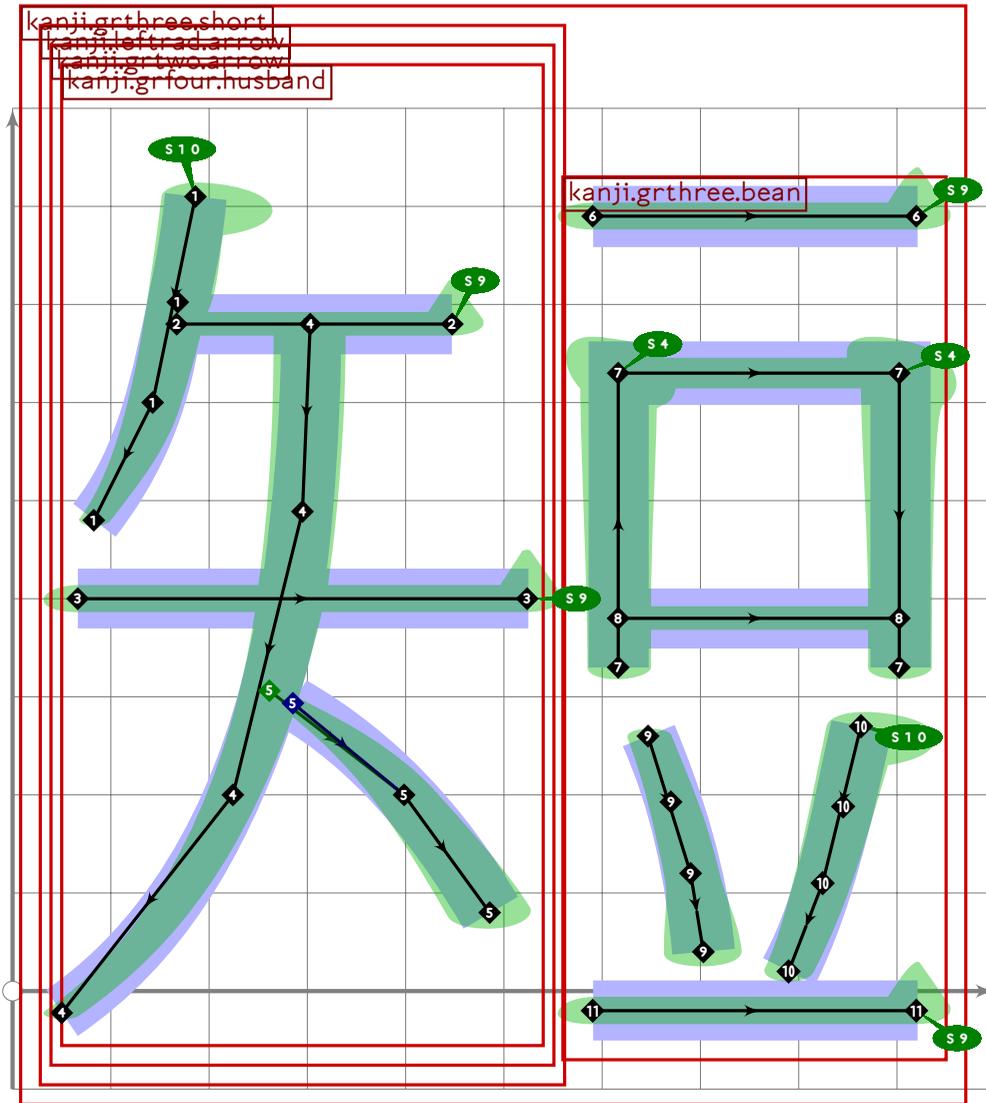

```



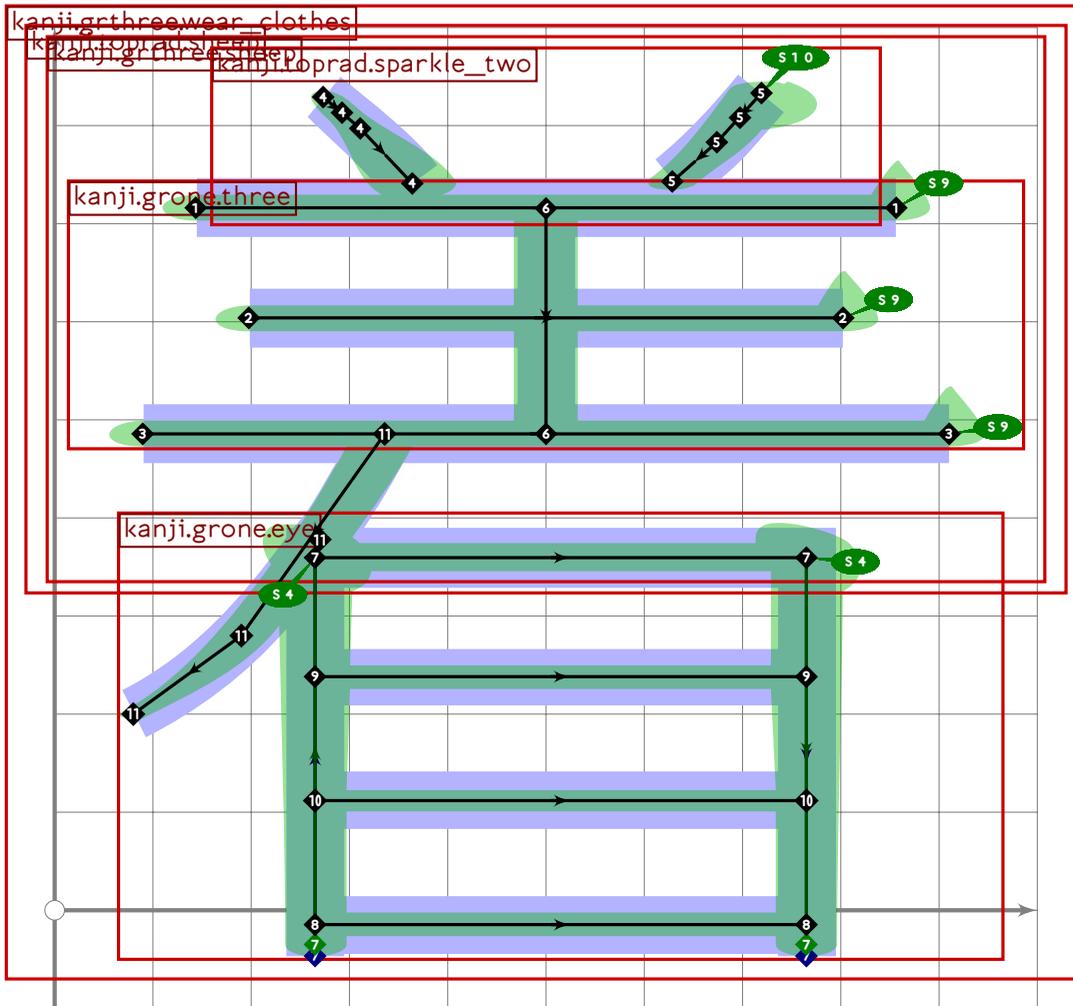
```

49
50 vardef kanji.grthree.prefecture =
51   push_pbox_toexpand("kanji.grthree.prefecture");
52   build_kanji.level(build_kanji.tb(240,30)
53     (build_kanji.scale(scaled 0.80 shifted (0,100))(kanji.grthree.prefecture);
54     build_kanji.cup((120,580),(880,20));
55     set_bosize(-1,0);
56     set_boserif(0,1,9))
57     (push_stroke((490,890)-(490,80),(1.6,1.6)-(1.5,1.5));
58     push_stroke((320,630)..tension 1.3..(220,210)..(100,-60),
59       (1.6,1.6)-(1.5,1.5)-(1,1));
60     set_boserif(0,0,10);
61     push_stroke((630,680)..tension 1.3..(760,370)..(860,0),
62       (1,1)-(1.5,1.5)-(1.8,1.8)))));
63   expand_pbox;
64 enddef;

```



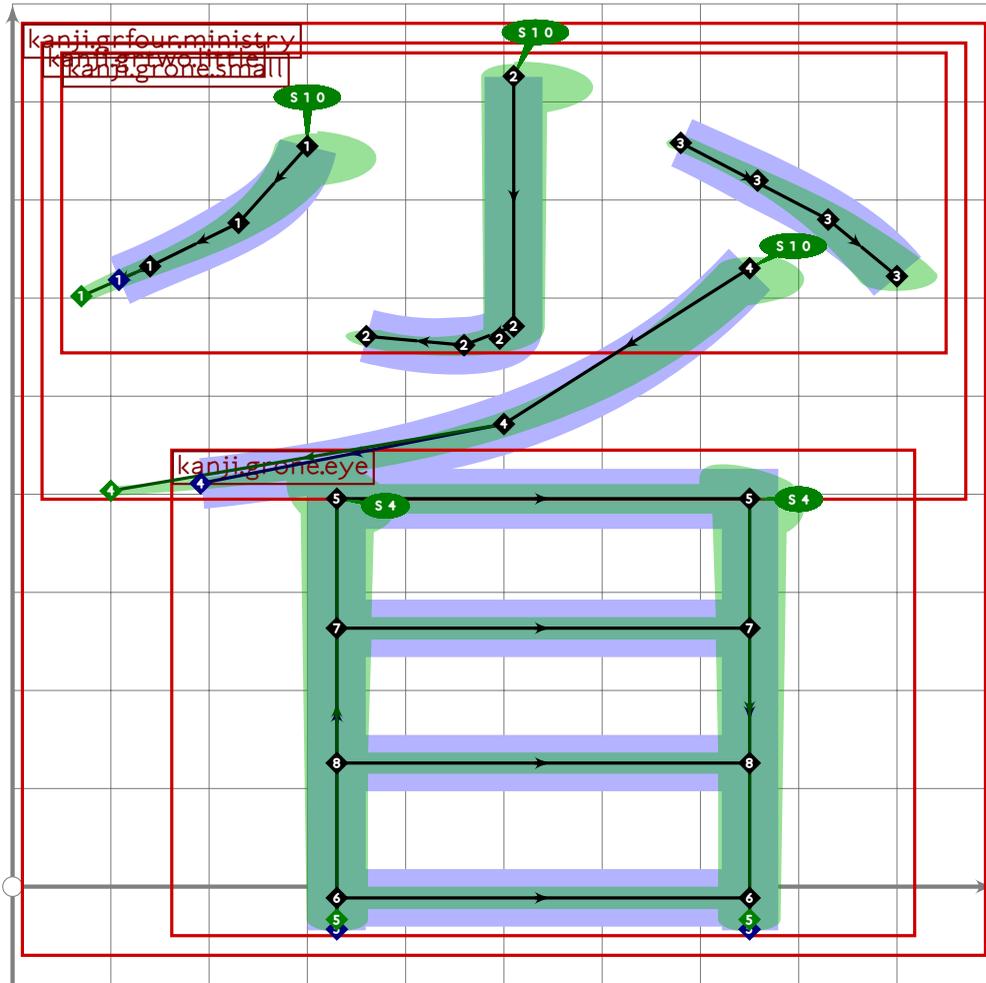
```
65  
66 vardef kanji.grthree.short =  
67   push_pbox_toexpand("kanji.grthree.short");  
68   build_kanji.level(build_kanji.lr(550;20  
69     (kanji.leftrad.arrow  
70     (tsu_xform(identity shifted (0,-20))(kanji.grthree.bean)));  
71   expand_pbox;  
72 enddef;
```



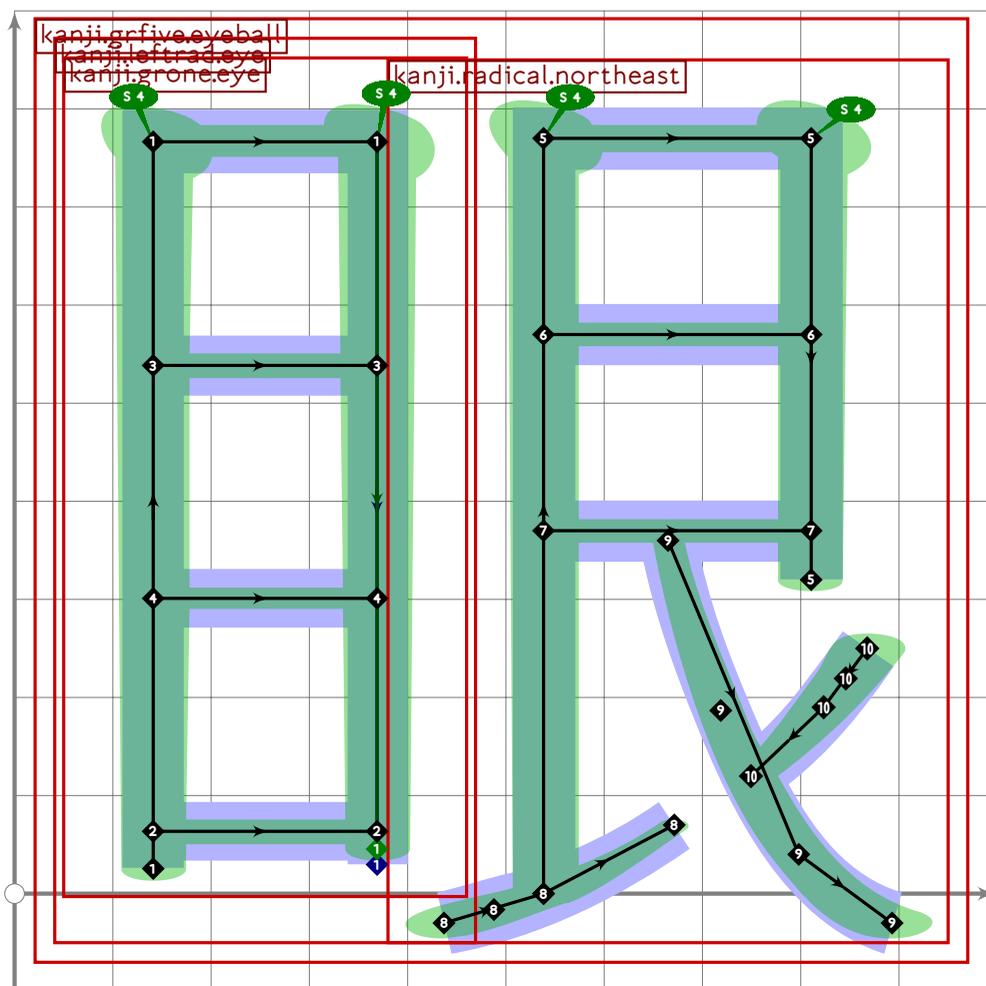
```

73
74 vardef kanji.grthreewear_clothes =
75   push_pbox_toexpand("kanji.grthreewear_clothes");
76   build_kanji.level(
77     build_kanji.tb(370,70)
78     (build_kanji.sscale(xscaled 1.08)(kanji.toprad.sheep))
79     (tsu_xform(identity shifted (15,0))(kanji.grthree.eyes));
80   push_stroke(
81     (point 0.30 of get_strokep(-7))..tension 1.2..(190,280)..(80,200),
82     (1.6,1.6)-(1.4,1.4)-(1,1));
83   expand_pbox;
84 enddef;
85
86

```



```
87  
88 vardef kanji.grfour.ministry =  
89   push_pbox_toexpand("kanji.grfour.ministry");  
90   build_kanji.level(build_kanji.tb(420,50)  
91     (kanji.grtwo.little)  
92     (build_kanji.sscale(xscaled 0.84 shifted (40,0))(kanji.grone.eye)));  
93   expand_pbox;  
94 enddef;  
95  
96
```

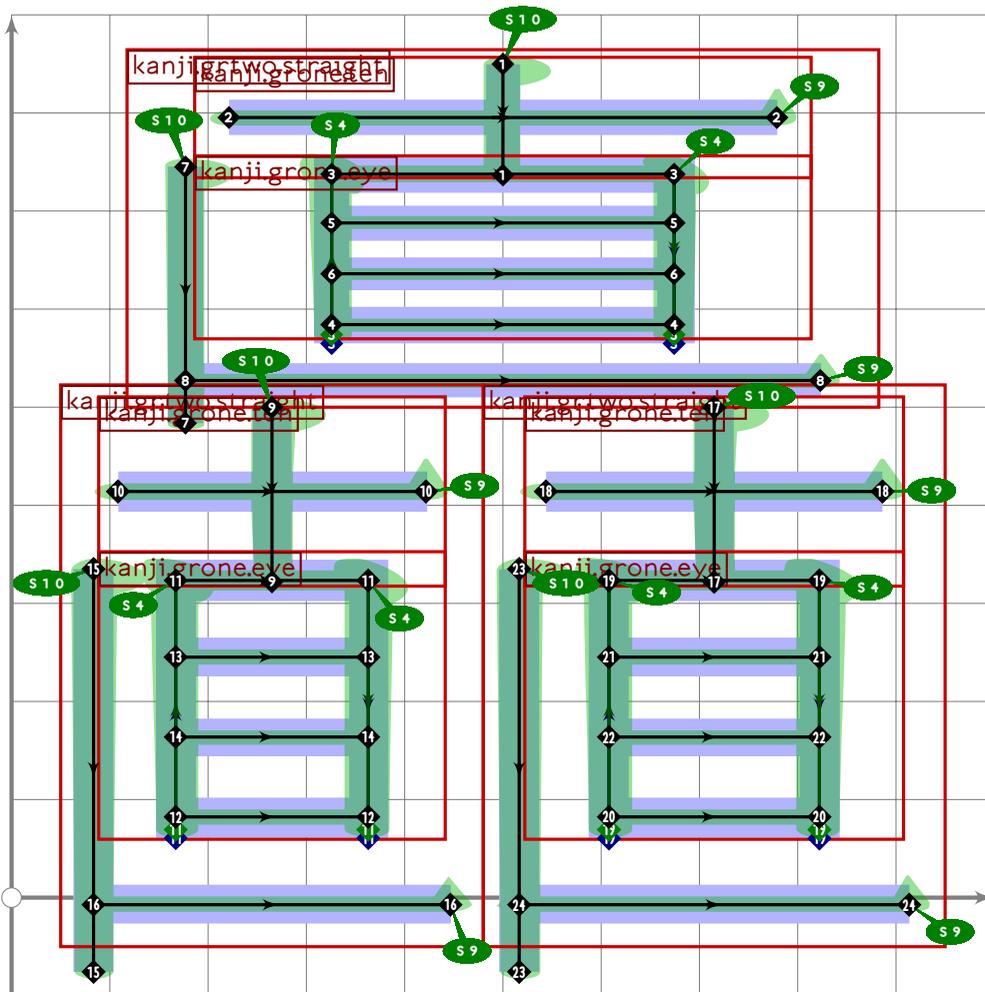


```

97
98 vardef kanji.grfive.eyeball =
99   push_pbox_toexpand("kanji.grfive.eyeball");
100   build_kanji.level(build_kanji.lr(420,80)
101     (kanji.leftrad.eyeball)
102     (kanji.radical.northeast));
103   expand_pbox;
104 enddef;
105
106
107
108 vardef kanji.leftrad.eyeball =
109   push_pbox_toexpand("kanji.leftrad.eyeball");
110   build_kanji.sscale(yscaled 0.95 shifted (0,25))(kanji.grone.eyeball);
111   replace_stroke(-3)((subpath (0,2) of oldp)-((0,50)+point 3 of oldp));
112   expand_pbox;
113 enddef;
114
115
116
117 % sei/kaeri "ministry"

```

118 begintsuglyph("uni7701";1); [see page 3562]  
119 kanji.grfour.ministry;  
120 tsu\_render;  
121 endtsuglyph;  
122  
123 % ken/ka "prefecture"  
124 begintsuglyph("uni770C";12); [see page 3559]  
125 kanji.grthree.prefecture;  
126 tsu\_render;  
127 endtsuglyph;  
128  
129 % shin/ma "truth"  
130 begintsuglyph("uni771F";31); [see page 678]  
131 kanji.grthree.truth;  
132 tsu\_render;  
133 endtsuglyph;  
134  
135 % gan/manako "eyeball"  
136 begintsuglyph("uni773C";60); [see page 3563]  
137 kanji.grfive.eyeball;  
138 tsu\_render;  
139 endtsuglyph;  
140  
141 % chaku/ki/tsu "wear clothes"  
142 begintsuglyph("uni7740";64); [see page 3561]  
143 kanji.grthree.wear\_clothes;  
144 tsu\_render;  
145 endtsuglyph;  
146



```

147 % extra: "luxuriance"
148 begintsuglyph("uni77D7";215);
149   build_kanji.tricluster(0.85)
150     (build_kanji.thickness(0.7)(kanji.grtwo.straight))
151     (build_kanji.thickness(0.8)(kanji.grtwo.straight))
152     (build_kanji.thickness(0.8)(kanji.grtwo.straight));
153   tsu_render;
154 endtsuglyph;
155
156 % mu/hoko "Chinese spear"
157 begintsuglyph("uni77DB";219);
158   kanji.greight.chinese_spear;
159   tsu_render;
160 endtsuglyph;
161
162 % shi/ya "arrow"
163 begintsuglyph("uni77E2";226);
164   kanji.grtwo.arrow;
165   tsu_render;
166 endtsuglyph;
167

```

[see page 927]

[see page 494]

168 % chi/shi "to know"  
169 begintsuglyph("uni77E5";229); [see page 539]  
170 kanji.grtwo.know;  
171 tsu\_render;  
172 endtsuglyph;  
173  
174 % tan/mijika "short"  
175 begintsuglyph("uni77ED";237); [see page 3560]  
176 kanji.grthree.short;  
177 tsu\_render;  
178 endtsuglyph;  
179  
180 % seki/ishi "stone"  
181 begintsuglyph("uni77F3";243); [see page 481]  
182 kanji.grone.stone;  
183 tsu\_render;  
184 endtsuglyph;  
185  
186 \_\_\_\_\_  
187  
188 endfont;  
189  
190 \_\_\_\_\_

# tsuku-78.mp

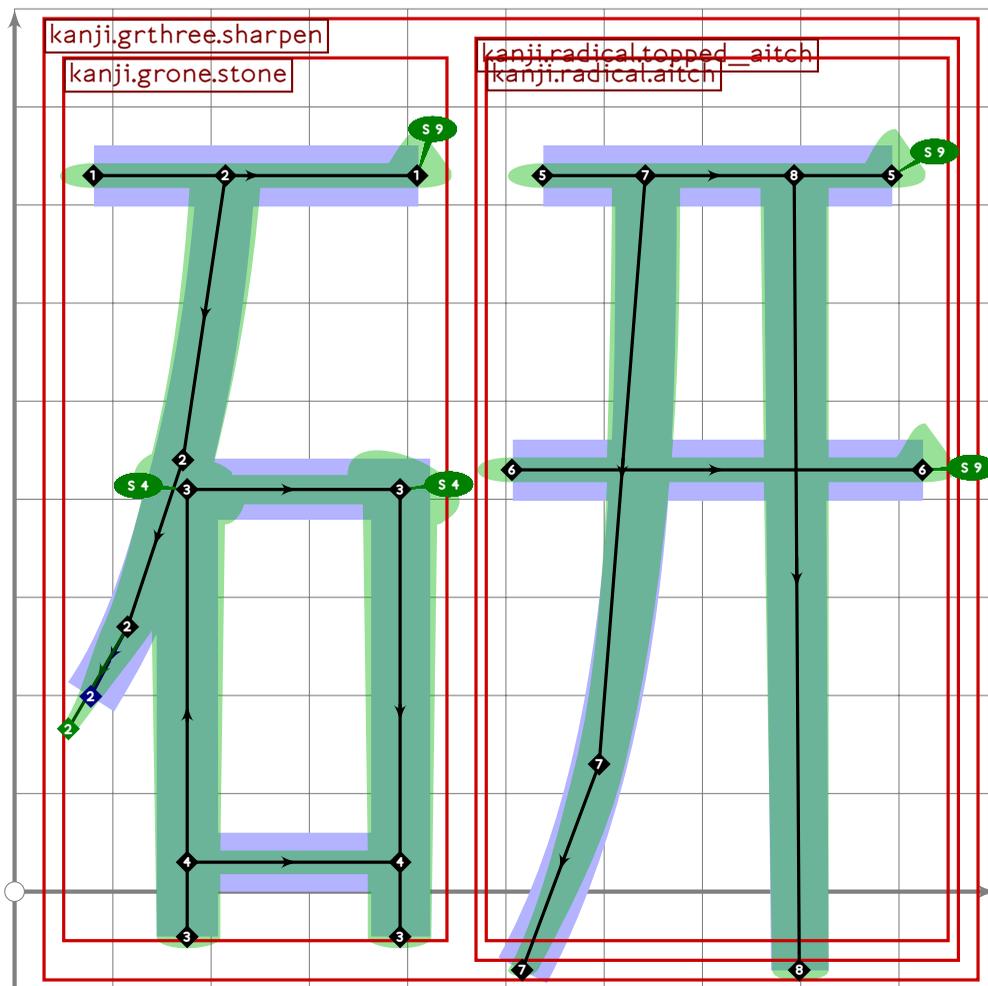
```
1 %
2 % Unicode page 78 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---

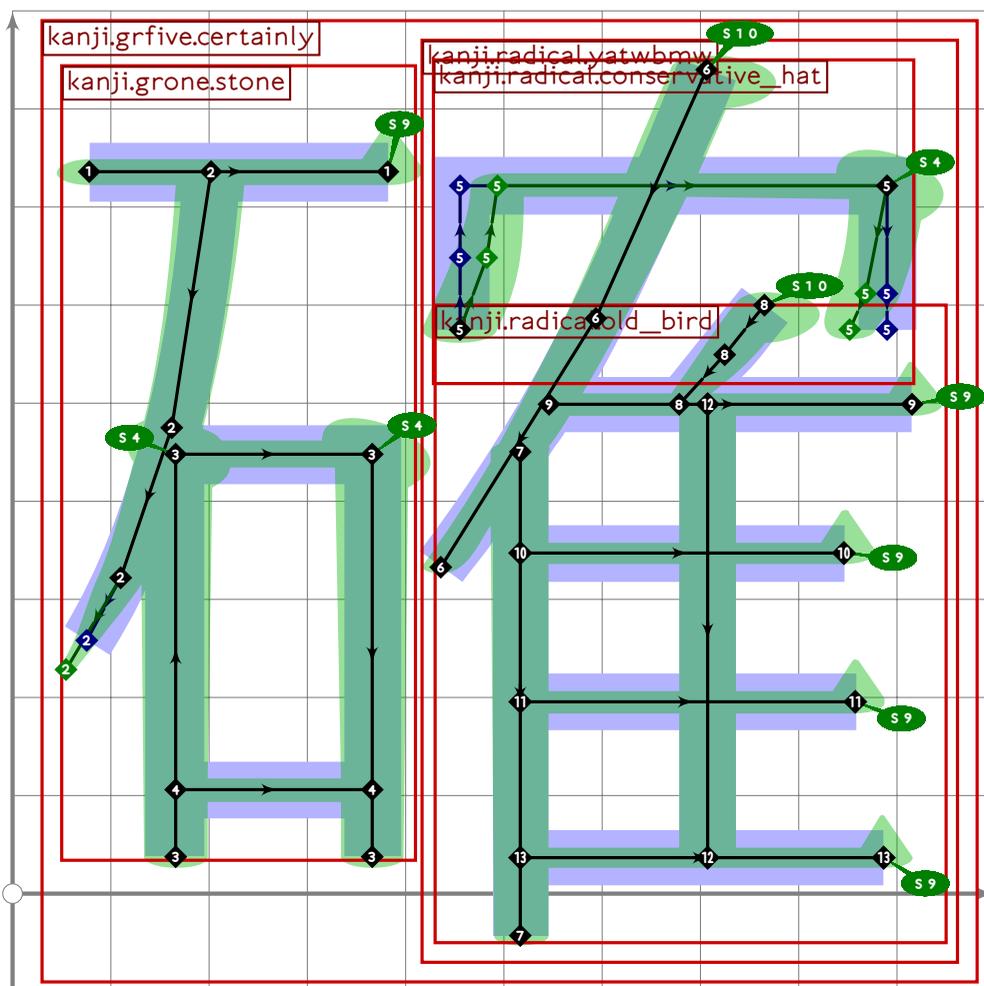

32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradeone.mp;
40 input gradethree.mp;
41 input radical.mp;
42
43 do_late_includes;
44
45 

---


```



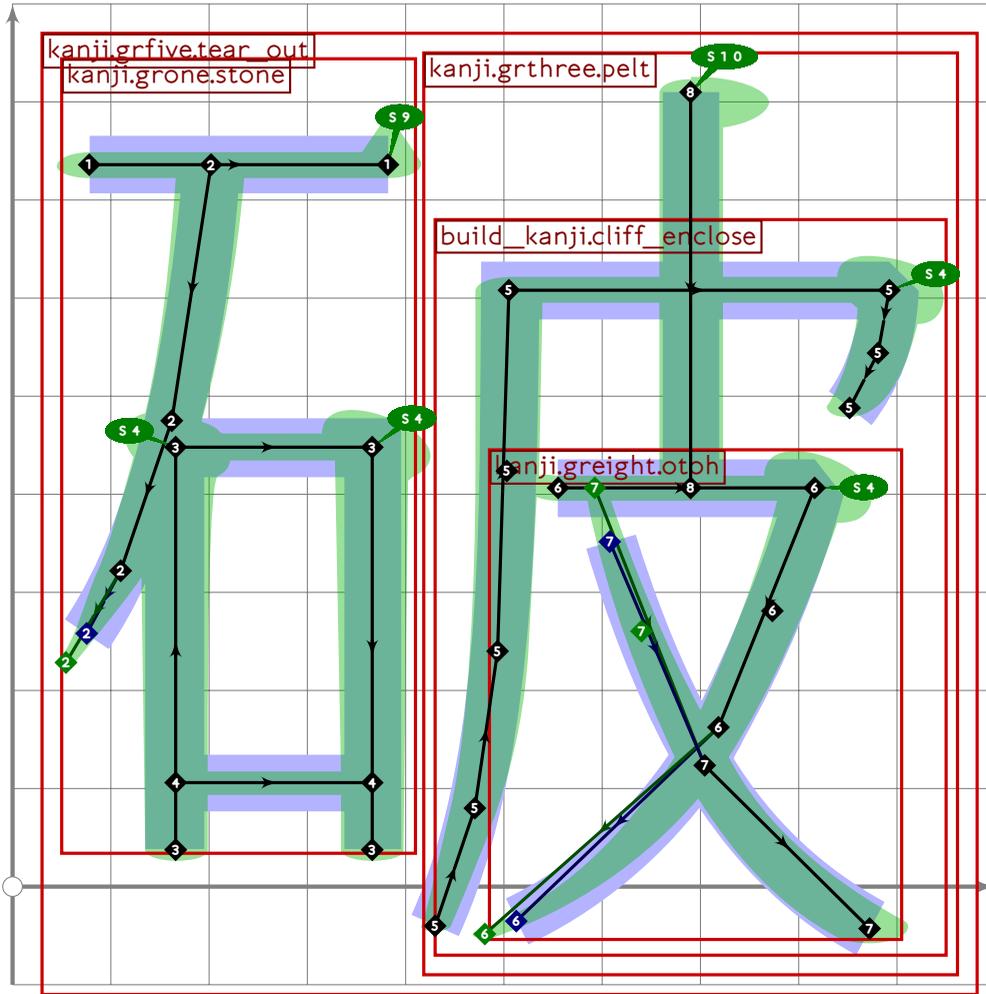
```
46  
47 vardef kanji.grthree.sharpen =  
48   push_pbox_toexpand("kanji.grthree.sharpen");  
49   build_kanji.level(build_kanji.lr(460-40)  
50     (kanji.grthree.sharpen)  
51     (kanji.radical.topped_aitch));  
52   expand_pbox;  
53 enddef;  
54  
55
```



```

56
57 vardef kanji.grfive.certainly =
58   push_pbox_toexpand("kanji.grfive.certainly");
59   build_kanji.level(build_kanji.lr(420,-20)
60     (build_kanji.sscale(yscaled 0.9 shifted (0,40))(kanji.grone.stone))
61     (kanji.radical.yatwbmw));
62   expand_pbox;
63 enddef;

```



```

64
65 vardef kanji.grfive.tear_out =
66   push_pbox_toexpand("kanji.grfive.tear_out");
67   build_kanji.level(build_kanji.lr(420;20)
68     (build_kanji.sscale(yscaled 0.9 shifted (0,40))(kanji.grone.stone))
69     (kanji.grthree.pelt));
70   expand_pbox;
71 enddef;

```

72

73

74

```

75 % ken/to "sharpen"
76 begintsuglyph("uni7814";20);
77   kanji.grthree.sharpen;
78   tsu_render;
79 endtsuglyph;

```

[see page 3568]

80

```

81 % ha/yabu "tear out"
82 begintsuglyph("uni7834";52);
83   kanji.grfive.tear_out;
84   tsu_render;

```

[see page 3570]

```
85 endtsuglyph;
86
87 % kaku/tashika "certainly"
88 begintsuglyph("uni78BA",186); [see page 3569]
89   kanji.grfive.certainly;
90   tsu_render;
91 endtsuglyph;
92
93 _____
94
95 endfont;
96
97 _____
```

# tsuku-79.mp

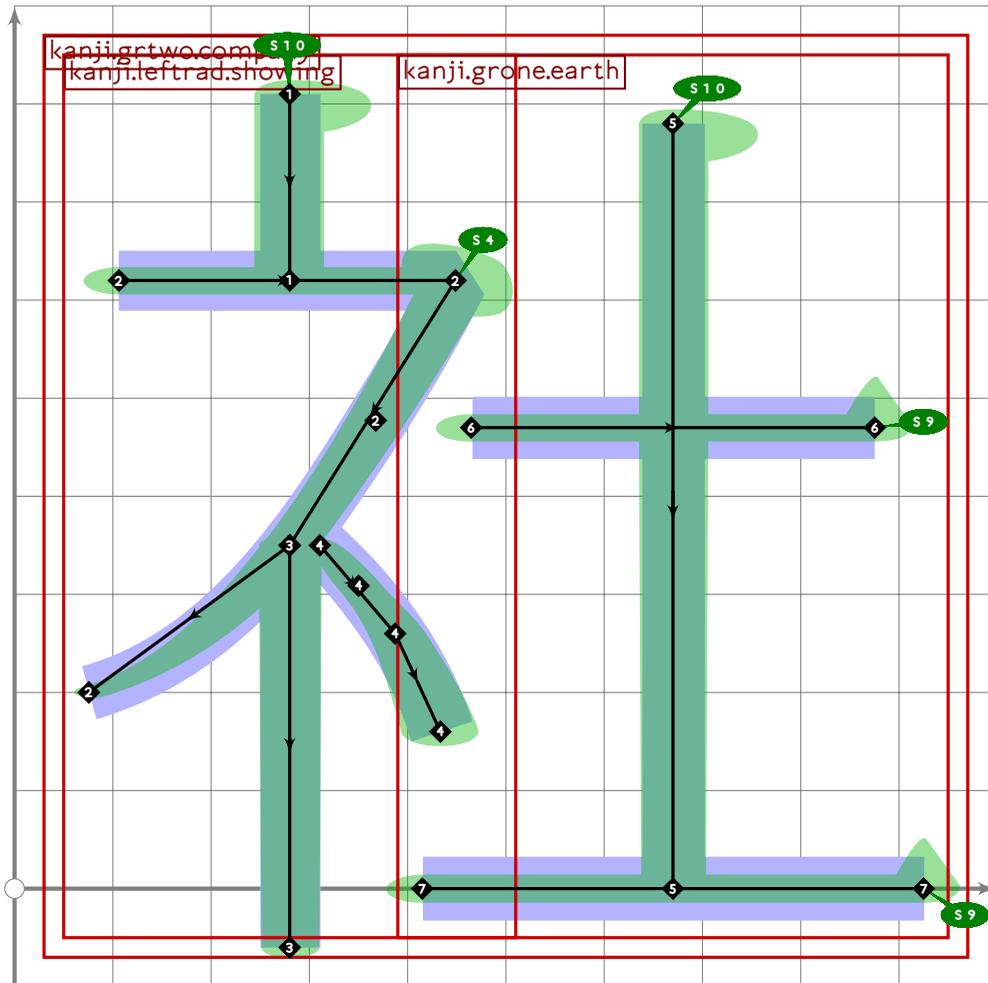
```
1 %
2 % Unicode page 79 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---

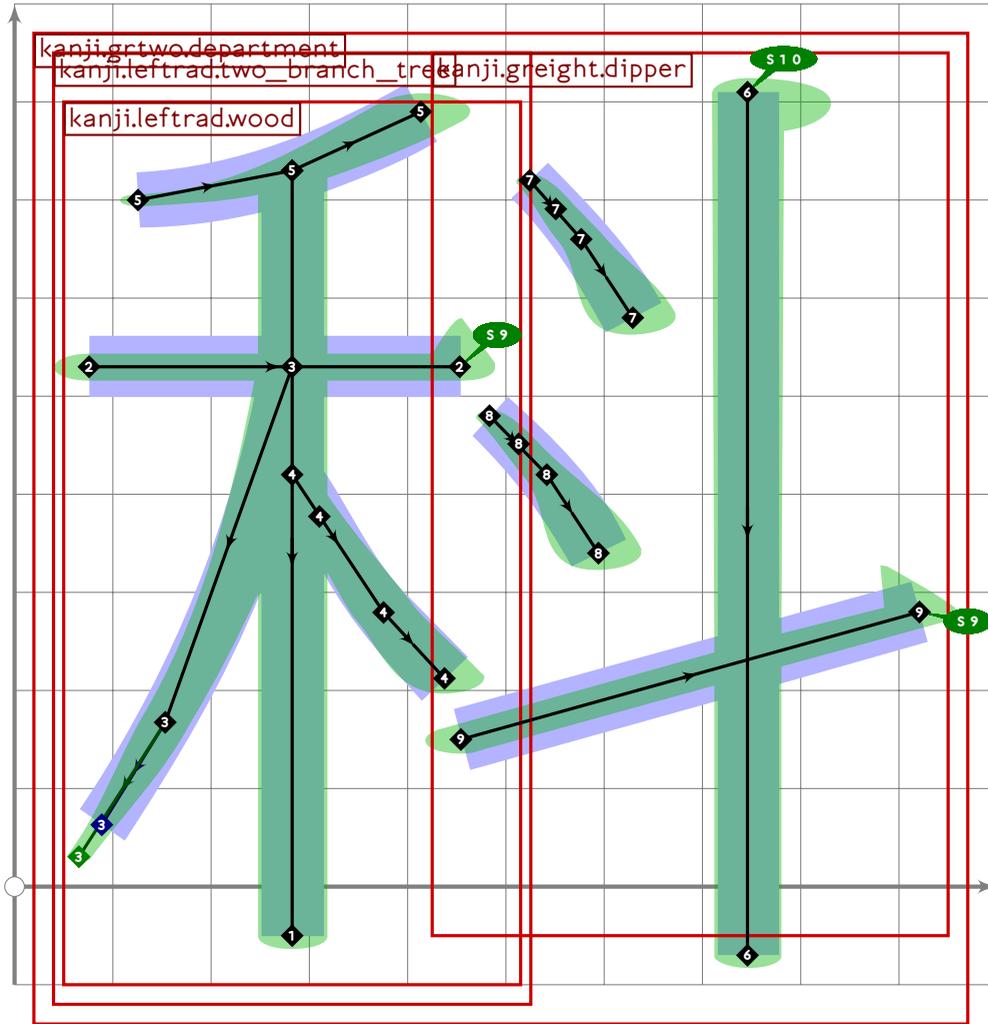

32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input rightrad.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54 

---

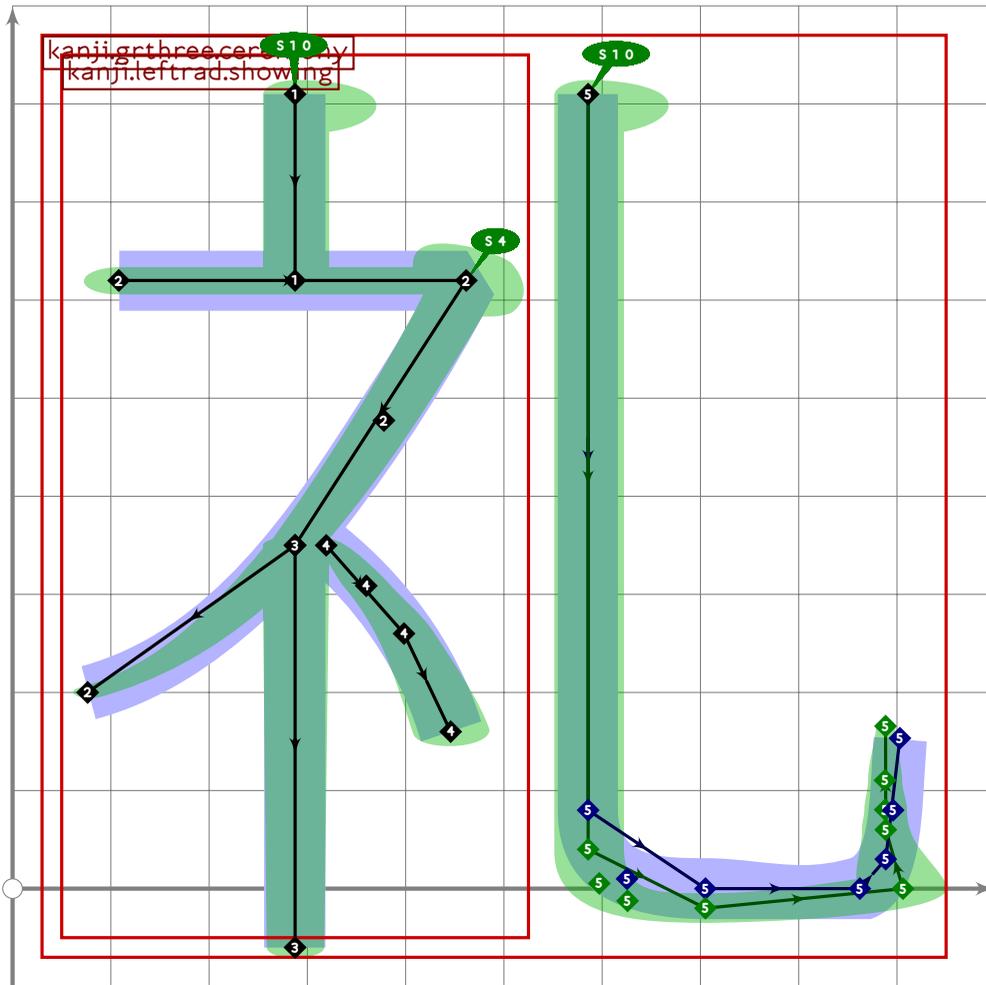

```



```
55  
56 vardef kanji.grtwo.company =  
57   push_pbox_toexpand("kanji.grtwo.company");  
58   build_kanji.lr(450,120)  
59     (kanji.leftrad.showing)  
60     (kanji.grone.earth);  
61   expand_pbox;  
62 enddef;
```



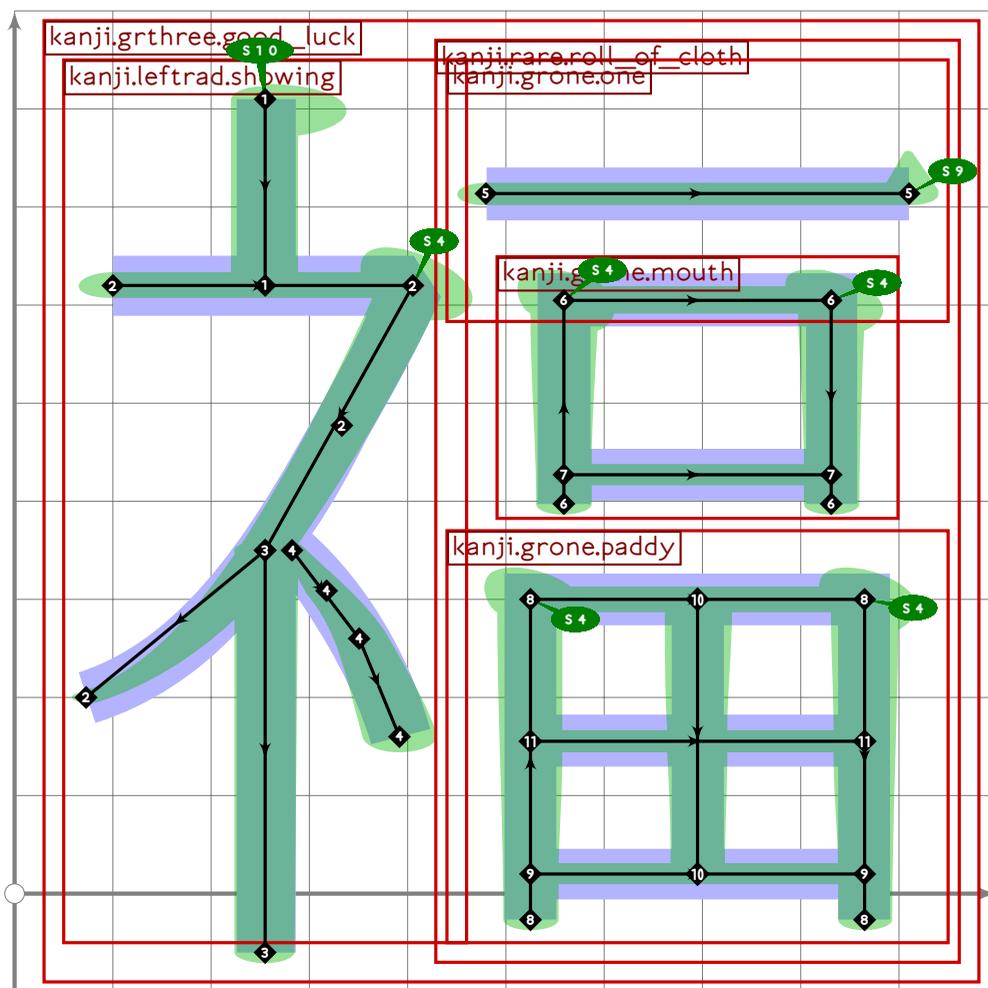
```
63
64 vardef kanji.grtwo.department =
65   push_pbox_toexpand("kanji.grtwo.department");
66   build_kanji.lr(470,90)
67     (build_kanji.lift_skirt(300,140)
68       (kanji.leftrad.two_branch_tree);
69     replace_stroke(-4)((point 0 of oldp)..(xpart point 1 of oldp,-50)))
70     (kanji.greight.dipper);
71   expand_pbox;
72 enddef;
73
74
```



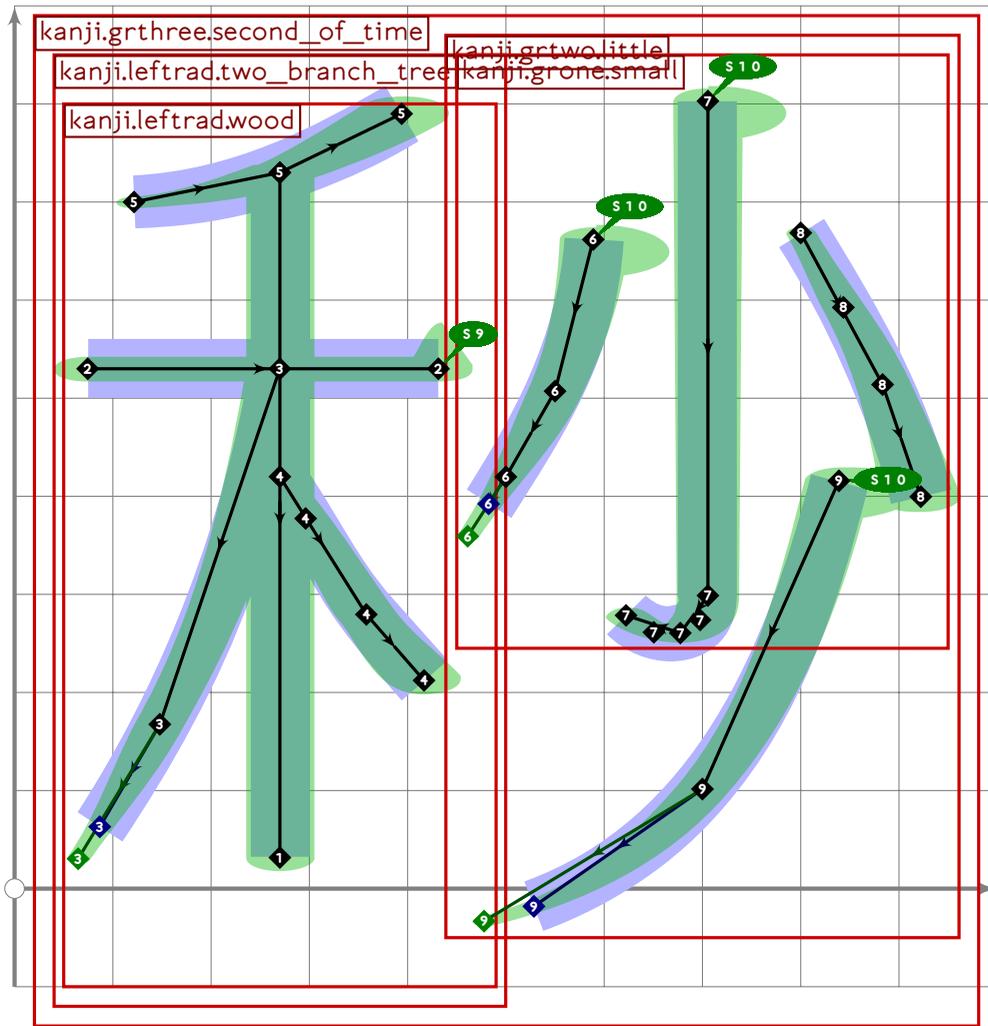
```

75
76 vardef kanji.grthree.ceremony =
77   push_pbox_toexpand("kanji.grthree.ceremony");
78   build_kanji.lr(540,-30)
79     (kanji.leftrad.showing)
80     (push_stroke((120,810),(1,6,1,6));
81       set_boserif(0,0,10);
82       build_kanji.add_ltail(0));
83   expand_pbox;
84 enddef;

```



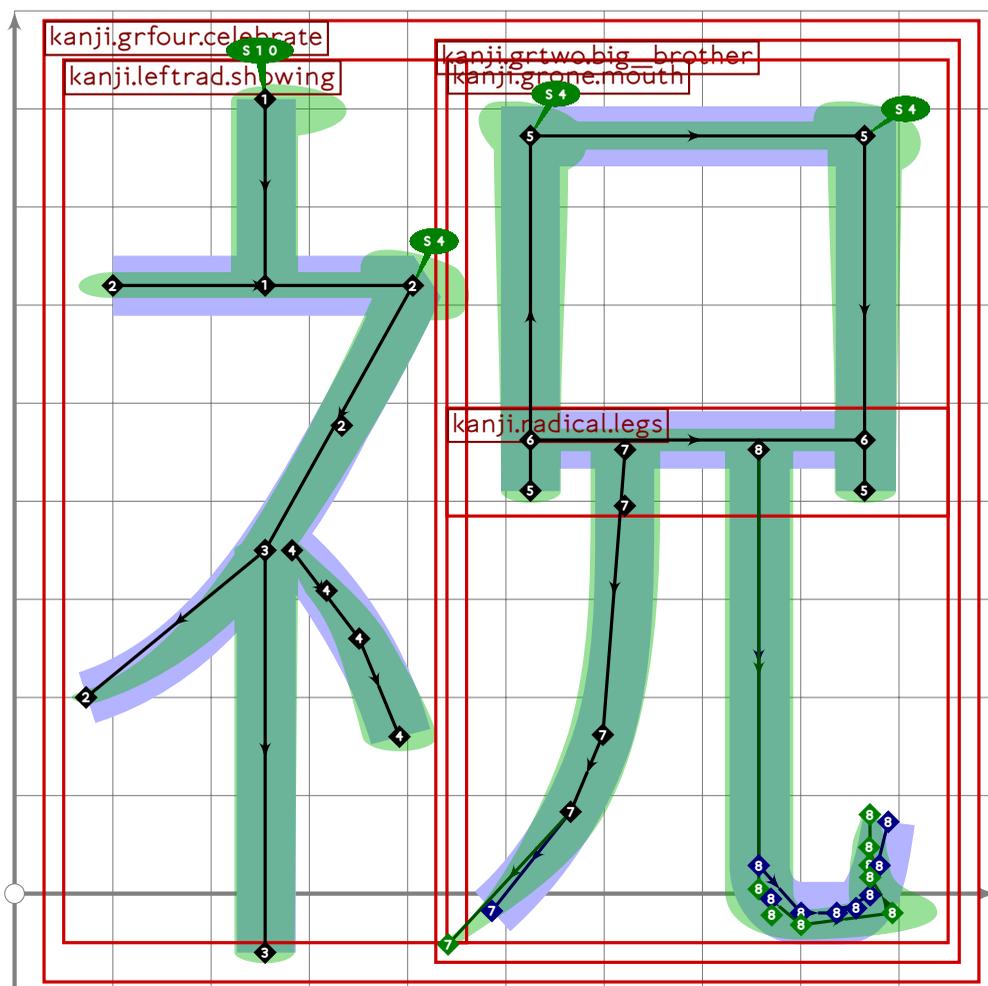
```
85  
86 vardef kanji.grthree.good_luck =  
87   push_pbox_toexpand("kanji.grthree.good_luck");  
88   build_kanji.lr(450,20)  
89   (kanji.leftrad.showing)  
90   (kanji.rare.roll_of_cloth);  
91   expand_pbox;  
92 enddef;
```



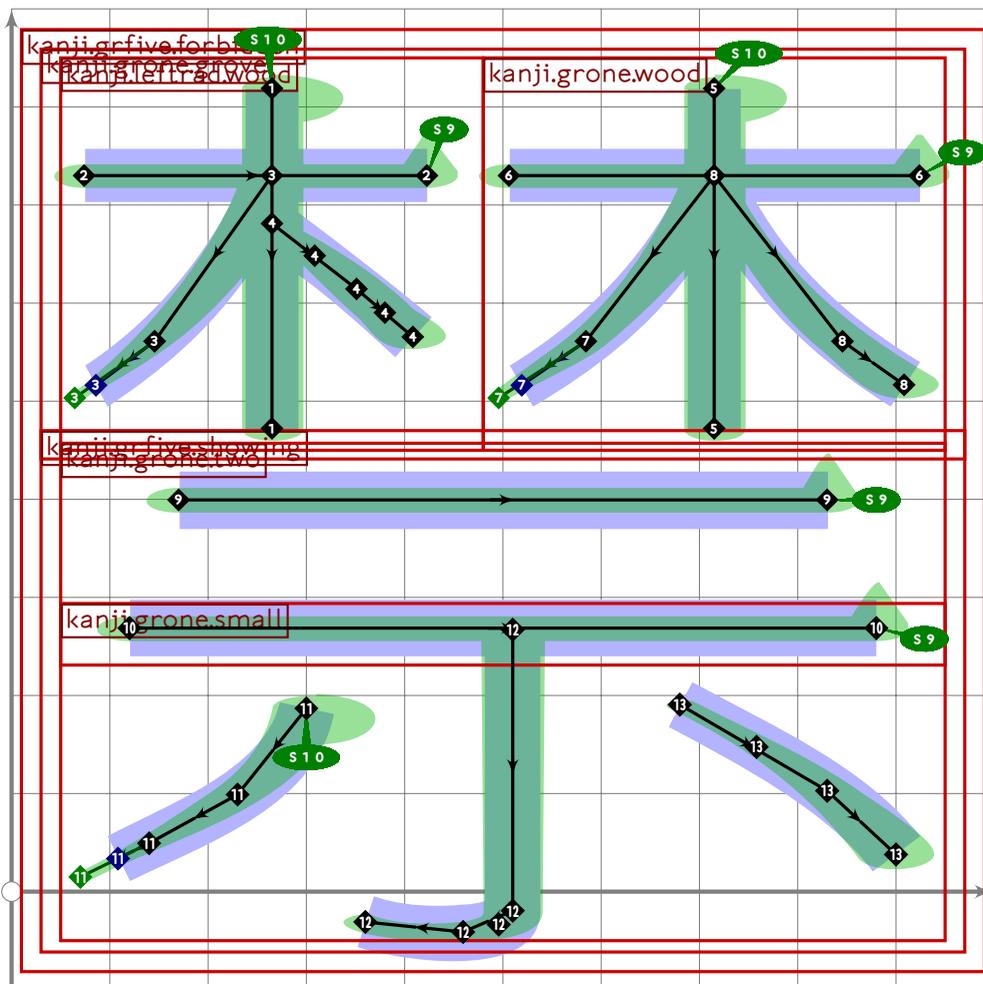
```

93
94 vardef kanji.grthree.second_of_time =
95   push_pbox_toexpand("kanji.grthree.second_of_time");
96   build_kanji.level(build_kanji.lr(470,40)
97     (build_kanji.lift_skirt(300,140)
98       (kanji.leftrad.two_branch_tree))
99     (kanji.grtwo.little));
100   expand_pbox;
101 enddef;
102
103

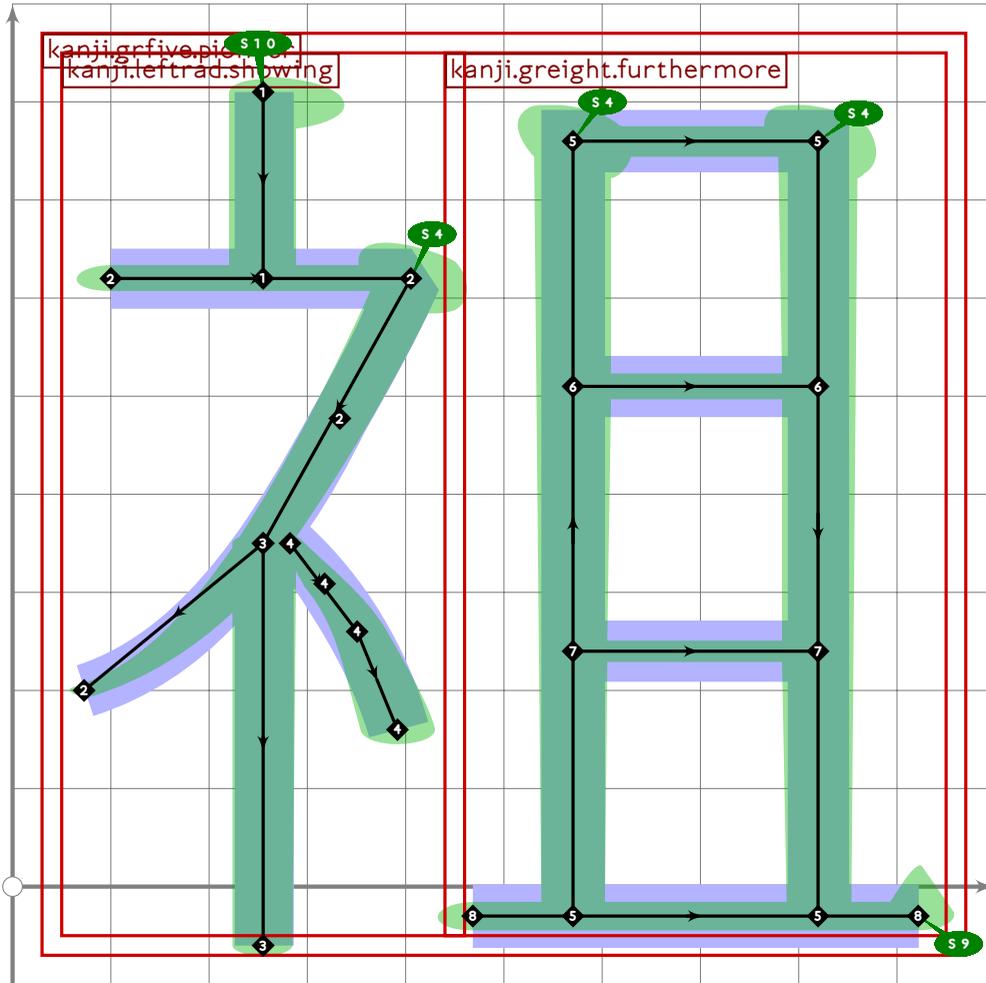
```



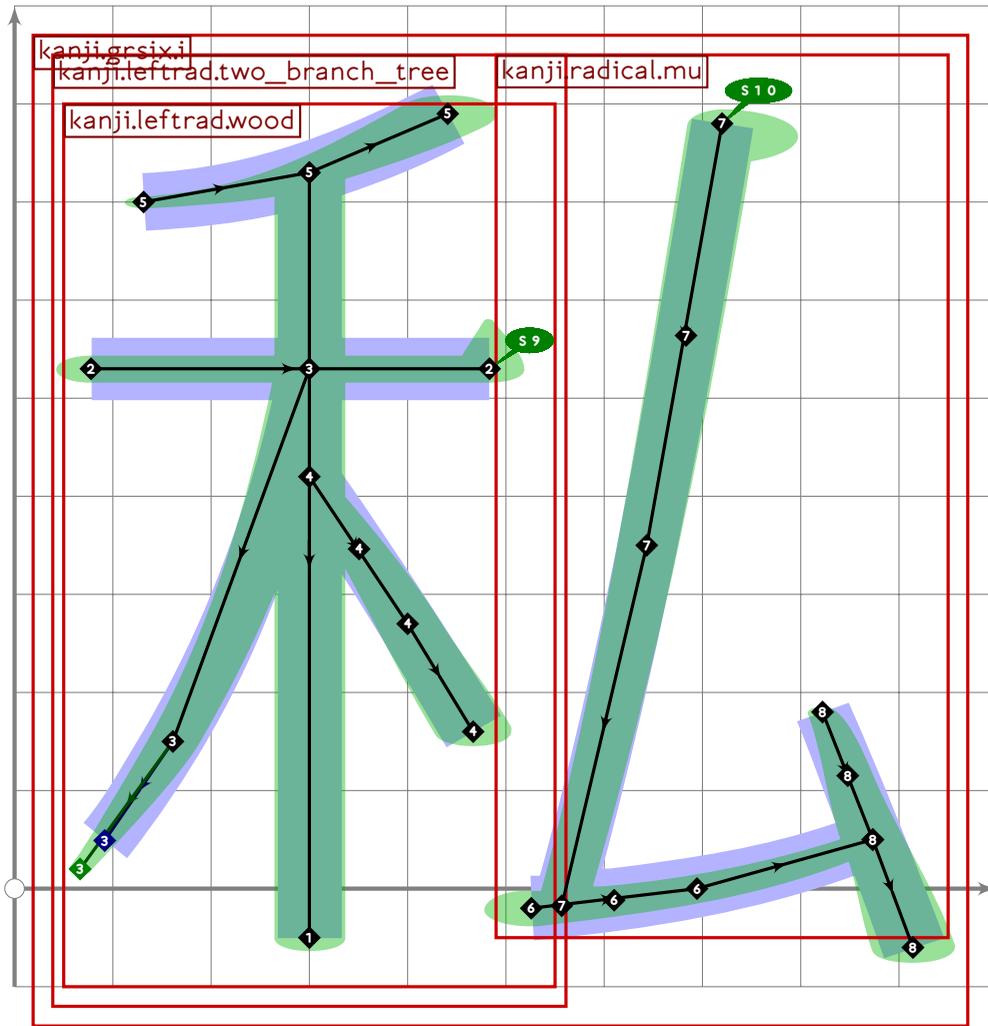
```
104  
105 vardef kanji.grfour.celebrate =  
106   push_pbox_toexpand("kanji.grfour.celebrate");  
107   build_kanji.lr(450,20)  
108     (kanji.leftrad.showing)  
109     (kanji.grtwo.big_brother);  
110   expand_pbox;  
111 enddef;  
112  
113
```



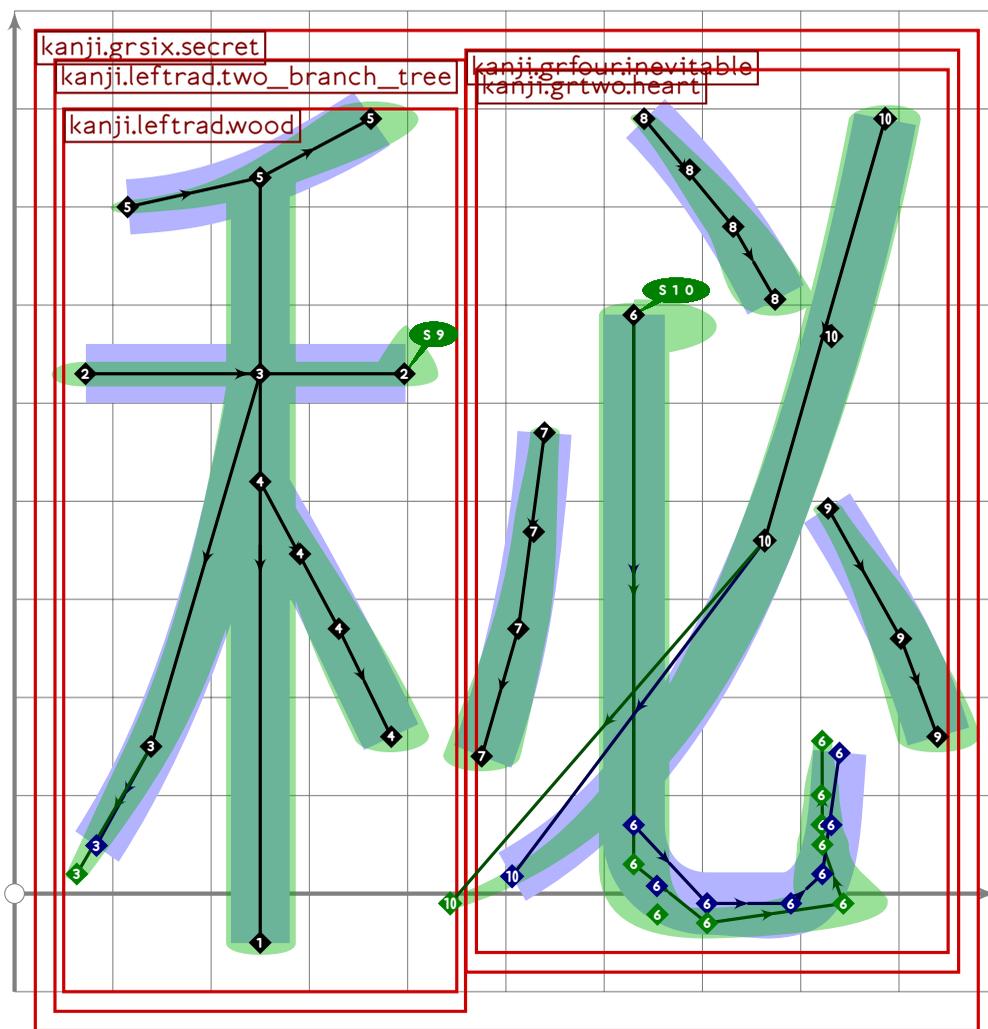
```
114  
115 vardef kanji.grfive.forbidden =  
116   push_pbox_toexpand("kanji.grfive.forbidden");  
117   build_kanji.tb(460,20)  
118     (kanji.grone.grove)  
119     (kanji.grfive.showing);  
120   expand_pbox;  
121 enddef;
```



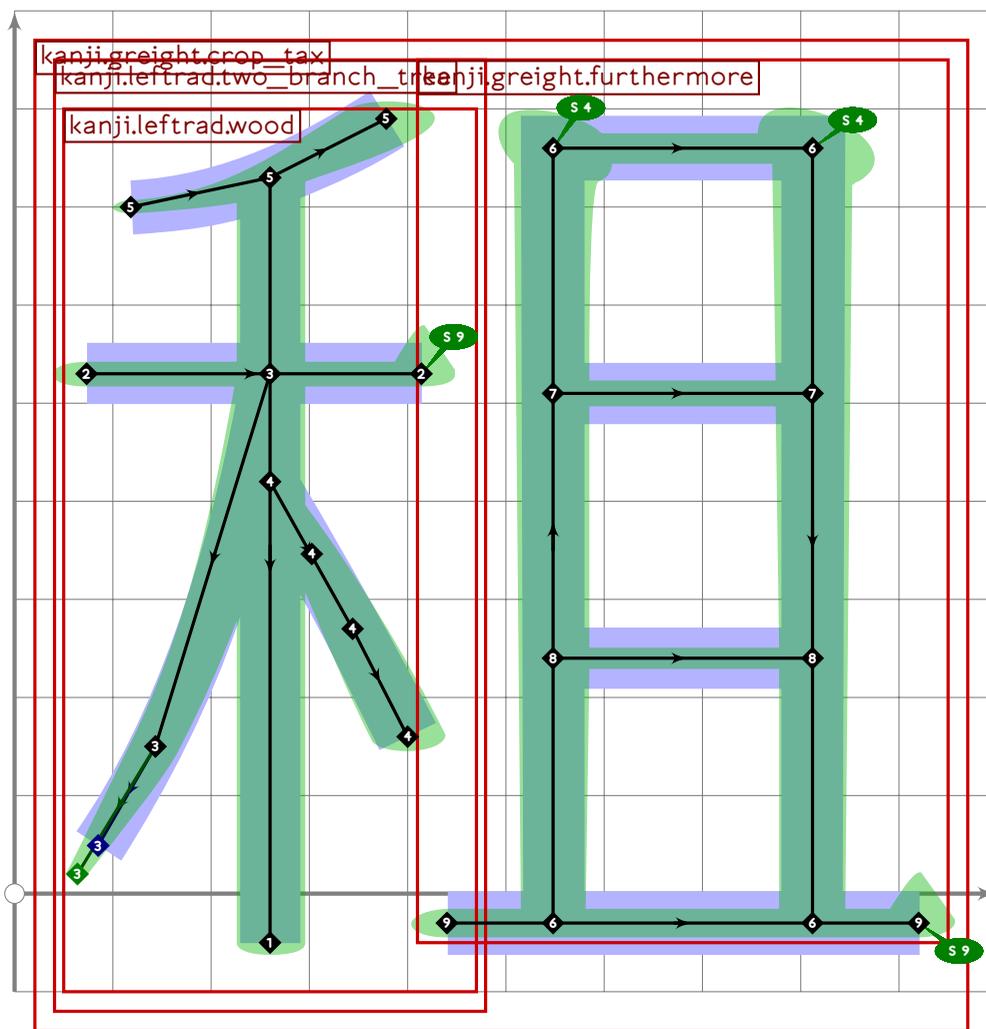
```
122  
123 vardef kanji.grfive.pioneer =  
124   push_pbox_toexpand("kanji.grfive.pioneer");  
125   build_kanji.lr(450,20)  
126     (kanji.leftrad.showing)  
127     (kanji.greight.furthermore);  
128   expand_pbox;  
129 enddef;  
130  
131
```



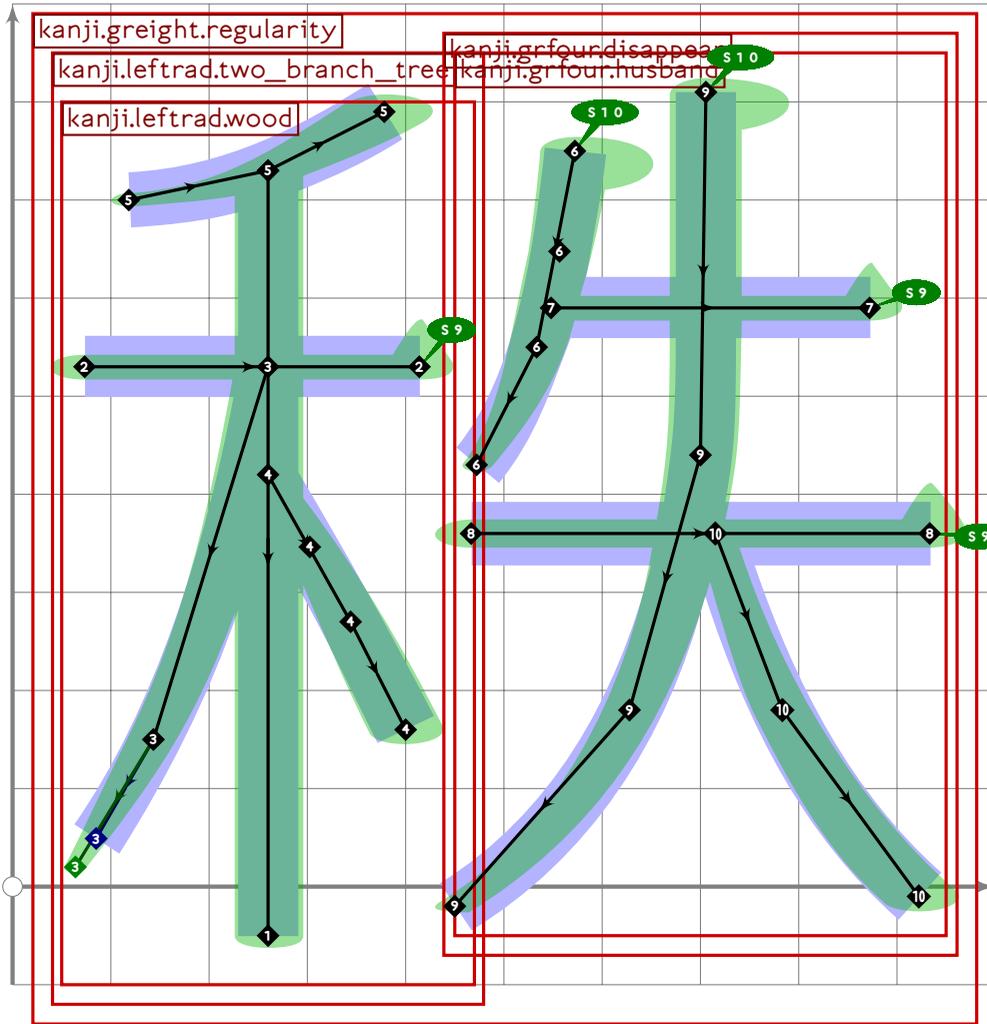
```
132
133 vardef kanji.grsix.i =
134   push_pbox_toexpand("kanji.grsix.i");
135   build_kanji.lr(520,60)
136     (kanji.leftrad.two_branch_tree)
137     (kanji.radical.mu);
138   expand_pbox;
139 enddef;
```



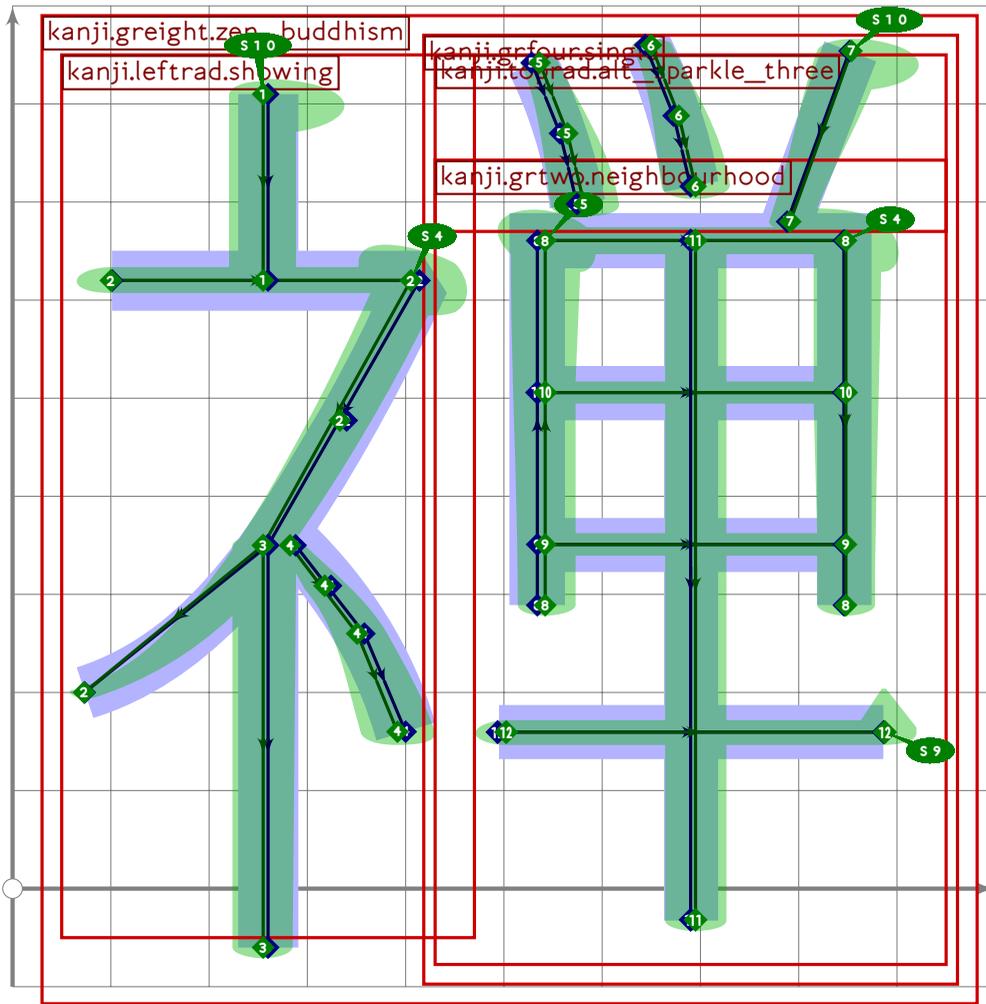
```
140  
141 vardef kanji.grsix.secret =  
142   push_pbox_toexpand("kanji.grsix.secret");  
143   build_kanji.lr(460;20)  
144     (kanji.leftrad.two_branch_tree  
145       (build_kanji.sscale(shifted (0;-10))(kanji.grfourinevitable));  
146   expand_pbox;  
147 enddef;  
148  
149
```



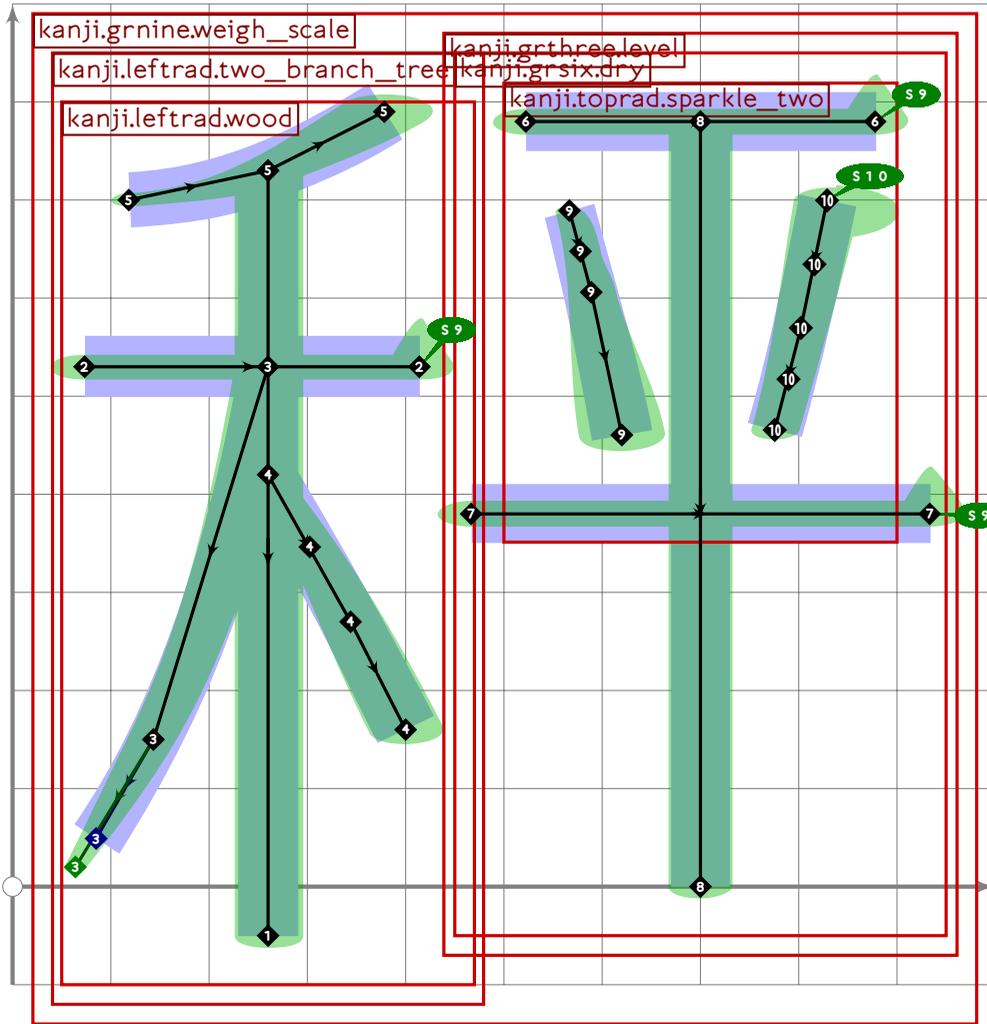
```
150
151 vardef kanji.greight.crop_tax =
152   push_pbox_toexpand("kanji.greight.crop_tax");
153   build_kanji.lr(440,60)
154     (kanji.leftrad.two_branch_tree)
155     (kanji.greight.furthermore);
156   expand_pbox;
157 enddef;
```



```
158  
159 vardef kanji.greight.regularity =  
160   push_pbox_toexpand("kanji.greight.regularity");  
161   build_kanji.lr(460,20)  
162     (kanji.leftrad.two_branch_tree)  
163     (kanji.grfour.disappea);  
164   expand_pbox;  
165 enddef;
```



```
166
167 vardef kanji.greight.zen_buddhism =
168   push_pbox_toexpand("kanji.greight.zen_buddhism");
169   build_kanji.lr(450,40-20*mincho)
170     (kanji.leftrad.showing)
171     (kanji.grfour.single);
172   expand_pbox;
173 enddef;
174
175
```



```

176
177 vardef kanji.grnineweigh_scale =
178   push_pbox_toexpand("kanji.grnineweigh_scale");
179   build_kanji.lr(460,20)
180     (kanji.leftrad.two_branch_tree)
181     (kanji.grthree.level);
182   expand_pbox;
183 enddef;

```

184

185

```

186
187 % ji/shime "show" (also older radical form)
188 begintsuglyph("uni793A";58);

```

[see page 804]

```

189   kanji.grfive.showing;
190   tsu_render;
191 endtsuglyph;

```

192

```

193 % "showing" radical (simple, more popular form)
194 begintsuglyph("uni793B";59);

```

[see page 855]

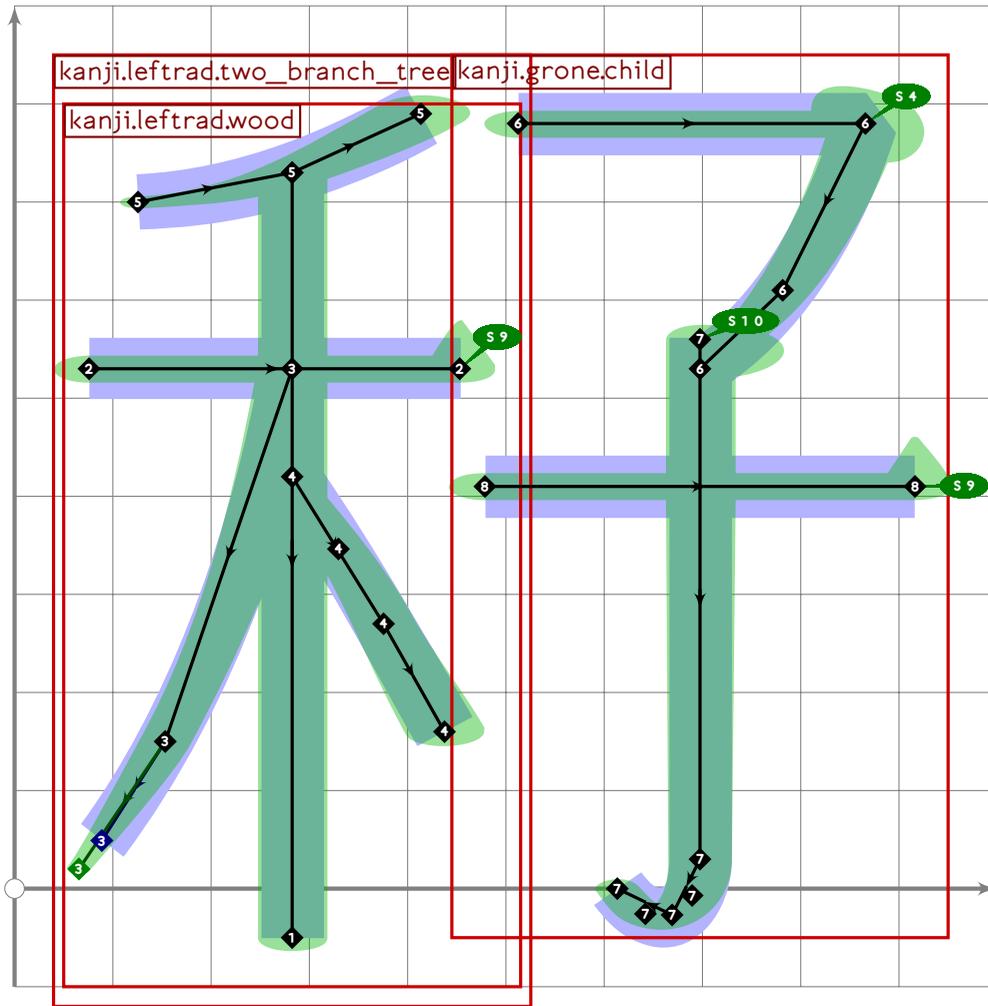
```

195   kanji.leftrad.showing;

```

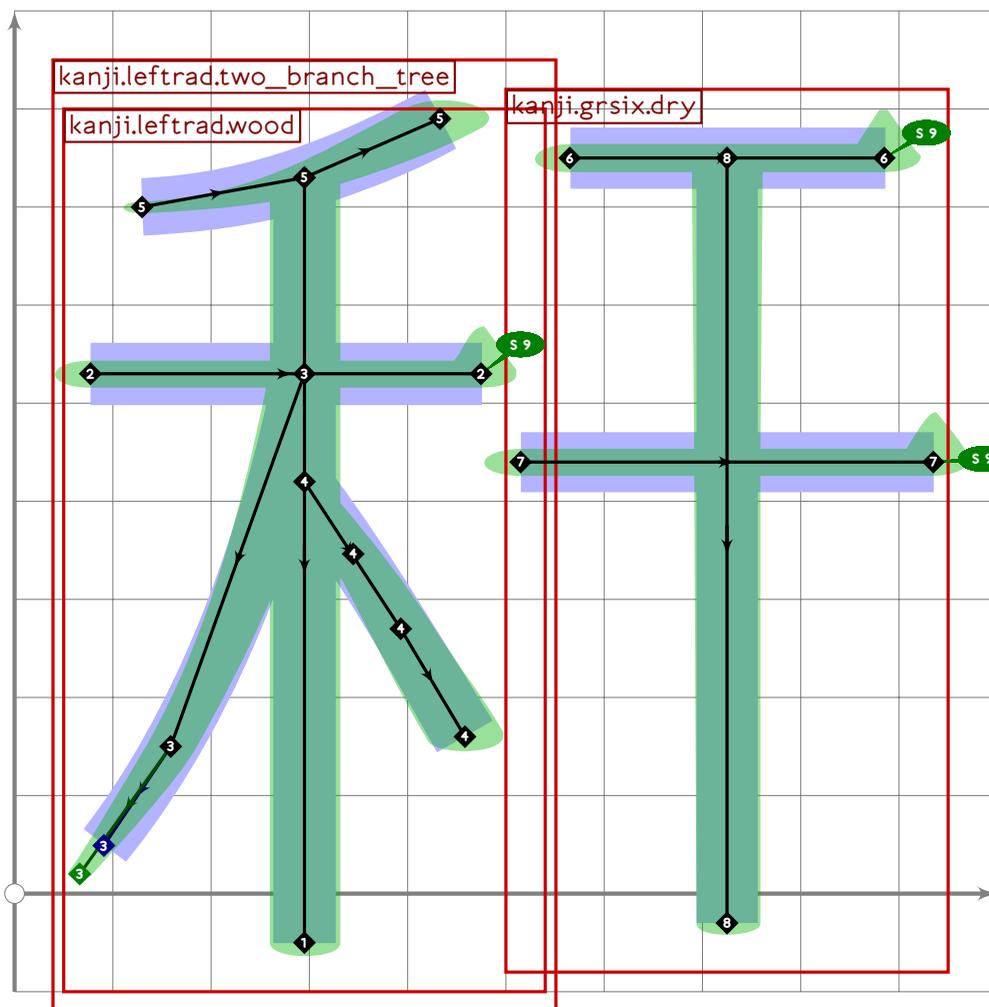
196 tsu\_render;  
197 endtsuglyph;  
198  
199 % rei "ceremony"  
200 begintsuglyph("uni793C";60); [see page 3575]  
201 kanji.grthree.ceremony;  
202 tsu\_render;  
203 endtsuglyph;  
204  
205 % sha/yashiro "company"  
206 begintsuglyph("uni793E";62); [see page 3573]  
207 kanji.grtwo.company;  
208 tsu\_render;  
209 endtsuglyph;  
210  
211 % so "pioneer"  
212 begintsuglyph("uni7956";86); [see page 3580]  
213 kanji.grfive.pioneer;  
214 tsu\_render;  
215 endtsuglyph;  
216  
217 % shin/kami "deity"  
218 begintsuglyph("uni795E";94); [see page 625]  
219 kanji.grthree.deity;  
220 tsu\_render;  
221 endtsuglyph;  
222  
223 % shuku/iwa "celebrate"  
224 begintsuglyph("uni795D";93); [see page 3578]  
225 kanji.grfour.celebrate;  
226 tsu\_render;  
227 endtsuglyph;  
228  
229 % hyou "ticket"  
230 begintsuglyph("uni7968";104); [see page 756]  
231 kanji.grfour.ticket;  
232 tsu\_render;  
233 endtsuglyph;  
234  
235 % sei/matsuri "festival"  
236 begintsuglyph("uni796D";109); [see page 632]  
237 kanji.grthree.festival;  
238 tsu\_render;  
239 endtsuglyph;  
240  
241 % kin "forbidden"  
242 begintsuglyph("uni7981";129); [see page 3579]  
243 kanji.grfive.forbidden;

244 tsu\_render;  
 245 endtsuglyph;  
 246  
 247 % zen/shizuka "Zen Buddhism"  
 248 begintsuglyph("uni7985";133); [see page 3585]  
 249 kanji.greight.zen\_buddhism;  
 250 tsu\_render;  
 251 endtsuglyph;  
 252  
 253 % fuku/toshi "good luck"  
 254 begintsuglyph("uni798F";143); [see page 3576]  
 255 kanji.grthree.good\_luck;  
 256 tsu\_render;  
 257 endtsuglyph;  
 258  
 259 % refers to a specific legendary Chinese emperor, founder of the Xia Dynasty  
 260 begintsuglyph("uni79B9";185); [see page 1107]  
 261 kanji.rare.yu\_the\_great;  
 262 tsu\_render;  
 263 endtsuglyph;  
 264  
 265 % ka/ine little meaning by itself, called "two-branch tree" as a radical  
 266 begintsuglyph("uni79BE";190); [see page 1027]  
 267 kanji.grnine.two\_branch\_tree;  
 268 tsu\_render;  
 269 endtsuglyph;  
 270  
 271 % shi/watashi "first person pronoun"  
 272 begintsuglyph("uni79C1";193); [see page 3581]  
 273 kanji.grsix.i;  
 274 tsu\_render;  
 275 endtsuglyph;  
 276

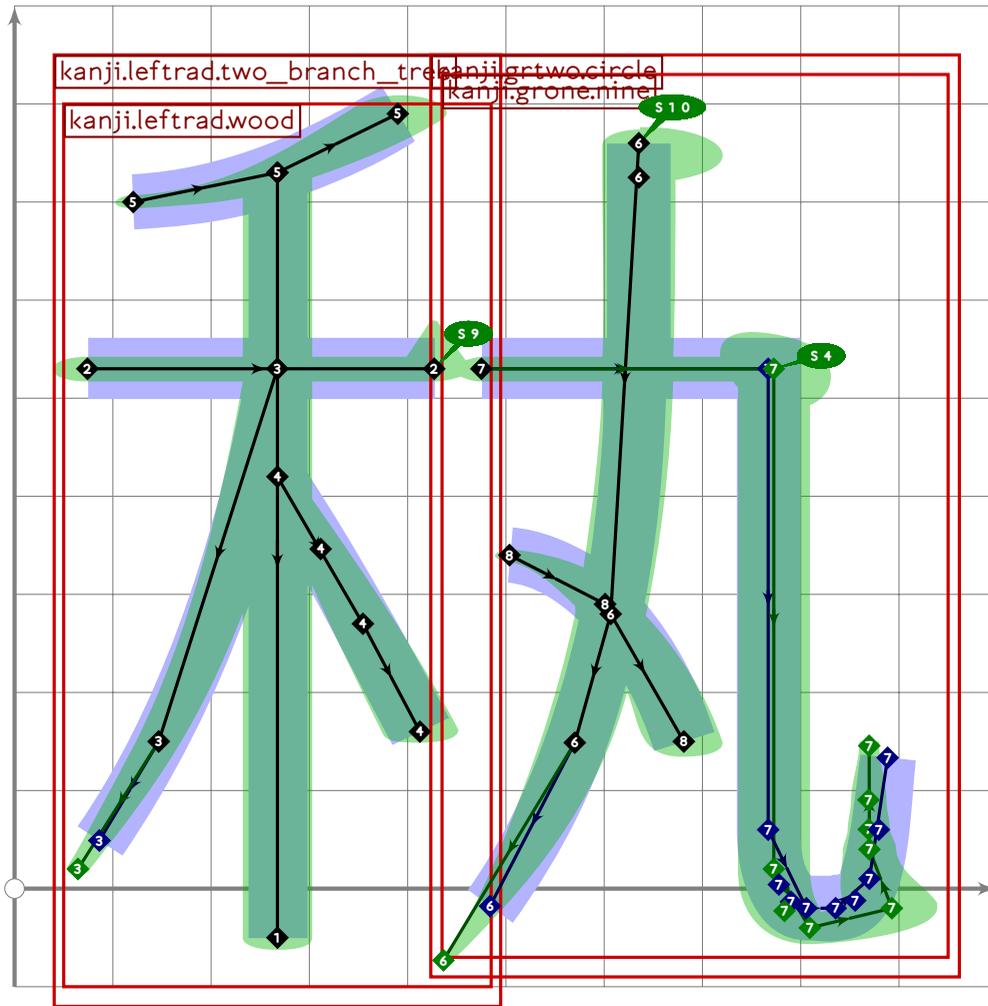


```
277 % extra
278 begintsuglyph("uni79C4",196);
279 build_kanji.lr(480,70)
280 (kanji.leftrad.two_branch_tree)
281 (kanji.grone.child);
282 tsu_render;
283 endtsuglyph;
284
```

U+79C6  
tsuku.uni79C6



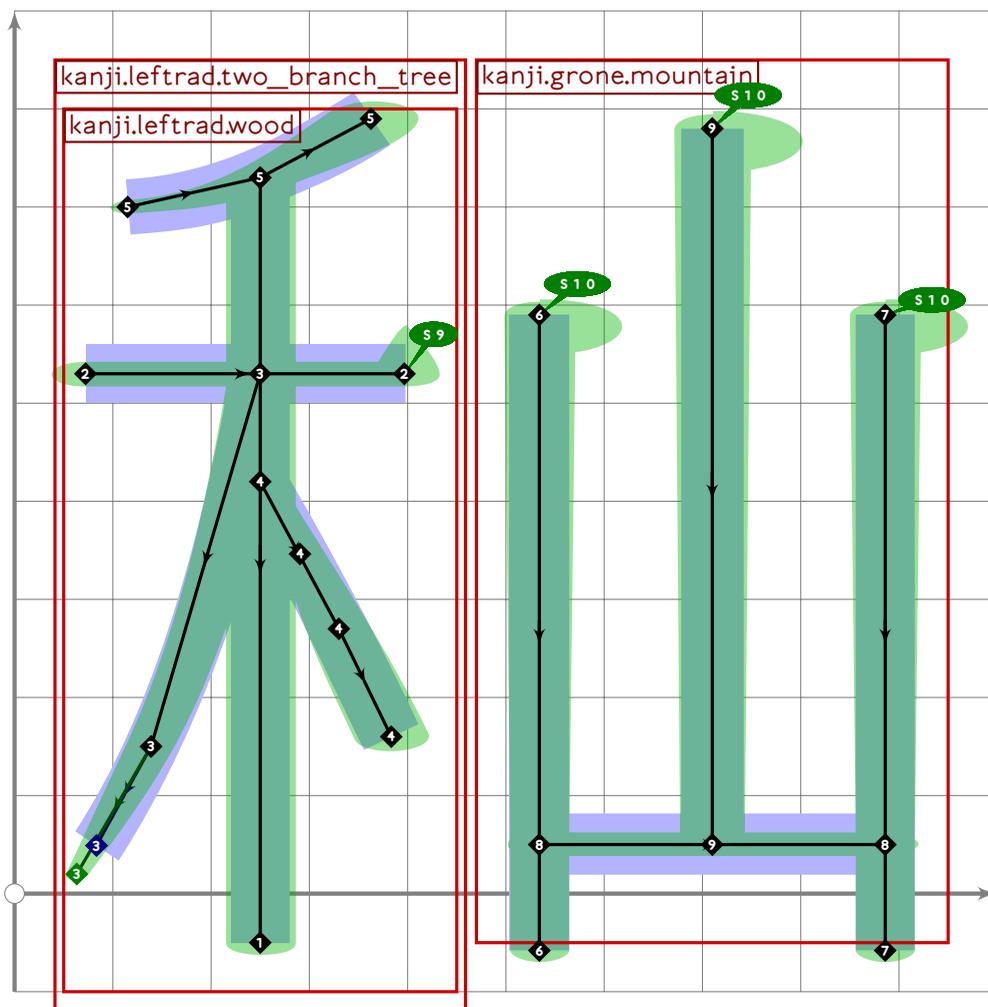
```
285 % extra
286 begintsuglyph("uni79C6",198);
287 build_kanji.lr(520,40)
288 (kanji.leftrad.two_branch_tree)
289 (build_kanji.sscale(shifted (0,-30))(kanji.grsix.dry));
290 tsu_render;
291 endsuglyph;
292
```



```

293 % extra
294 begintsuglyph("uni79C7",199);
295 build_kanji.lr(460,50)
296 (kanji.leftrad.two_branch_tree)
297 (build_kanji.sscale(shifted (0,-20))(kanji.grtwo.circle));
298 tsu_render;
299 endtsuglyph;
300

```

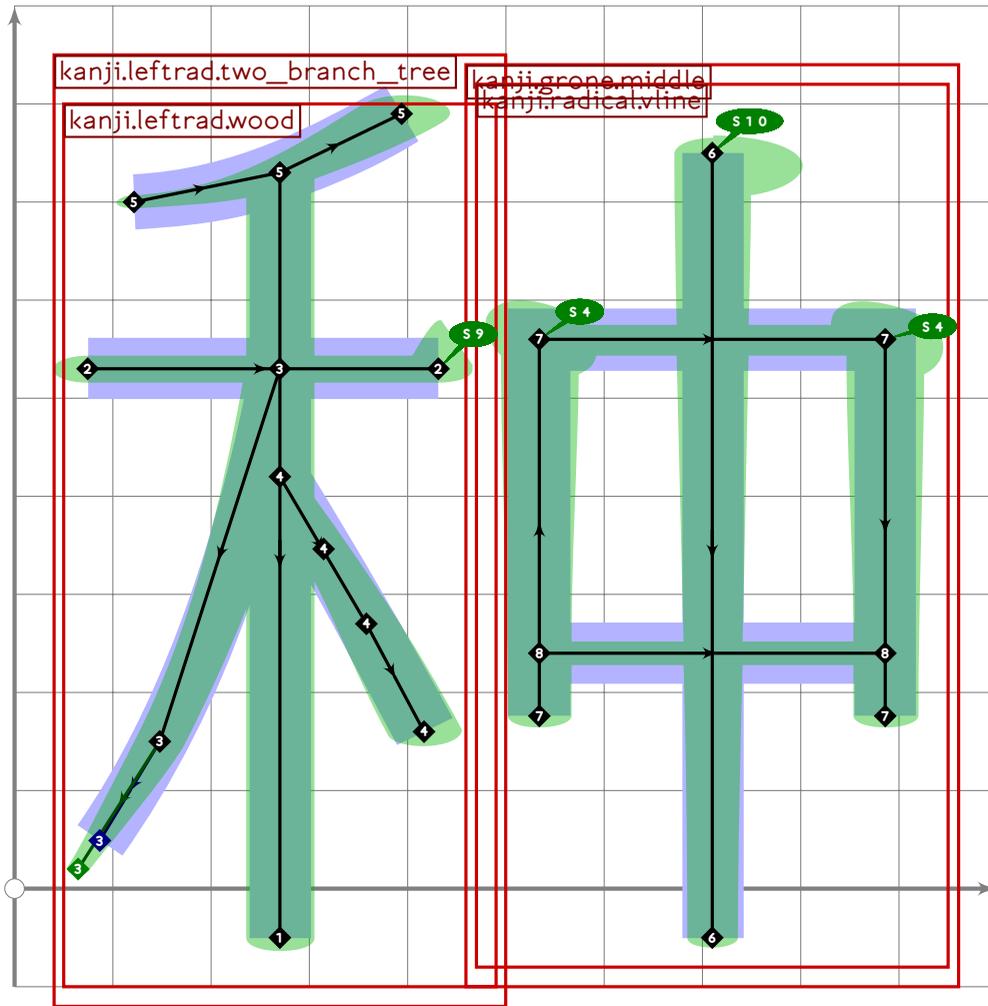


```

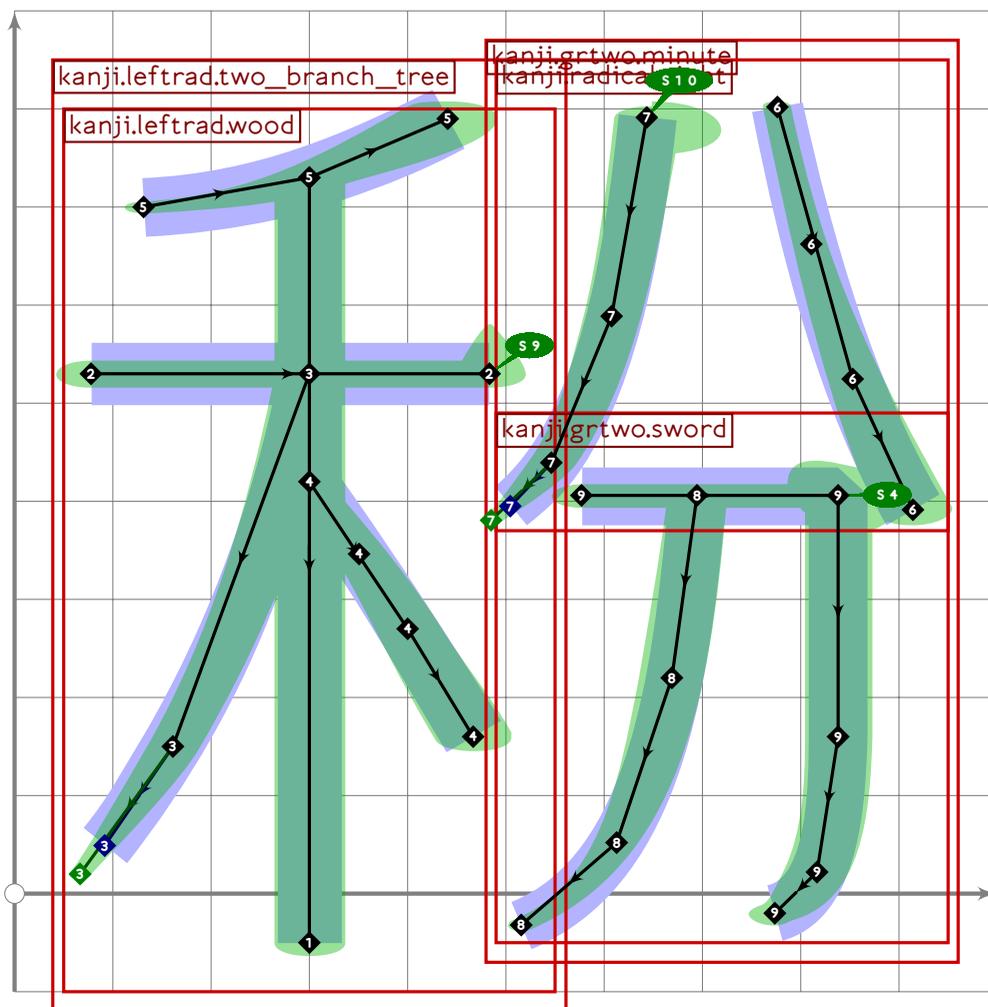
301 % extra
302 begintsuglyph("uni79C8";200);
303 build_kanji.lr(460;20)
304 (kanji.leftrad.two_branch_tree)
305 (kanji.grone.mountain);
306 tsu_render;
307 endsuglyph;
308
309 % shuu/aki "autumn"
310 begintsuglyph("uni79CB";203);
311 kanji.grtwo.autumn;
312 tsu_render;
313 endsuglyph;
314

```

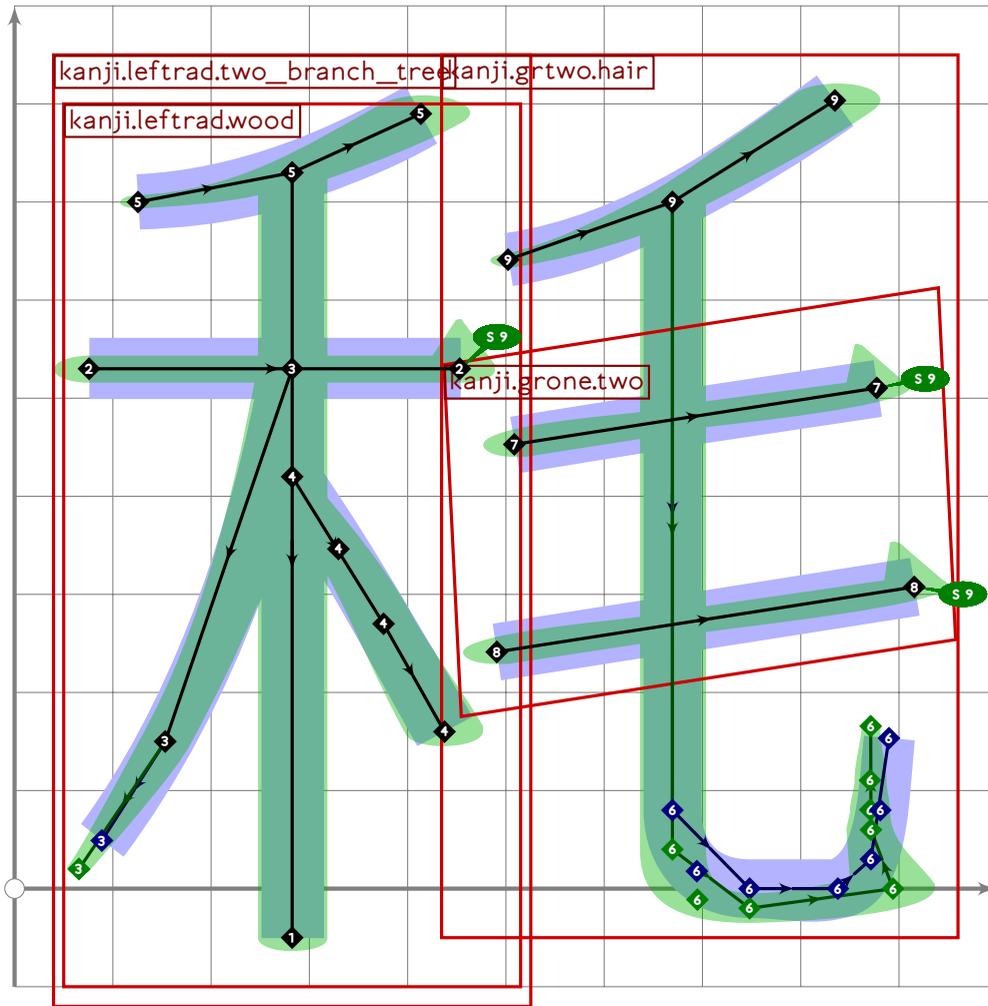
[see page 495]



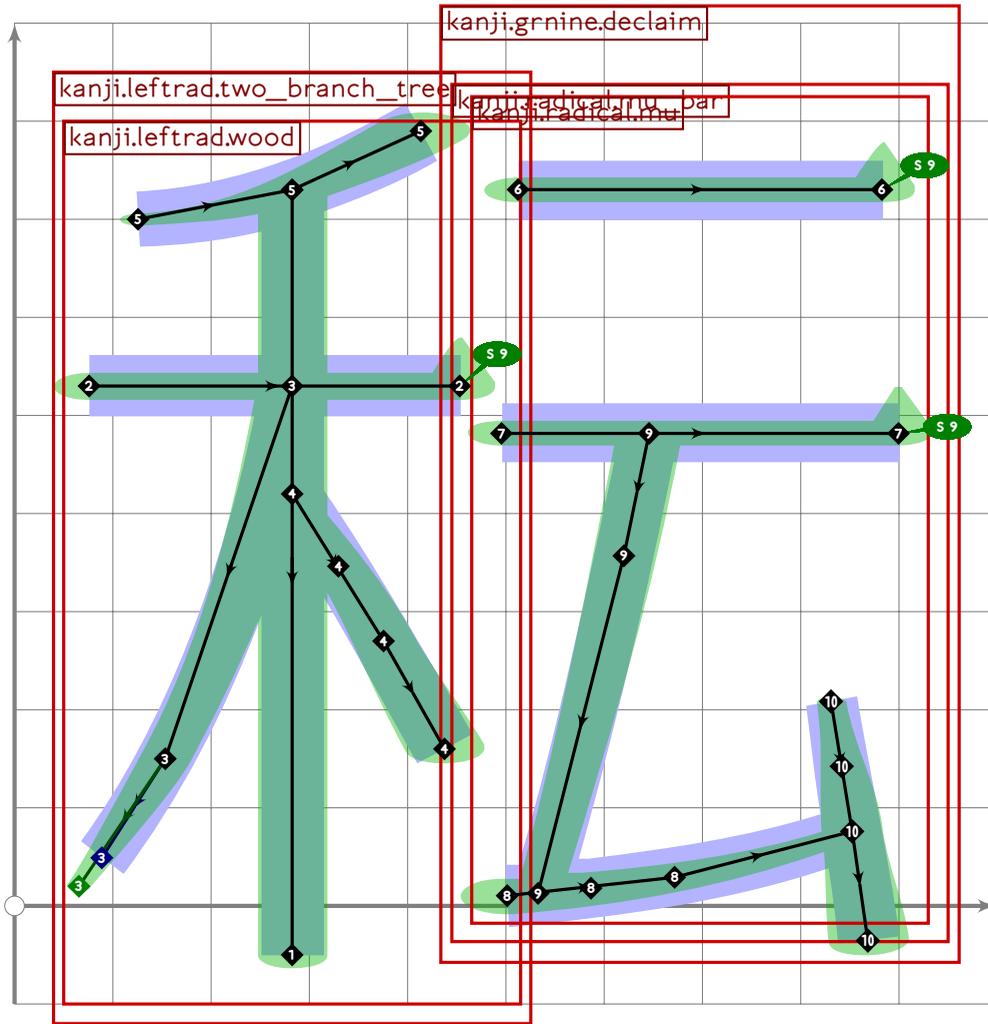
```
315 % extra
316 begintsuglyph("uni79CD";205);
317 build_kanji.lr(480,20)
318 (kanji.leftrad.two_branch_tree)
319 (build_kanji.sscale(shifted (0,30))(kanji.grone.middle));
320 tsu_render;
321 endsuglyph;
322
```



```
323 % extra
324 begintsuglyph("uni79CE";206);
325 build_kanji.lr(520,60)
326 (kanji.leftrad.two_branch_tree)
327 (kanji.grtwo.minute);
328 tsu_render;
329 endsuglyph;
330
```



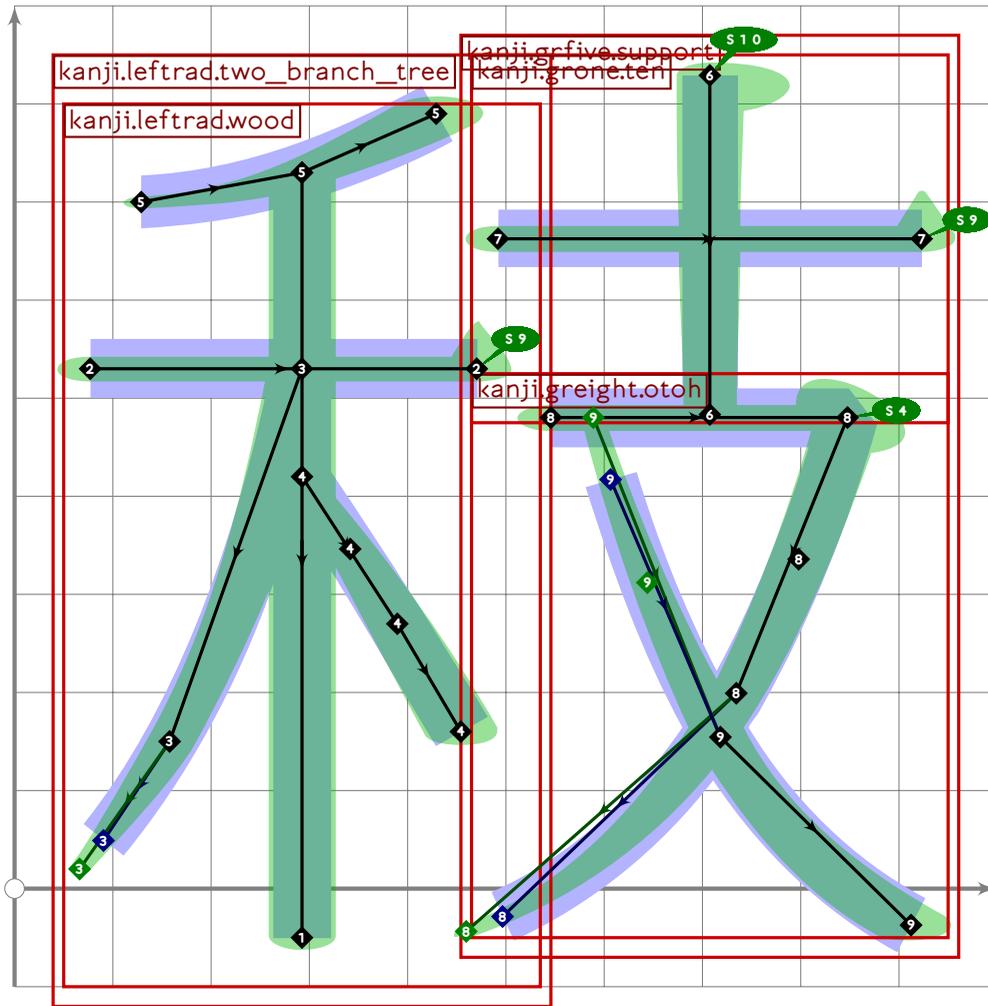
```
331 % extra
332 begintsuglyph("uni79CF";207);
333 build_kanji.lr(480,70)
334 (kanji.leftrad.two_branch_tree)
335 (kanji.grtwo.hair);
336 tsu_render;
337 endsuglyph;
338
```



```
339 % extra
340 begintsuglyph("uni79D0";208);
341 build_kanji.lr(480,70)
342 (kanji.leftrad.two_branch_tree)
343 (build_kanji.sscale(yscaled 1.06 shifted (0,40))(kanji.grnine.declaim));
344 tsu_render;
345 endsuglyph;
346
347 % ka "department"
348 begintsuglyph("uni79D1";209);
349 kanji.grtwo.department;
350 tsu_render;
351 endsuglyph;
352
353 % byou "second of time"
354 begintsuglyph("uni79D2";210);
355 kanji.grthree.second_of_time;
356 tsu_render;
357 endsuglyph;
358
```

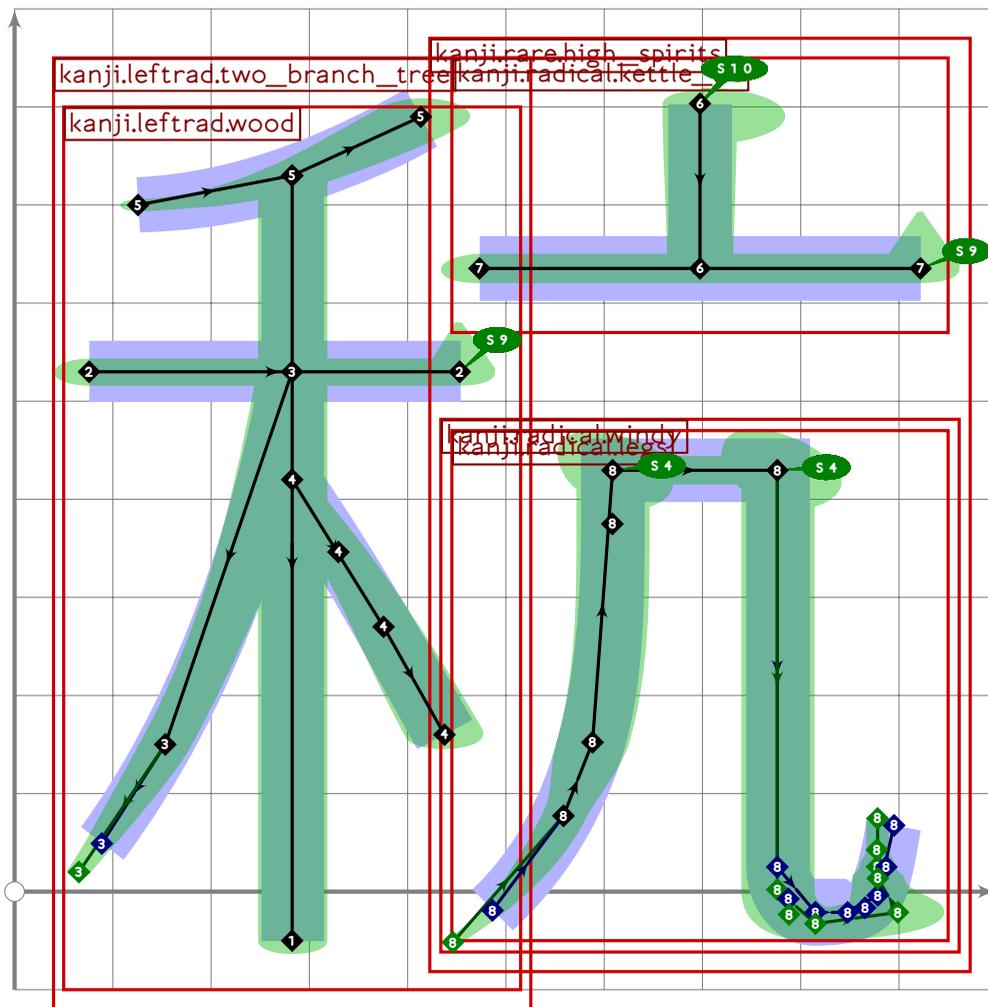
[see page 3574]

[see page 3577]

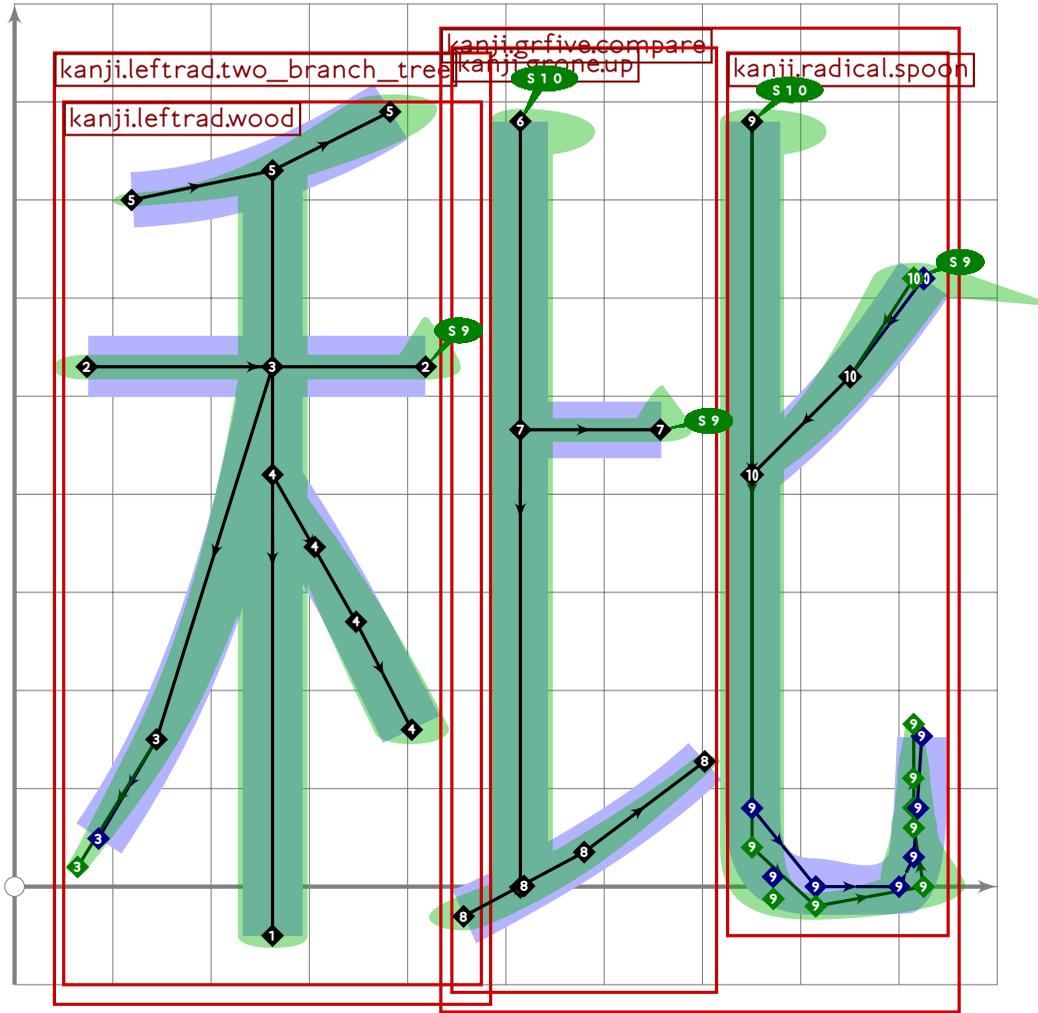


```
359 % extra
360 begintsuglyph("uni79D3";211);
361 build_kanji.level(build_kanji.lr(500,70)
362 (kanji.leftrad.two_branch_tree)
363 (kanji.grfive.support));
364 tsu_render;
365 endsuglyph;
366
```

U+79D4  
tsuku.uni79D4

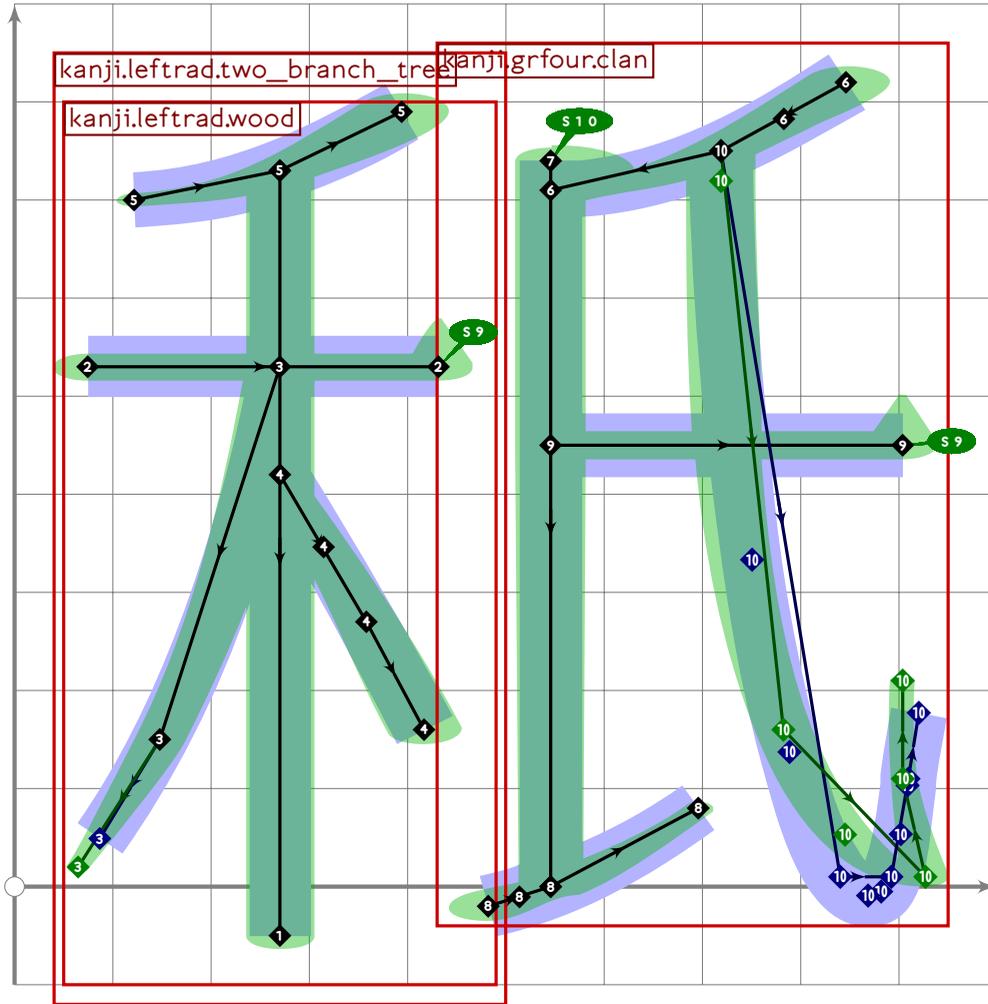


```
367 % extra
368 begintsuglyph("uni79D4";212);
369 build_kanji.lr(480,70)
370 (kanji.leftrad.two_branch_tree)
371 (kanji.rare.high_spirits);
372 tsu_render;
373 endsuglyph;
374
```

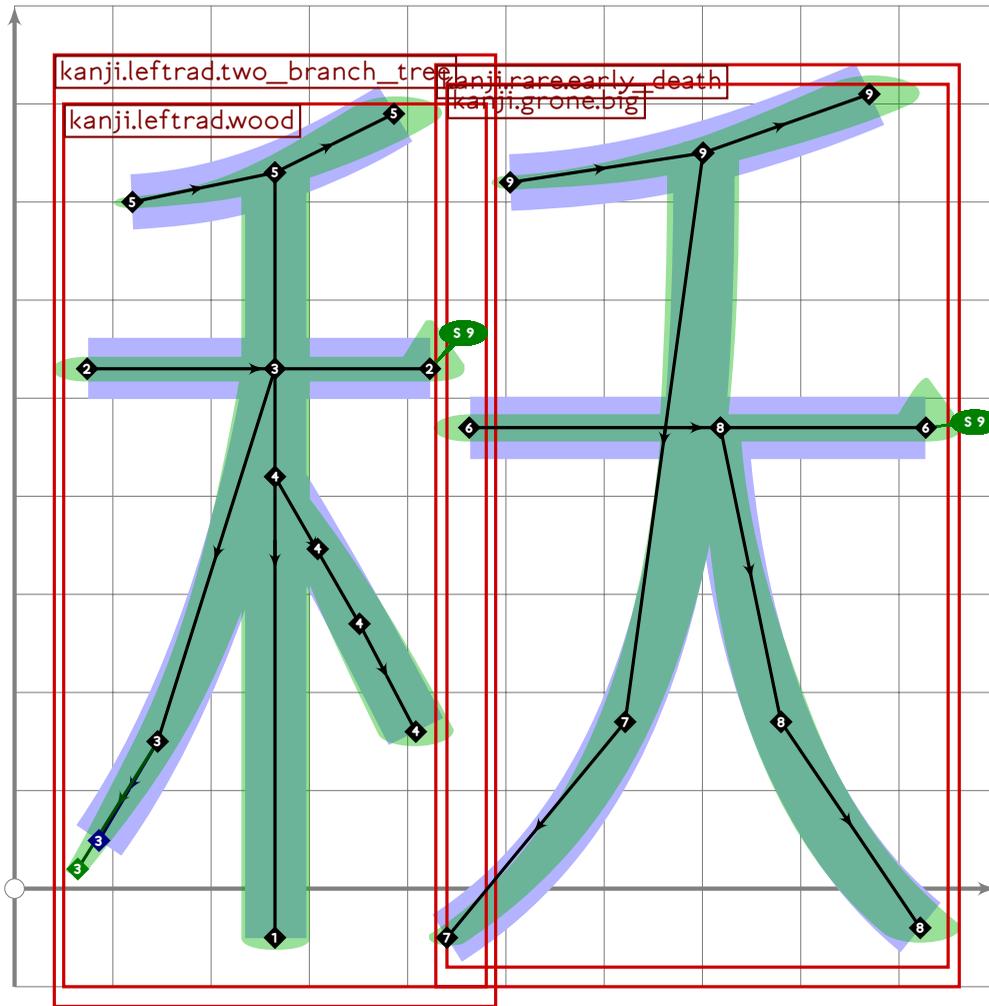


```
375 % extra
376 begintsuglyph("uni79D5";213);
377 build_kanji.lr(460,30)
378 (kanji.leftrad.two_branch_tree)
379 (kanji.grfive.compare);
380 tsu_render;
381 endtsuglyph;
382
```

U+79D6  
tsuku.uni79D6



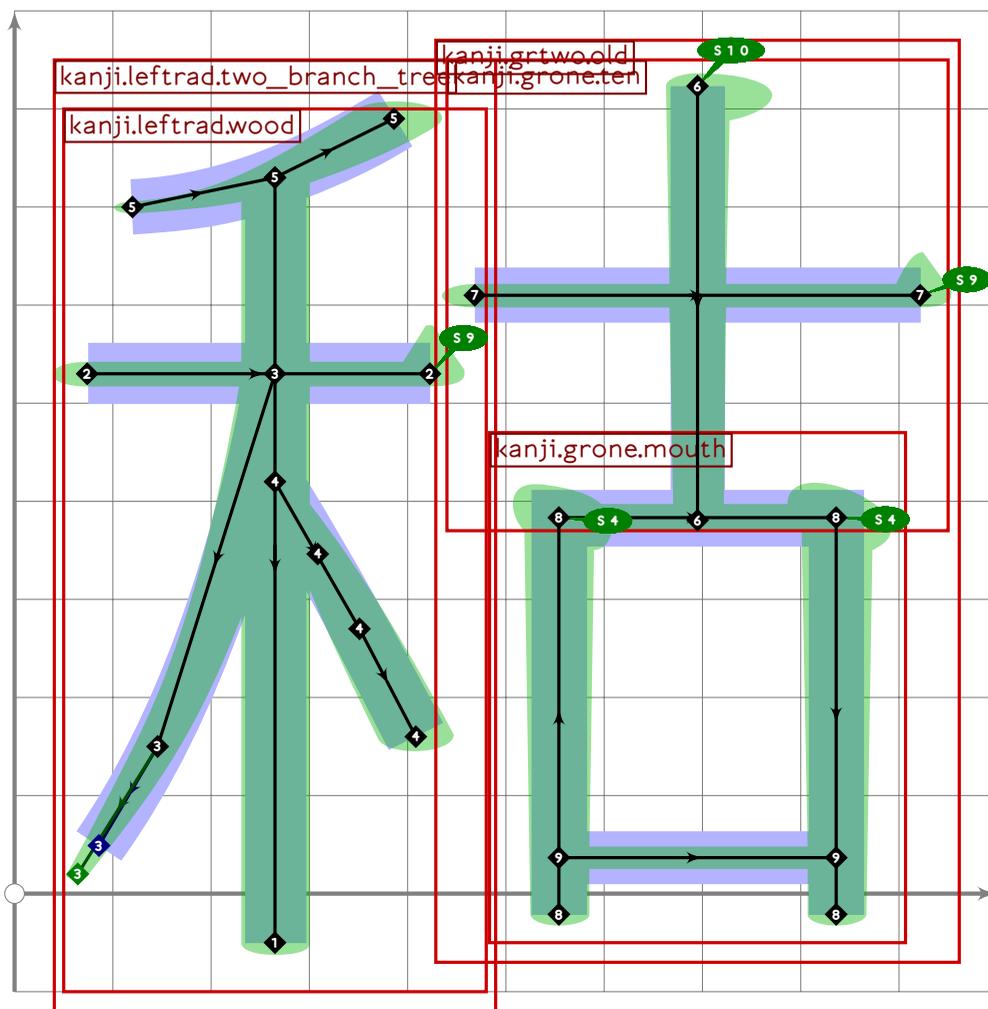
```
383 % extra
384 begintsuglyph("uni79D6";214);
385 build_kanji.lr(460,60)
386 (kanji.leftrad.two_branch_tree)
387 (build_kanji.sscale(shifted (0,10))(kanji.grfour.clan));
388 tsu_render;
389 endsuglyph;
390
```



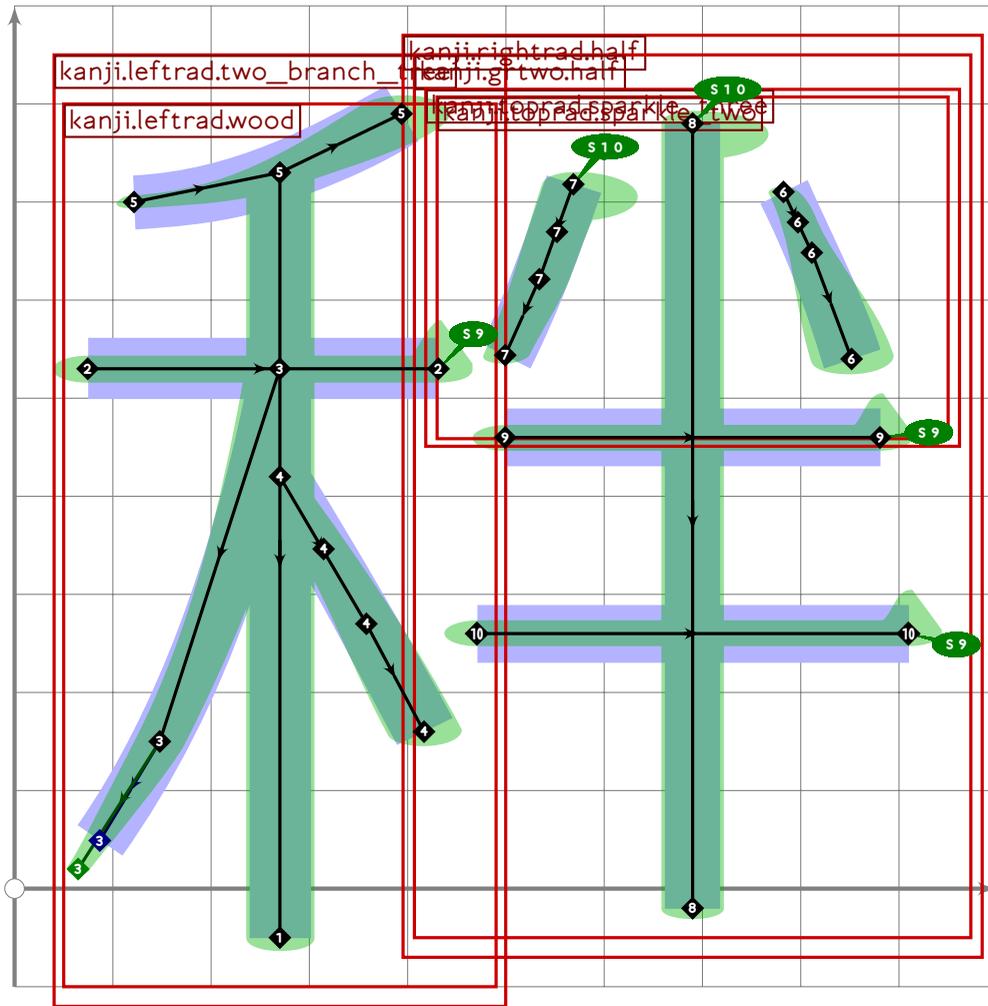
```
391 % extra
392 begintsuglyph("uni79D7";215);
393 build_kanji.lr(460,40)
394 (kanji.leftrad.two_branch_tree)
395 (build_kanji.sscale(shifted (0,-30))(kanji.rare.early_death));
396 tsu_render;
397 endsuglyph;
398
399 % hi as in himitsu "secret"
400 begintsuglyph("uni79D8";216);
401 kanji.grsix.secret;
402 tsu_render;
403 endsuglyph;
404
```

[see page 3582]

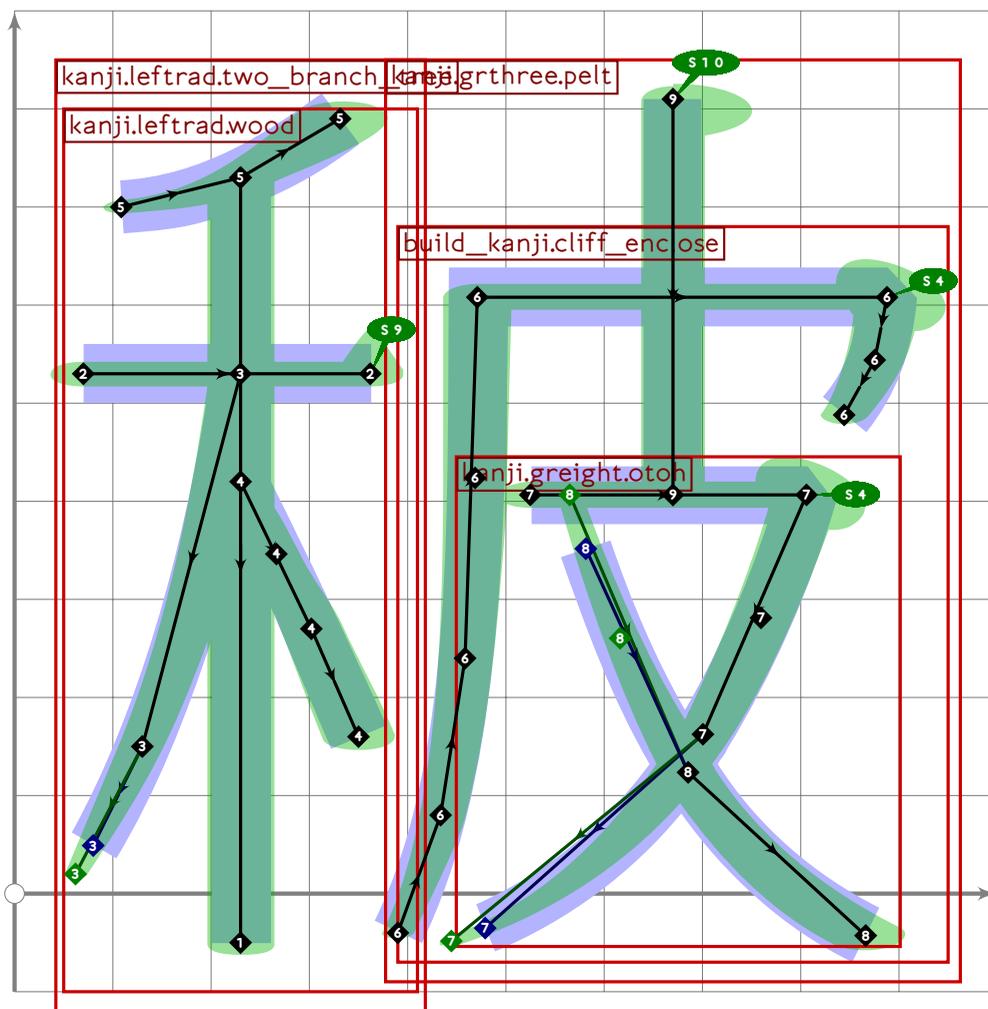
U+79D9  
tsuku.uni79D9



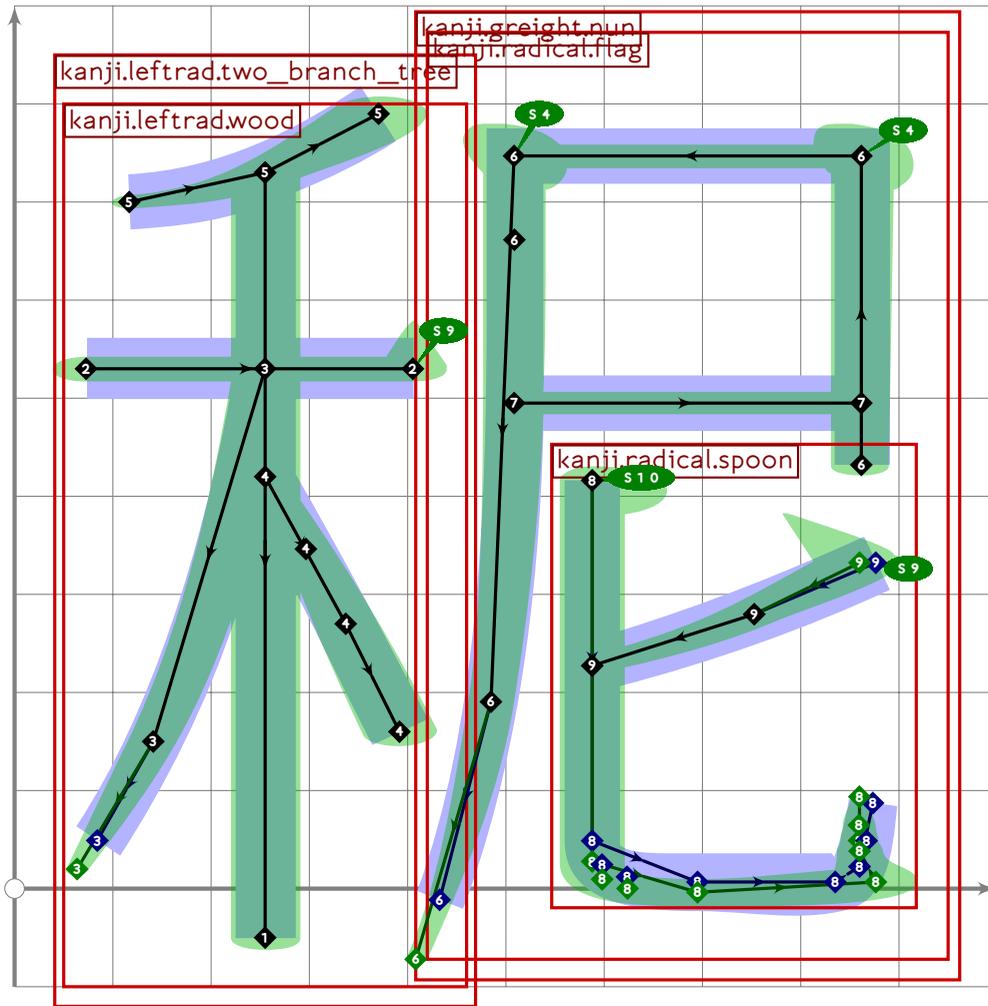
```
405 % extra
406 begintsuglyph("uni79D9";217);
407 build_kanji.lr(460,40)
408 (kanji.leftrad.two_branch_tree)
409 (kanji.grtwo.old);
410 tsu_render;
411 endsuglyph;
412
```



```
413 % extra
414 begintsuglyph("uni79DA";218);
415 build_kanji.lr(460,60)
416 (kanji.leftrad.two_branch_tree)
417 (kanji.rightrad.half);
418 tsu_render;
419 endsuglyph;
420
```

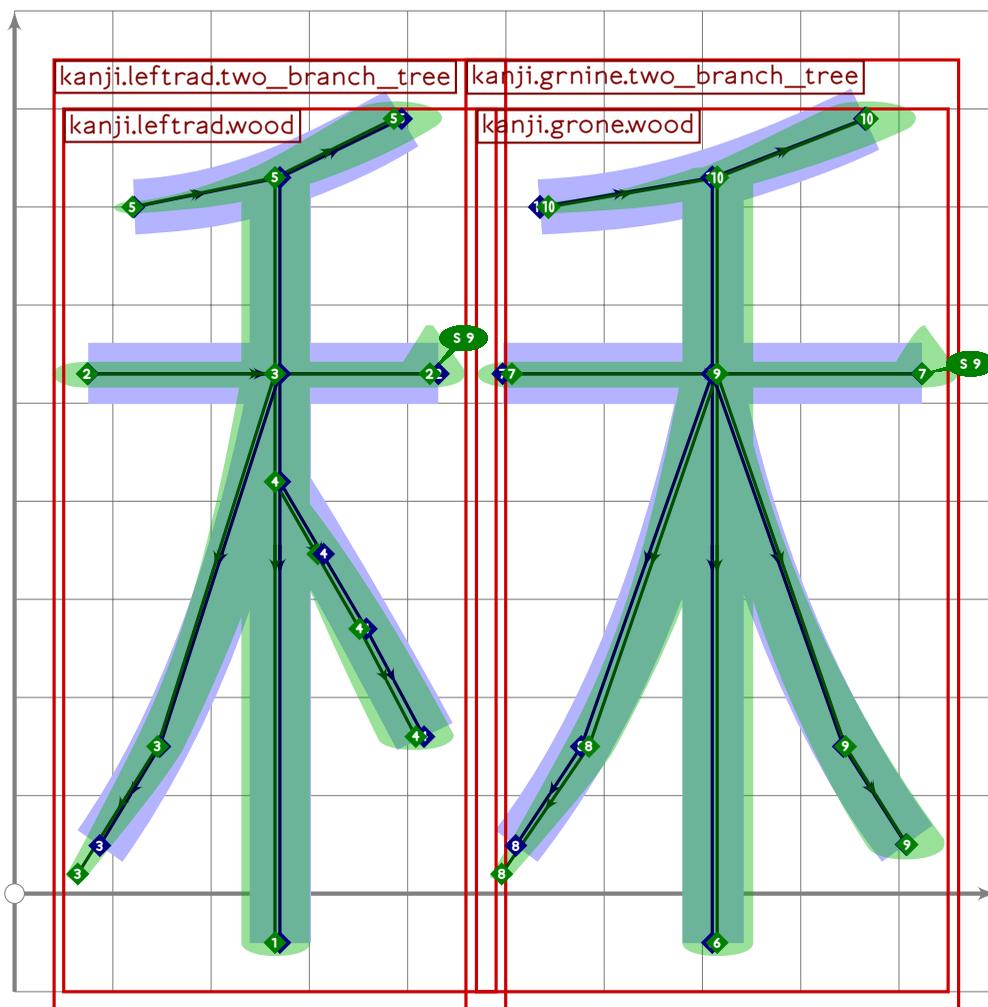


```
421 % extra
422 begintsuglyph("uni79DB";219);
423 build_kanji.lr(400,20)
424 (kanji.leftrad.two_branch_tree)
425 (kanji.grthree.pelt);
426 tsu_render;
427 endsuglyph;
428
```

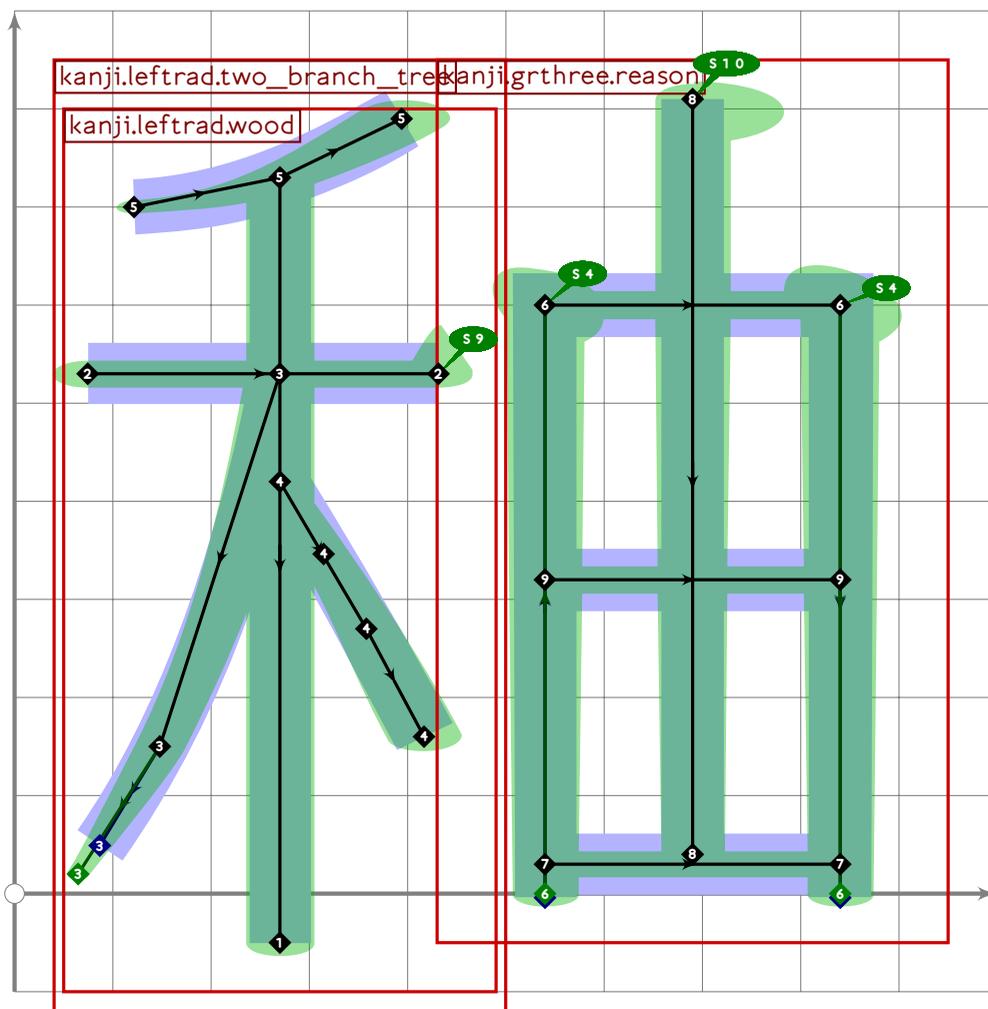


```
429 % extra
430 begintsuglyph("uni79DC";220);
431 build_kanji.lr(440,40)
432 (kanji.leftrad.two_branch_tree)
433 (build_kanji.sscale(yscaled 1.05)(kanji.greight.nun));
434 tsu_render;
435 endtsuglyph;
436
```

U+79DD  
tsuku.uni79DD



```
437 % extra
438 begintsuglyph("uni79DD";221);
439 build_kanji.lr(480,20-20*mincho)
440 (kanji.leftrad.two_branch_tree)
441 (kanji.grnine.two_branch_tree);
442 tsu_render;
443 endtsuglyph;
444
```



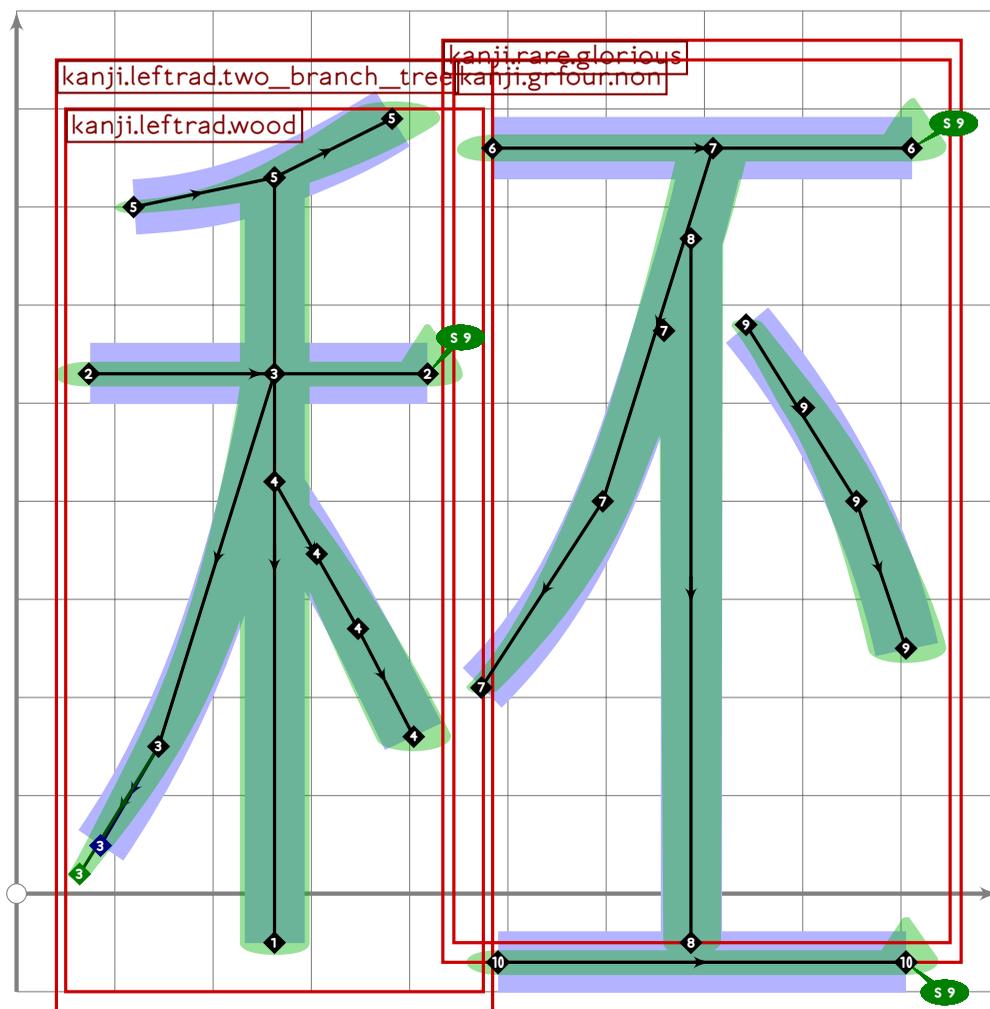
```

445 % extra
446 begintsuglyph("uni79DE";222);
447 build_kanji.lr(460,60)
448 (kanji.leftrad.two_branch_tree)
449 (kanji.grthree.reason);
450 tsu_render;
451 endsuglyph;
452
453 % so "crop tax"
454 begintsuglyph("uni79DF";223);
455 kanji.greight.crop_tax;
456 tsu_render;
457 endsuglyph;
458

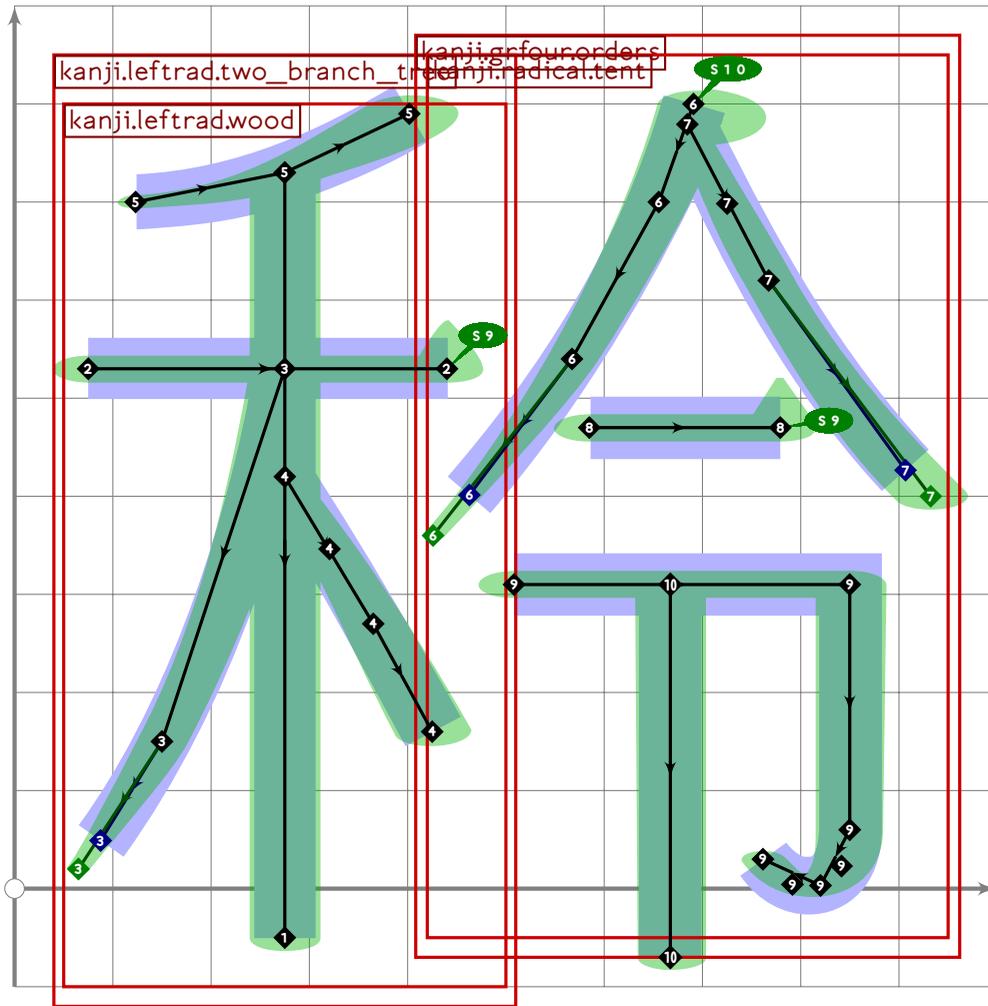
```

[see page 3583]

U+79E0  
tsuku.uni79E0

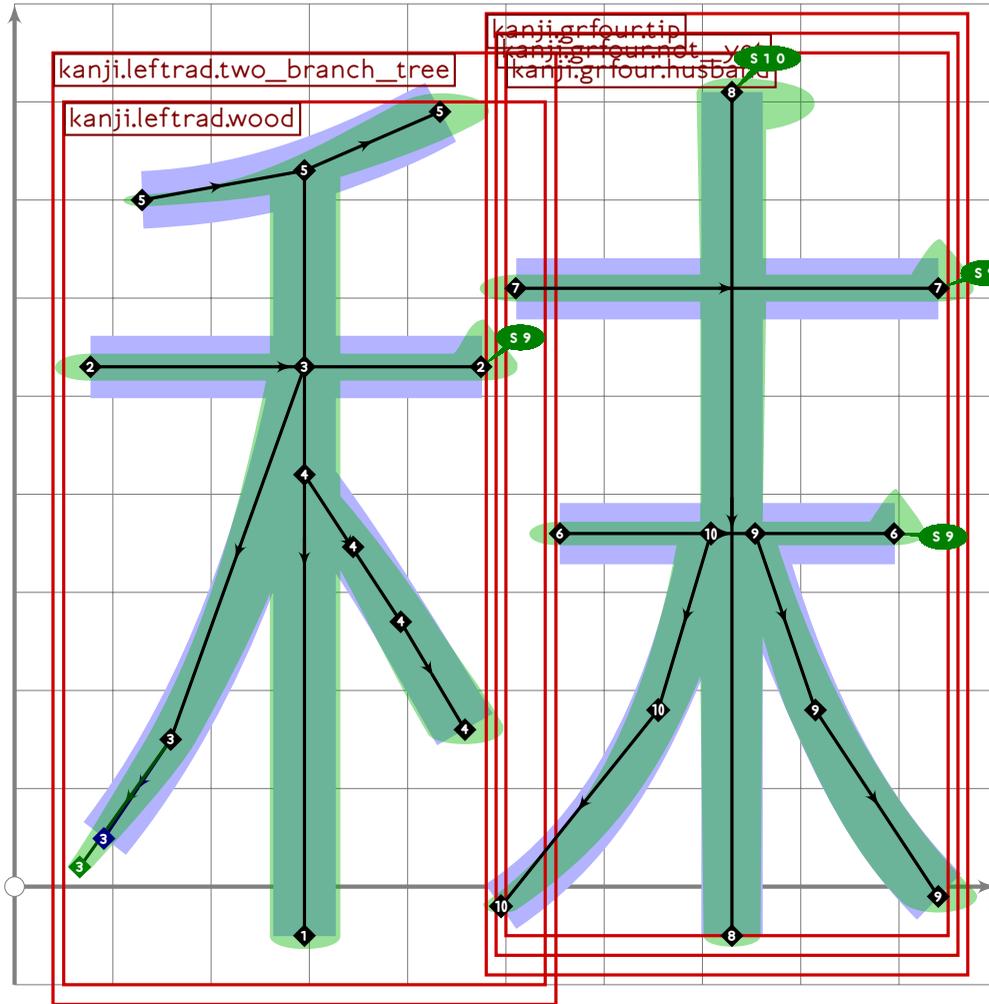


```
459 % extra
460 begintsuglyph("uni79E0",224);
461 build_kanji.lr(460,30)
462 (kanji.leftrad.two_branch_tree)
463 (kanji.rare.glorious);
464 tsu_render;
465 endsuglyph;
466
```



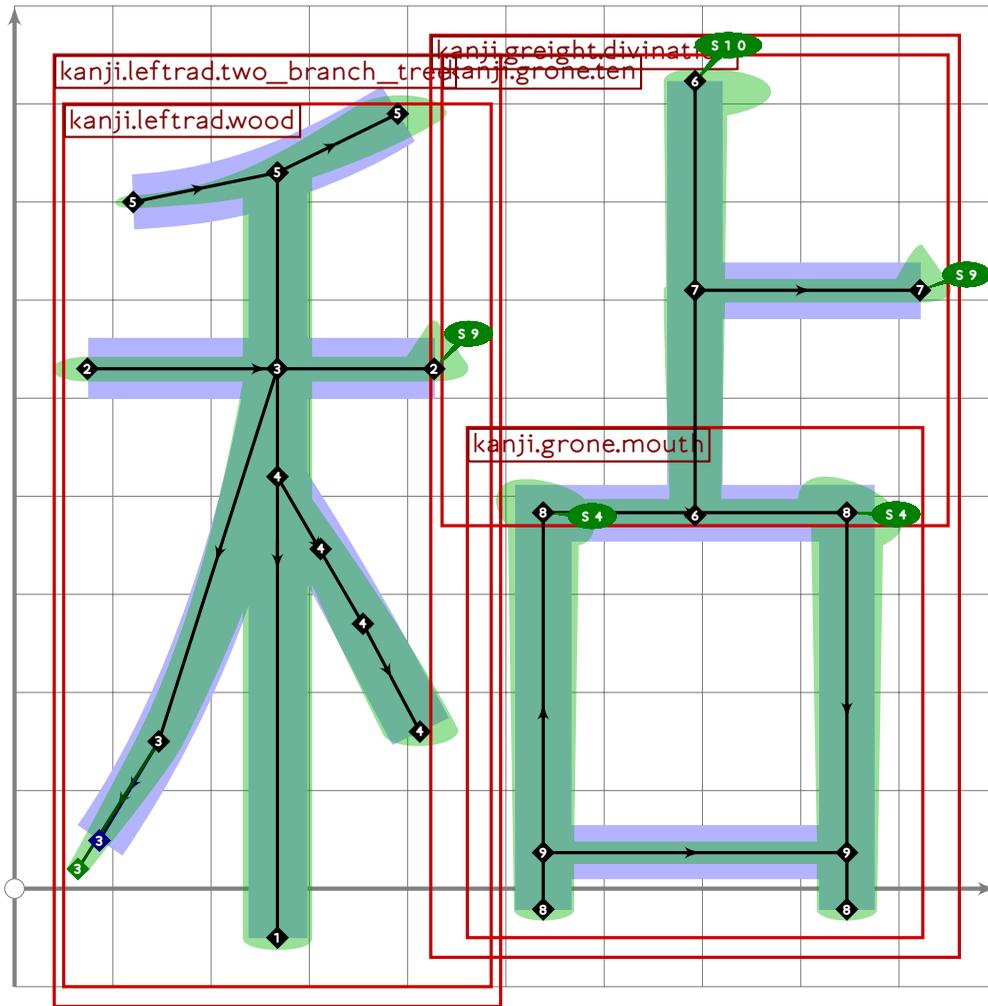
```
467 % extra
468 begintsuglyph("uni79E2",226);
469 build_kanji.lr(460,80)
470 (kanji.leftrad.two_branch_tree)
471 (kanji.grfour.orders);
472 tsu_render;
473 endtsuglyph;
474
```

U+79E3  
tsuku.uni79E3



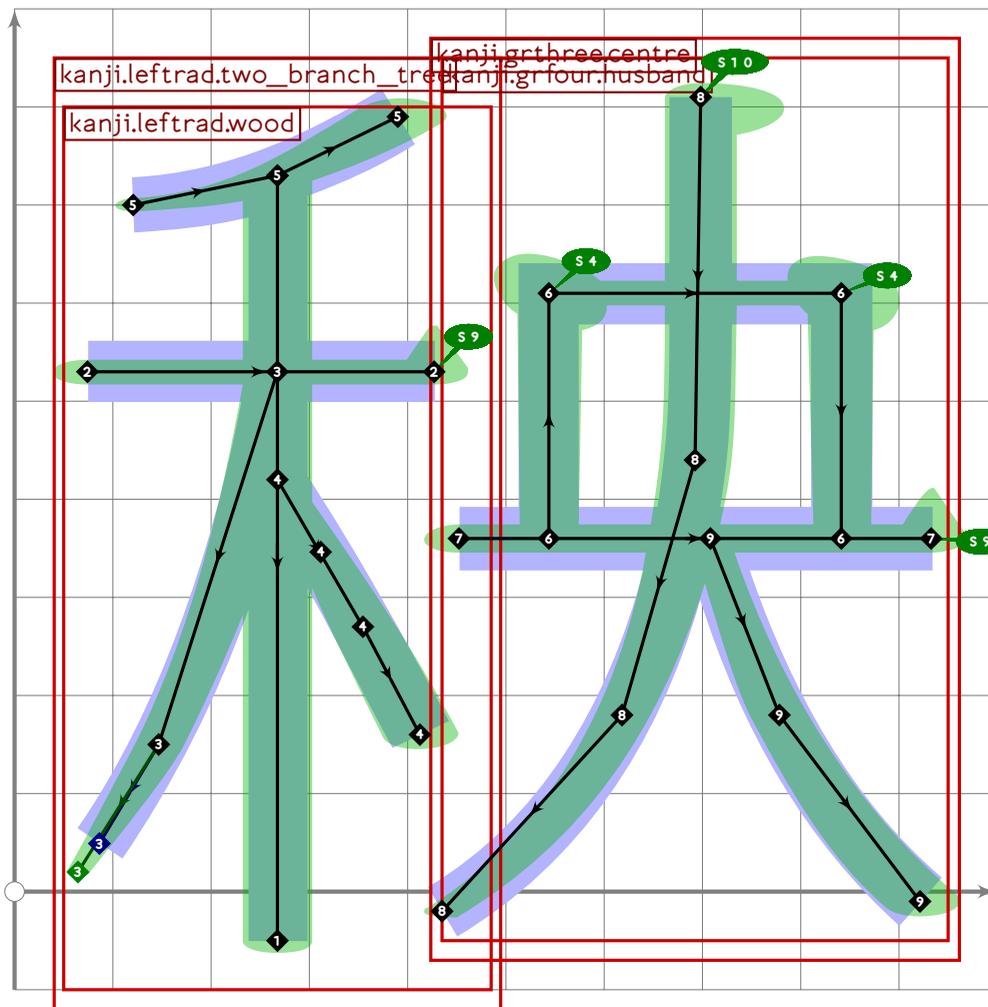
```
475 % extra
476 begintsuglyph("uni79E3";227);
477 build_kanji.lr(520,40)
478 (kanji.leftrad.two_branch_tree)
479 (kanji.grfour.tip);
480 tsu_render;
481 endsuglyph;
482
483 % shou/hakari "weigh_scale"
484 begintsuglyph("uni79E4";228);
485 kanji.grnine.weigh_scale;
486 tsu_render;
487 endsuglyph;
488
```

[see page 3586]

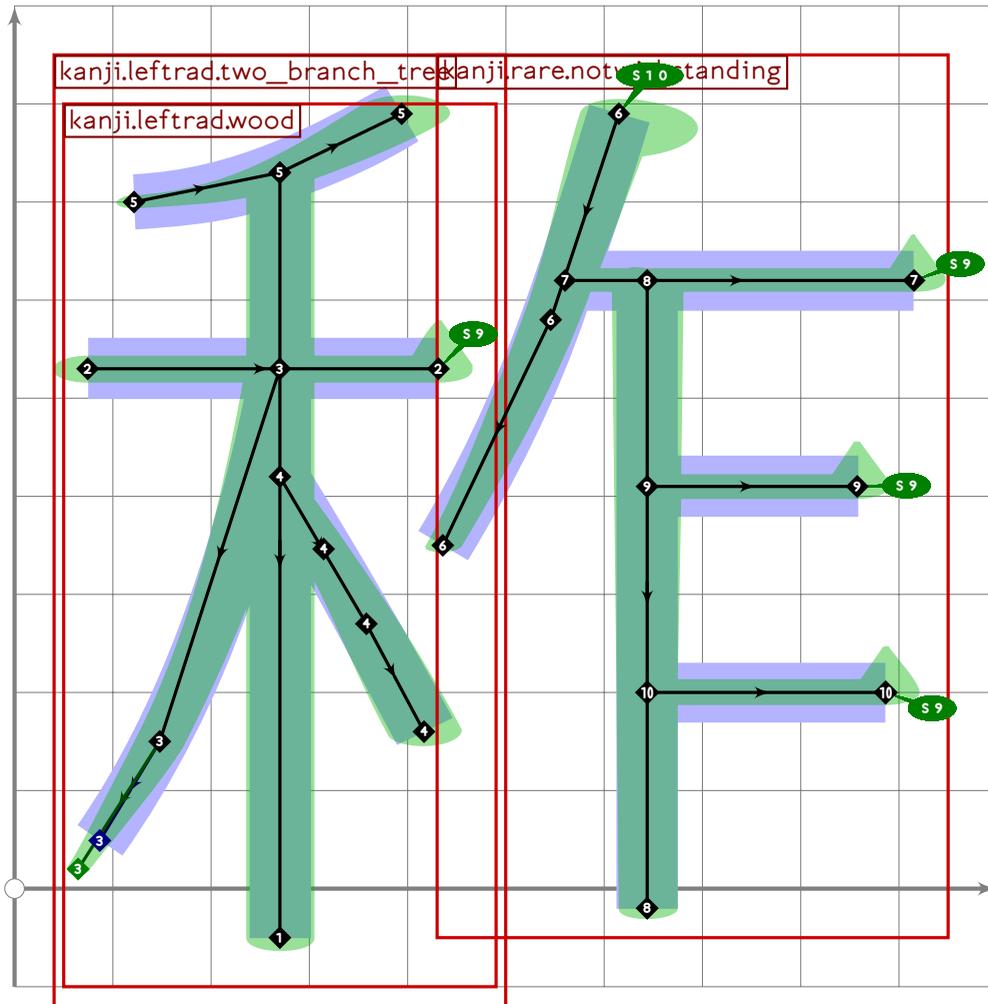


```
489 % extra
490 begintsuglyph("uni79E5",229);
491 build_kanji.lr(460,50)
492 (kanji.leftrad.two_branch_tree)
493 (kanji.greight.divination);
494 tsu_render;
495 endtsuglyph;
496
```

U+79E7  
tsuku.uni79E7



```
497 % extra
498 begintsuglyph("uni79E7",231);
499 build_kanji.lr(460,50)
500 (kanji.leftrad.two_branch_tree)
501 (kanji.grthree centre);
502 tsu_render;
503 endsuglyph;
504
```



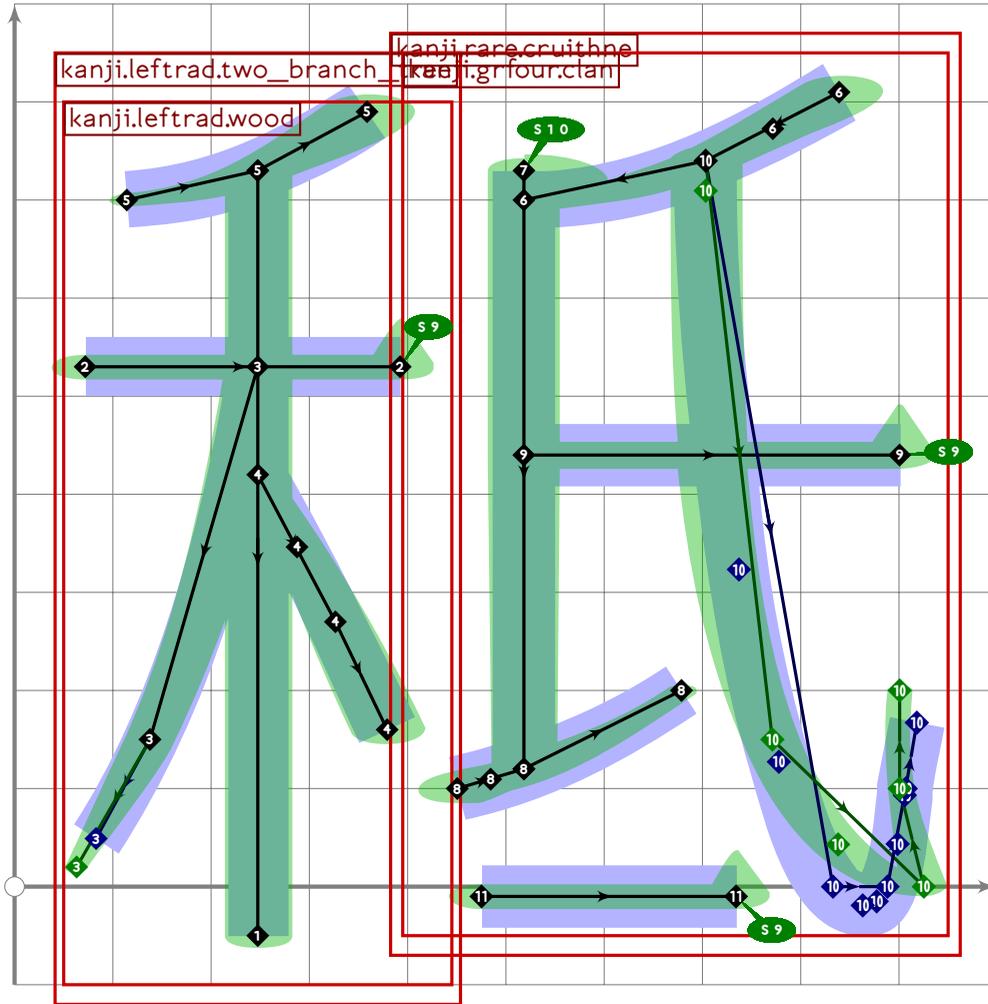
```

505 % extra
506 begintsuglyph("uni79E8";232);
507 build_kanji.lr(460,60)
508 (kanji.leftrad.two_branch_tree)
509 (kanji.rare.notwithstanding);
510 tsu_render;
511 endsuglyph;
512
513 % chitsu/chichi "regularity"
514 begintsuglyph("uni79E9";233);
515 kanji.greight.regularity;
516 tsu_render;
517 endsuglyph;
518

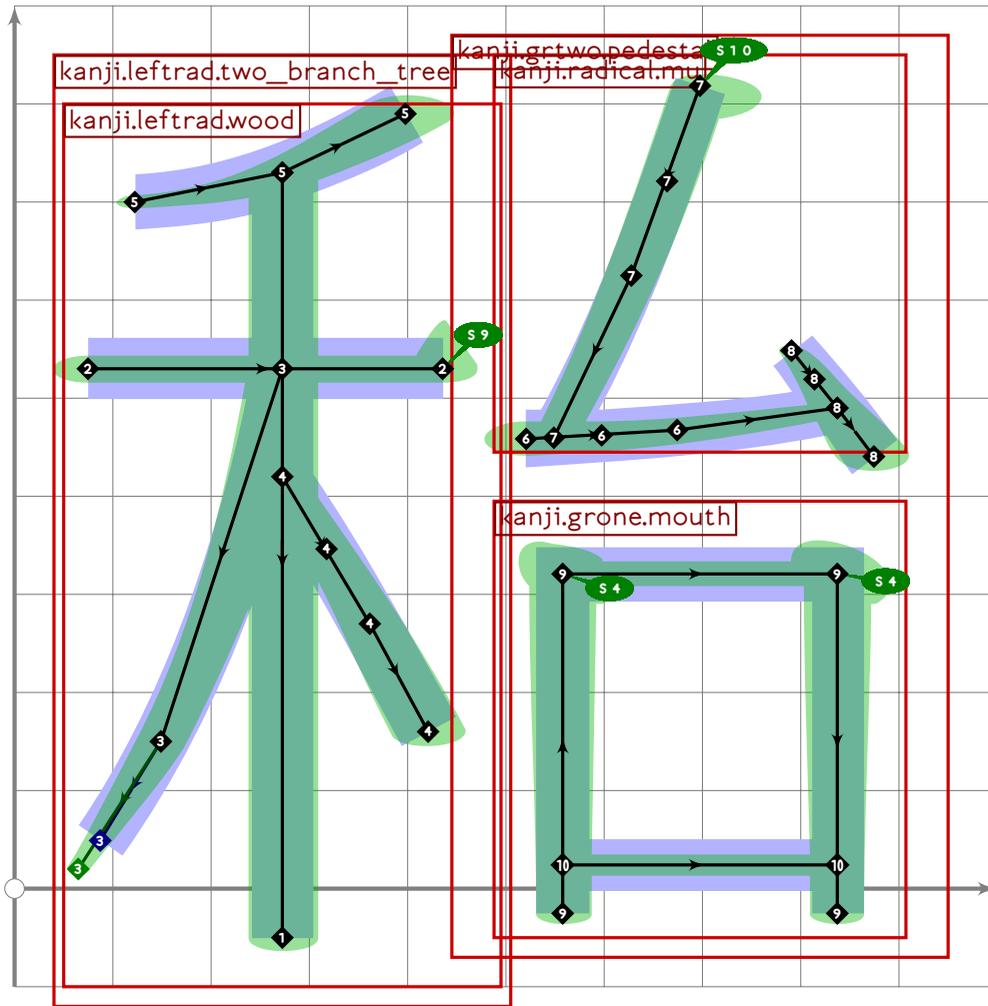
```

[see page 3584]

U+79EA  
tsuku.uni79EA

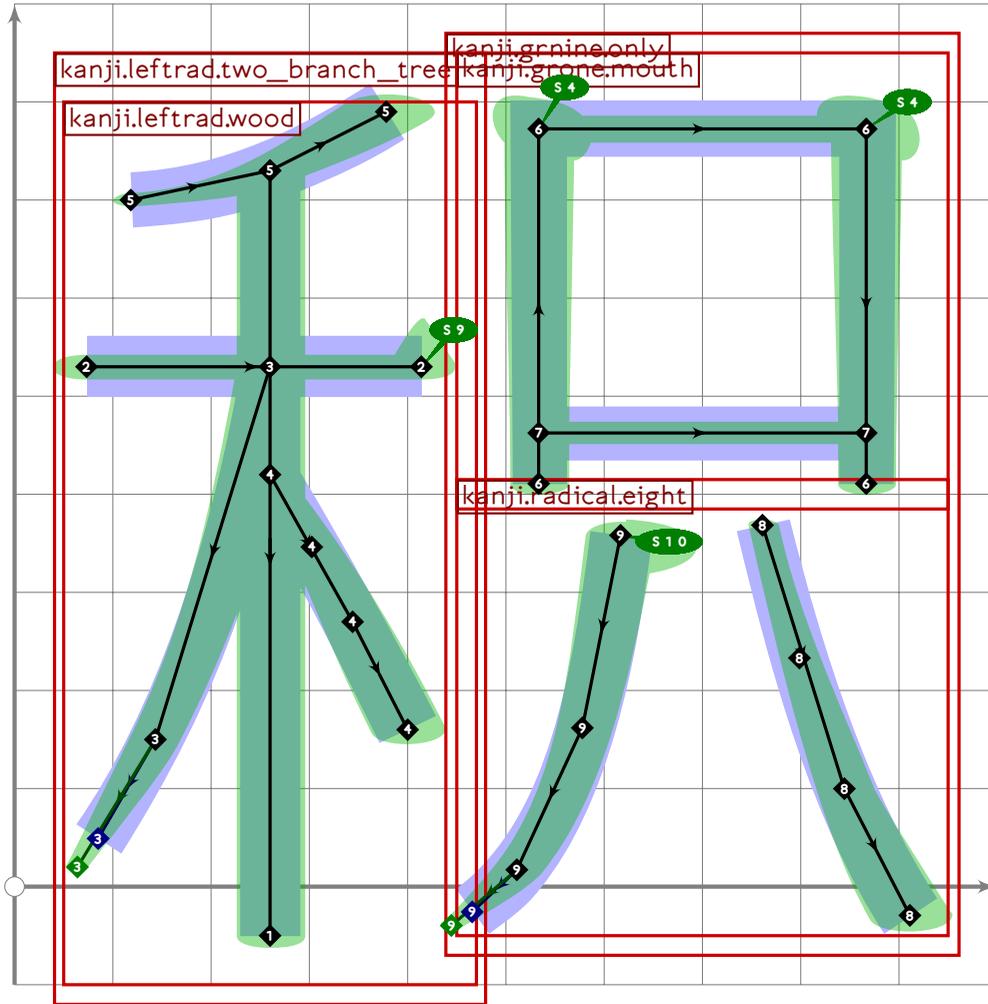


```
519 % extra
520 begintsuglyph("uni79EA";234);
521 build_kanji.lr(420,50)
522 (kanji.leftrad.two_branch_tree)
523 (kanji.rare.cruithne);
524 tsu_render;
525 endtsuglyph;
526
```

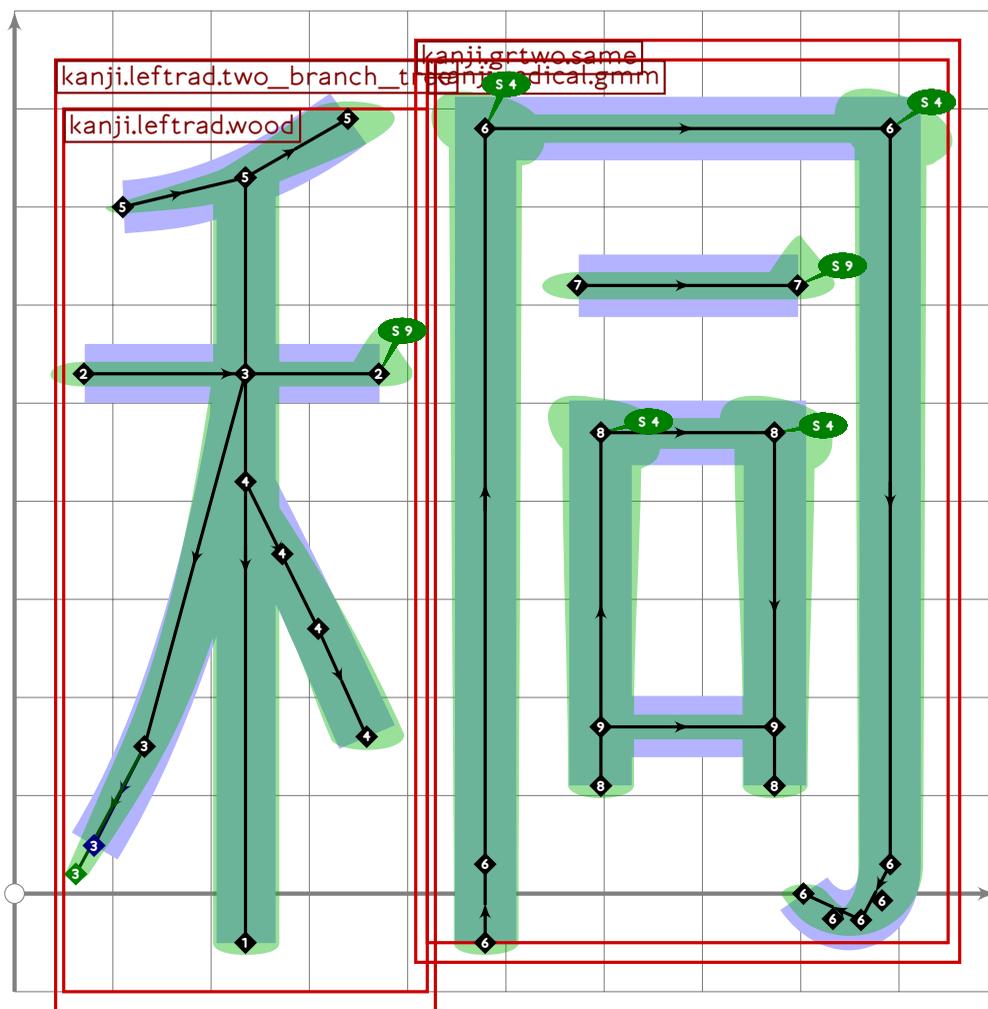


```
527 % extra
528 begintsuglyph("uni79EE",238);
529 build_kanji.lr(470,50)
530 (kanji.leftrad.two_branch_tree)
531 (kanji.grtwo.pedestal);
532 tsu_render;
533 endsuglyph;
534
```

U+79EF  
tsuku.uni79EF

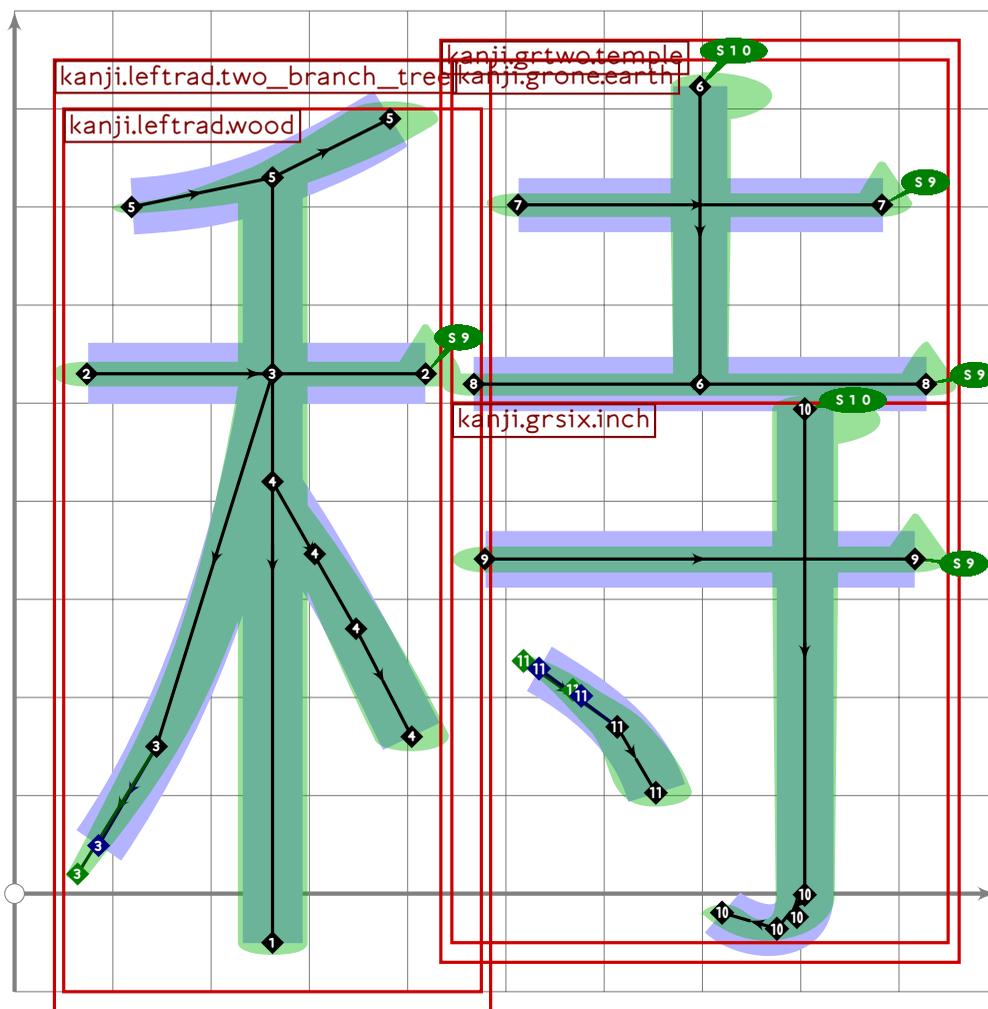


```
535 % extra
536 begintsuglyph("uni79EF",239);
537 build_kanji.lr(460,20)
538 (kanji.leftrad.two_branch_tree)
539 (kanji.grnine.only);
540 tsu_render;
541 endsuglyph;
542
```

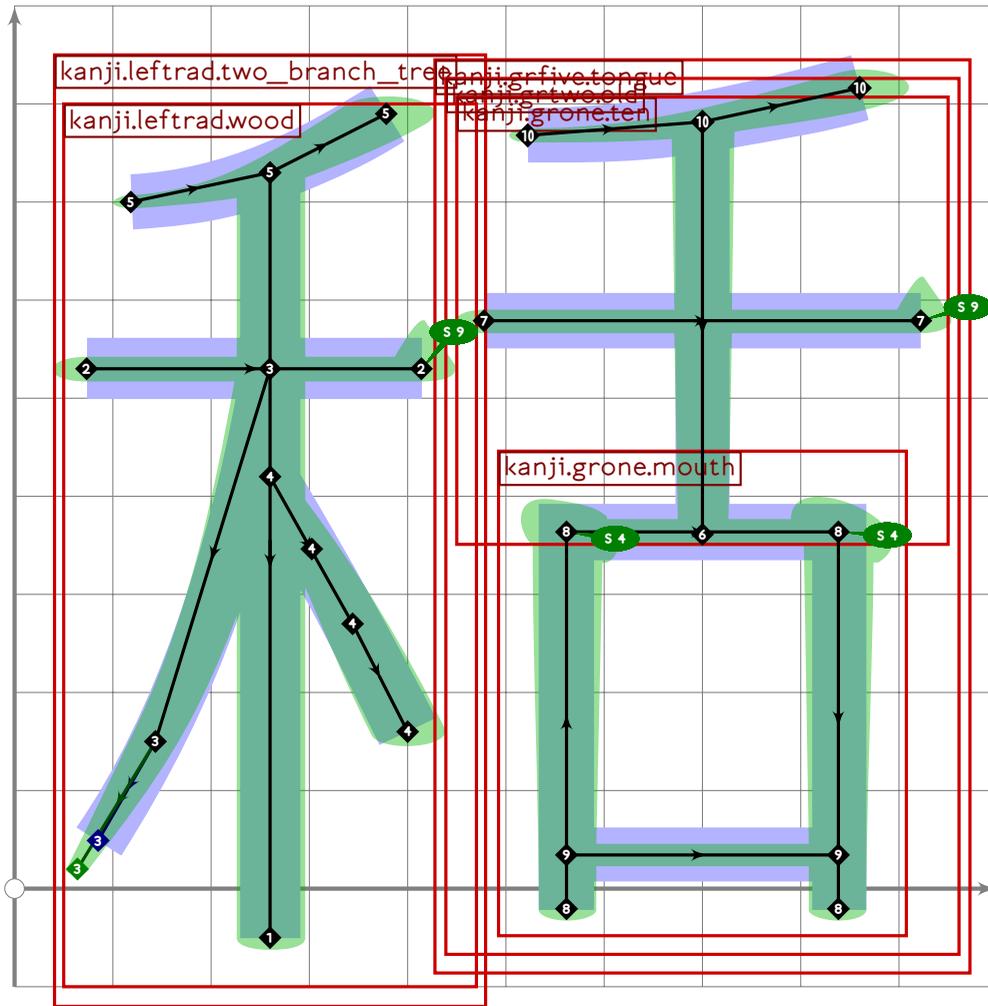


```
543 % extra
544 begintsuglyph("uni79F1";241);
545 build_kanji.lr(420,0)
546 (kanji.leftrad.two_branch_tree)
547 (kanji.grtwo.same);
548 tsu_render;
549 endtsuglyph;
550
```

U+79F2  
tsuku.uni79F2

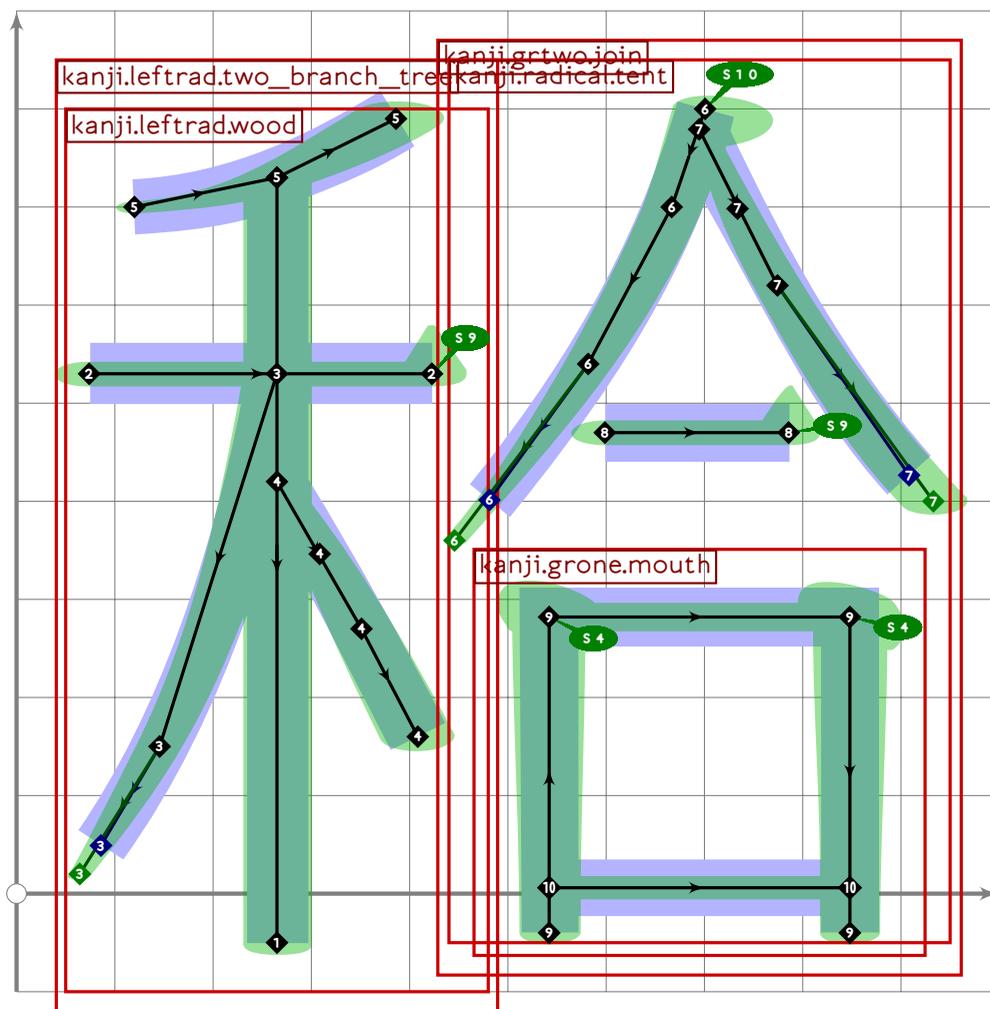


```
551 % extra
552 begintsuglyph("uni79F2",242);
553 build_kanji.lr(460,30)
554 (kanji.leftrad.two_branch_tree)
555 (kanji.grtwo.temple);
556 tsu_render;
557 endsuglyph;
558
```

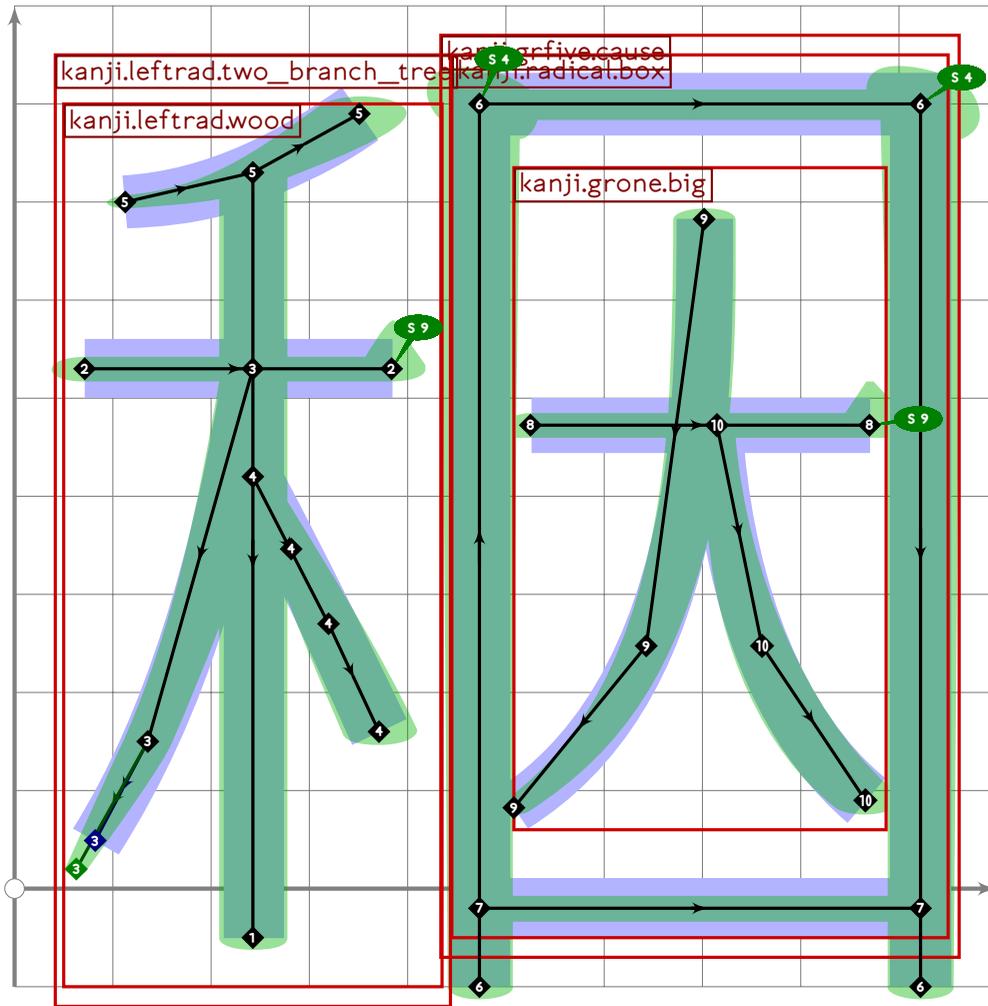


```
559 % extra
560 begintsuglyph("uni79F3",243);
561 build_kanji.lr(460,20)
562 (kanji.leftrad.two_branch_tree)
563 (build_kanji.sscale(yscaled 0.95 shifted (0,-20))(kanji.grfive.tongue));
564 tsu_render;
565 endsuglyph;
566
```

U+79F4  
tsuku.uni79F4

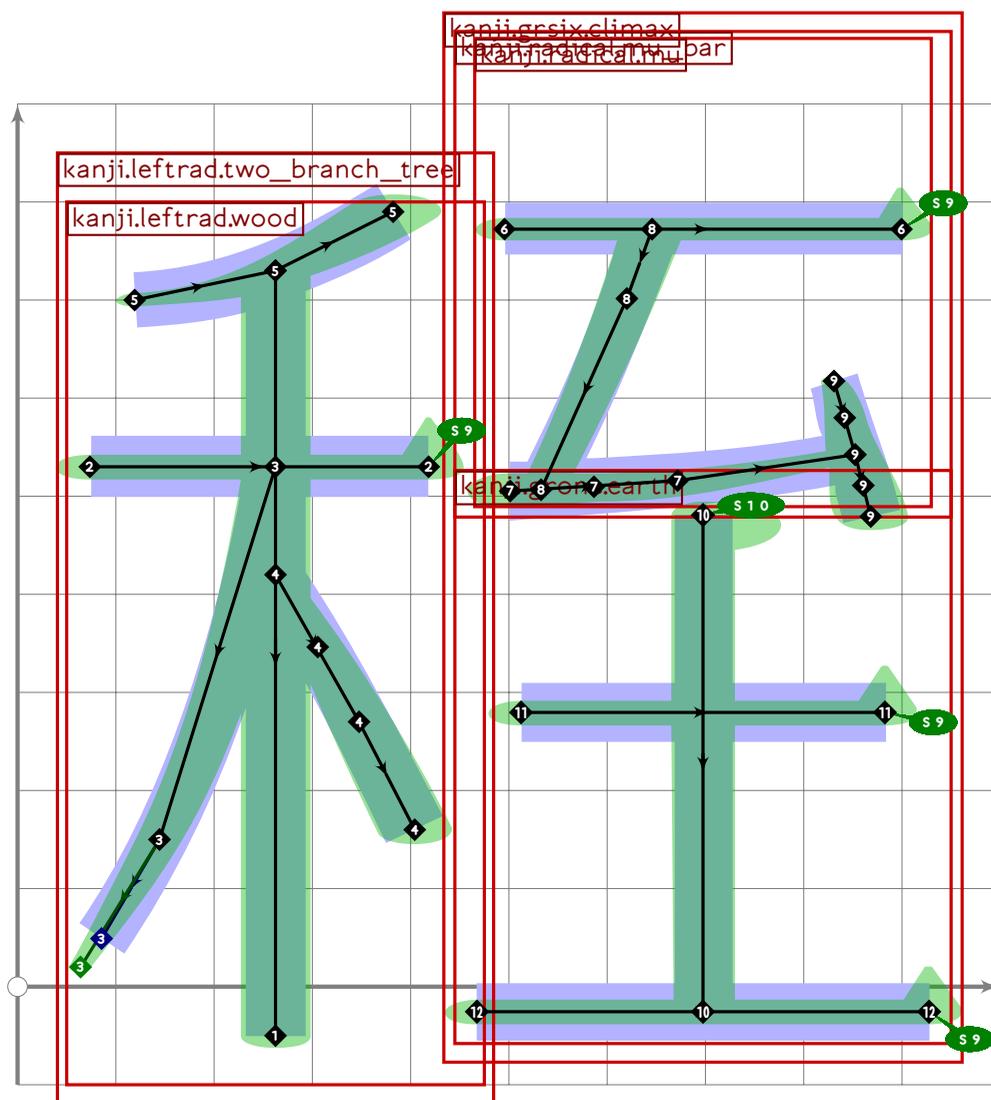


```
567 % extra
568 begintsuglyph("uni79F4";244);
569 build_kanji.lr(460,40)
570 (kanji.leftrad.two_branch_tree)
571 (kanji.grtwo.join);
572 tsu_render;
573 endsuglyph;
574
```

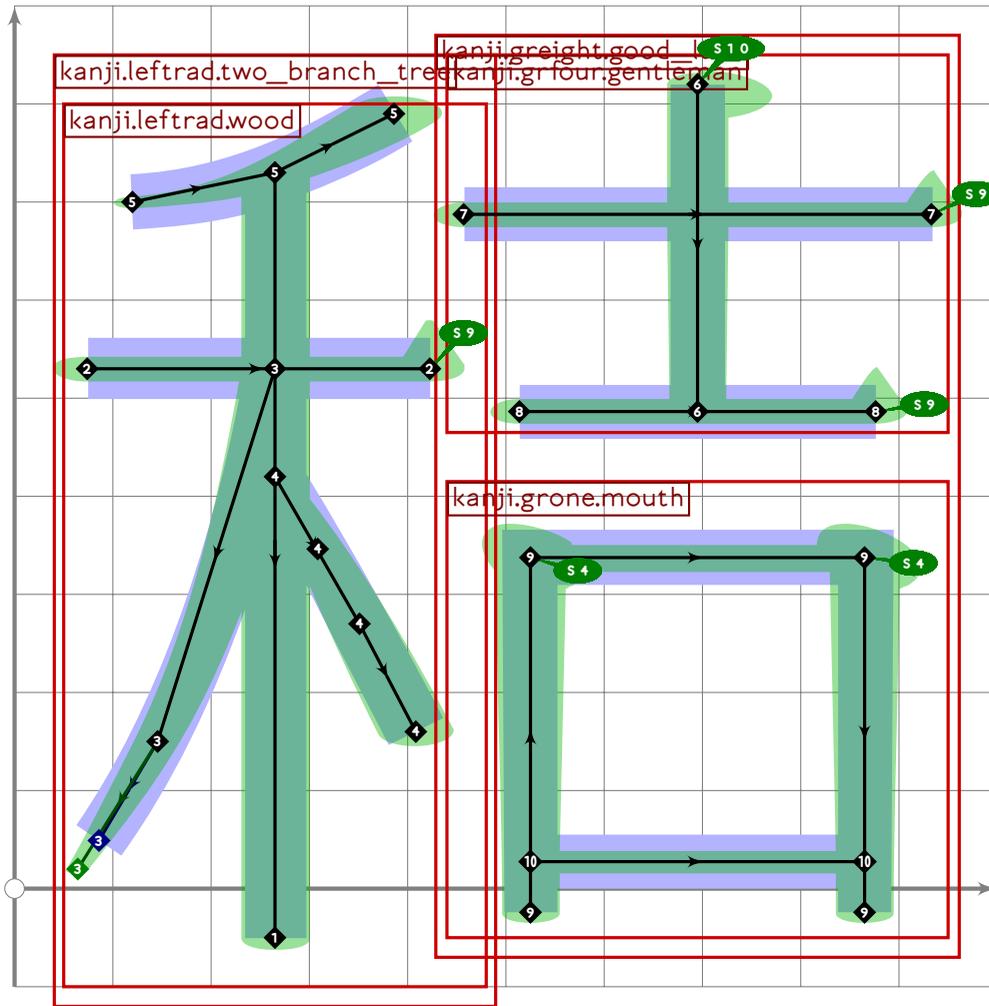


```
575 % extra
576 begintsuglyph("uni79F5";245);
577 build_kanji.lr(440;10)
578 (kanji.leftrad.two_branch_tree)
579 (kanji.grfive.cause);
580 tsu_render;
581 endsuglyph;
582
```

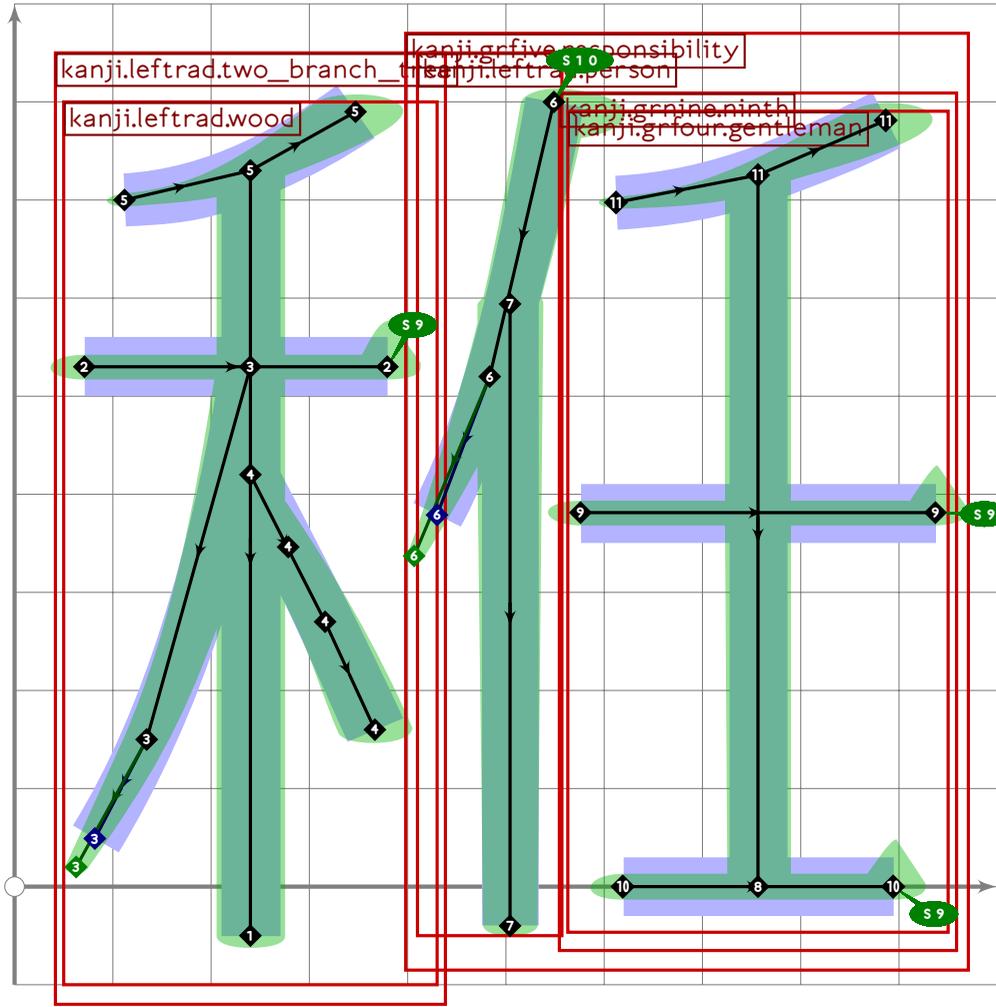
U+79F7  
tsuku.uni79F7



```
583 % extra
584 begintsuglyph("uni79F7";247);
585 build_kanji.lr(460,30)
586 (kanji.leftrad.two_branch_tree)
587 (build_kanji.sscale(yscaled 0.95 shifted (0;-30))(kanji.grsix.climax));
588 tsu_render;
589 endtsuglyph;
590
```



```
591 % extra
592 begintsuglyph("uni79F8",248);
593 build_kanji.lr(460,40)
594 (kanji.leftrad.two_branch_tree)
595 (kanji.greight.good_luck);
596 tsu_render;
597 endsuglyph;
598
```



```

599 % extra
600 begintsuglyph("uni79F9";249);
601   build_kanji.lr(420,20)
602     (kanji.leftrad.two_branch_tree)
603     (kanji.grfive.responsibility);
604   tsu_render;
605 endsuglyph;
606
607 % i/utsu "shift"
608 begintsuglyph("uni79FB";251);
609   kanji.grfive.shift;
610   tsu_render;
611 endsuglyph;
612
613 _____
614
615 endfont;
616
617 _____

```

[see page 803]