

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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6B

tsuku-6c.mp

6C

tsuku-6d.mp

6D

tsuku-6e.mp

6E

tsuku-6f.mp

6F

tsuku-70.mp

70

tsuku-71.mp

71

tsuku-72.mp

72

tsuku-73.mp

73

tsuku-74.mp

74

tsuku-75.mp

75

tsuku-76.mp

76

tsuku-77.mp

77

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;
```

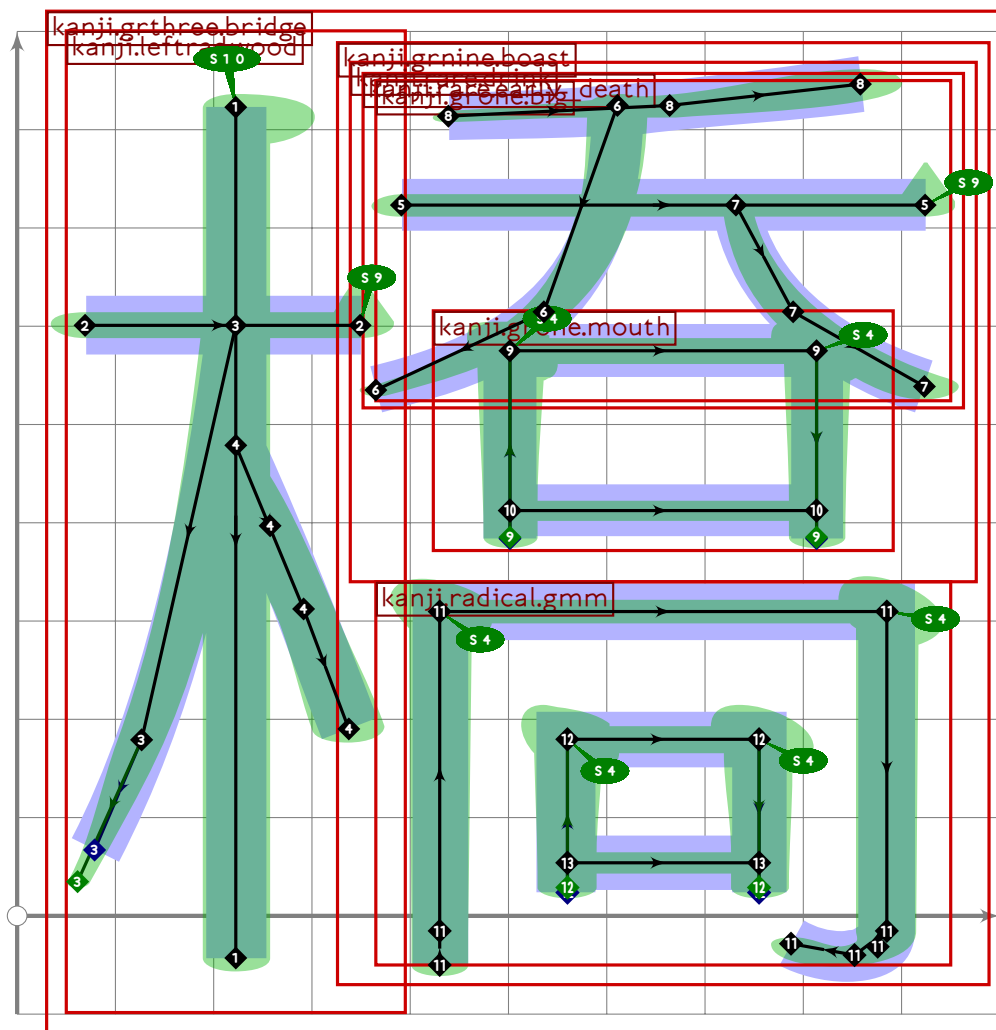
```
53
```

```
54 do_late_includes;
```

```
55
```

```
56
```

---

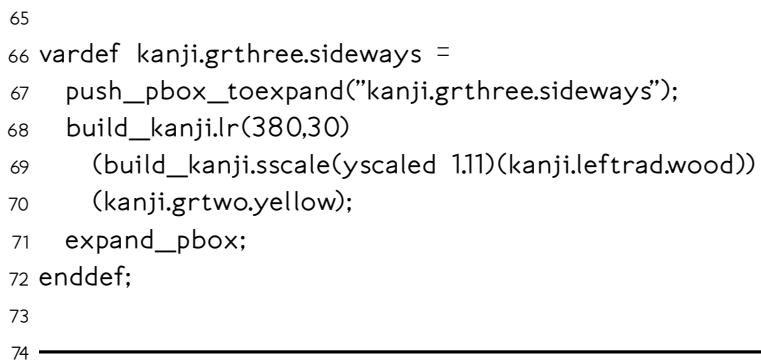


```

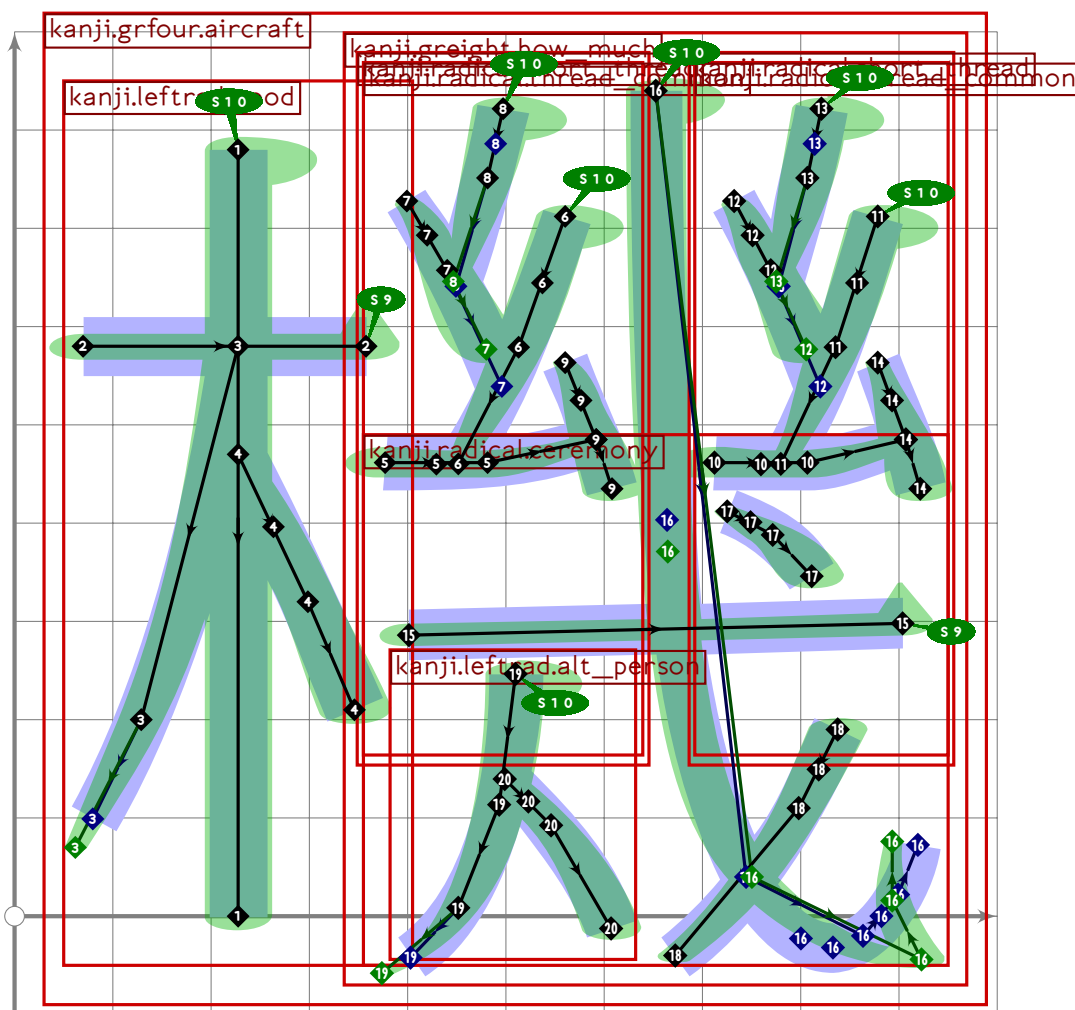
57
58 vardef kanji.grthree.bridge =
59   push_pbox_toexpand("kanji.grthree.bridge");
60   build_kanji.lr(380,30)
61     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
62     (kanji.grnine.boast);
63   expand_pbox;
64 enddef;

```





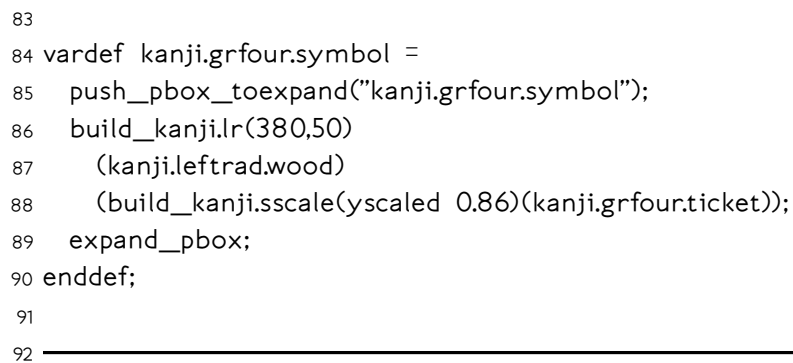
6A

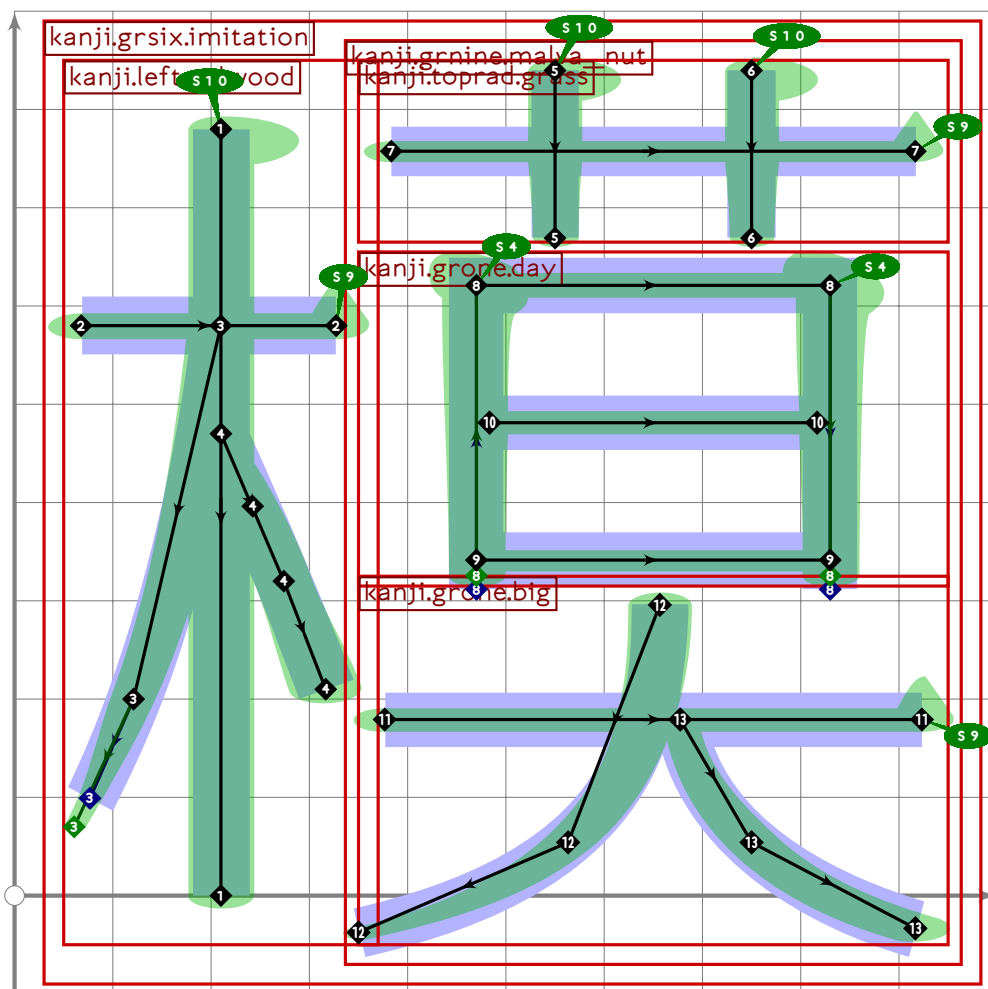


```

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;

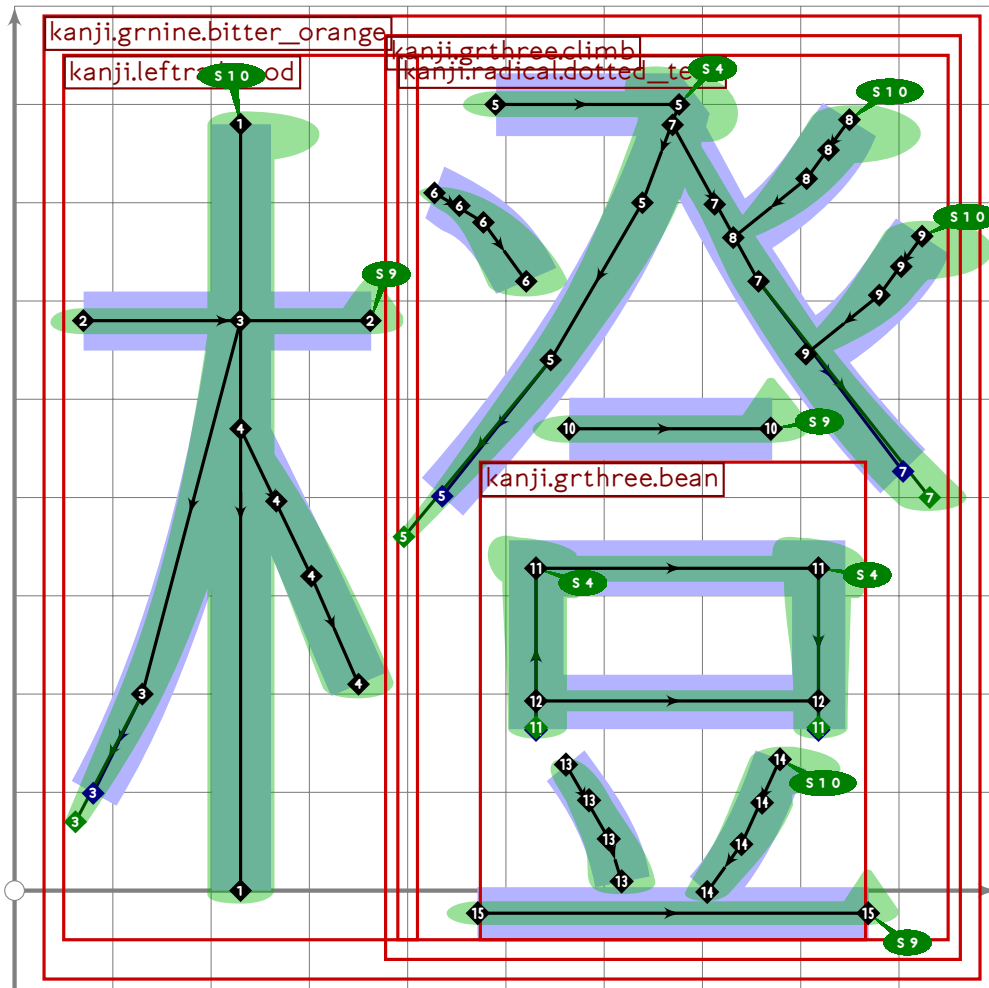
```





```

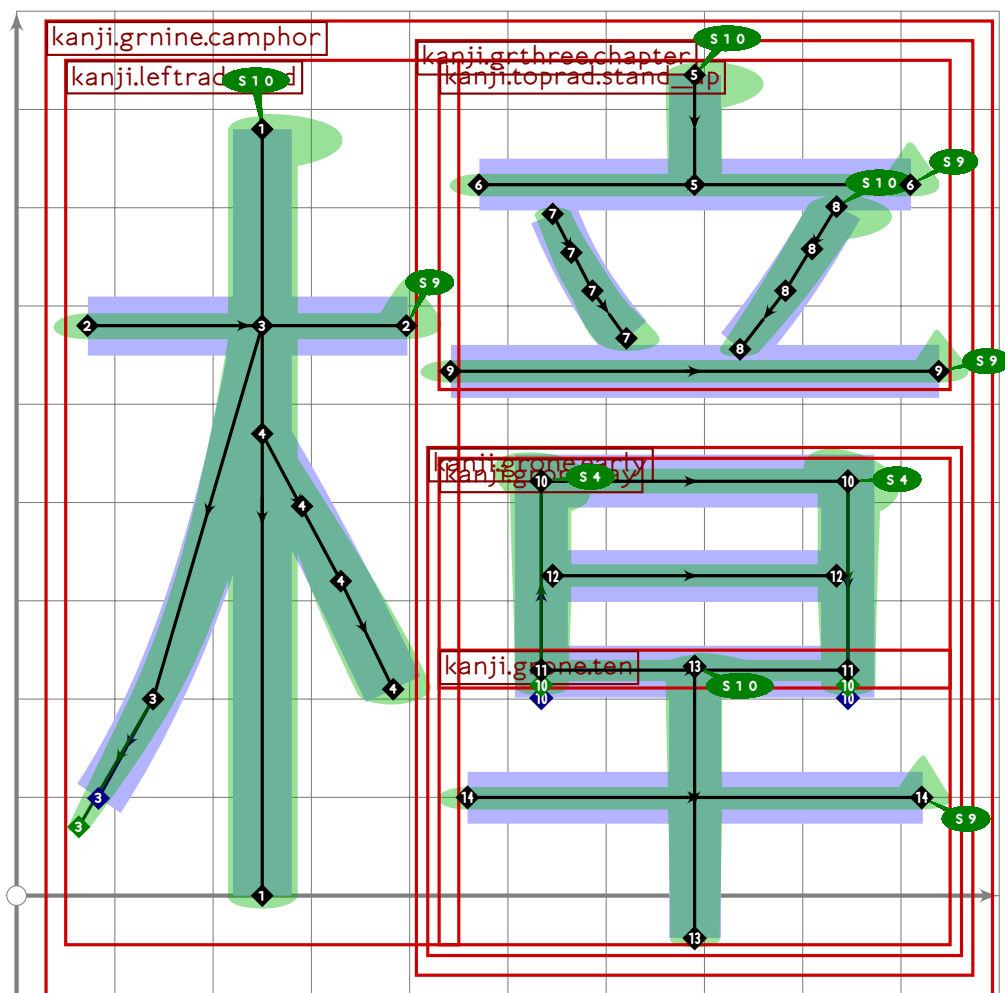
93
94 vardef kanji.grsix.imitation =
95   push_pbox_toexpand("kanji.grsix.imitation");
96   build_kanji.lr(360,20)
97     (kanji.leftrad.wood)
98     (kanji.grnine.malva_nut);
99   expand_pbox;
100 enddef;
101
102
```



```

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;

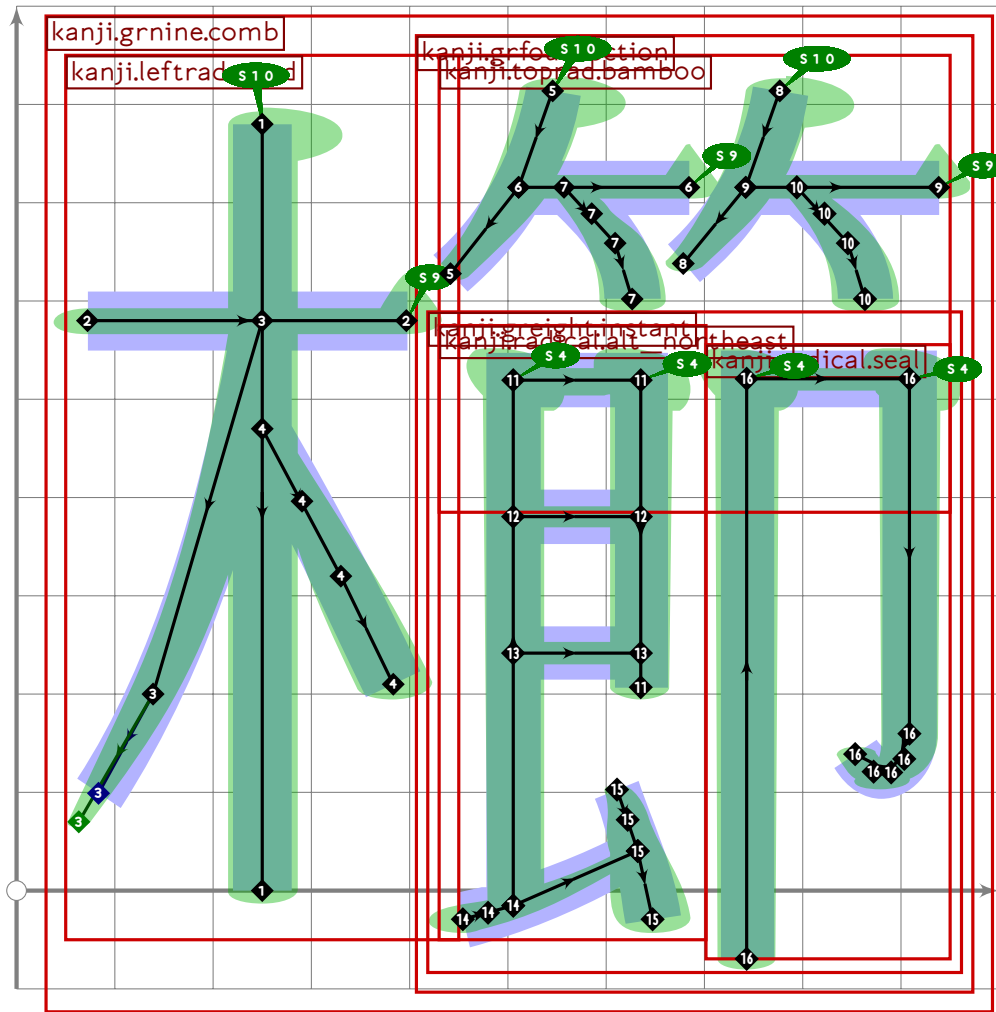
```



```

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;

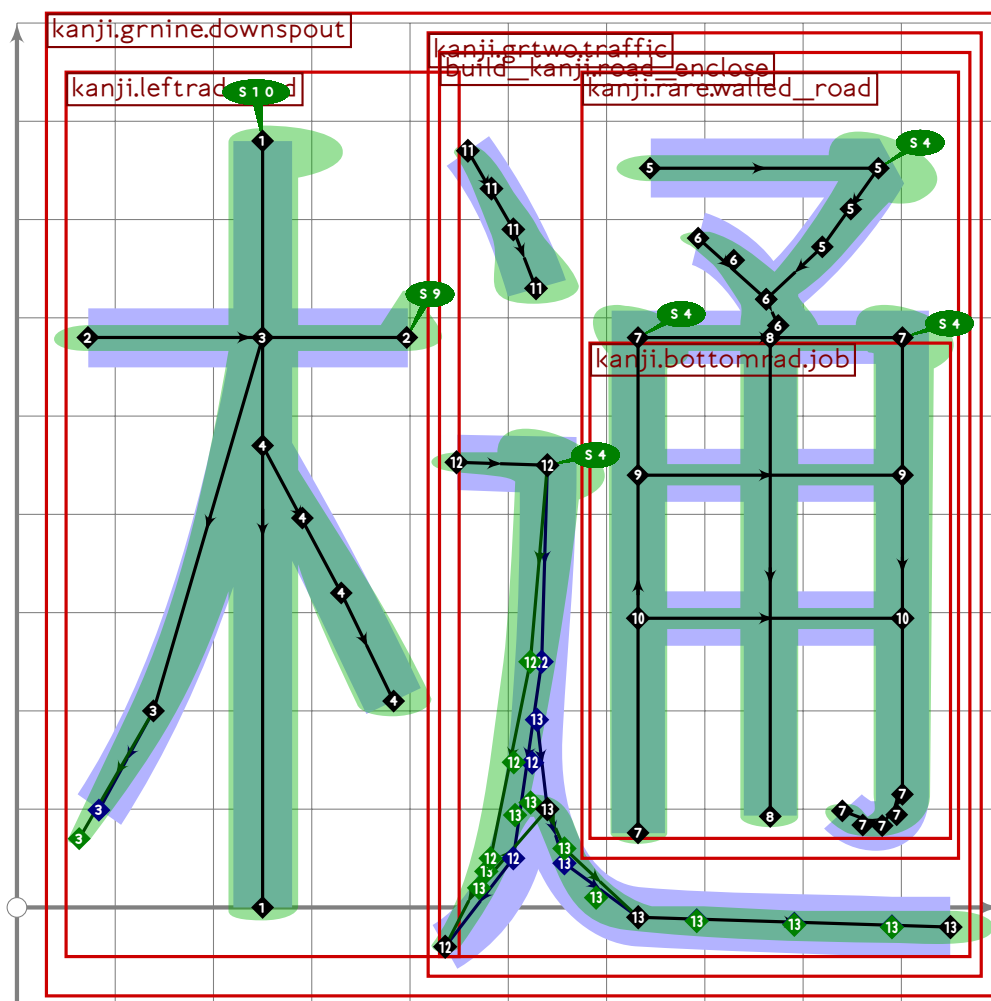
```



```

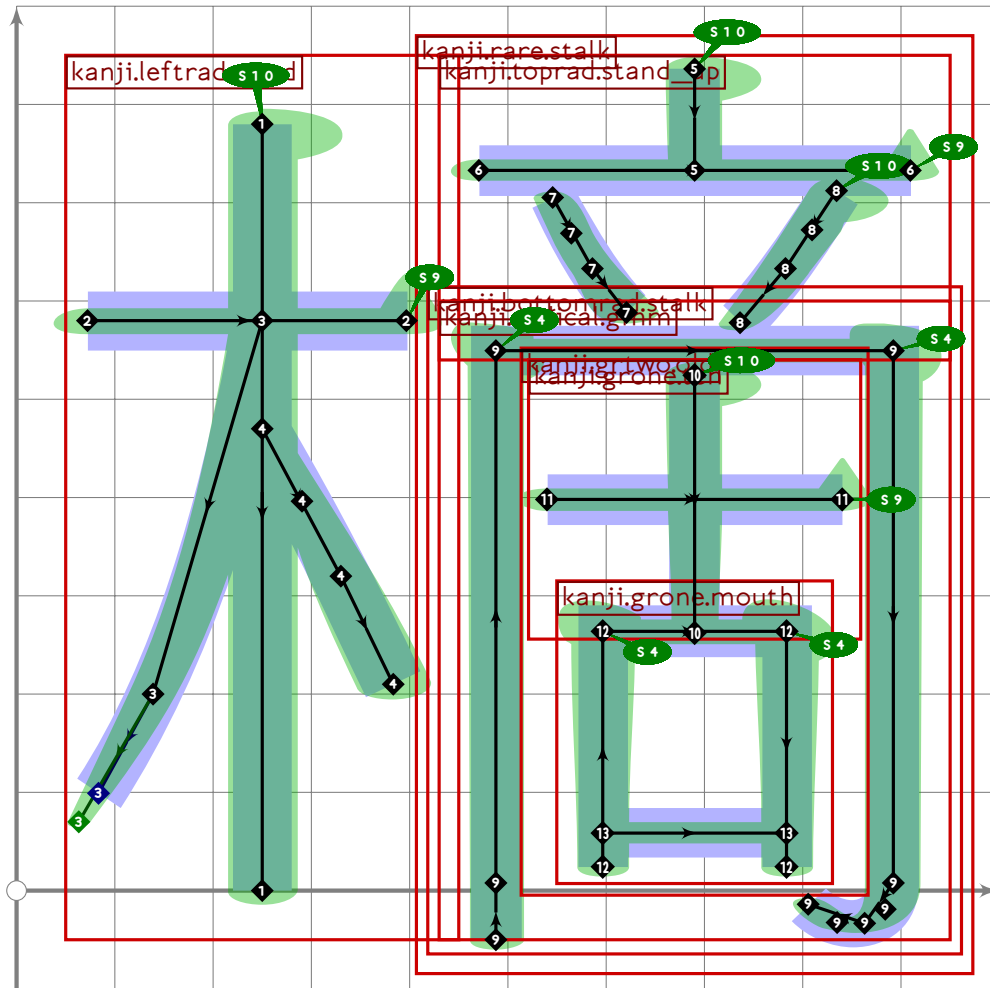
119
120 vardef kanji.grnine.comb =
121   push_pbox_toexpand("kanji.grnine.comb");
122   build_kanji.lr(440,20)
123     (kanji.leftrad.wood)
124     (kanji.grfour.section);
125   expand_pbox;
126 enddef;

```



---

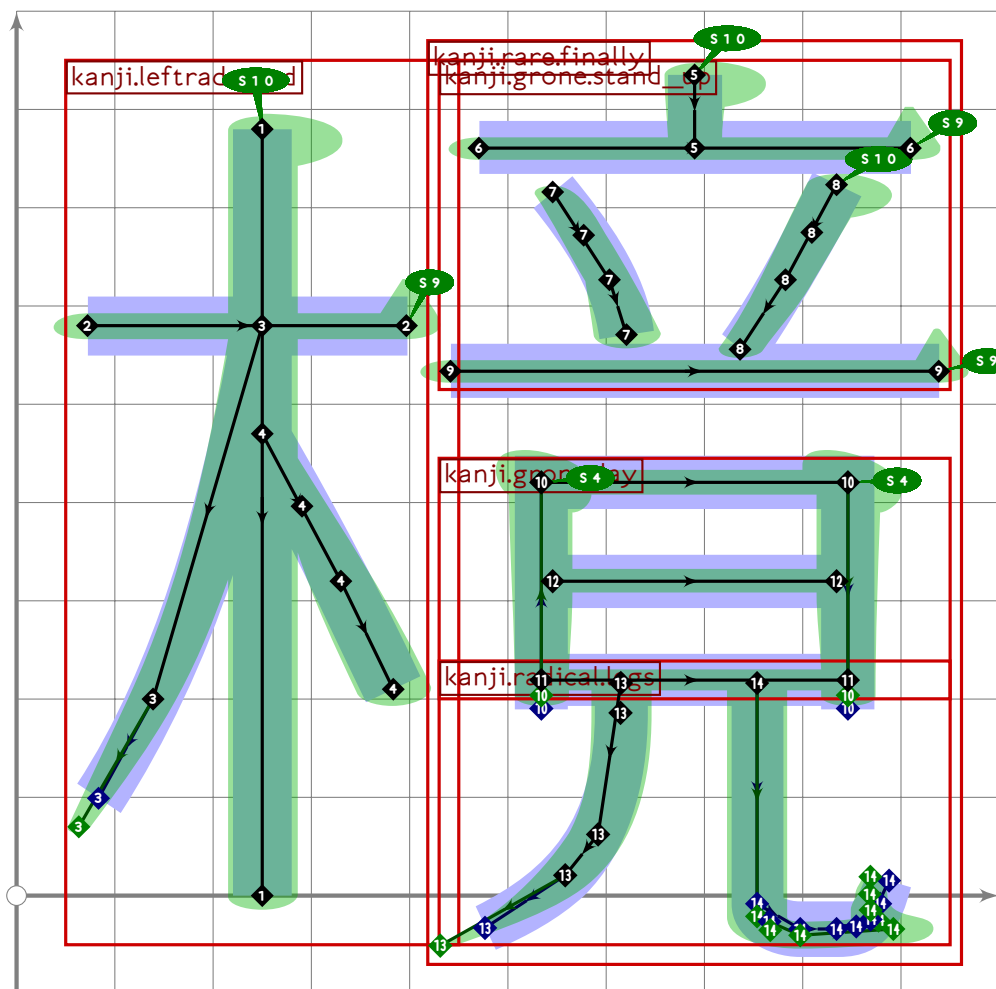




```

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

```

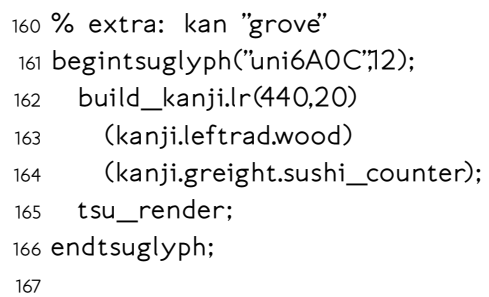


```

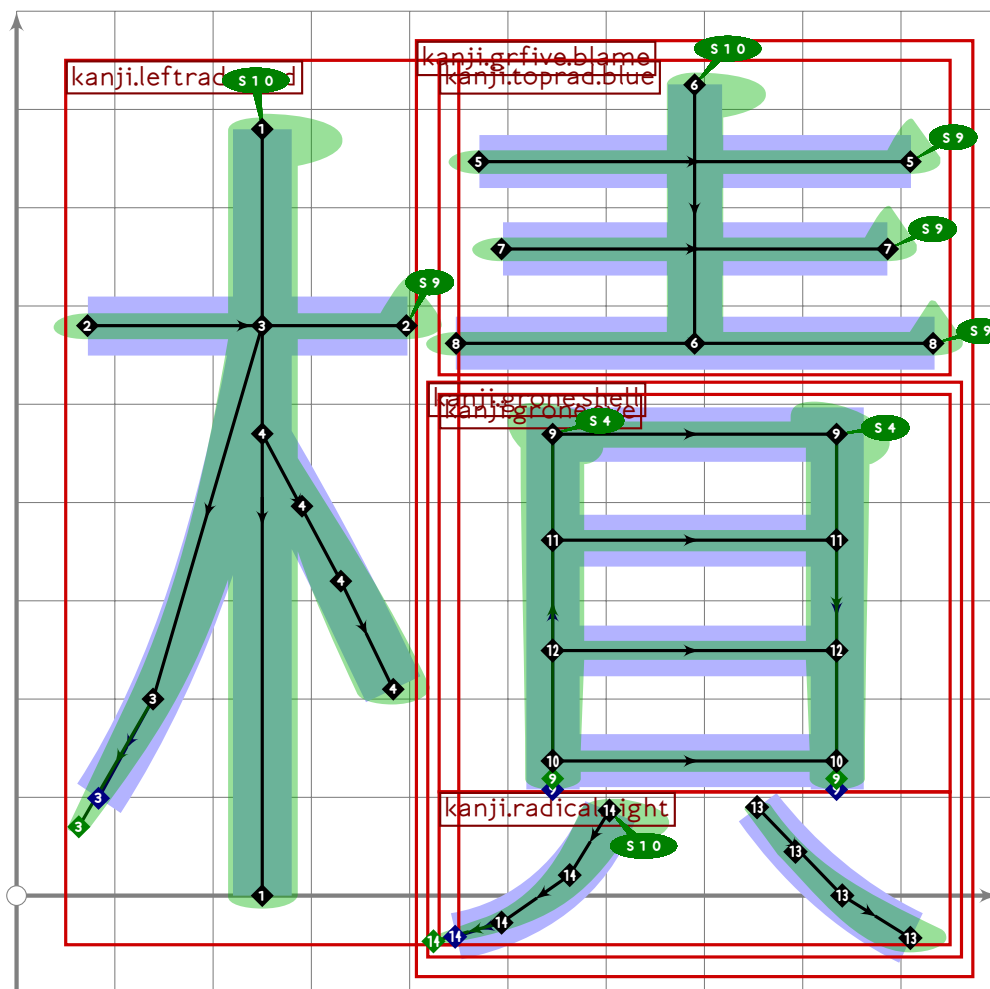
146 % extra
147 begintsuglyph("uni6A08";8);
148   build_kanji.lr(440,20)
149     (kanji.leftrad.wood)
150     (kanji.rare.finally);
151   tsu_render;
152 endtsuglyph;
153
154 % tou/hi "downspout"
155 begintsuglyph("uni6A0B";11);
156   kanji.grnine.downspout;
157   tsu_render;
158 endtsuglyph;
159

```

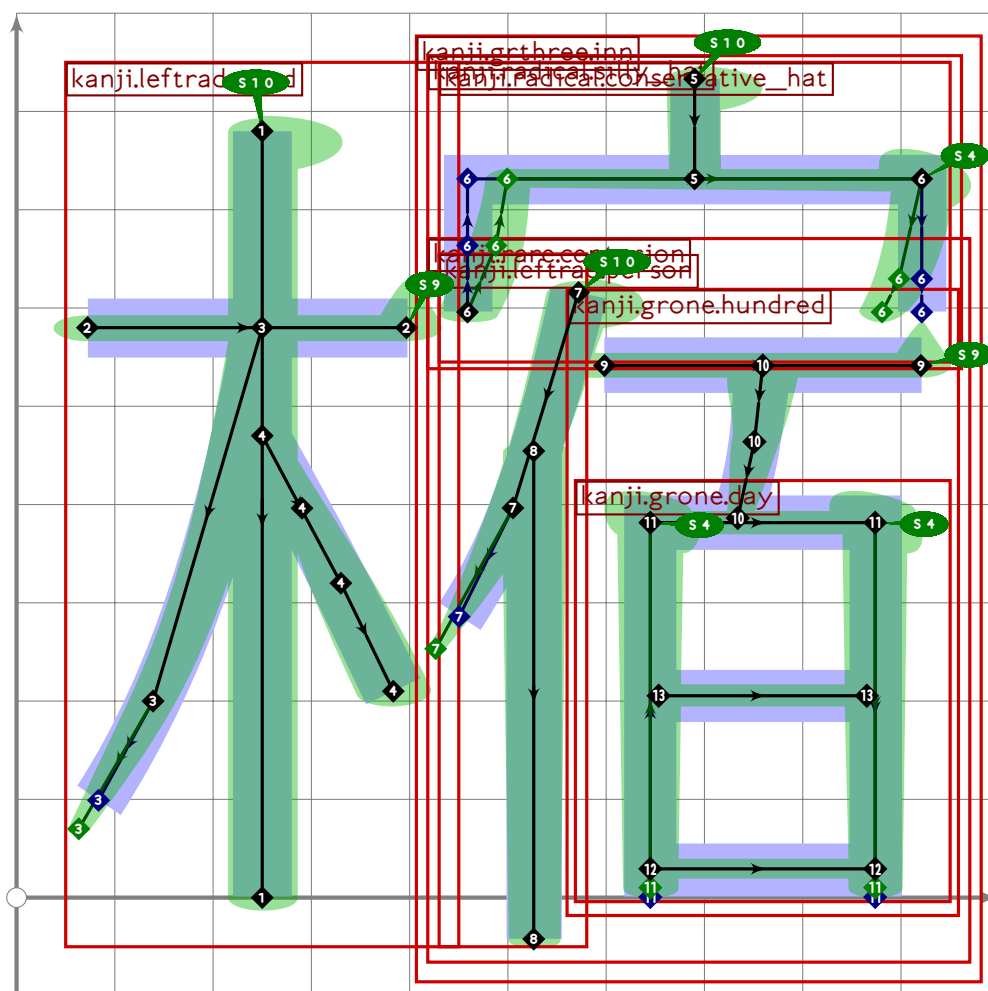
[see page 3328]



6A



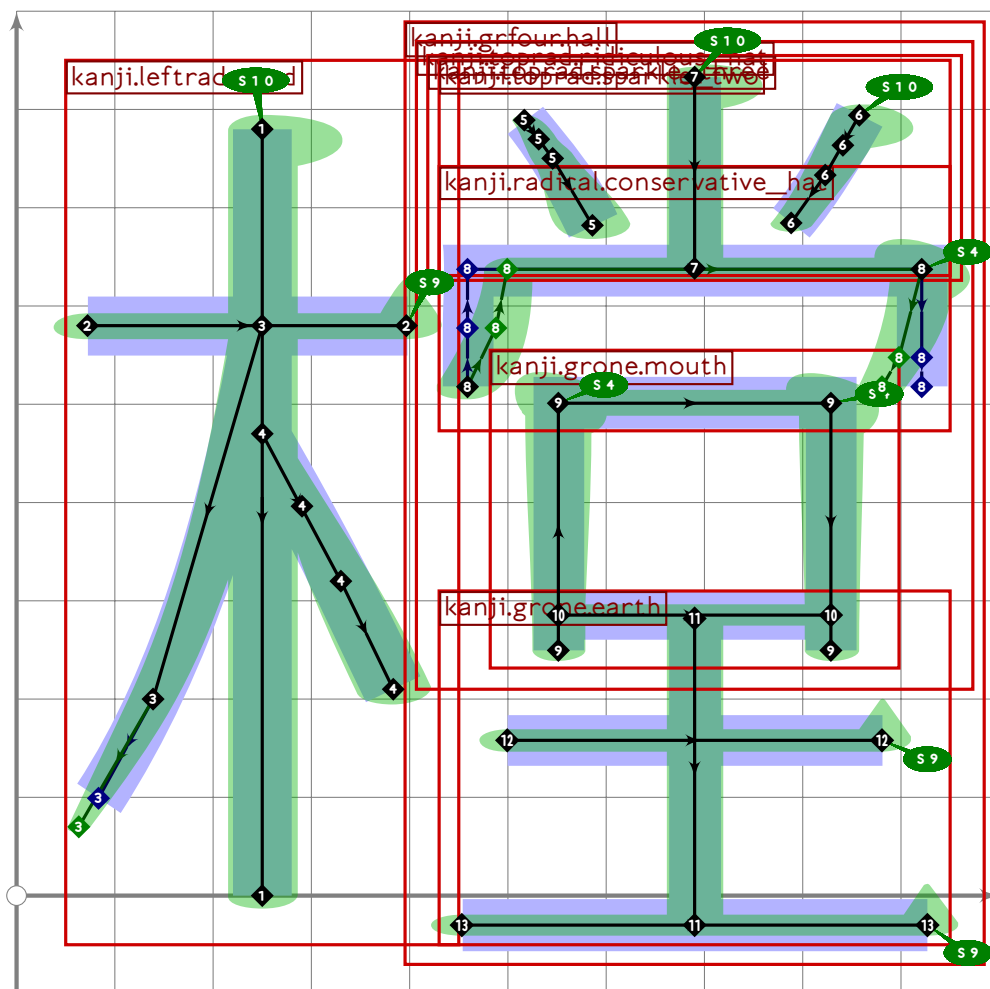
3332



```

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]

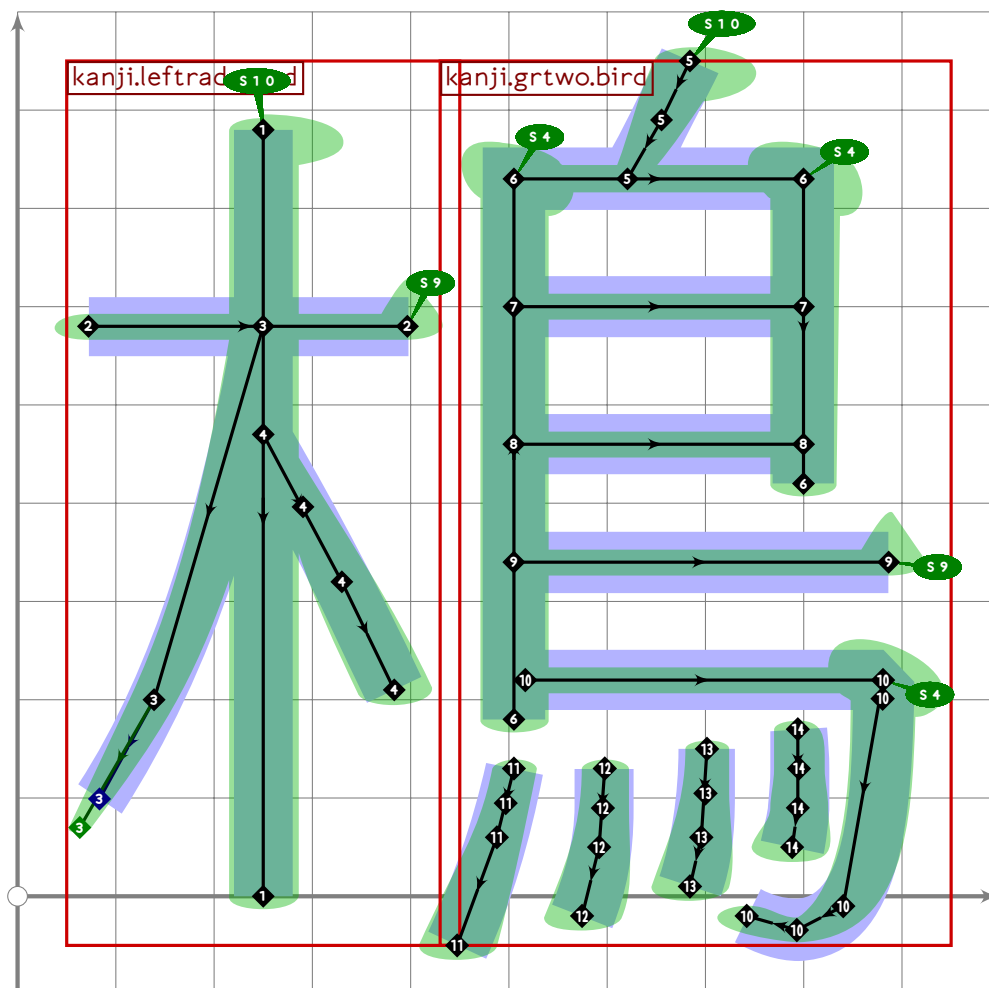
[see page 3324]

6A

```

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

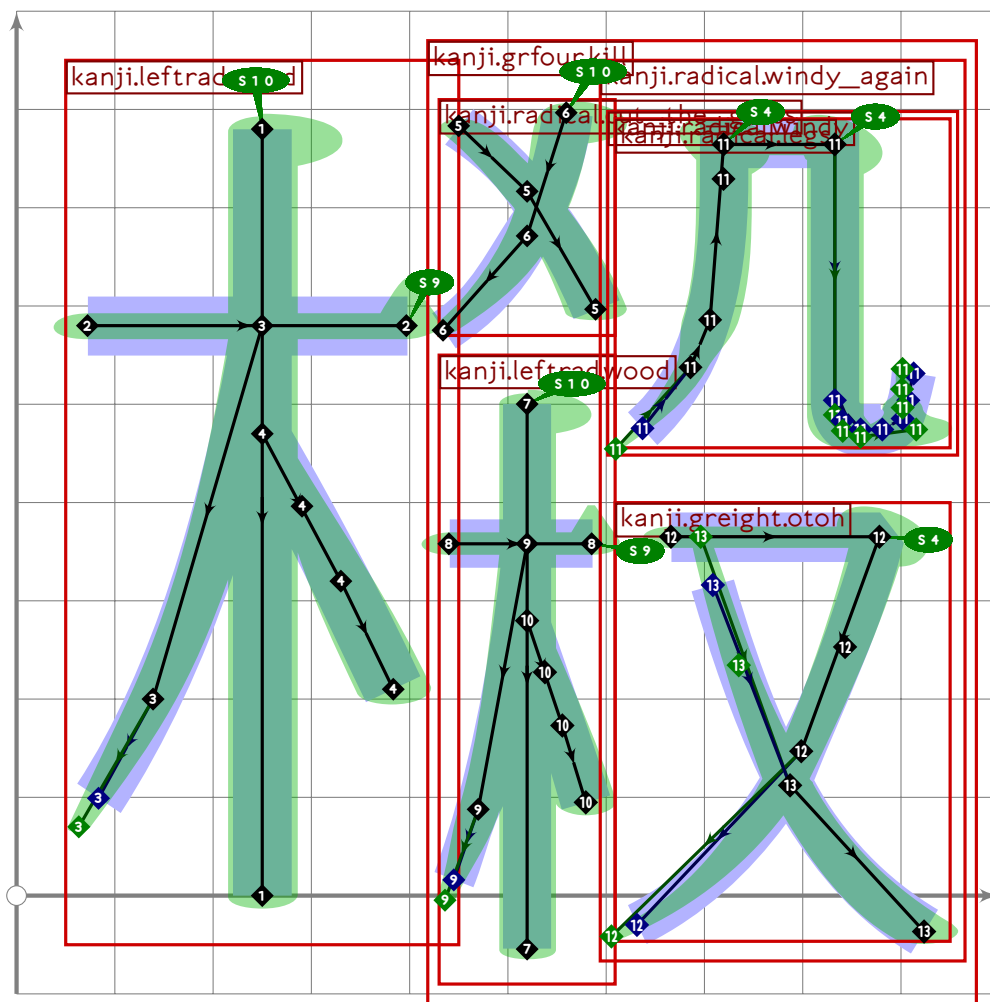
```



```

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

```



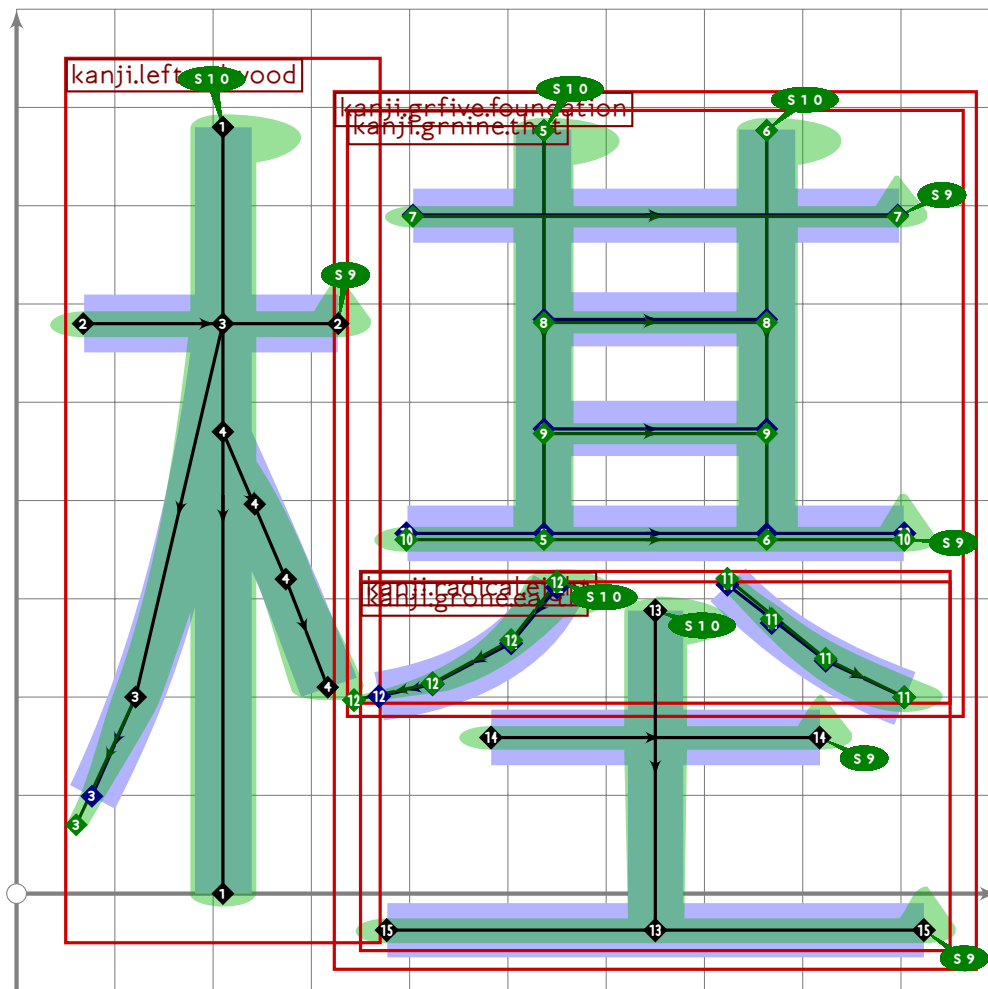
```

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

```

[see page 3321]

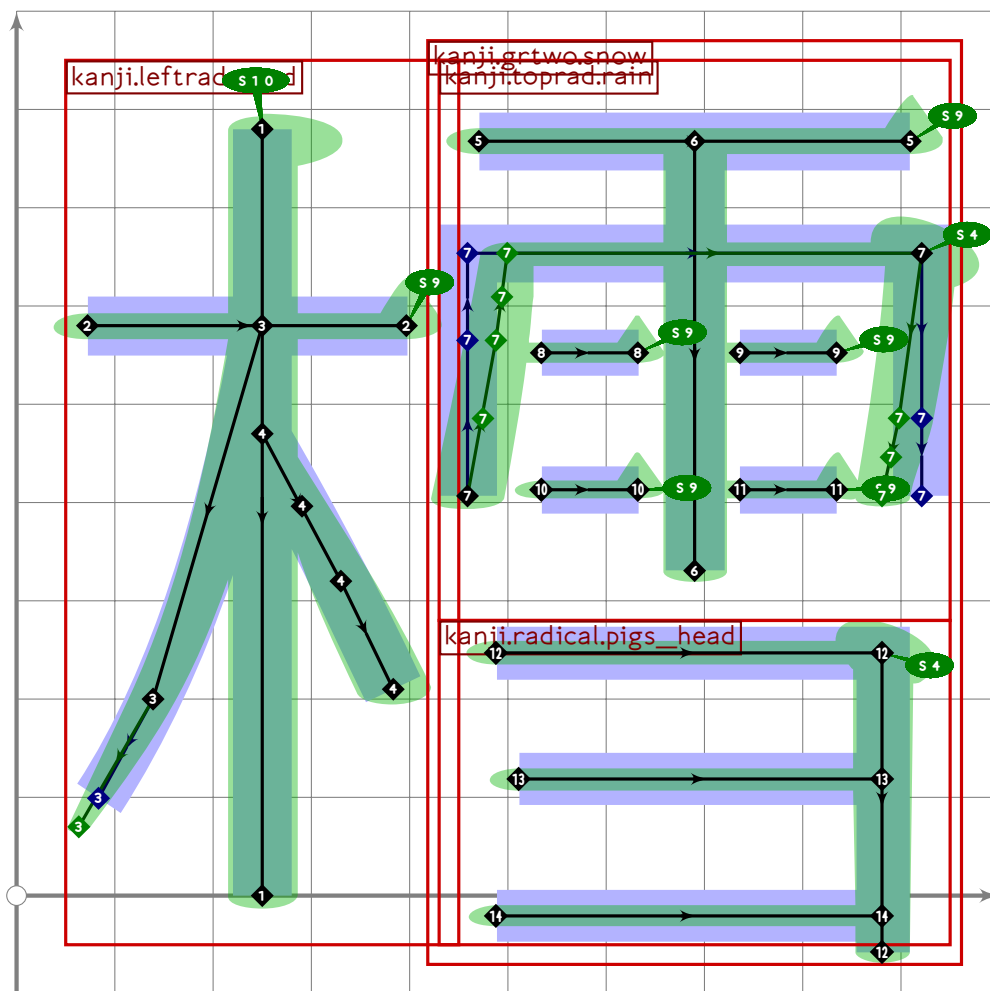




```

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

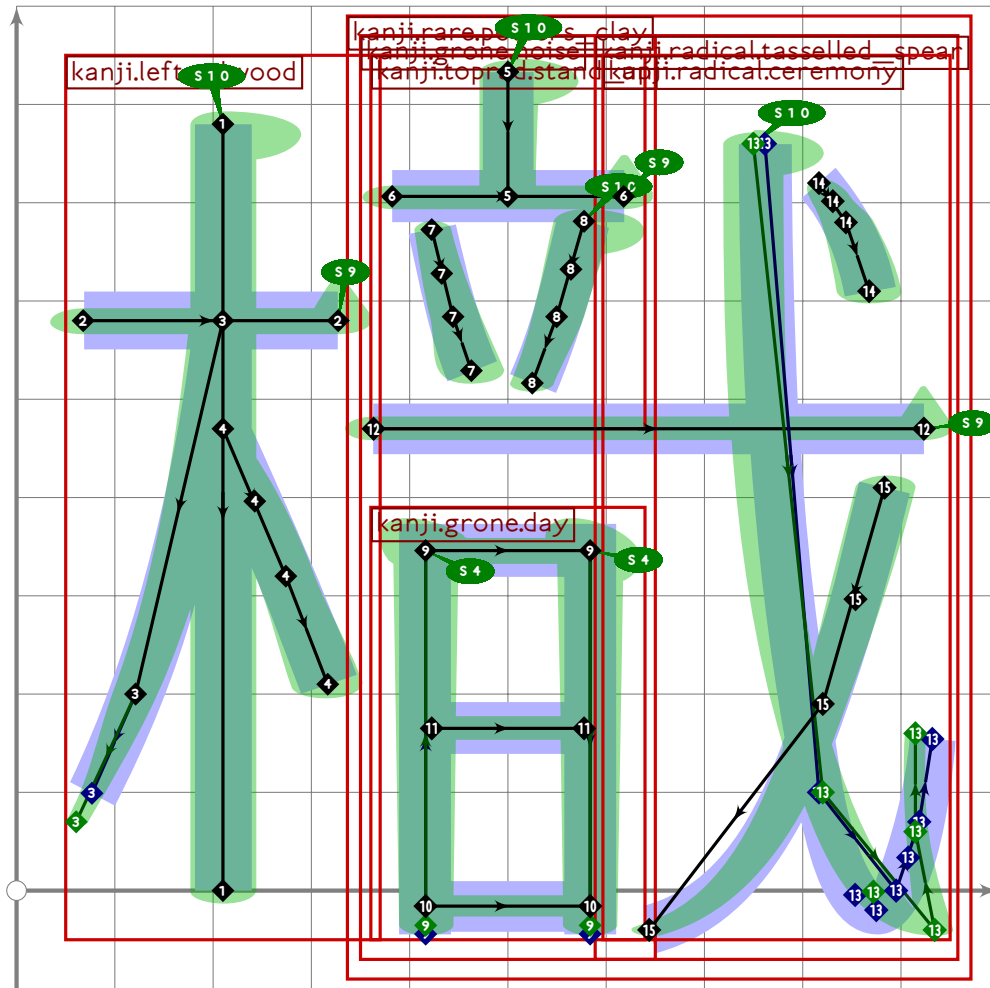
```



```

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 endtsuglyph;
248

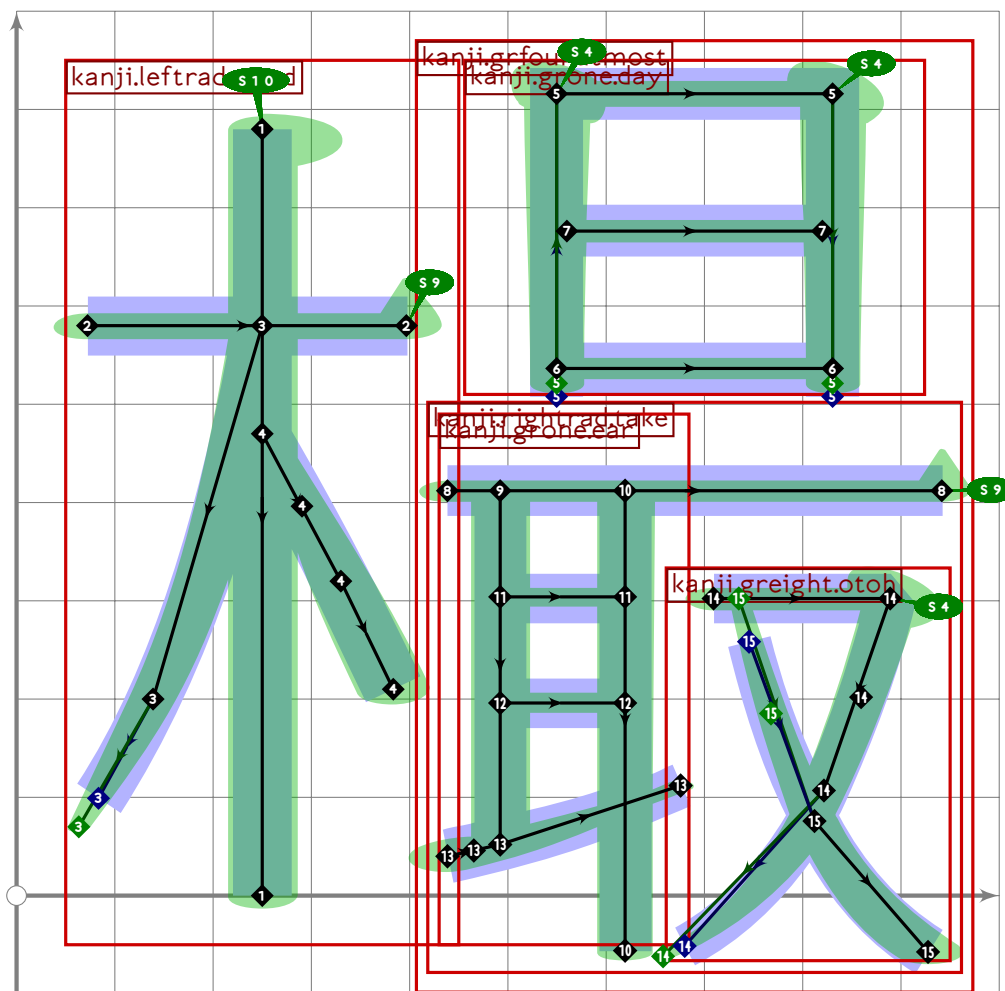
```



```

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

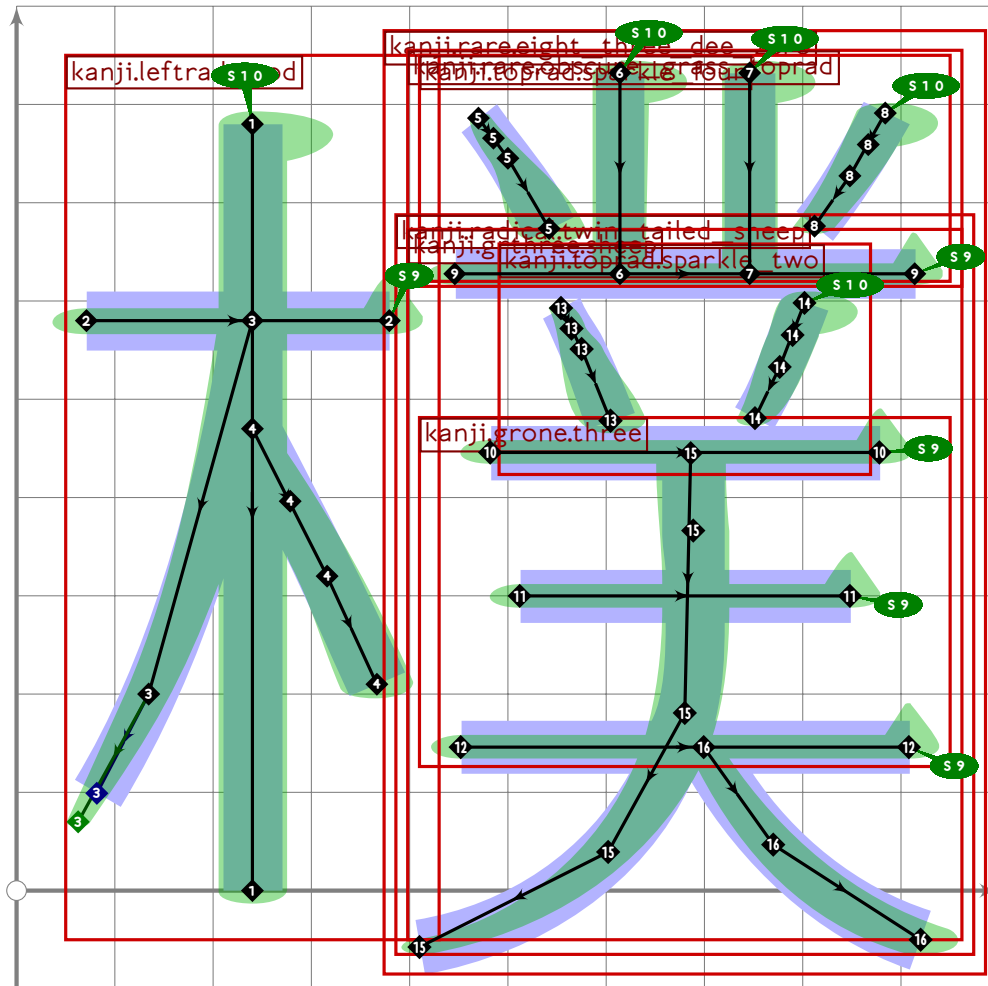
```



```

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 endtsuglyph;
264

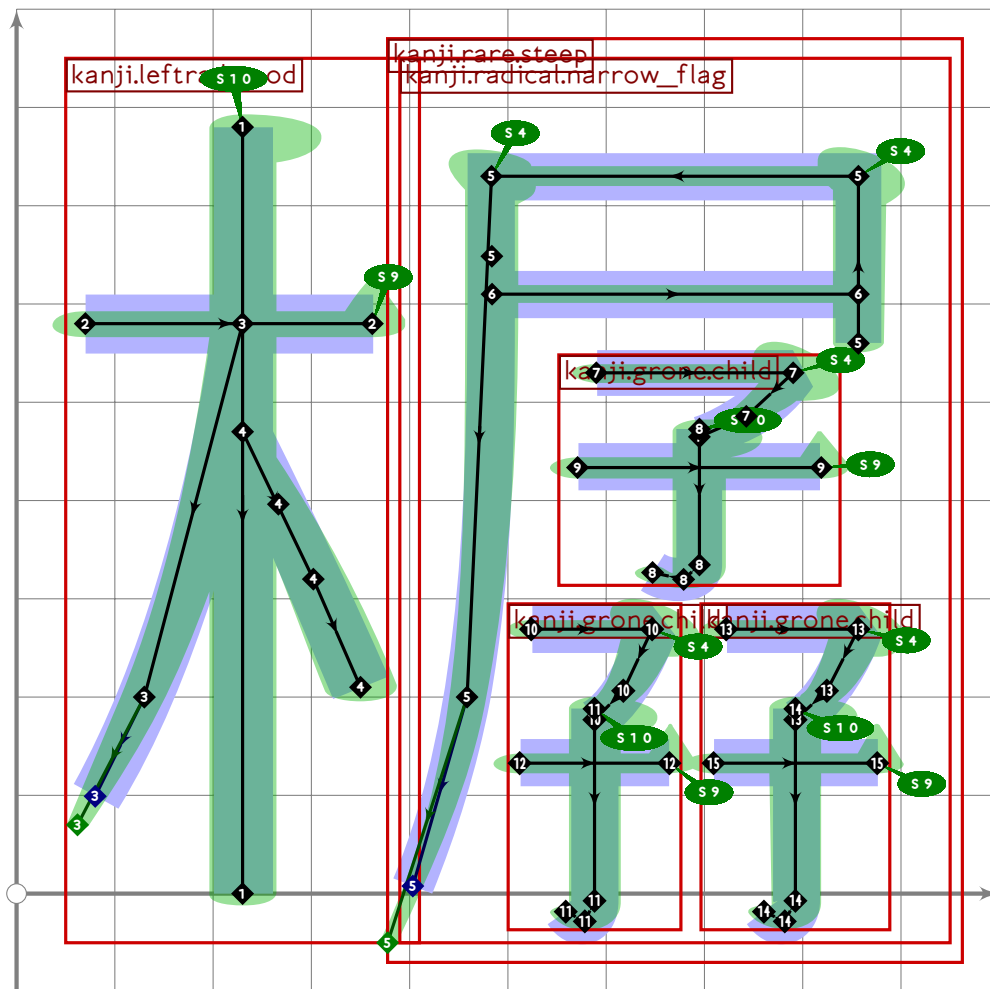
```



```

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 endtsuglyph;
272

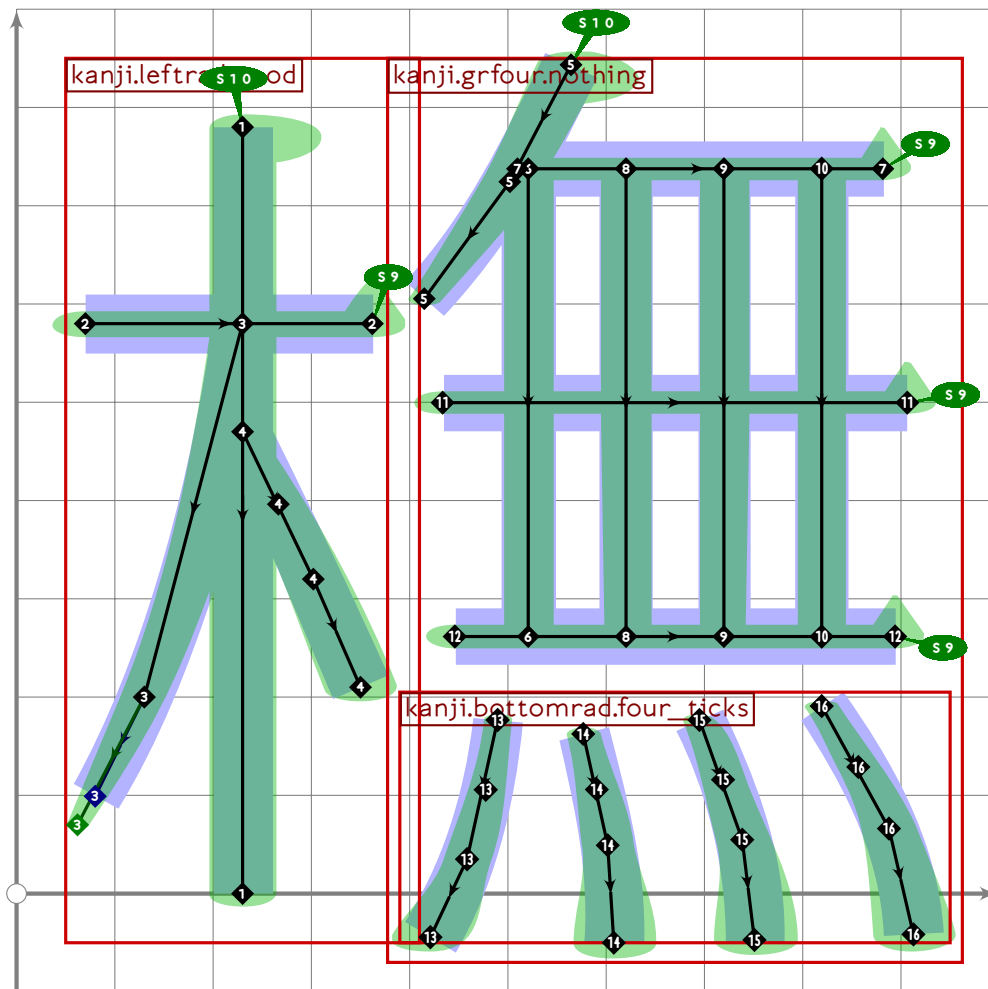
```



```

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

```

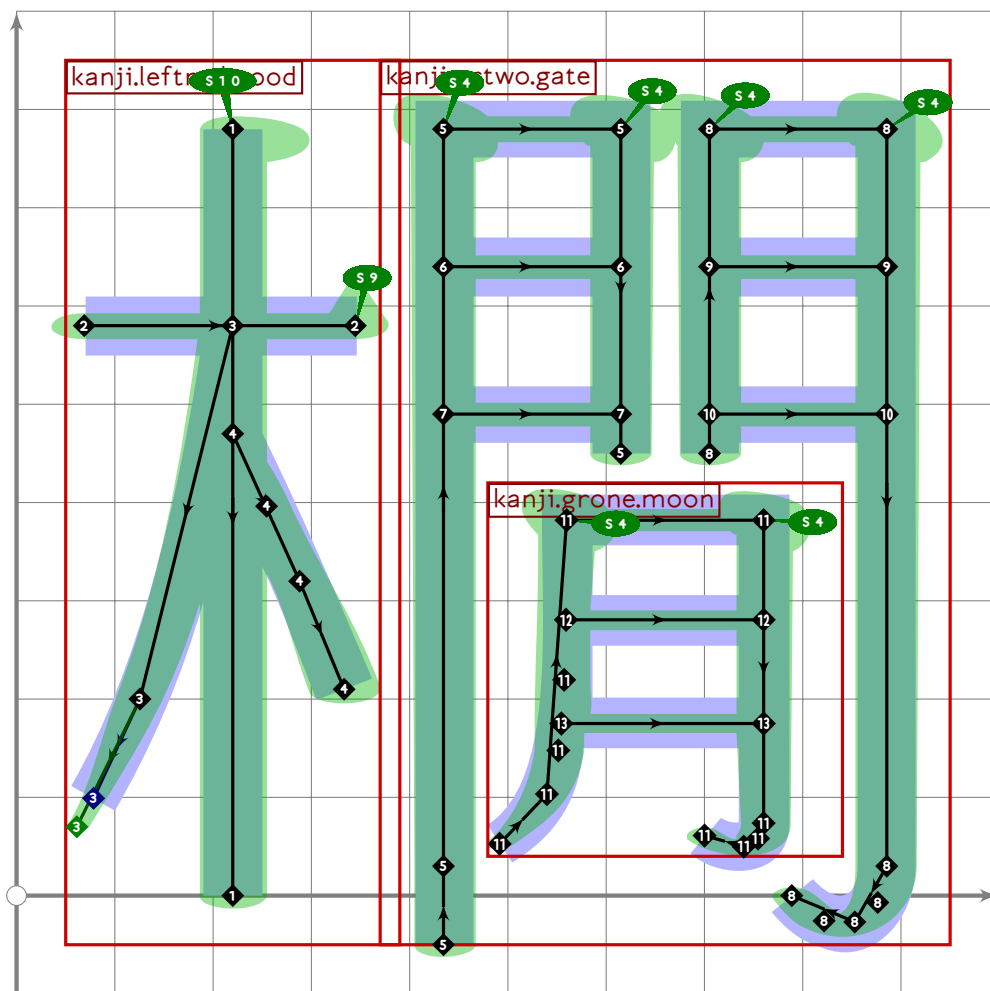


```

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 endtsuglyph;
288
289 % kyou/hashii "bridge"
290 begintsuglyph("uni6A4B",75);
291   kanji.grthree.bridge;
292   tsu_render;
293 endtsuglyph;
294

```

[see page 3320]

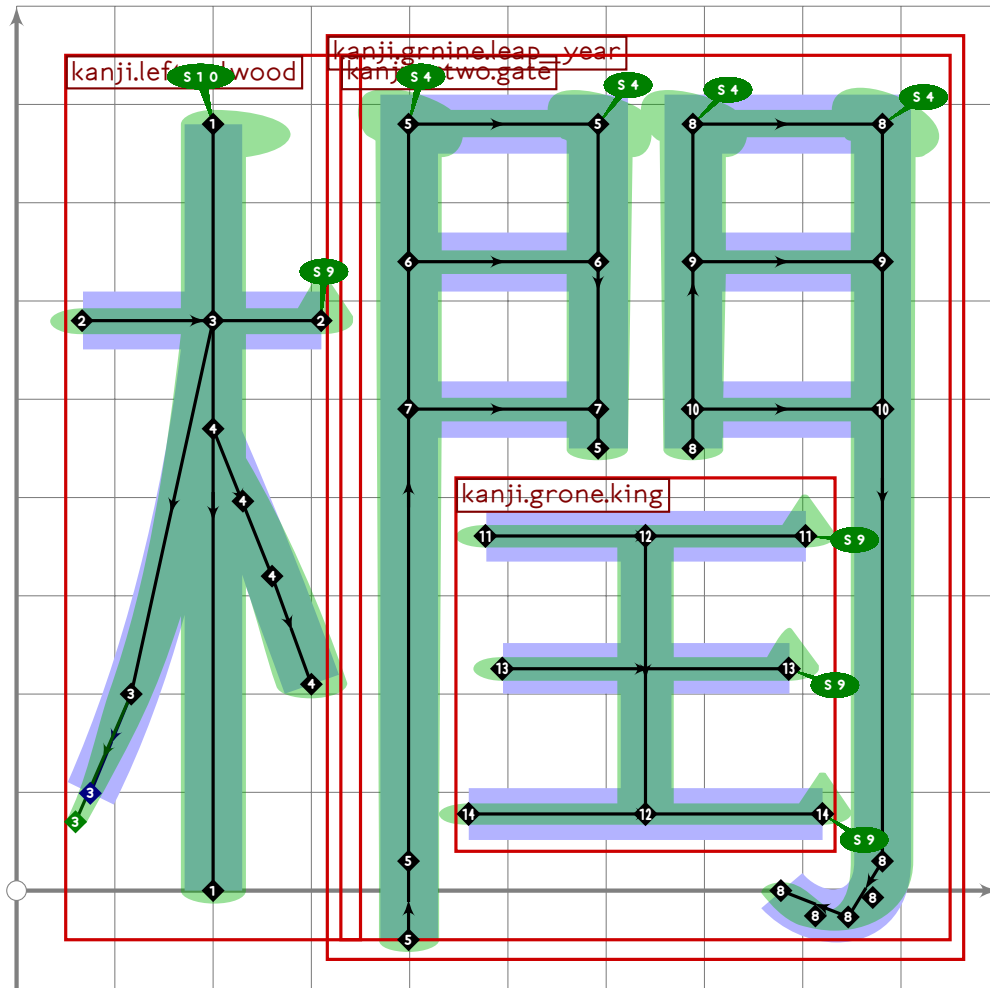


```

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 endtsuglyph;
302

```





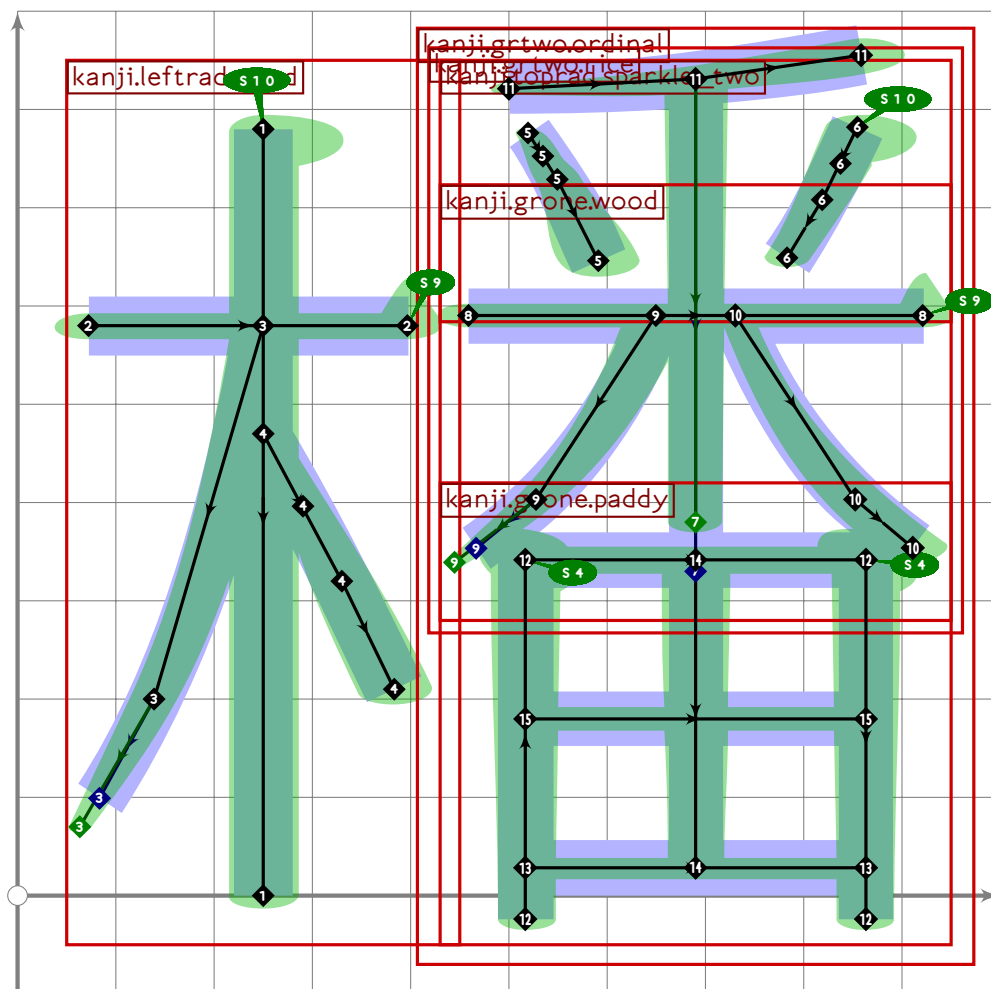
```

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

```

U+6A4E  
tsuku.uni6A4E

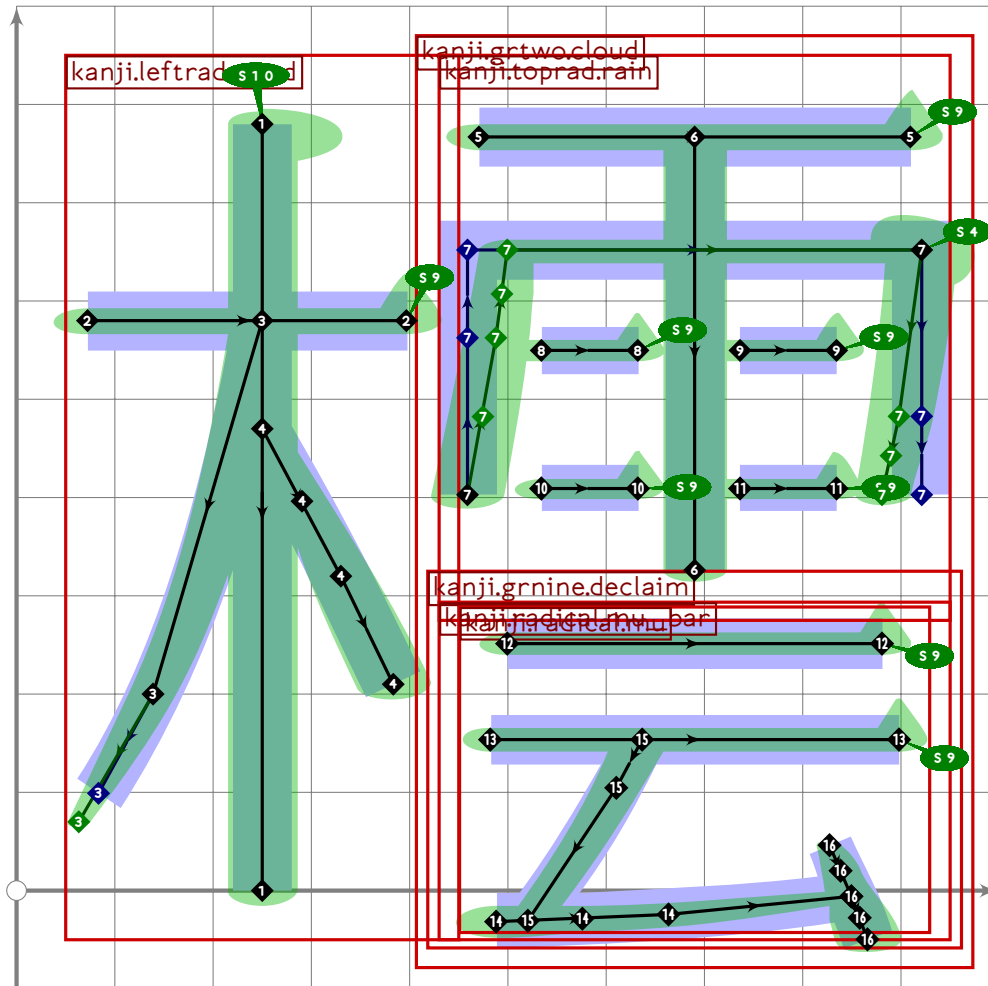
6A



```

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

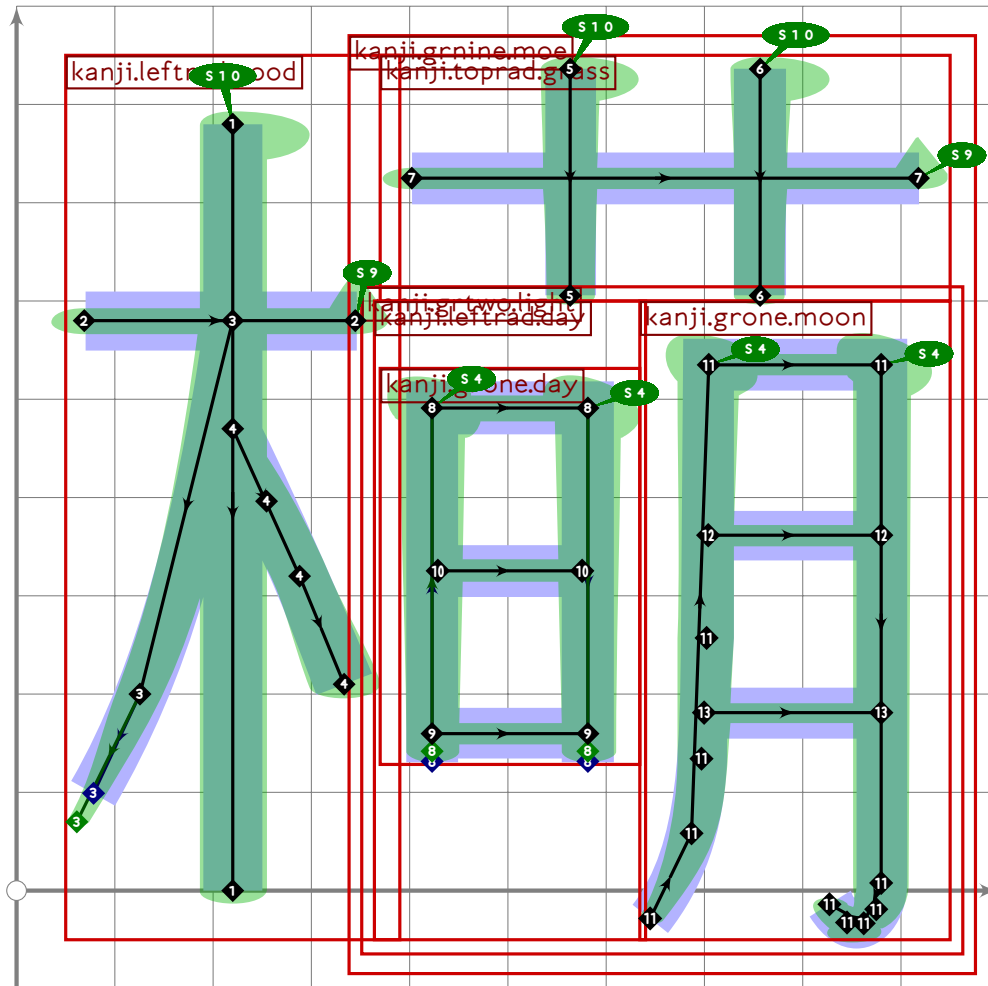
```



```

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

```



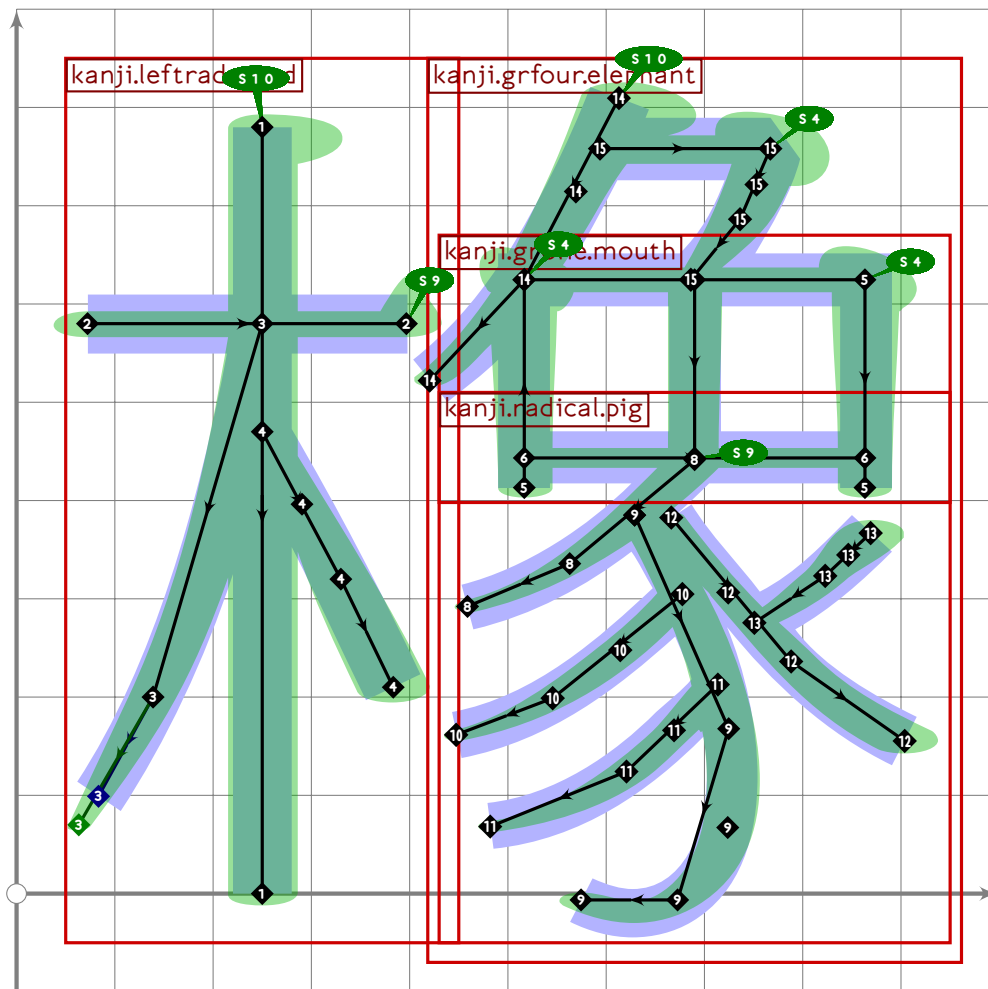
```

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

```

[see page 3325]

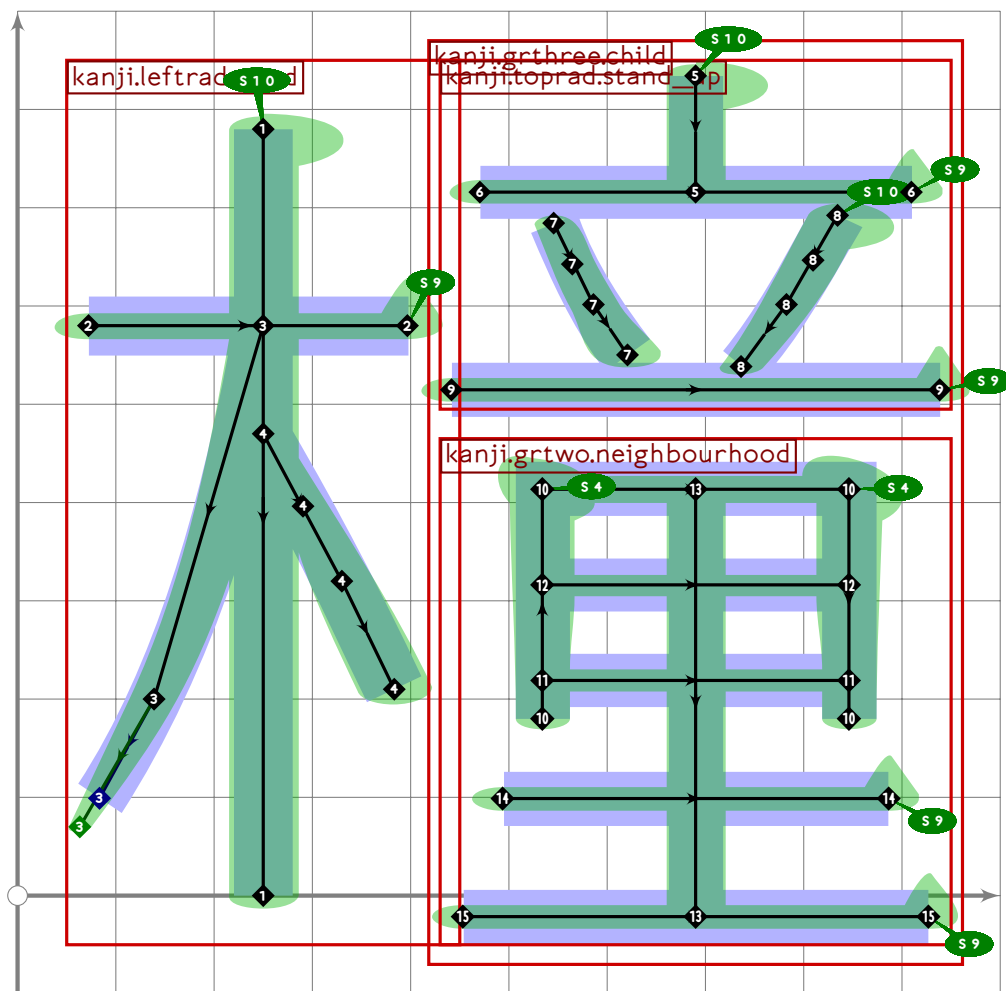
[see page 3322]



```

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 endtsuglyph;
354

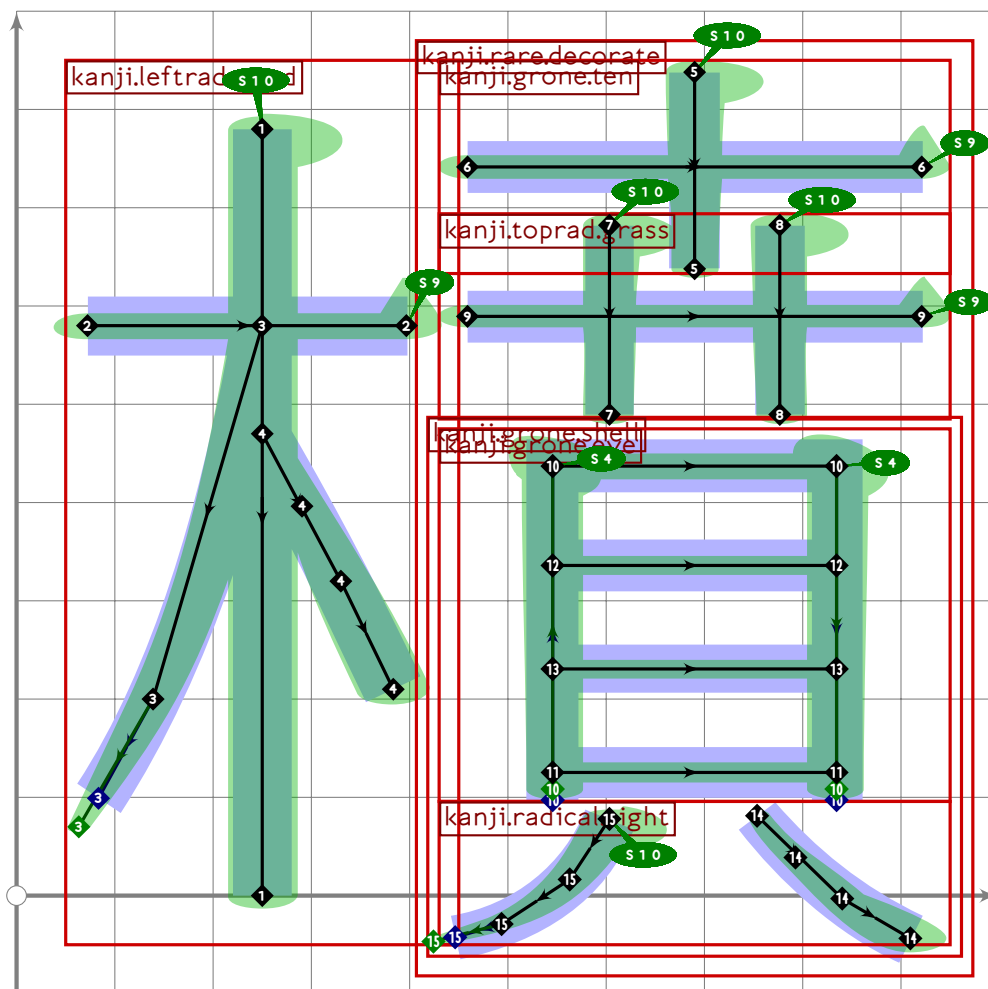
```



```

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

```



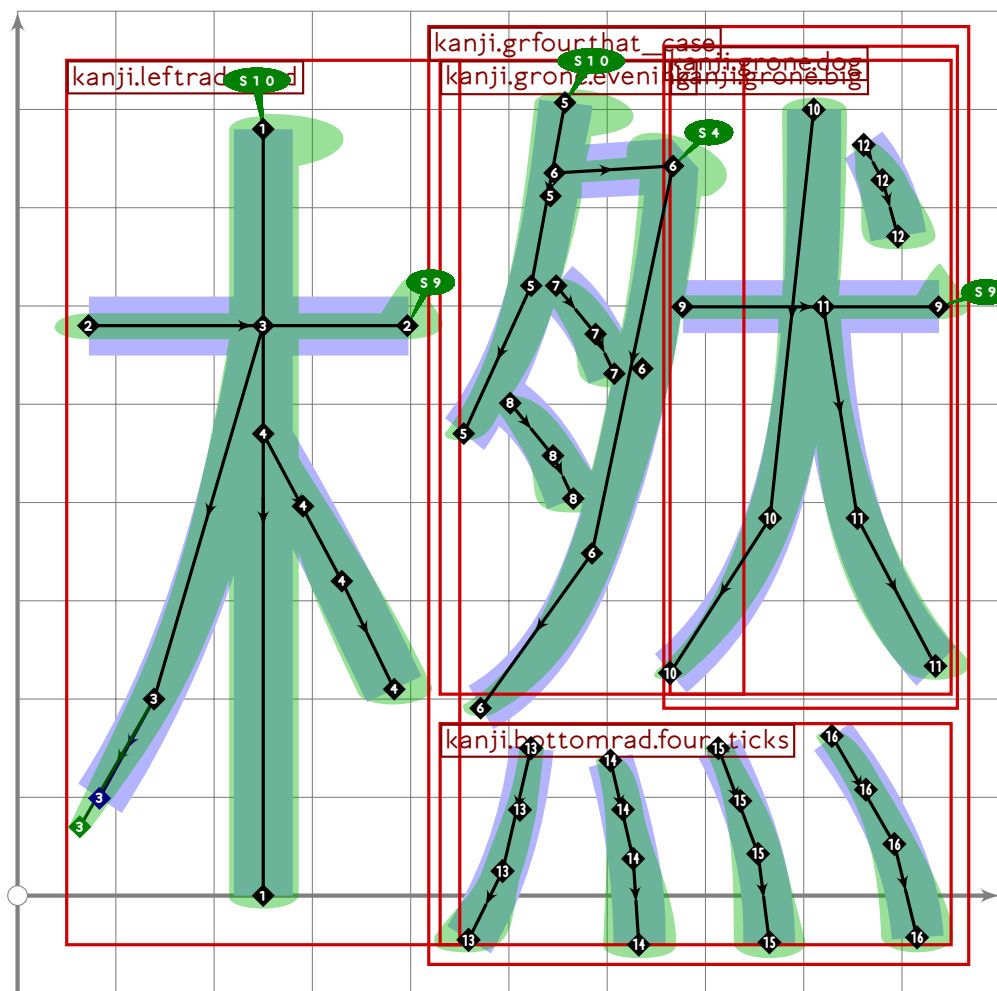
```

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

```

U+6A6A  
tsuku.uni6A6A

6A

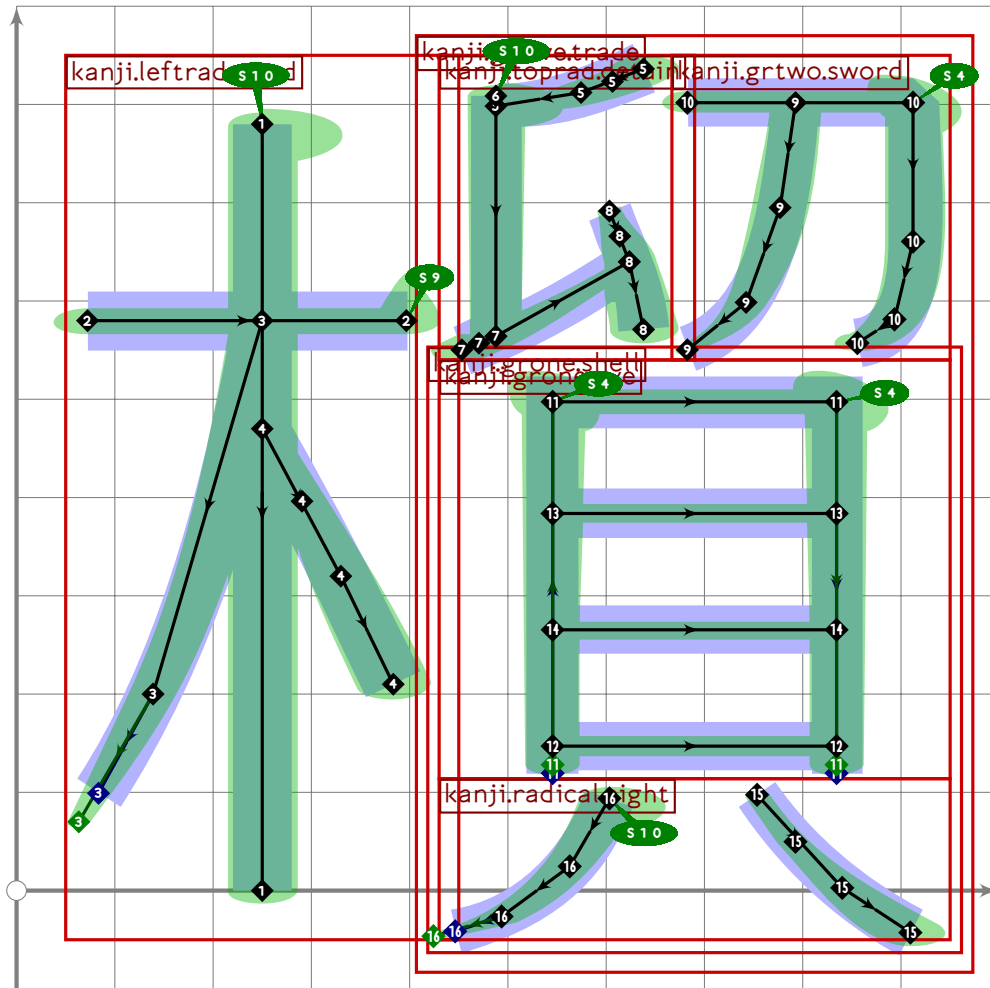


```

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 endtsuglyph;
378

```

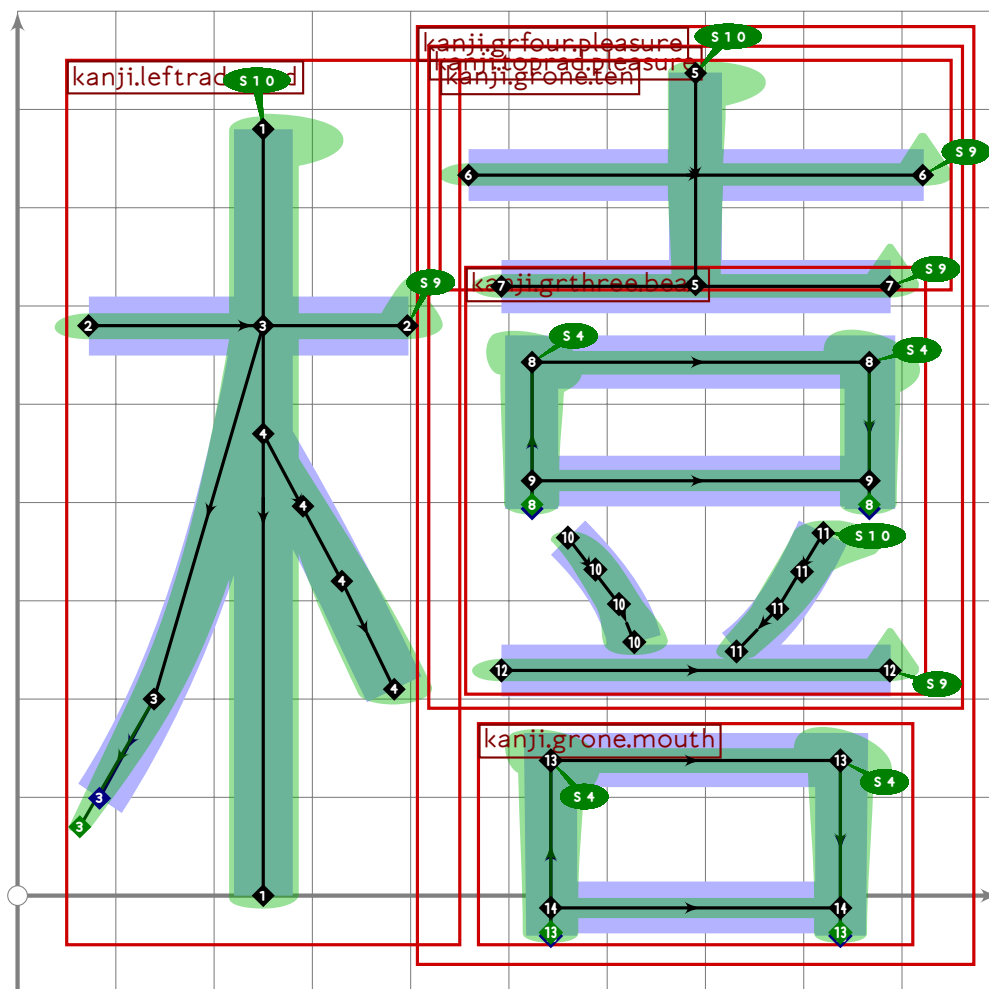




```

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

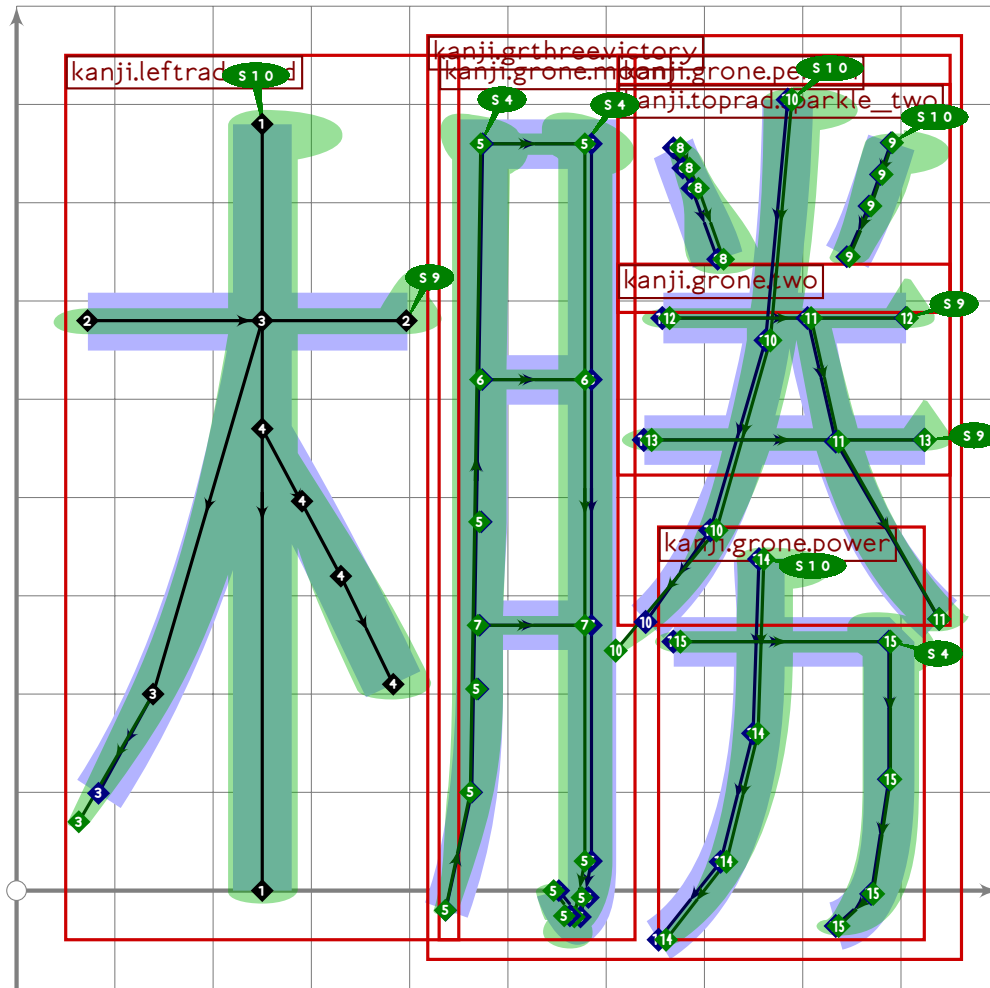
```



```

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

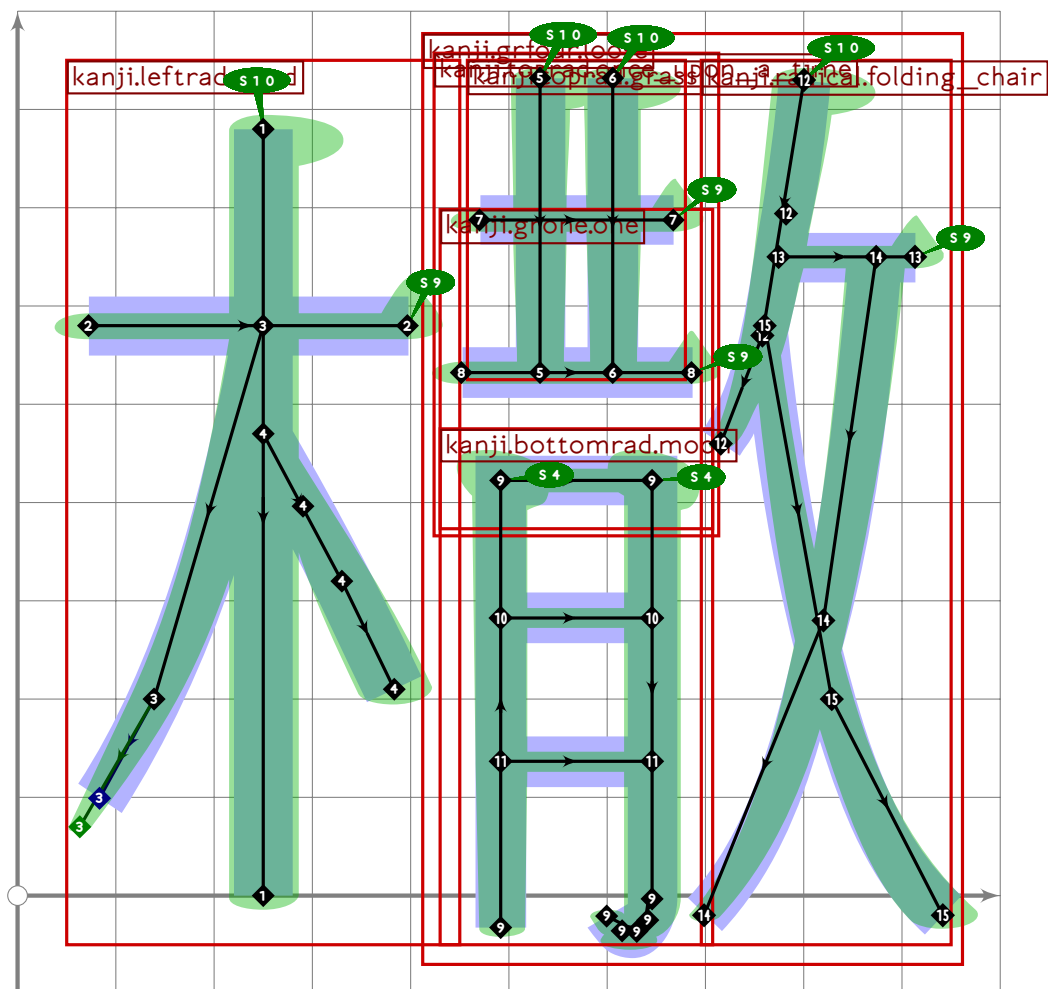
```



```

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

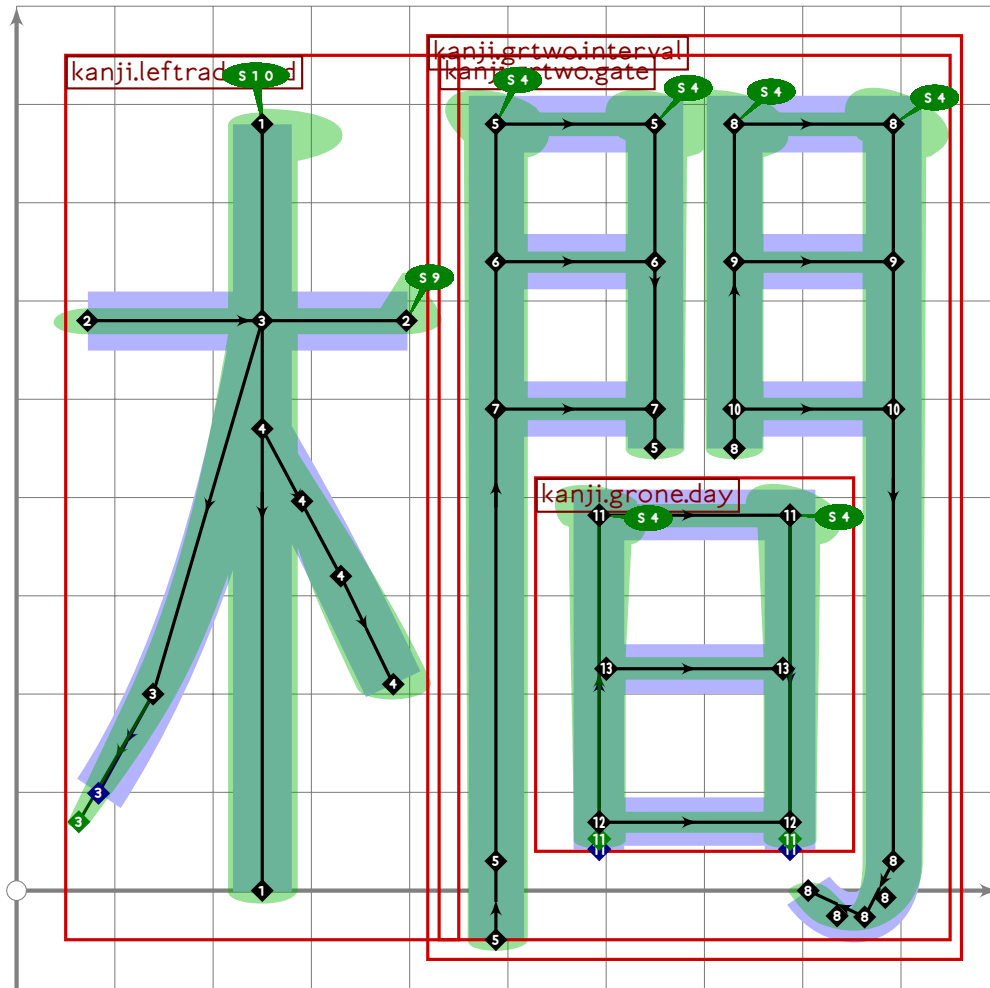
```



```

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

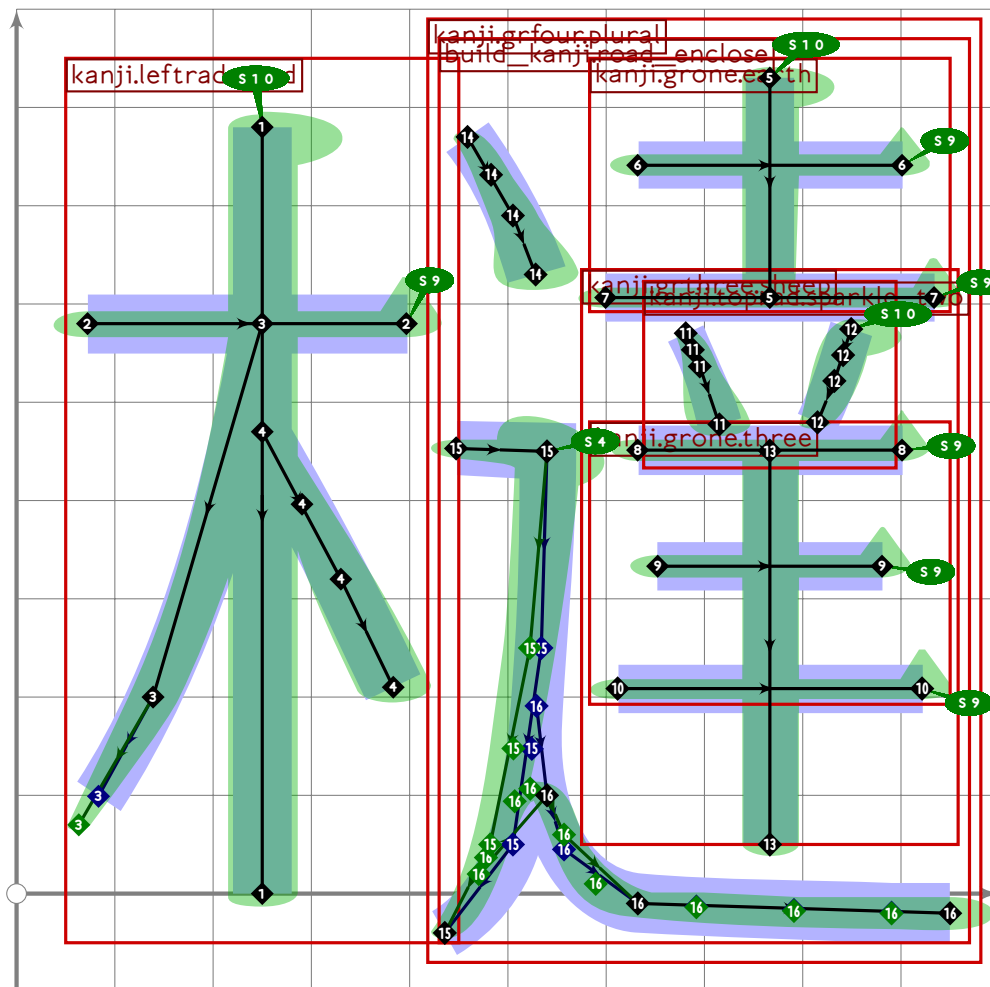
```



```

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

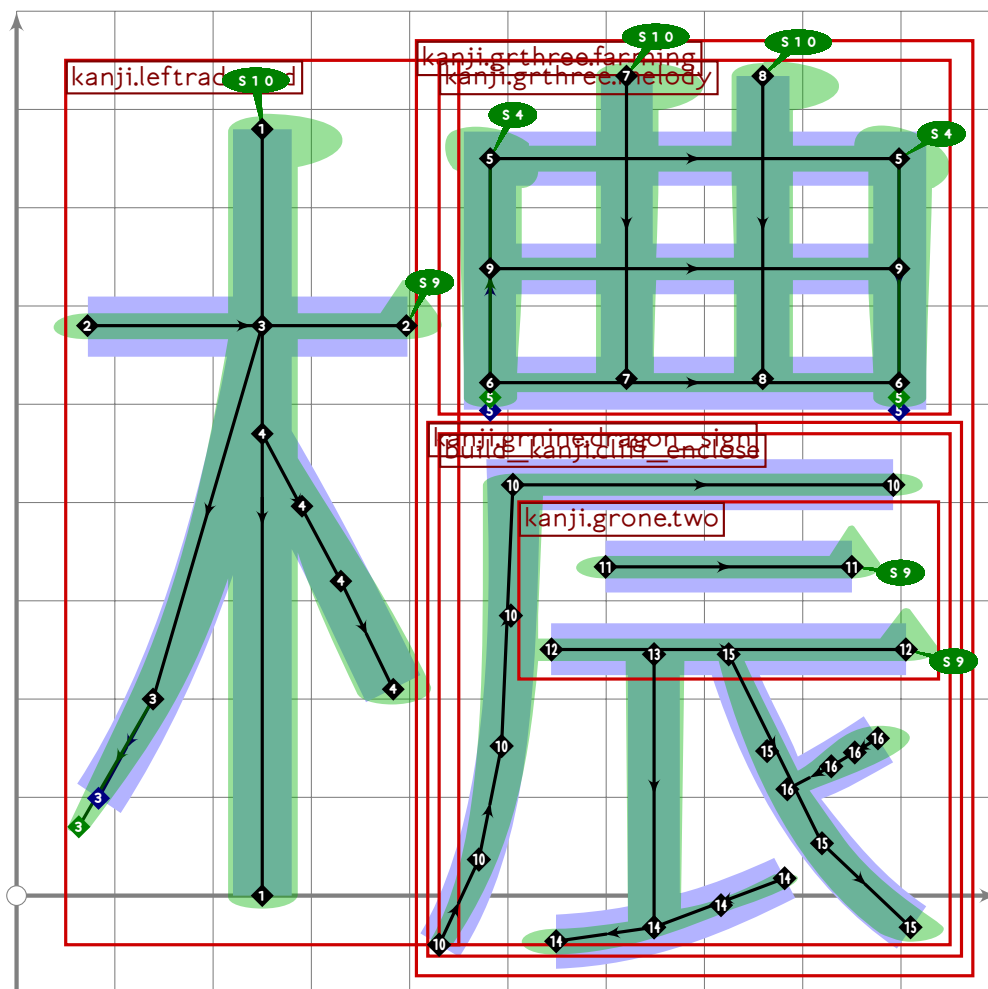
```



```

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

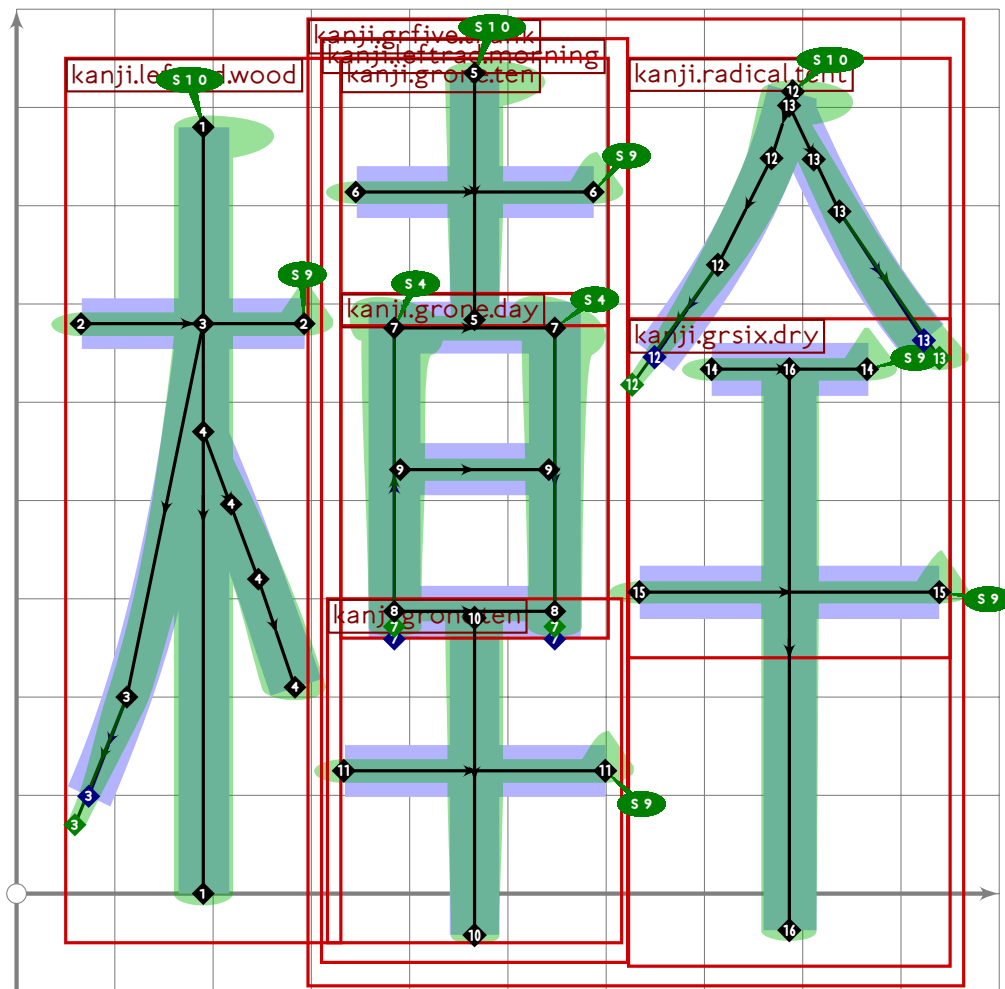
```



3359

U+6A8A  
tsuku.uni6A8A

6A

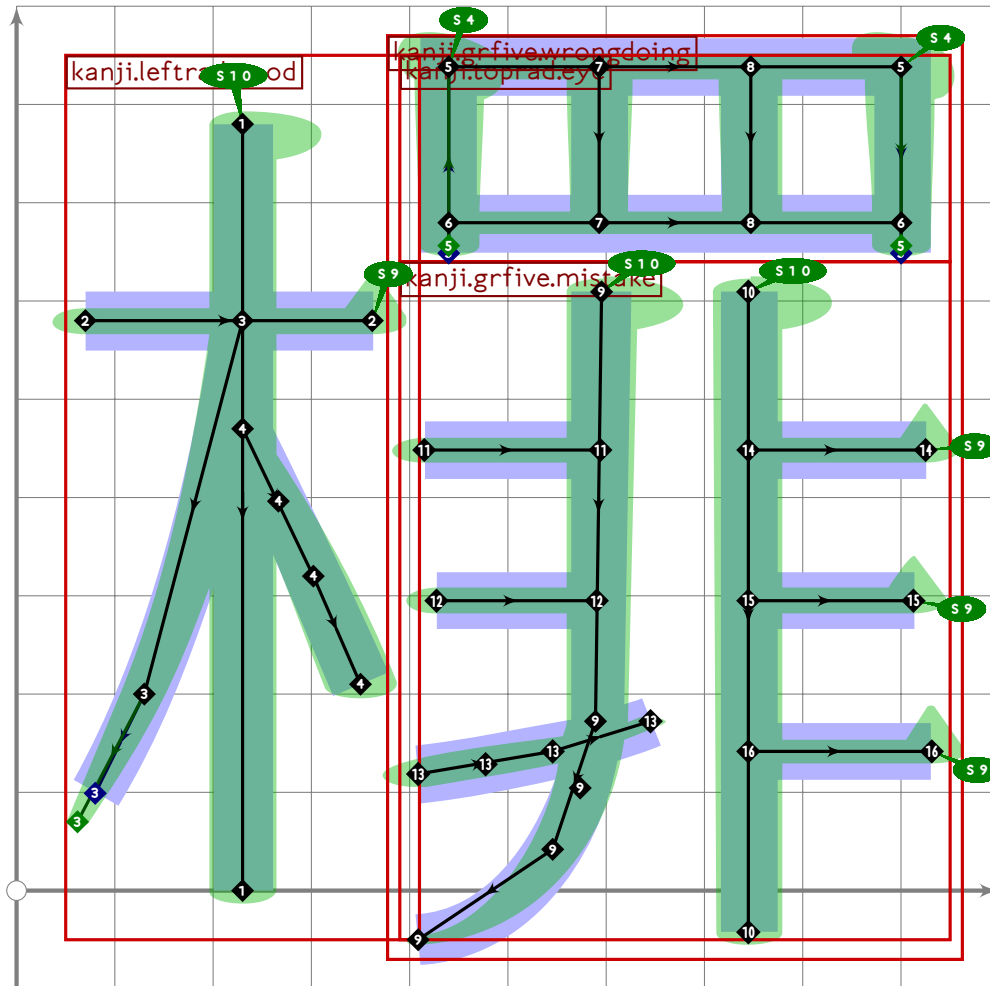


```

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

```

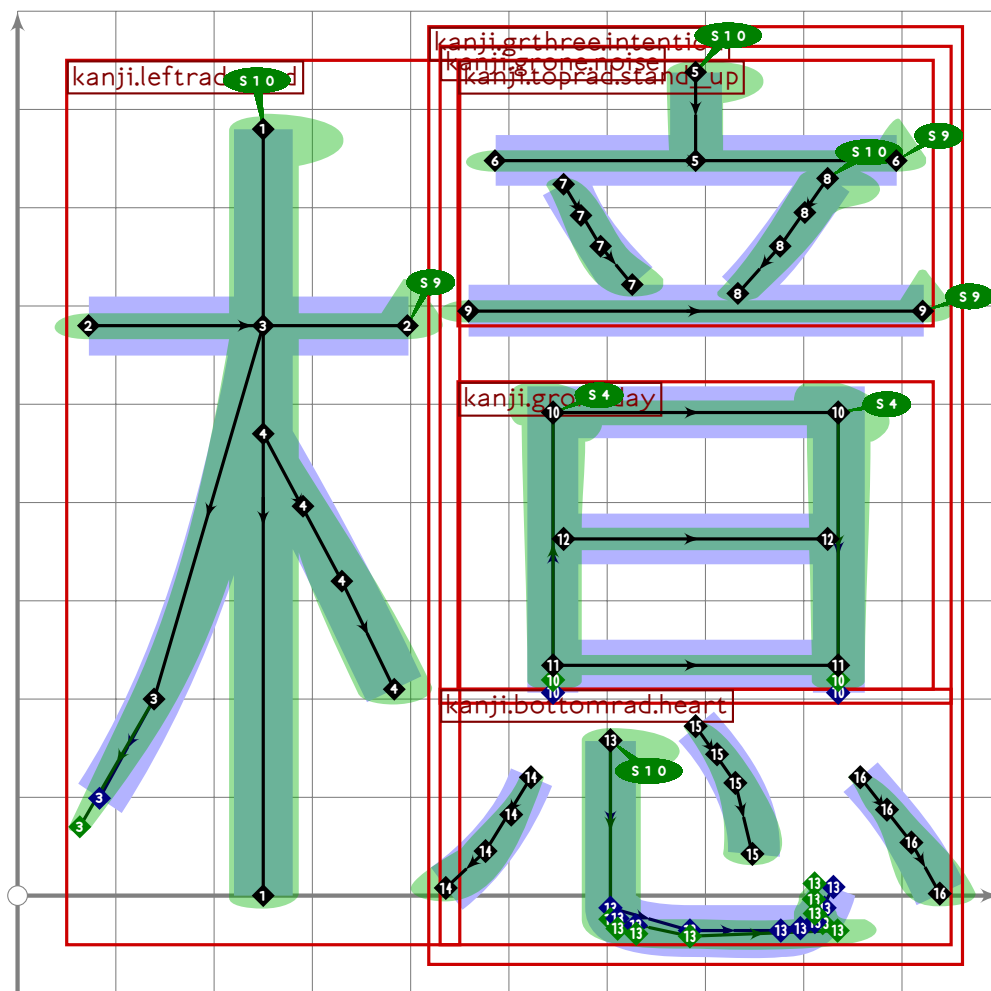




```

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

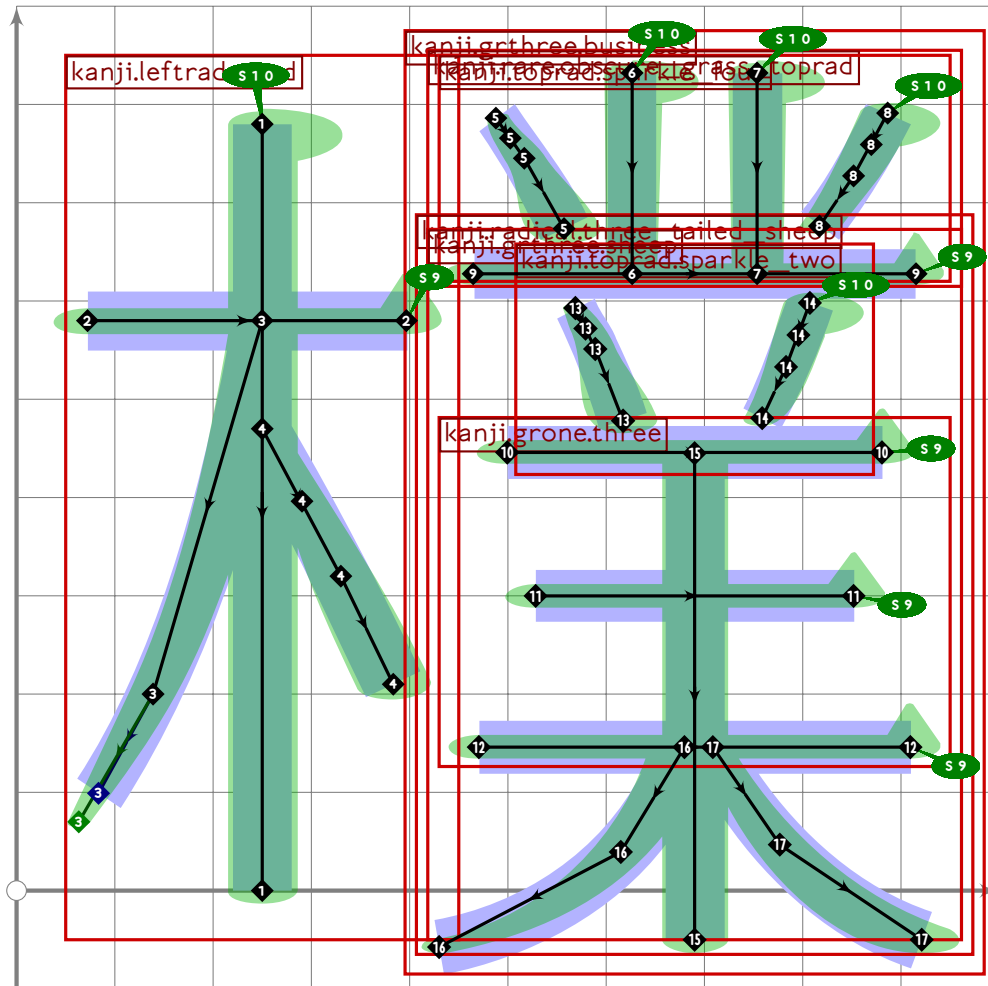
```



```

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

```

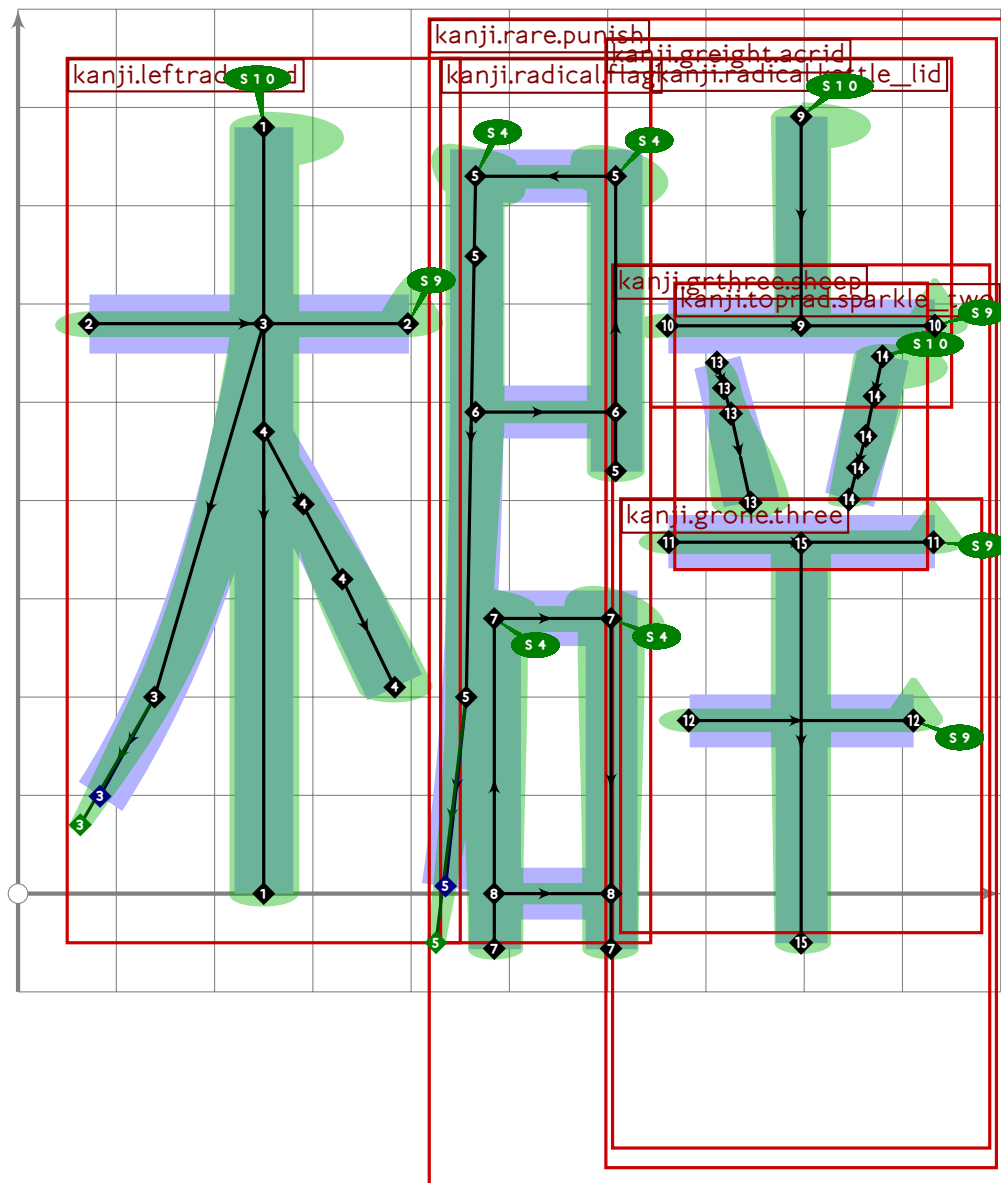


```

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

```

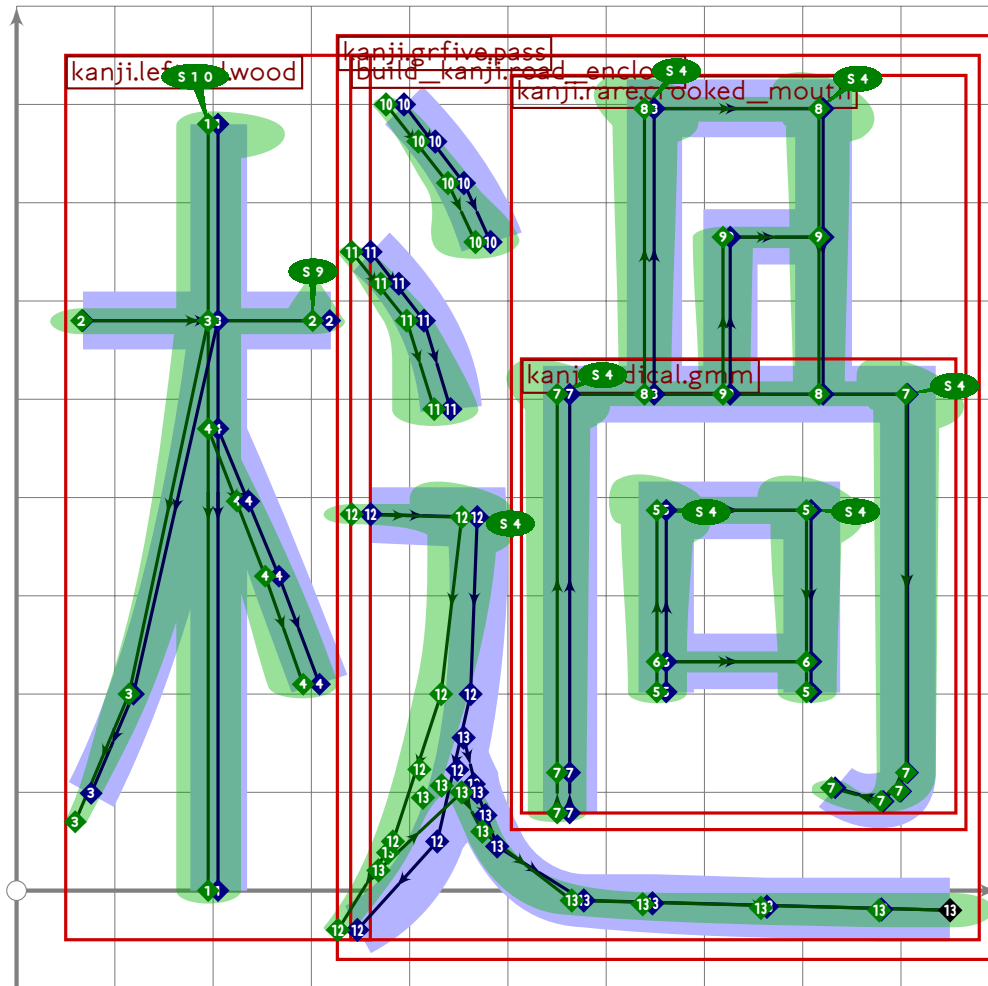
6A



```

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

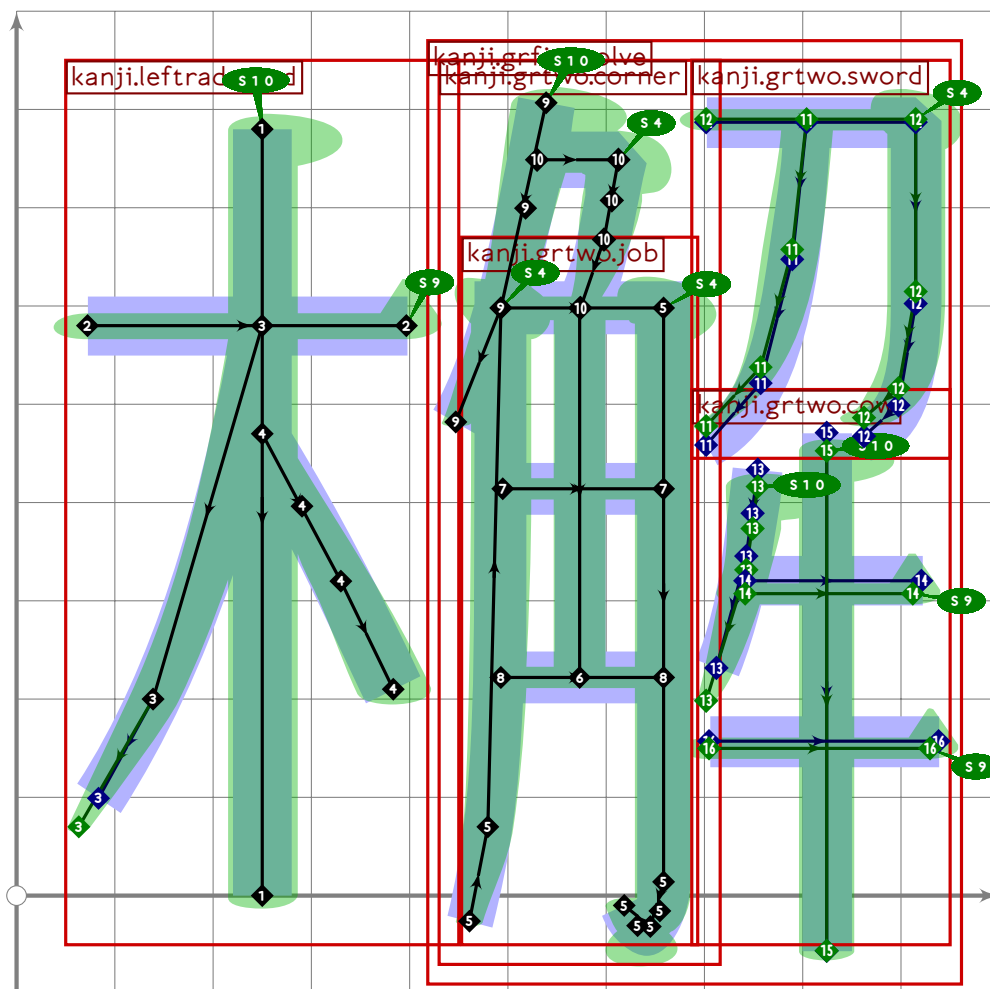
```



```

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 endtsuglyph;
483

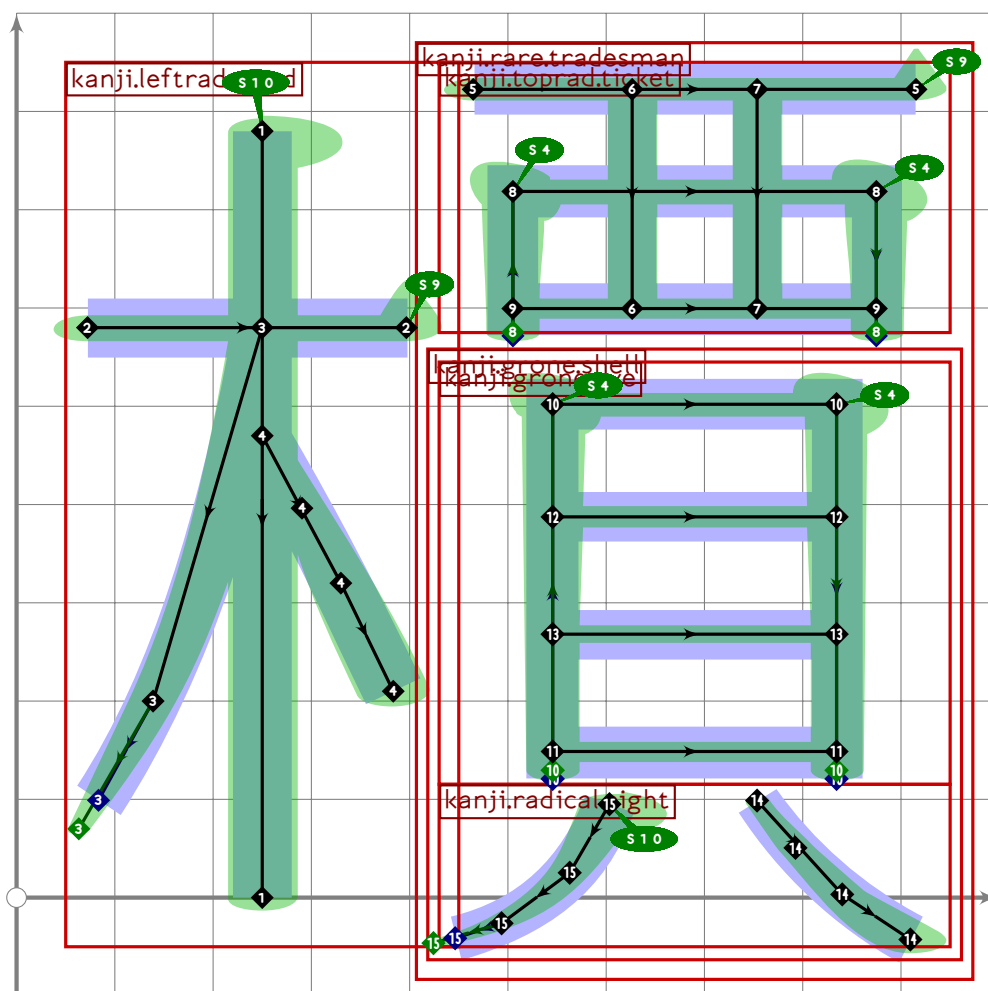
```



```

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

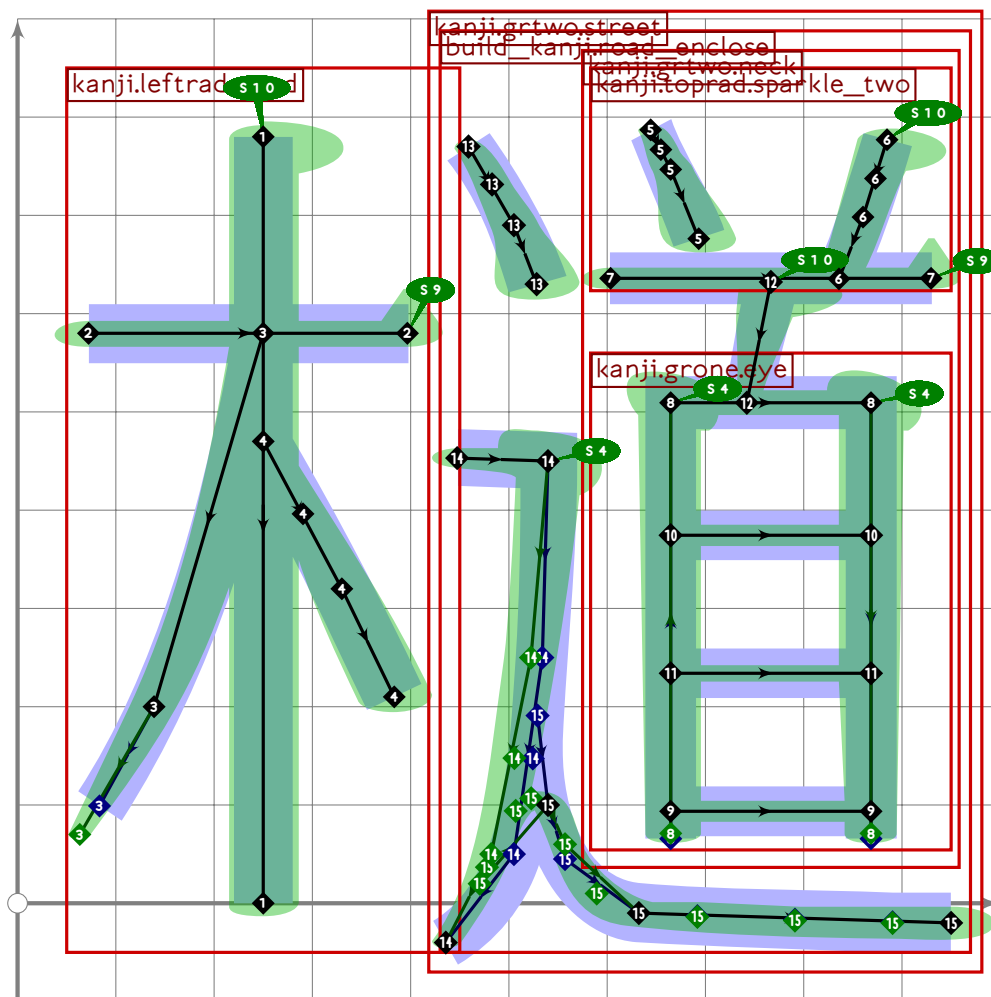
```



```

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

```

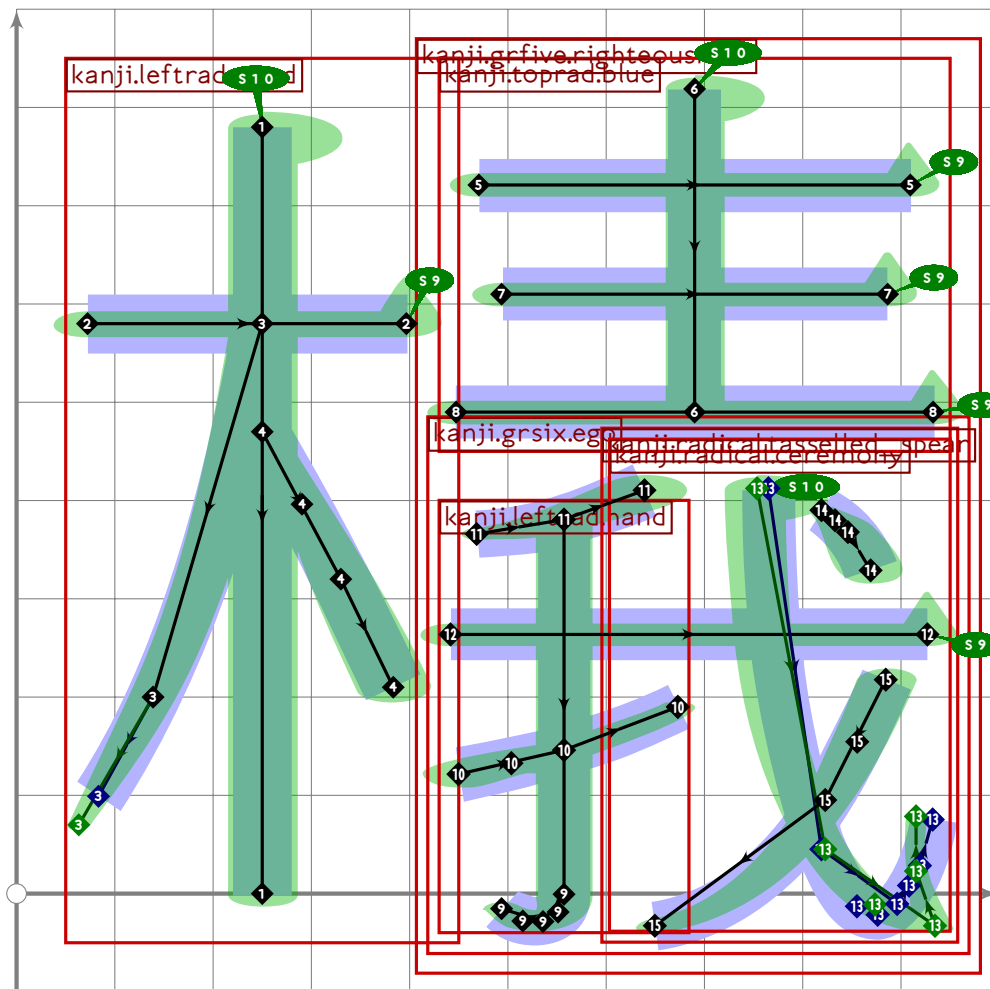


```

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

```

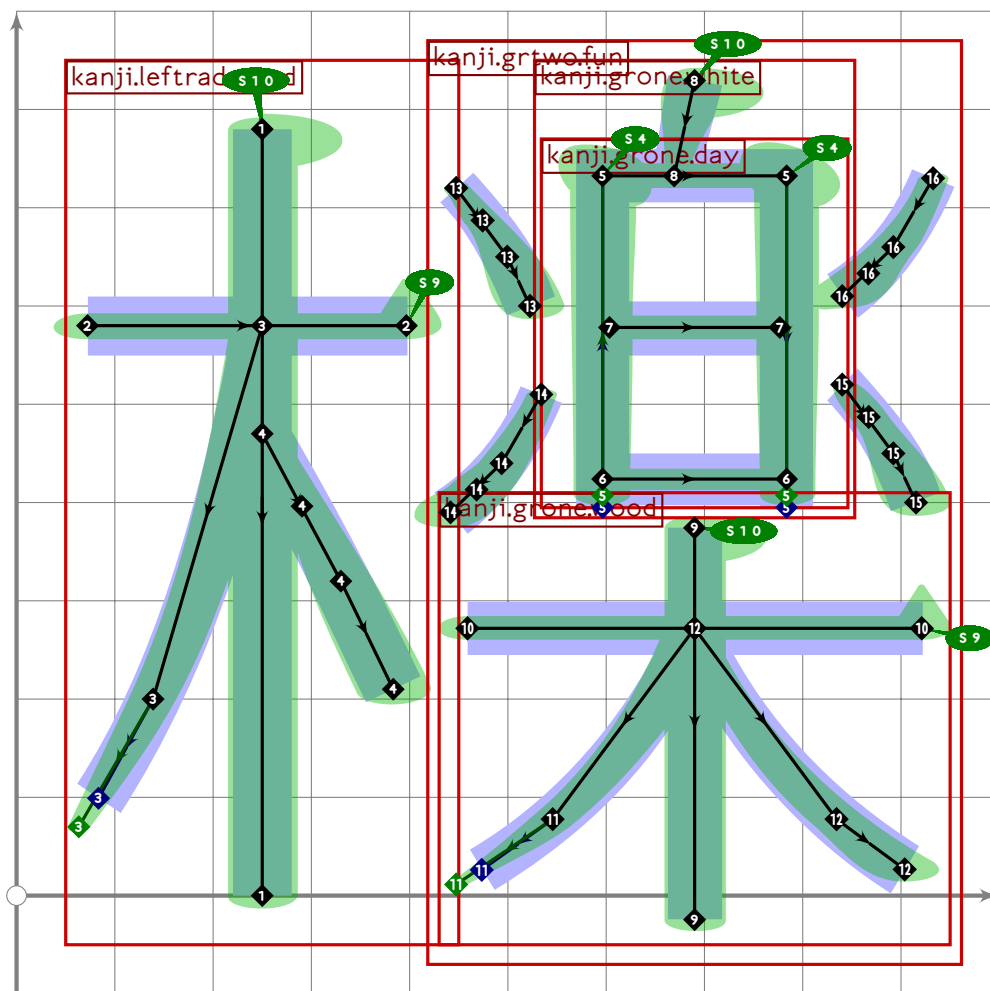




```

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

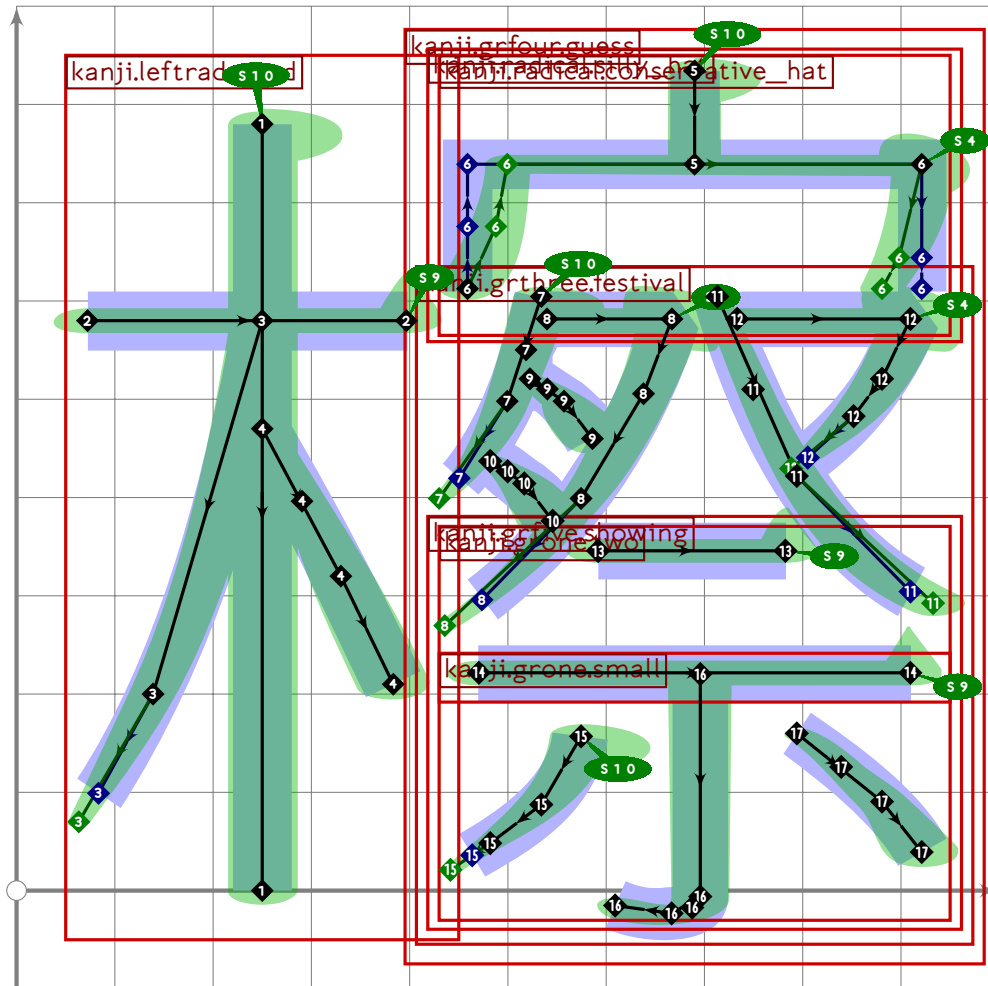
```



```

516 % extra: reki/kunugi "oak 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

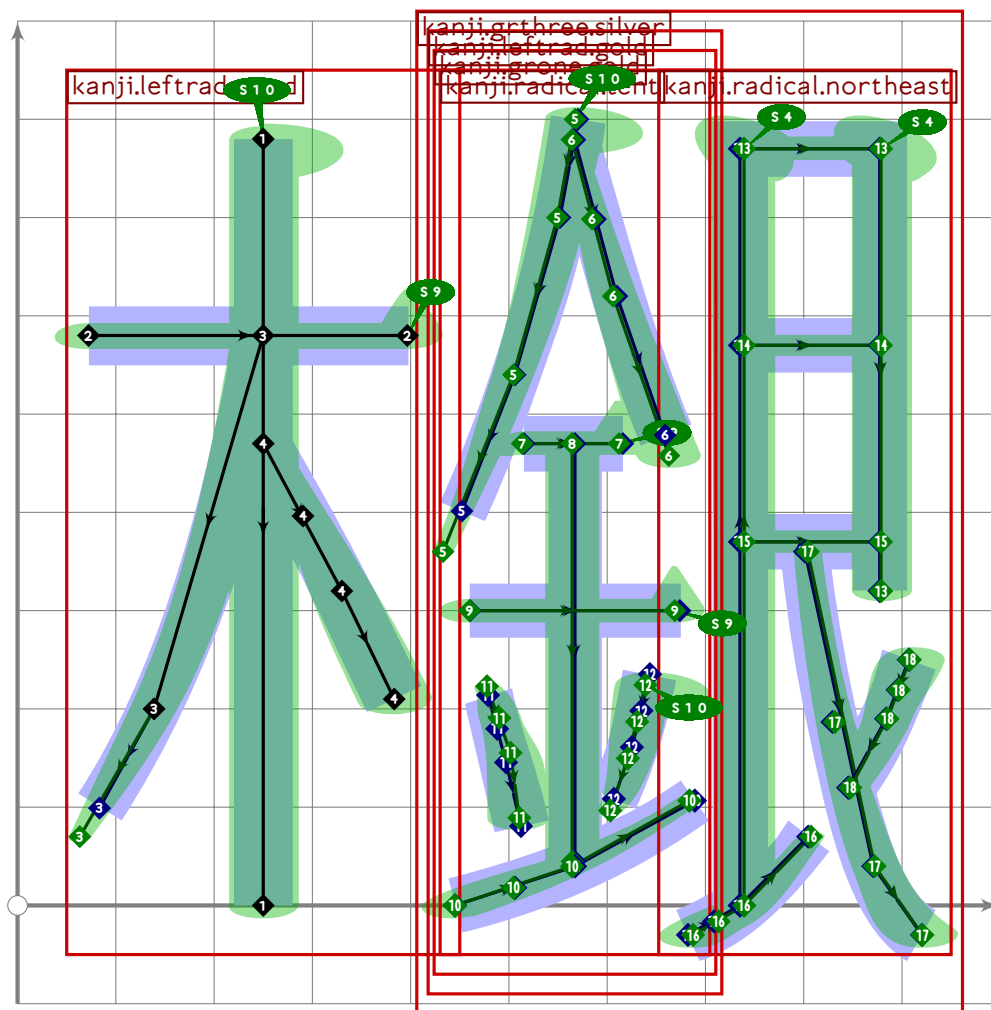
```



```

524 % extra satsu/shinbashira "sassafra tzumu" and a Buddhist technical term
525 begintsuglyph("uni6AAB";71);
526   build_kanji.lr(440,20)
527     (kanji.leftrad.wood)
528     (kanji.grfour.guess);
529   tsu_render;
530 endtsuglyph;
531

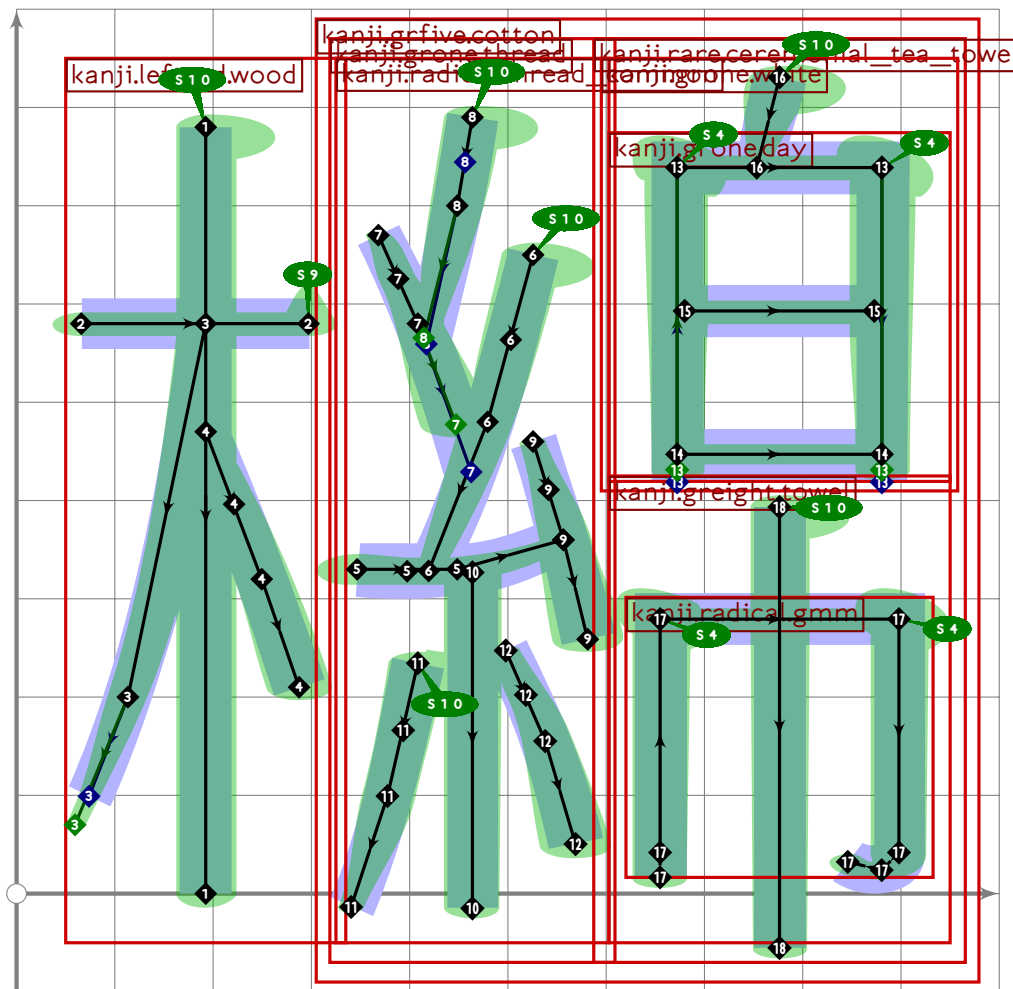
```



```

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

```

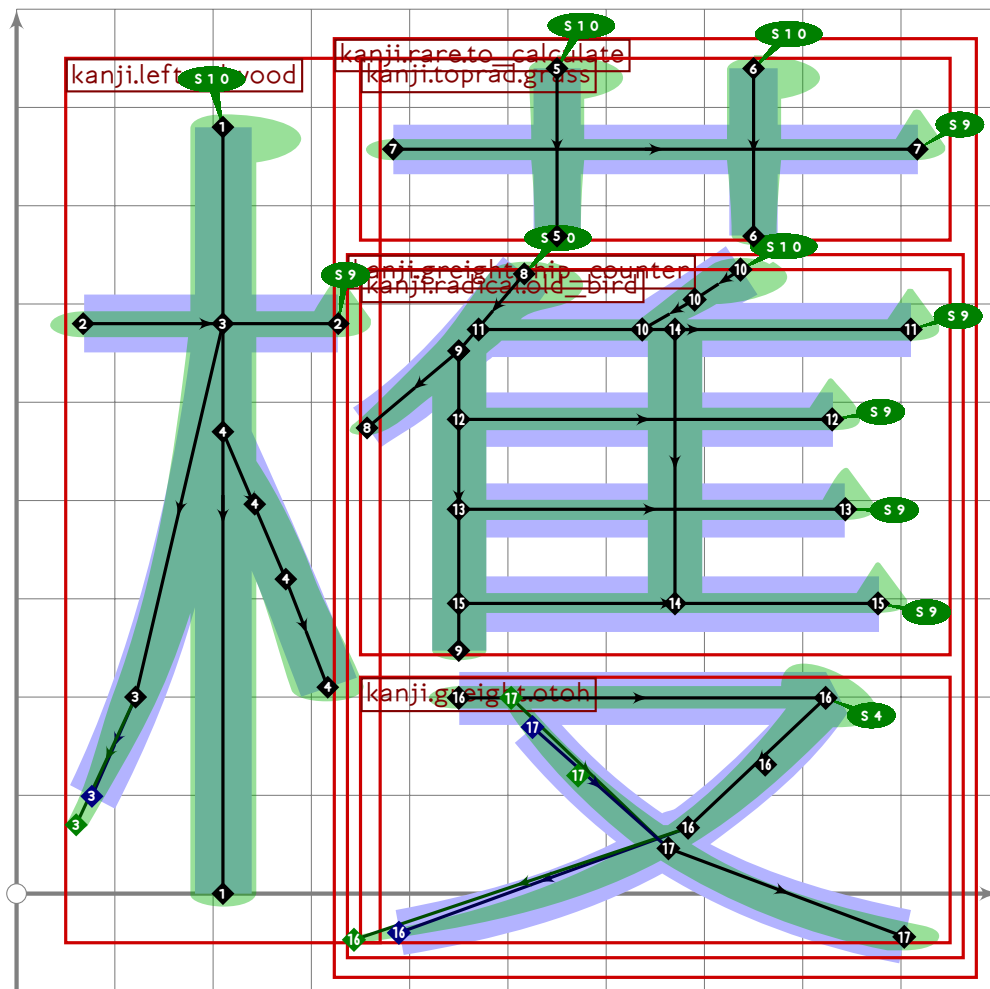


```

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 endtsuglyph;
547

```

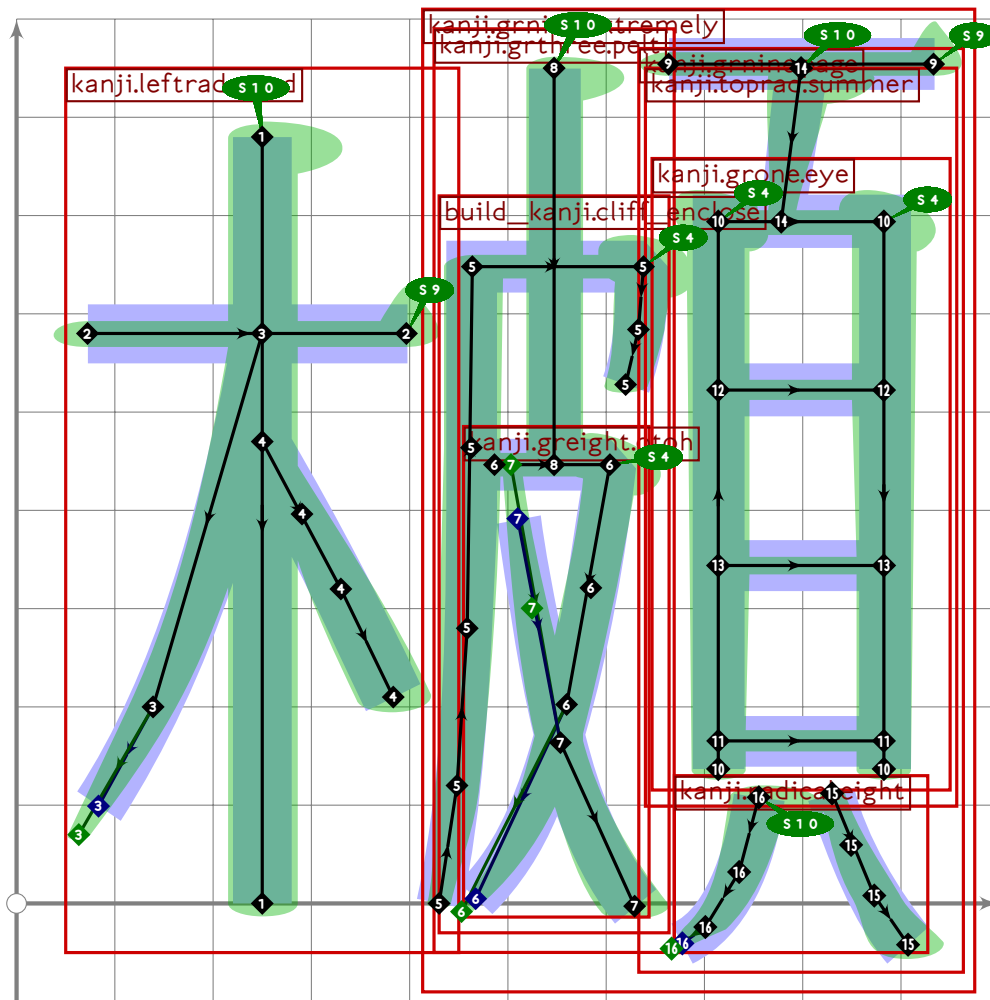
6A



```

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 endtsuglyph;
555

```

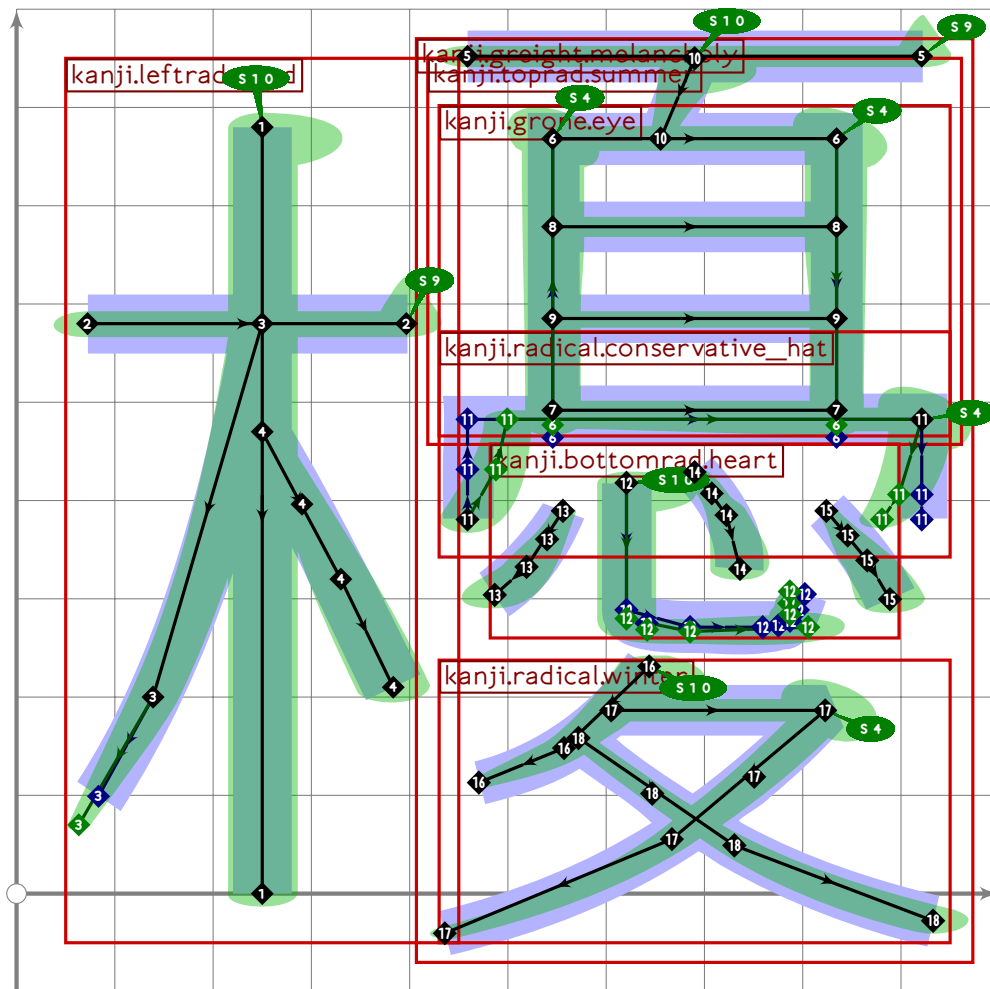


```

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

```

6A

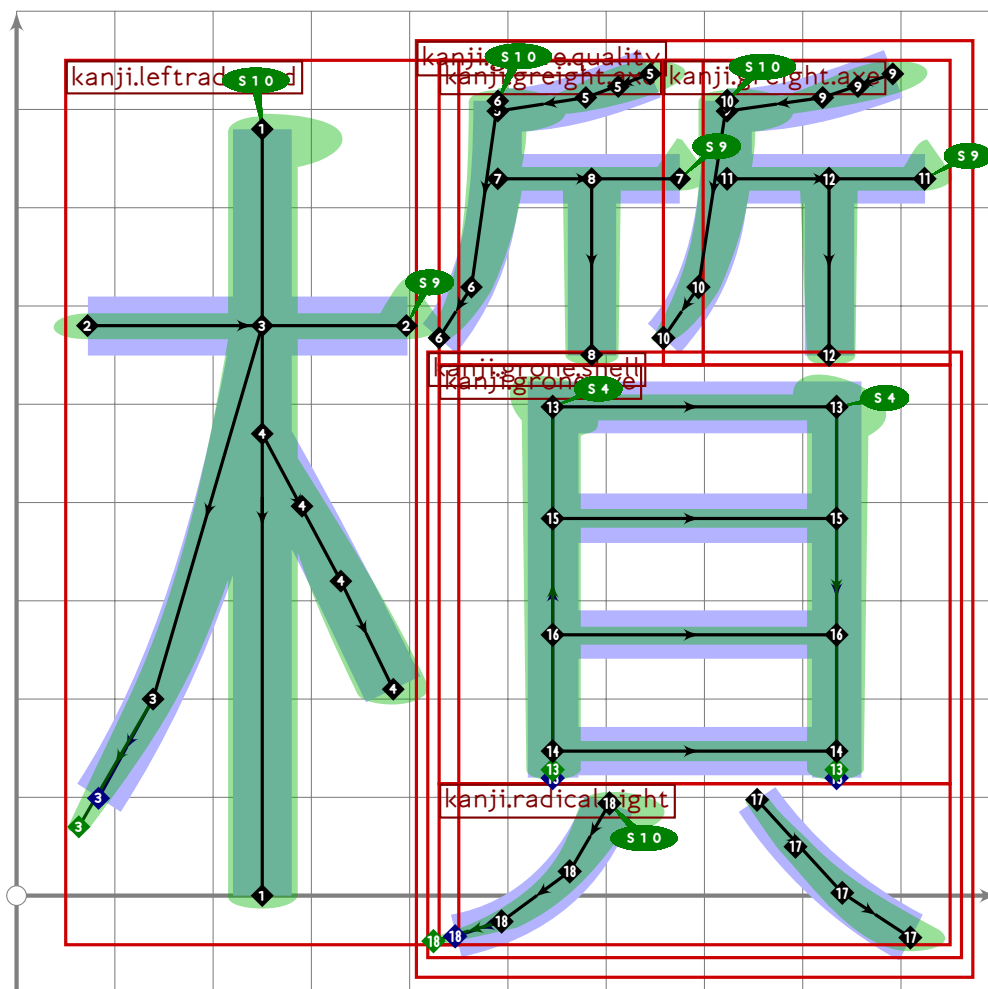


```

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

```

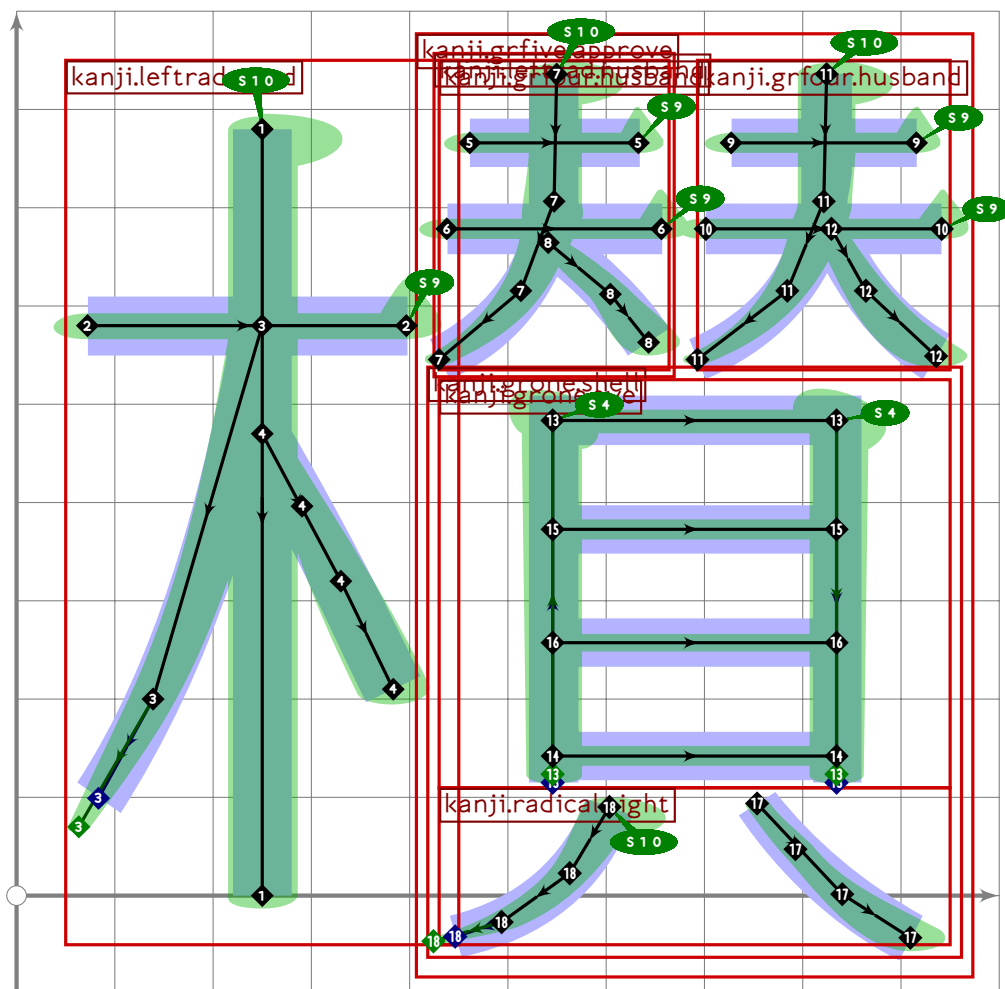




```

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

```

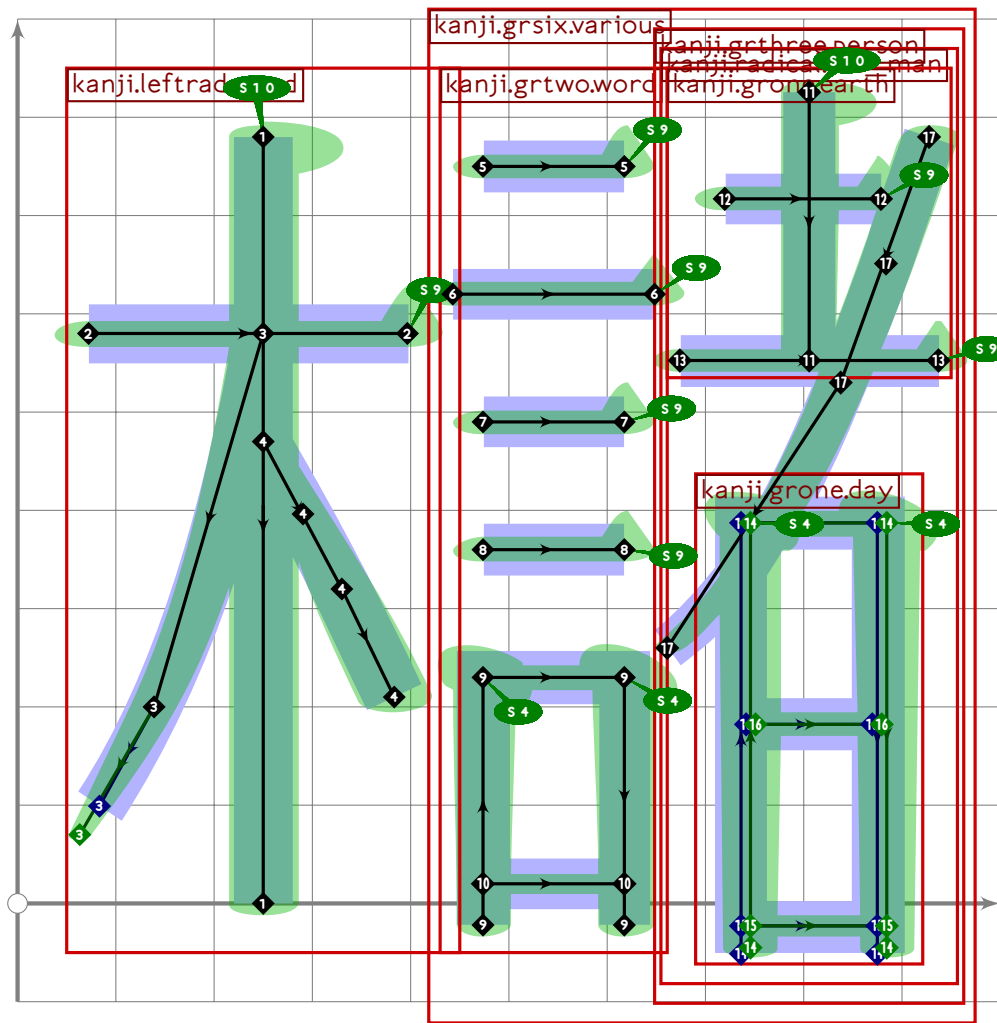


```

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]

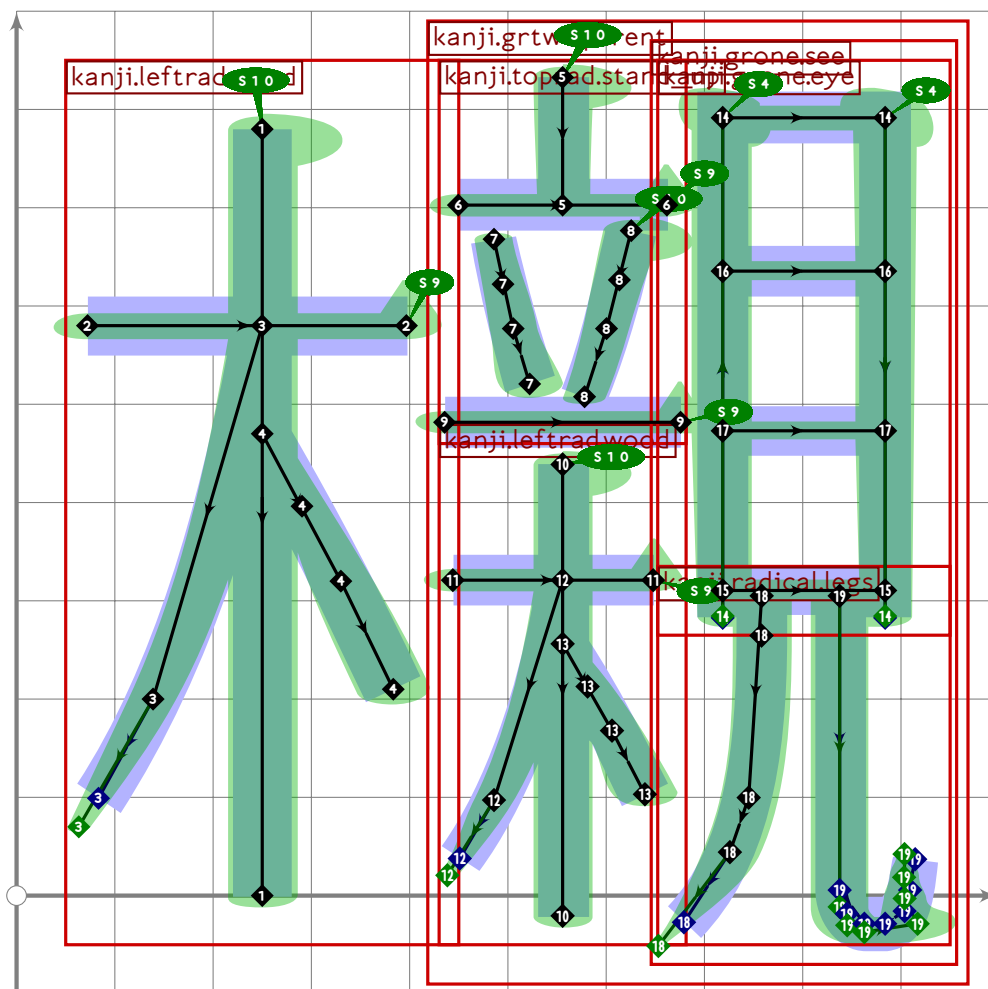


```

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

```

6A



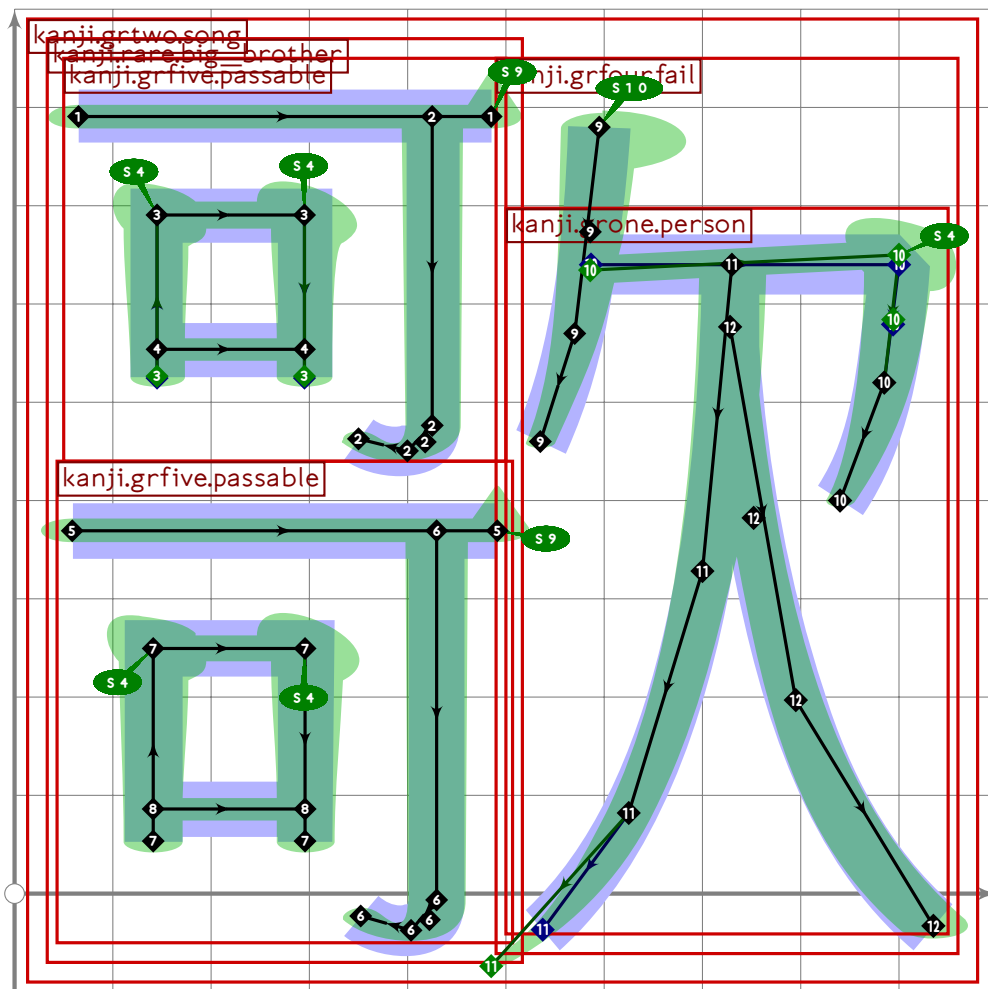
```

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

```

```
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 _____
```

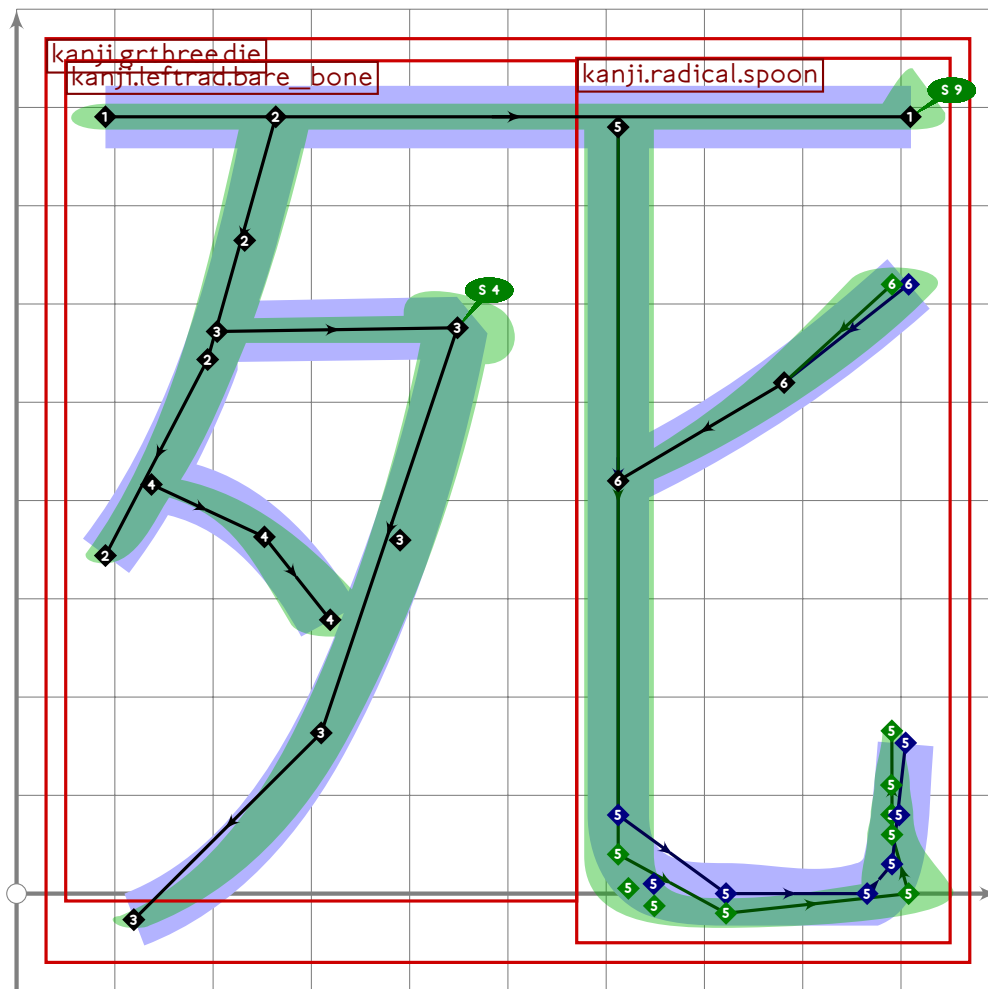
6B



```

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

```

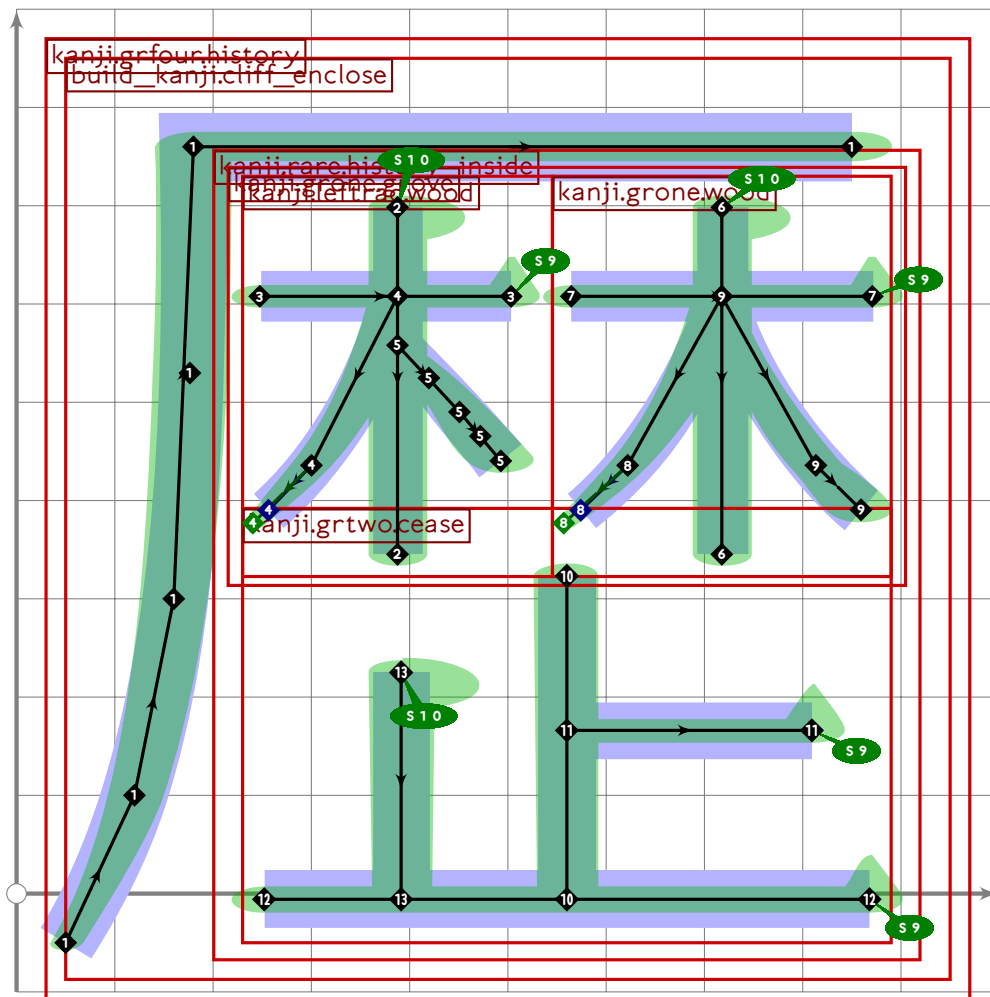


```

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

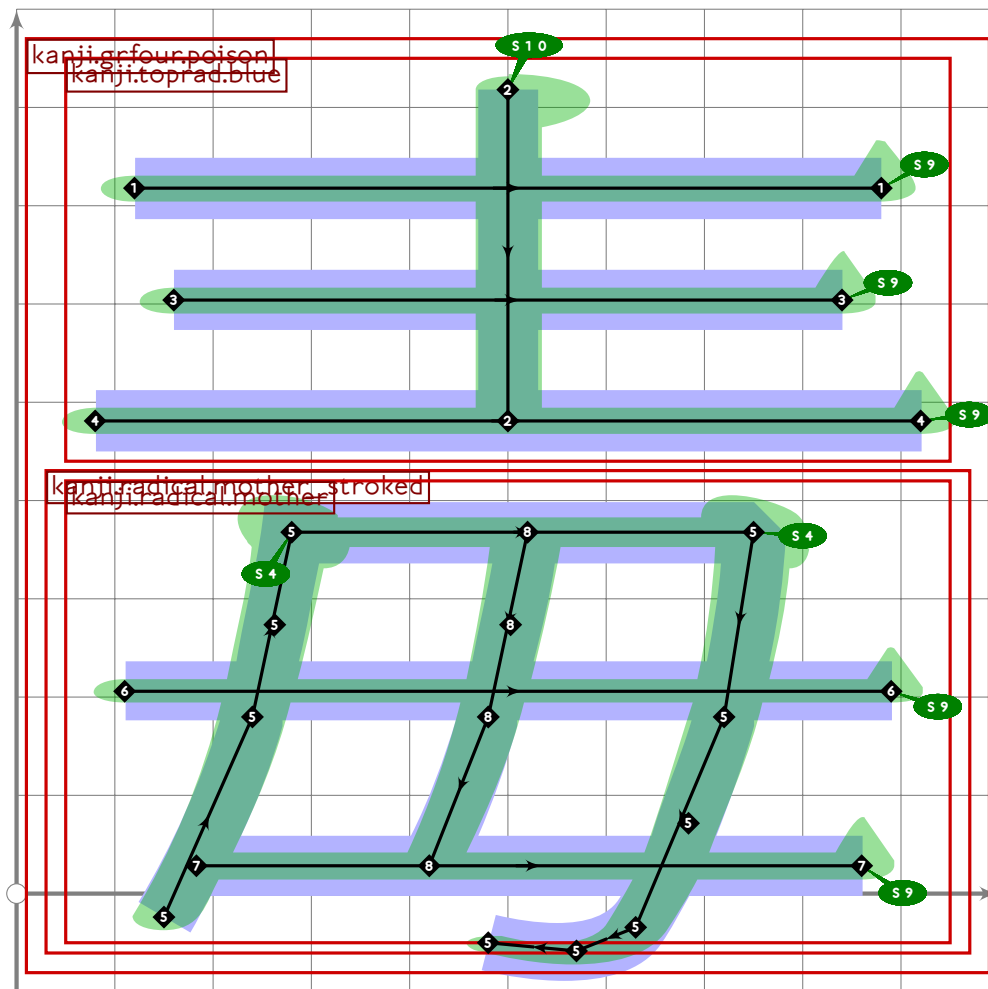


```

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;

```



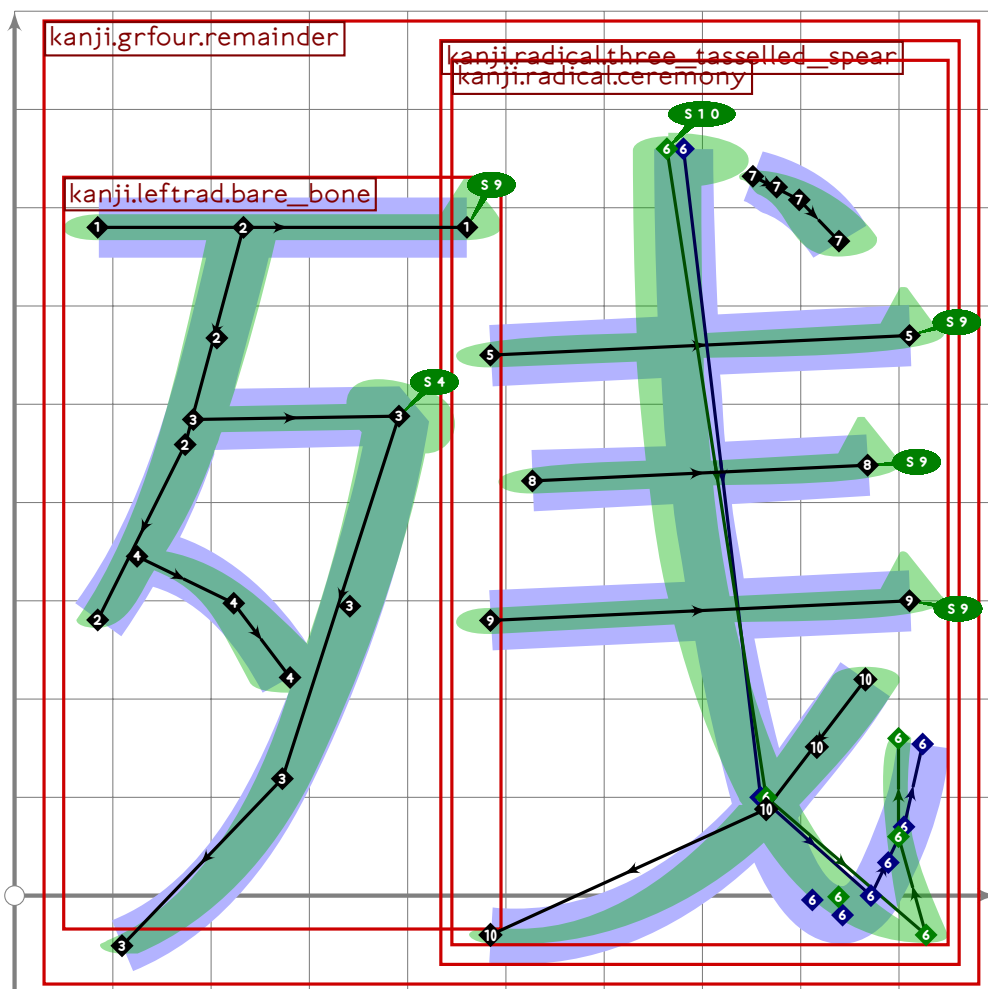


```

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;

```

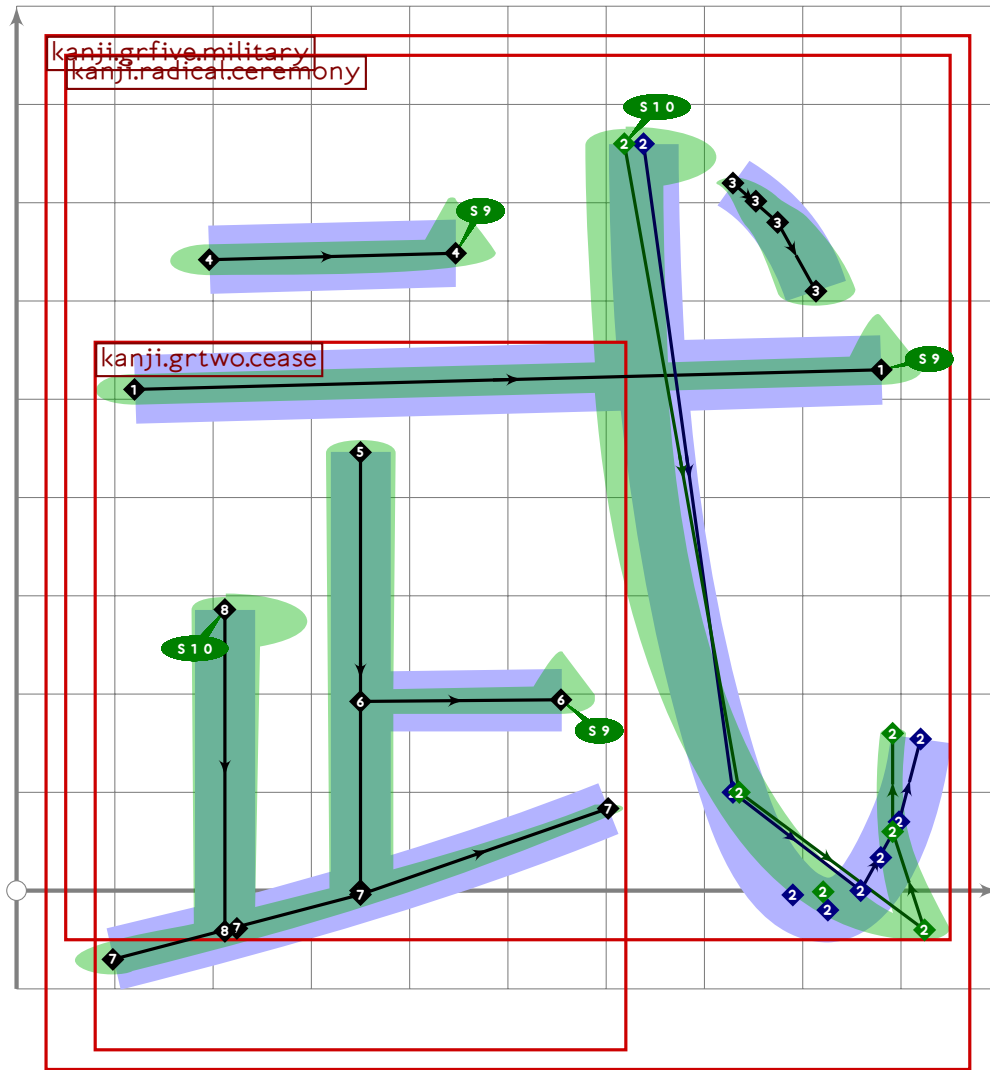
6B



```

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

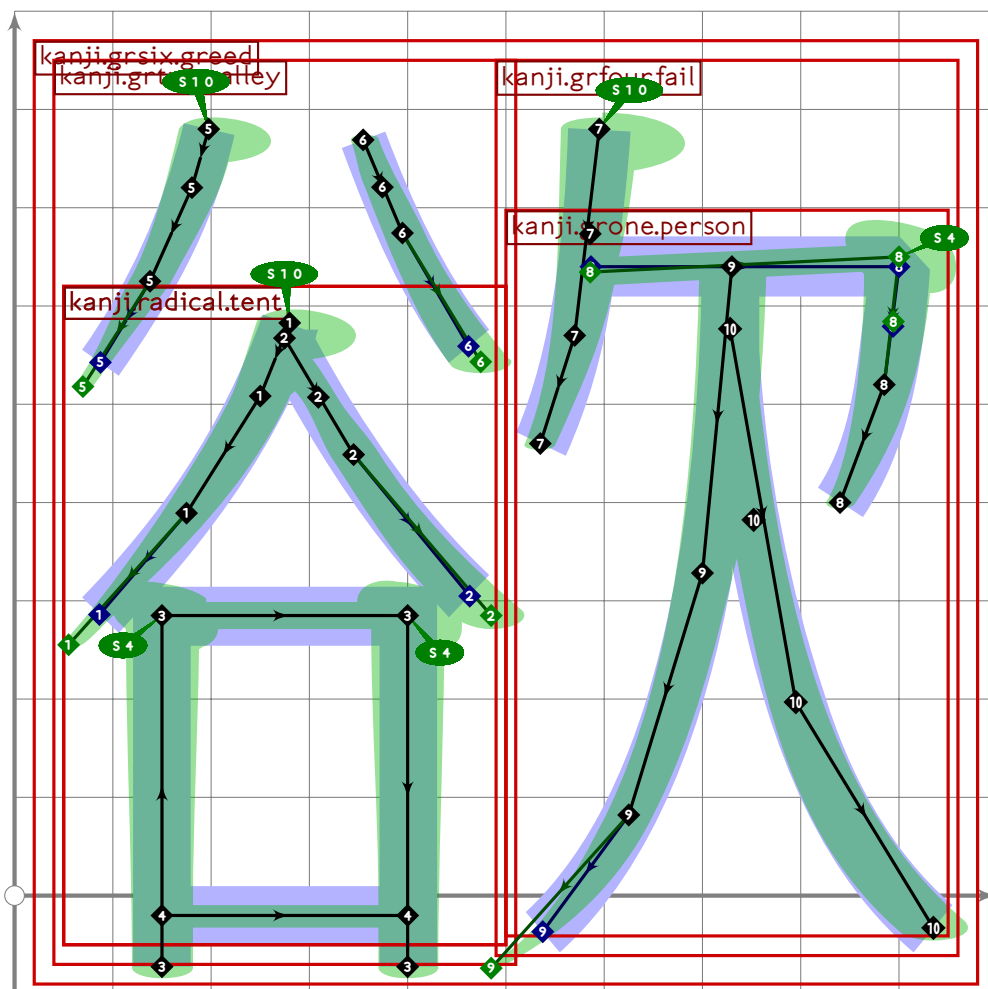
```



```

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.scale(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 beginsuglyph("uni6B20";32);
130   kanji.grfour.fail;
131   tsu_render;
132 endsuglyph;
133
134 % ji/tsugi "next"
135 beginsuglyph("uni6B21";33);
136   kanji.grthree.next;
137   tsu_render;

```

[see page 708]

[see page 654]

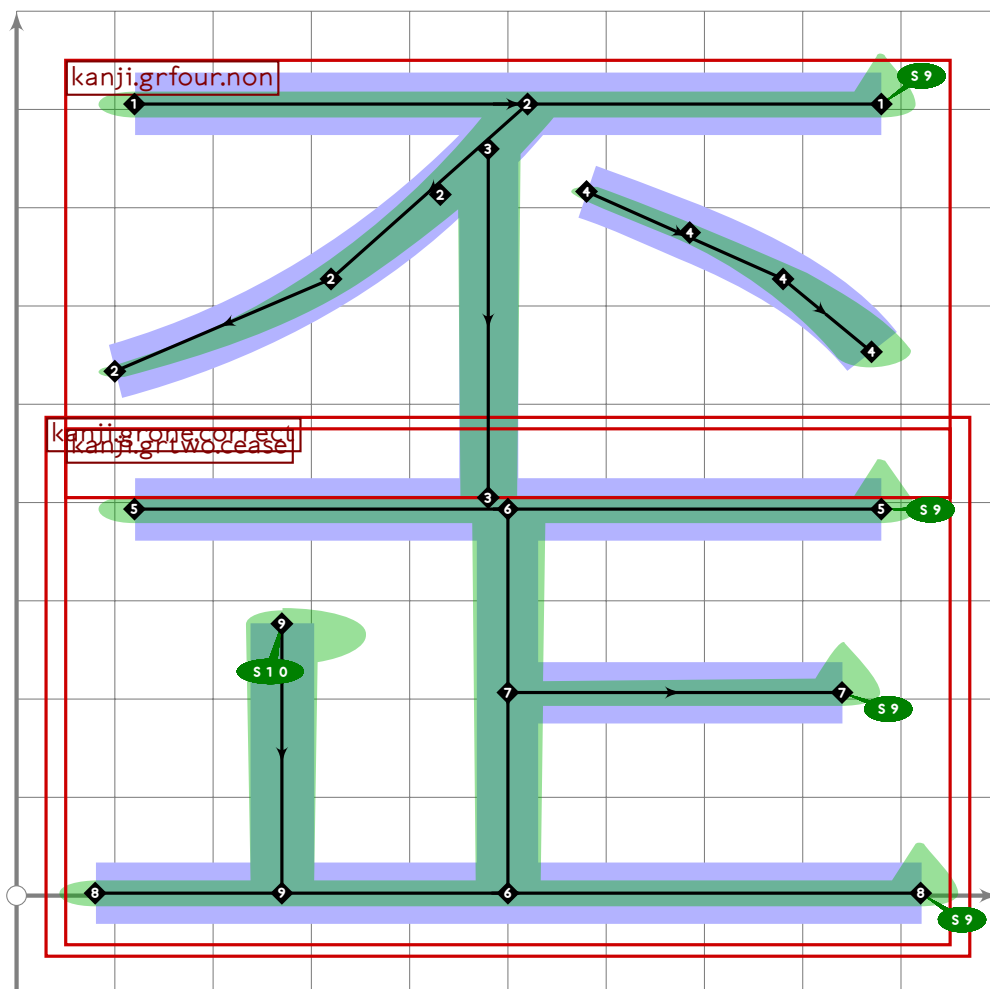
```

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

```

U+6B6A  
tsuku.uni6B6A

6B



```

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 endtsuglyph;
183
184 % shi/ha "tooth"
185 begintsuglyph("uni6B6F",111);
186   kanji.grthree.tooth;
187   tsu_render;
188 endtsuglyph;
189
190 % reki "history"
191 begintsuglyph("uni6B74",116);
192   kanji.grfour.history;
193   tsu_render;
194 endtsuglyph;
195
196 % gatsu "bare bone radical"

```

[see page 677]

[see page 723]

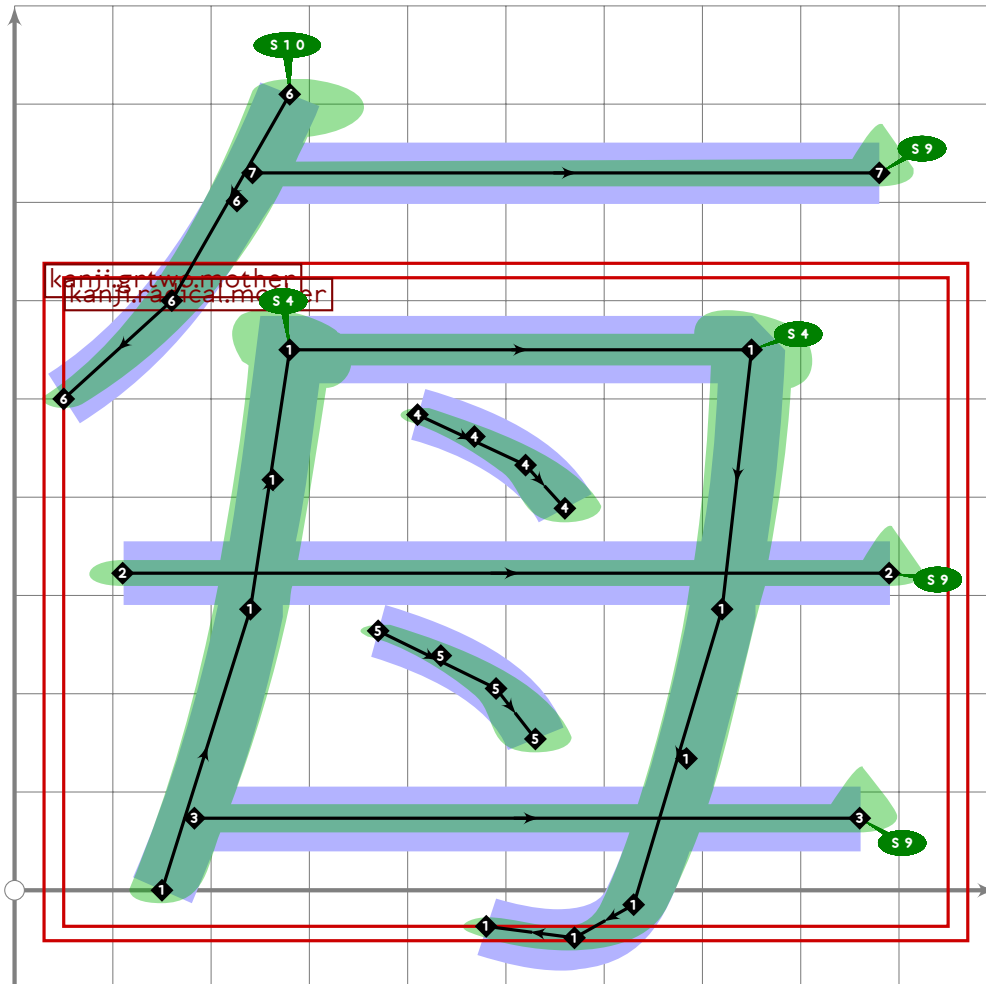
197 `begintsuglyph("uni6B79";121);` [see page 848]  
 198 `kanji.leftrad.bare_bone;`  
 199 `tsu_render;`  
 200 `endtsuglyph;`  
 201  
 202 `% shi "die"`  
 203 `begintsuglyph("uni6B7B";123);` [see page 3383]  
 204 `kanji.grthree.die;`  
 205 `tsu_render;`  
 206 `endtsuglyph;`  
 207  
 208 `% zan/noko "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"`

U+6BCF  
tsuku.uni6BCF

[see page 518]

6B

```
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 _____
```

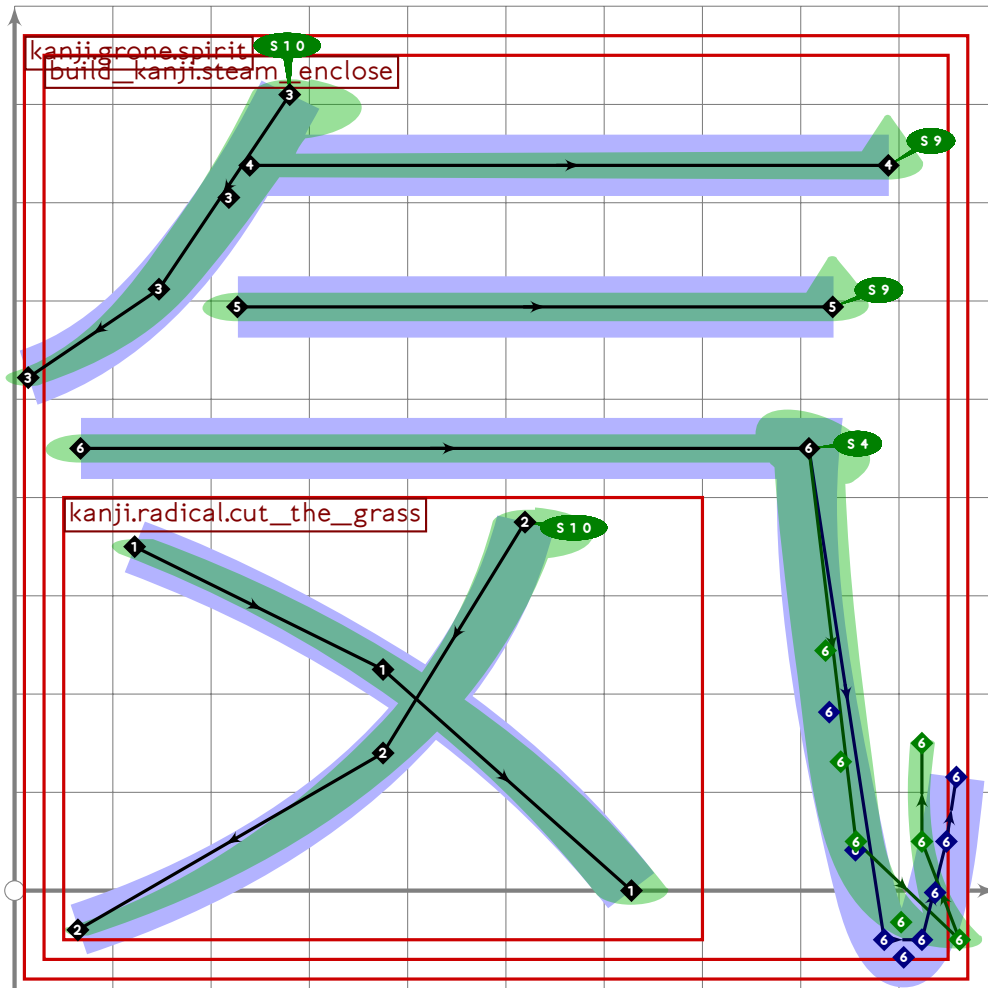
```
1 %
2 % Unicode page 6C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```



6C

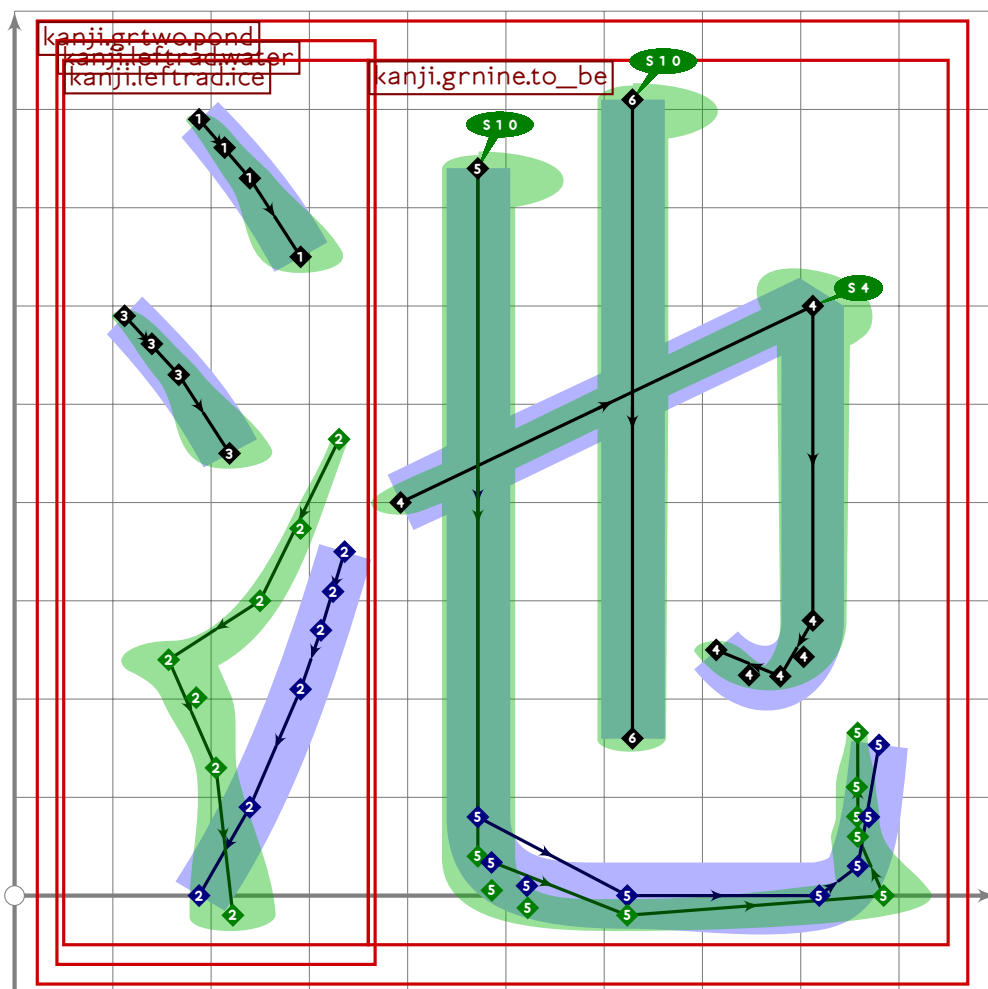
```

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

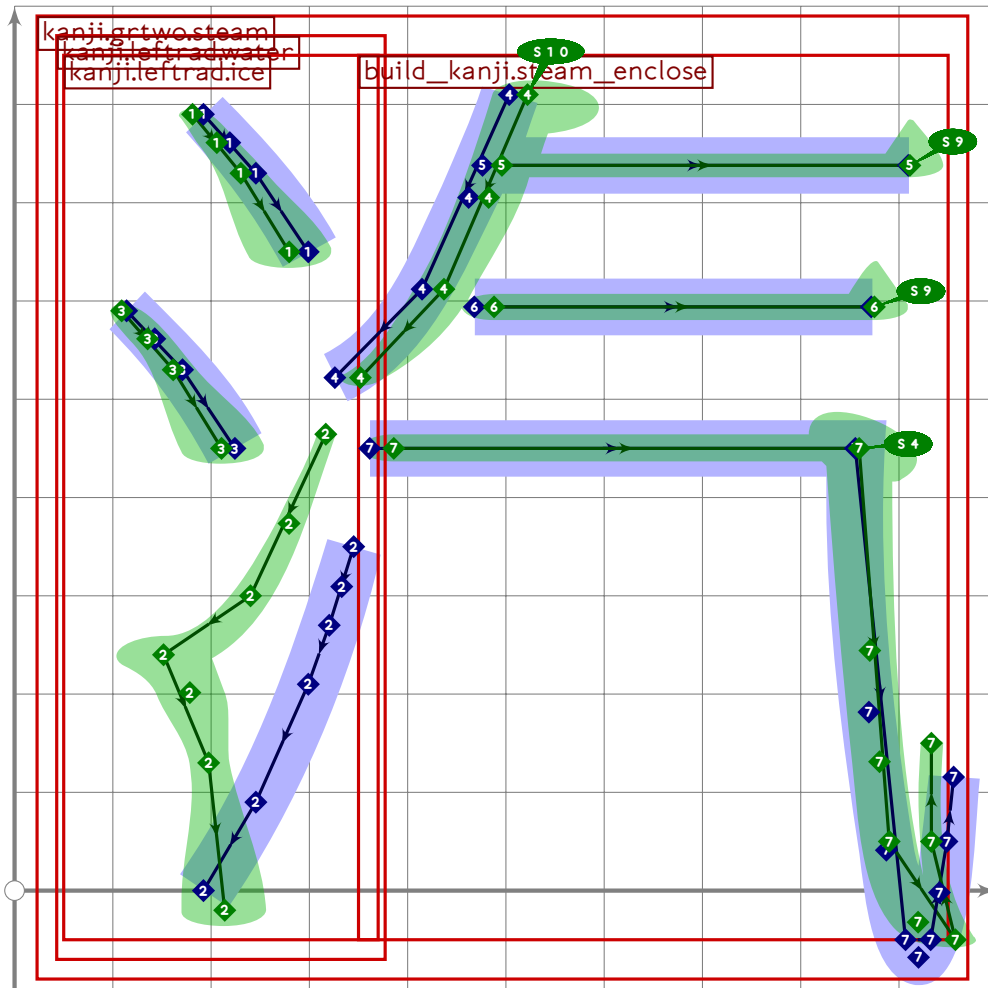
6C



```

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

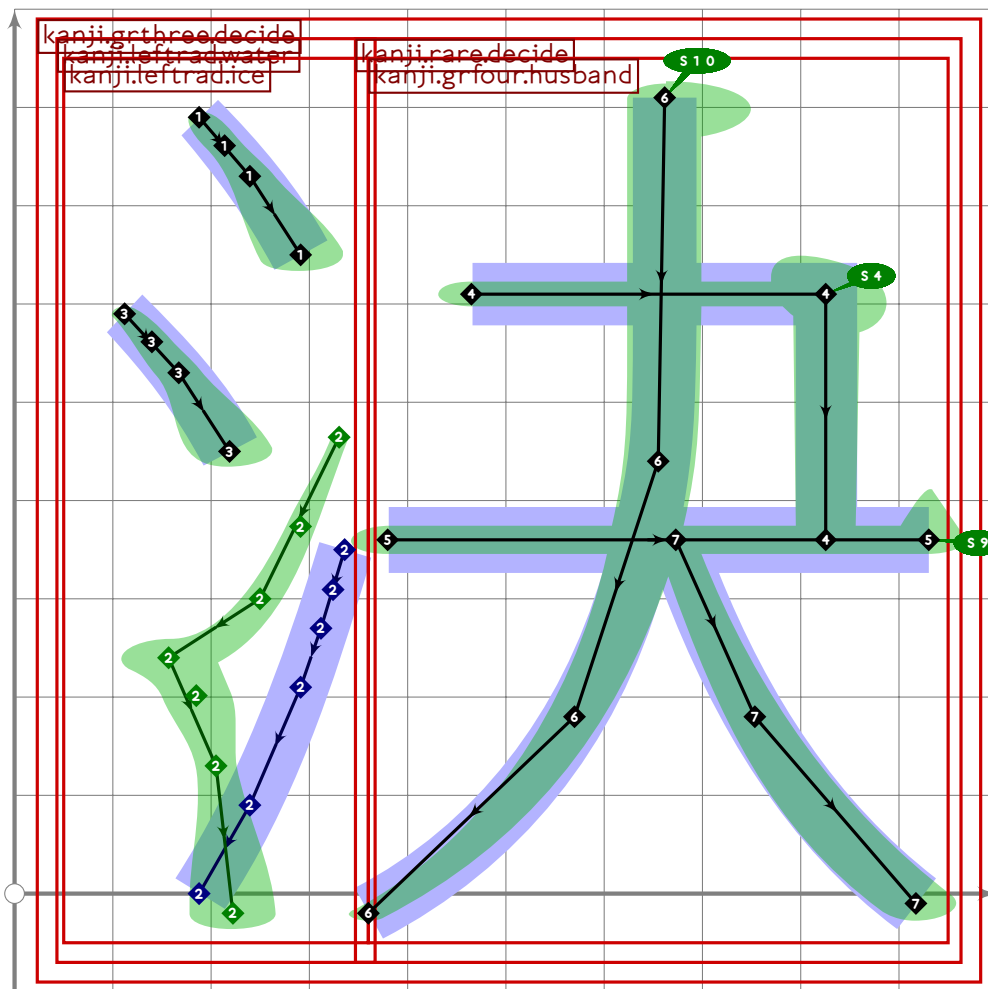
```

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

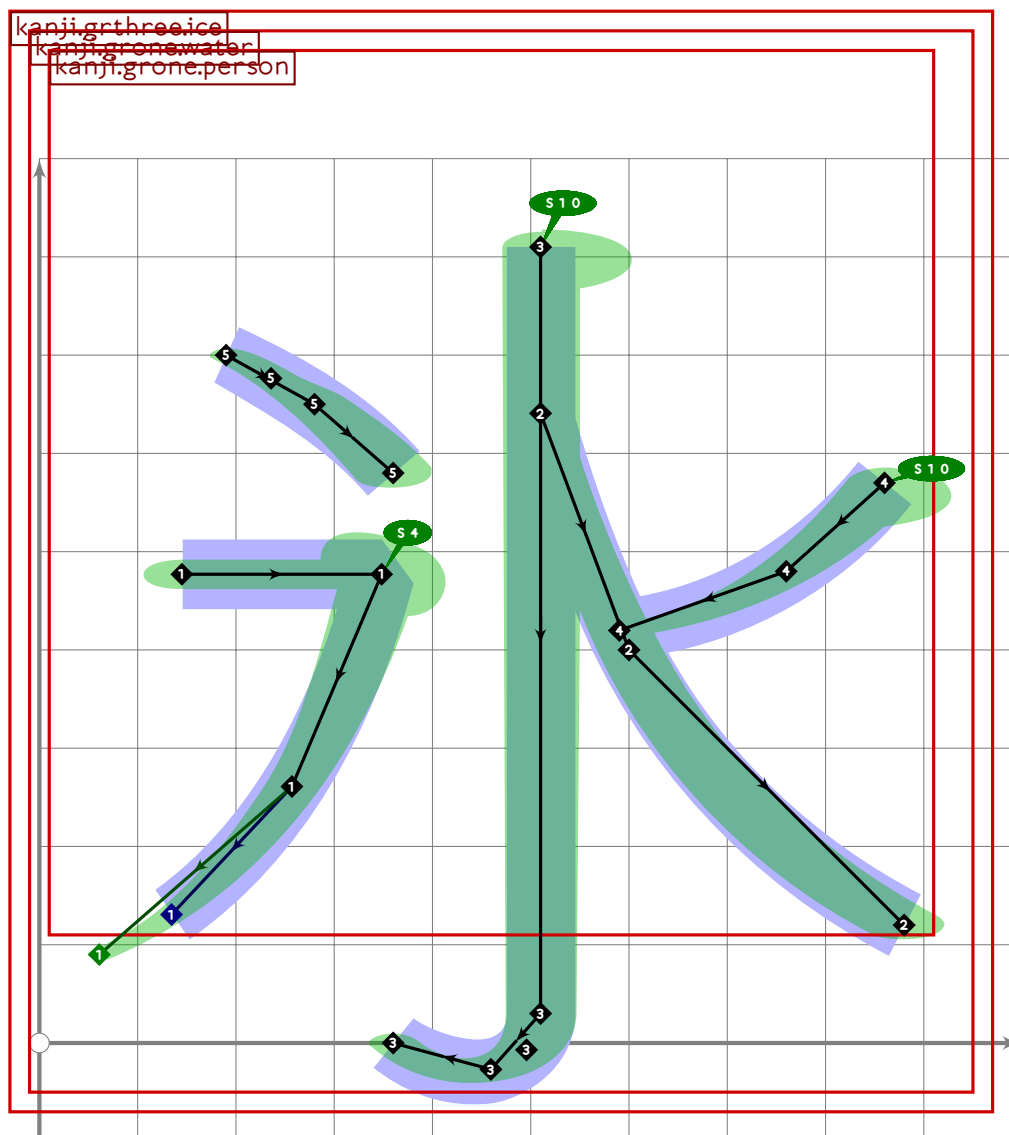
6C



```

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;

```

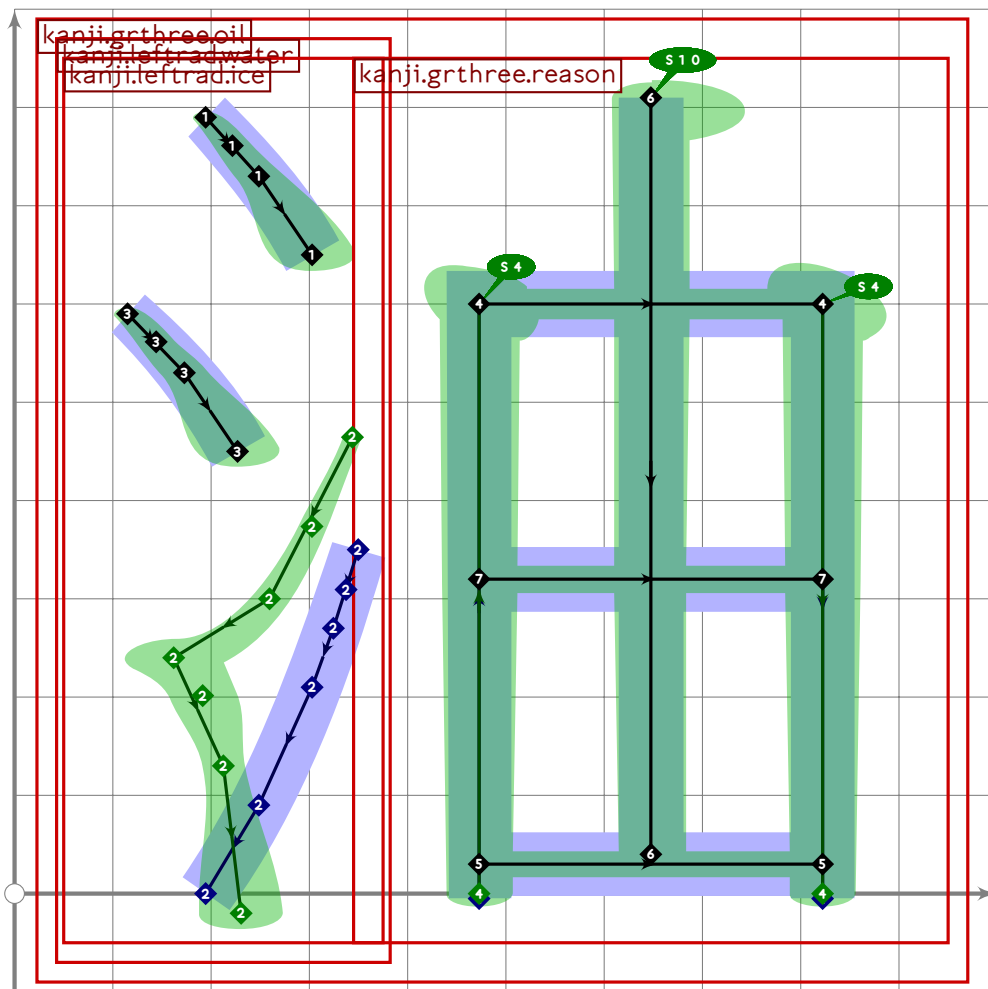


6C

```

90
91 vardef kanji.grthree.ice =
92   push_pbox_toexpand("kanji.grthree.ice");
93   kanji.gronewater;
94   replace_stroke(-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;

```

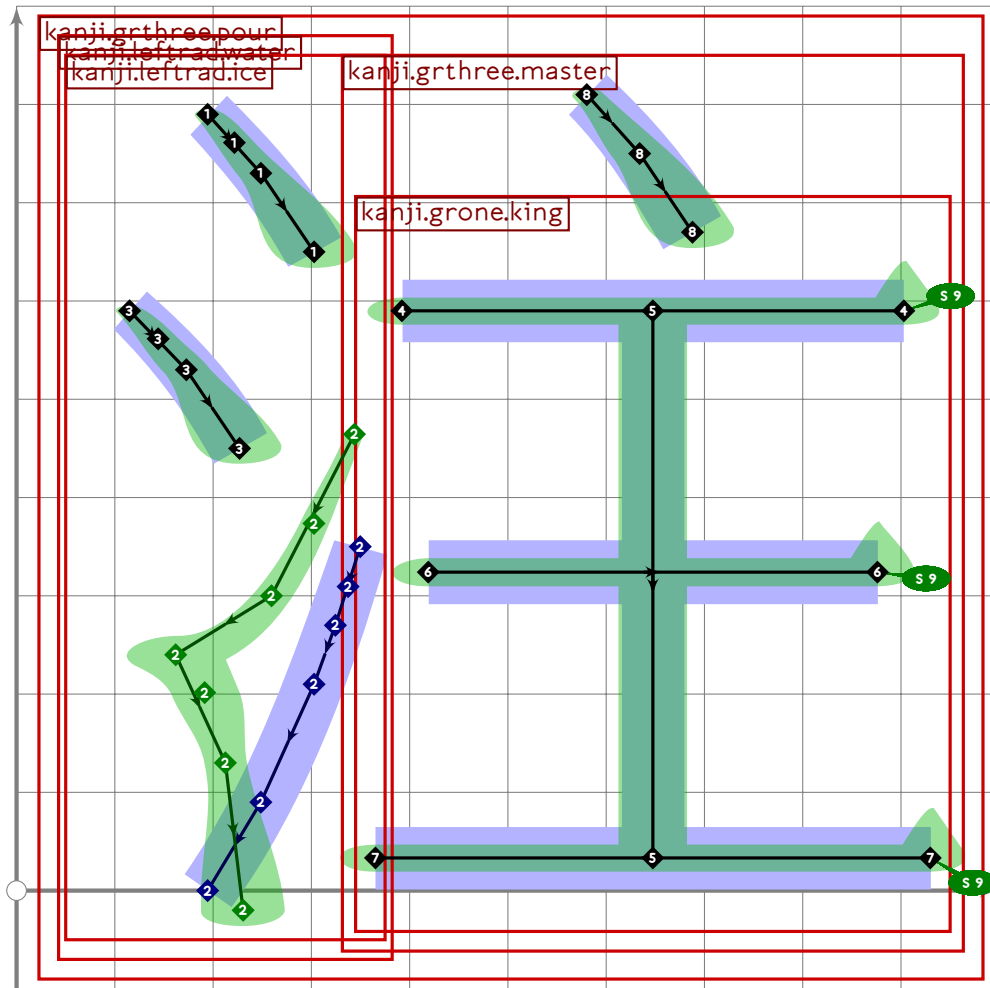


```

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;

```





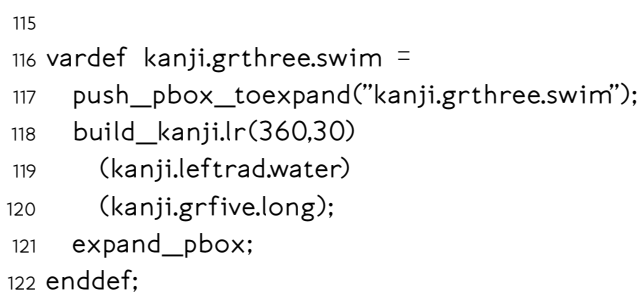
6C

```

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;

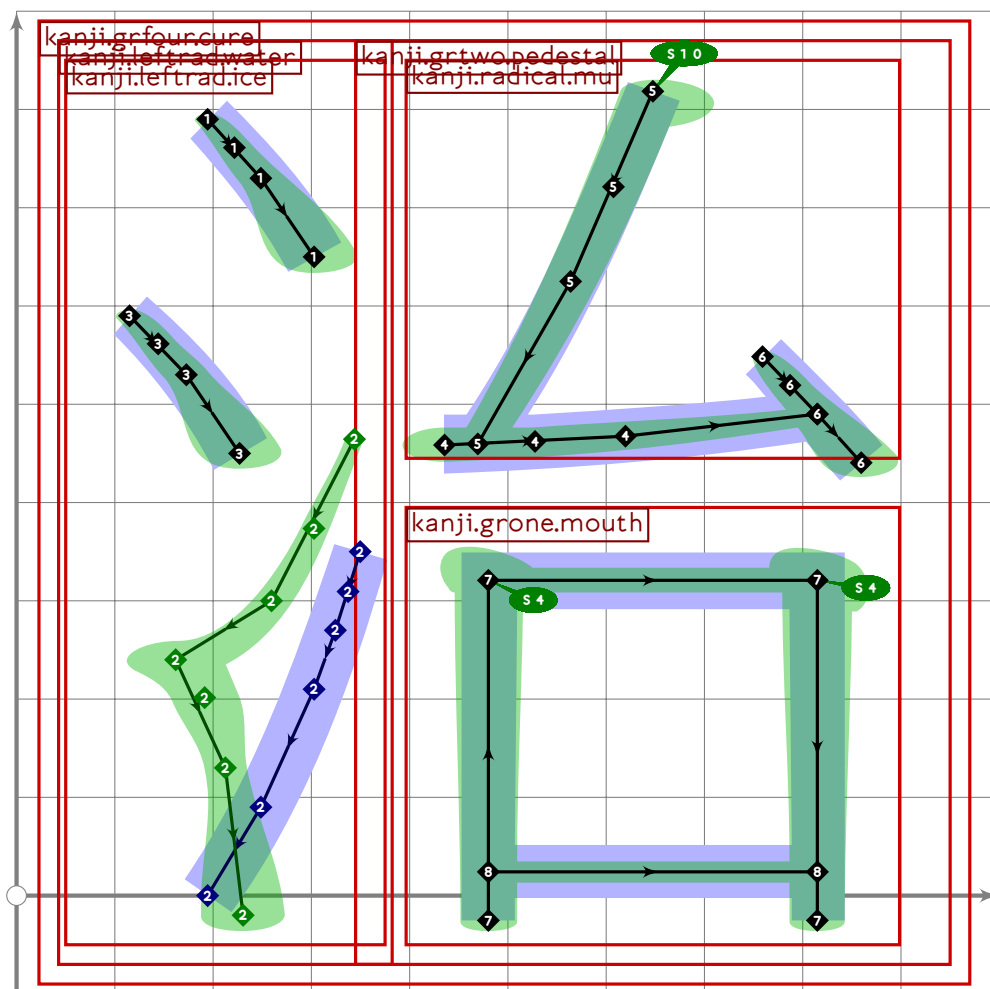
```

6C





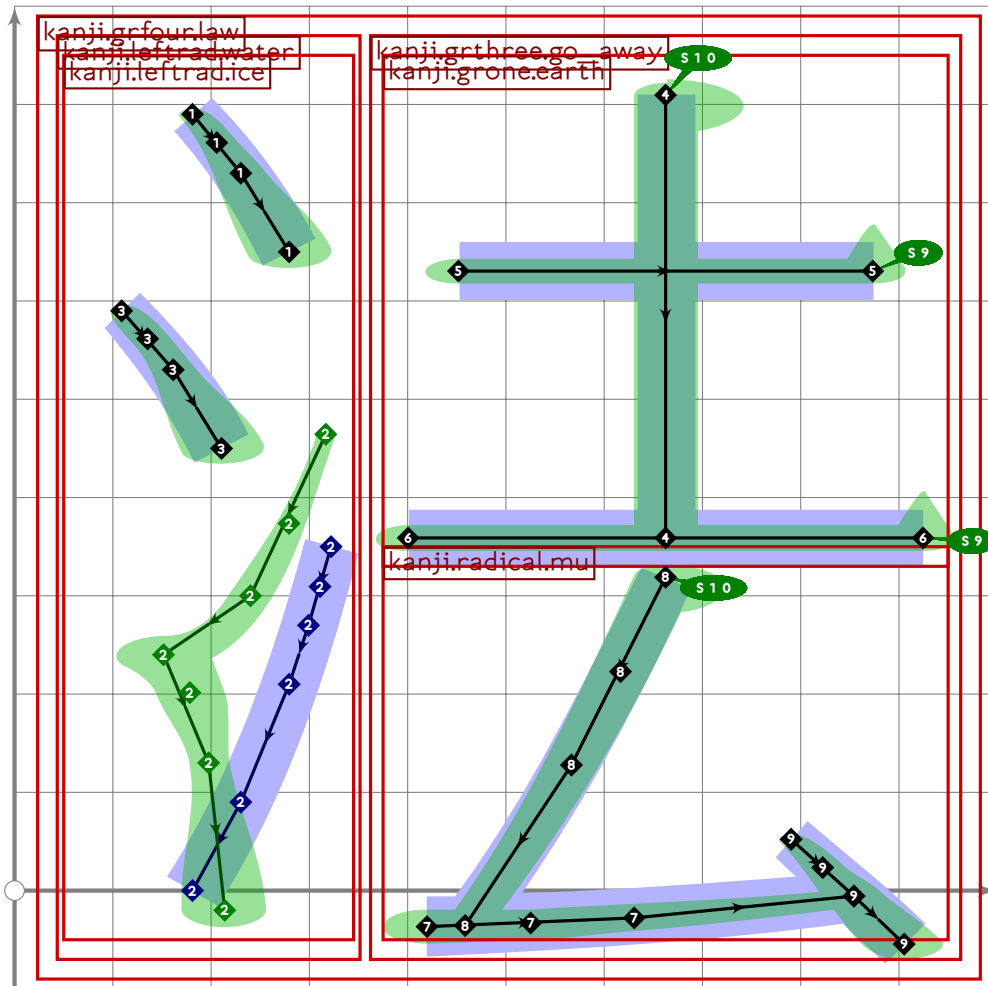
6C



```

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;

```



6C

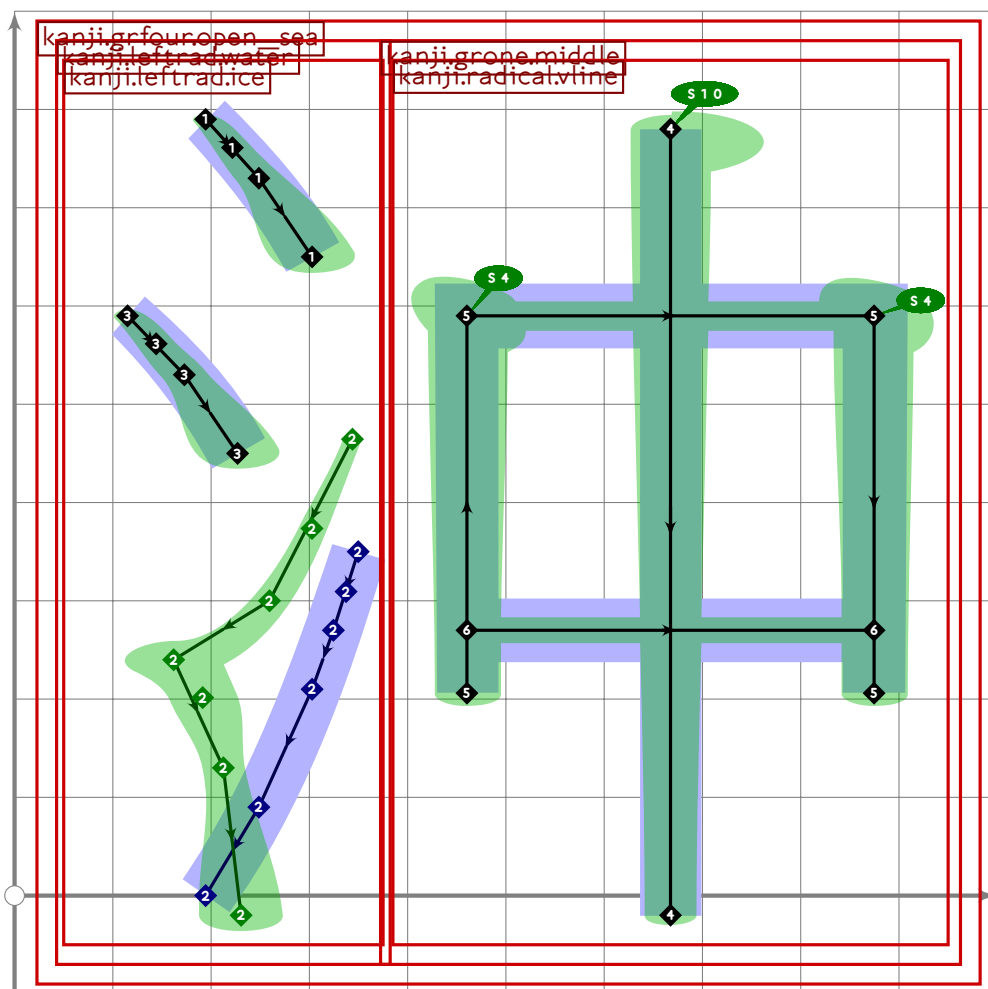
```

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

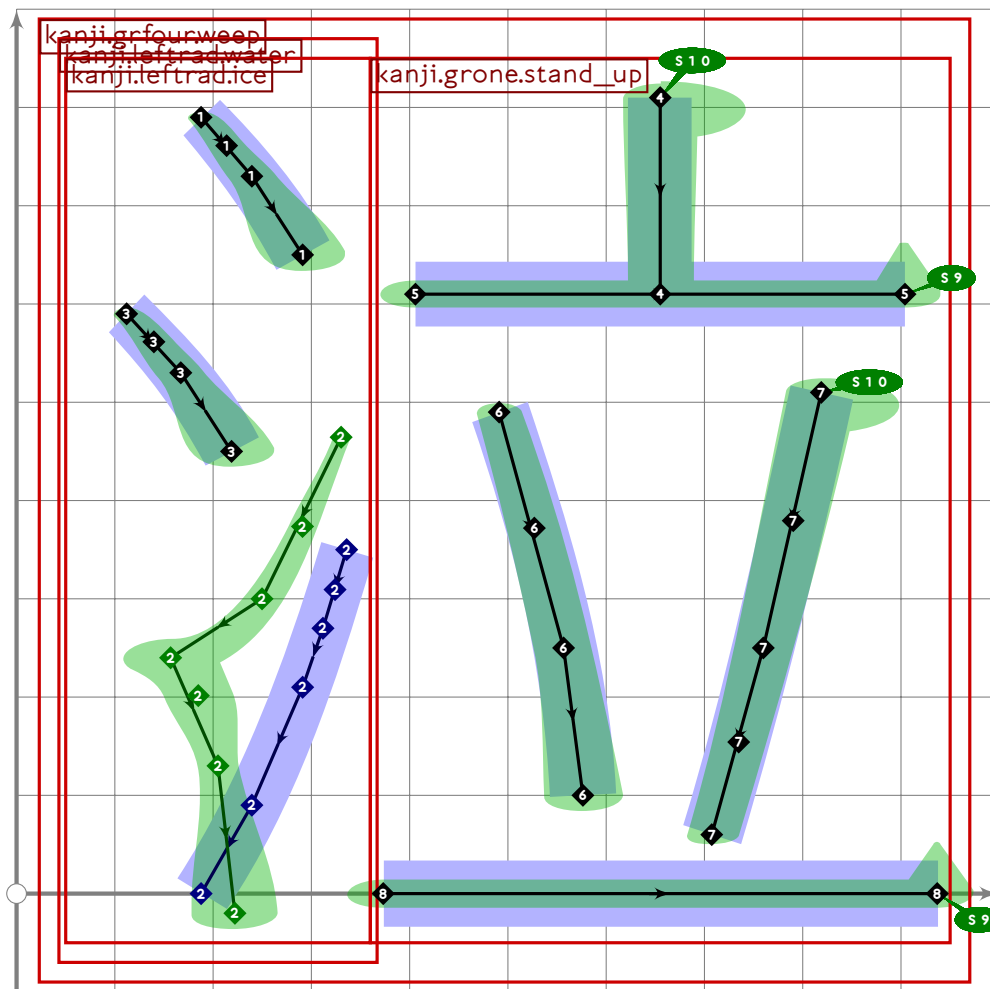
6C



```

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;

```

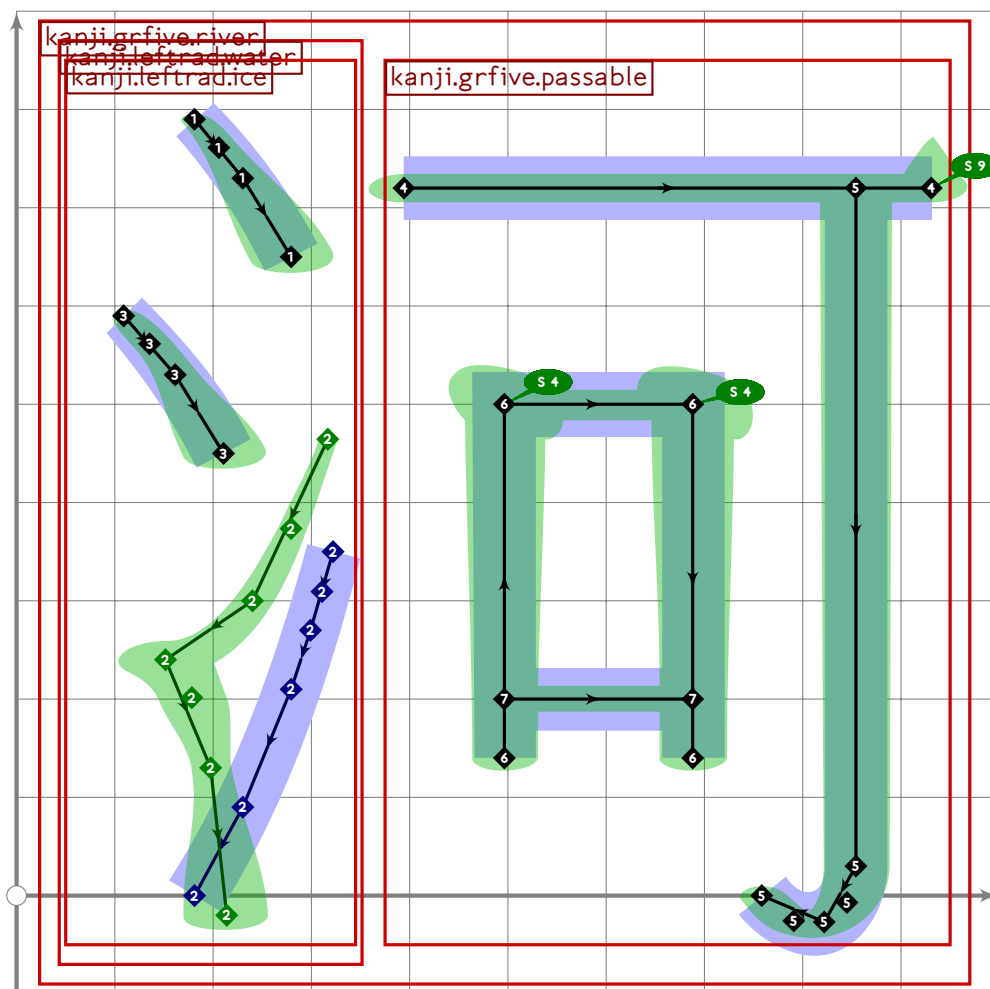


6C

```

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

```

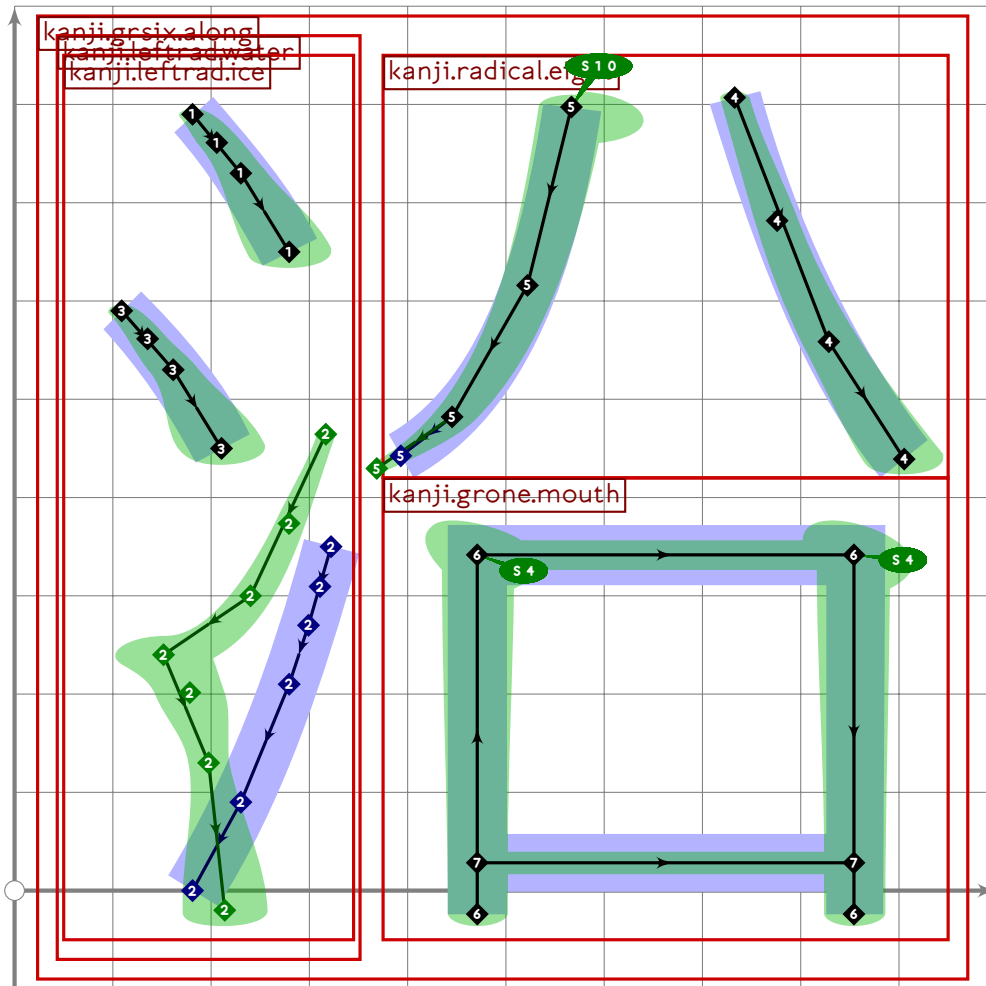


```

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

```

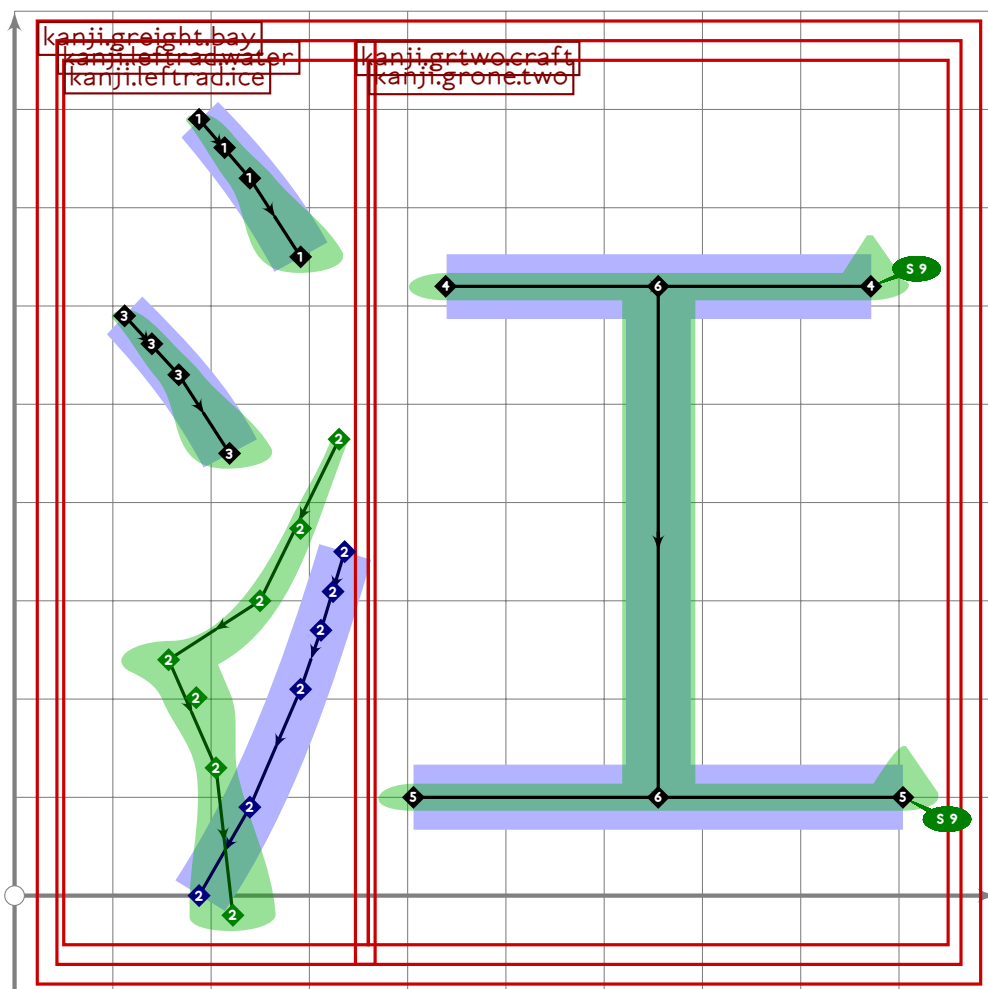




```

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

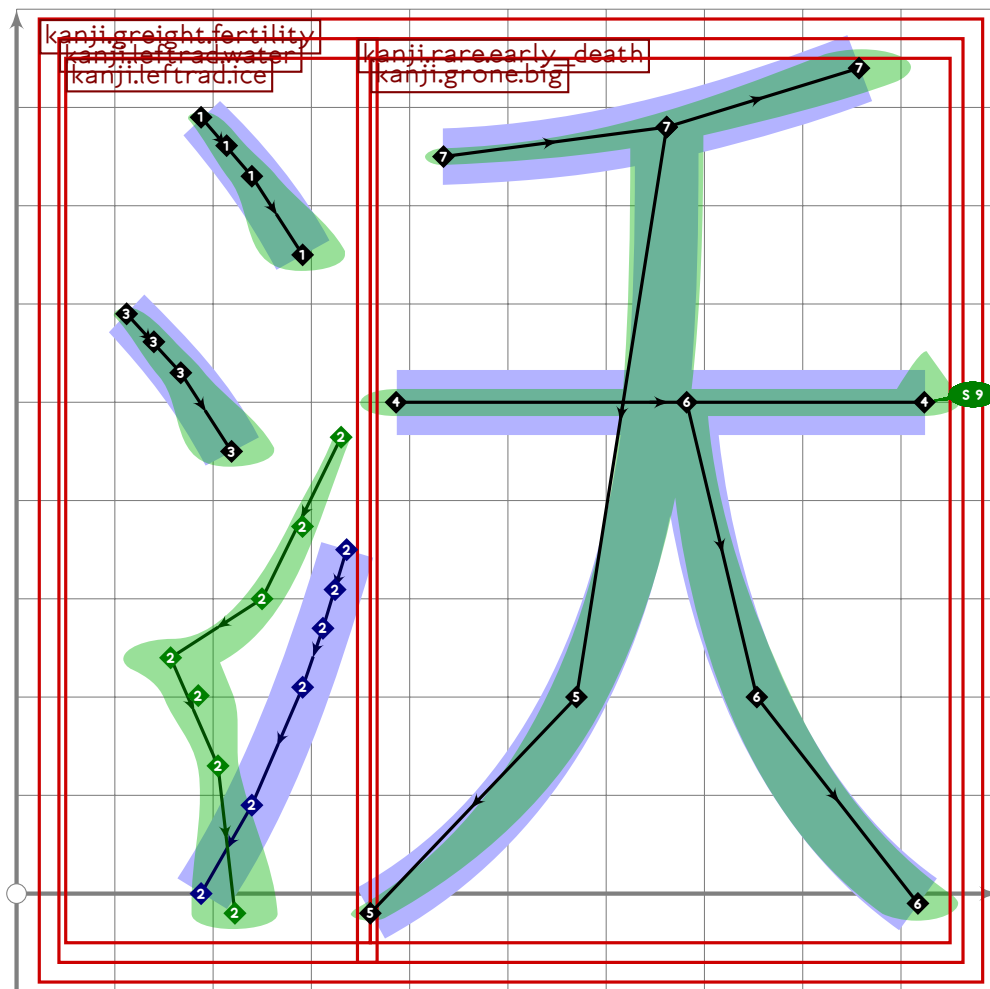
```



```

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;

```



6C

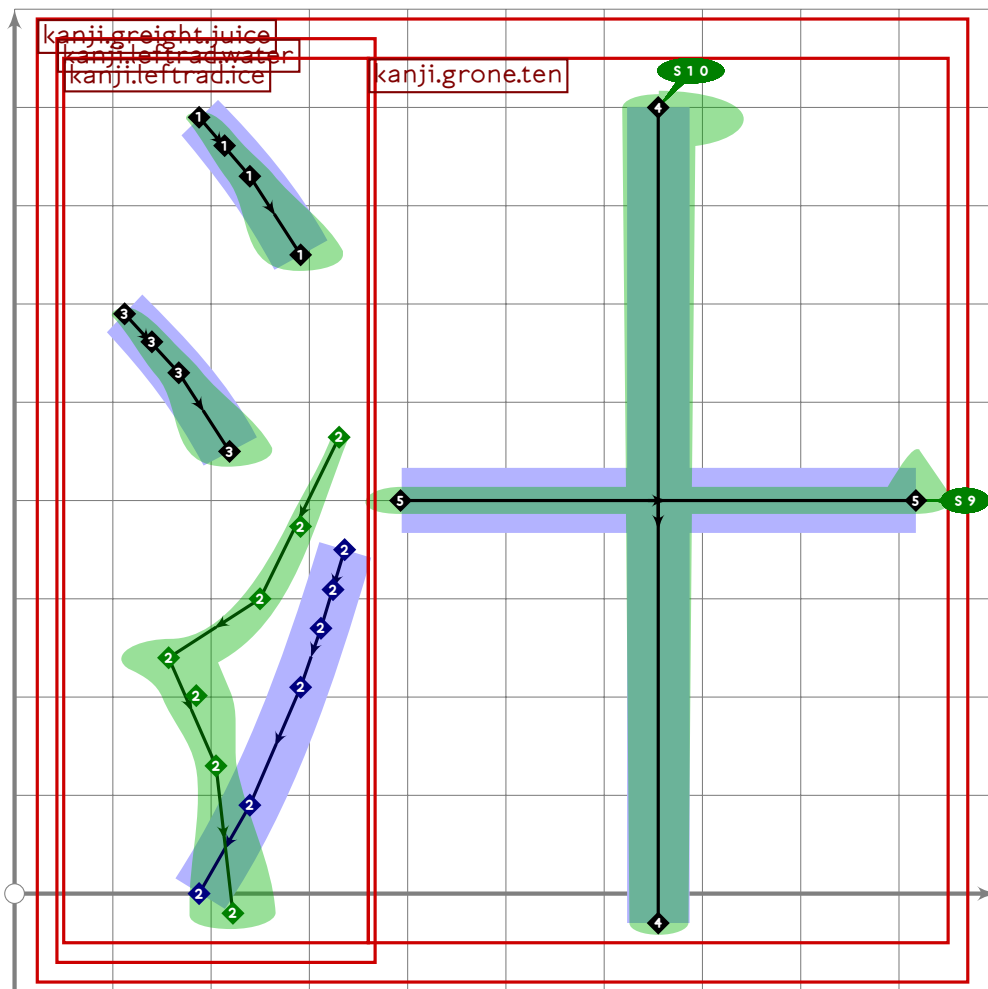
```

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;

```

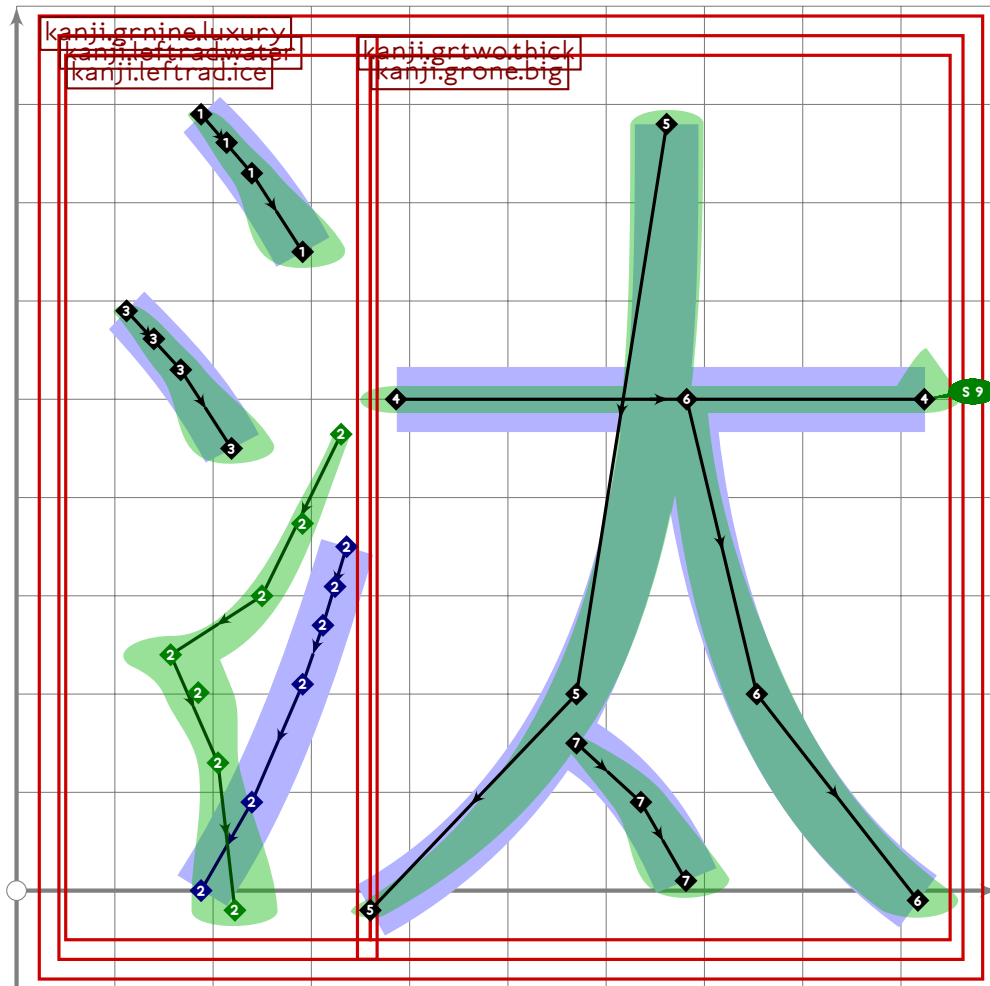
U+6C41  
tsuku.uni6C41

6C



```

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
```



6C

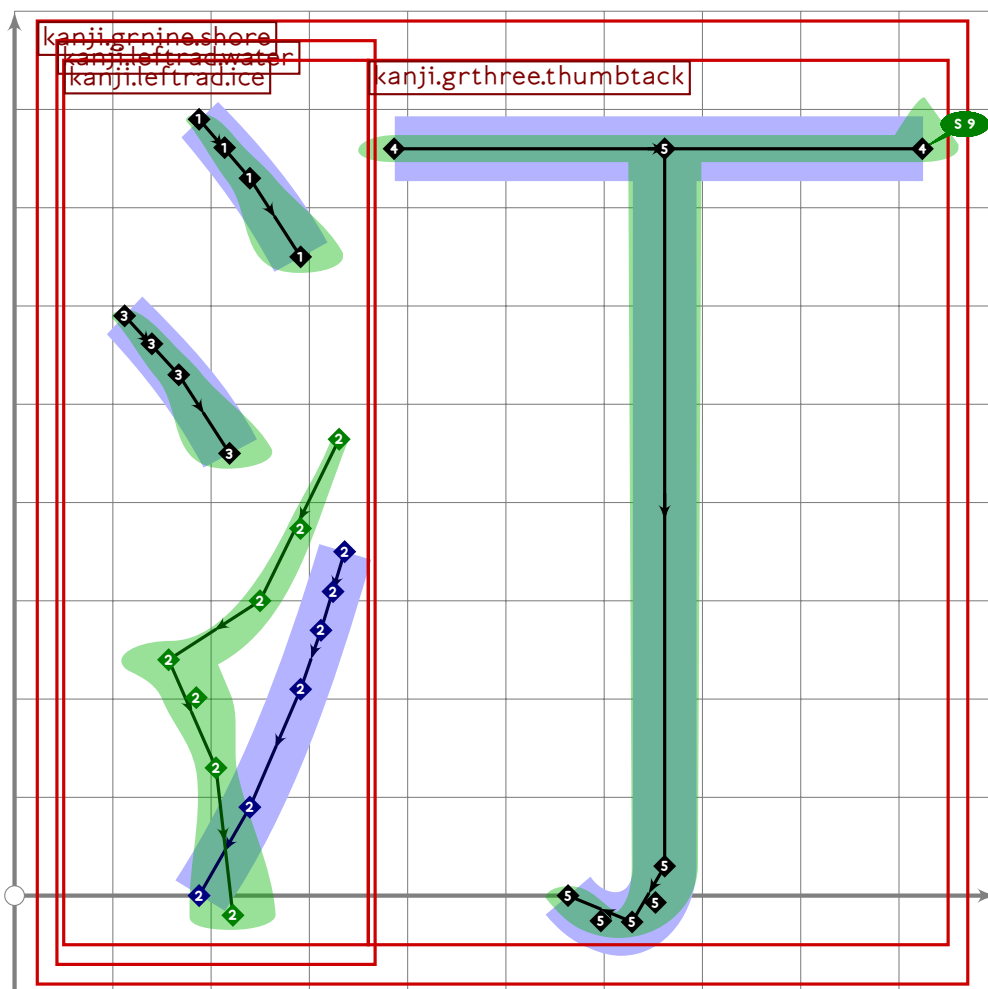
```

215
216 vardef kanji.grnine.luxury =
217   push_pbox_toexpand("kanji.grnine.luxury");
218   build_kanji.lr(360,0)
219     (kanji.leftrad.water)
220     (kanji.grtwo.thick);
221   expand_pbox;
222 enddef;

```

U+6C40  
tsuku.uni6C40

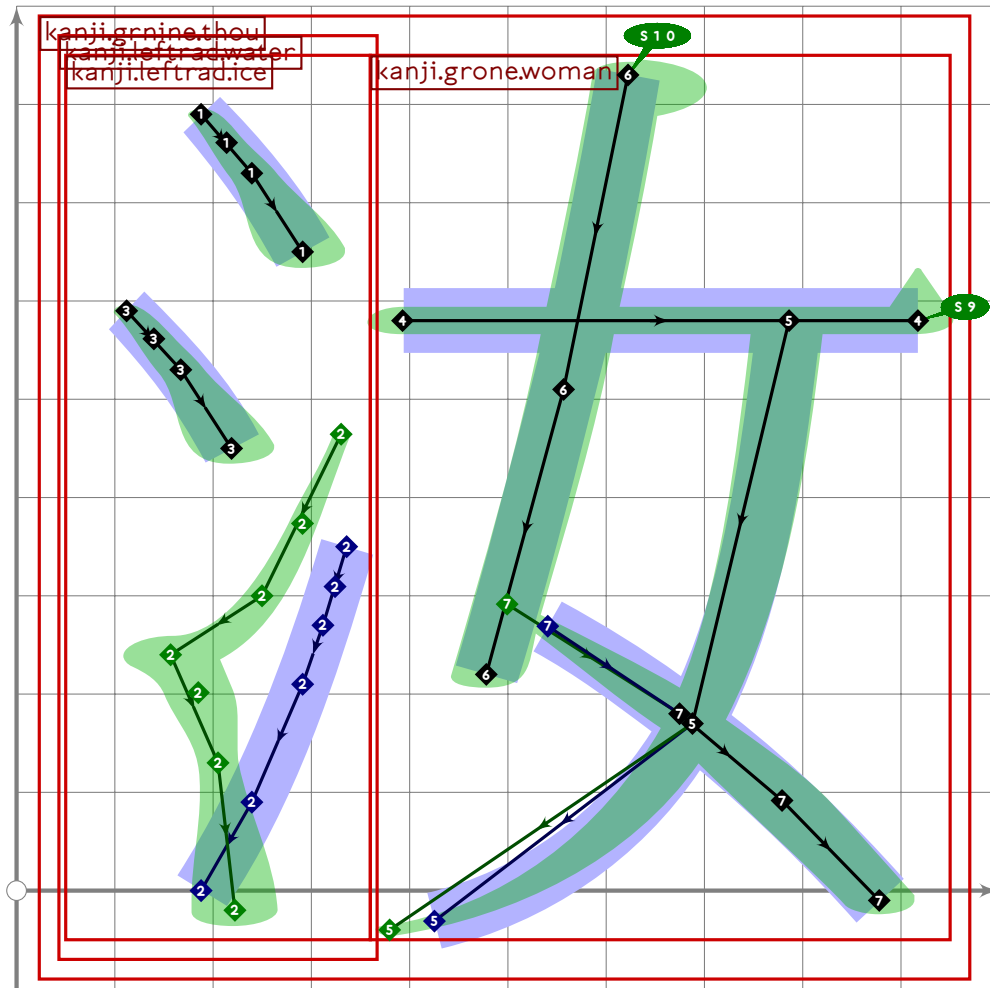
6C



```

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;

```



6C

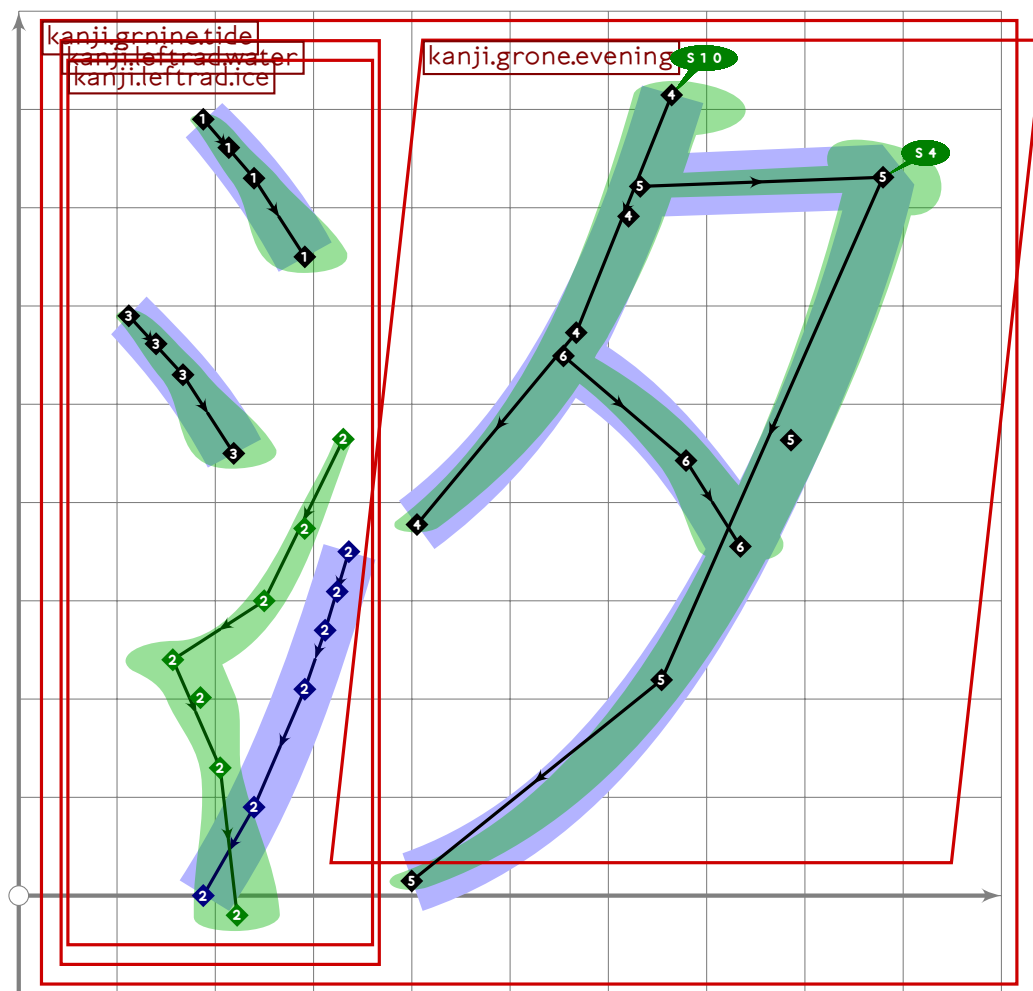
```

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.grnew.woman);
237   expand_pbox;
238 enddef;

```

U+6C50  
tsuku.uni6C50

6C



```

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);
253   kanji.grfour.clan;
254   tsu_render;
255 endtsuglyph;
256
257 % tai/fumoto "name of an ancient tribe"
258 begintsuglyph("uni6C10",16);
259   kanji.rare.cruithne;

```

[see page 695]

[see page 1049]



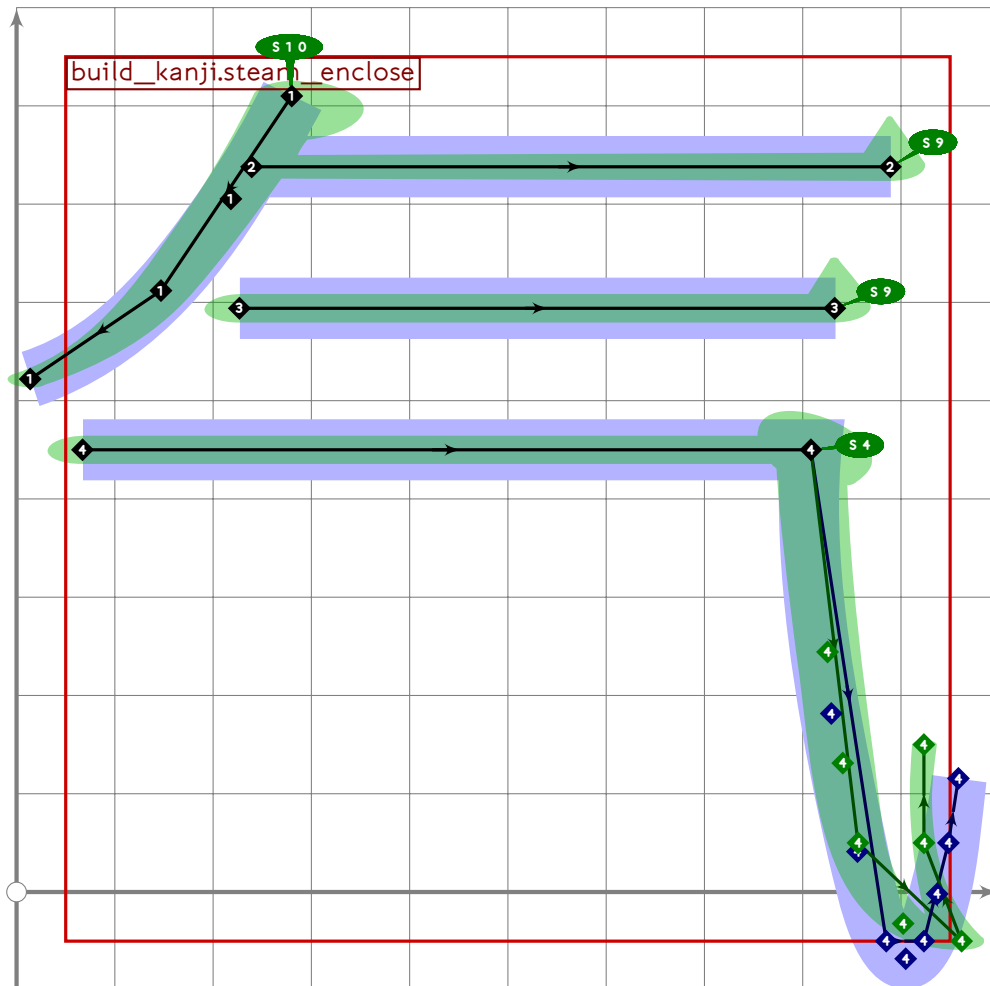
```

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



```

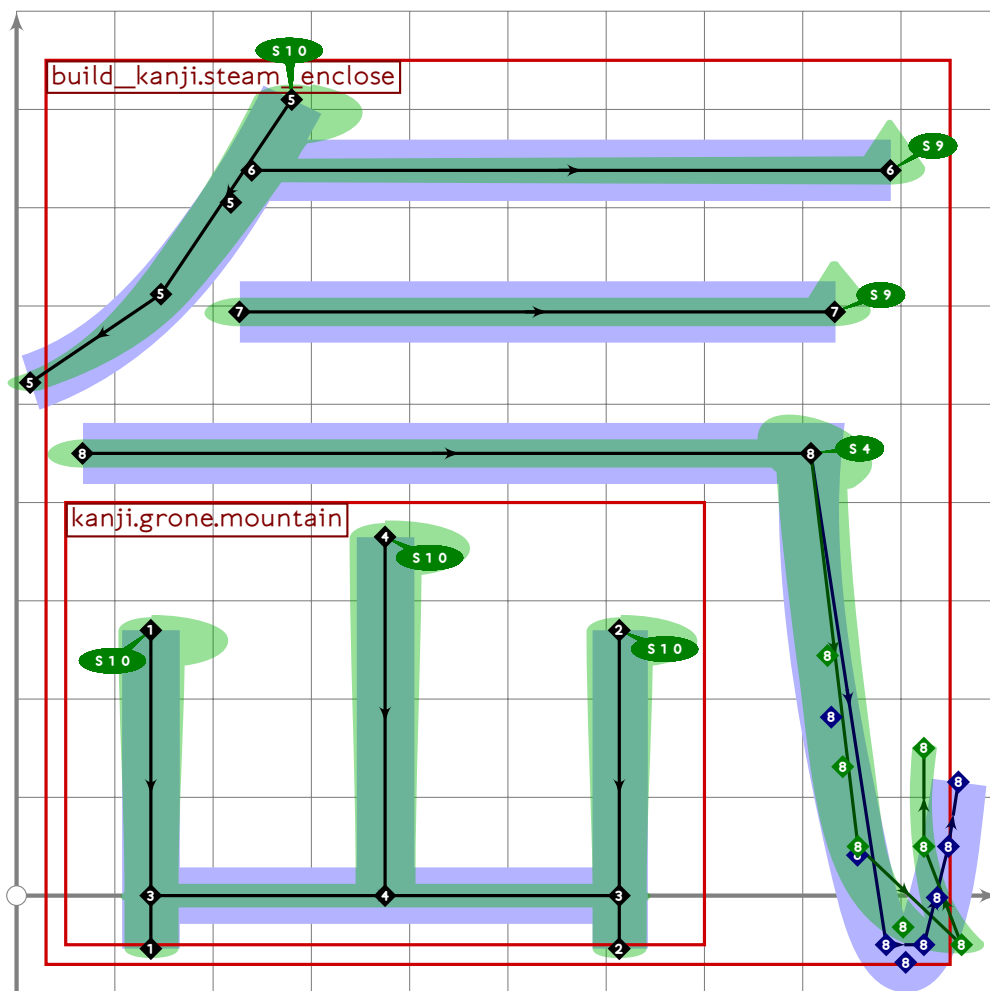
269 % sei/tada/machi "correct"
270 begintsuglyph("uni6C14";20);
271 build_kanji.steam_enclose((700,400))();
272 tsu_render;
273 endtsuglyph;
274
275 % ki/iki "spirit"
276 begintsuglyph("uni6C17";23);
277 kanji.grone.spirit;
278 tsu_render;
279 endtsuglyph;
280

```

[see page 3395]

U+6C19  
tsuku.uni6C19

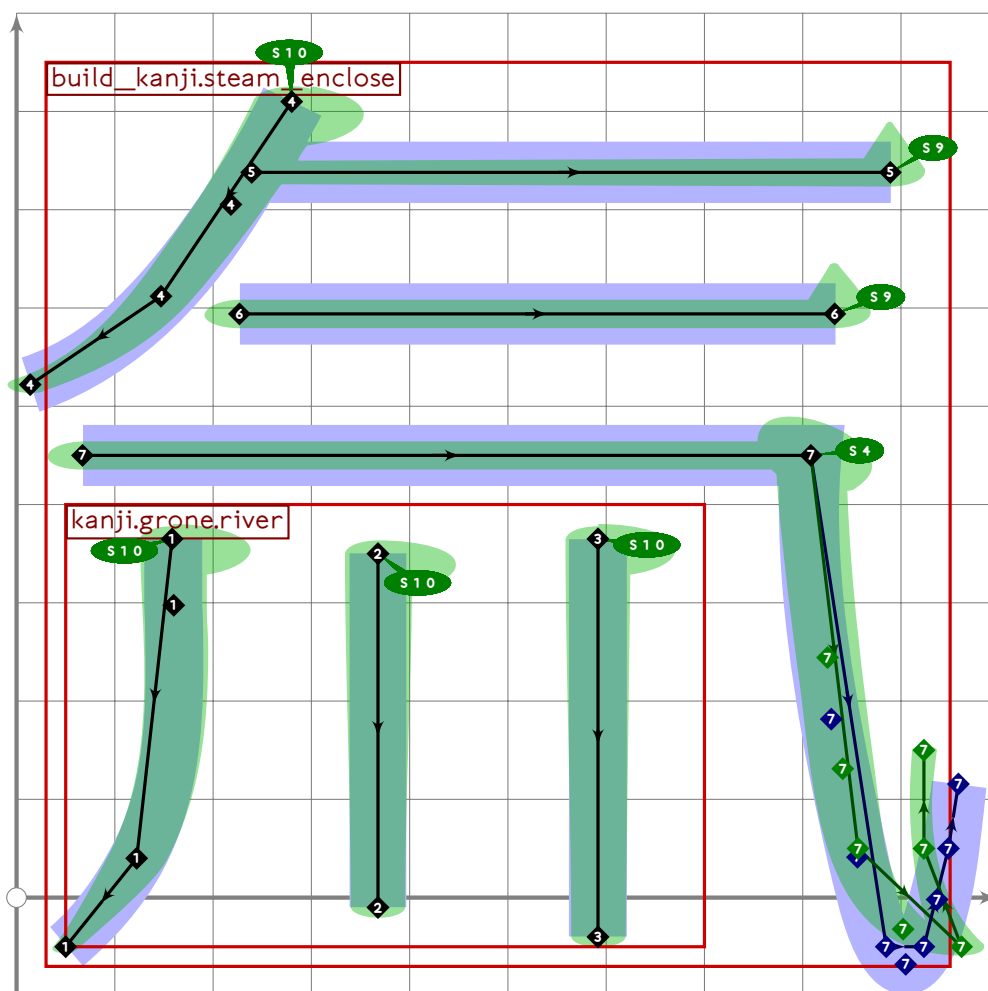
6C



```

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

```



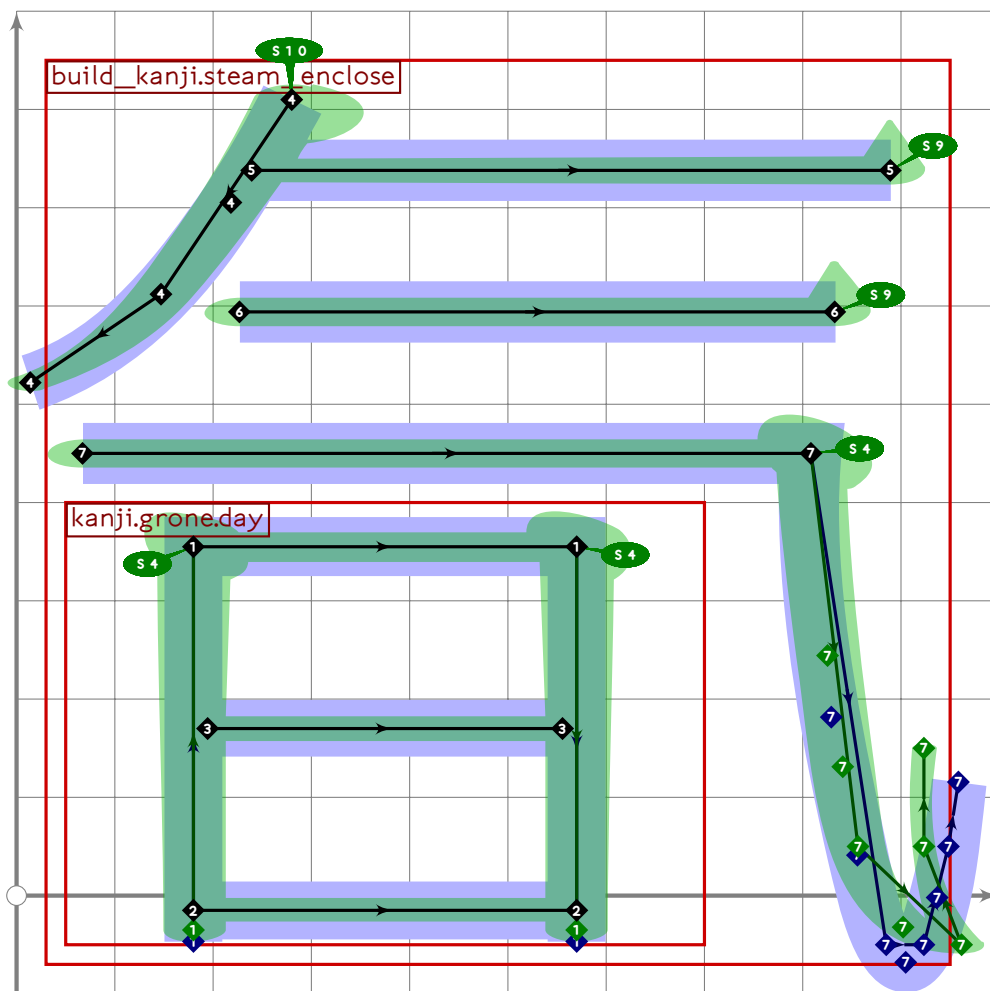
```

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

```

U+6C1C  
tsuku.uni6C1C

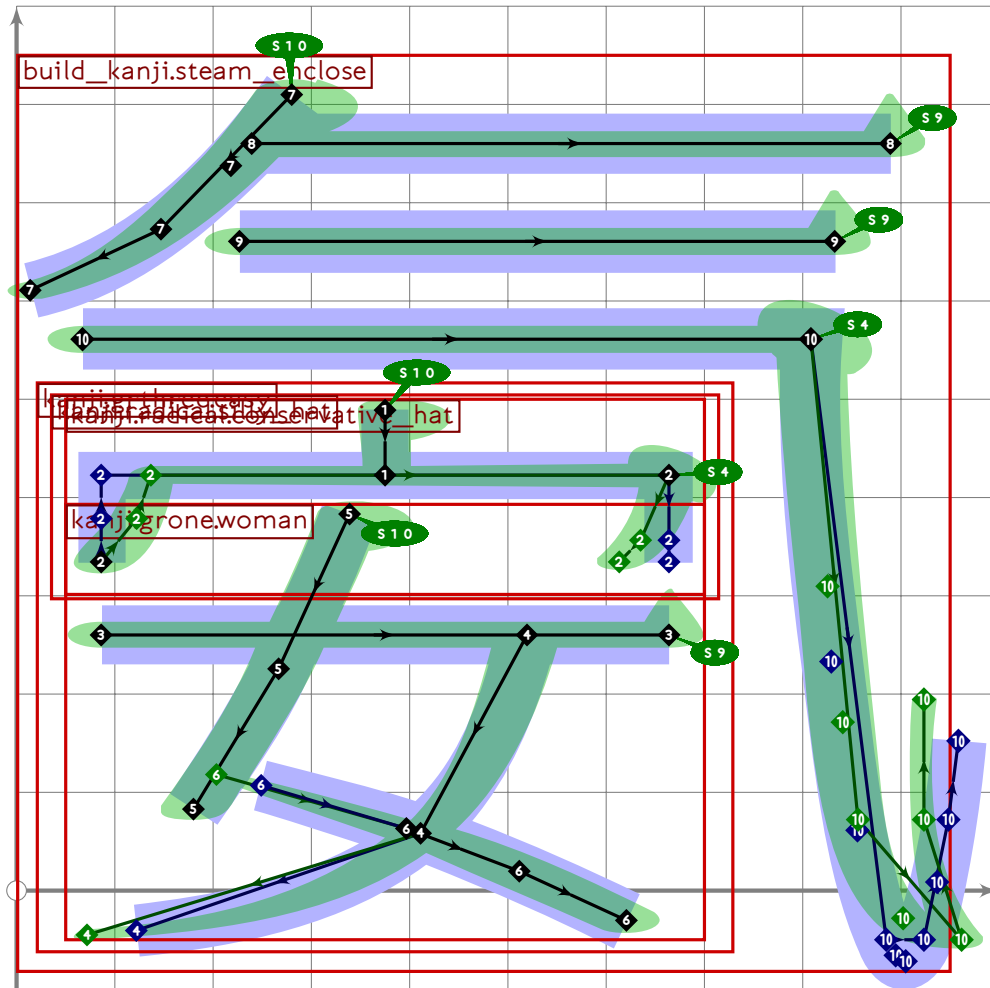
6C



```

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

```

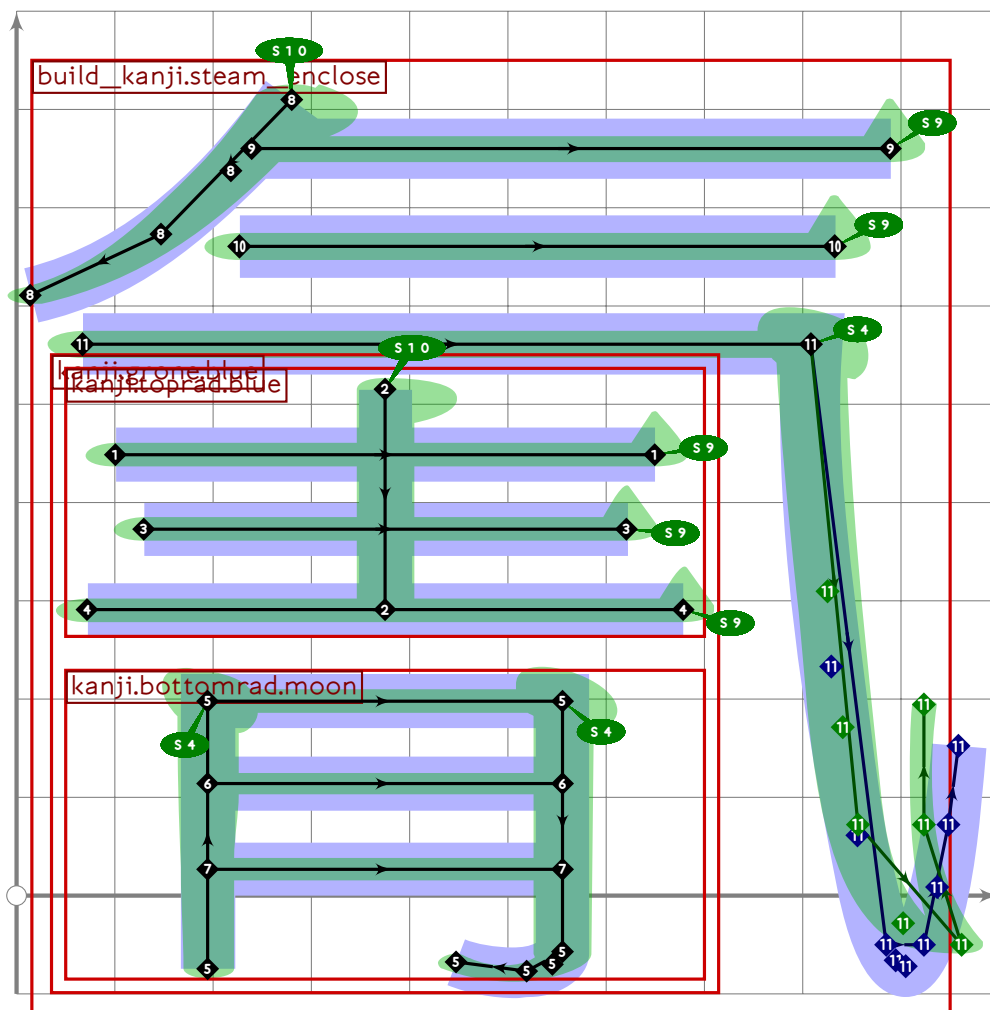


6C

```

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

```

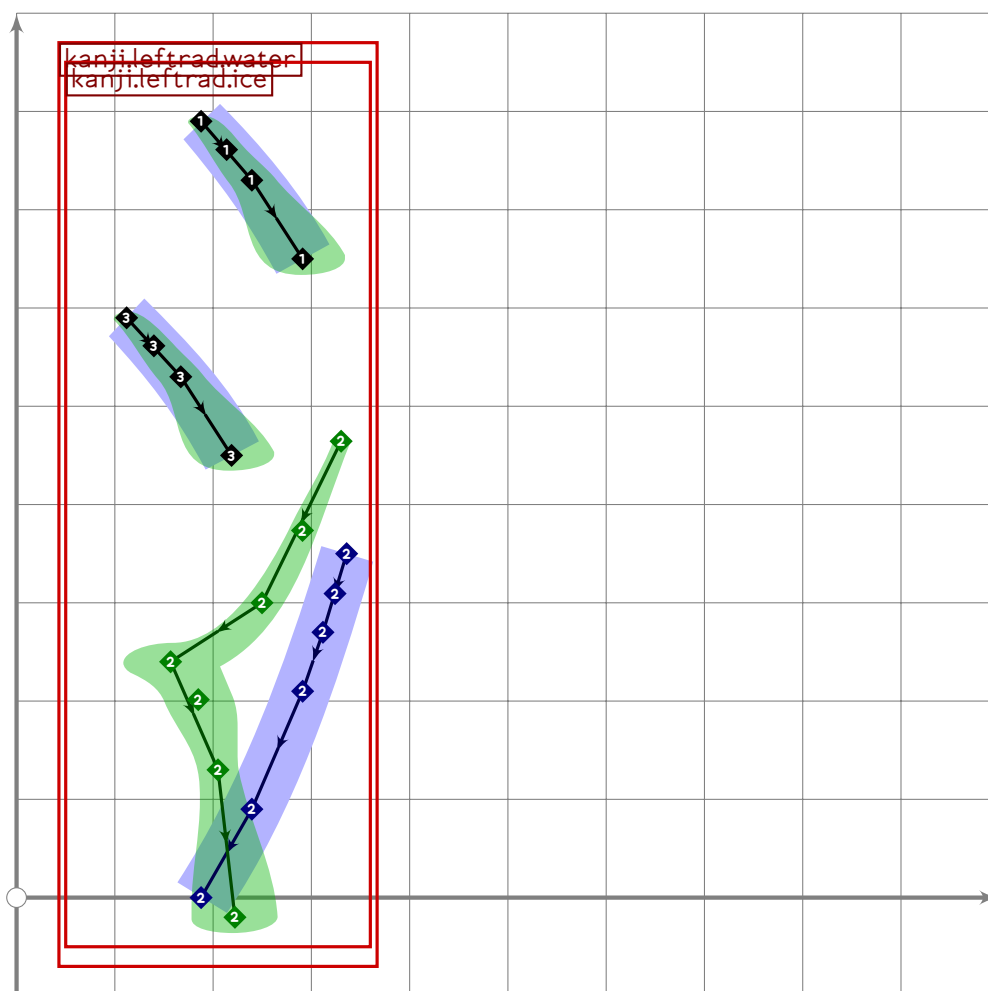


```

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 endtsuglyph;
311
312 % sui/mizu "water"
313 begintsuglyph("uni6C34";52);
314   kanji.gronewater;
315   tsu_render;
316 endtsuglyph;
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]

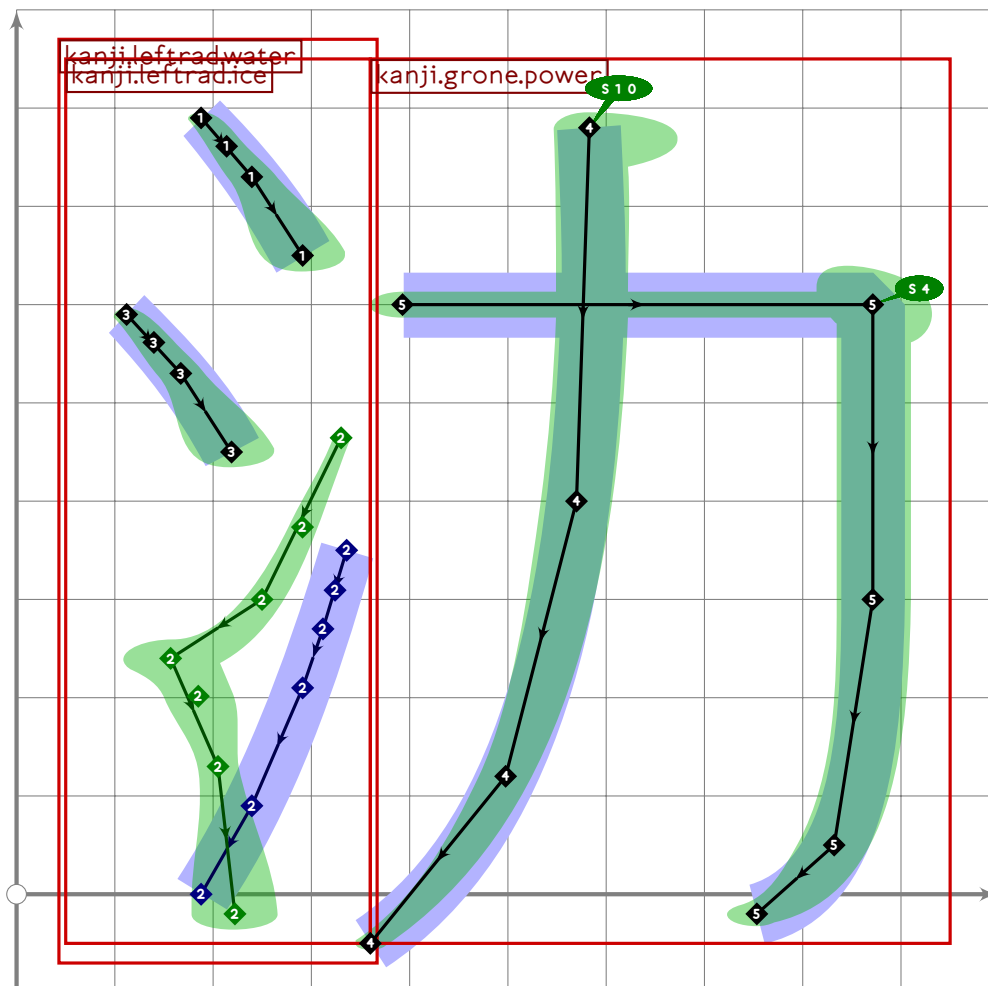
[see page 787]

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

[see page 1085]

[see page 3414]



```

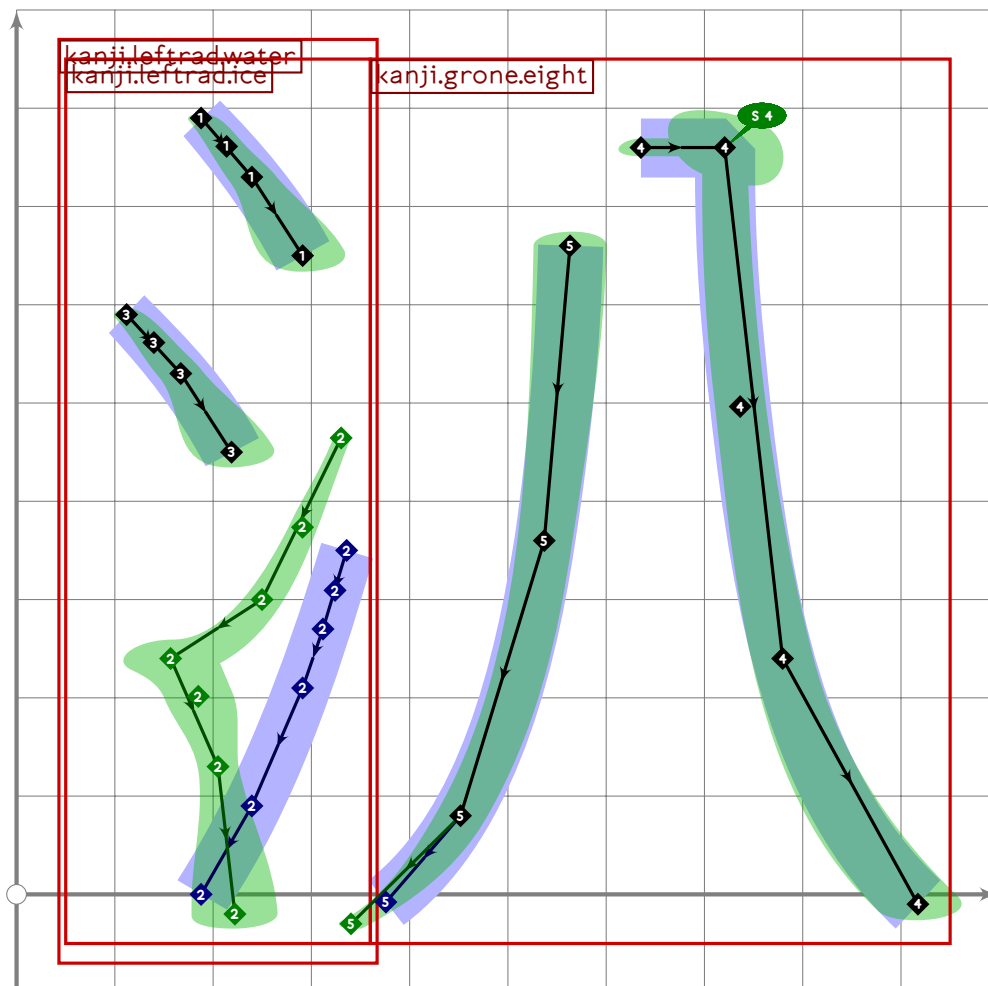
360 kanji.grnine.shore;
361 tsu_render;
362 endtsuglyph;
363
364 % juu/shiru "juice" or "soup"
365 begintsuglyph("uni6C41",65);
366 kanji.greight.juice;
367 tsu_render;
368 endtsuglyph;
369
370 % gyuu/moto "request"
371 begintsuglyph("uni6C42",66);
372 kanji.grfour.request;
373 tsu_render;
374 endtsuglyph;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

```

[see page 3412]

[see page 745]

6C



```

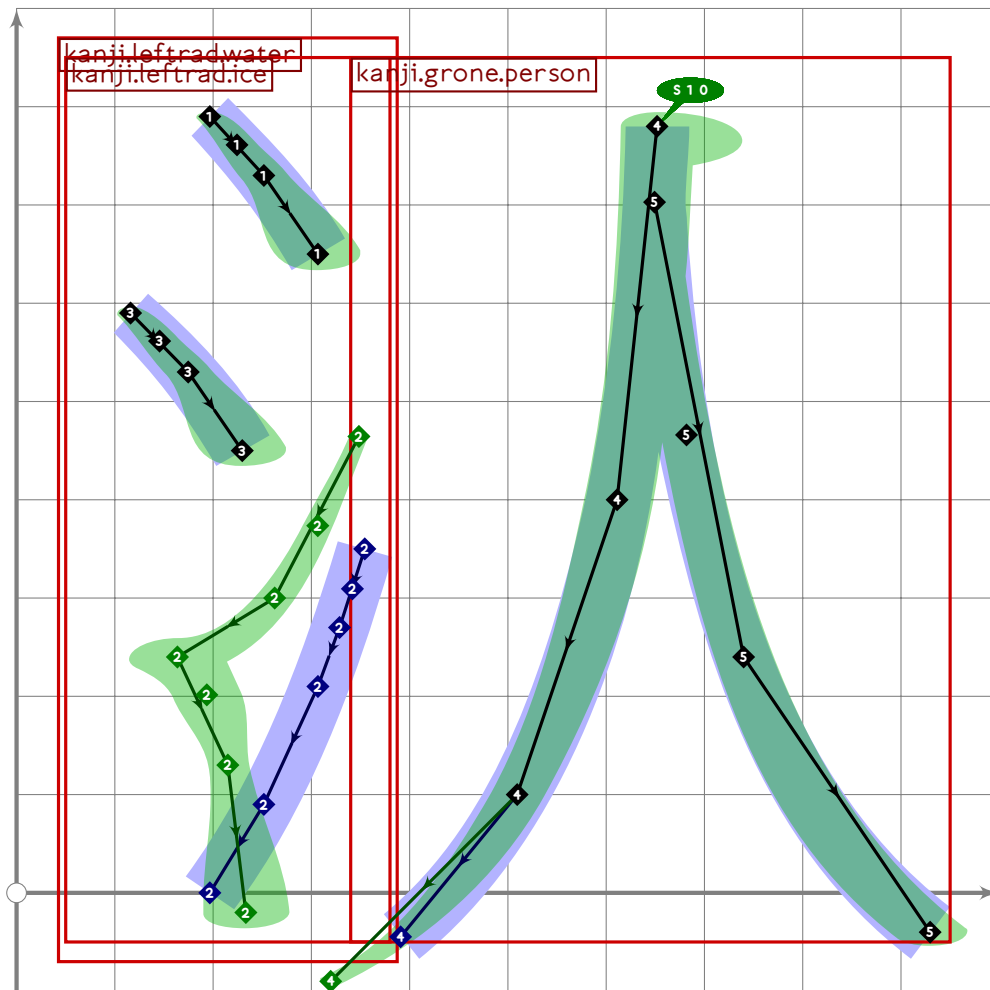
376 % extra
377 begintsuglyph("uni6C43",67);
378 build_kanji.lr(360,0)
379 (kanji.leftrad.water)
380 (kanji.grone.eight);

```

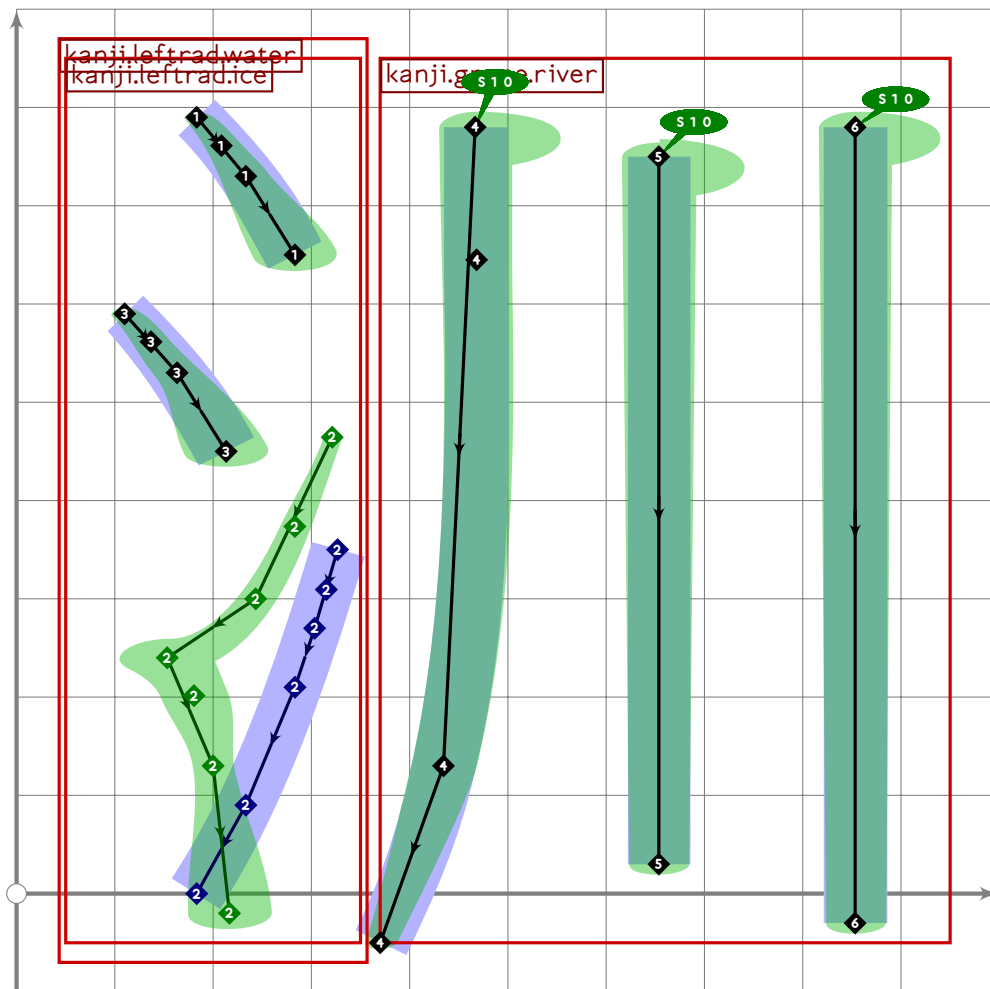
U+6C44  
tsuku.uni6C44

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

6C



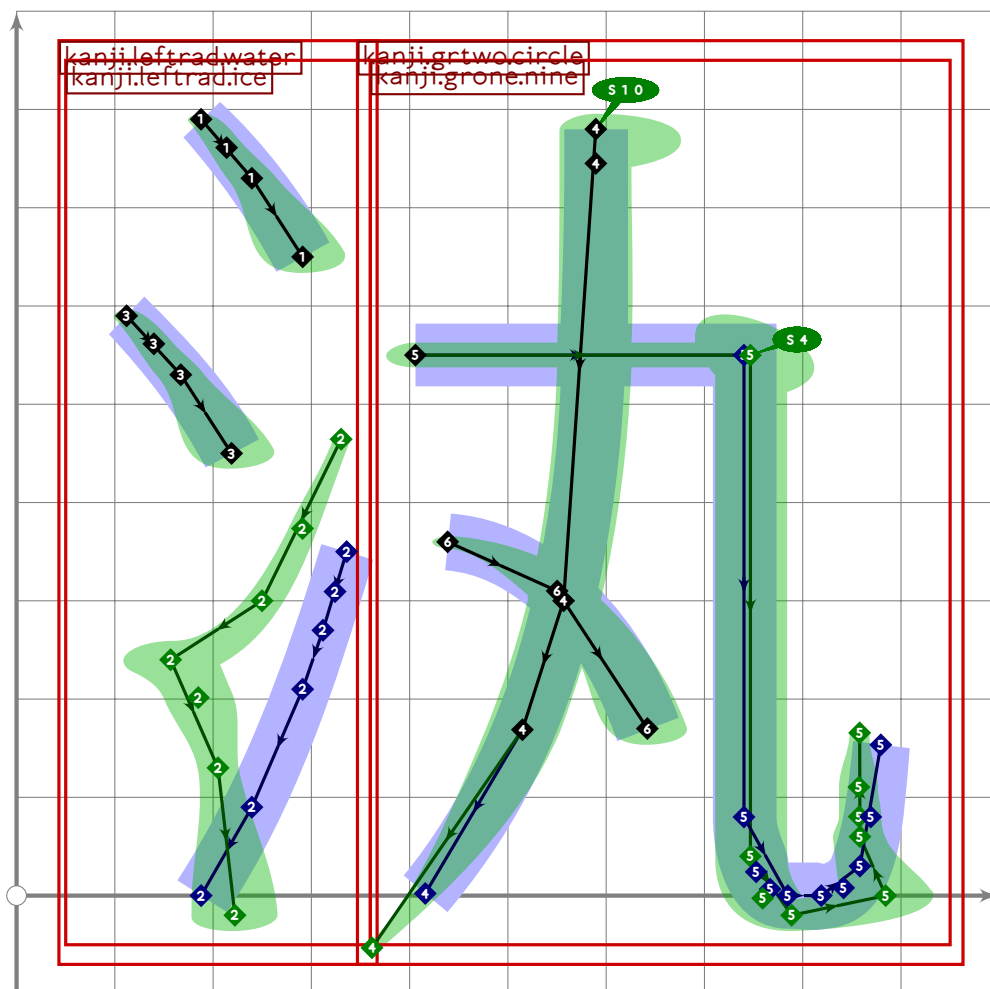
```
384 % extra  
385 begintsuglyph("uni6C44",68);  
386 build_kanji.lr(360,40)  
387 (kanji.leftrad.water)  
388 (kanji.grone.person);  
389 tsu_render;  
390 endtsuglyph;  
391
```



3427

U+6C4D  
tsuku.uni6C4D

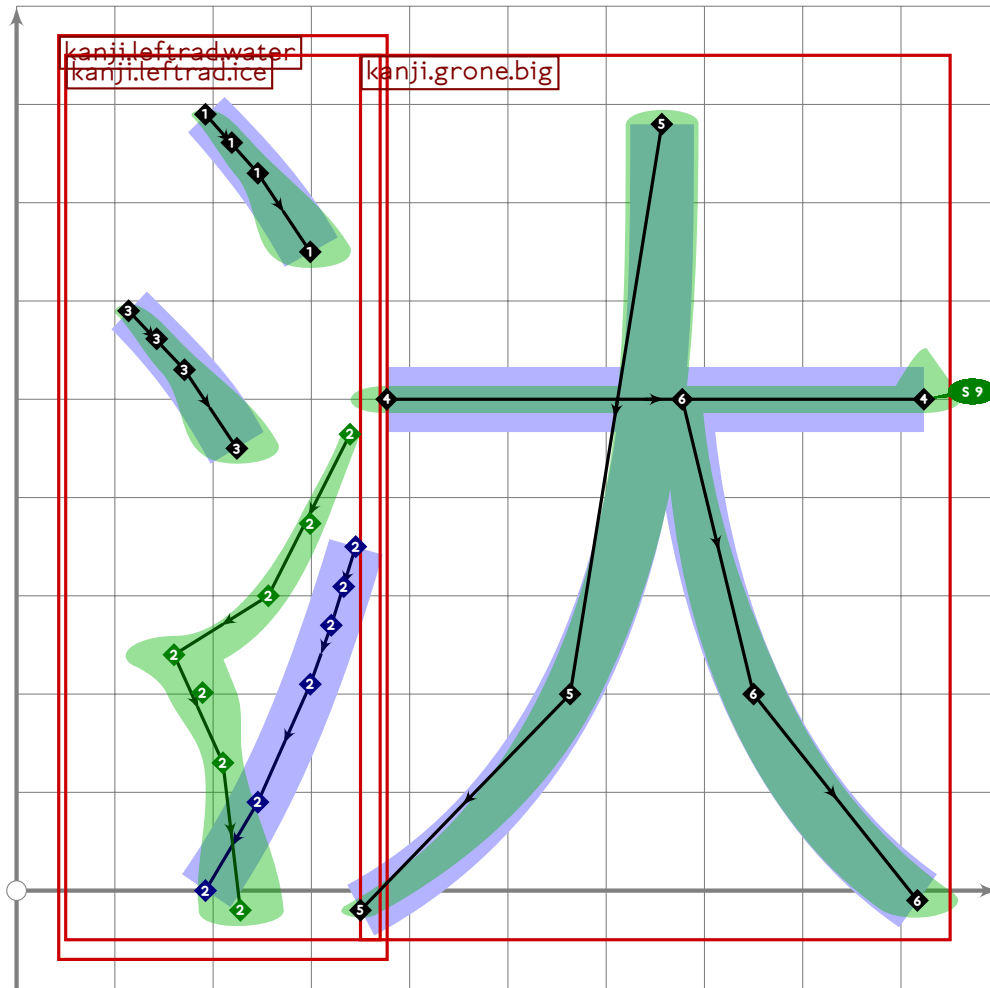
6C



```

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

```



```

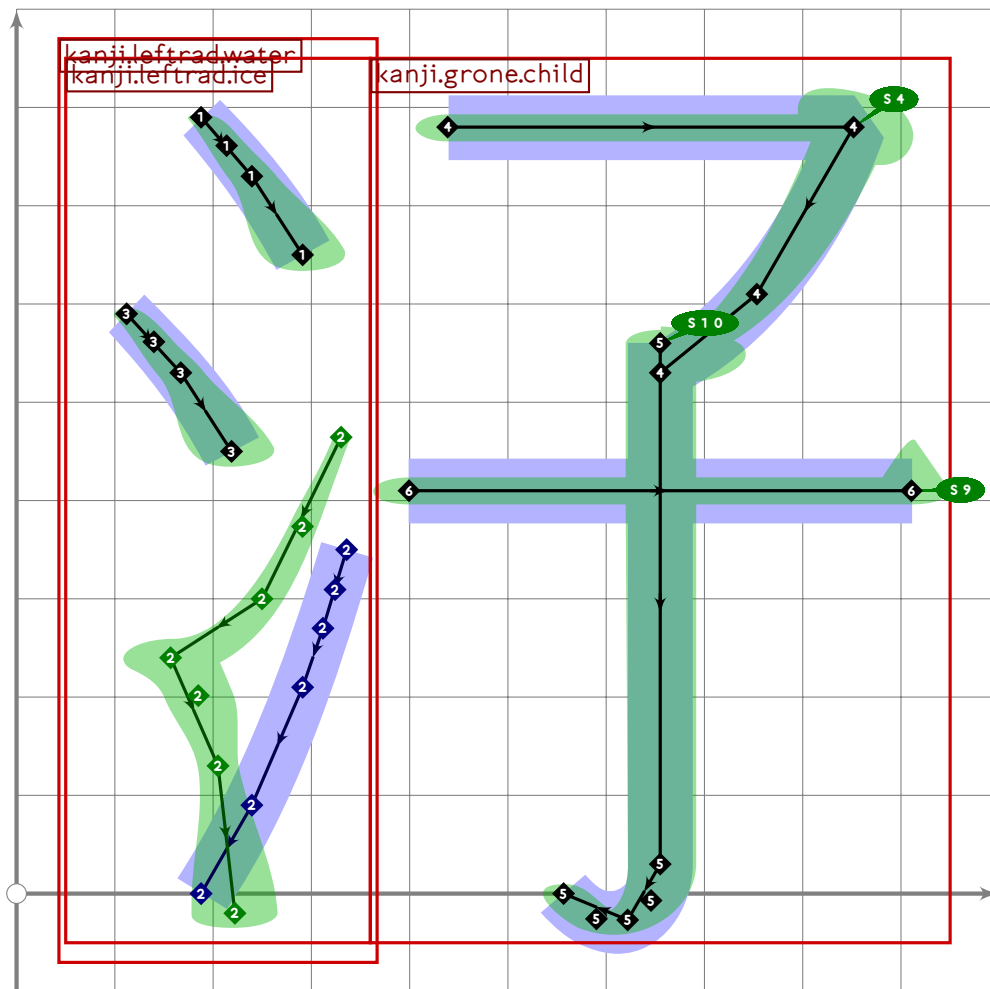
408 % extra
409 begintsuglyph("uni6C4F";79);
410   build_kanji.lr(360,20)
411     (kanji.leftrad.water)
412     (kanji.grone.big);
413   tsu__render;
414 endtsuglyph;
415
416 % seki/shio "tide"
417 begintsuglyph("uni6C50";80);
418   kanji.grnine.tide;
419   tsu__render;
420 endtsuglyph;
421

```

[see page 3416]

U+6C53  
tsuku.uni6C53

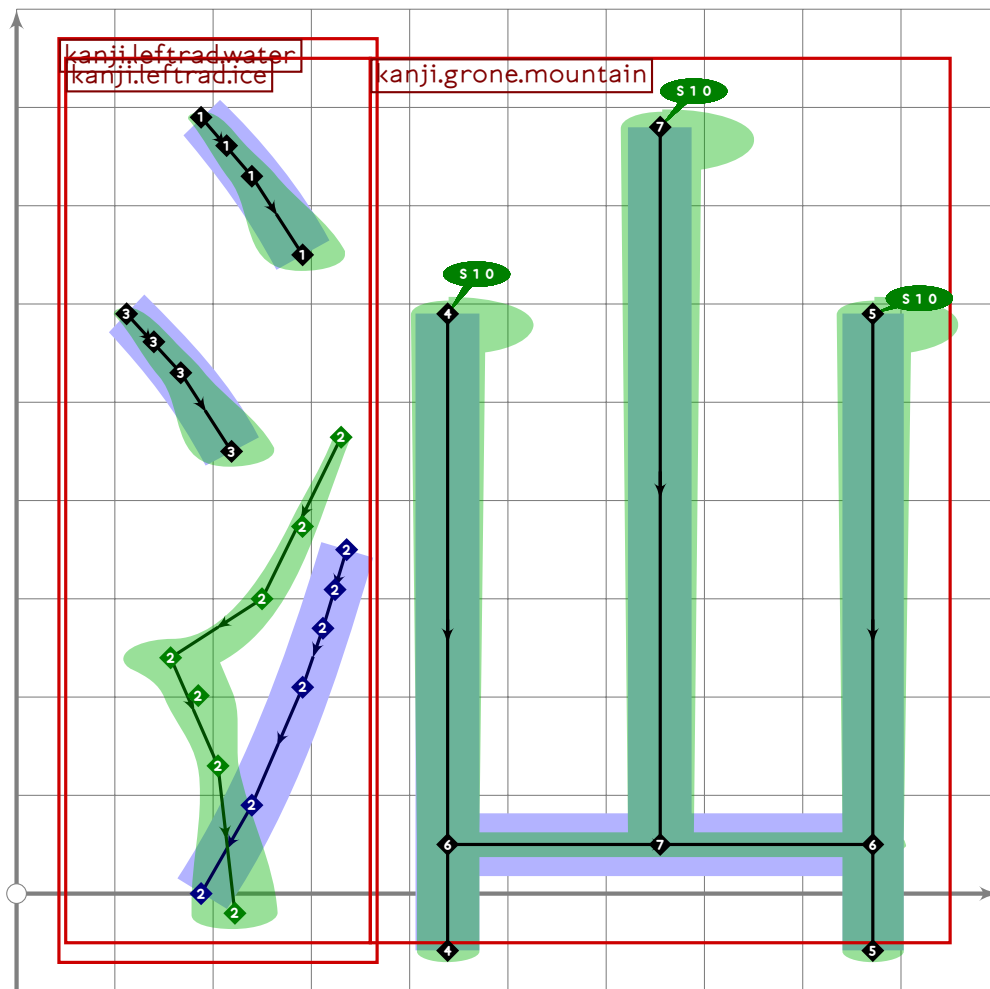
6C



```

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

```



6C

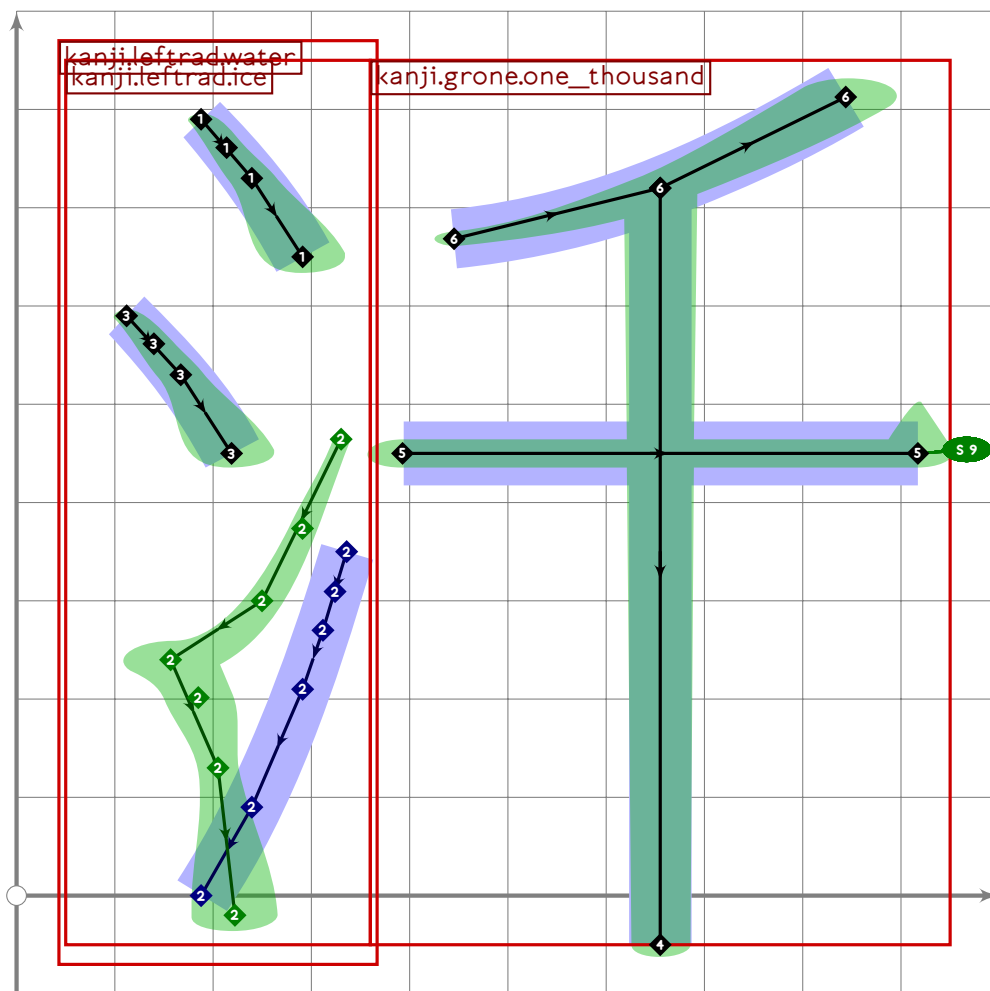
```

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 endtsuglyph;
437

```

U+6C58  
tsuku.uni6C58

6C



```

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"

```

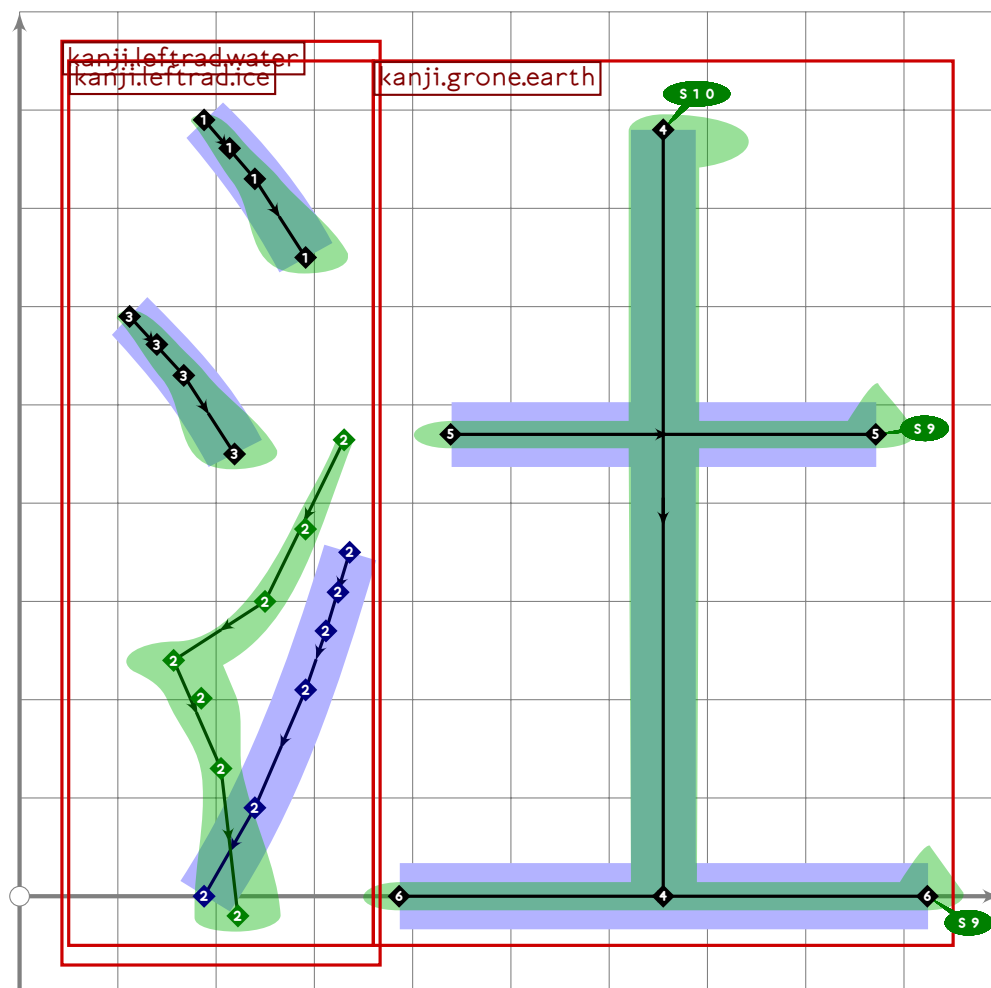
[see page 3415]

[see page 3410]



[see page 3396]

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

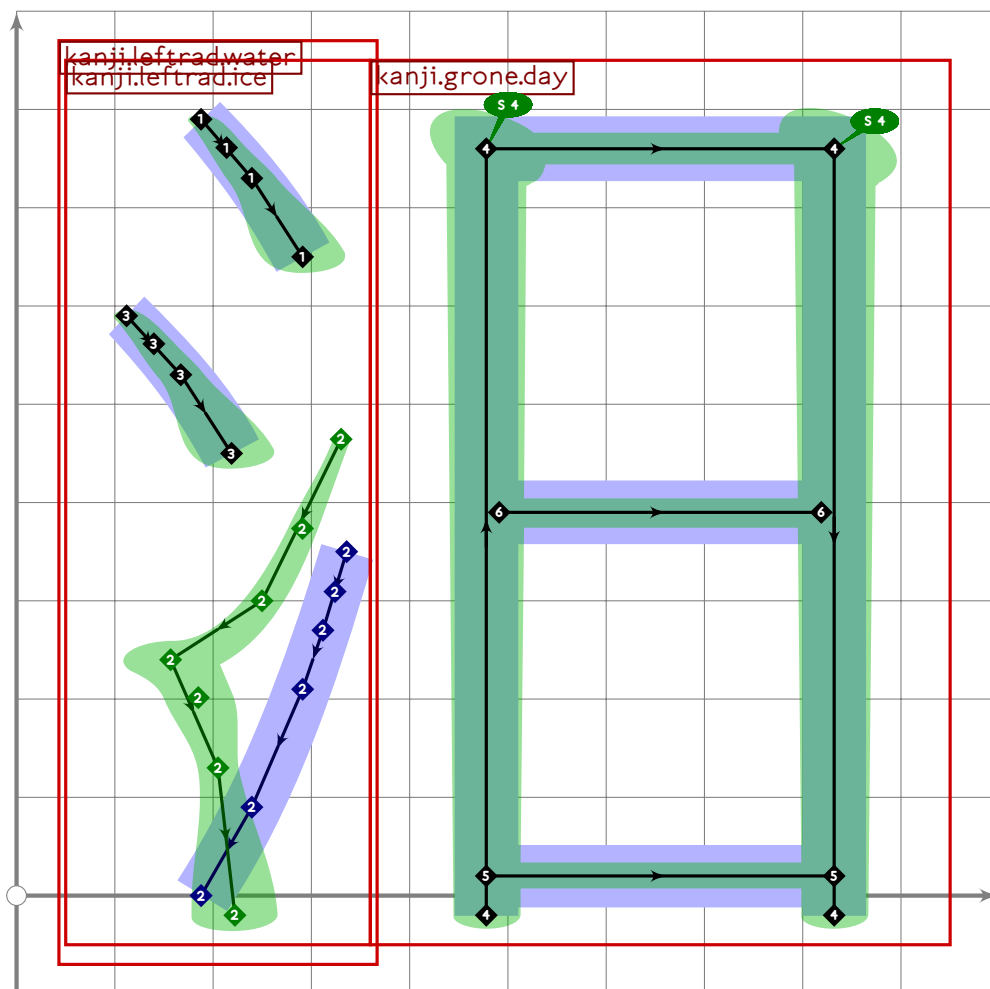


6C

```
464 % extra
465 begint Suglyph('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

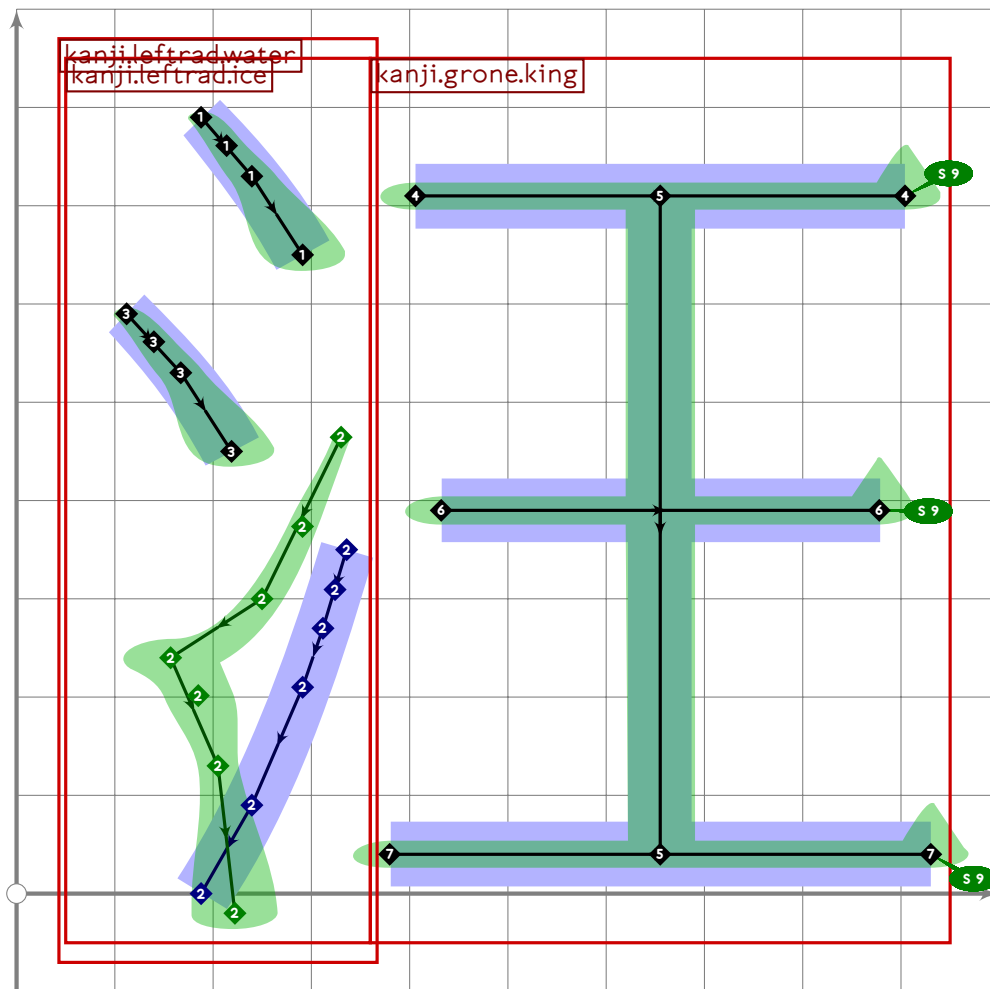
6C



```

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

```



6C

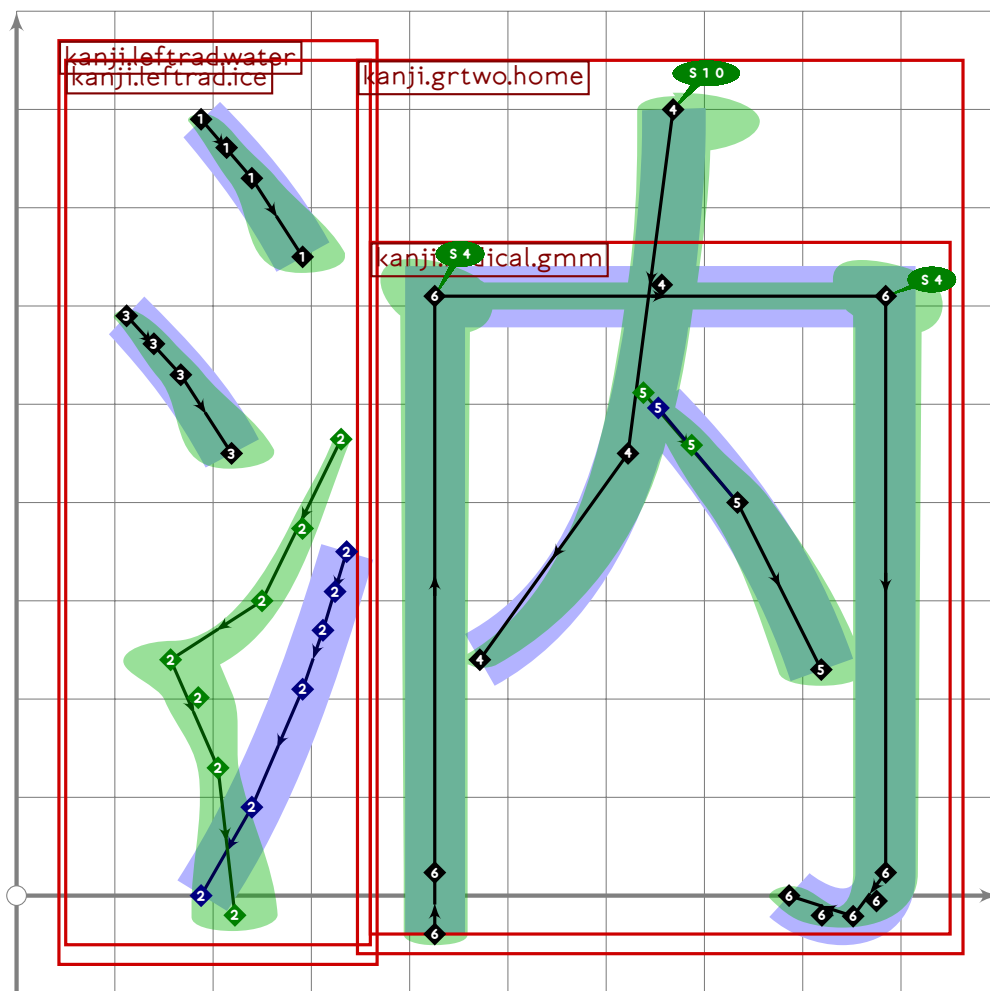
```

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

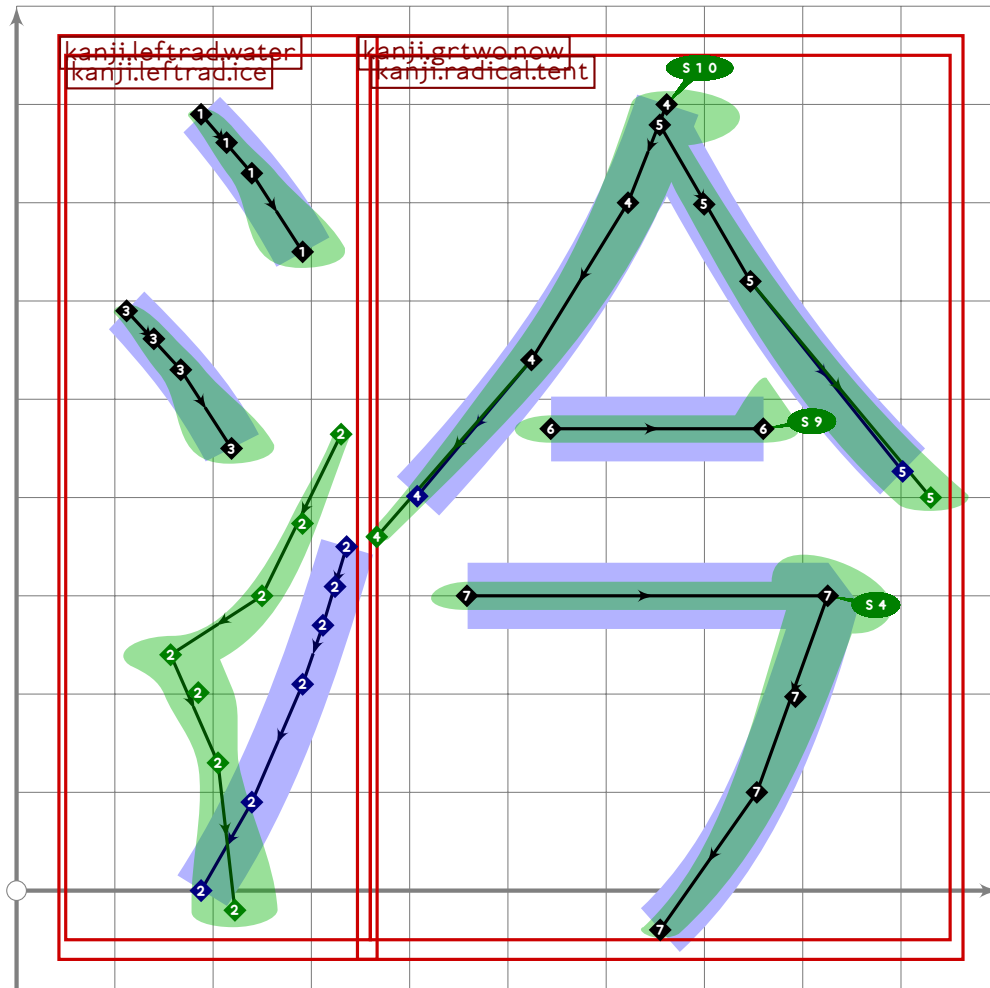


```

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

```

[see page 3413]



6C

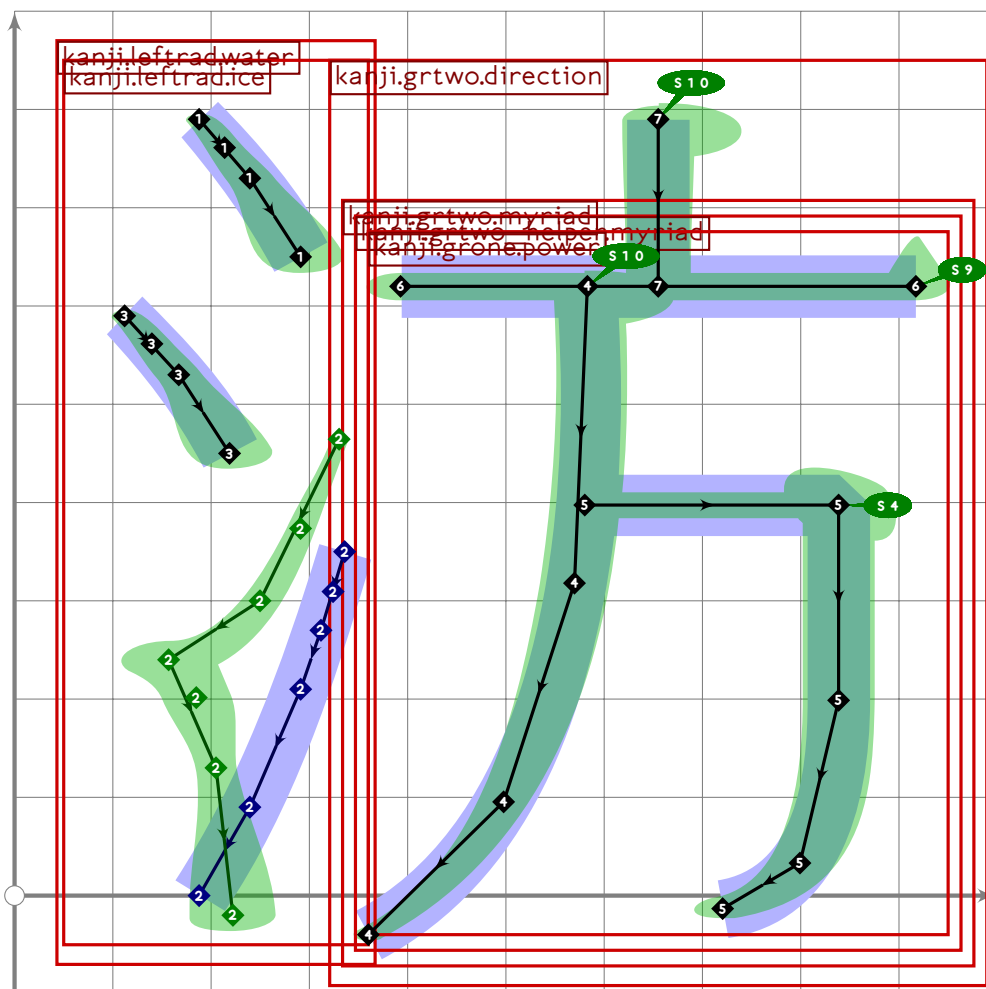
```

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

```

U+6C78  
tsuku.uni6C78

6C

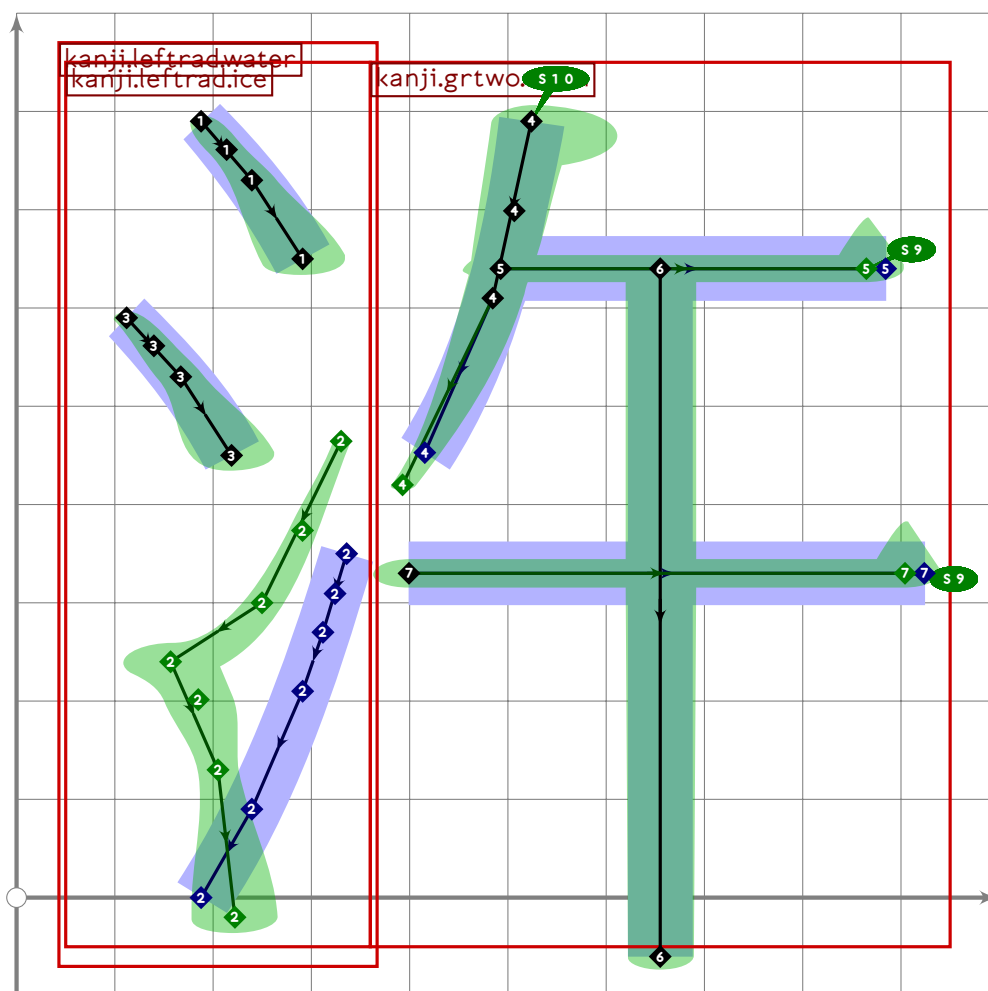


```

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

```

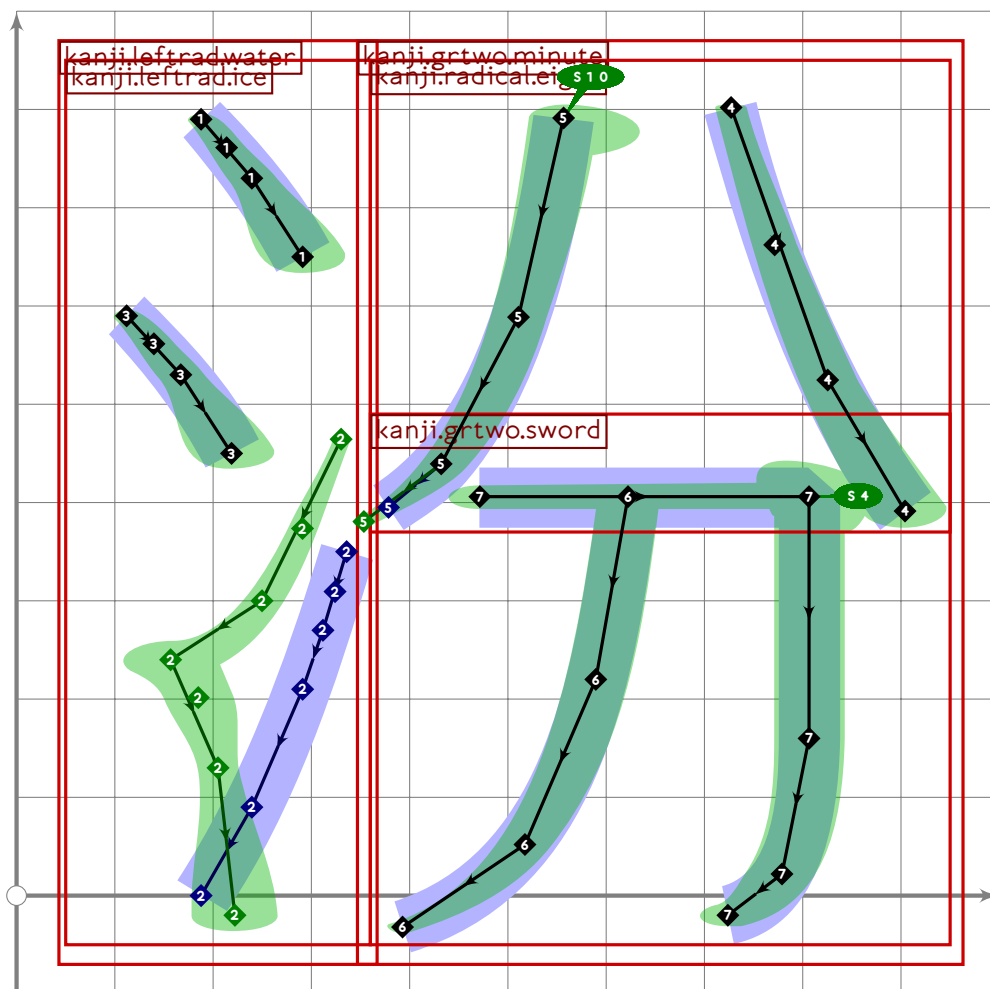
524 % extra
525 begintsuglyph("uni6C7B",123);
526   build_kanji.lr(360,0)
527     (kanji.leftrad.water)
528     (kanji.grtwo.noon);
529   tsu_render;
530 endtsuglyph;
531
532 % ki "steam"
533 begintsuglyph("uni6C7D",125);
534   kanji.grtwo.steam;
535   tsu_render;
536 endtsuglyph;
537

```

[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 `% kyu/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 endtsuglyph;
```

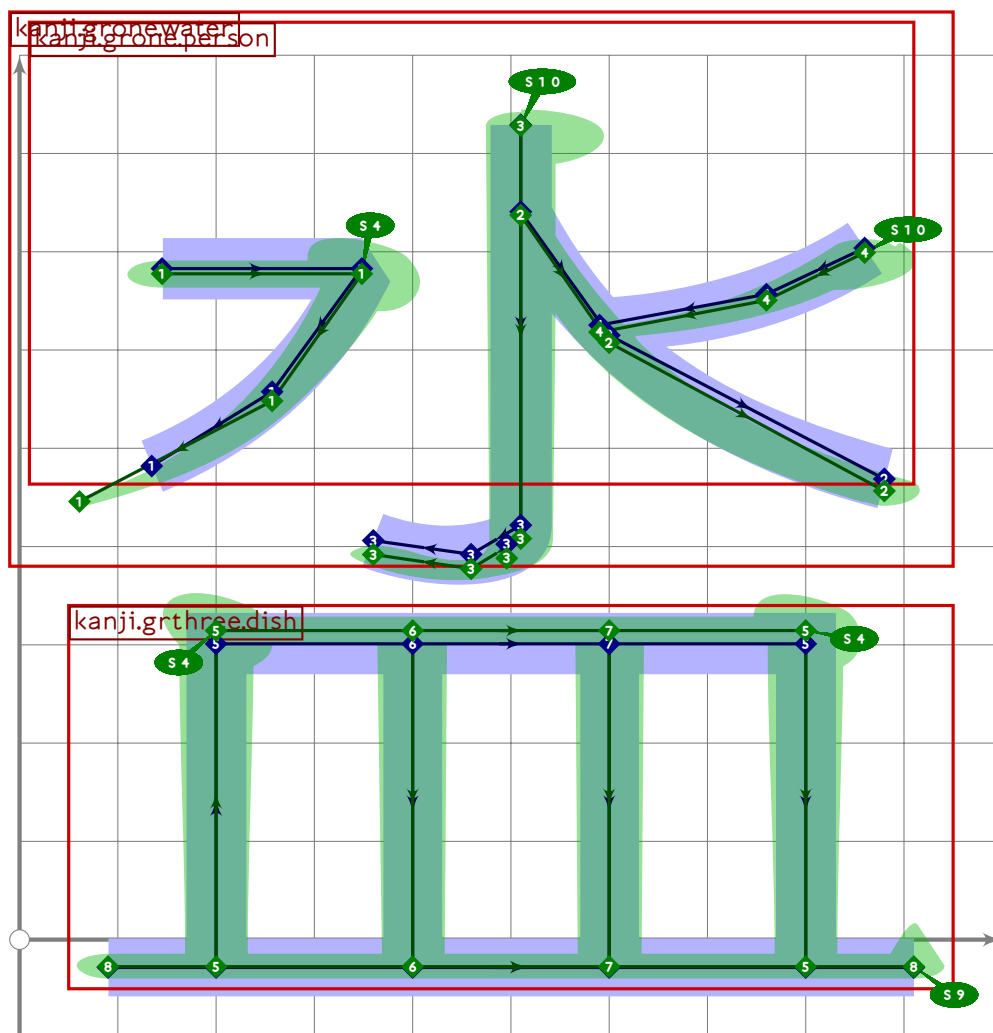
[see page 3401]

```
611  
612 % ei/oyo "swim"  
613 begintsuglyph("uni6CF3";243);  
614 kanji.grthree.swim;  
615 tsu_render;  
616 endtsuglyph;
```

[see page 3402]

6C

617



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

627

628 endfont;

629

630

---

6C

# tsuku-6d.mp

6D

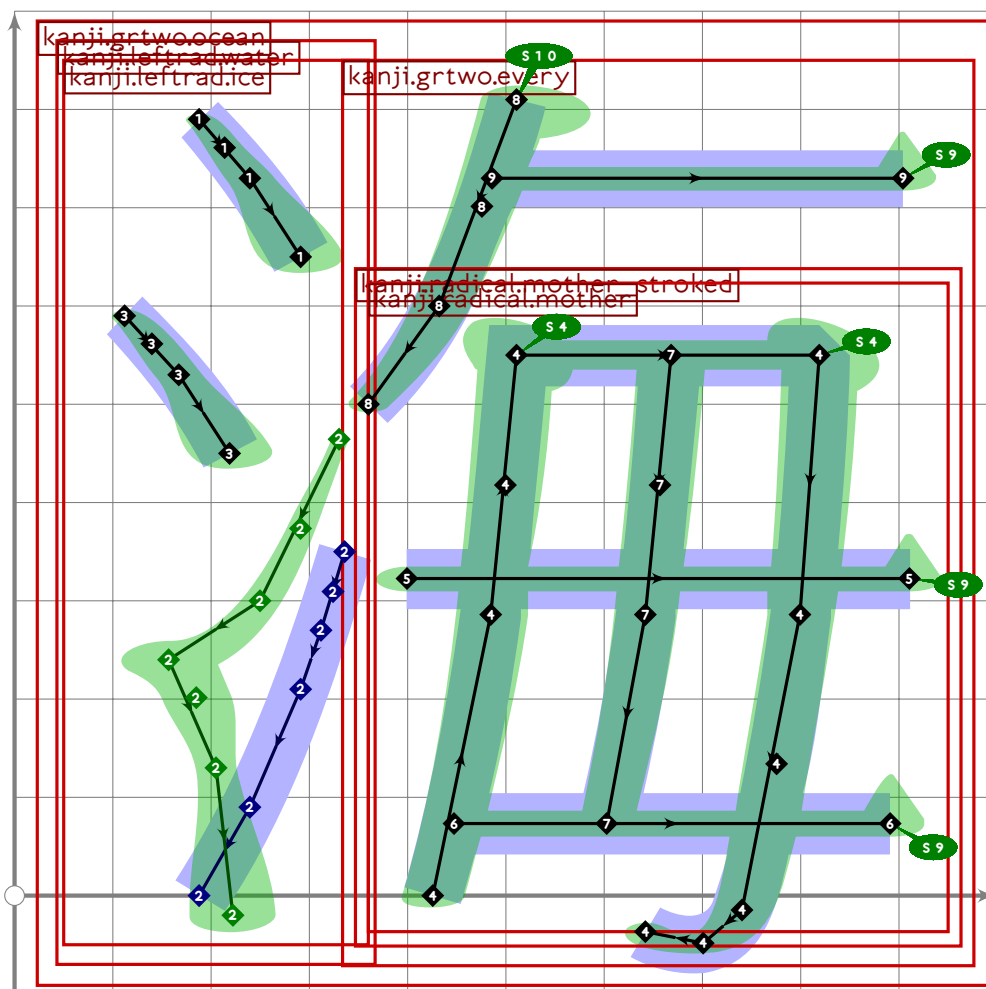
```
1 %
2 % Unicode page 6D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2018 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

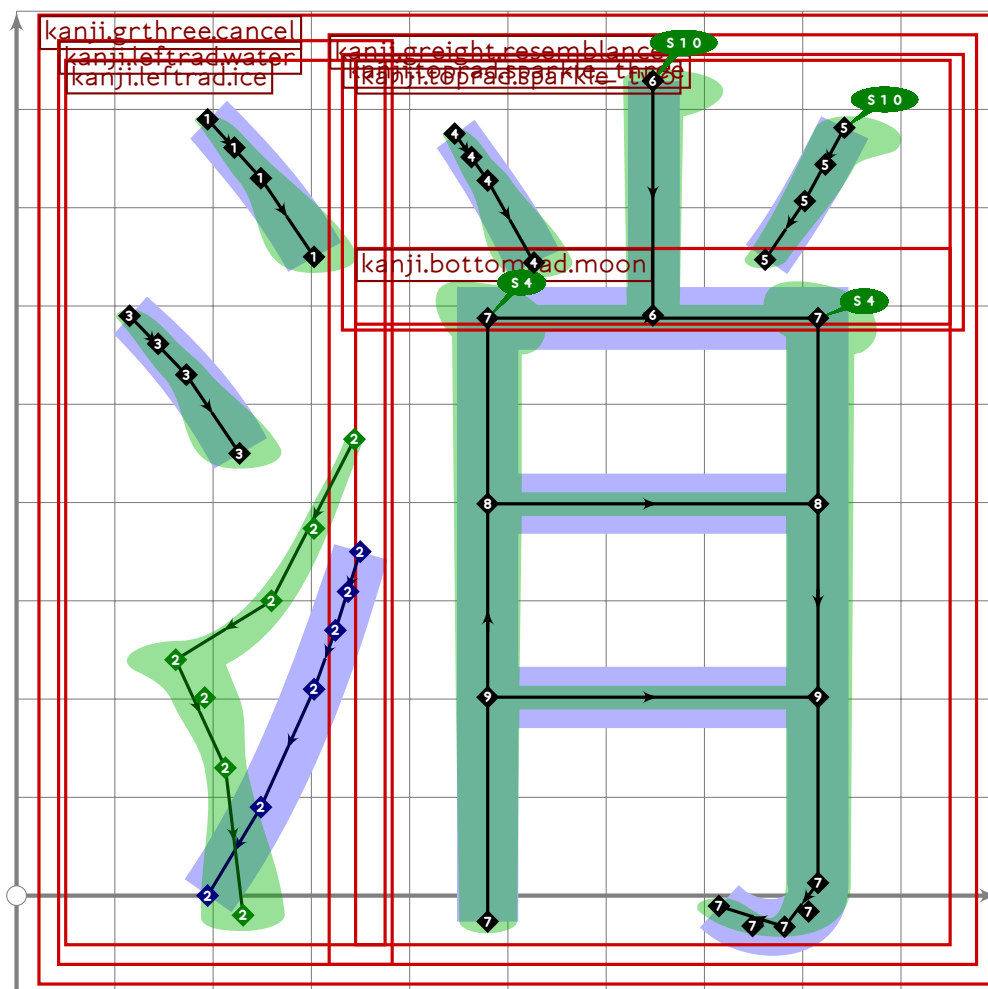
---


```

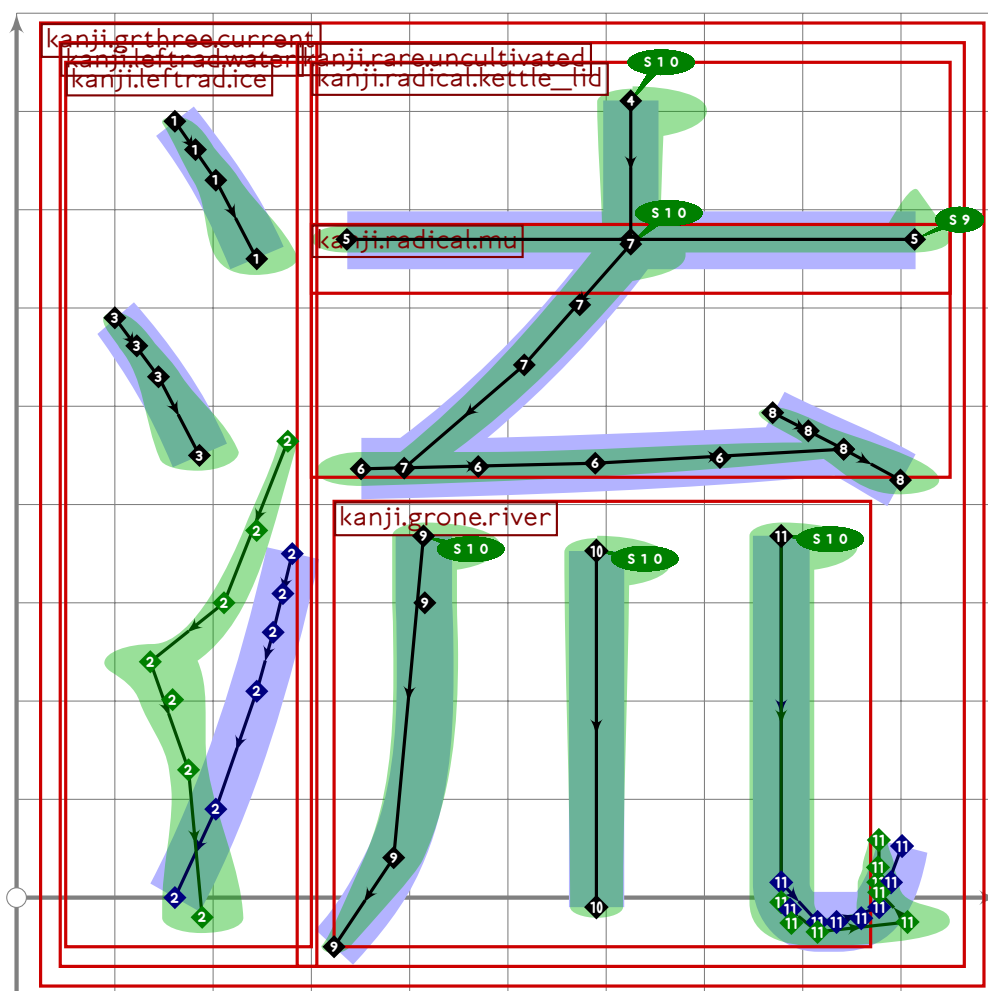


---

6D



3446



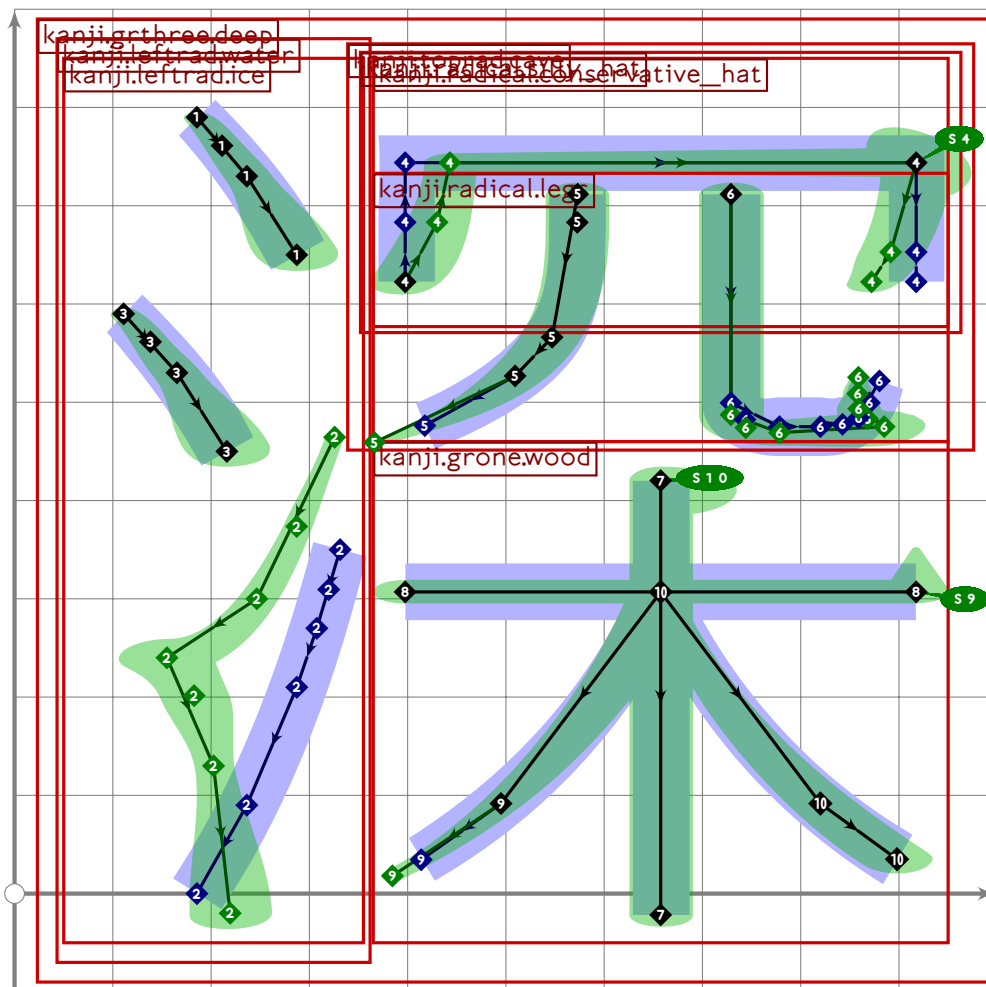
6D

```

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;

```

6D

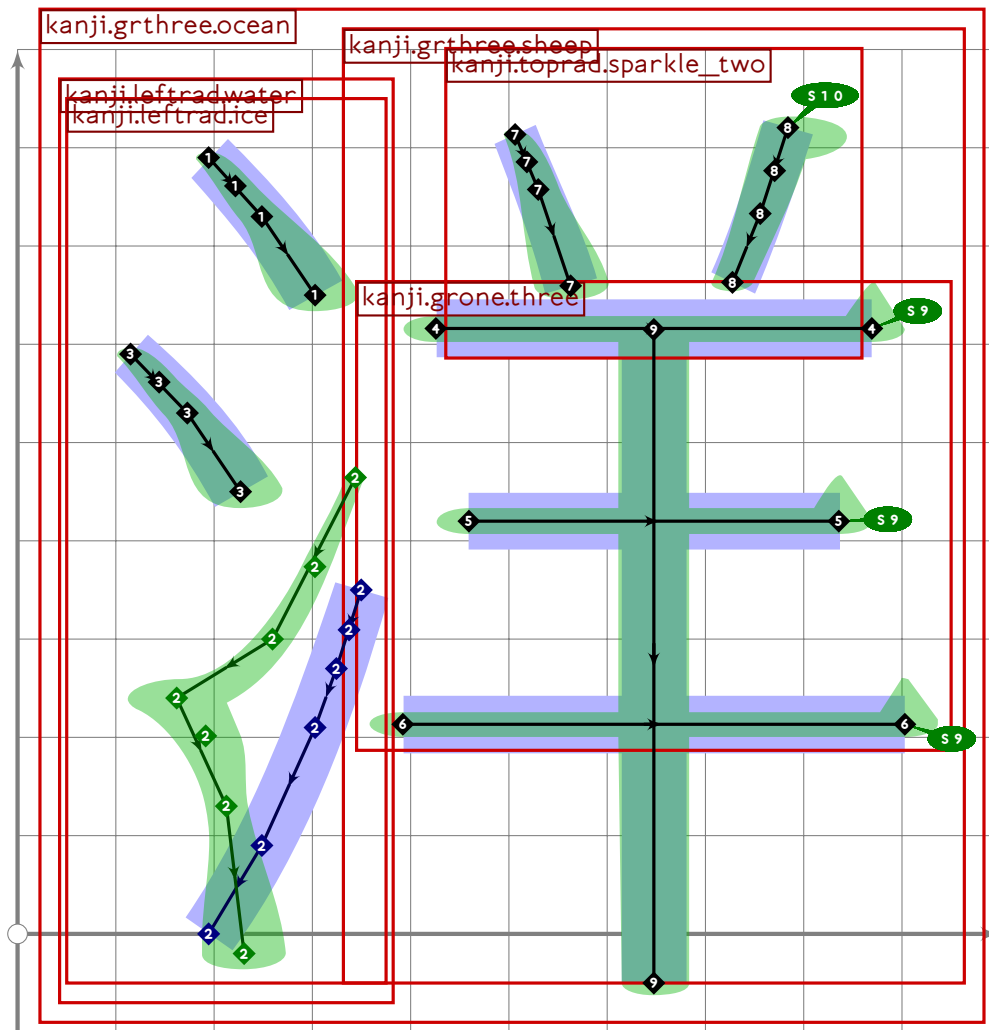


```

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

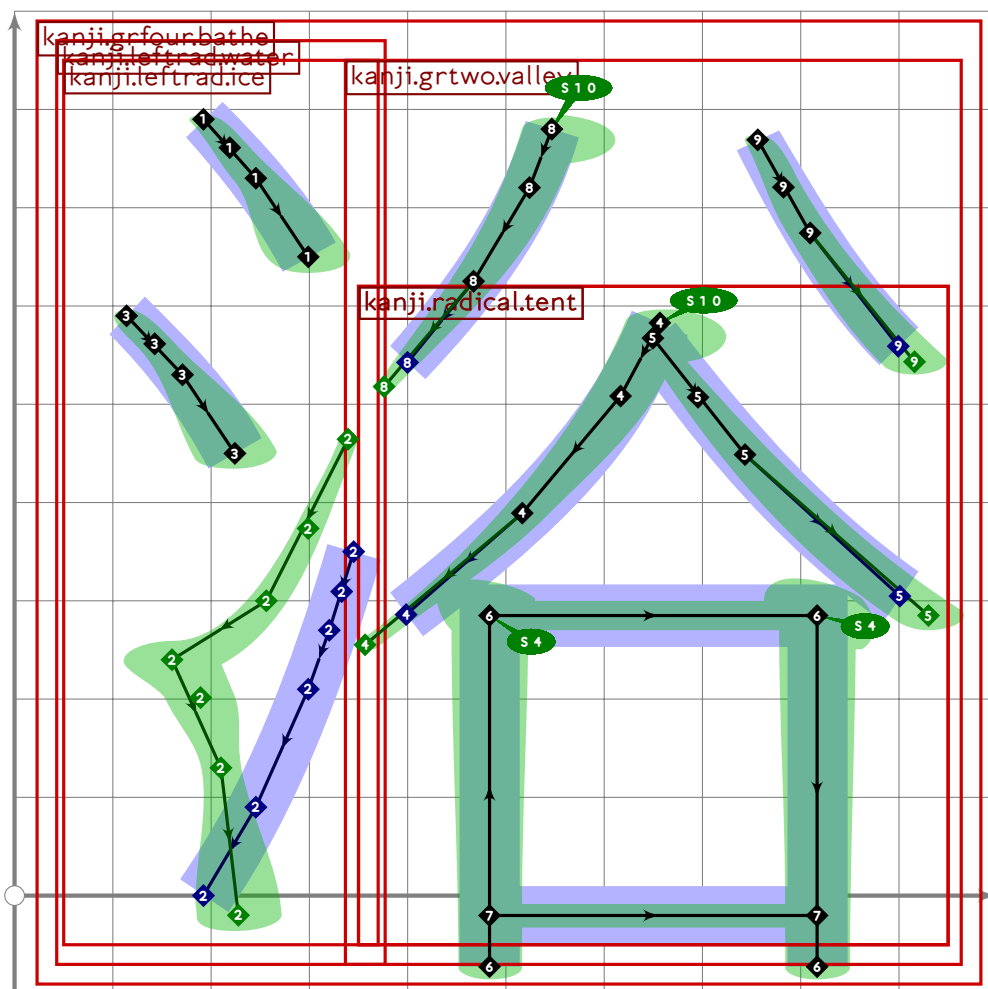
```

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

```

U+6D74  
tsuku.uni6D74

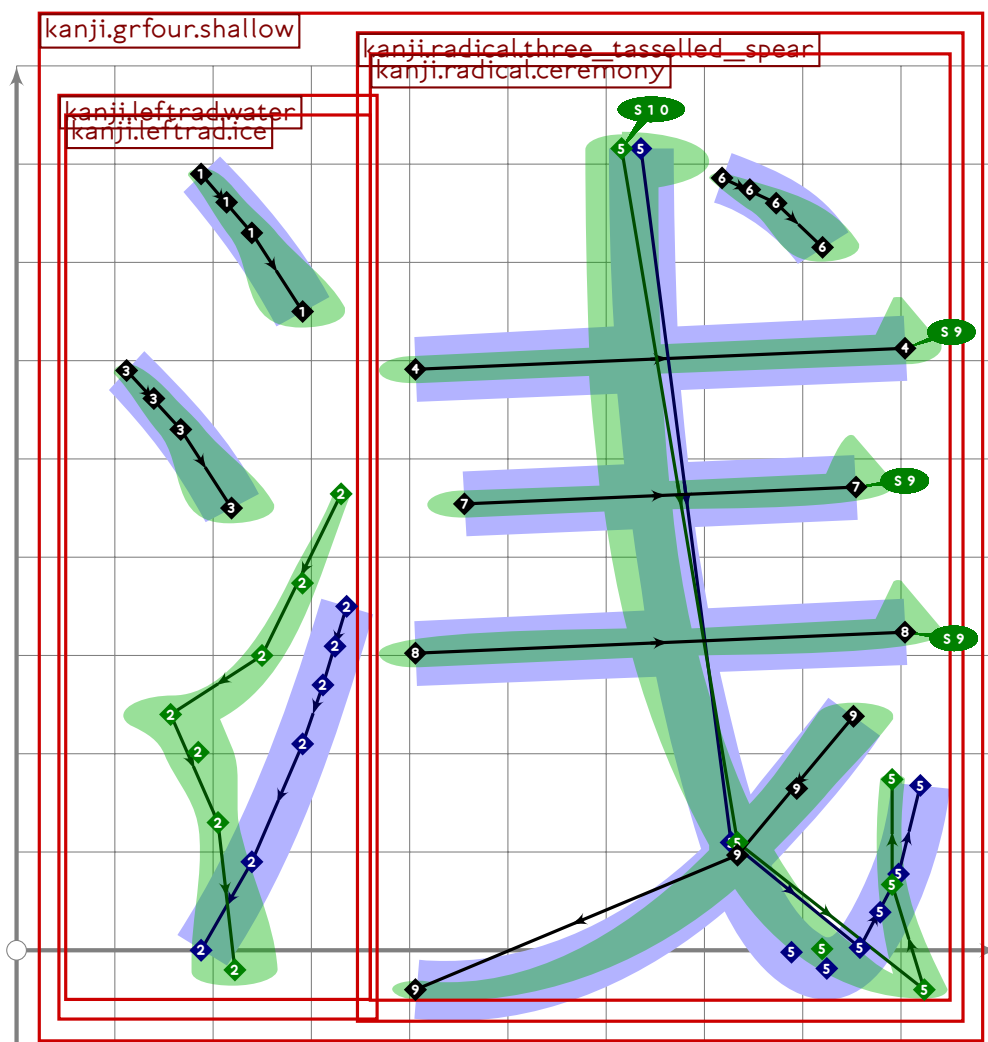
6D



```

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;

```



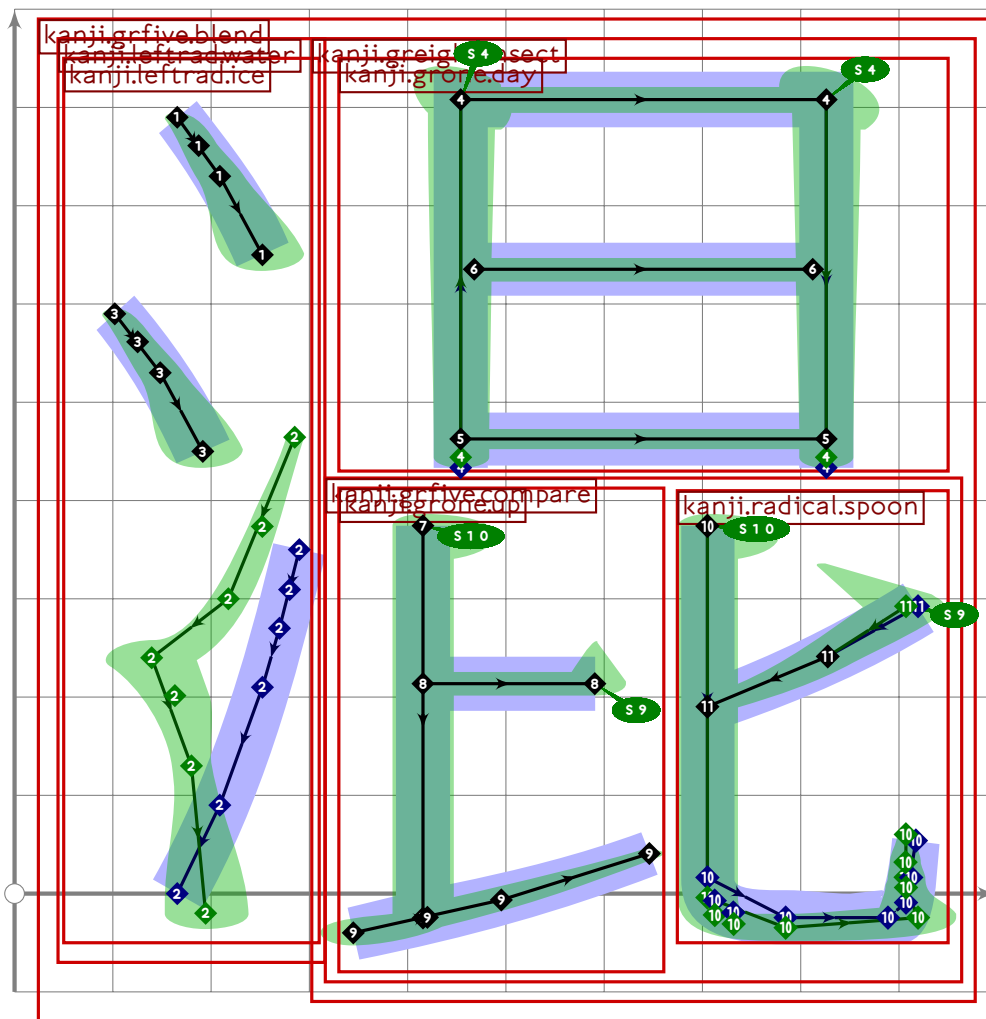
6D

```

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

```

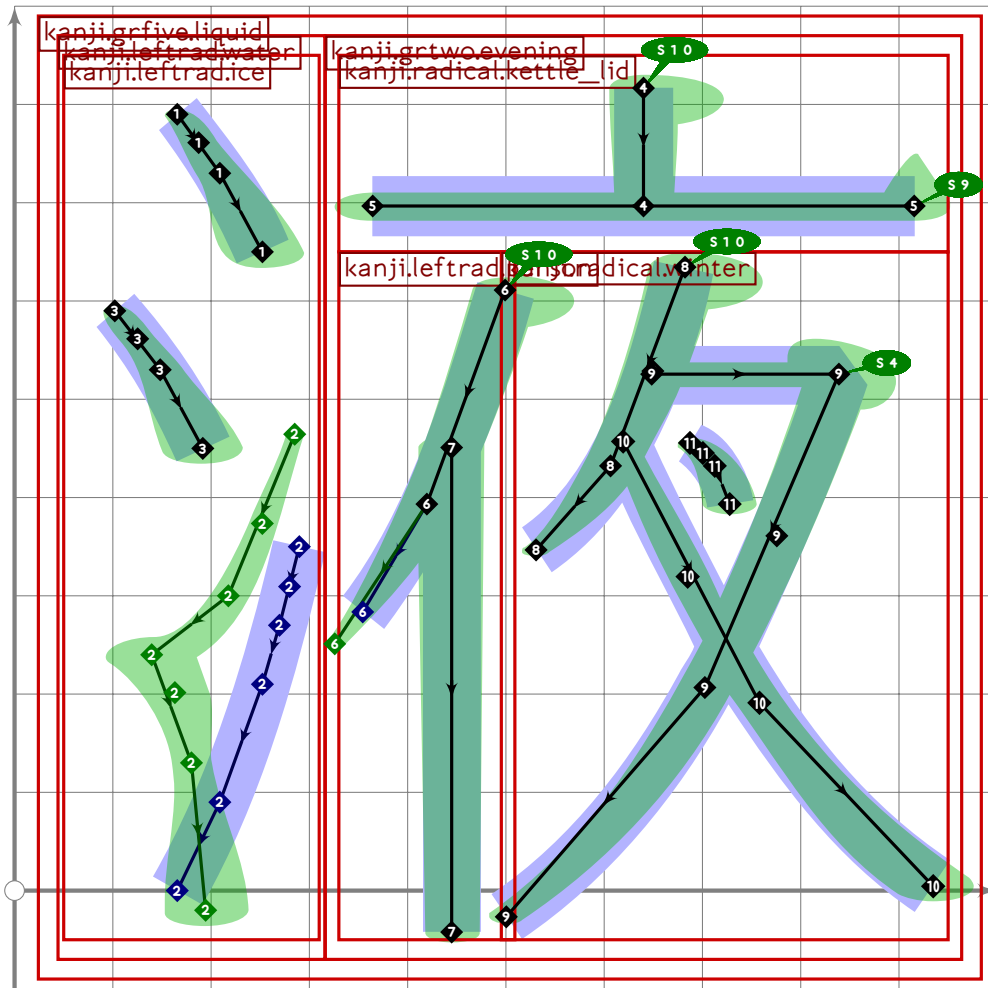
6D



```

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.greight.insect);
125   expand_pbox;
126 enddef;

```

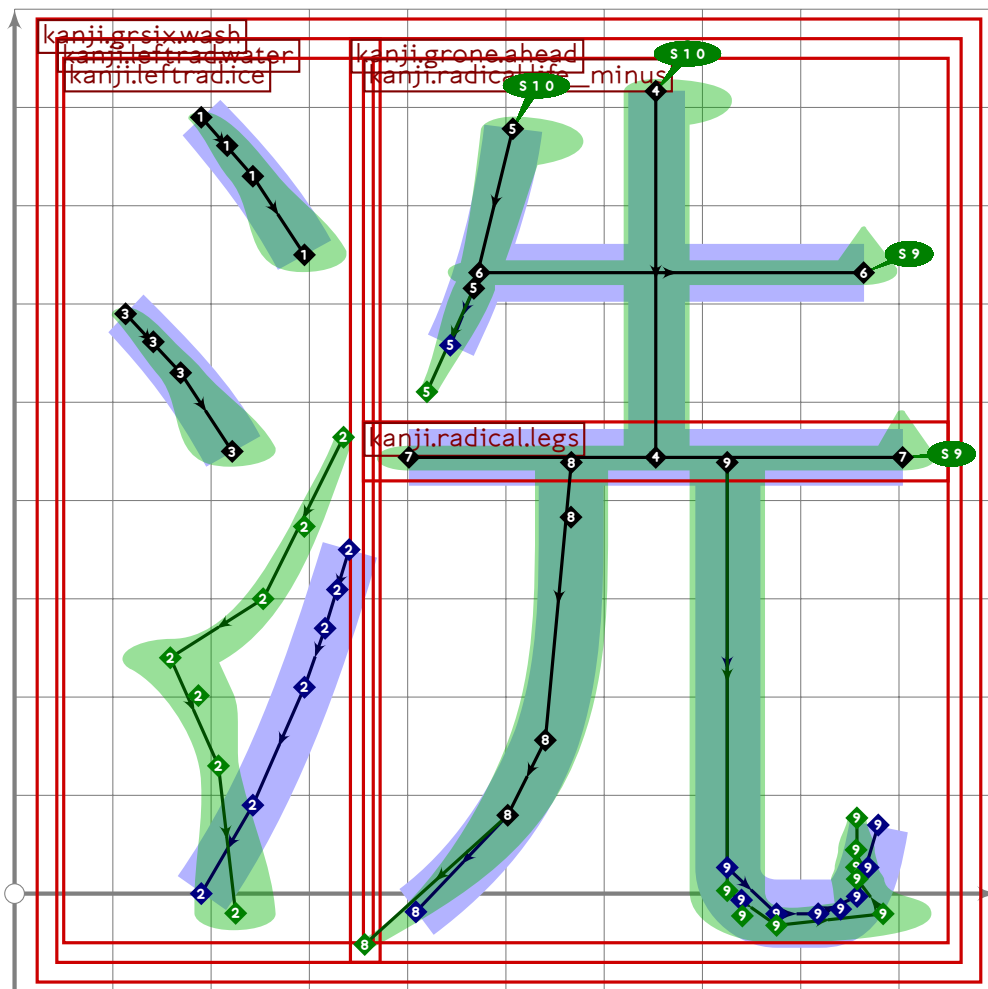


6D

```

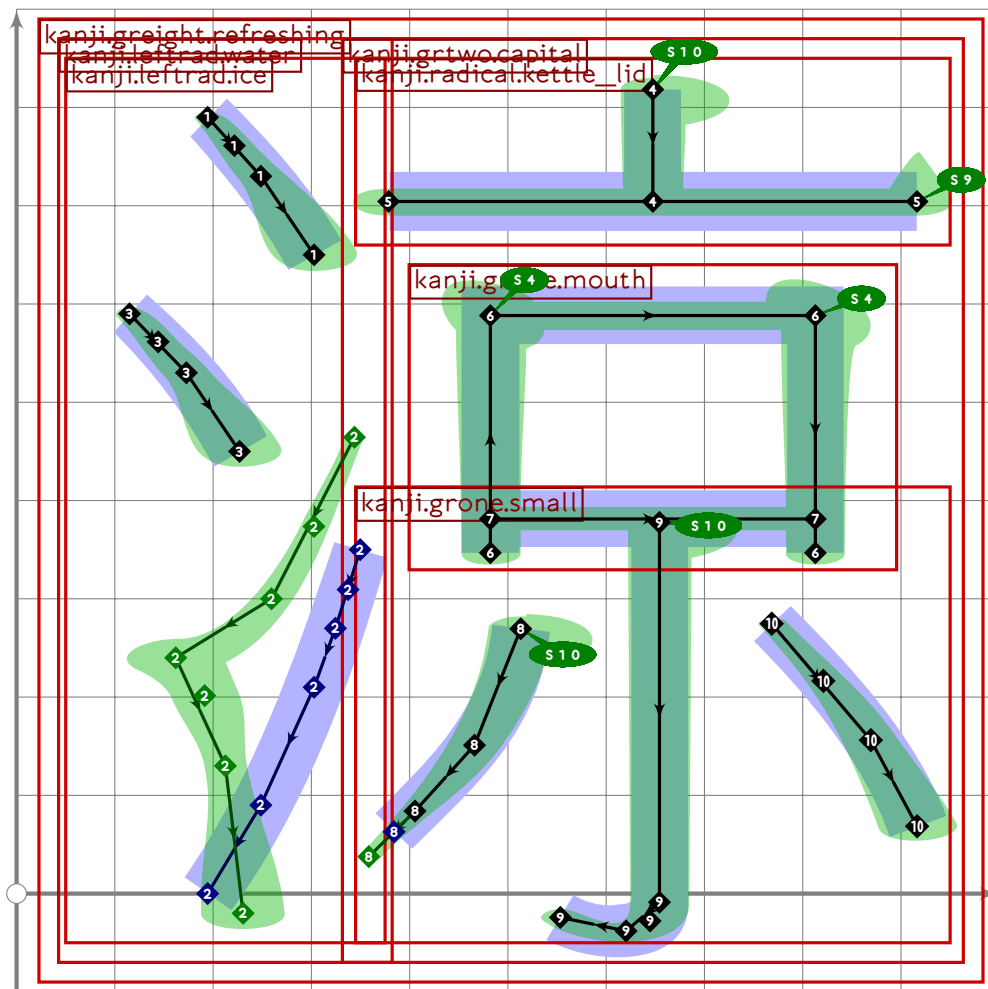
127
128 vardef kanji.grfive.liquid =
129   push_pbox_toexpand("kanji.grfive.liquid");
130   build_kanji.lr(320;20)
131     (kanji.leftrad.water)
132     (kanji.grtwo.evening);
133   expand_pbox;
134 enddef;
135
136
```

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;

```

155

156

157

```

158 % you "ocean"
159 beginsuglyph("uni6D0B";11);
160   kanji.grthree.ocean;
161   tsu_render;
162 endsuglyph;

```

[see page 3449]

163

```

164 % sen/ara "wash"
165 beginsuglyph("uni6D17";23);
166   kanji.grsix.wash;
167   tsu_render;

```

[see page 3454]

```

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;

```



```

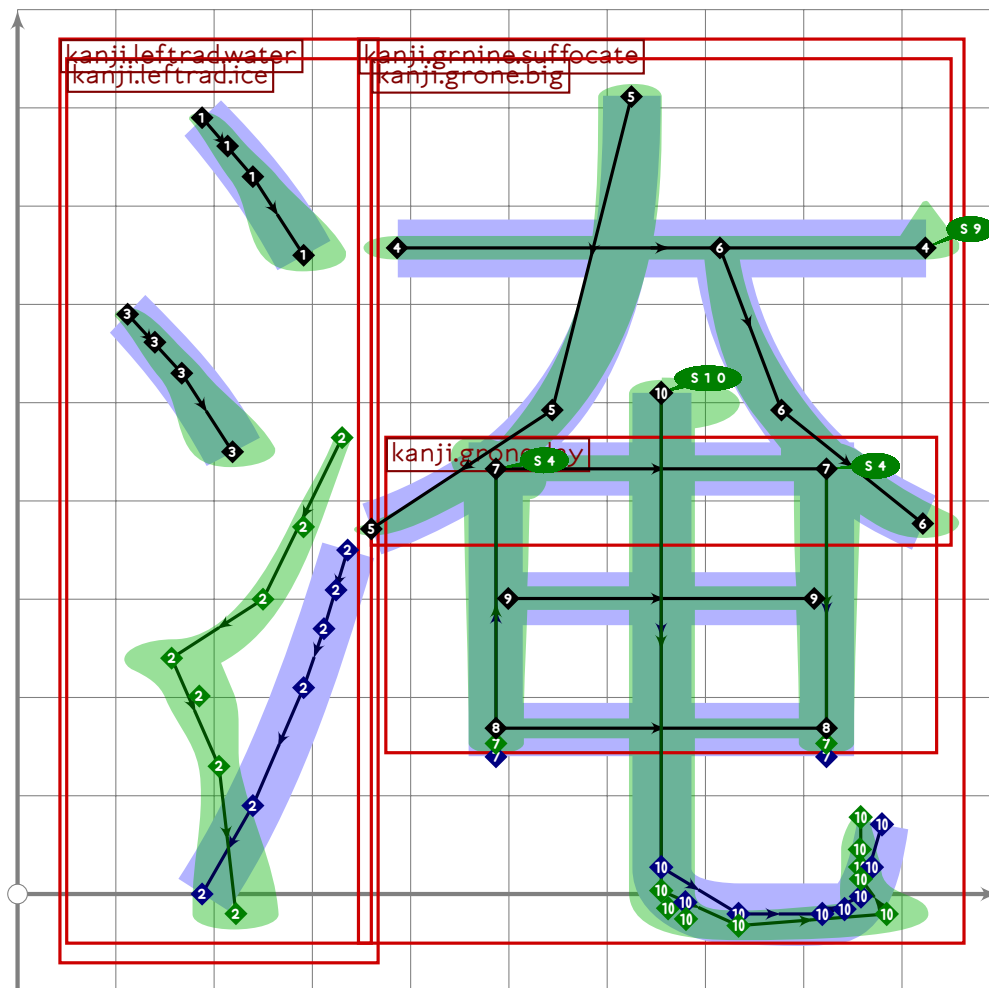
216 endtsuglyph;
217
218 % ryou/suzu "refreshing"
219 begintsuglyph("uni6DBC";188);
220   kanji.greight.refreshing;
221   tsu_render;
222 endtsuglyph;
223
224 % name of a specific river in China, needed for grfive "semi"
225 begintsuglyph("uni6DEE";238);
226   kanji.rare.huai_river;
227   tsu_render;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

```

[see page 3455]

[see page 1067]

6D



```

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 _____
```

```
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 

---

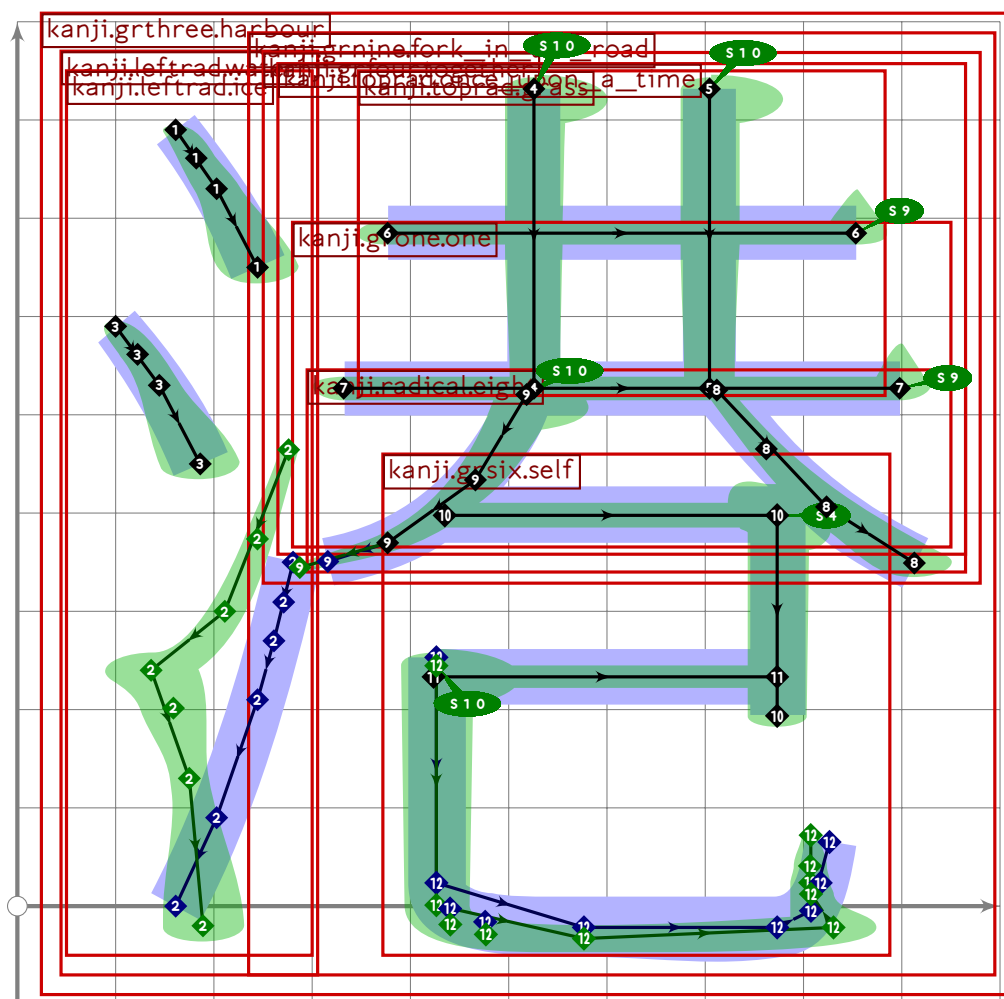

32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;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

---


```

U+6E2F  
tsuku.uni6E2F

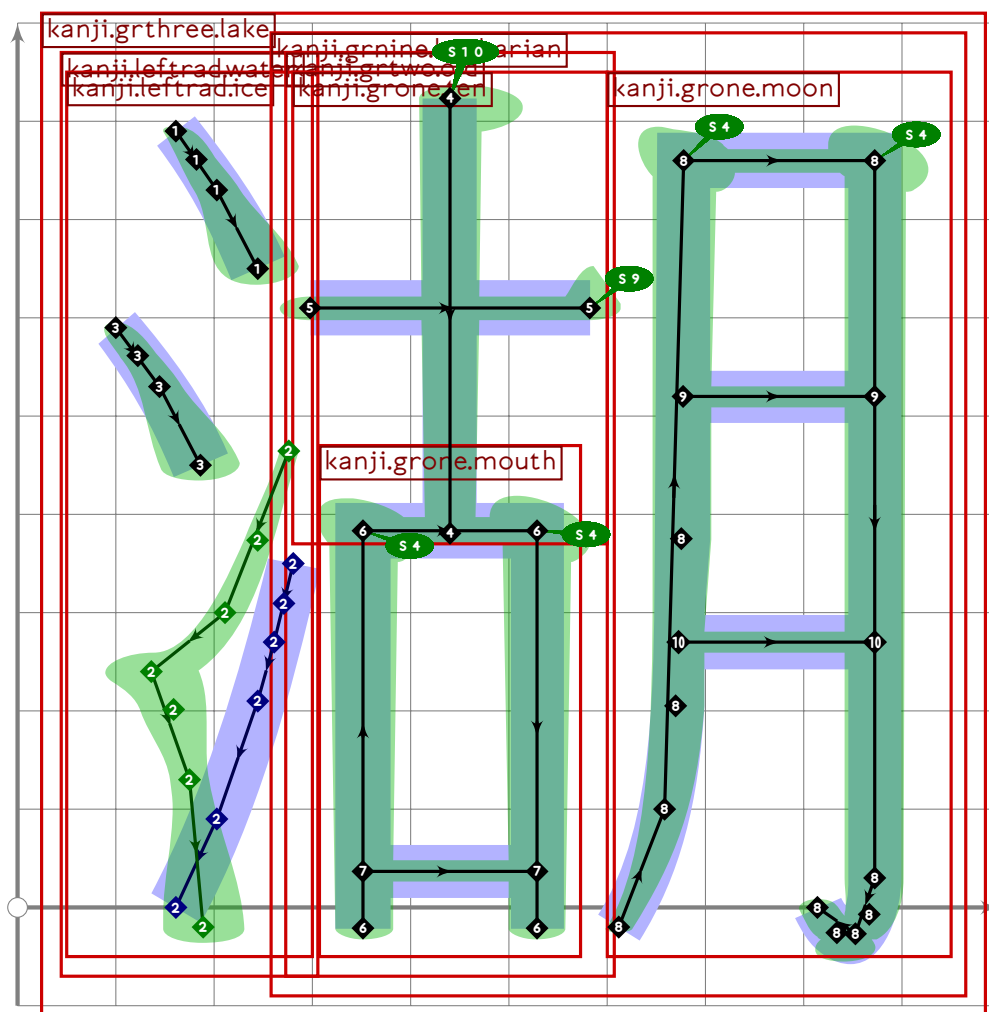
6E



```

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;

```



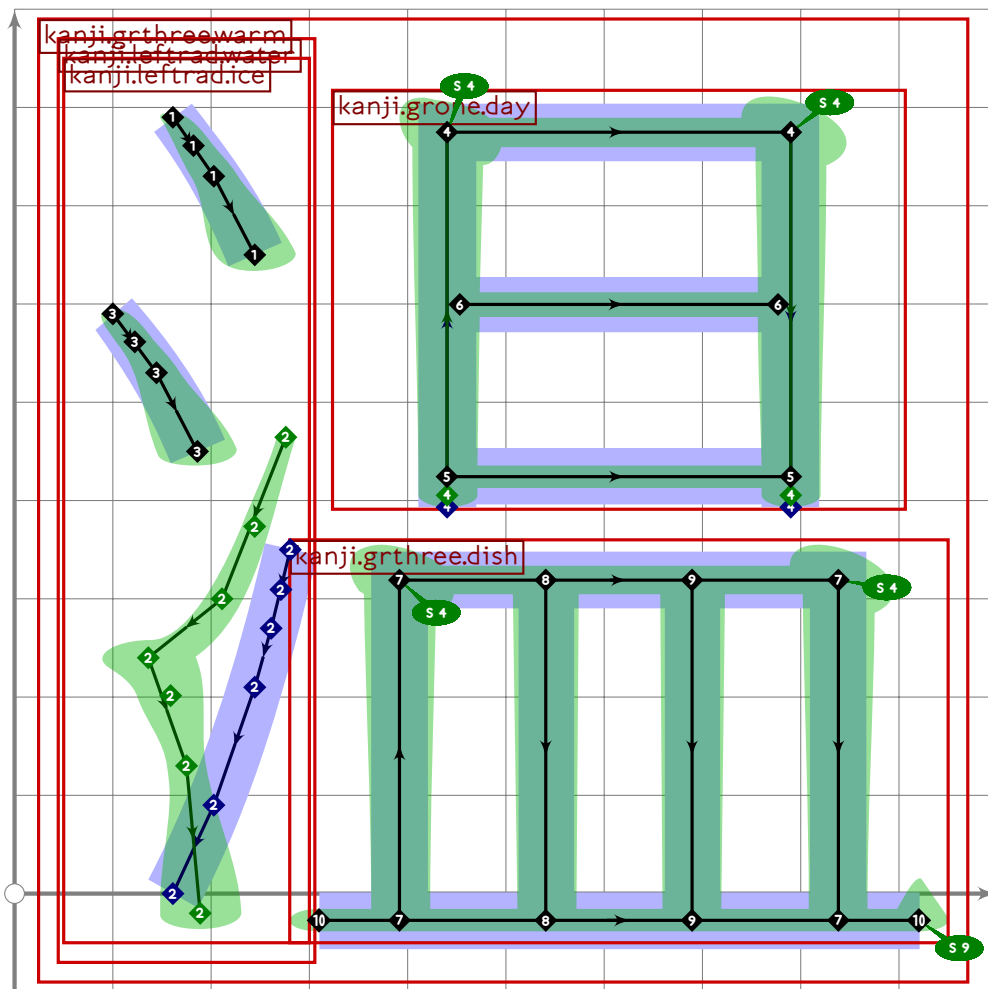
6E

```

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;

```

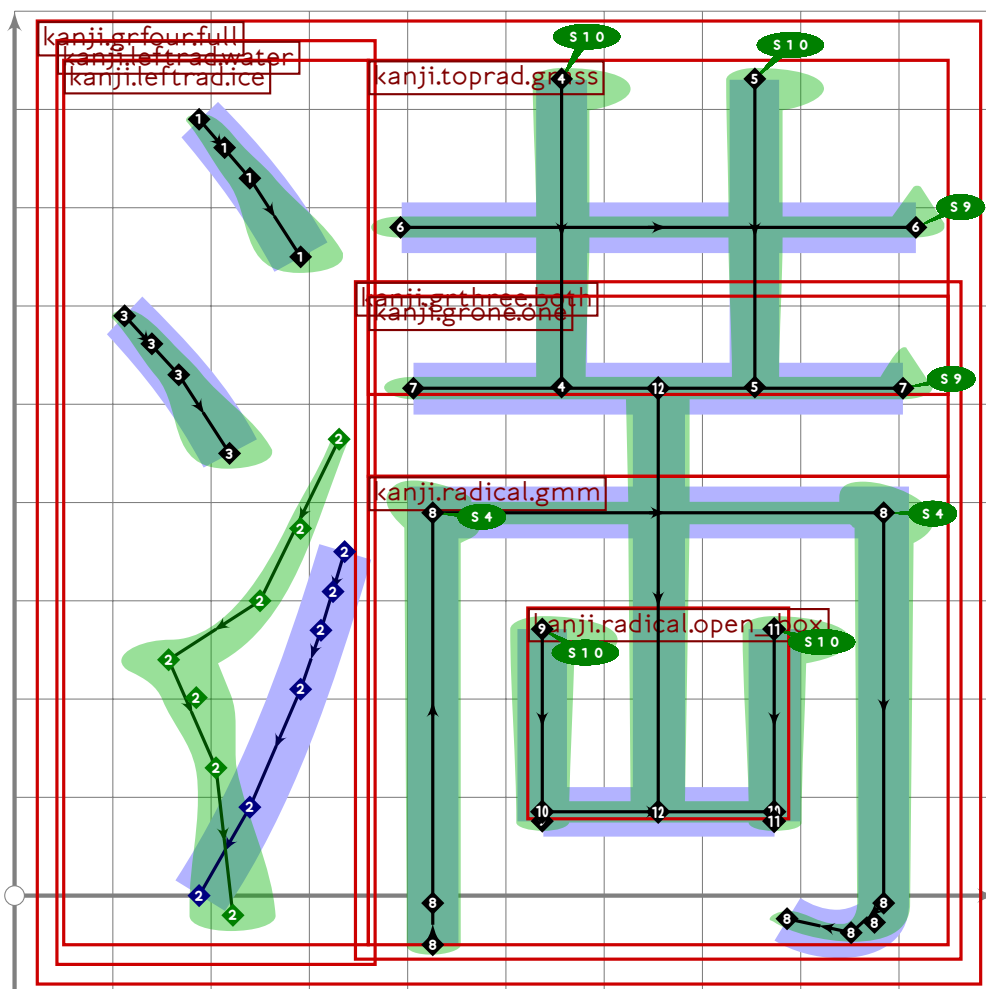
6E



```

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

```

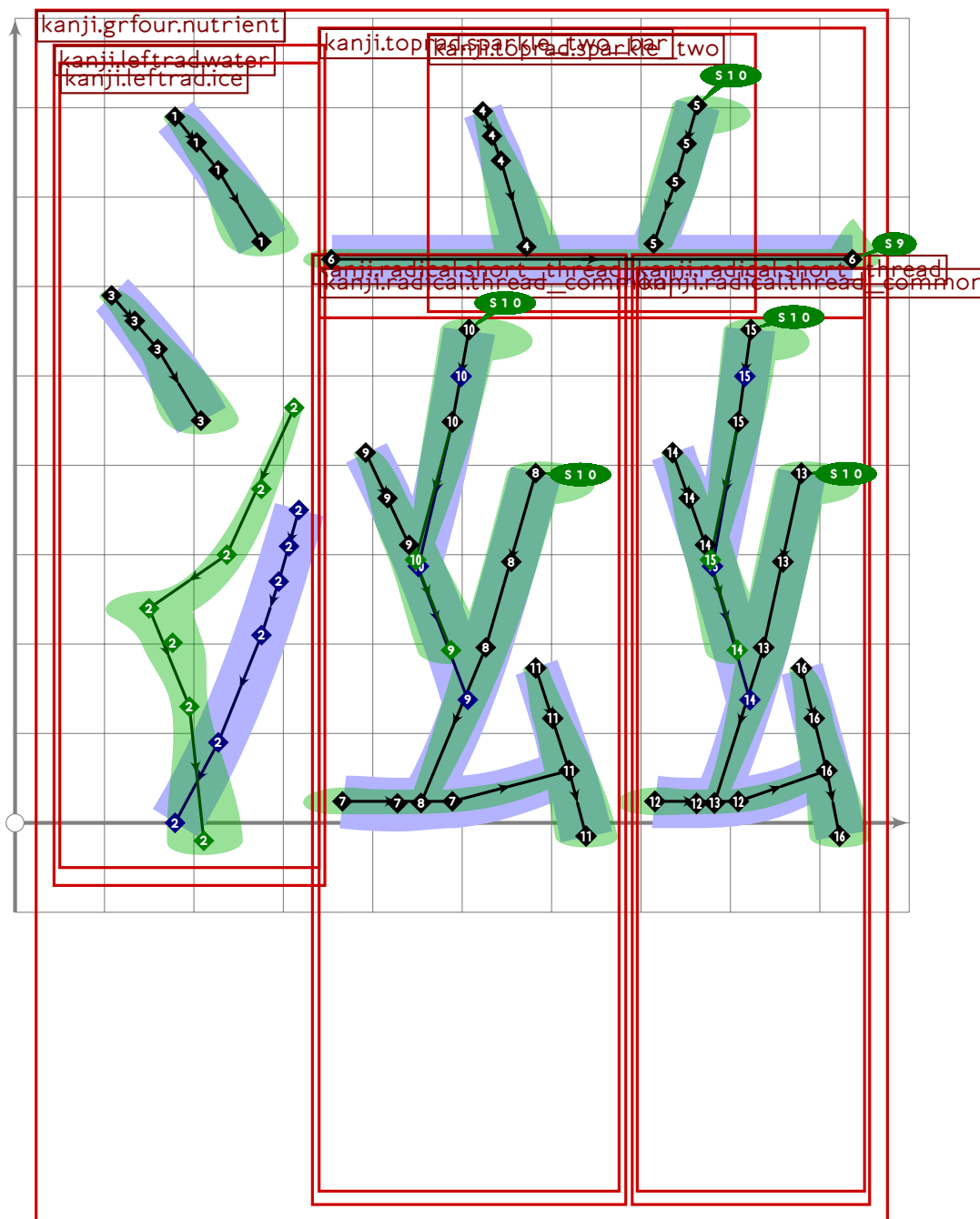


6E

```

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;

```

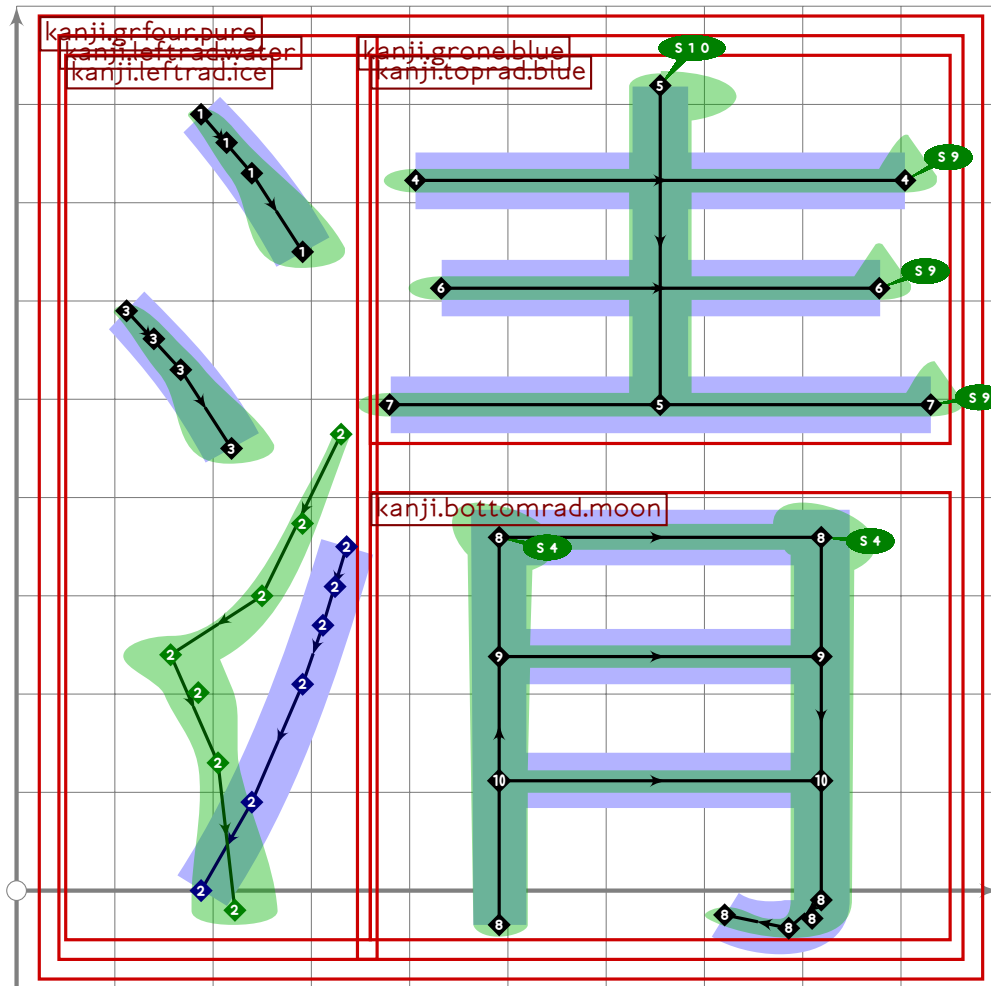


```

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;

```





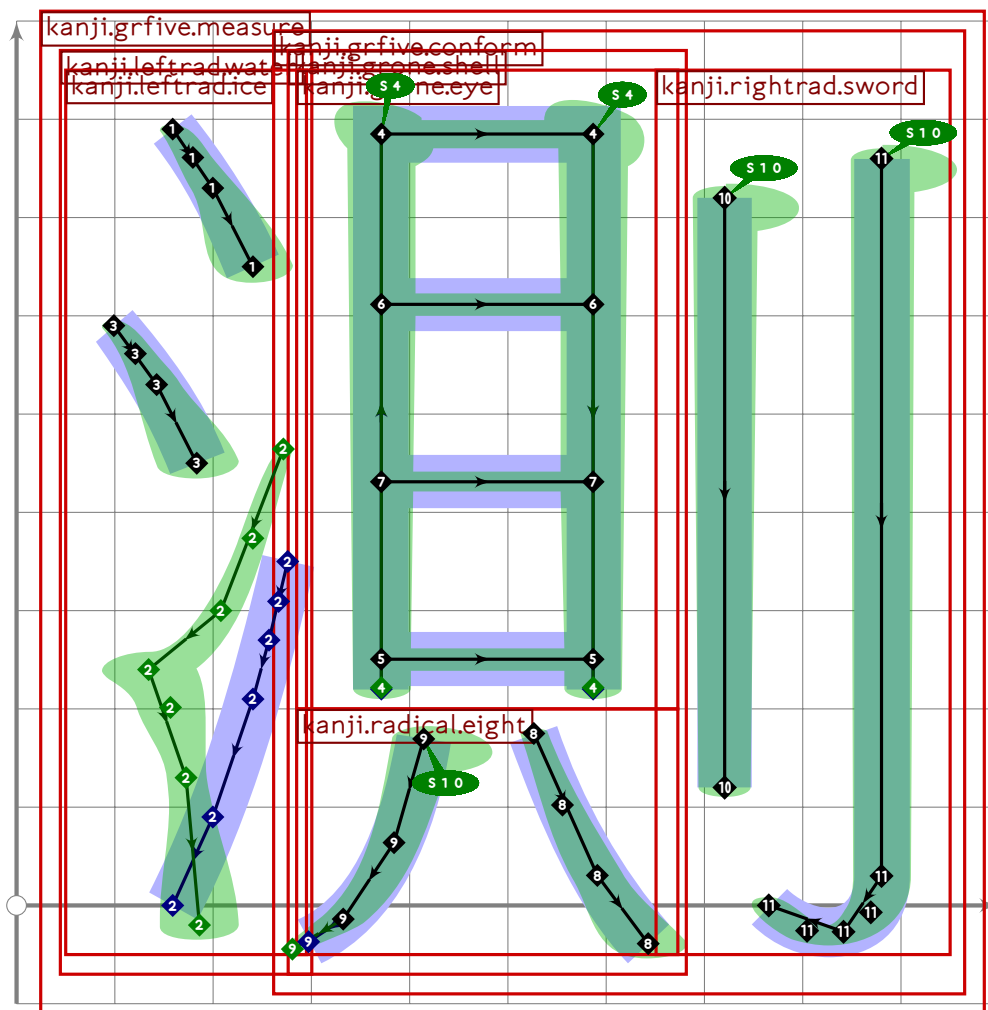
6E

```

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
```

U+6E2C  
tsuku.uni6E2C

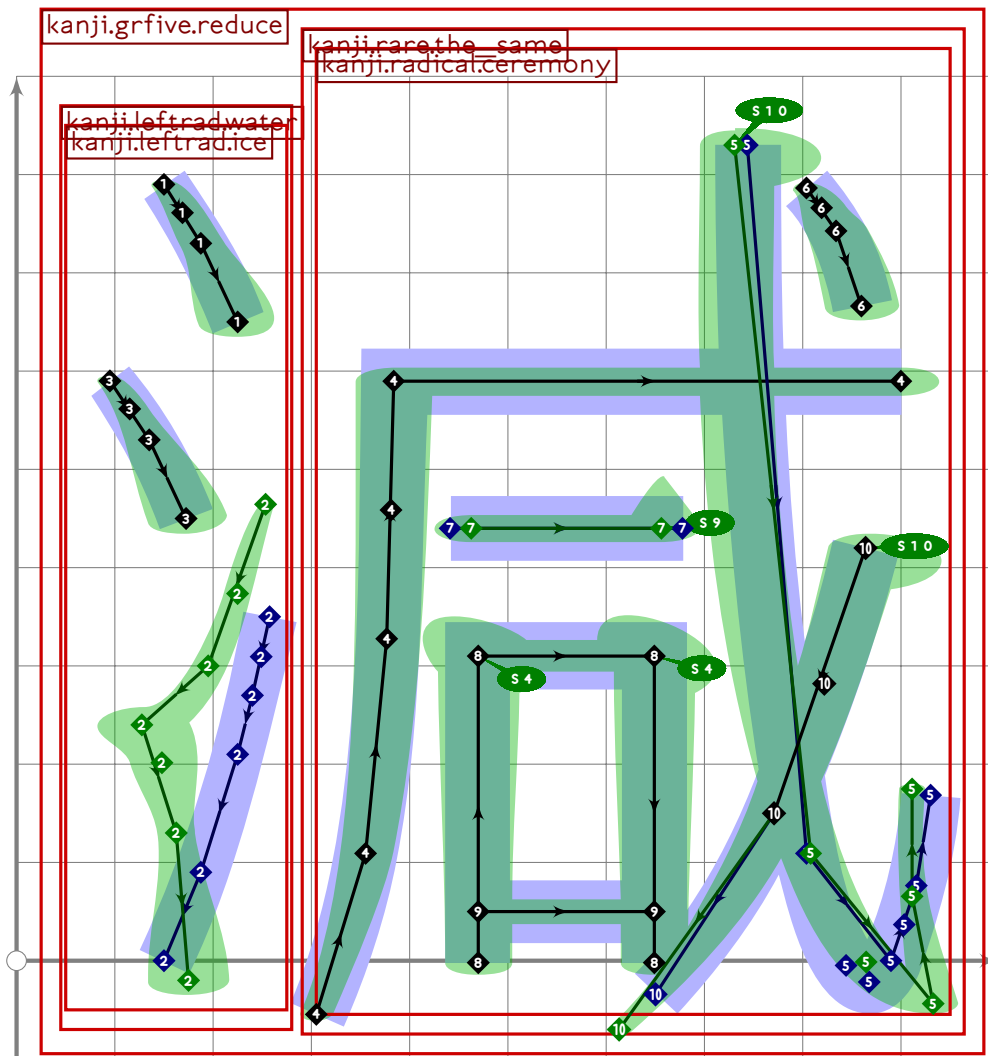
6E



```

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;

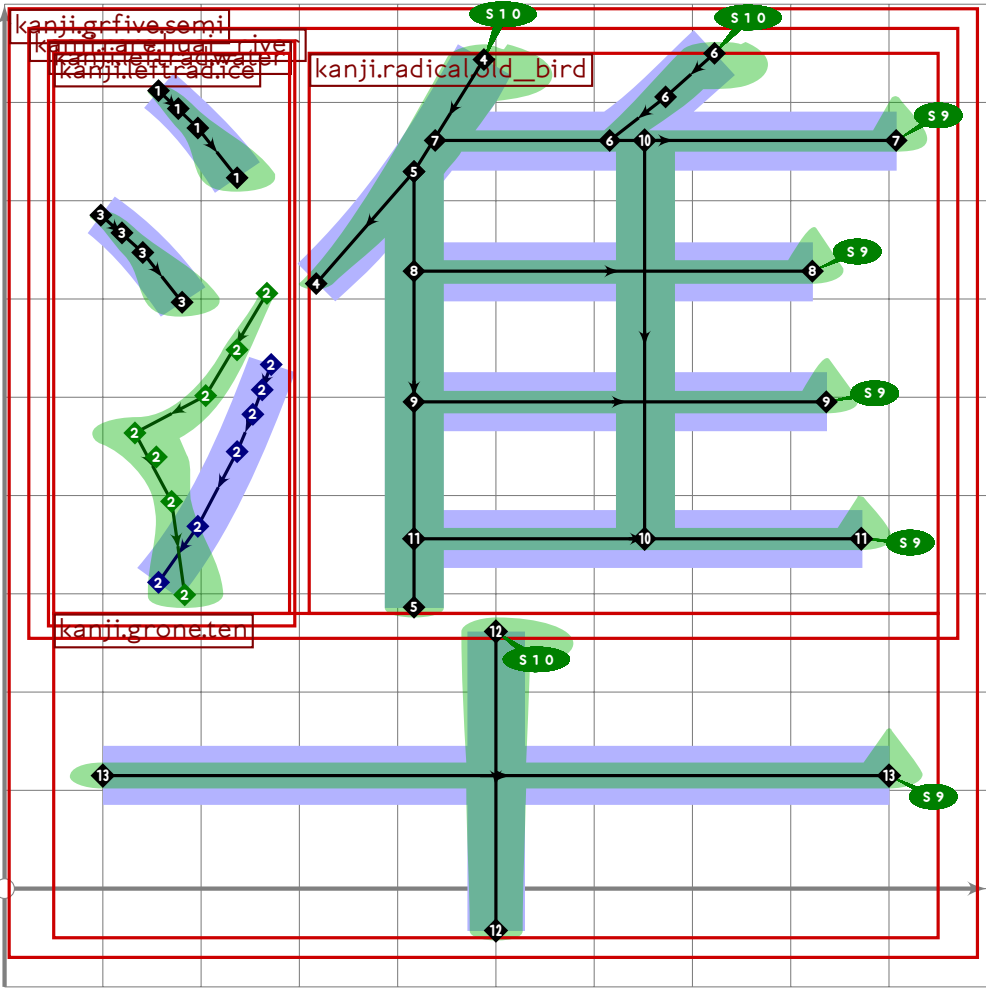
```



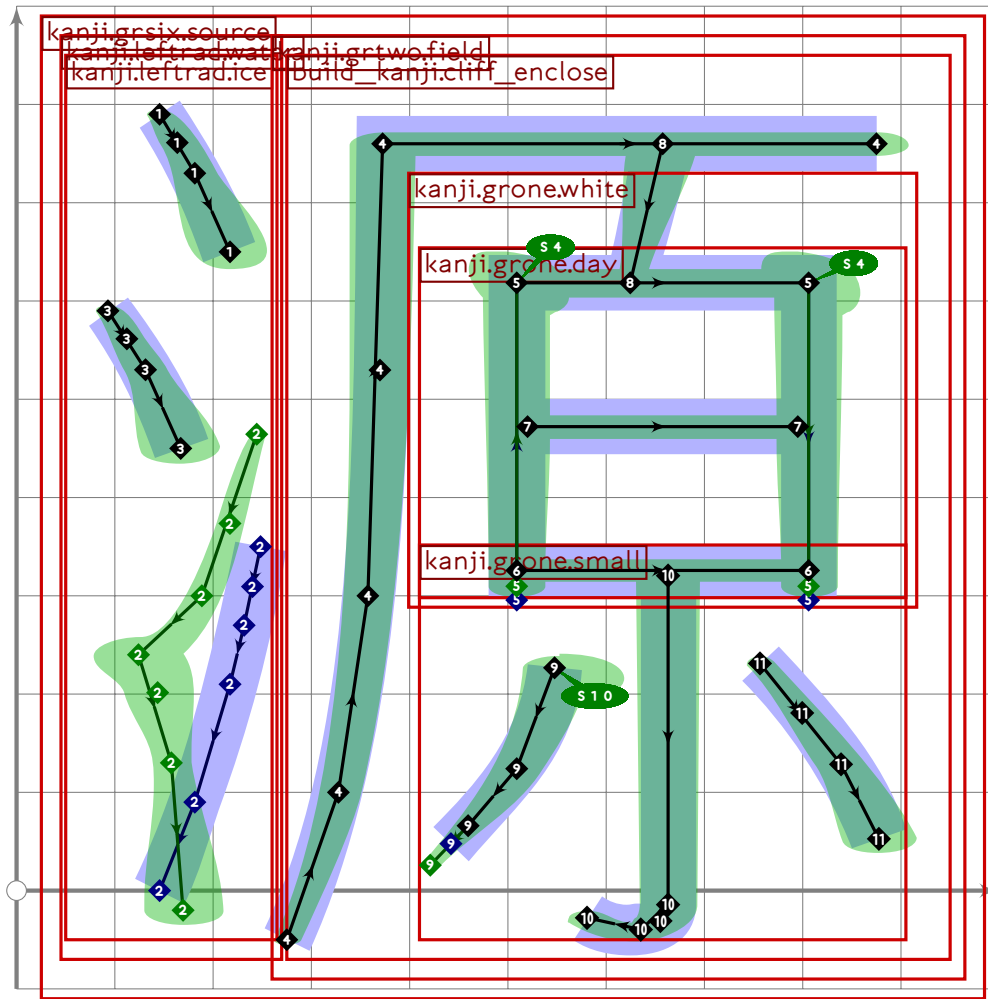
```

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;

```



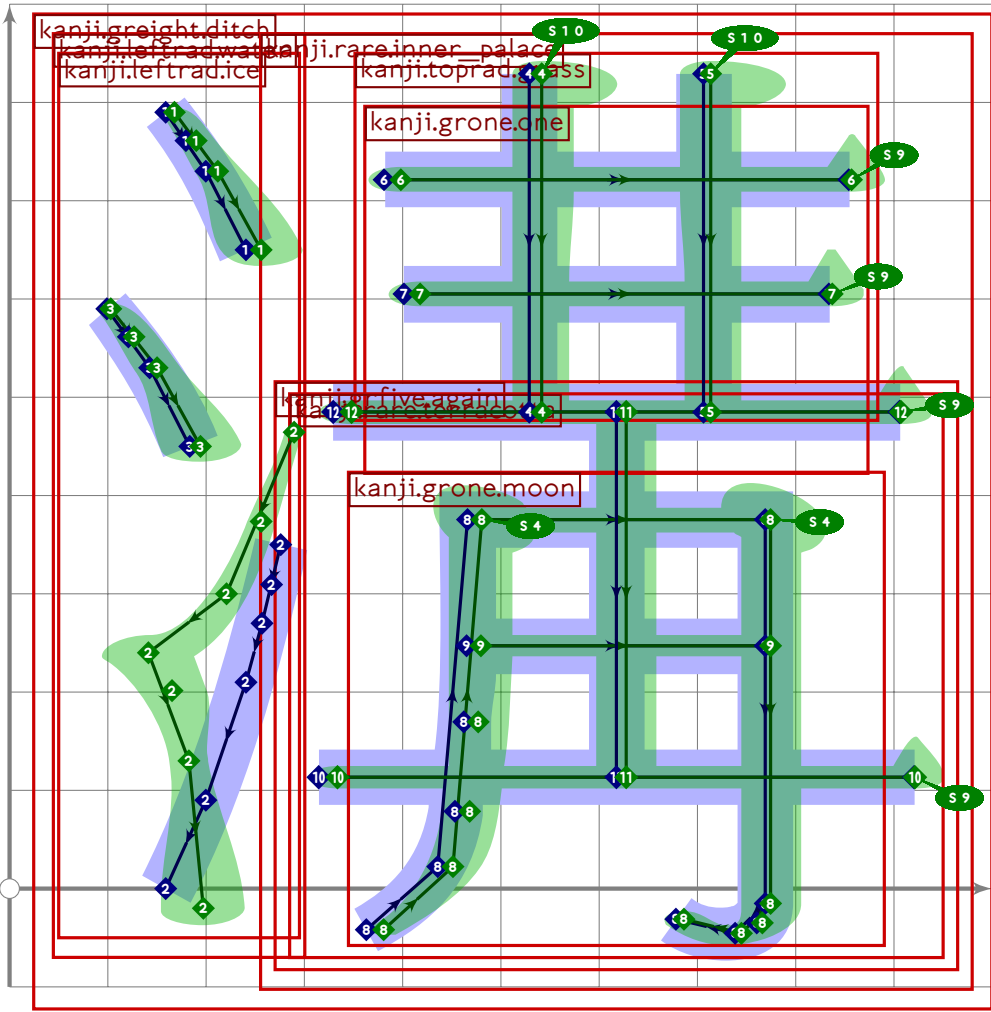
```
131
132 vardef kanji.grfive.semi =
133   push_pbox_toexpand("kanji.grfive.semi");
134   build_kanji.tb(280,0)
135     (kanji.rare.huai_river)
136     (kanji.grone.ten);
137   expand_pbox;
138 enddef;
139
140
```



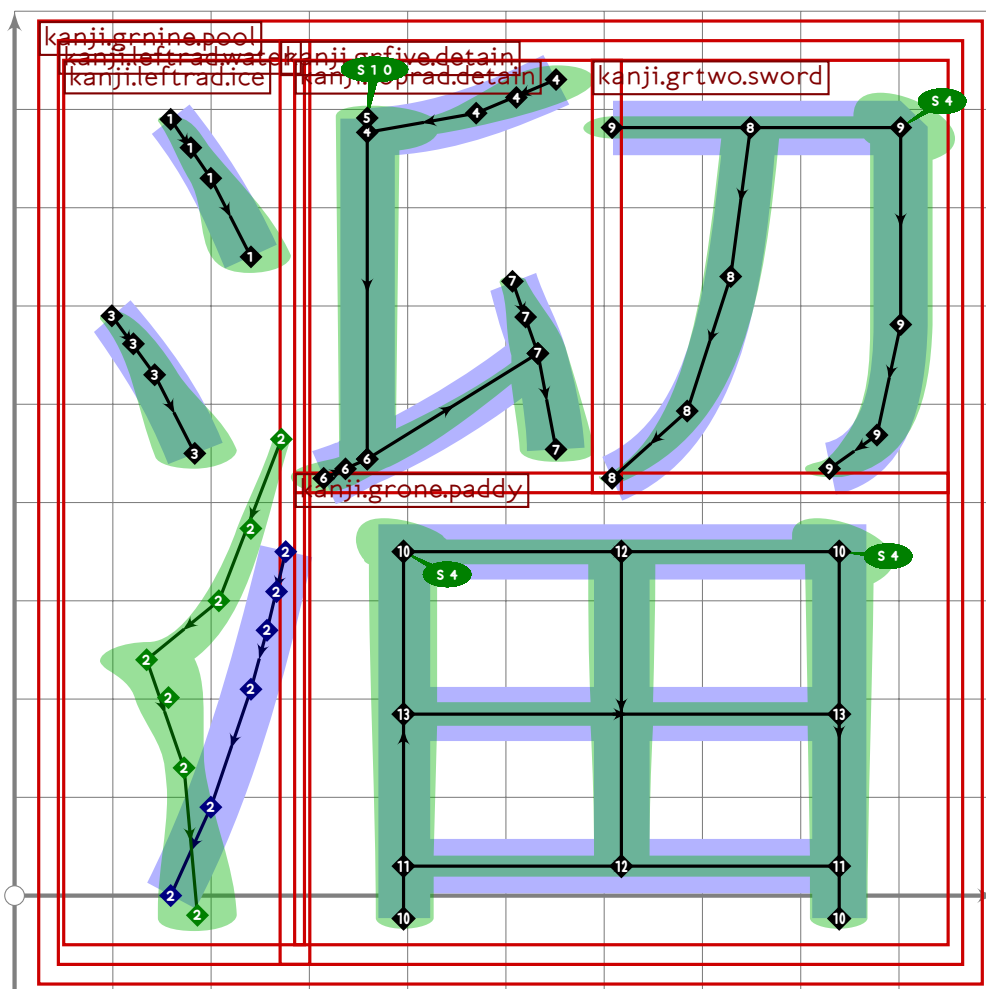
6E

```

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
```



```
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 beginsuglyph("uni6E05",5);
174   kanji.grfour.pure;
175   tsu_render;
176 endtsuglyph;

```

[see page 3465]

177

```

178 % gen/he "reduce"
179 beginsuglyph("uni6E1B",27);
180   kanji.grfive.reduce;
181   tsu_render;

```

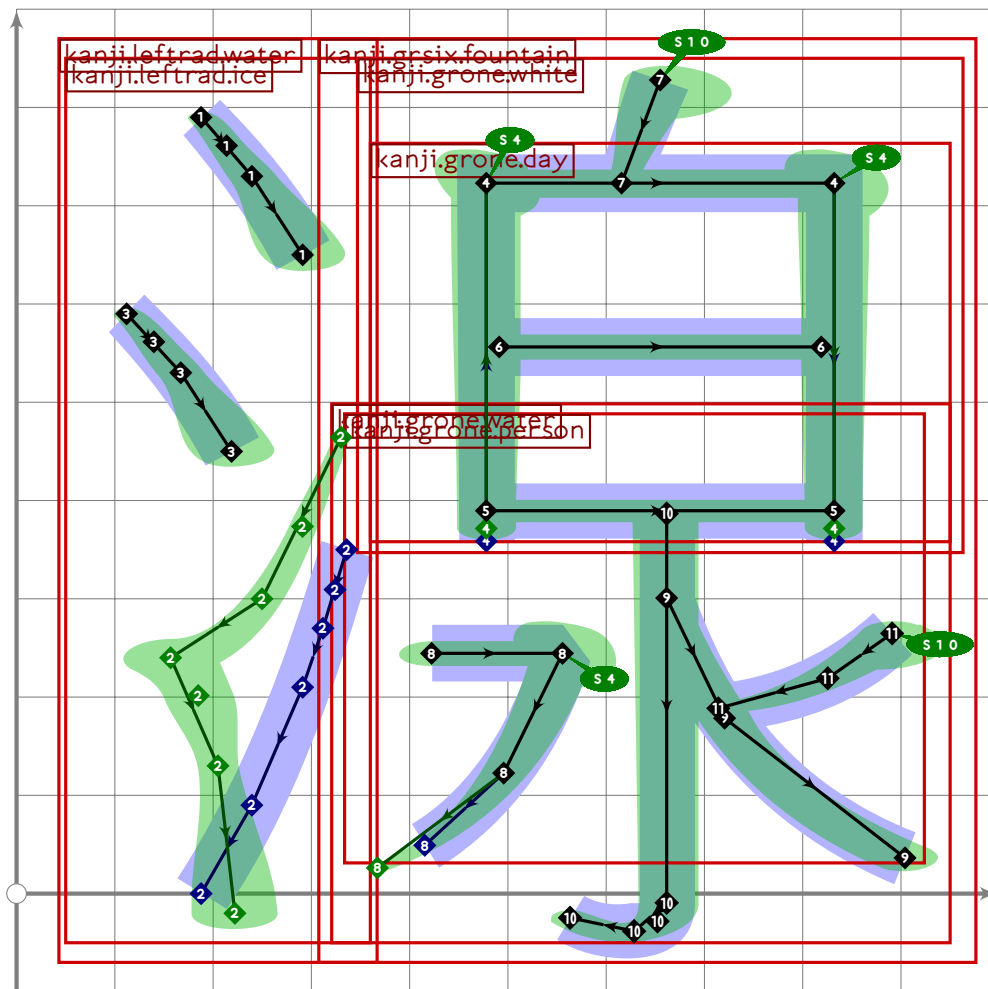
[see page 3467]

```

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/you "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

```





```

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

```

```

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

```

[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 endtsuglyph;

```

[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

6F

```
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 

---

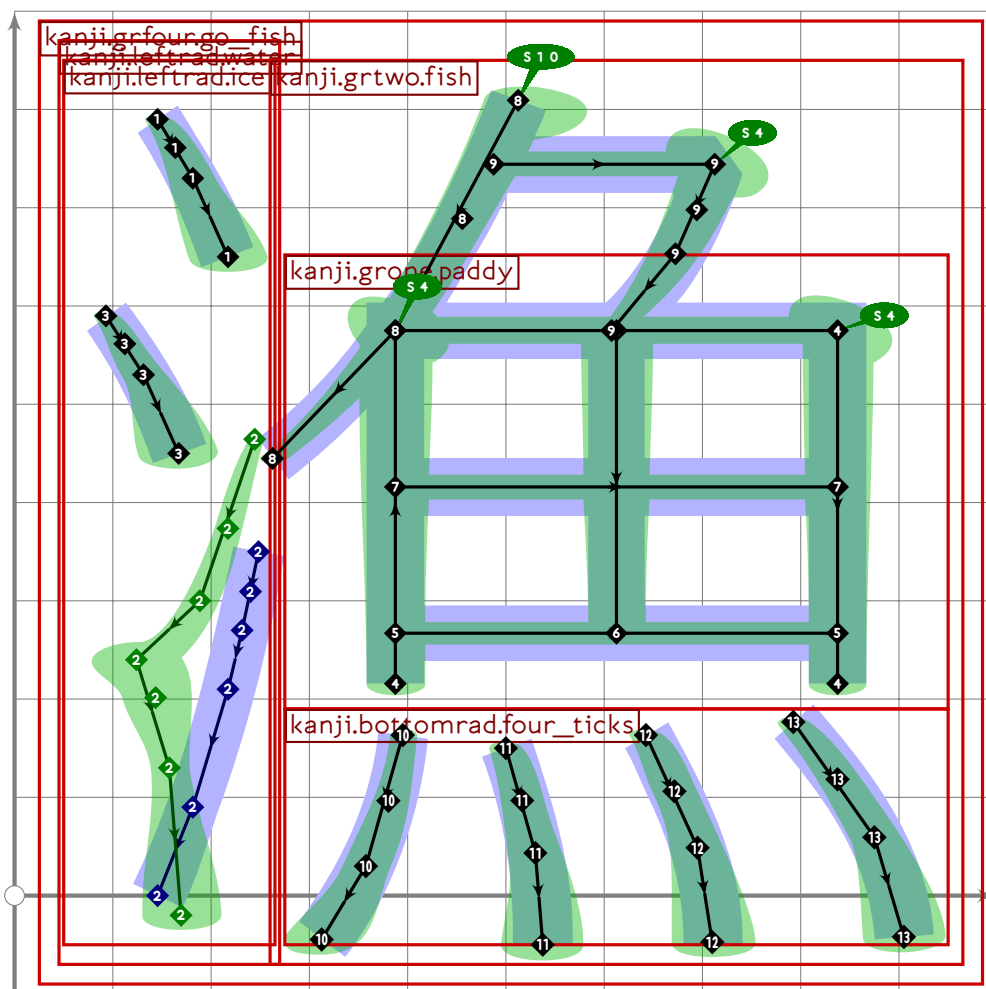

32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradesix.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48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

---


```

U+6F01  
tsuku.uni6F01

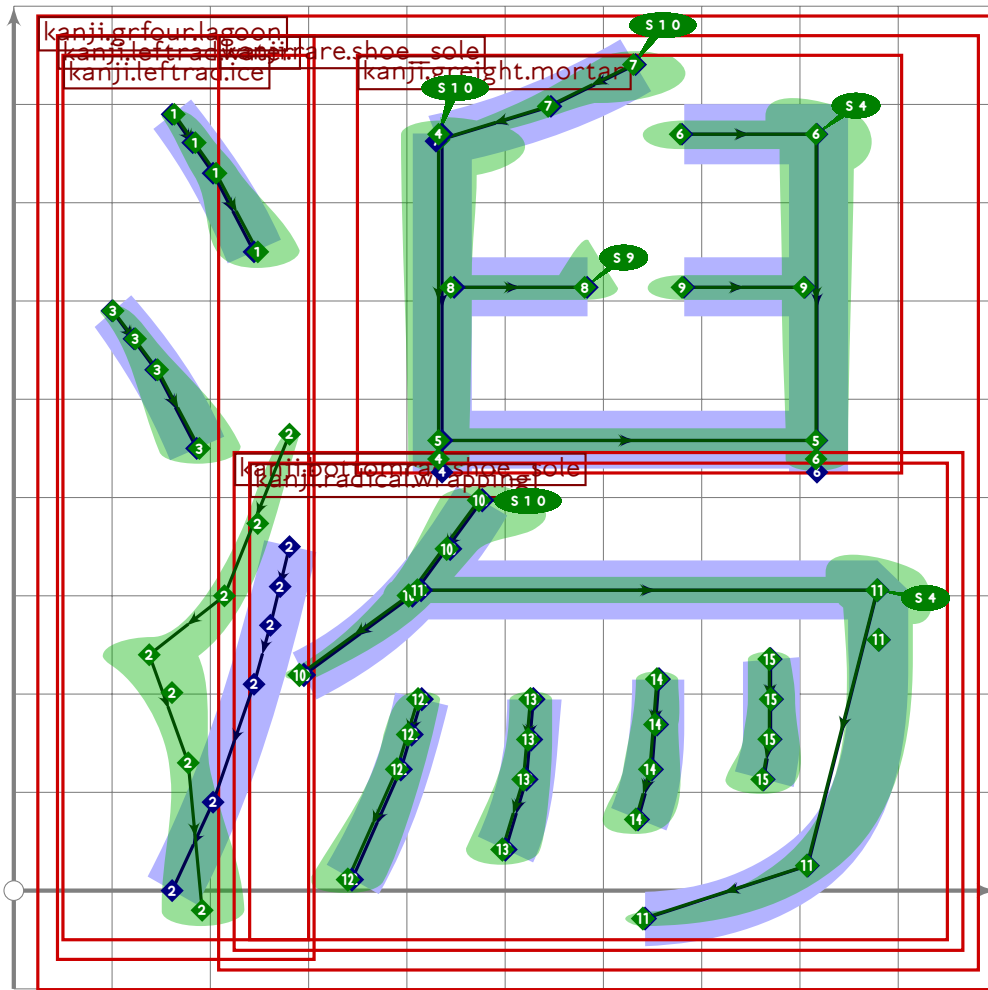
6F



```

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;

```

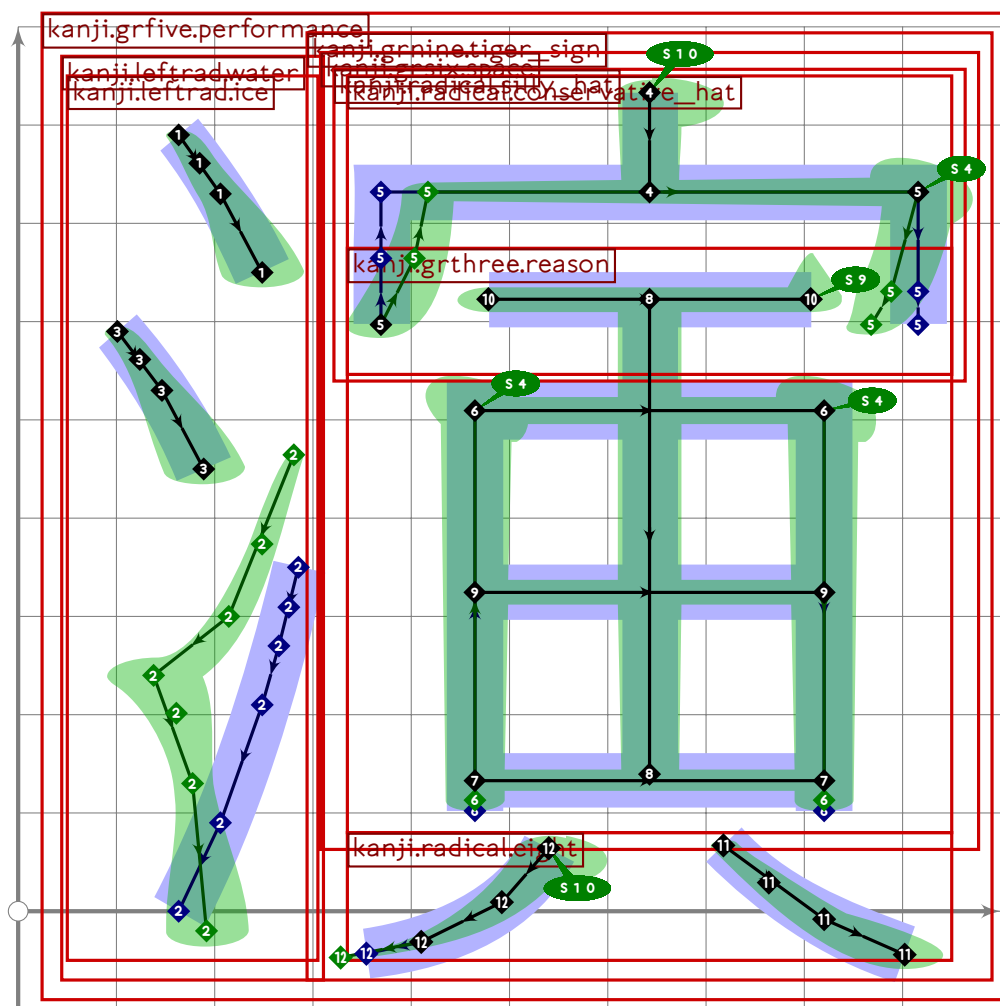


6F

```

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

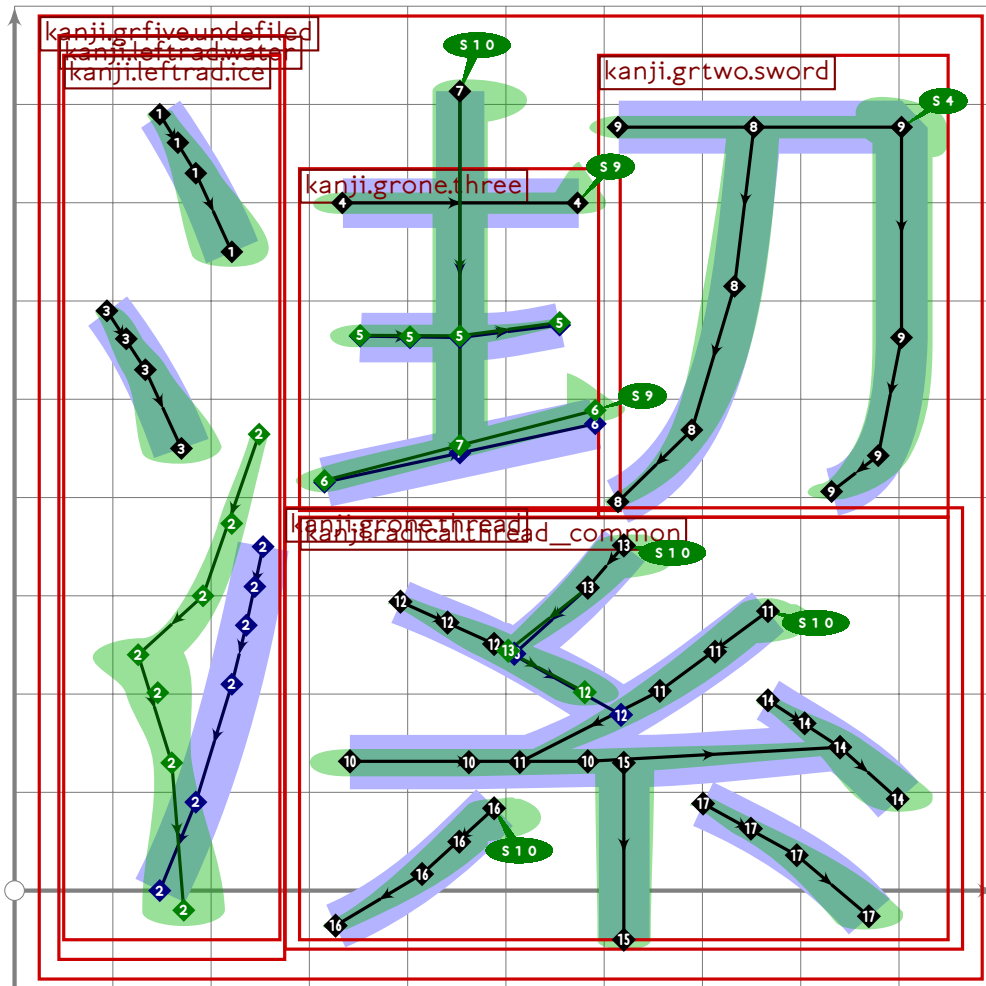
```



```

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

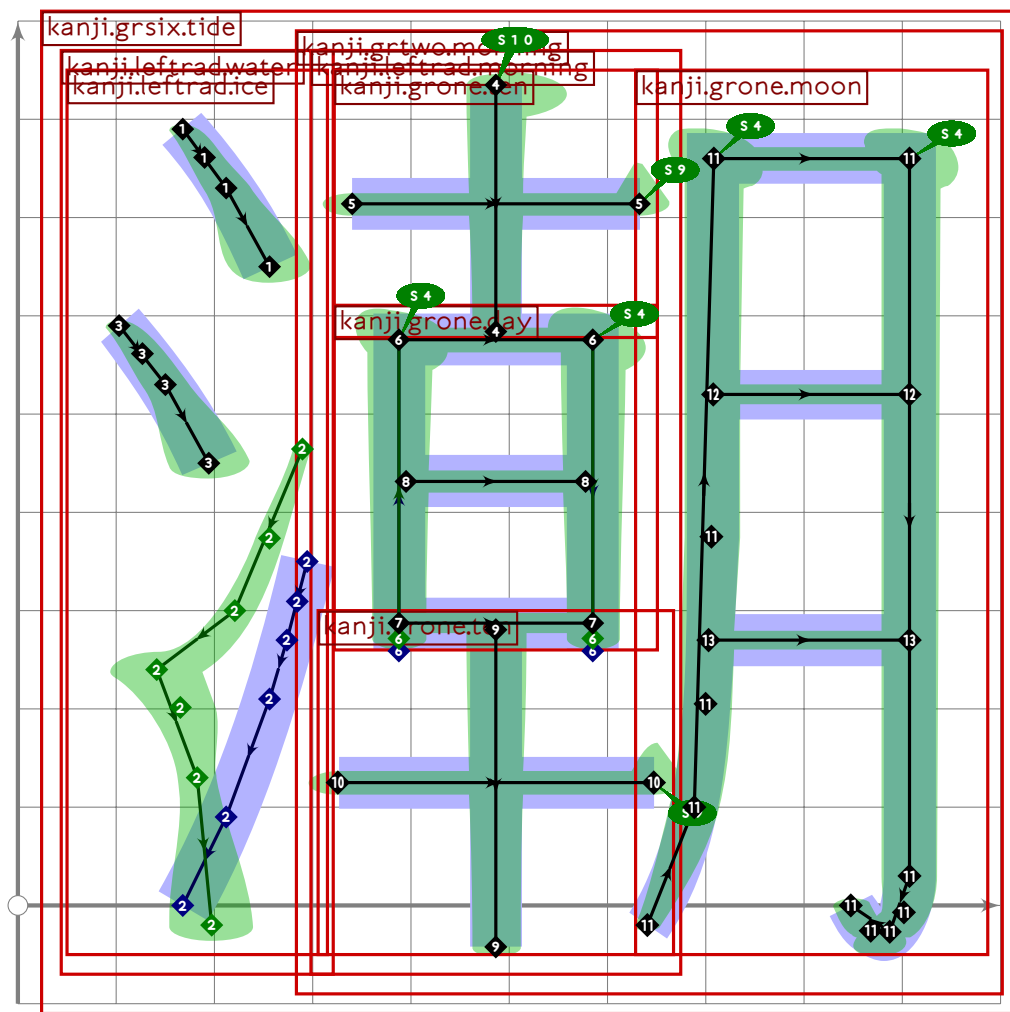
```



```

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

```



```

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;

```

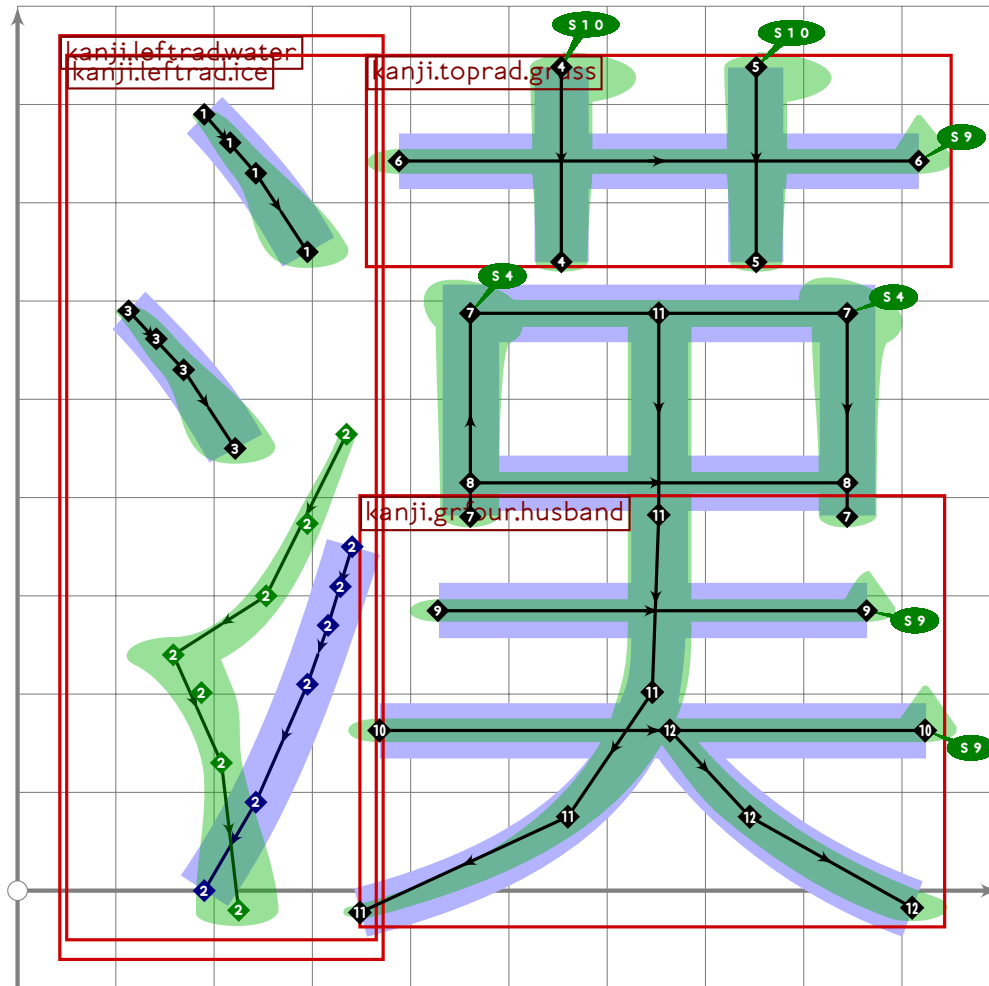
[see page 3476]

[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

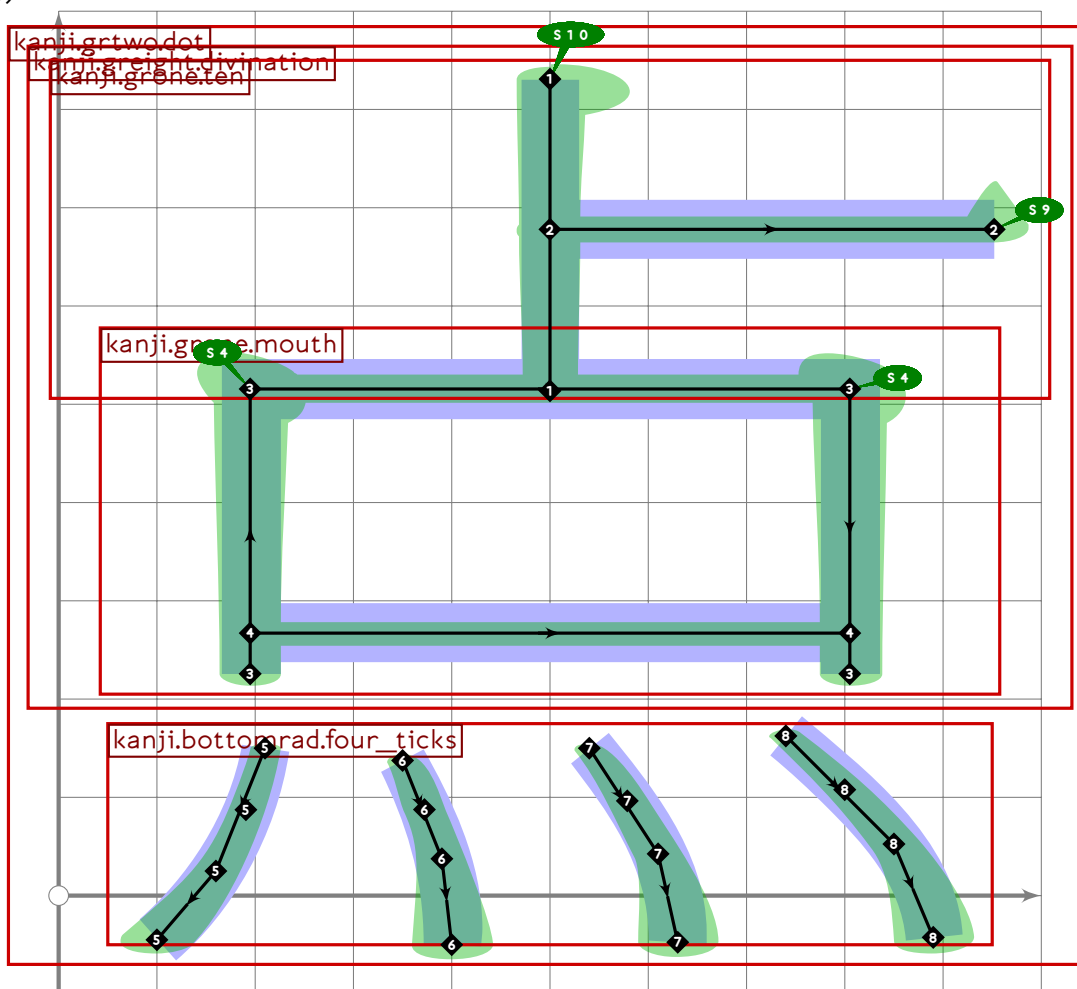
```
1 %
2 % Unicode page 70 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

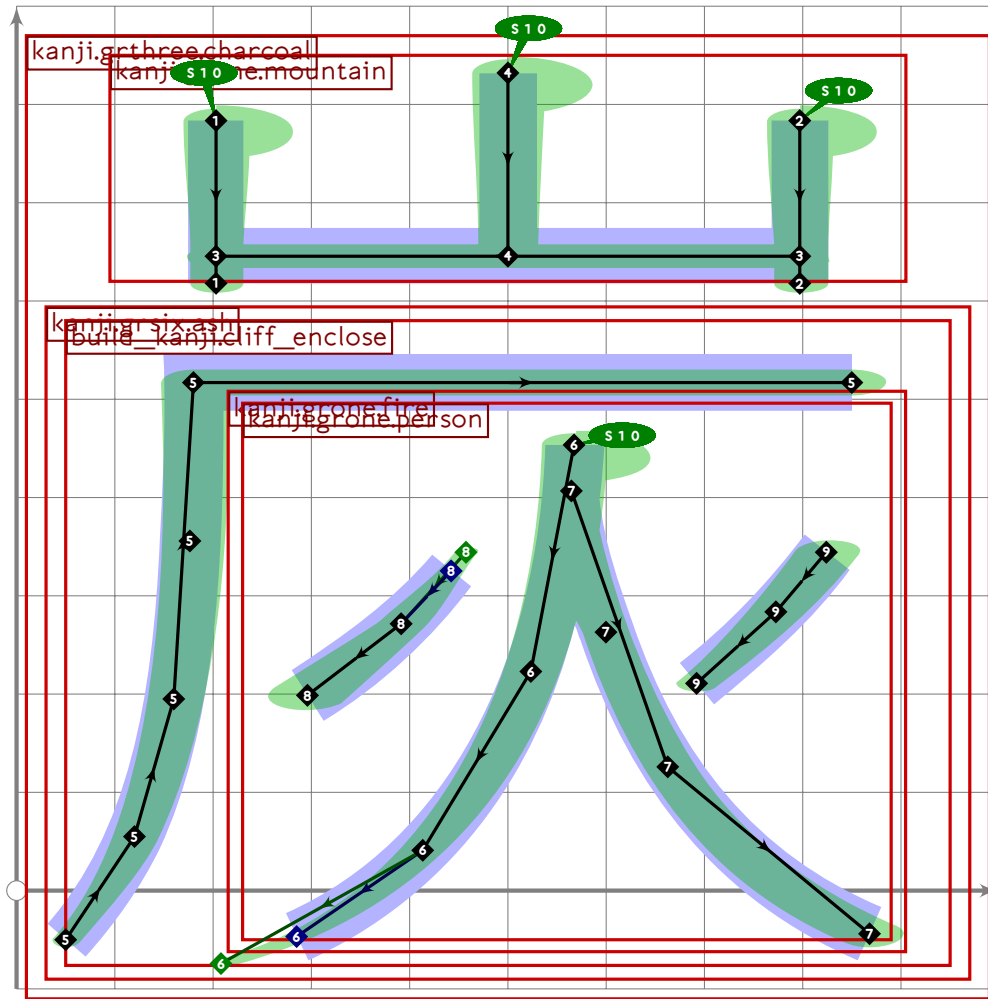

49
```



```

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

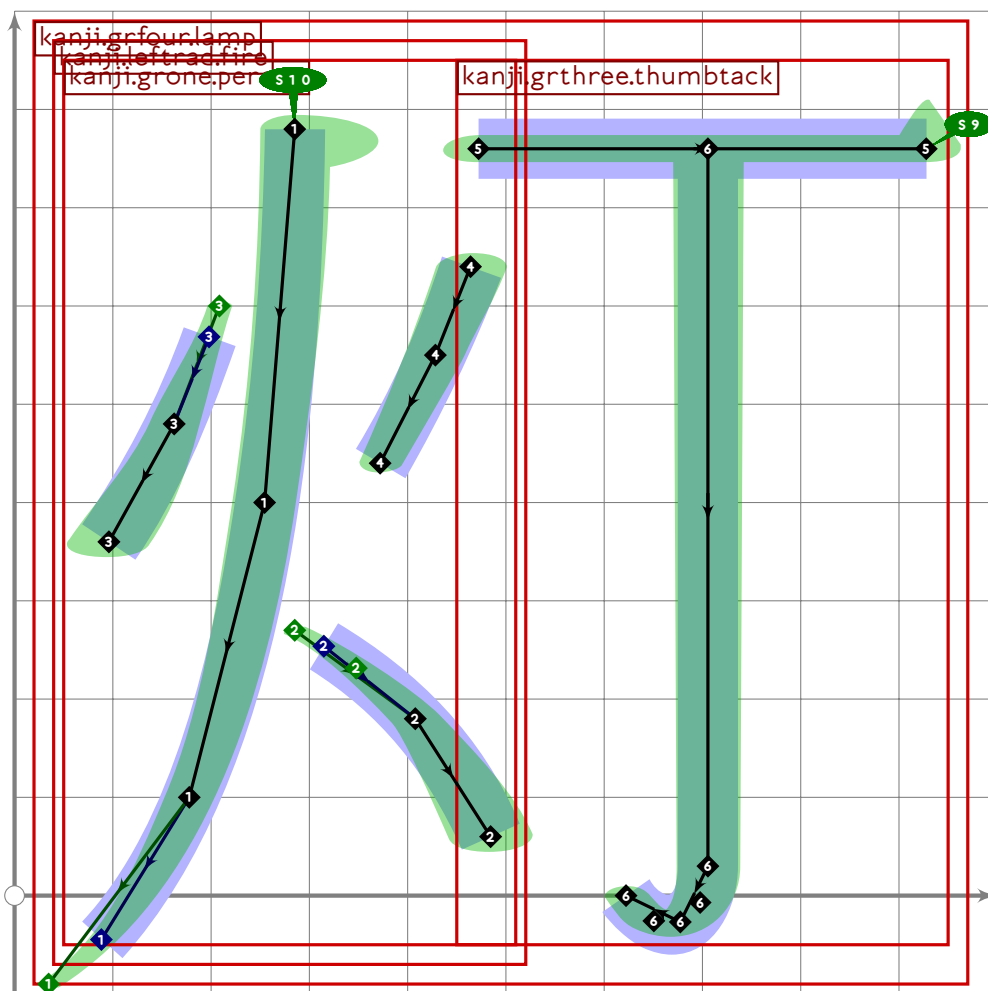
```



```

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

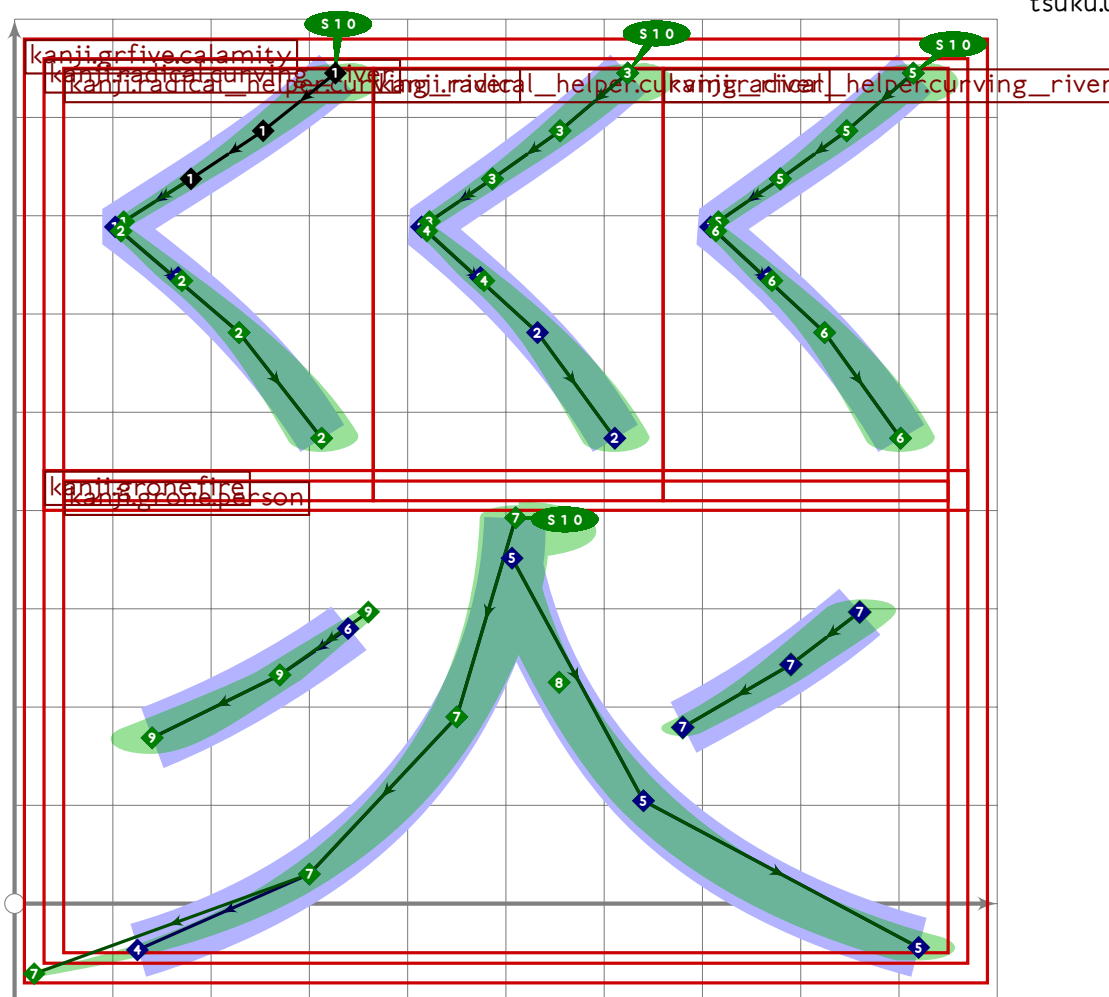
```



```

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 beginsuglyph("uni706B",107);
94   kanji.grone.fire;
95   tsu_render;
96 endtsuglyph;
97
98 % tou/hi "lamp"
99 beginsuglyph("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

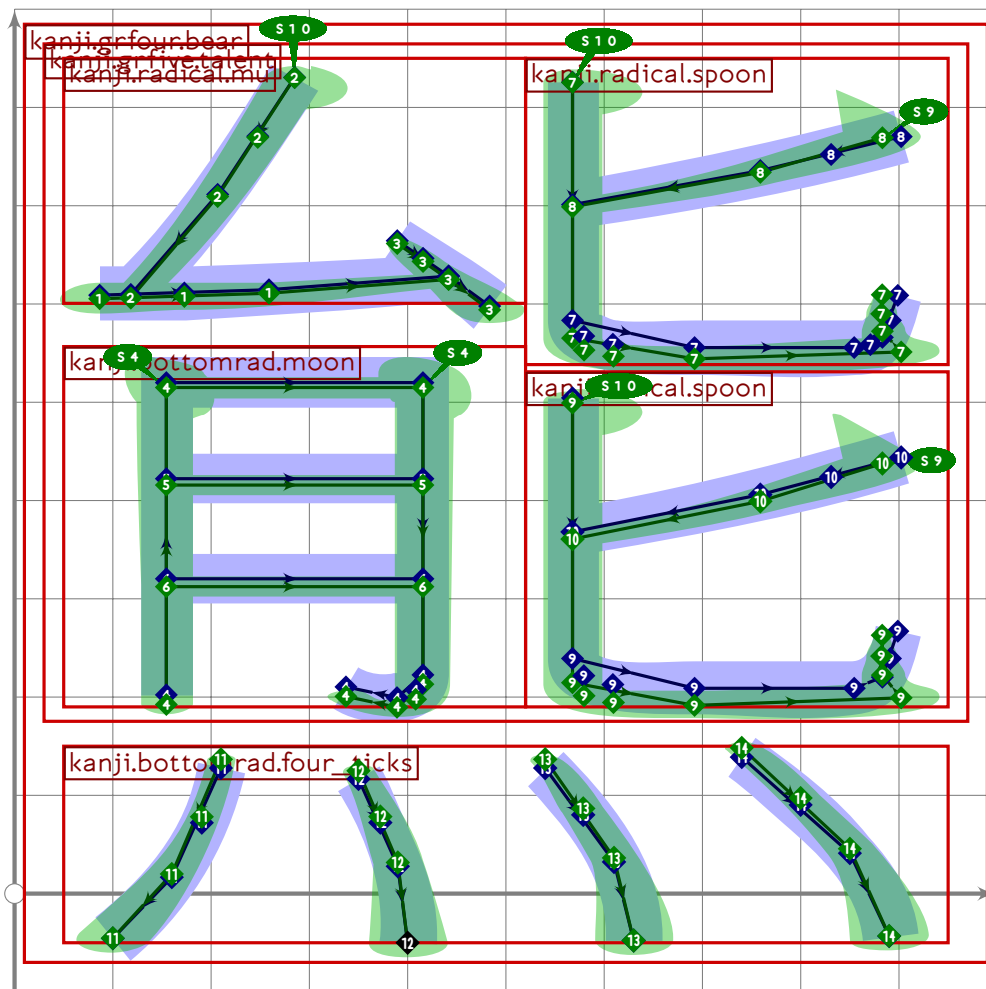
```
1 %
2 % Unicode page 71 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013, 2014, 2016, 2017, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

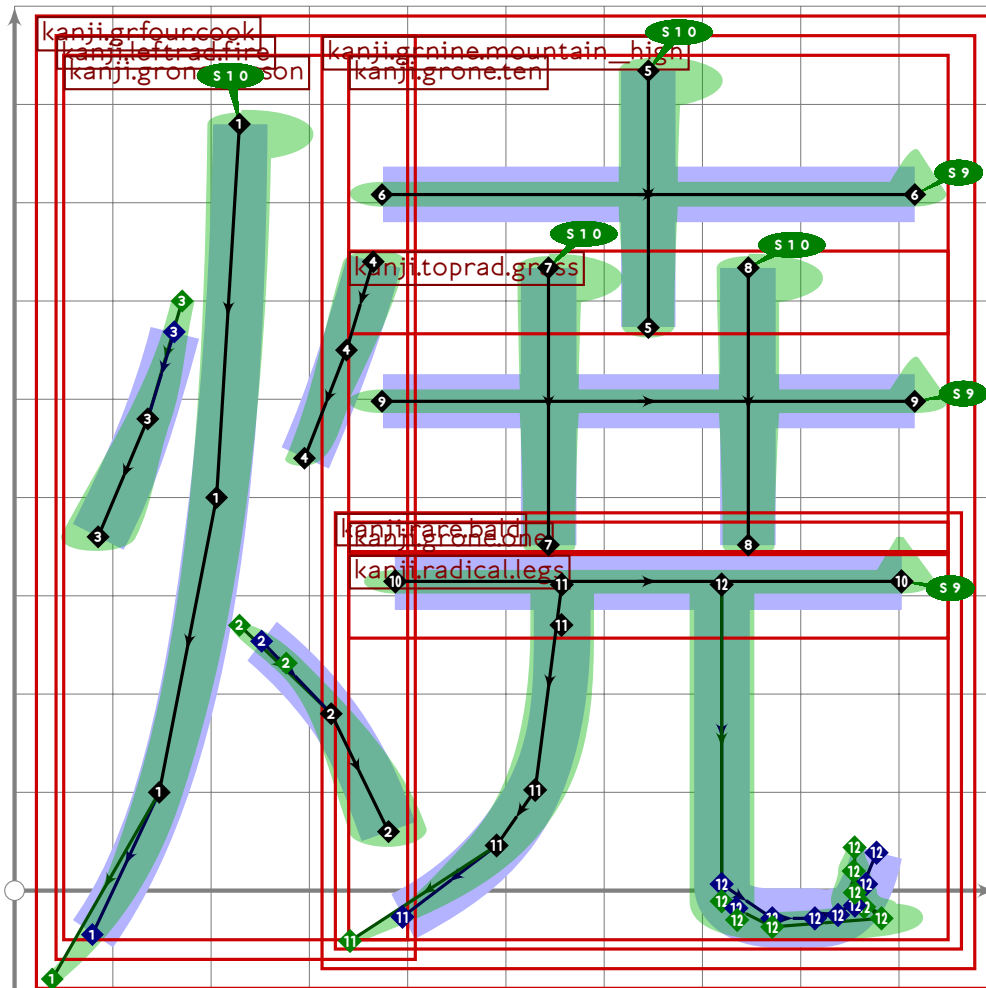

```



```

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;

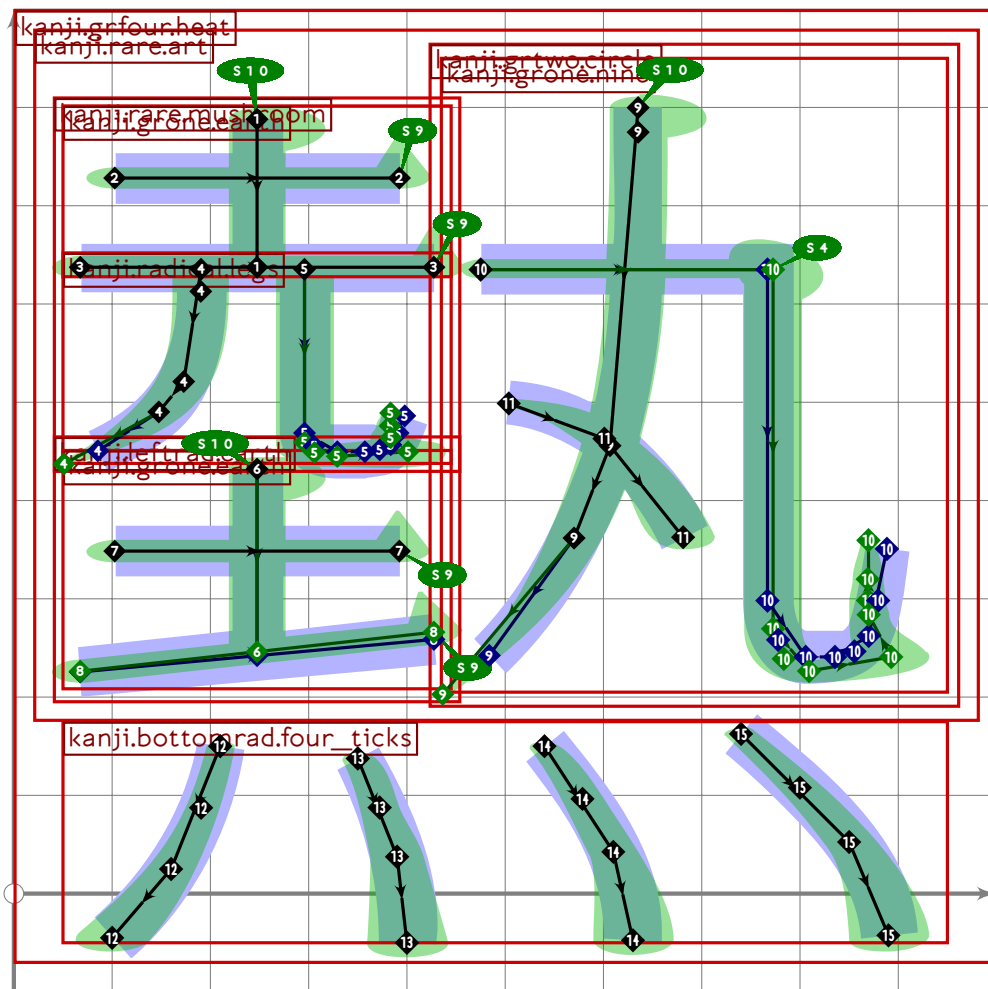
```



```

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;

```

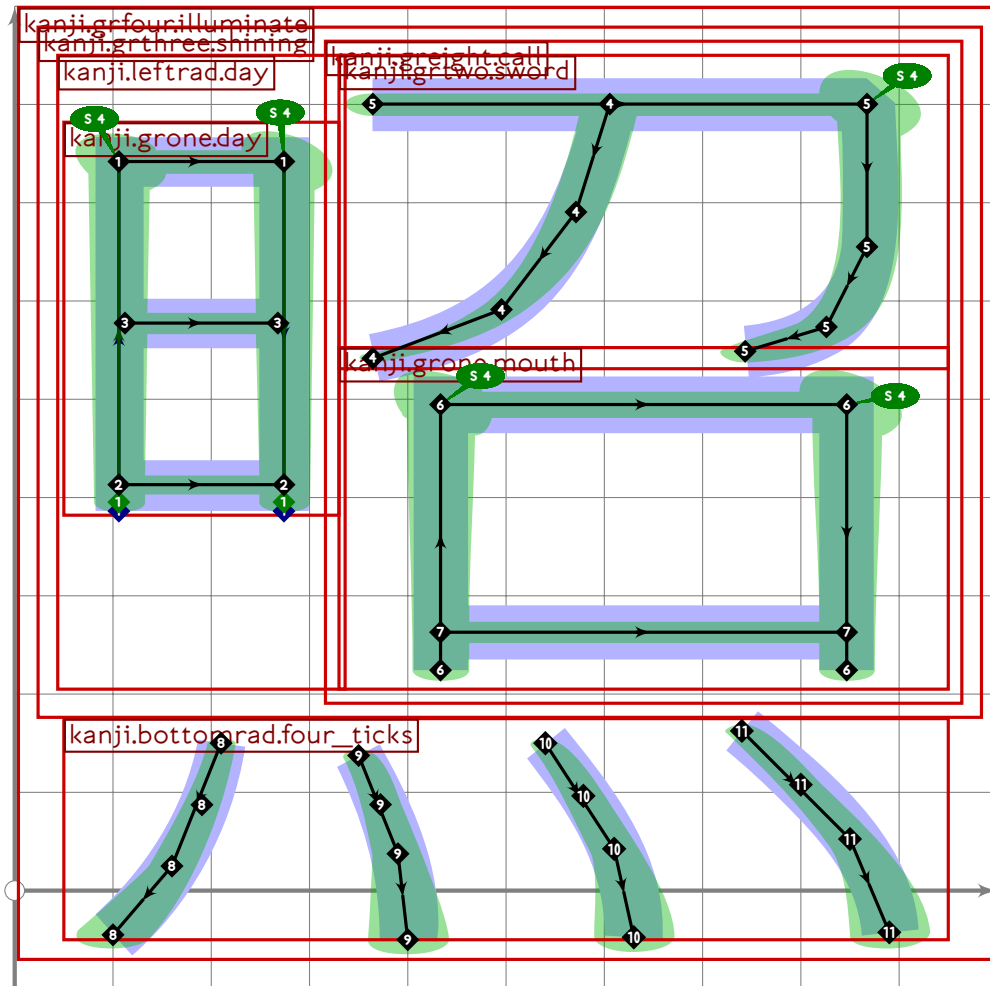


71

```

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;

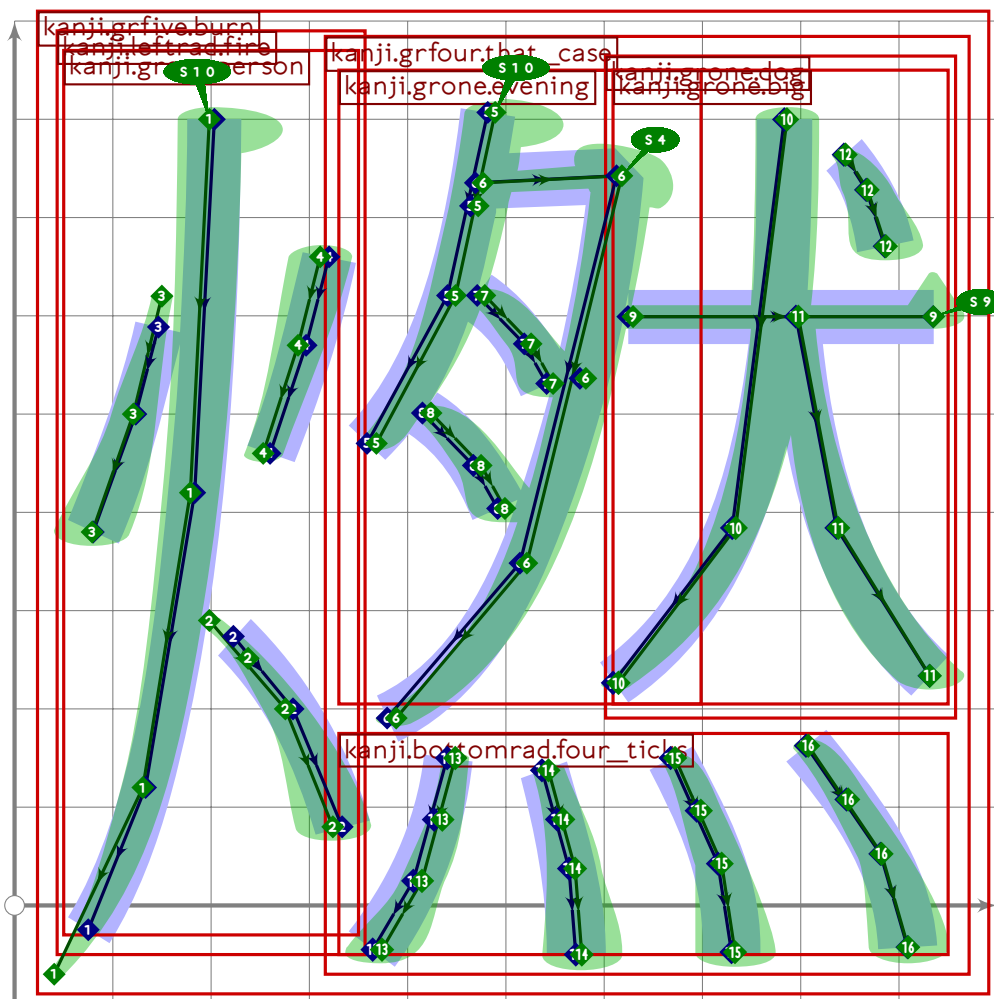
```



```

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

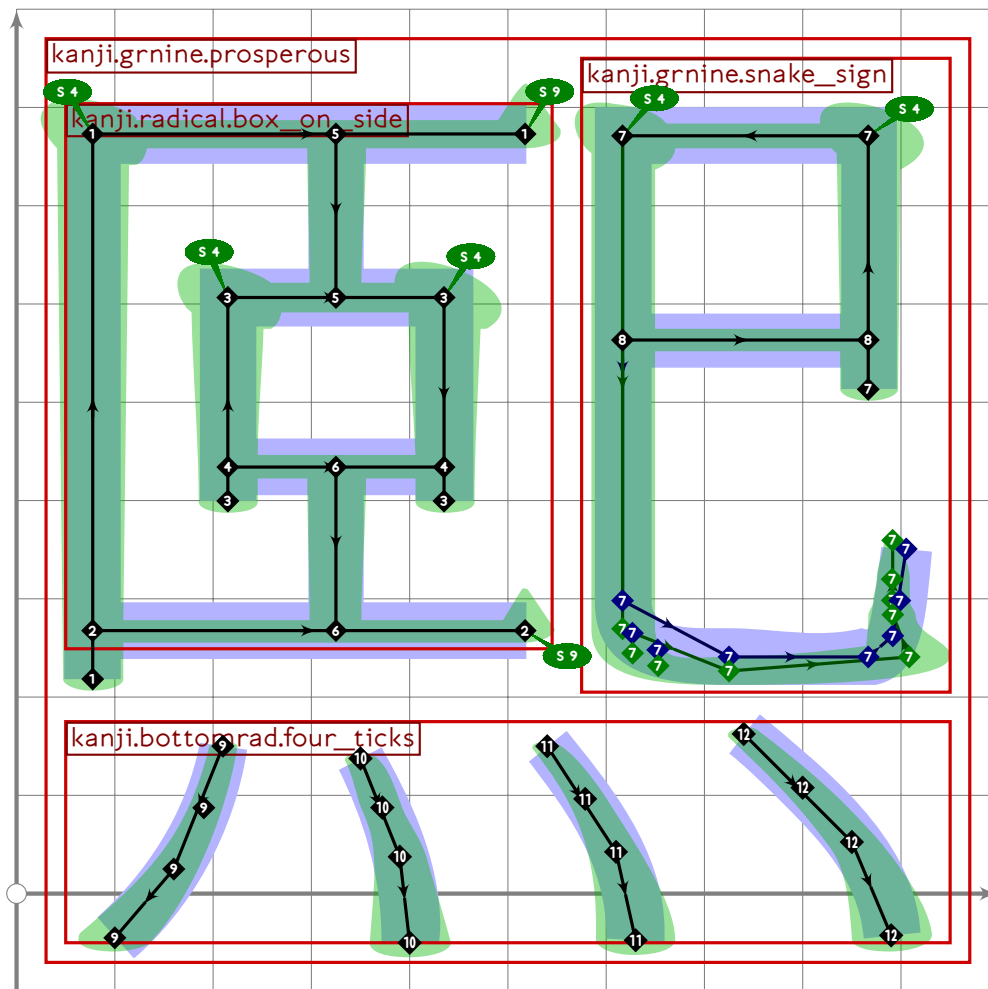
```



```

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

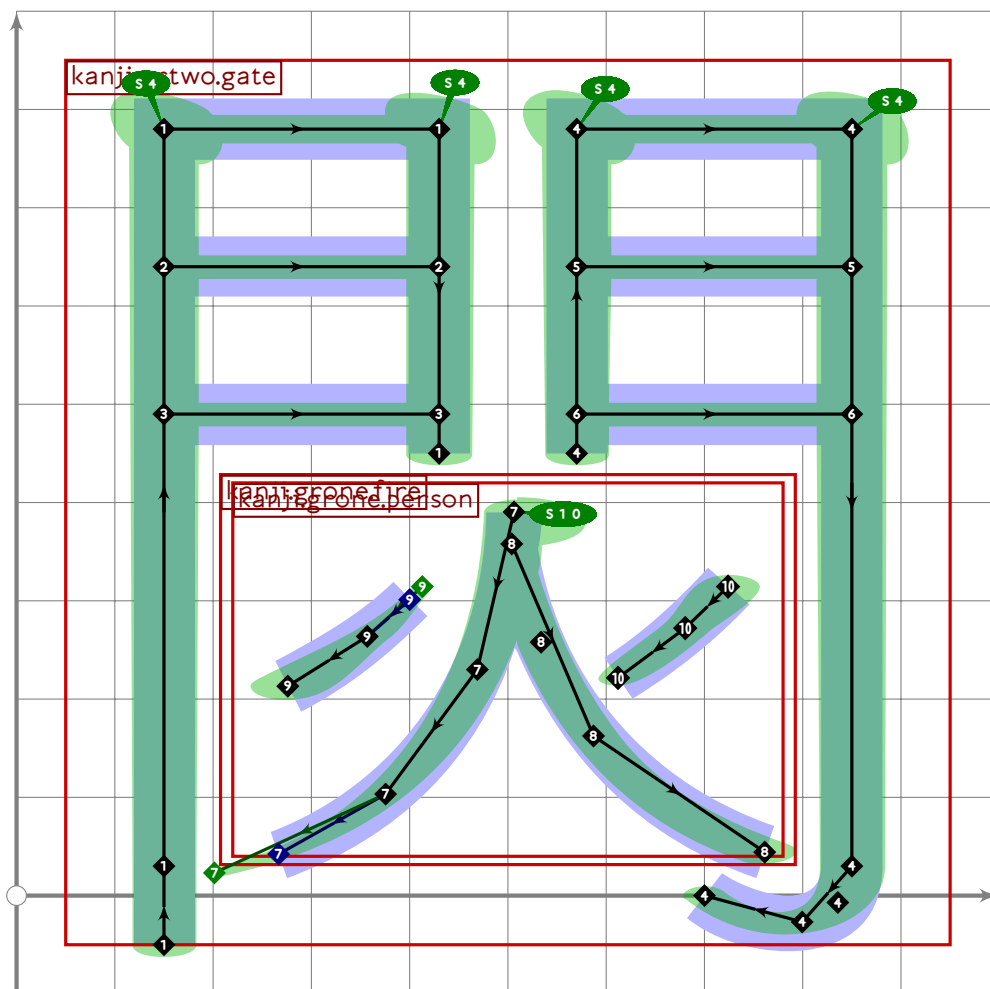
```



```

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

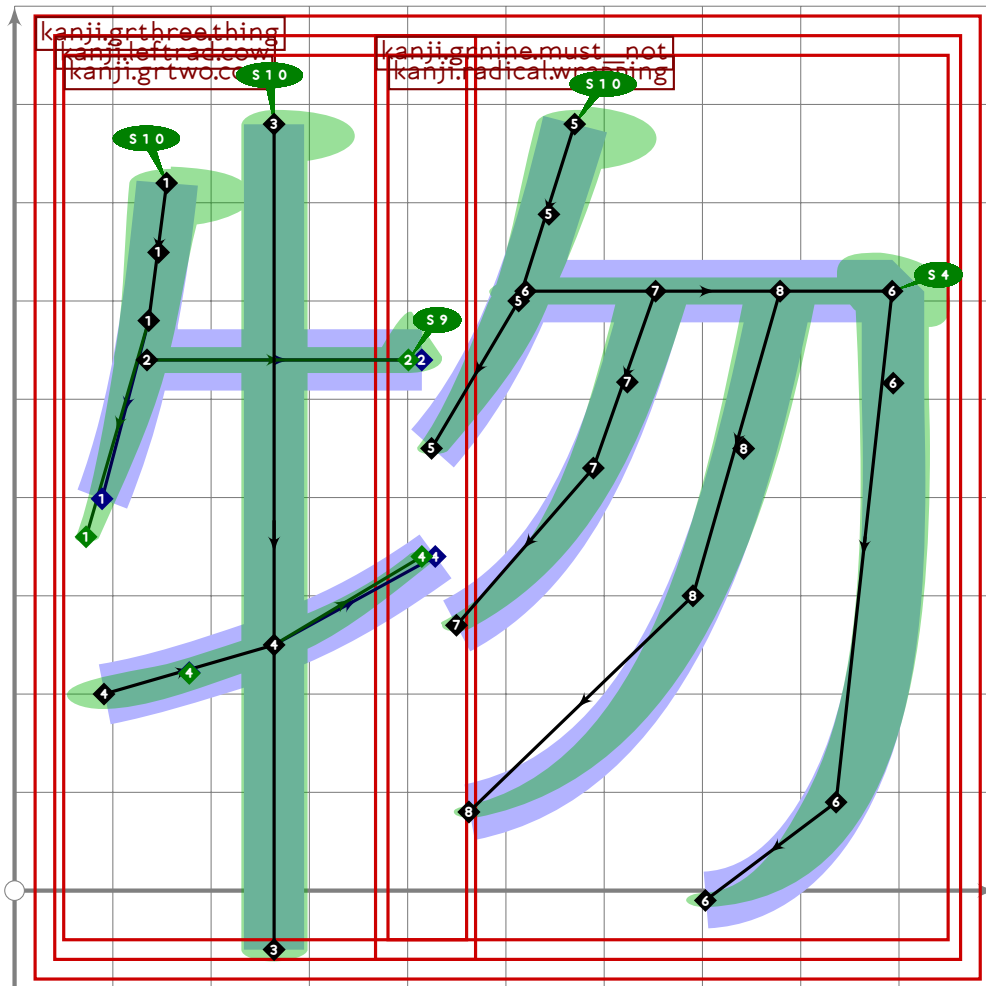
```
1 %
2 % Unicode page 72 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

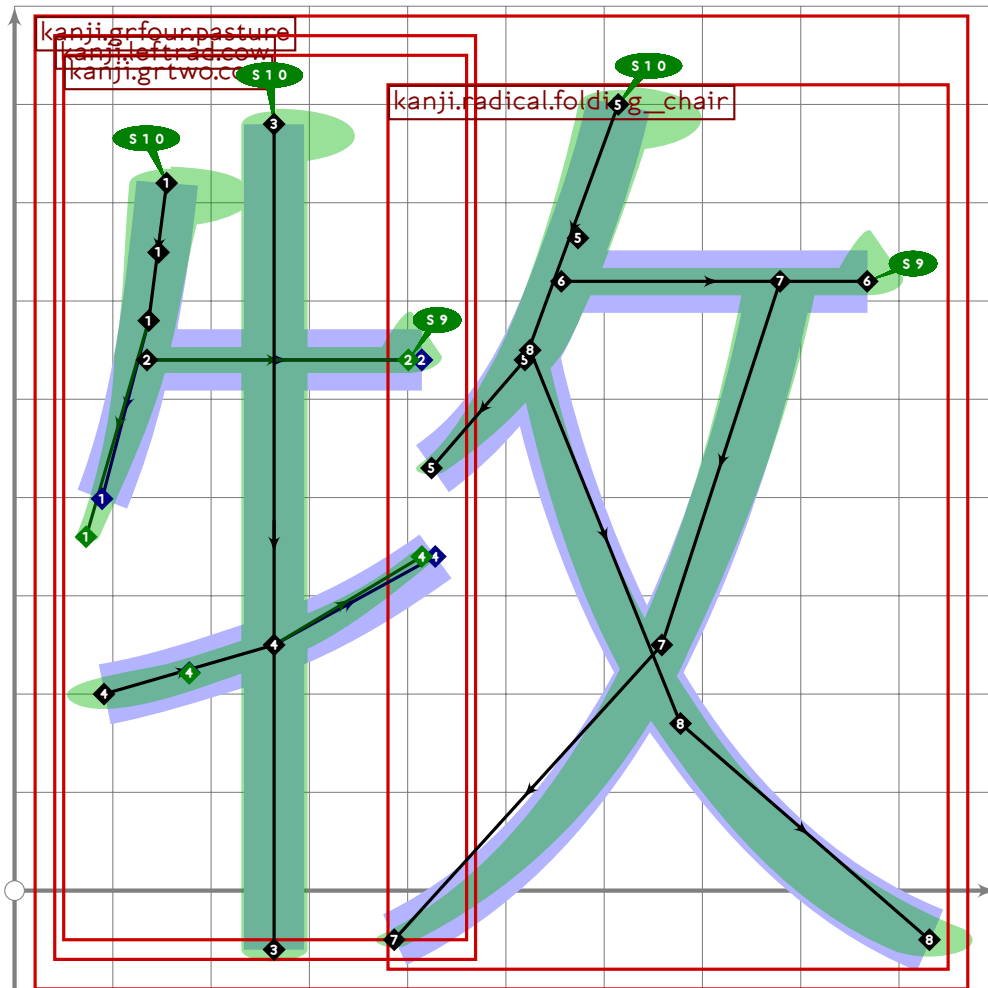

```



```

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

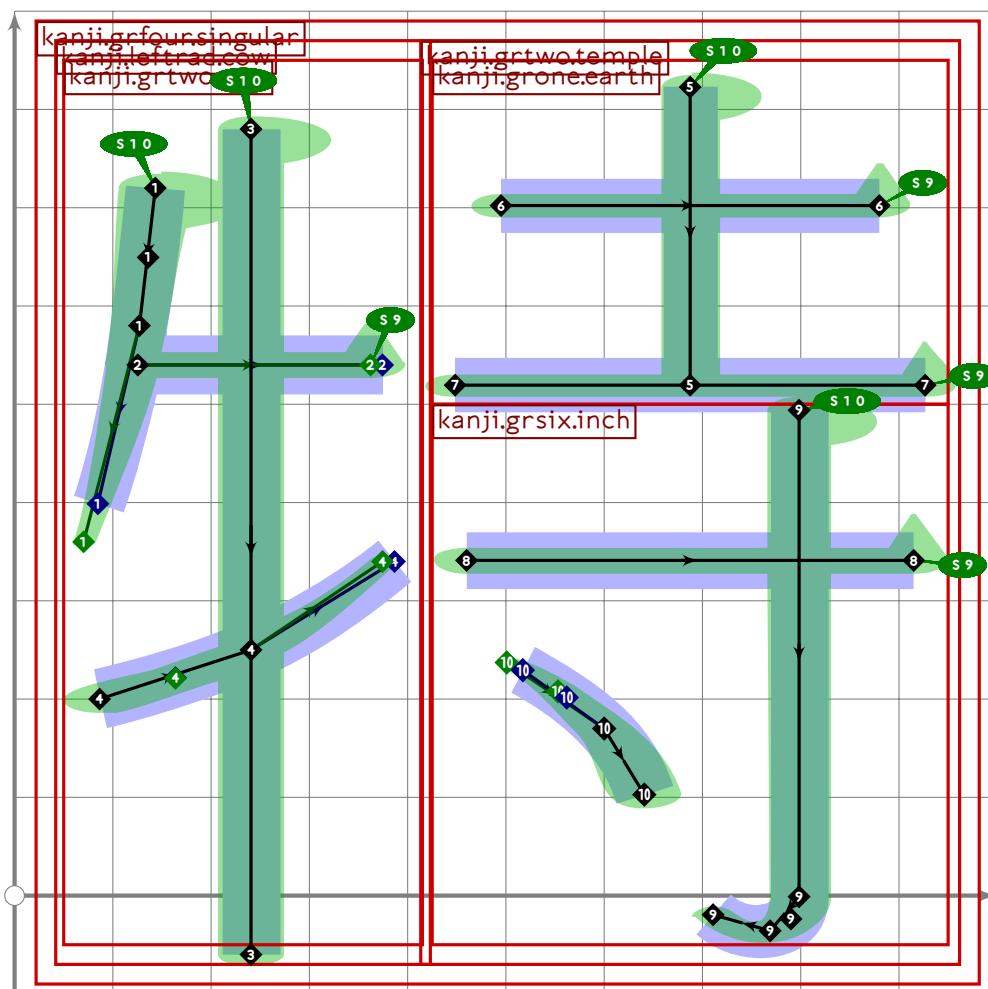
```



```

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

```

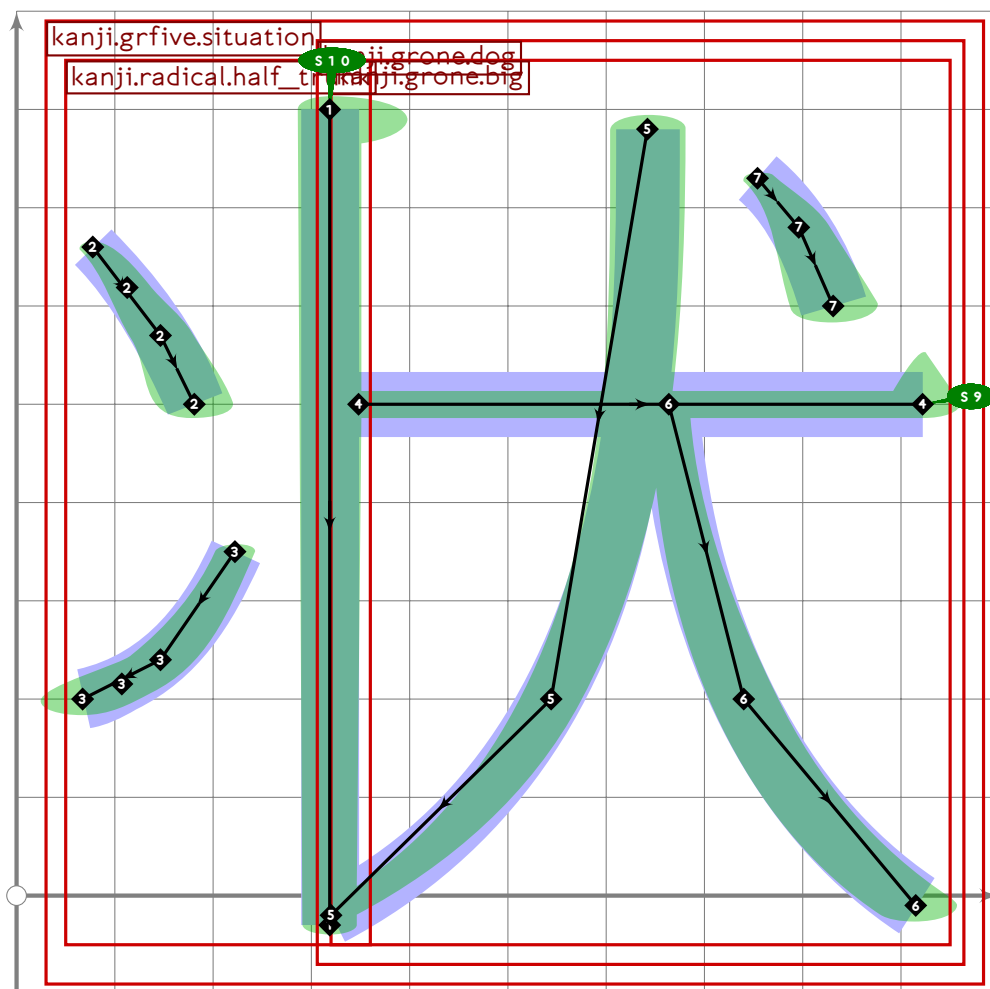


```

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

```

U+72B6  
tsuku.uni72B6

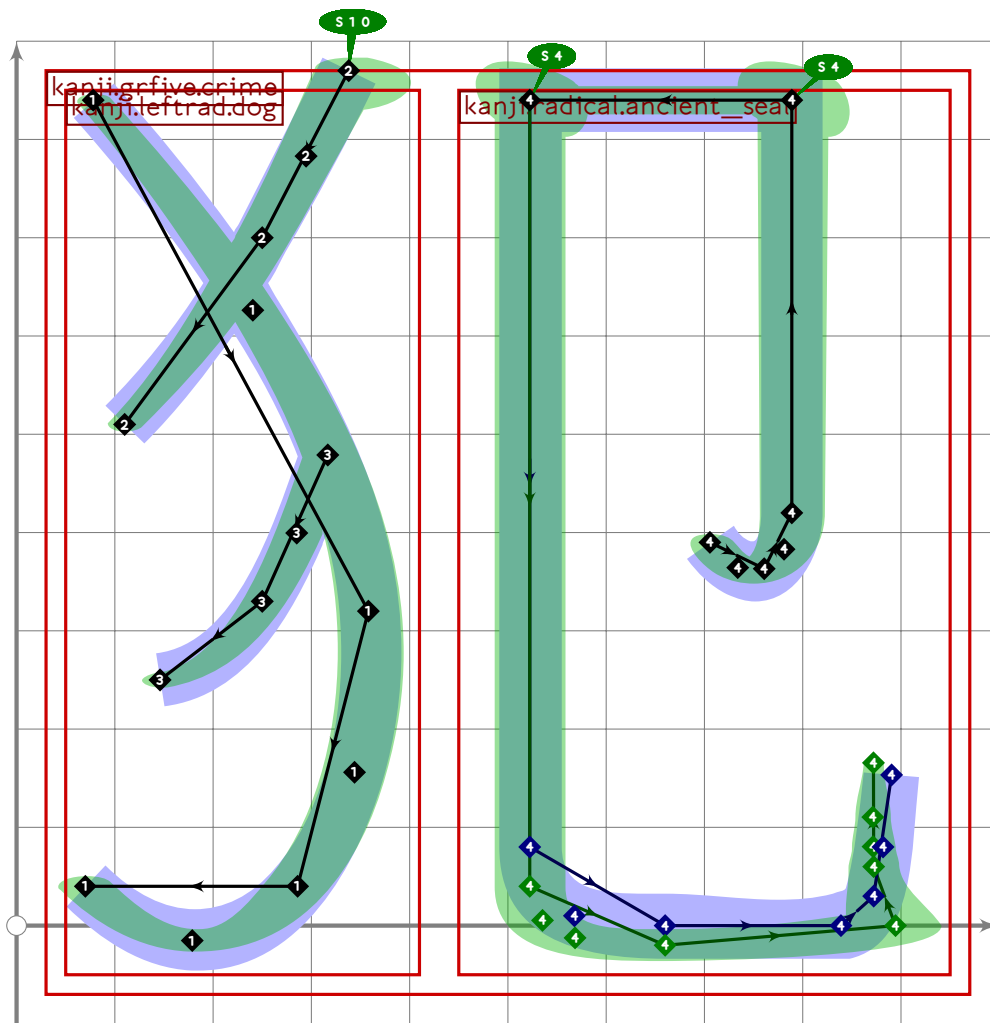


72

```

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;

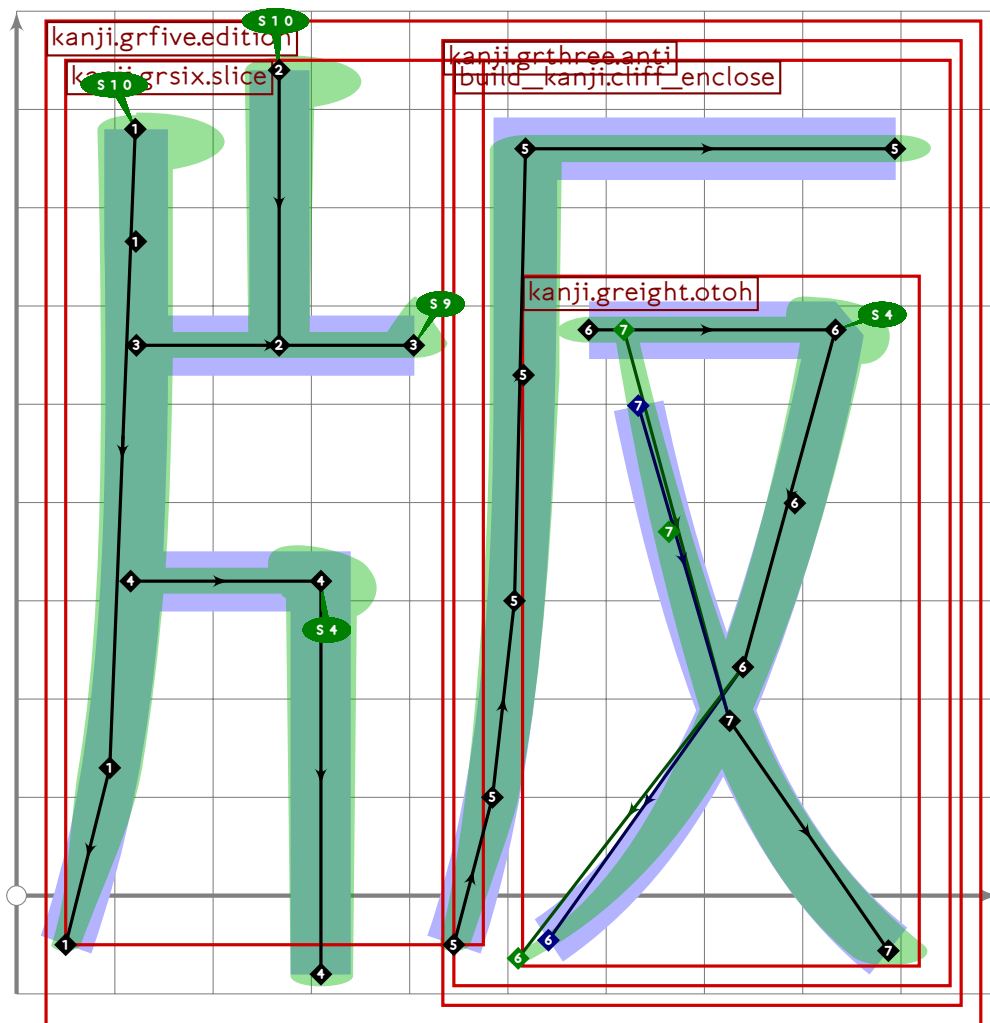
```



```

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;

```

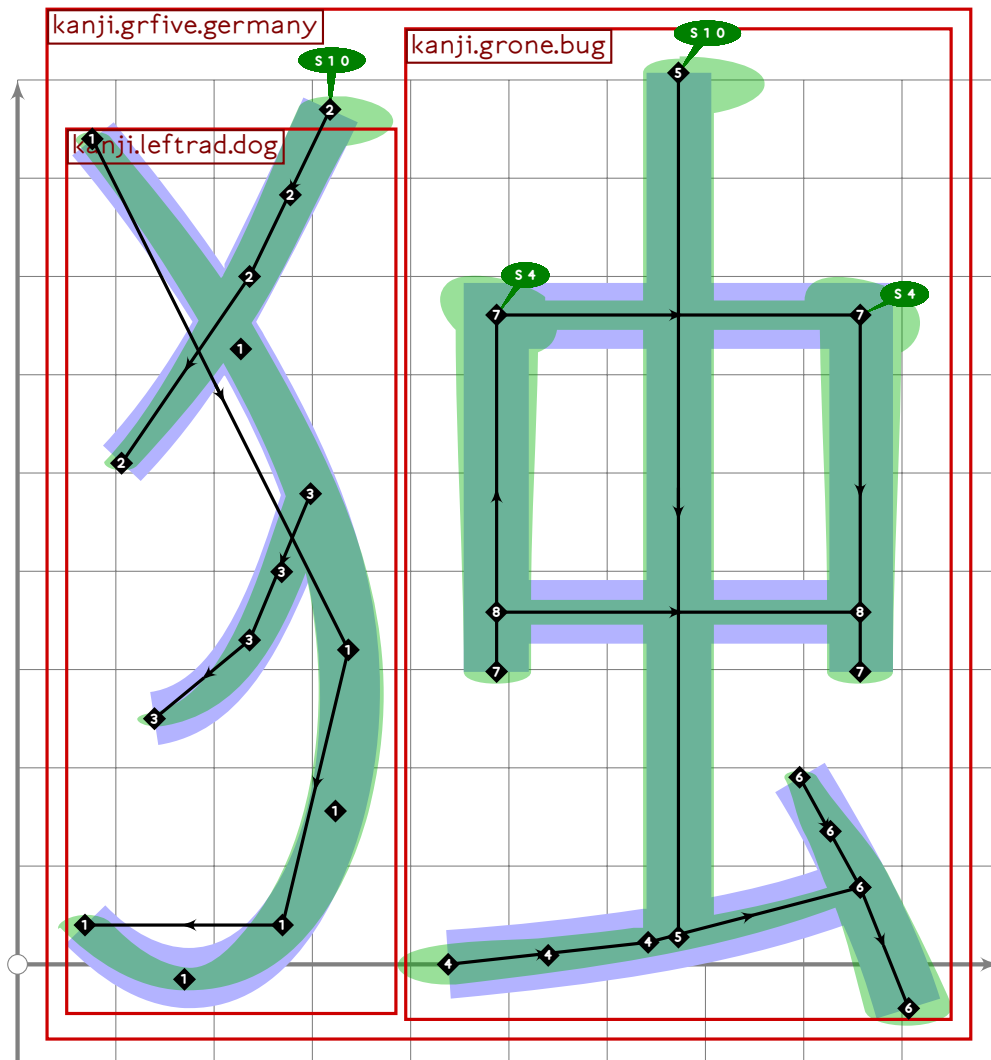


```

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;

```

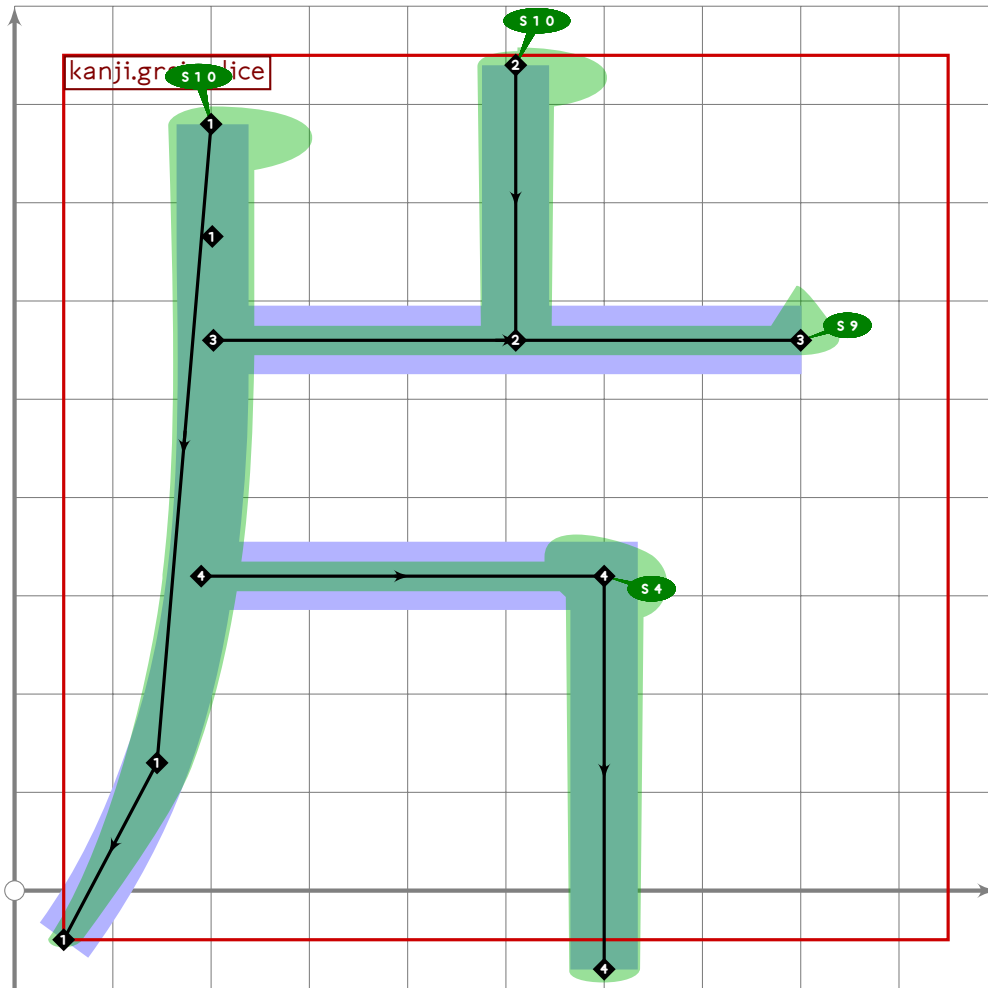




```

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

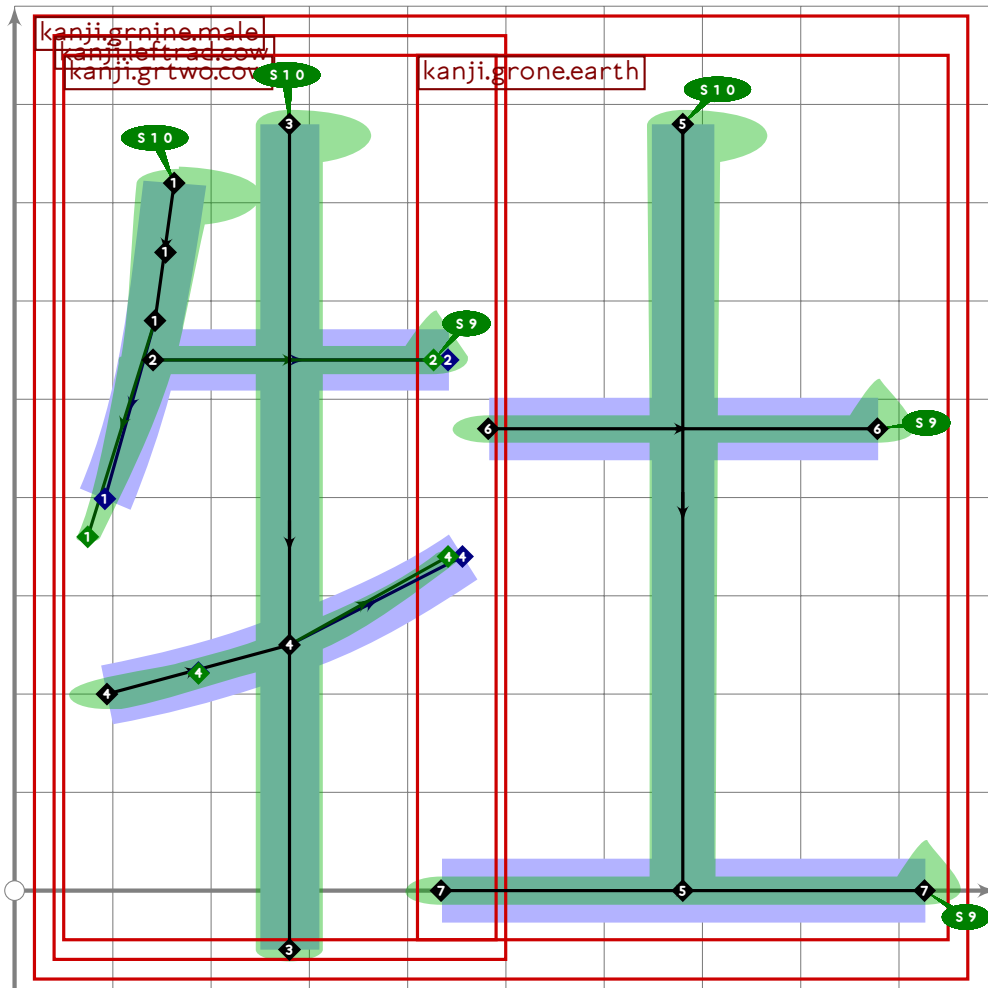
```



```

112
113 vardef kanji.grsix.slice =
114   push_pbox_toexpand("kanji.grsix.slice");
115   push_stroke((200,780){down}..(145,130)..(50,50),
116     (1,7,7)-(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_stroke(-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_stroke(-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

```



```

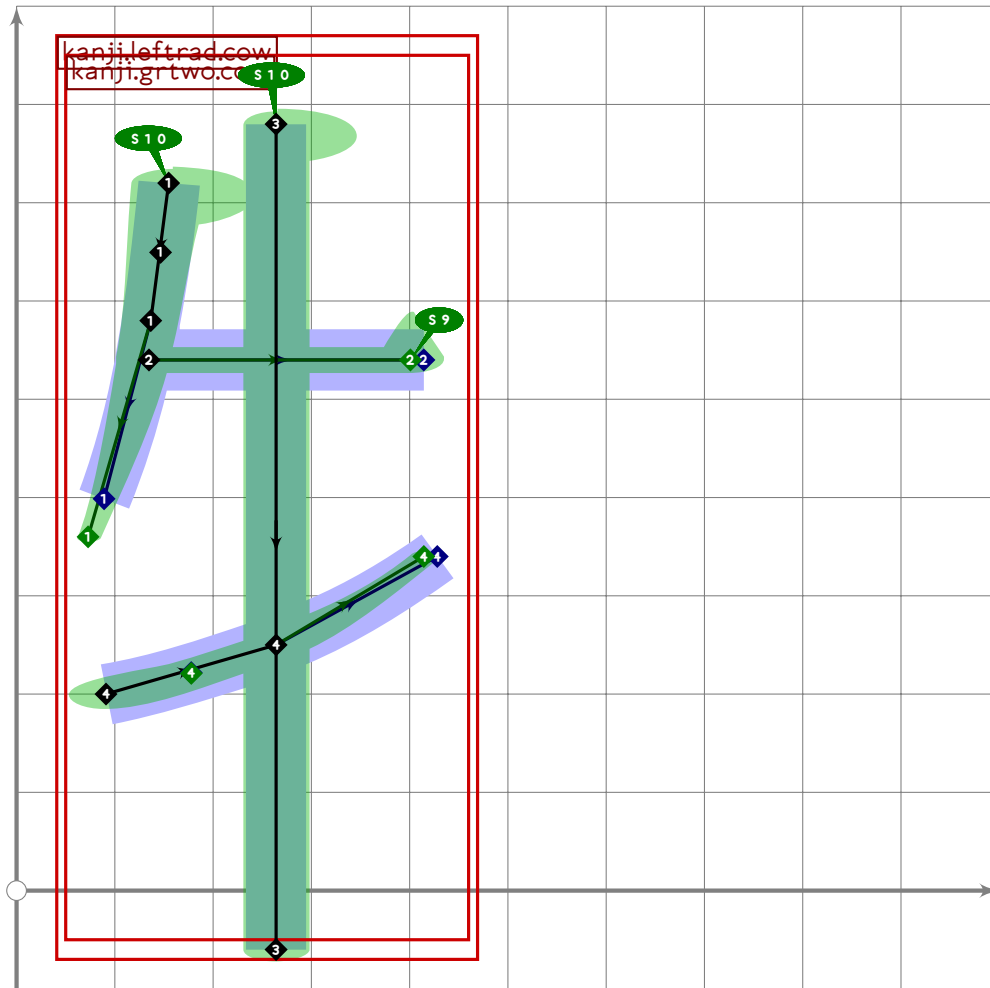
133
134 vardef kanji.grnine.male =
135   push_pbox_toexpand("kanji.grnine.male");
136   build_kanji.lr(450,80)
137   (kanji.leftrad.cow)
138   (kanji.grone.earth);
139   expand_pbox;
140 enddef;
141
142
143
144 vardef kanji.leftrad.cow =
145   push_pbox_toexpand("kanji.leftrad.cow");
146   kanji.grtwo.cow;
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)-(14,14));
158 push_stroke((770,870)..tension 1.2..(550,700)..(200,510),
159     (1.6,1.6)-(14,14)-(1,1,1));
160 set_boserif(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

```

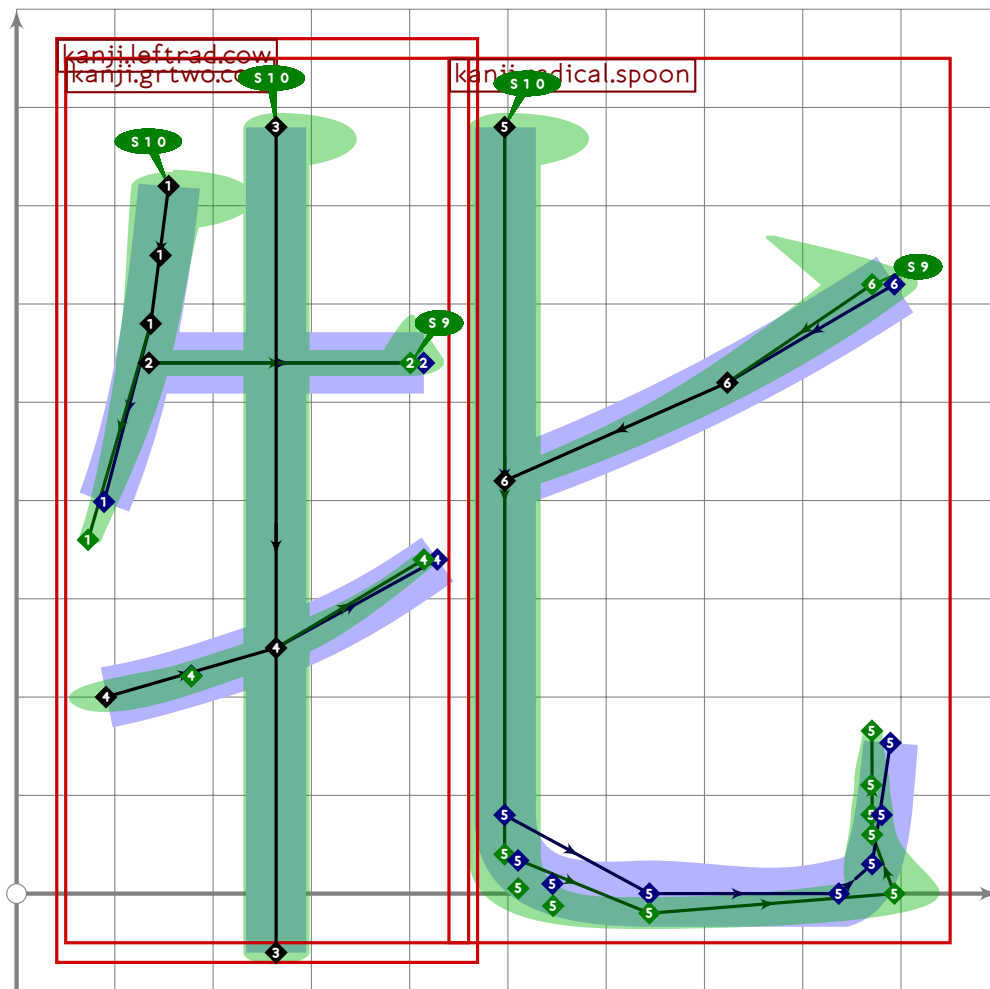


```

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

```

U+725D  
tsuku.uni725D

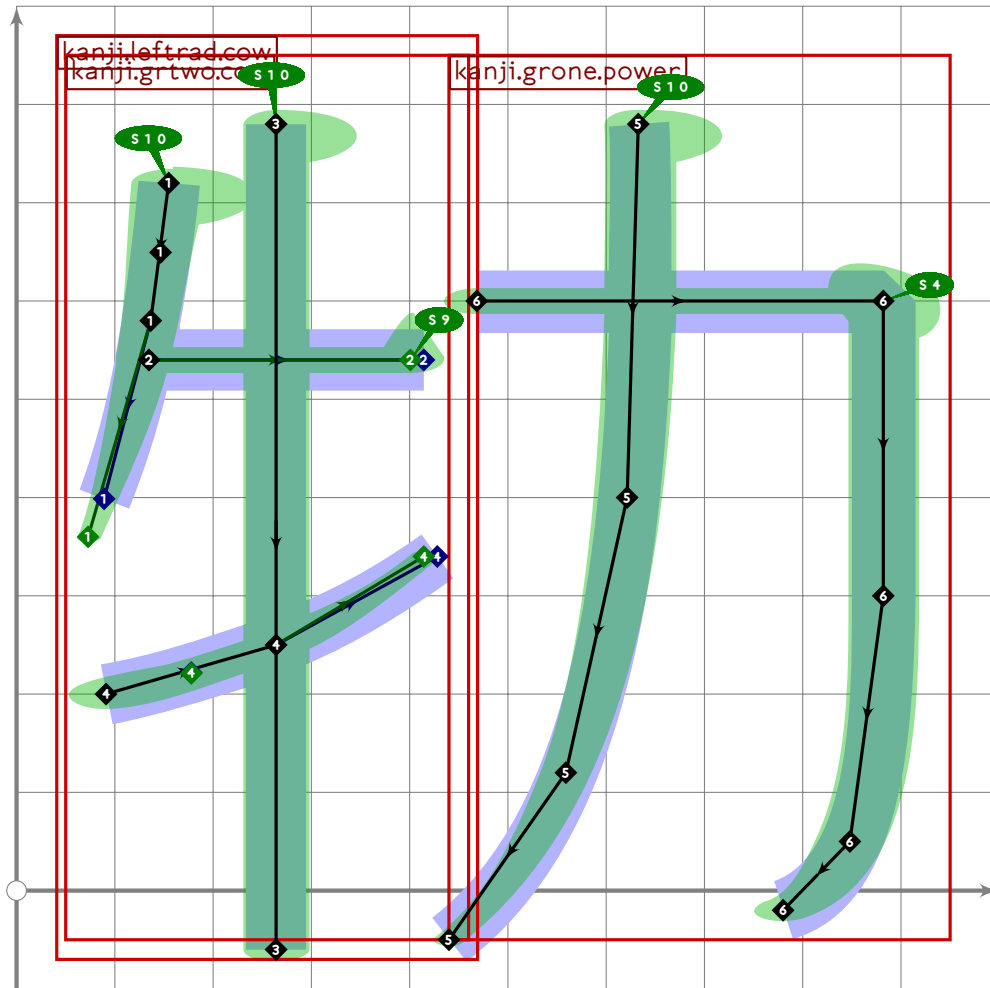


72

```

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

```

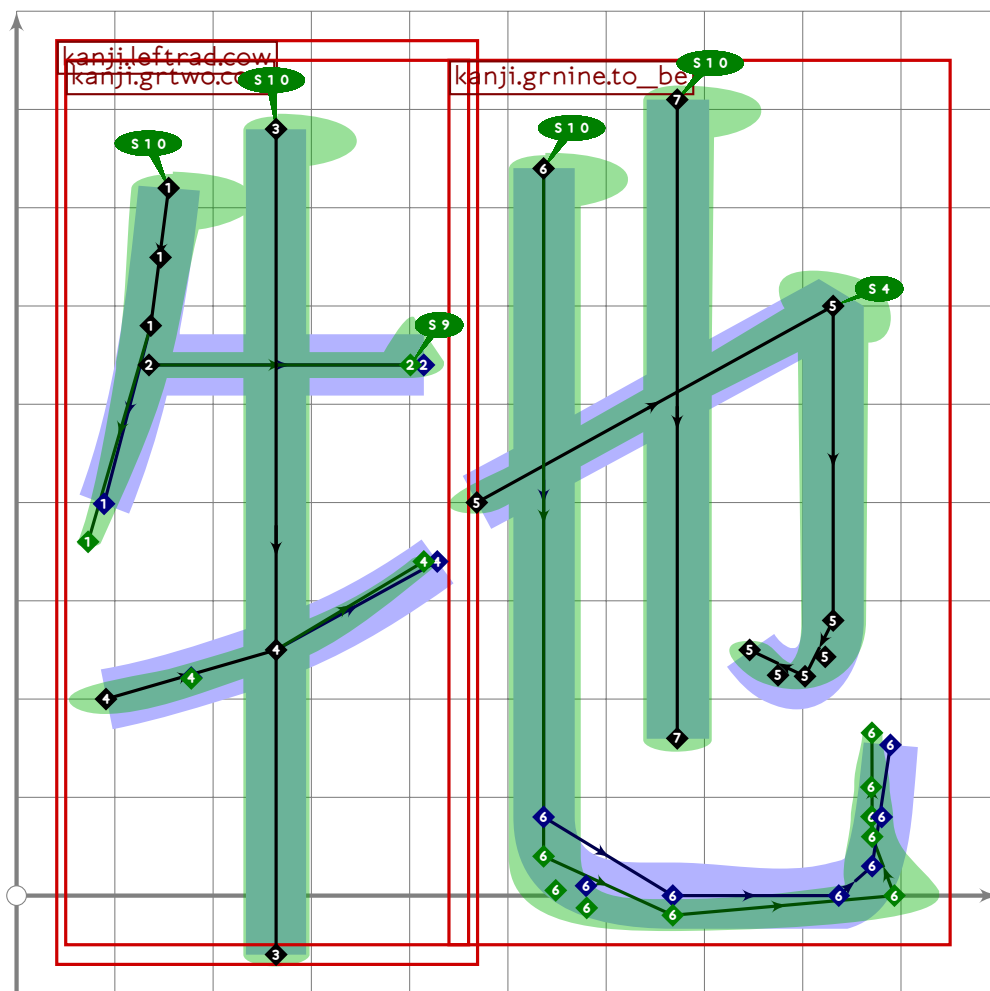


```

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]

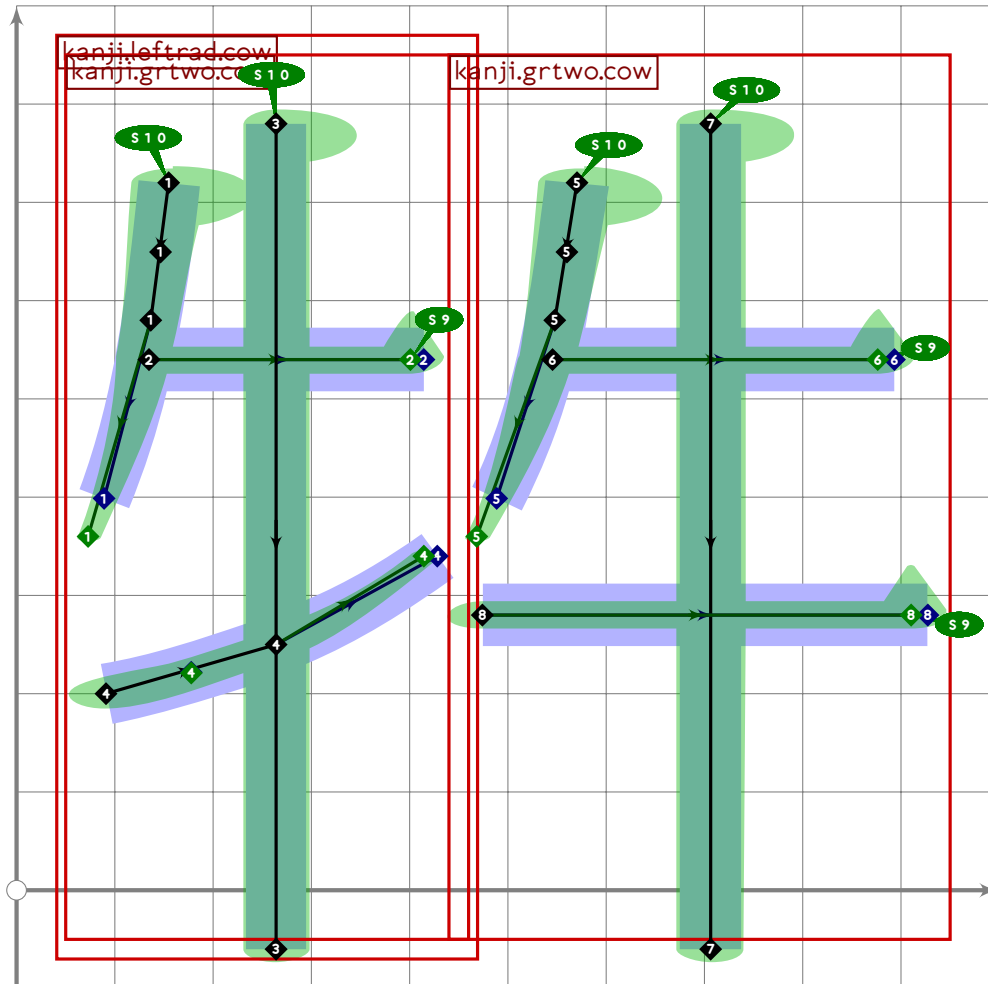


```

248 begintsuglyph("uni7269";105);
249   kanji.grthree.thing;
250   tsu_render;
251 endtsuglyph;
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 endtsuglyph;
260
261 % toku "special"
262 begintsuglyph("uni7279";121);
263   kanji.grfour.singular;
264   tsu_render;
265 endtsuglyph;
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 _____

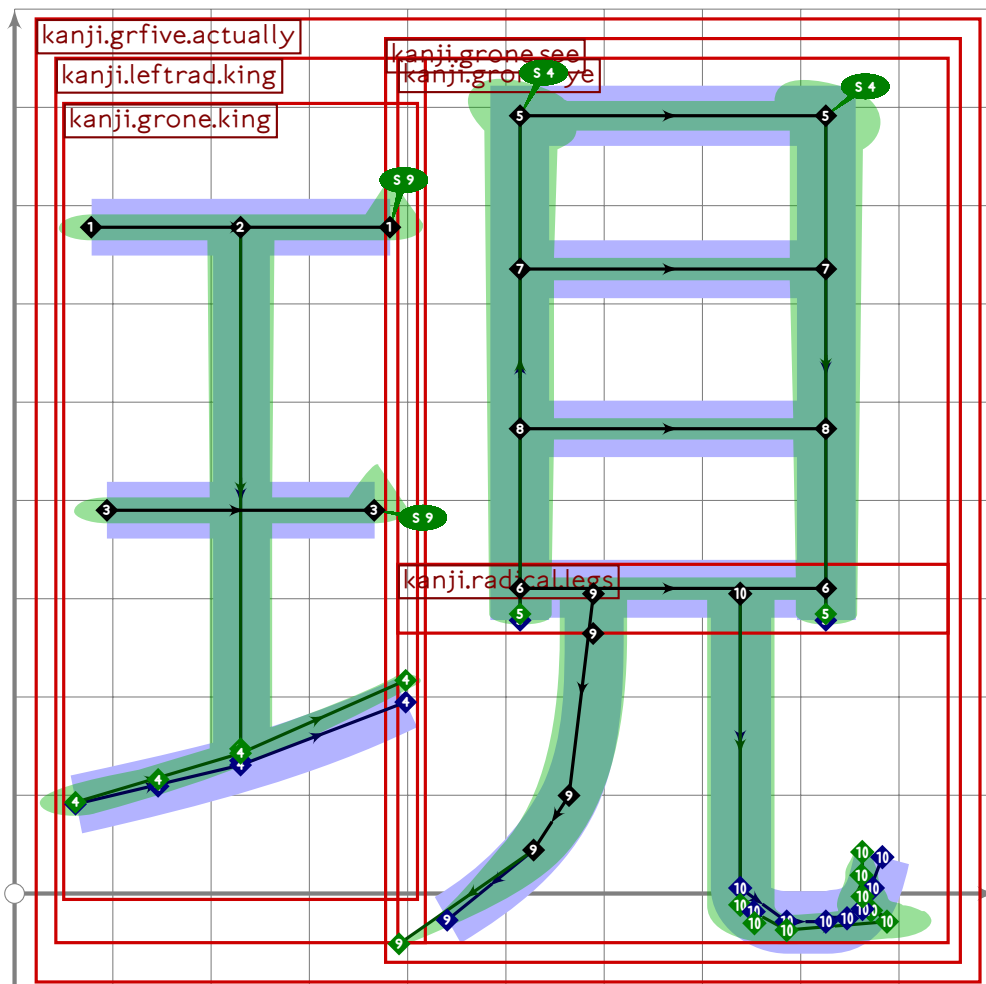
```

# 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

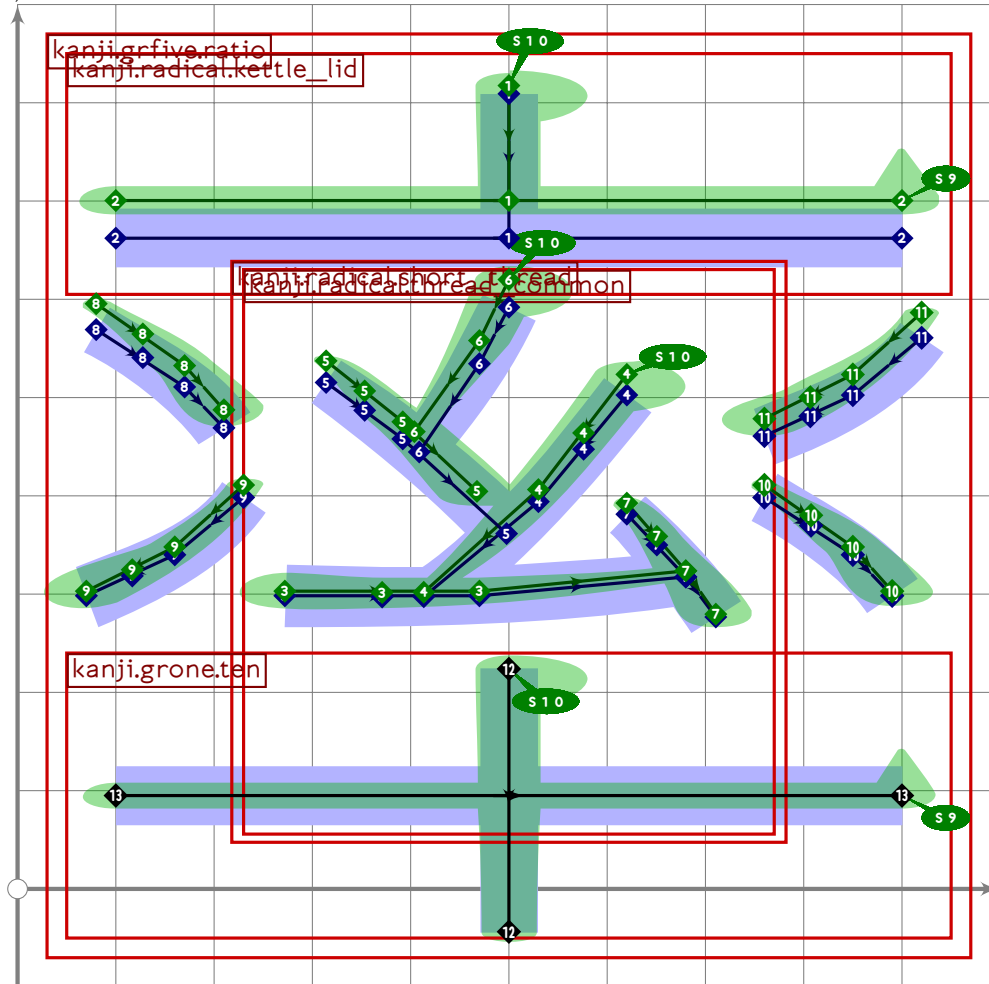
```



```

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       (1.1,1.1)-(1.4,1.4)-(1.9,1.9));
62     push_stroke
63       (get_strokep(-1) shifted ((760,330)-point 0 of get_strokep(-1)),
64       get_strokep(-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 

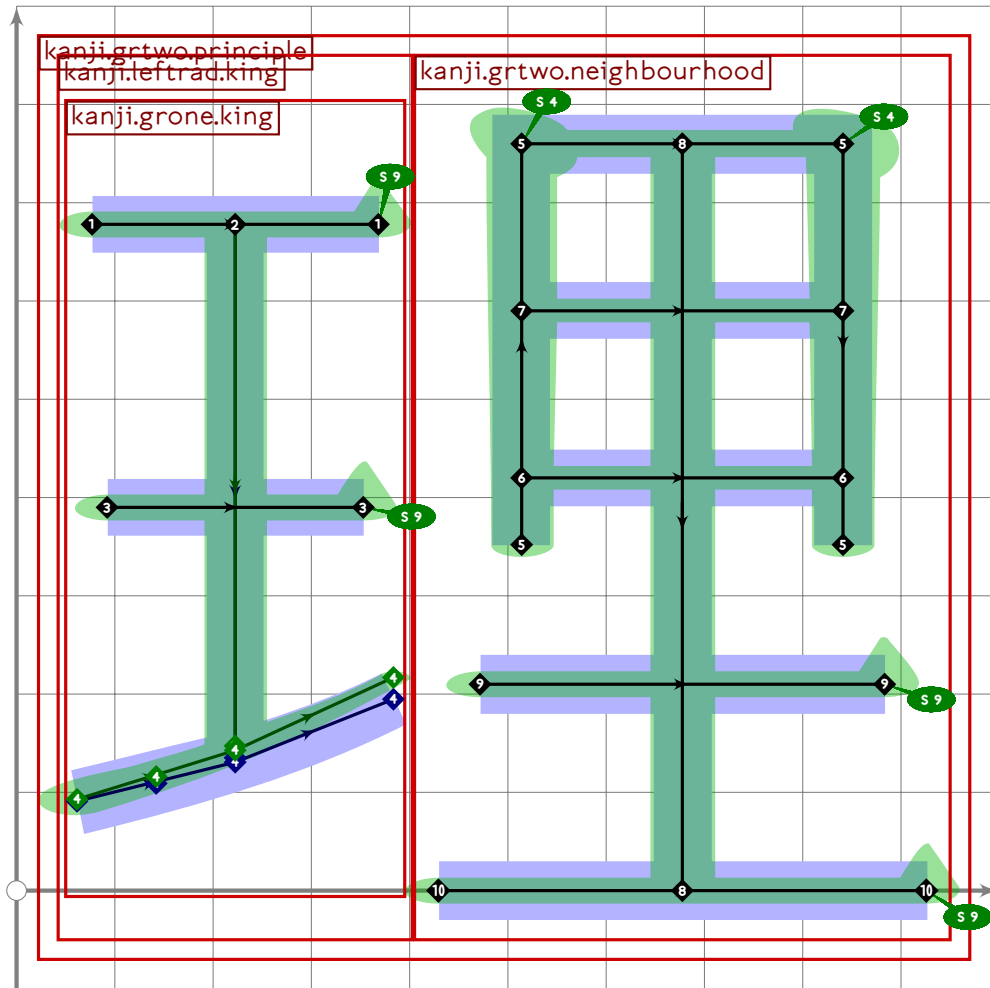
---



```

# tsuku-74.mp

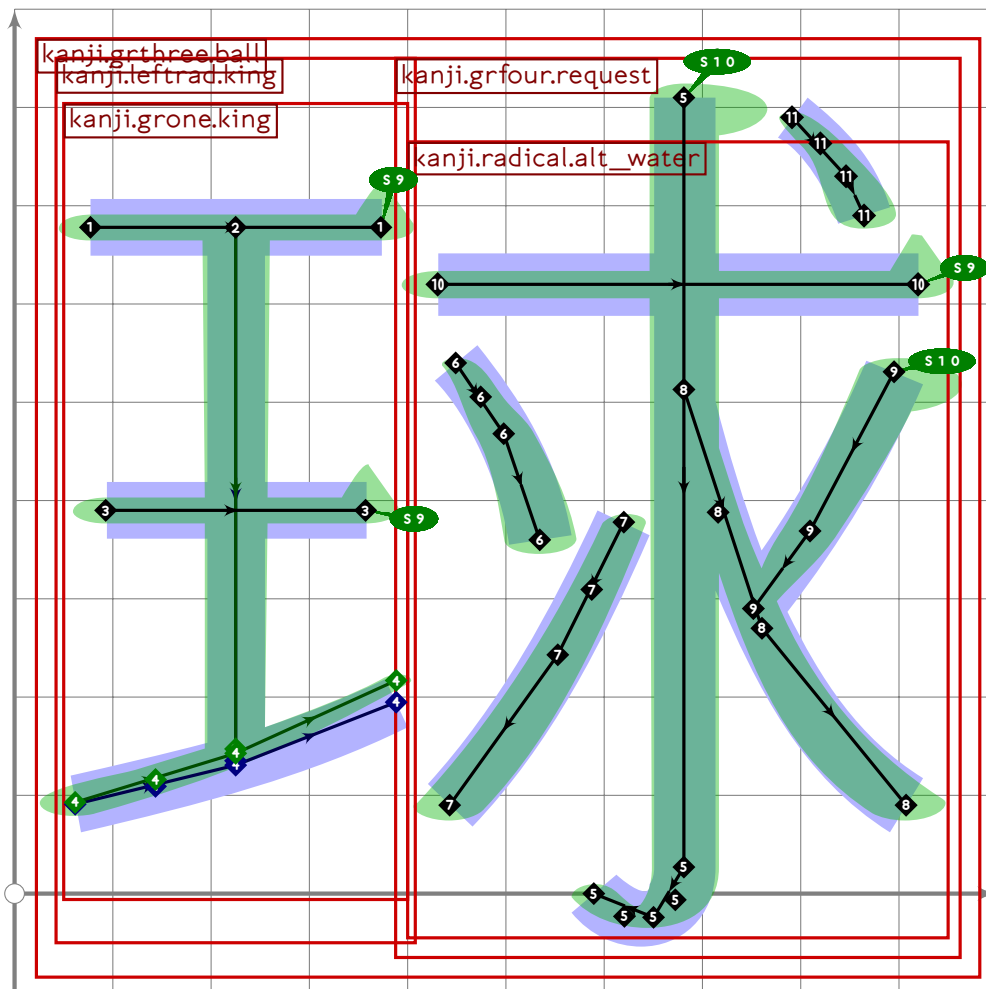
```
1 %
2 % Unicode page 74 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradefour.mp;
38 input gradeone.mp;
39 input gradetwo.mp;
40 input leftrad.mp;
41 input radical.mp;
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 endtsuglyph;
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

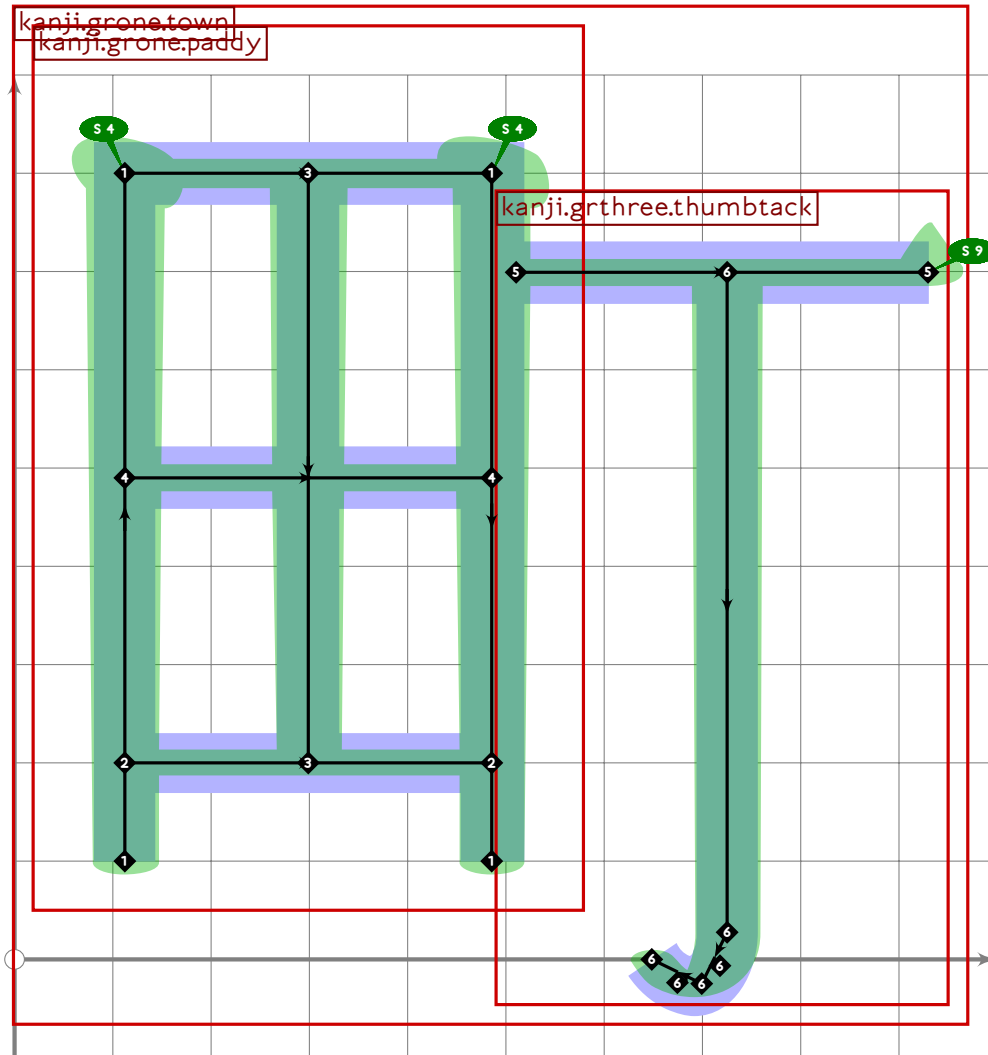
83

---

# 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
```

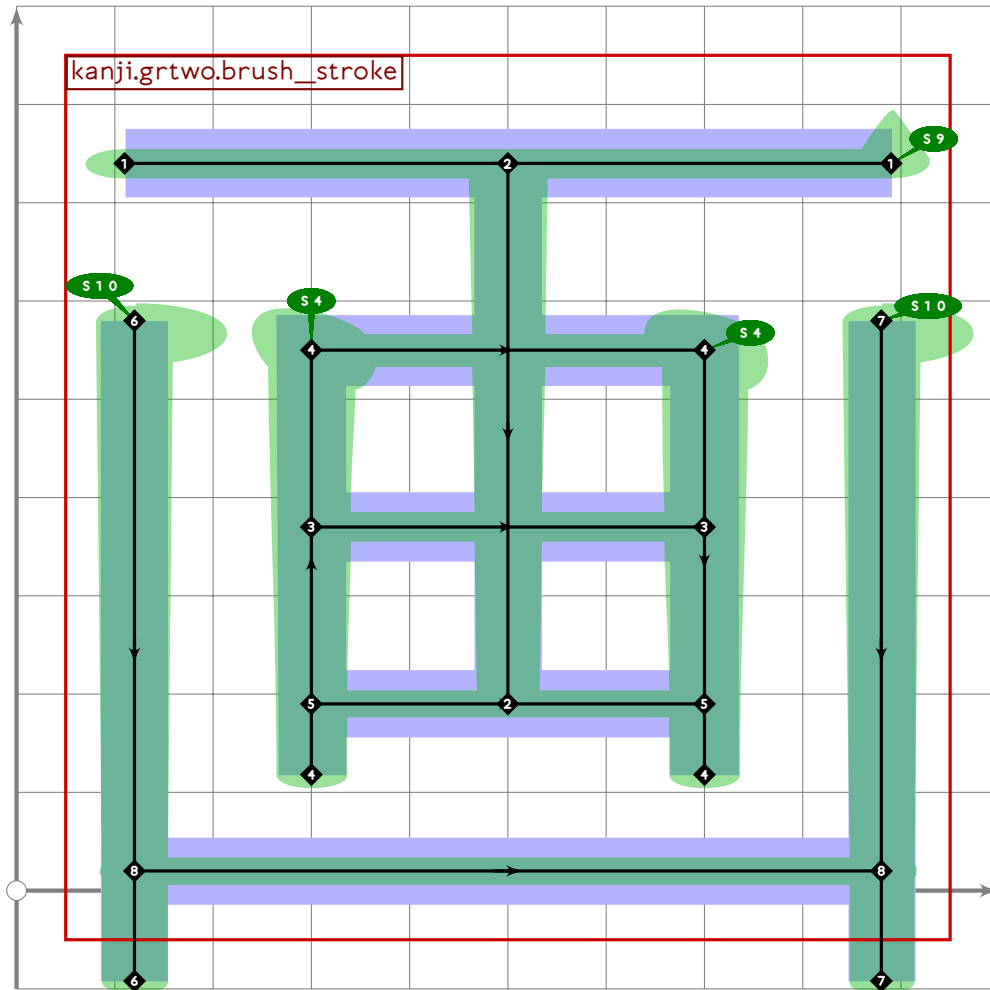
---



```

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

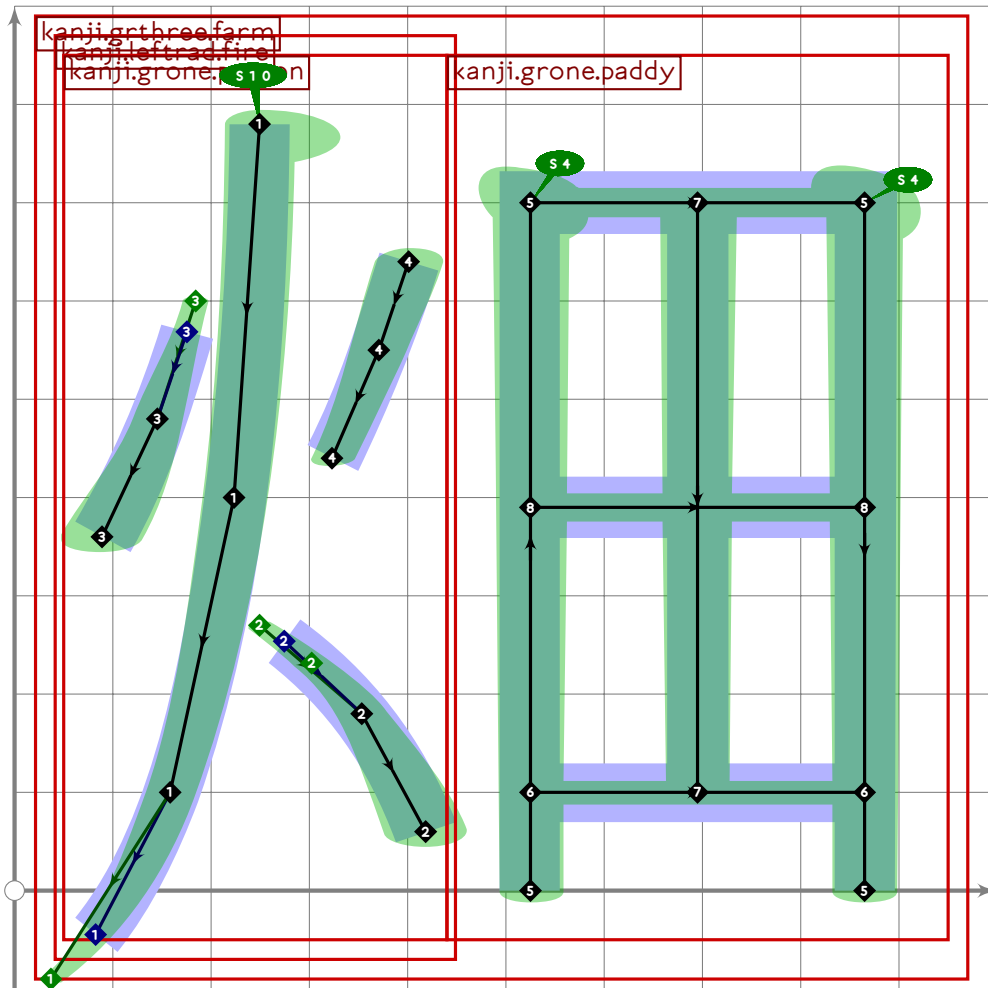
```



```

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)-(1.4,1.4));
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

```

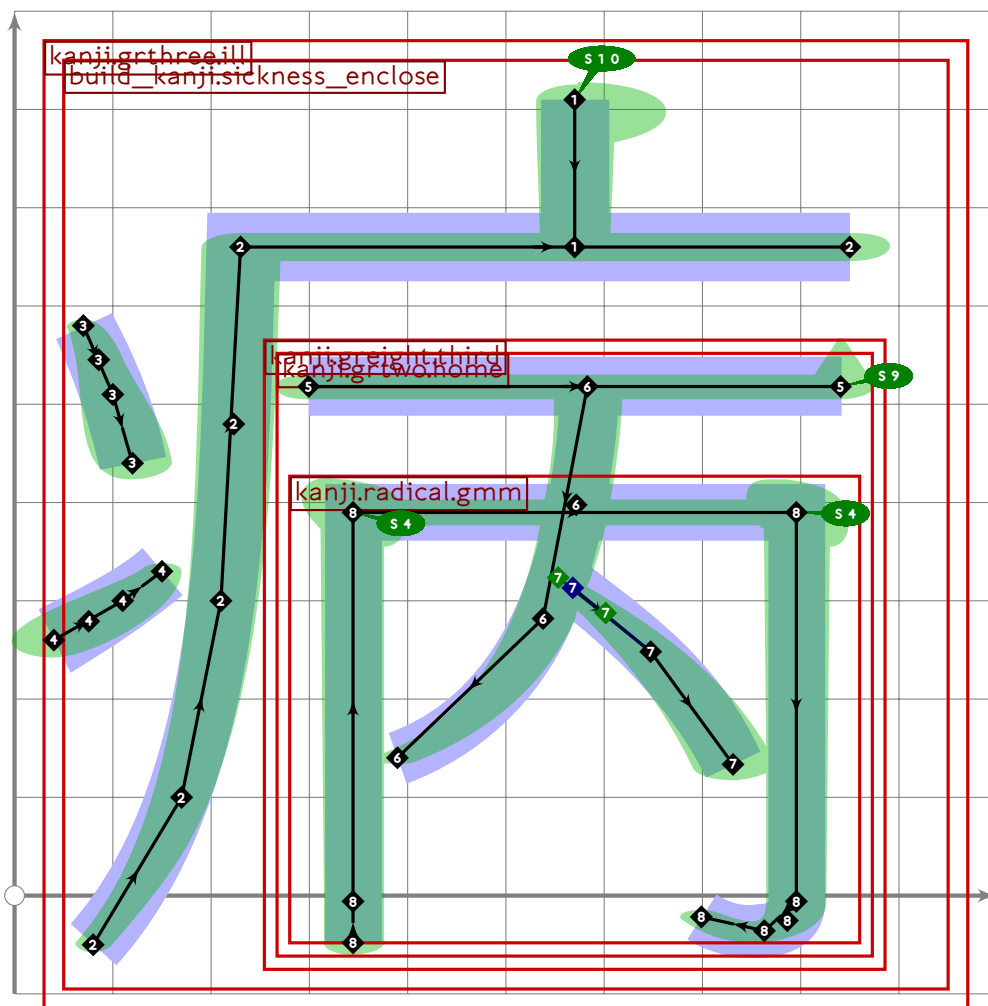


```

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;

```

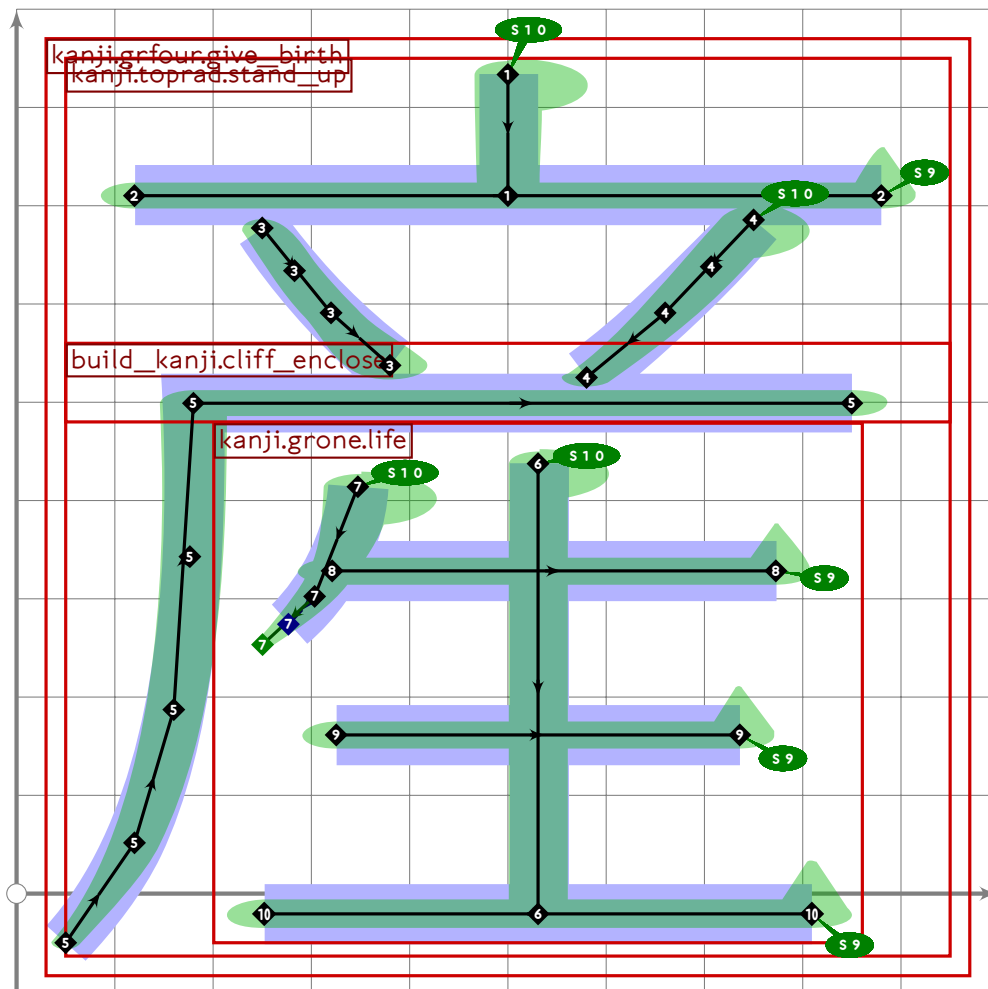
U+75C5  
tsuku.uni75C5



```

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

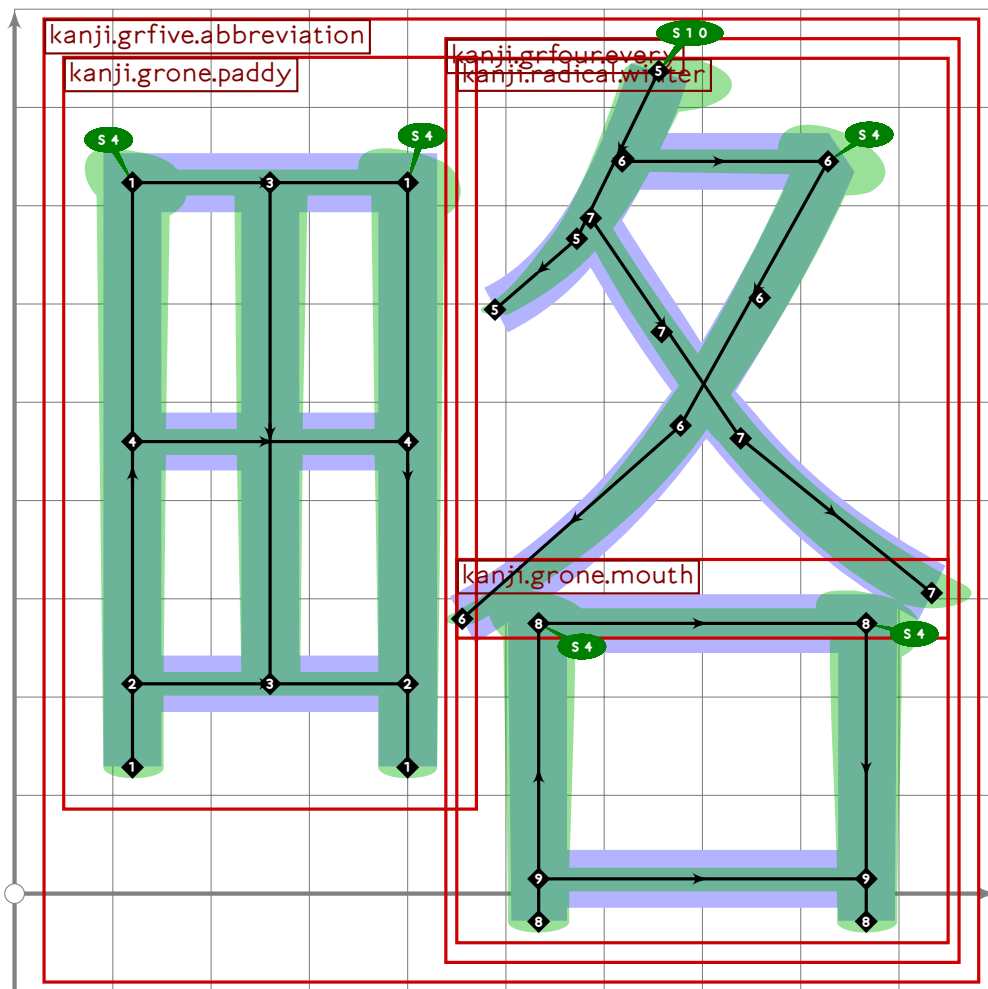
```



```

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

```

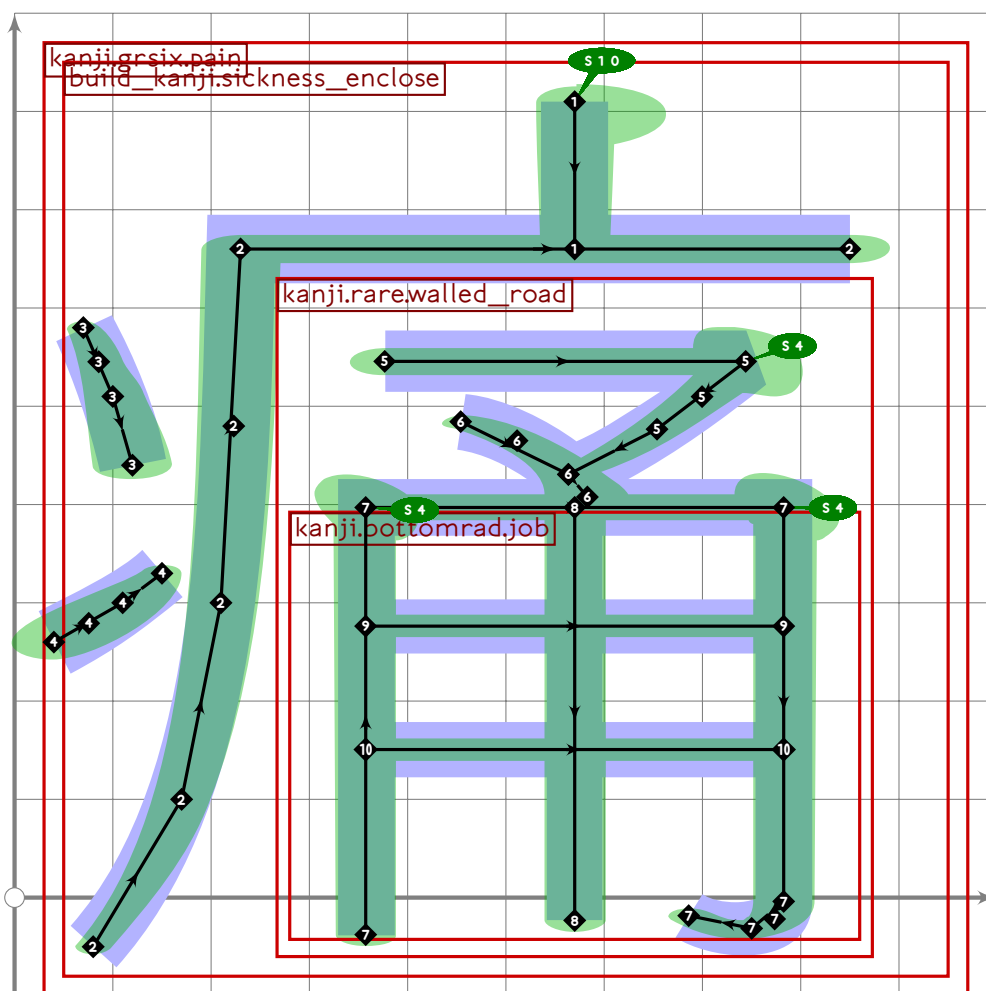


```

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 endif;

```

152

153

---

154

```

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

```

[see page 978]

160

```

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

```

[see page 453]

166

```

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

```

[see page 3527]

172

```

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

```

[see page 537]

178

```

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

```

[see page 1104]

184

```

185 % ta "rice paddy"
186 begintsuglyph("uni7530";48);
187   kanji.grone.paddy;

```

[see page 465]

```

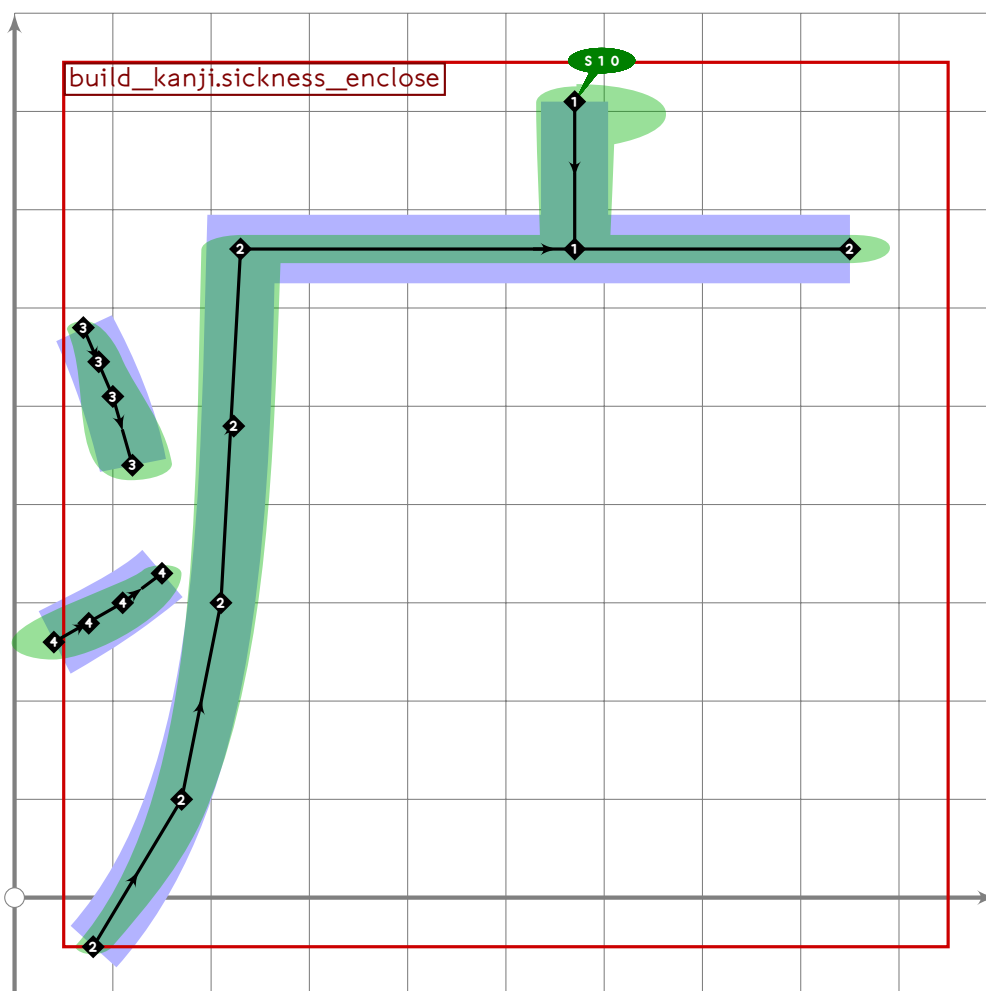
188   tsu_render;
189 endtsuglyph;
190
191 % yu/yoshi "reason" or "cause"
192 begintsuglyph("uni7531";49); [see page 666]
193   kanji.grthree.reason;
194   tsu_render;
195 endtsuglyph;
196
197 % shin/mou "have the honour to," "monkey zodiac sign," etc.
198 begintsuglyph("uni7533";51); [see page 638]
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

```



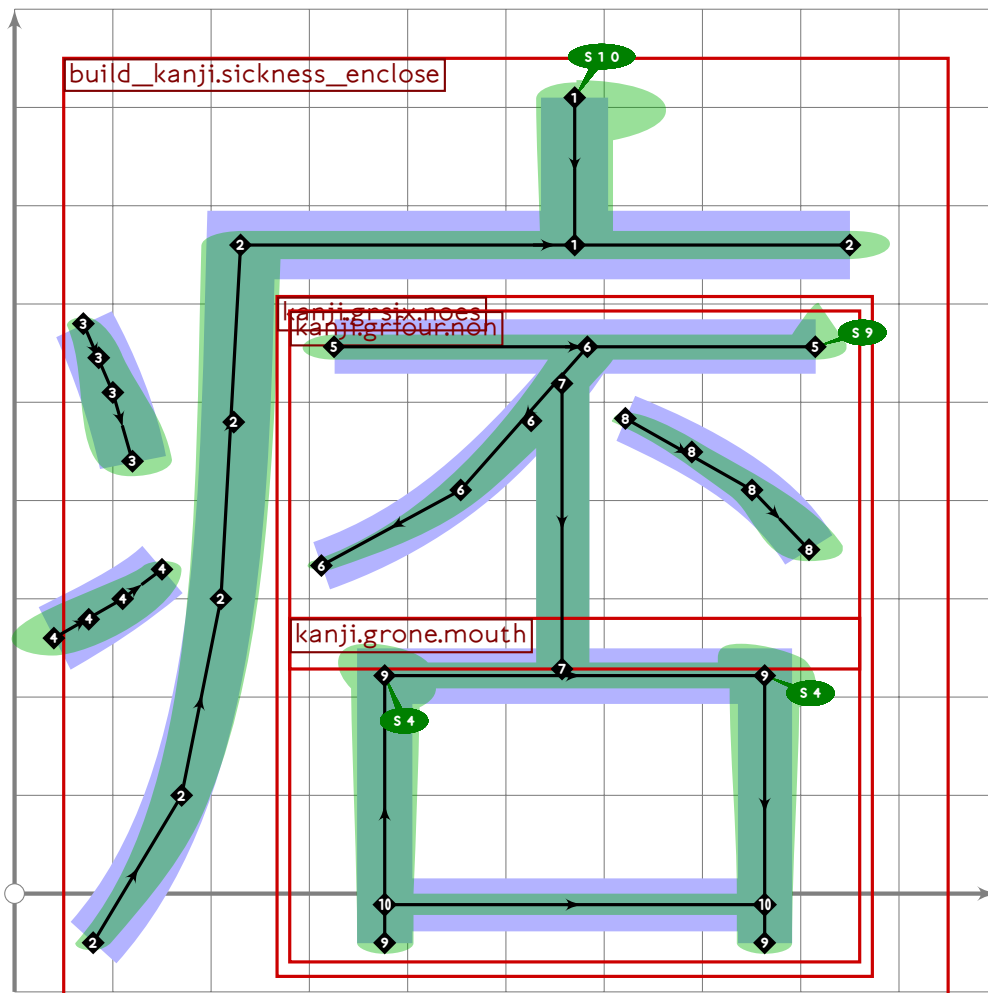
```

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 endtsuglyph;
288
289
290
291 endfont;
292
293

```

# tsuku-76.mp

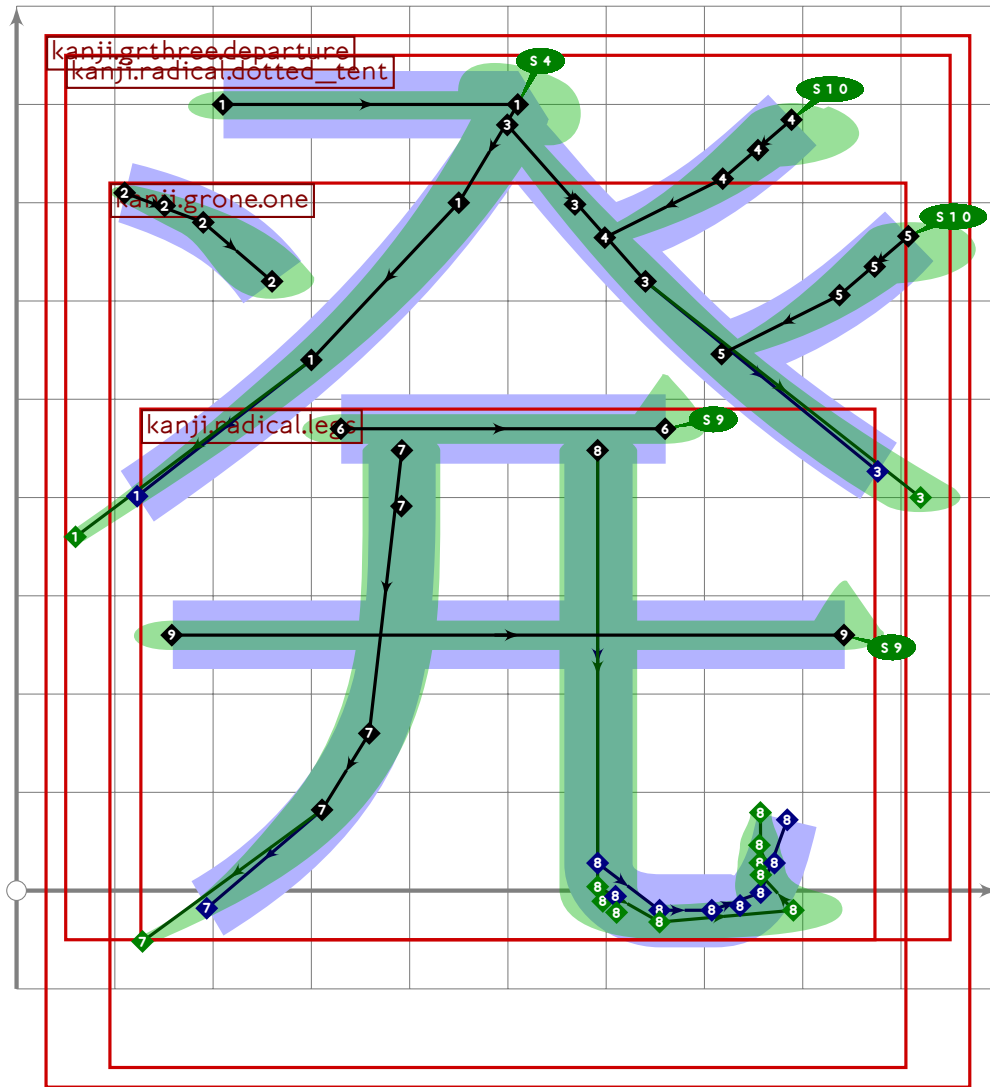
```
1 %
2 % Unicode page 76 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017, 2018, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```

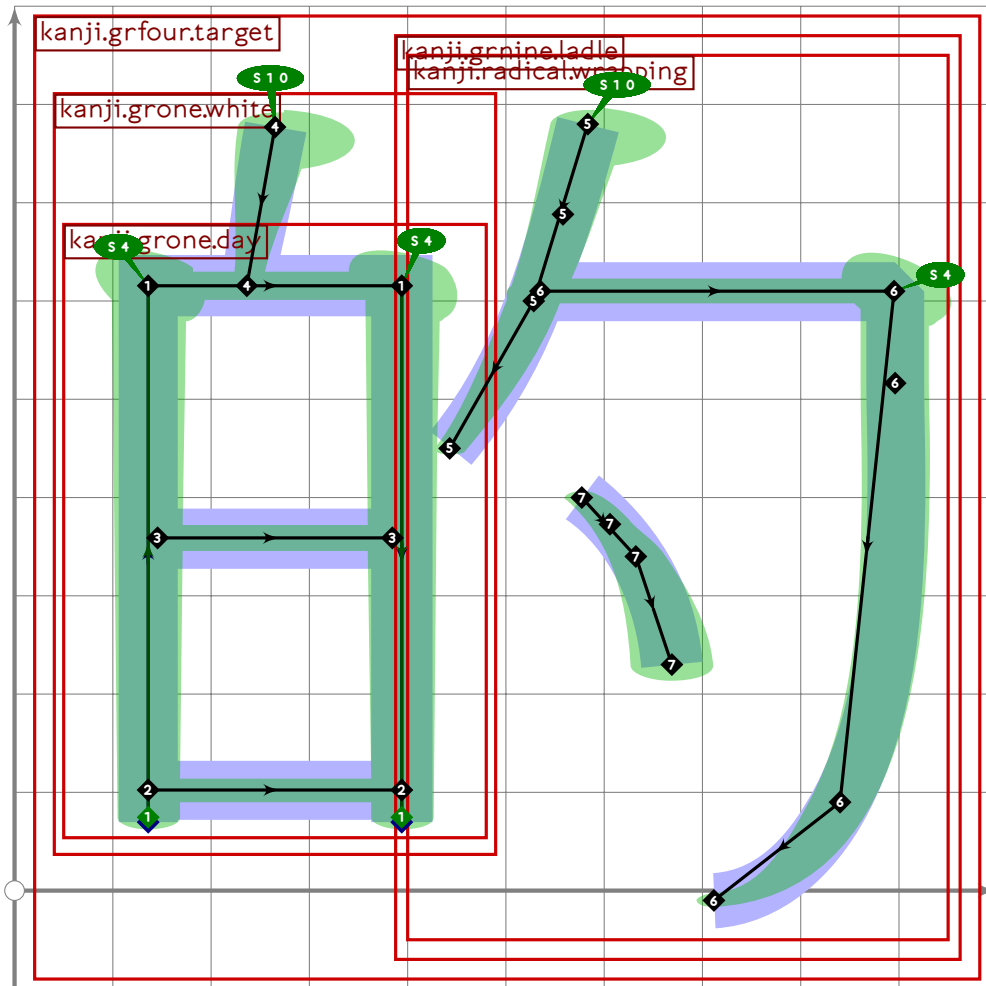


```

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

```

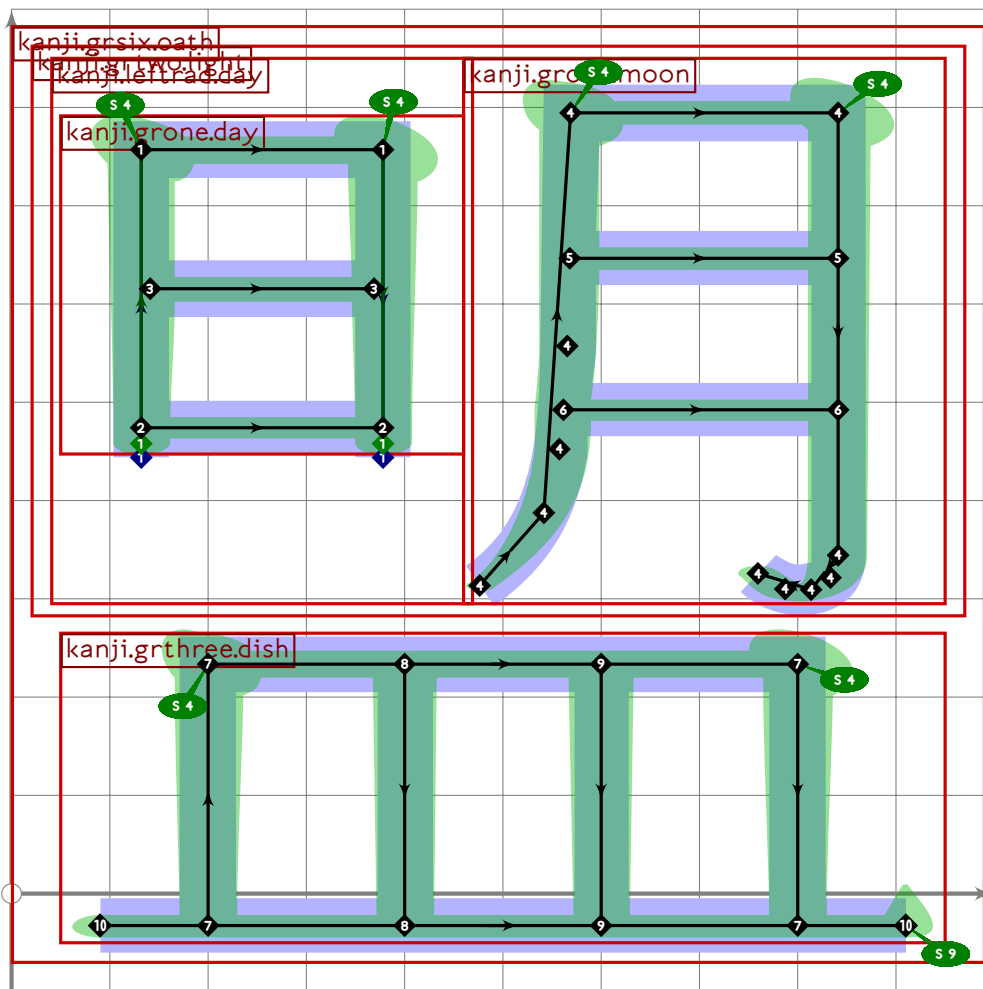




```

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

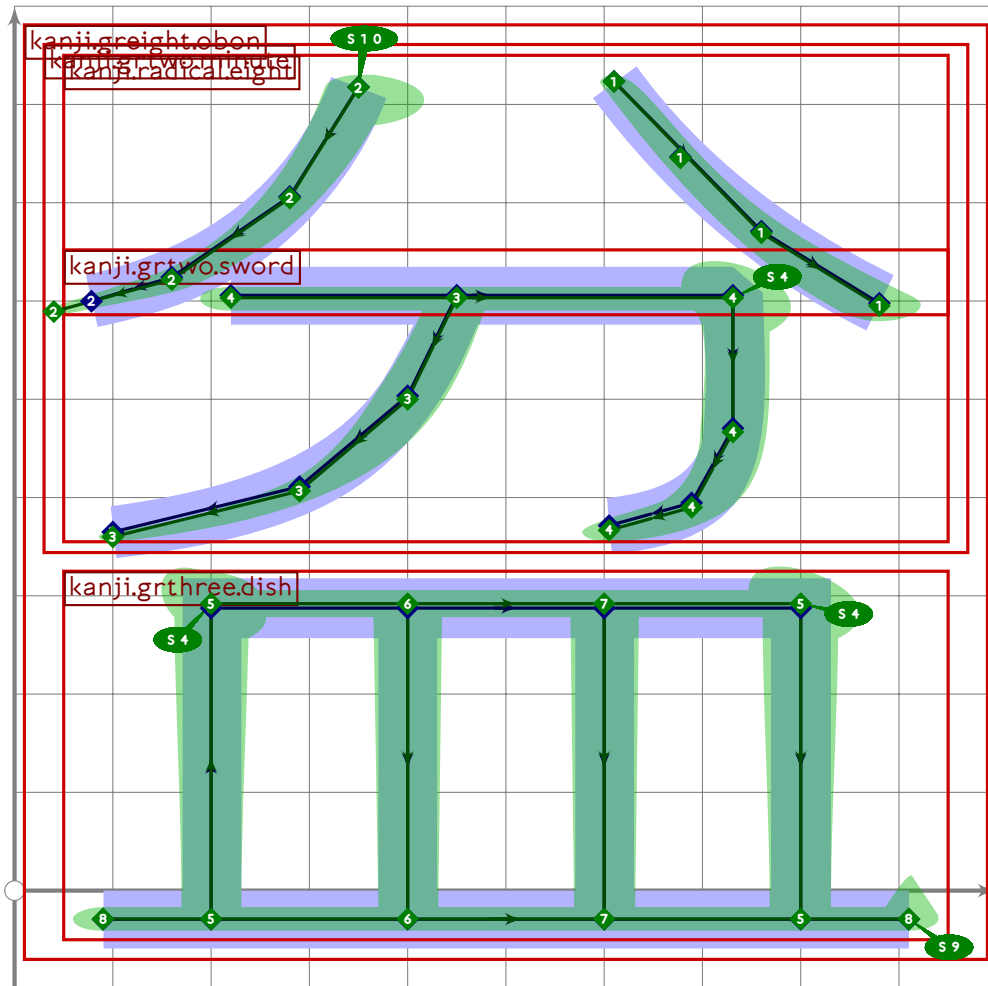
```



```

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

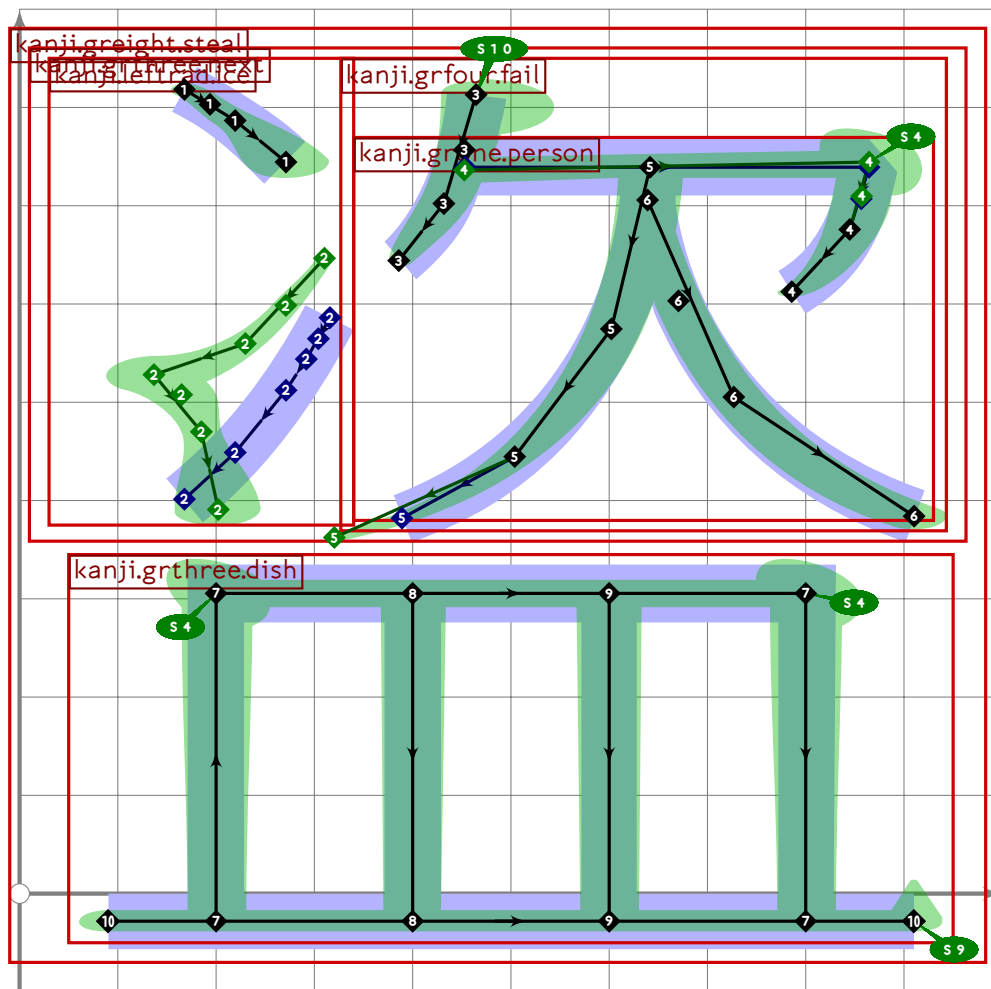
```



```

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;

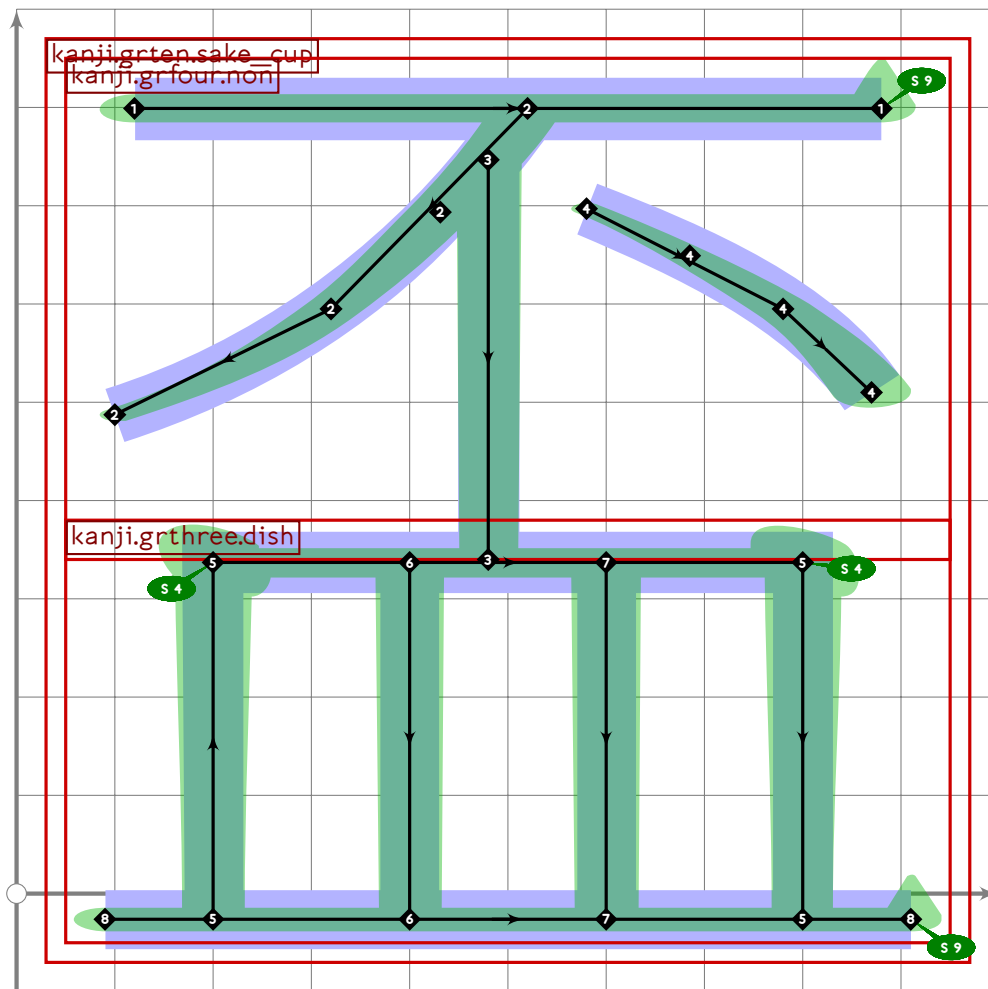
```



```

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 beginsuglyph("uni7676";118);
121   kanji.radical.dotted_tent;
122   tsu_render;
123 endtsuglyph;
124
125 % hatsu/ta "departure"
126 beginsuglyph("uni767A";122);
127   kanji.grthree.departure;
128   tsu_render;

```

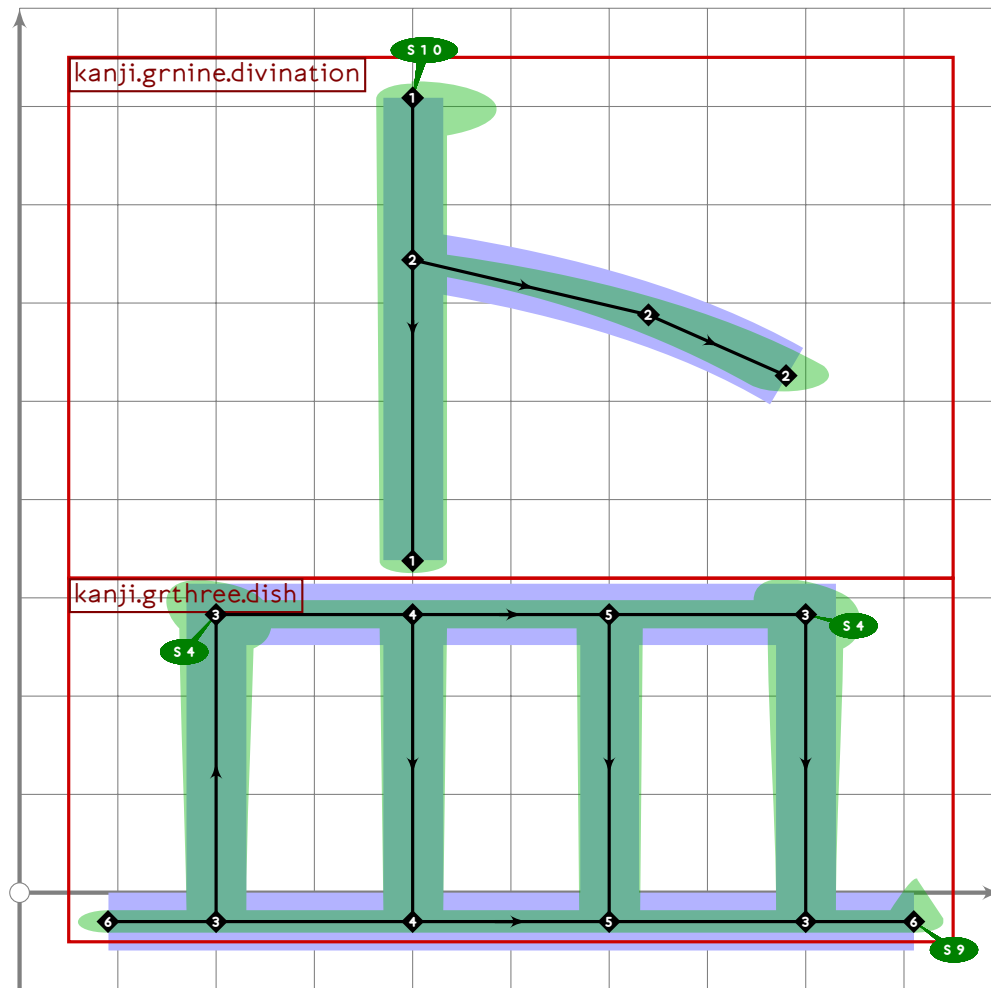
[see page 870]

[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 endtsuglyph;

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 endtsuglyph;

186

187 % hai/sakazuki "sake cup"

188 begintsuglyph("uni76C3";195);

189 kanji.grten.sake\_cup;

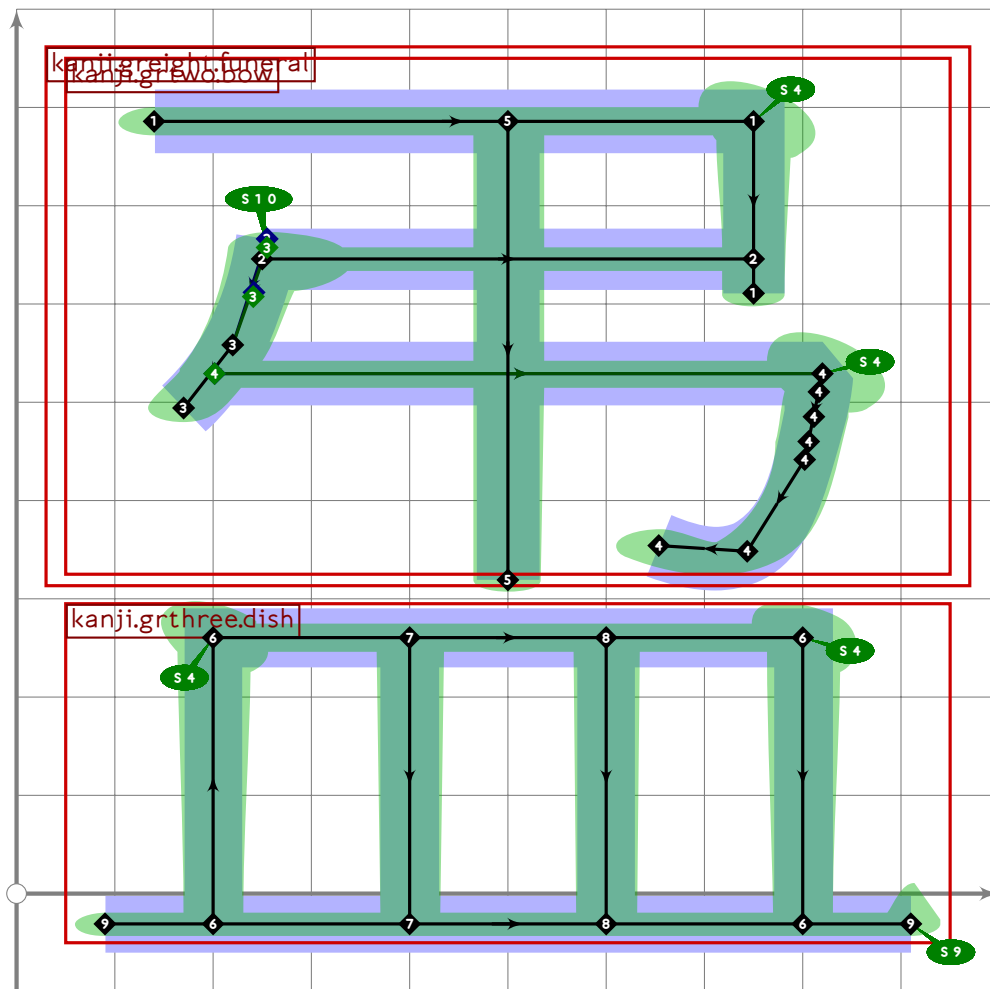
190 tsu\_render;

191 endtsuglyph;

192

[see page 3541]

U+76C4  
tsuku.uni76C4

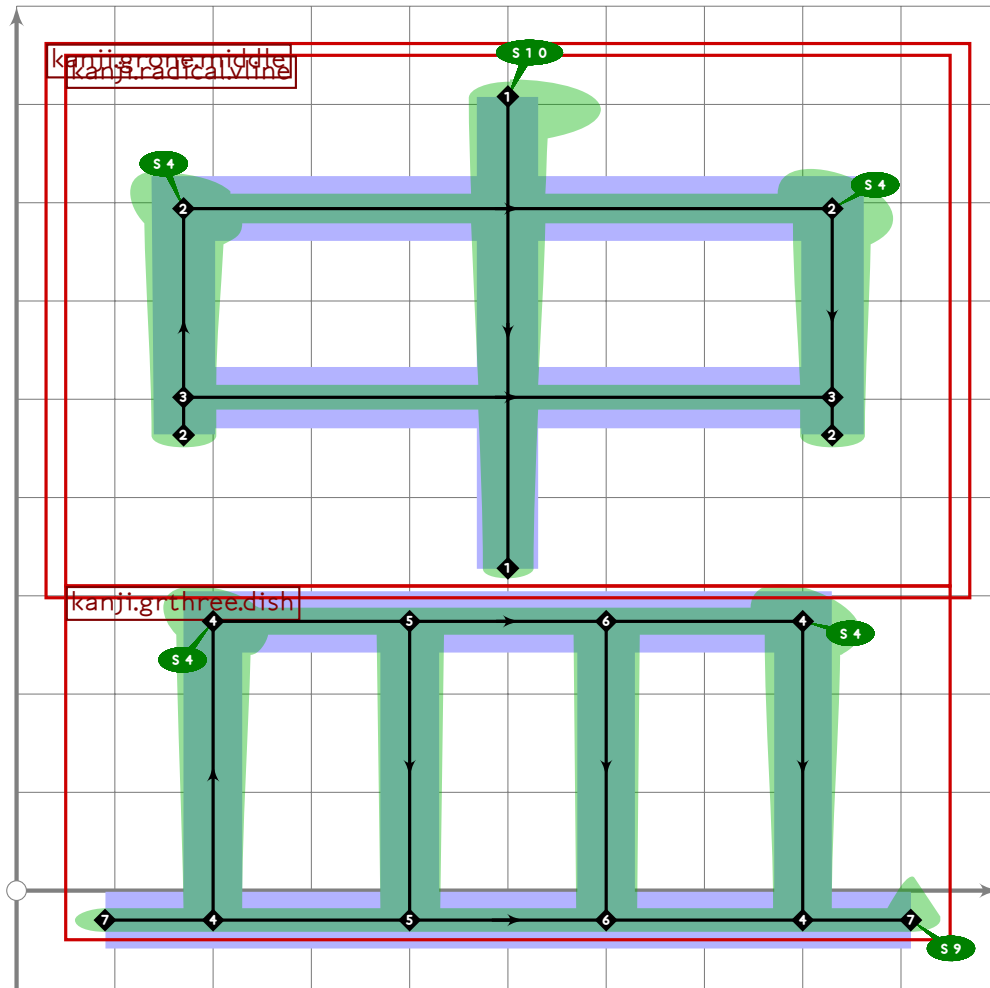


```

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

```





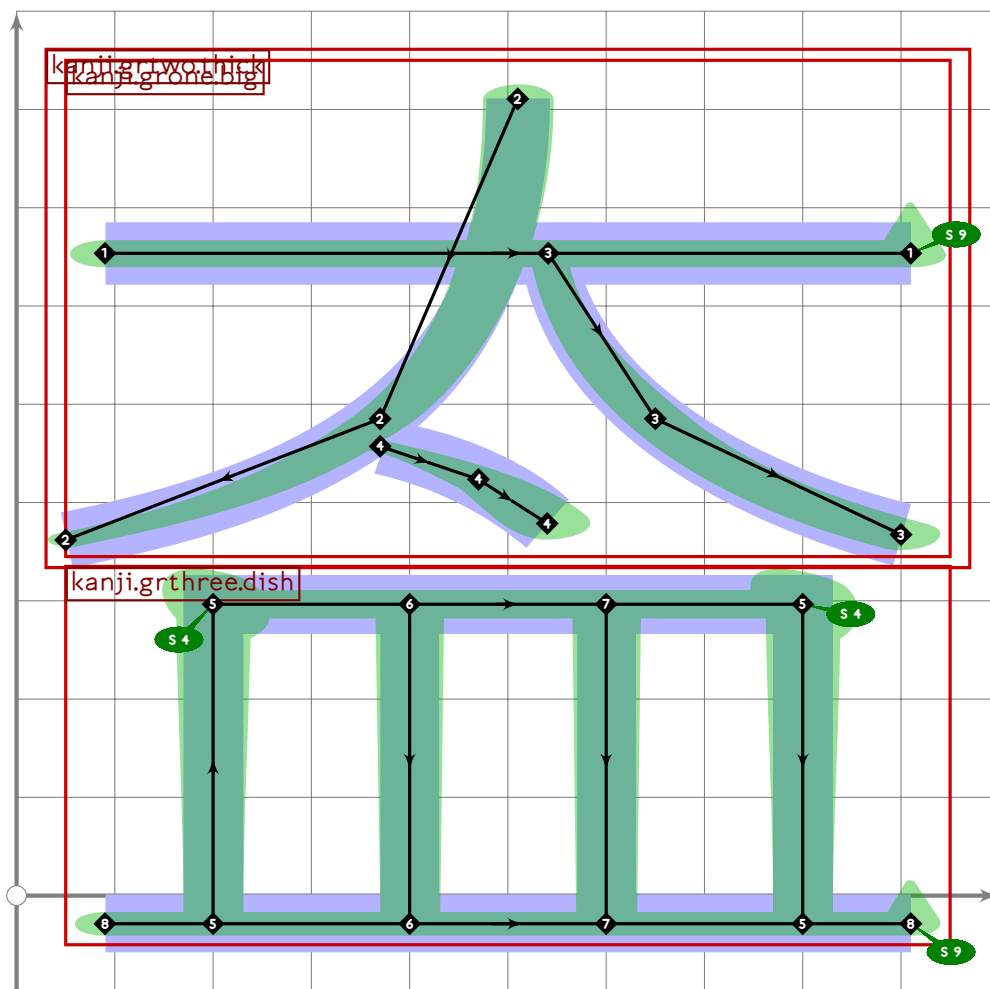
```

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 endtsuglyph;
208
209 % bon "bon festival"
210 begintsuglyph("uni76C6",198);
211   kanji.greight.obon;
212   tsu_render;
213 endtsuglyph;
214

```

[see page 3539]

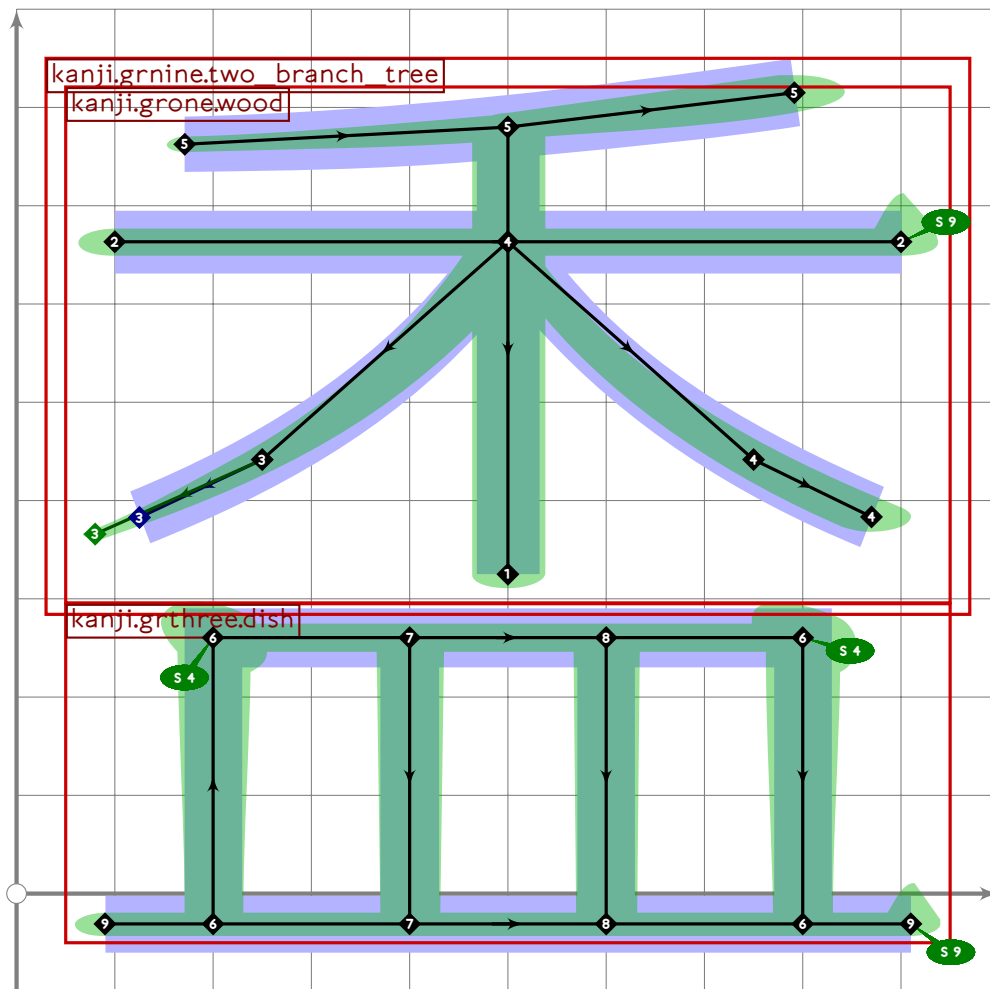
U+76C7  
tsuku.uni76C7



```

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

```



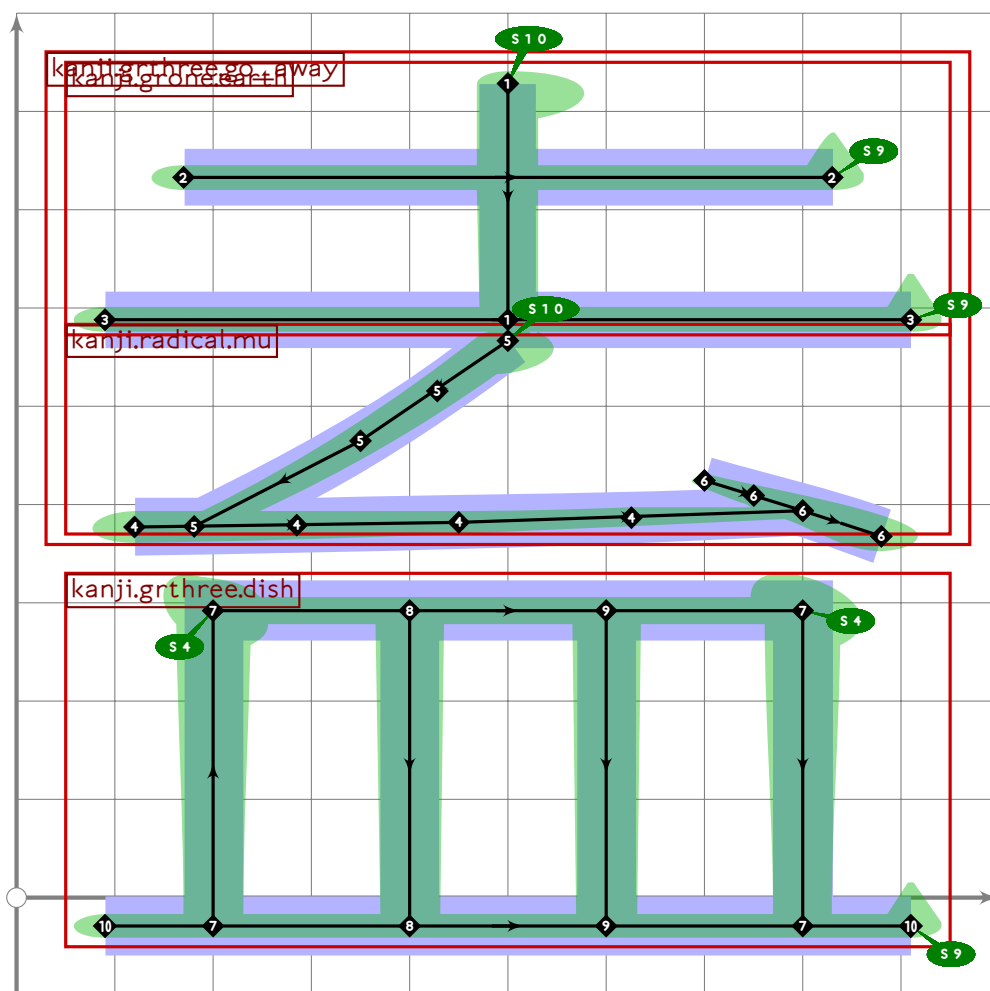
```

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]

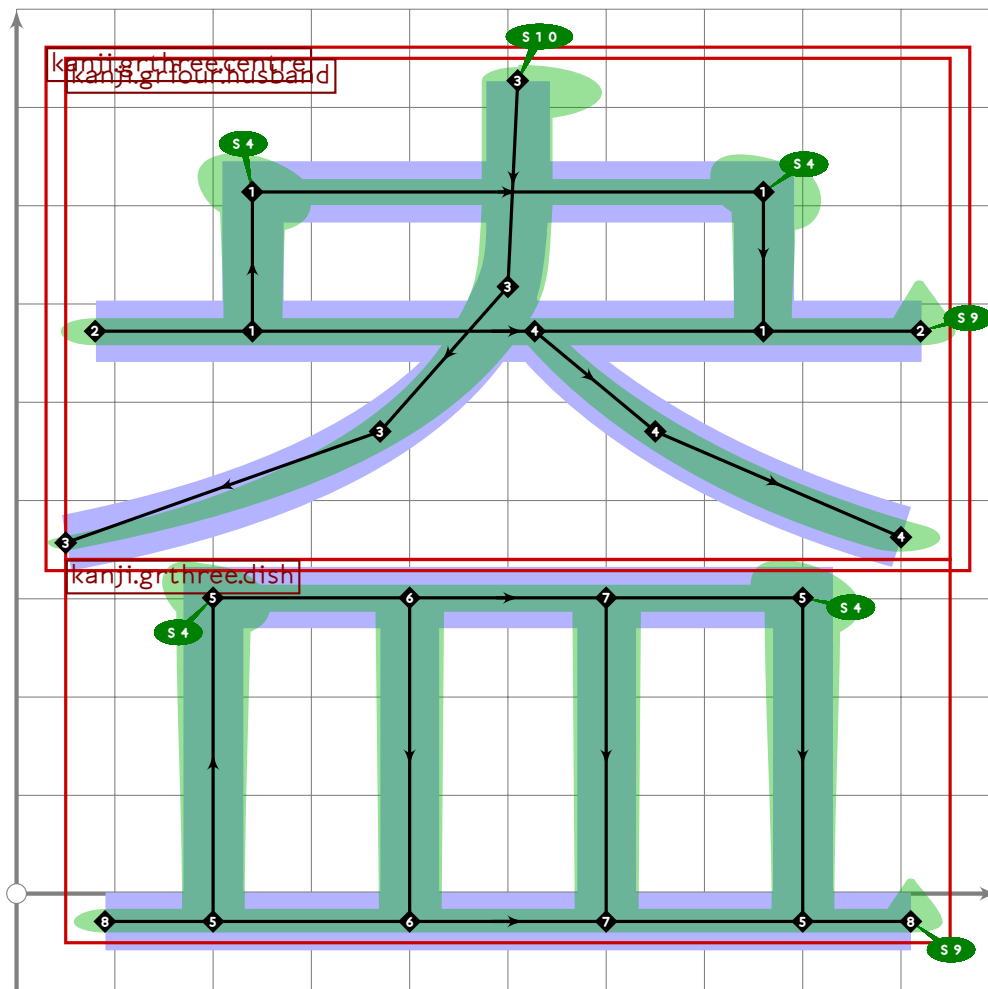
U+76CD  
tsuku.uni76CD



```

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 endtsuglyph;
244

```

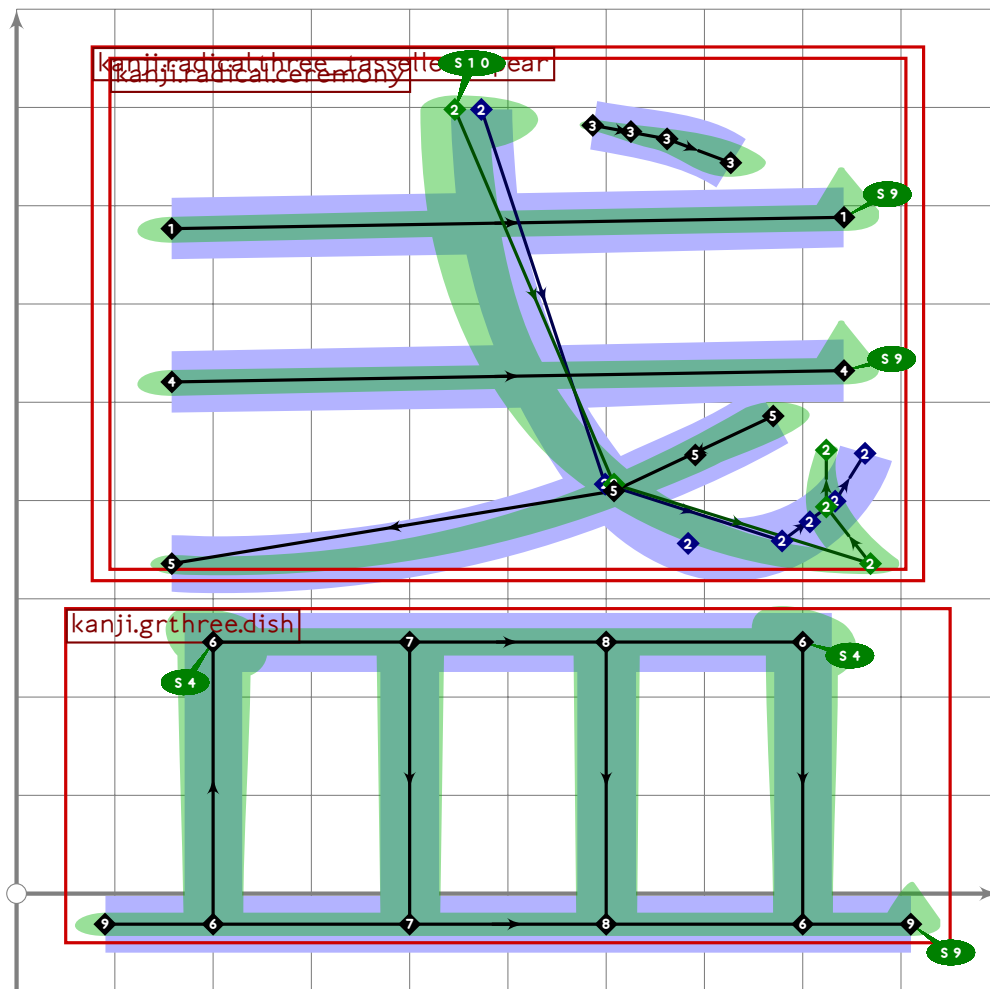


```

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 endtsuglyph;
252

```

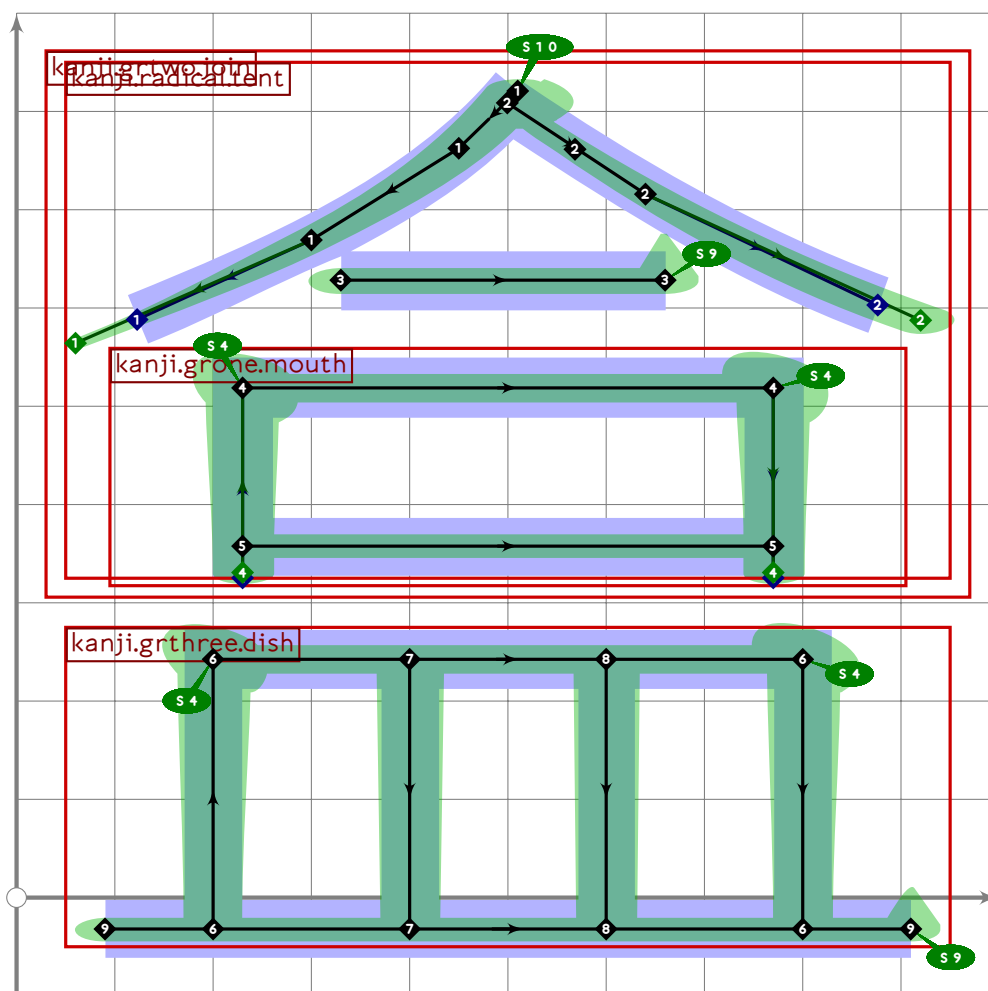
U+76CF  
tsuku.uni76CF



```

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

```

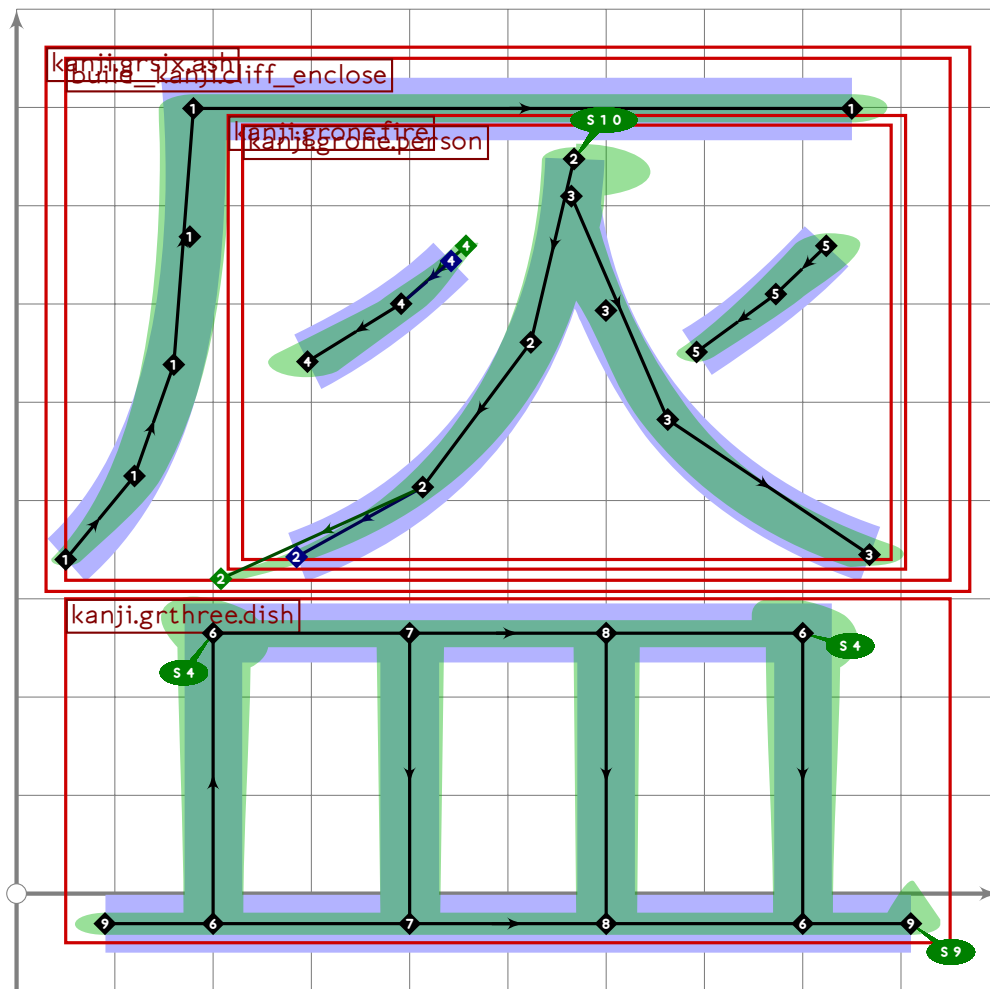


```

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

```

U+76D4  
tsuku.uni76D4



```

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

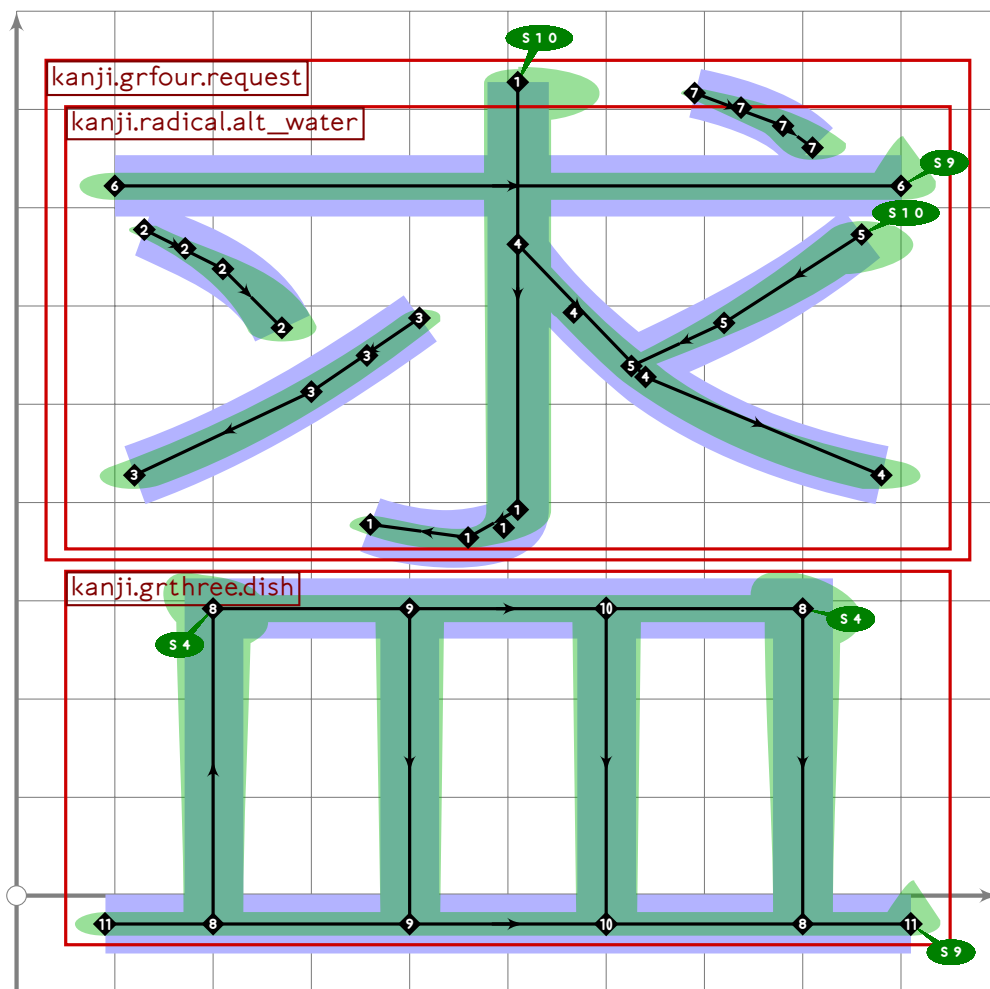
```

[see page 3540]





291

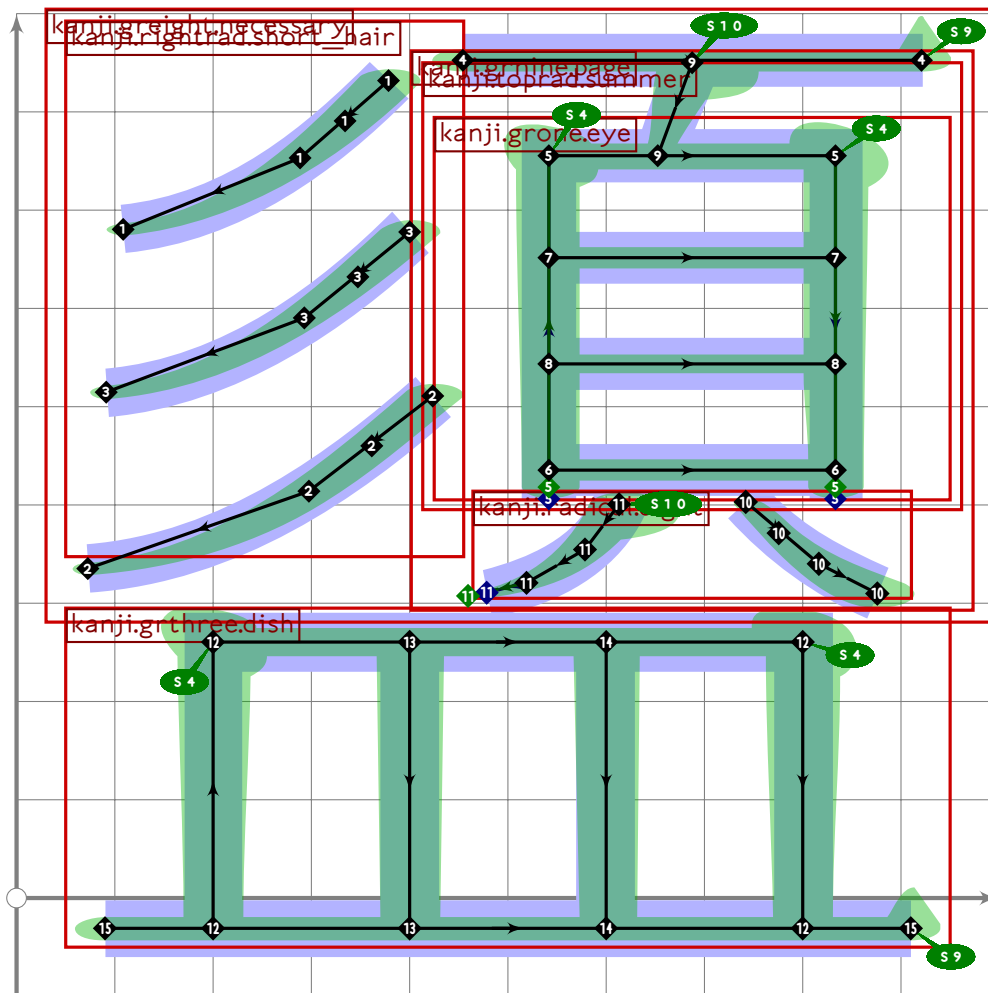


```

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]

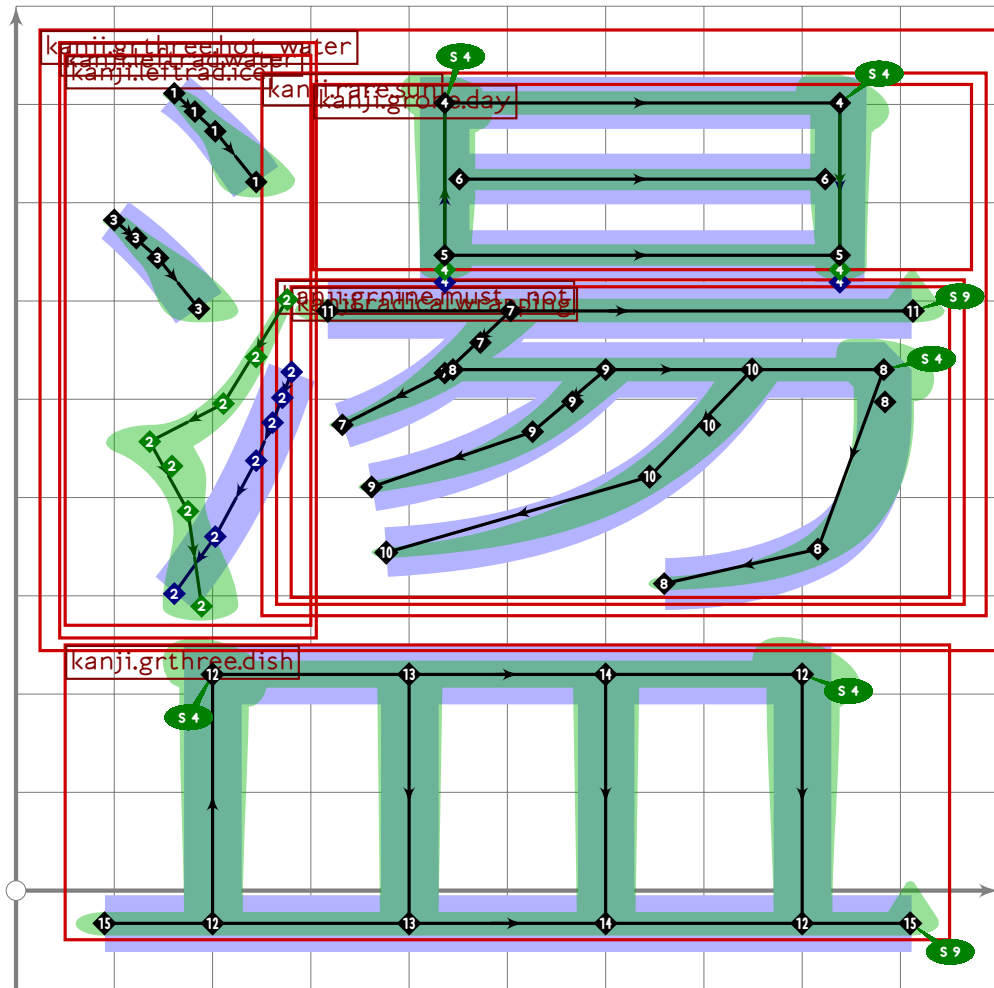
[see page 3538]



```

312 % extra: shu/utsuwa
313 begintsuglyph("uni76E8";232);
314 build_kanji.tb(300,-10)
315 (kanji.gr.eight.necessary)
316 (kanji.gr.three.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.eyeye;
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;

```

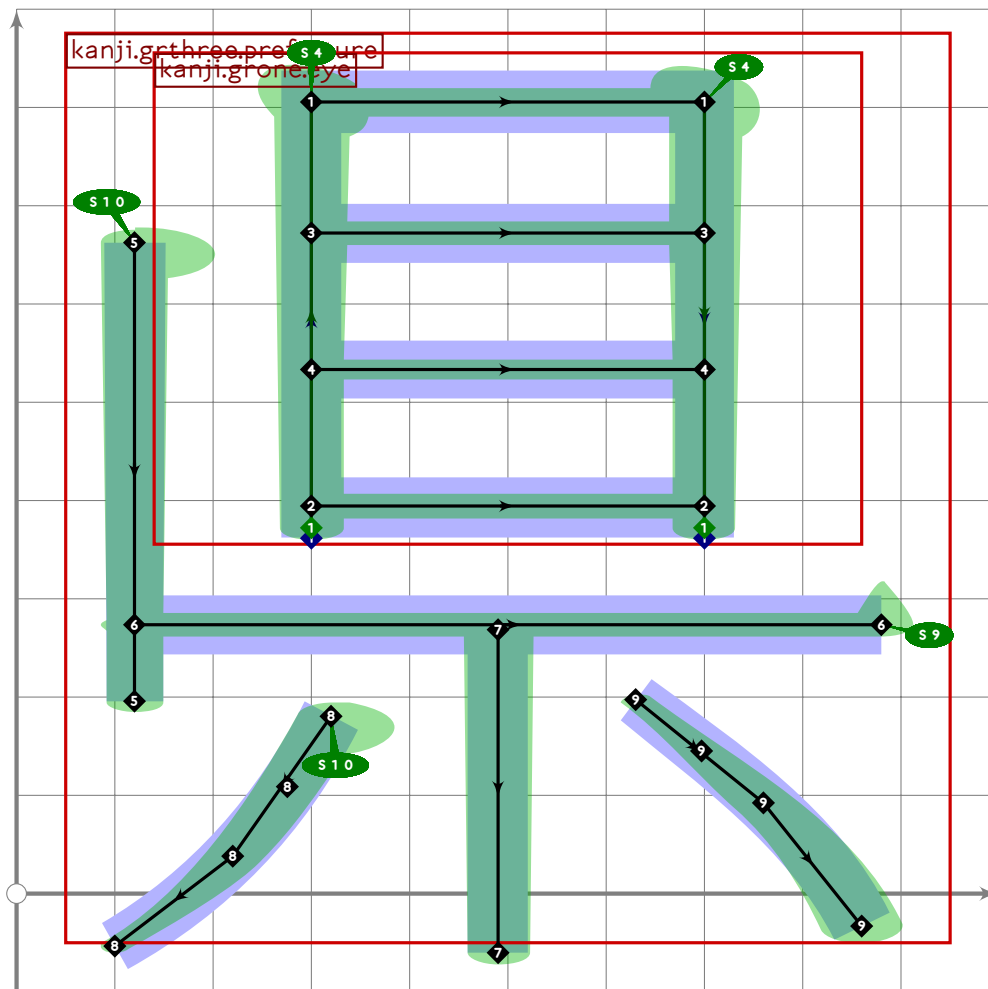
[see page 578]

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

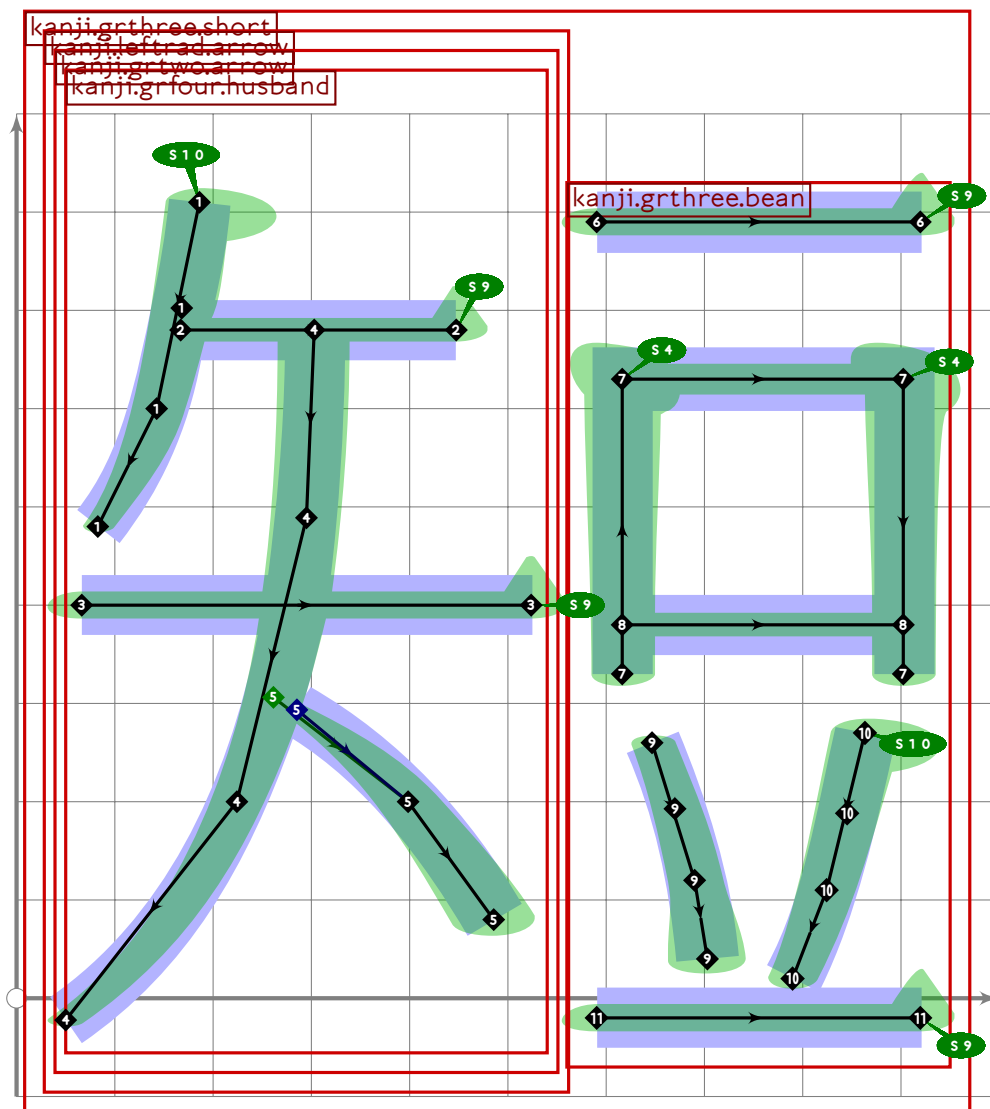
```
1 %
2 % Unicode page 77 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefour.mp;
39 input gradeone.mp;
40 input 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.sscale(scaled 0.80 shifted (0,100))(kanji.grone.eye);
54     build_kanji.cup((120,580),(880,20));
55     set_bosize(-1,0);
56     set_bosserif(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_bosserif(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;

```

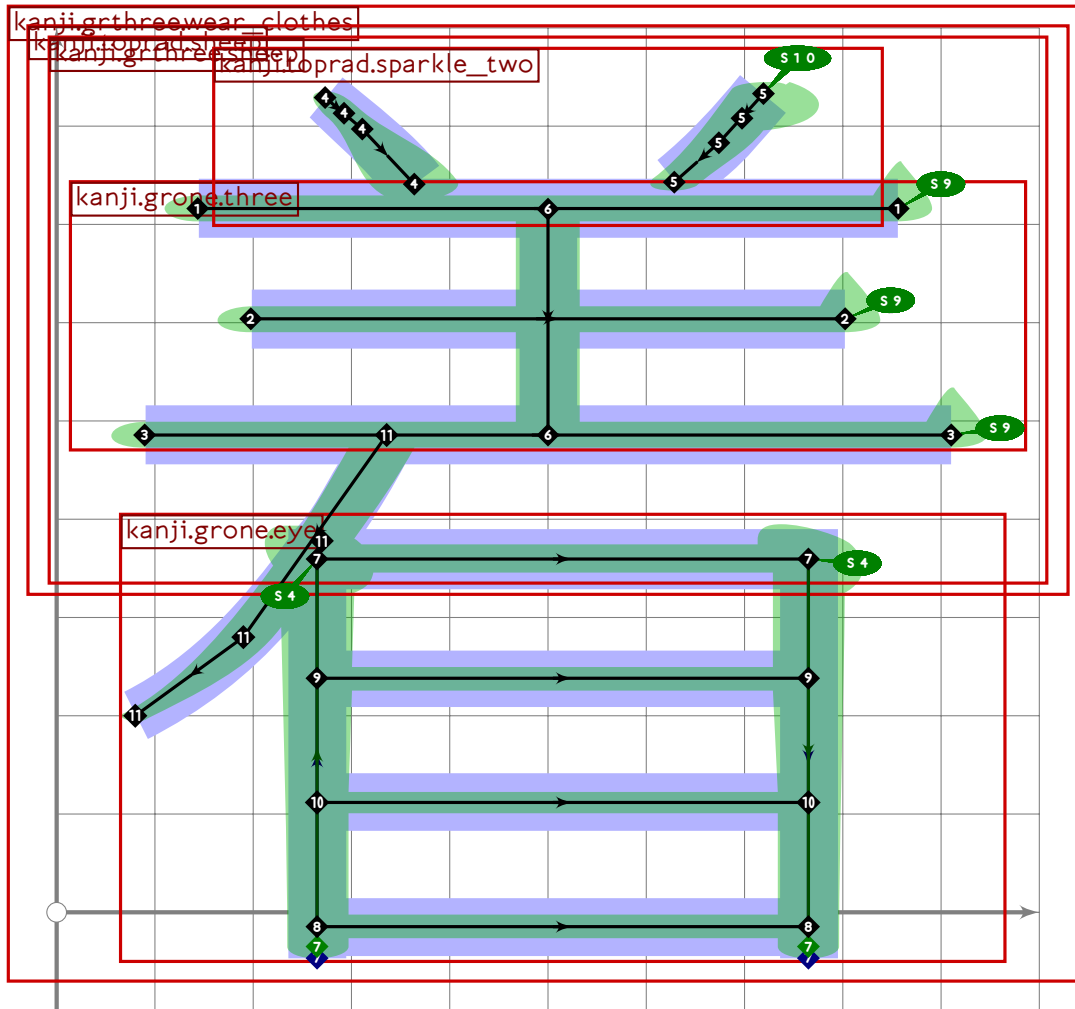


```

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;

```

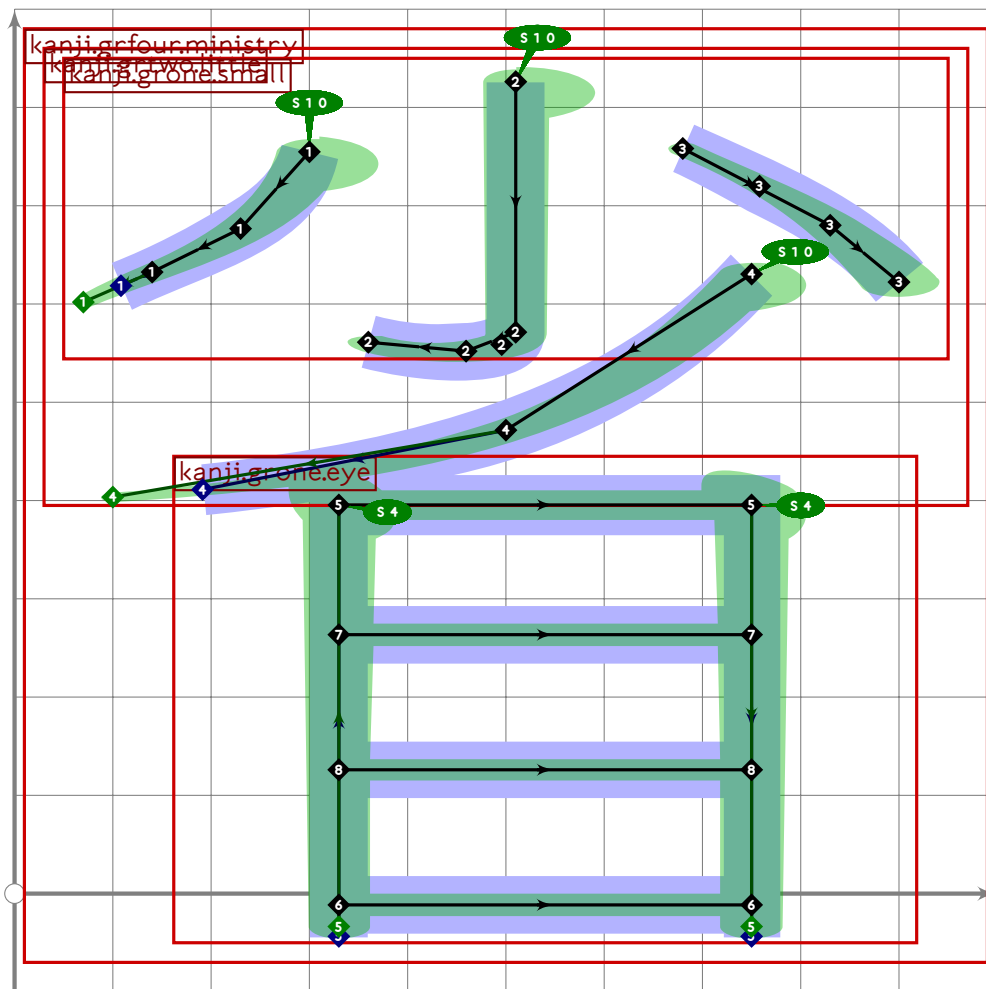




```

73
74 vardef kanji.grthree_wear_clothes =
75   push_pbox_toexpand("kanji.grthree_wear_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.eyel));
80   push_stroke(
81     (point 0.30 of get_stroke(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

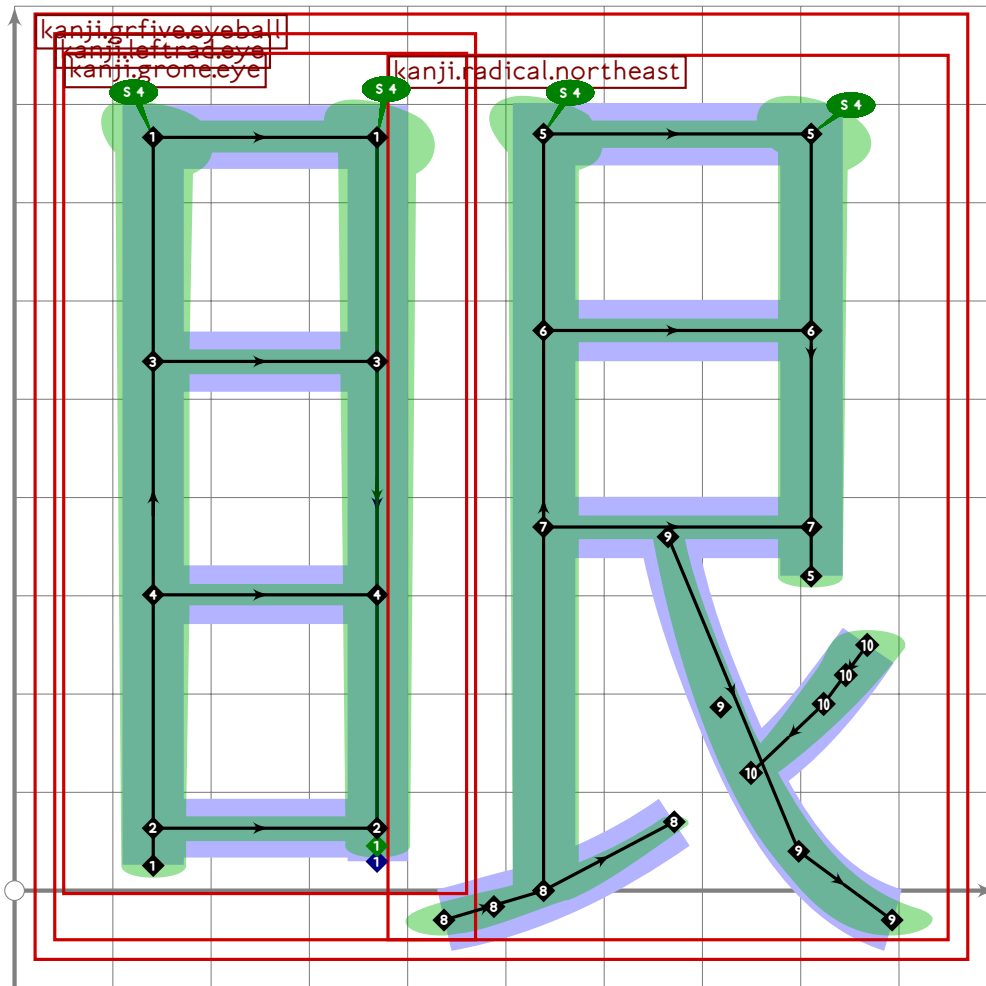
```



```

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

```

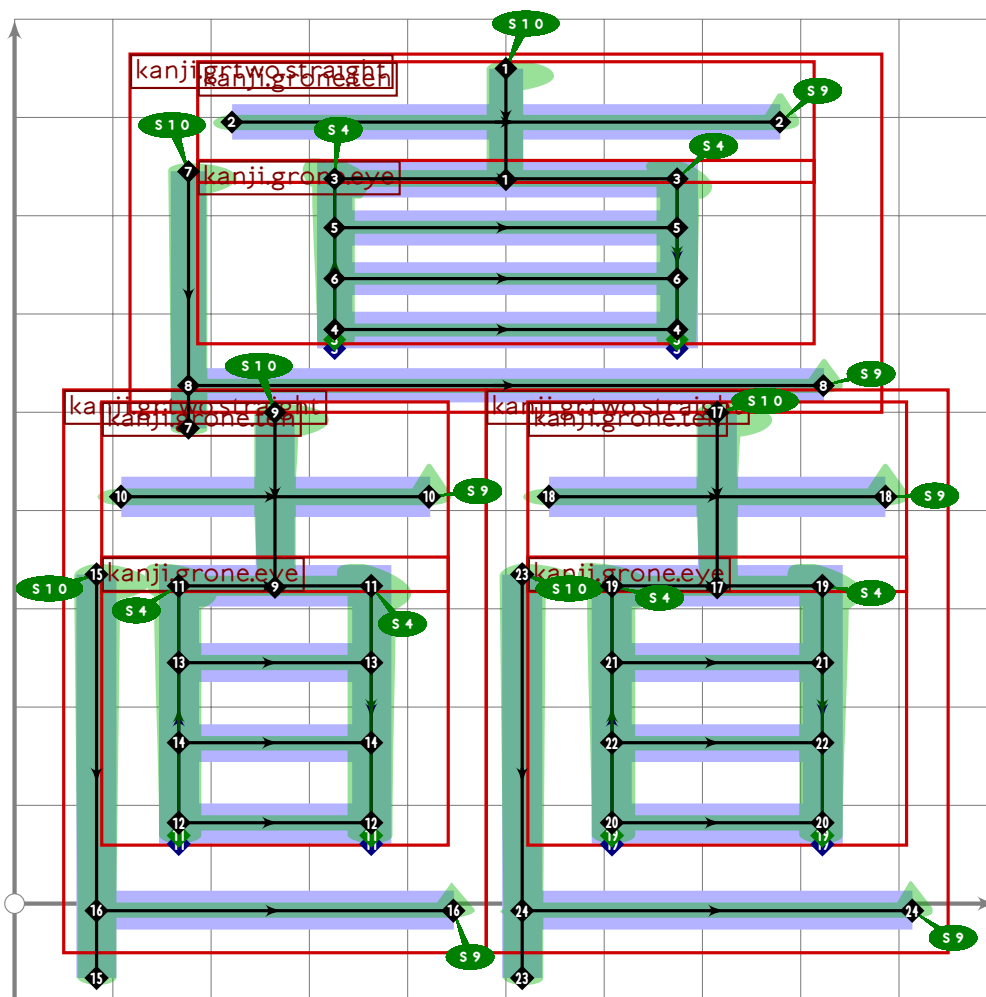


```

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.sscaled(yscaled 0.95 shifted (0,25))(kanji.grone.eyeball);
111   replace_strokep(-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.triclust(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

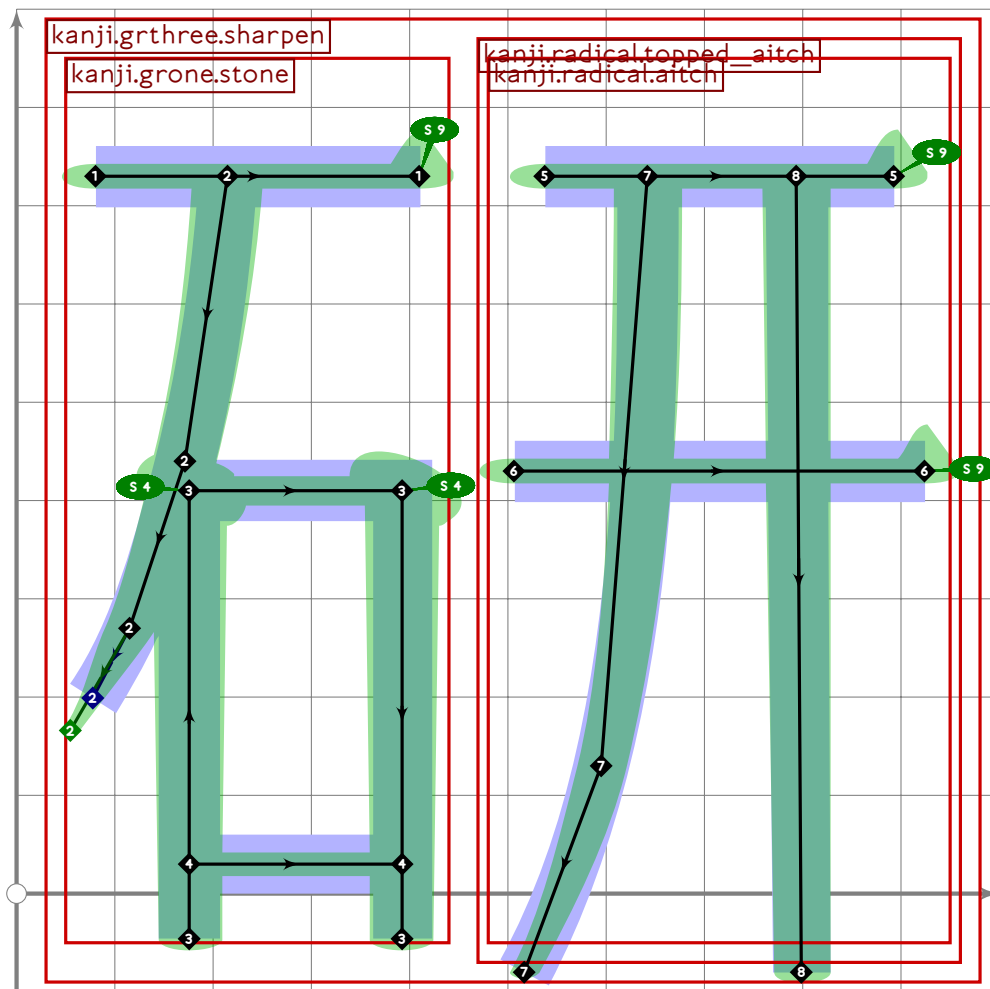
```
1 %
2 % Unicode page 78 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```

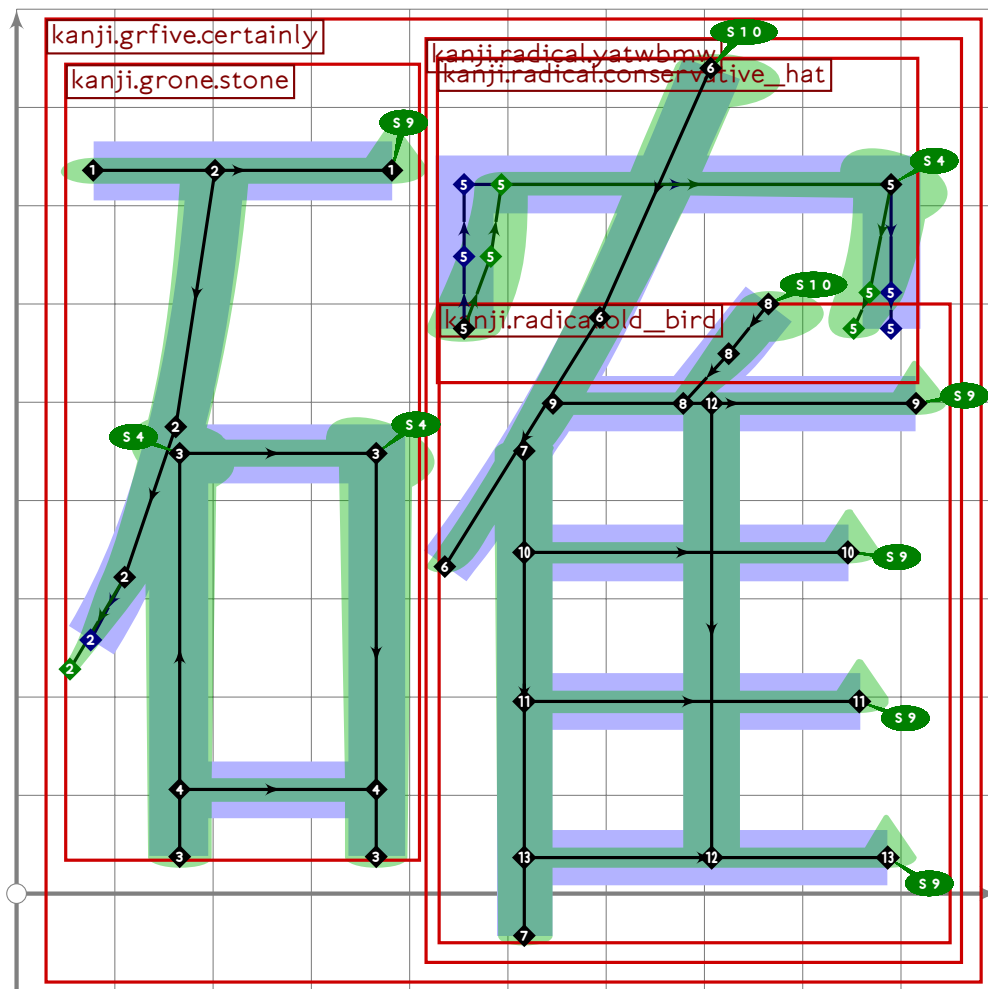


```

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

```

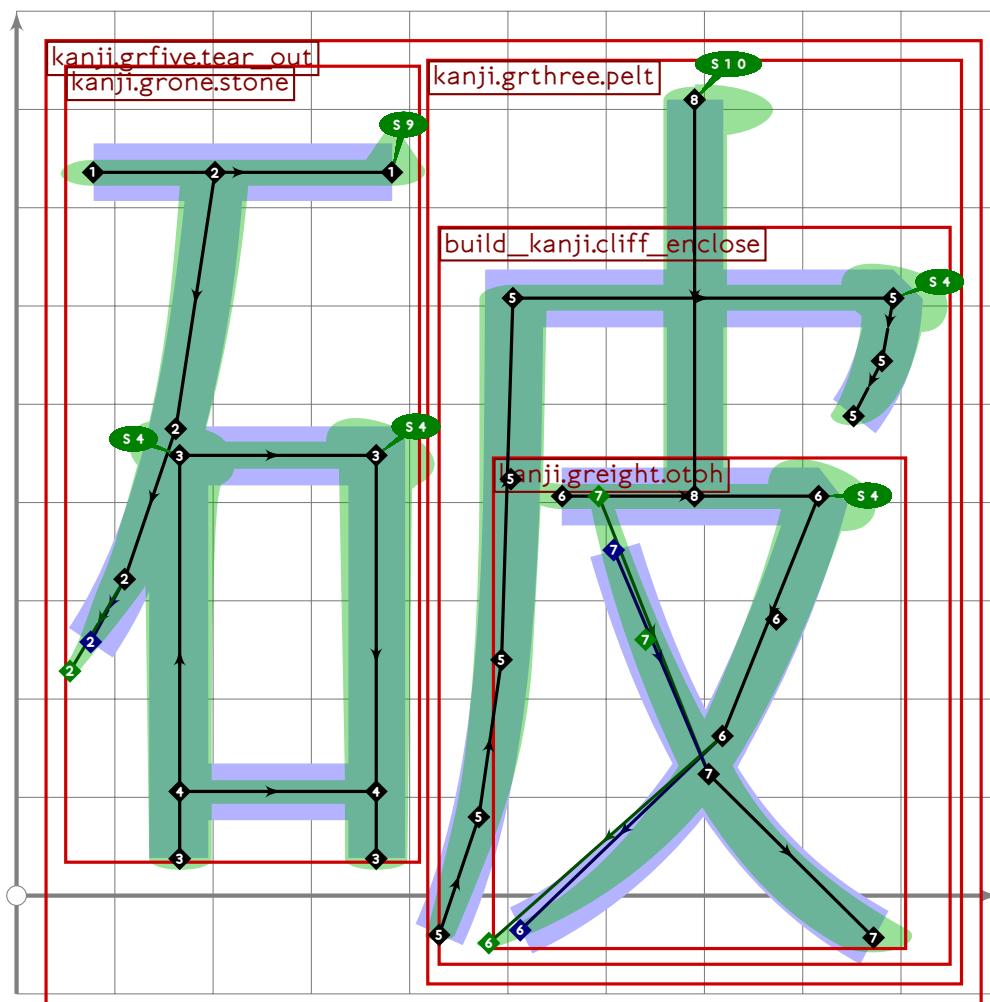




```

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;
80
81 % ha/yabu "tear out"
82 begintsuglyph("uni7834";52);
83   kanji.grfive.tear_out;
84   tsu_render;

```

[see page 3568]

[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

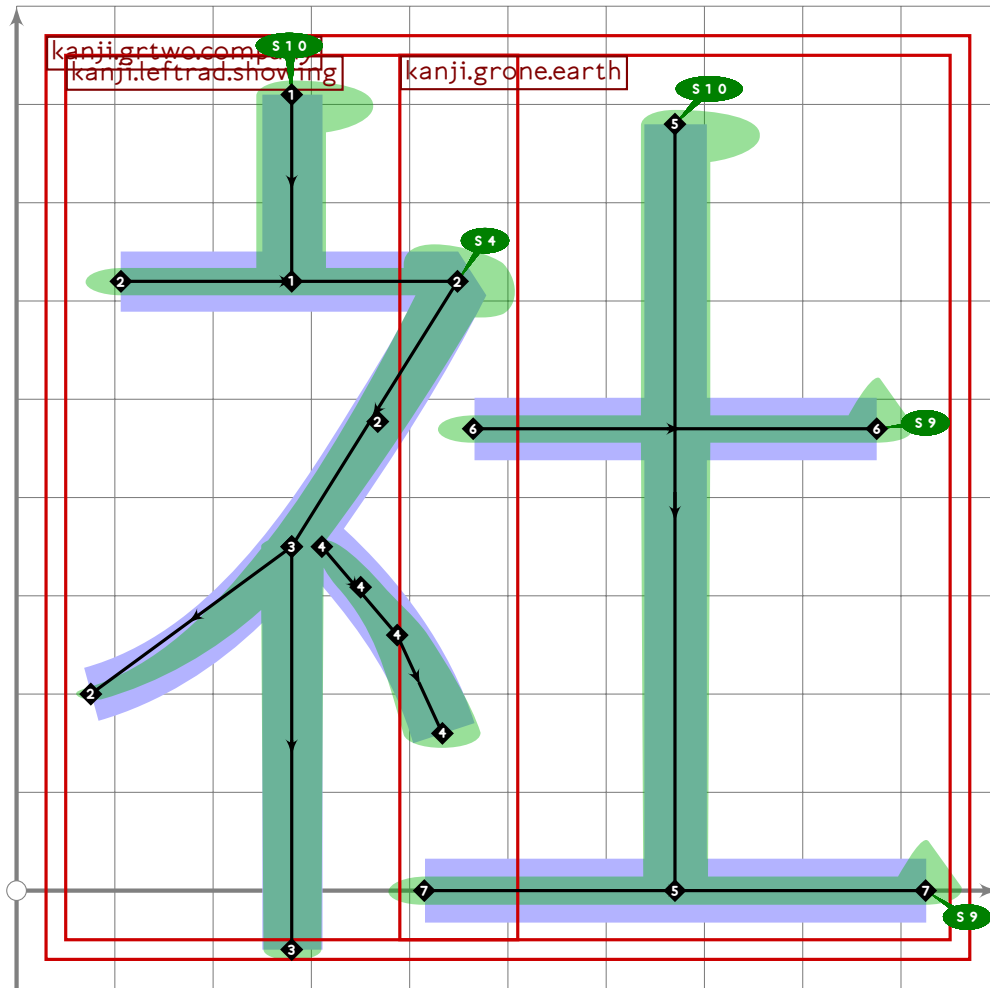
```
1 %
2 % Unicode page 79 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

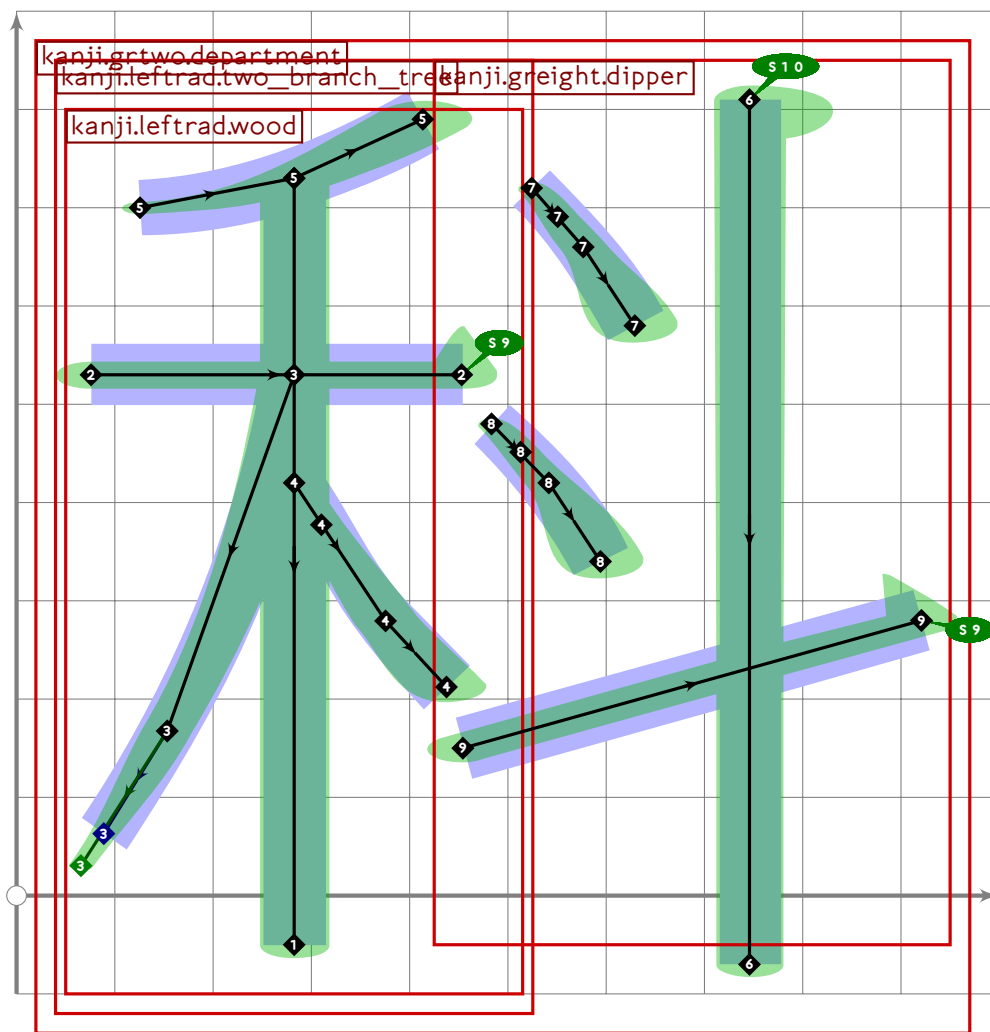

```



```

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;

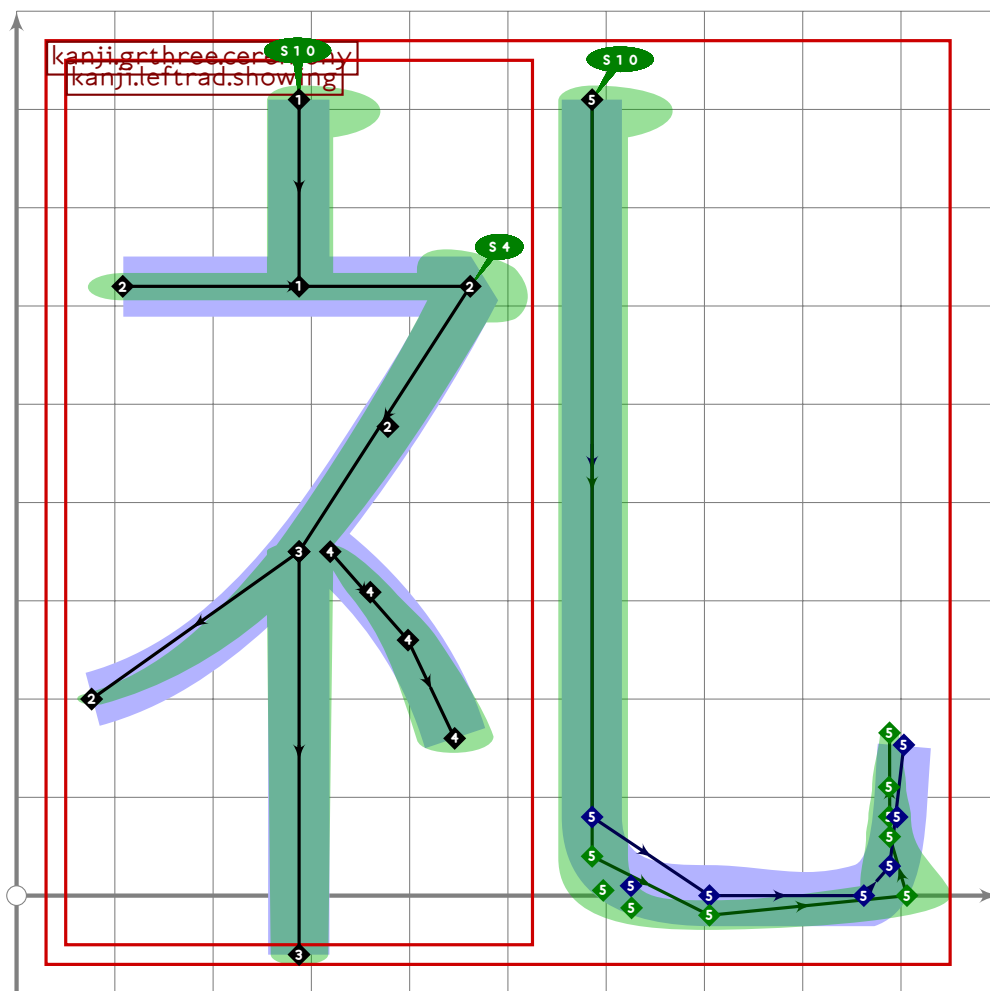
```



```

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

```

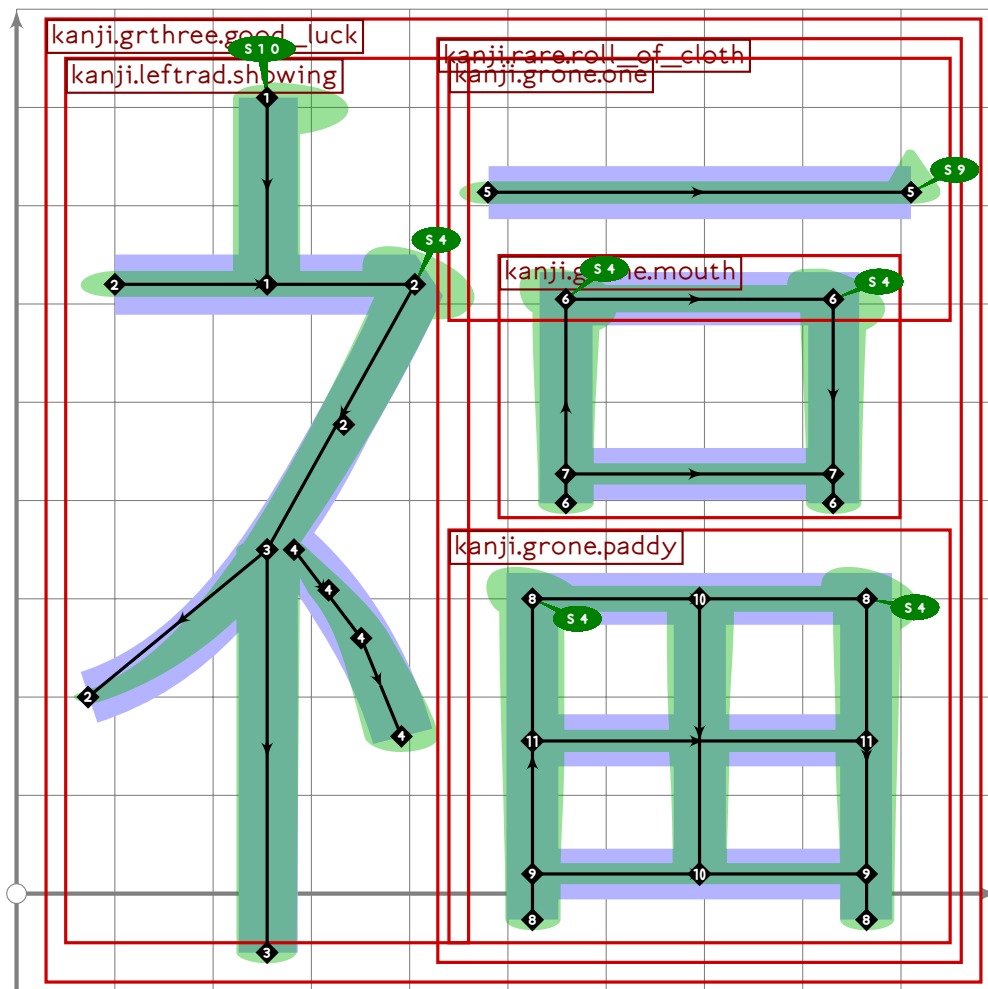


```

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;

```

U+798F  
tsuku.uni798F

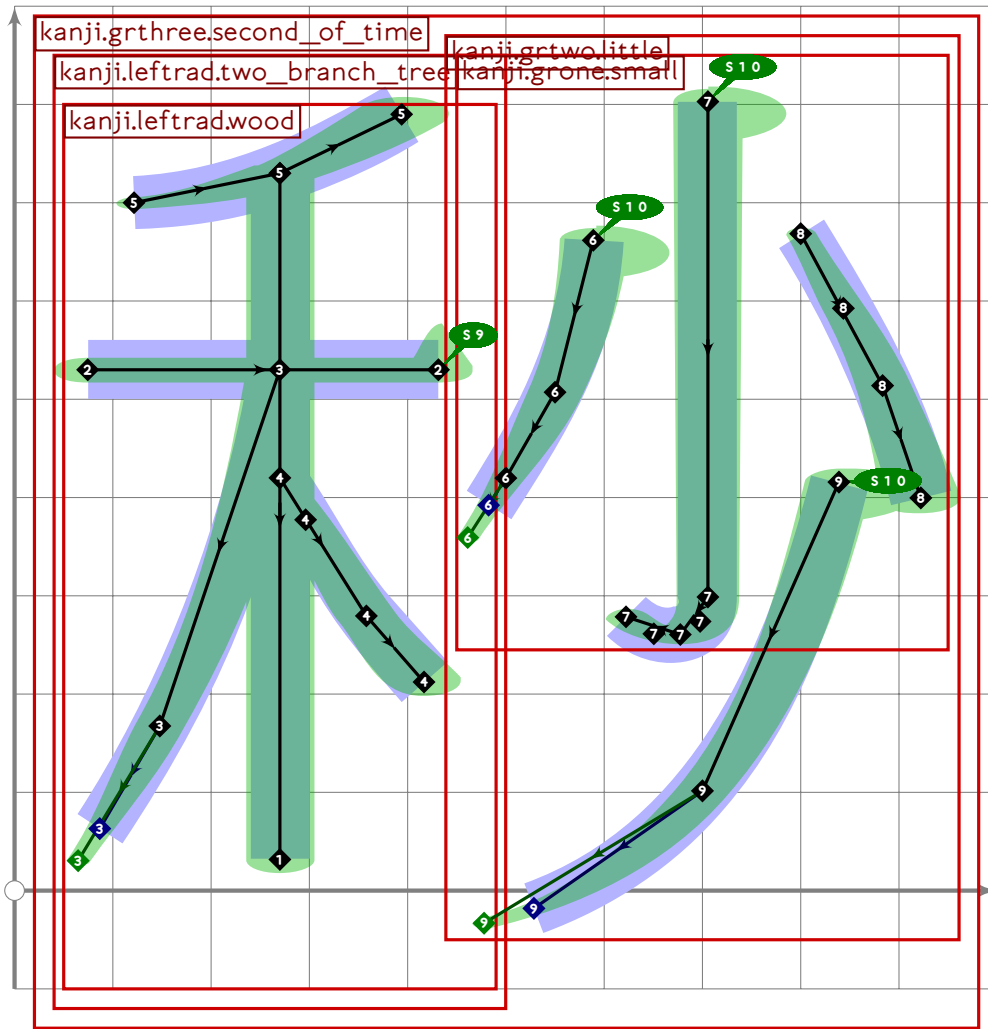


```

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;

```

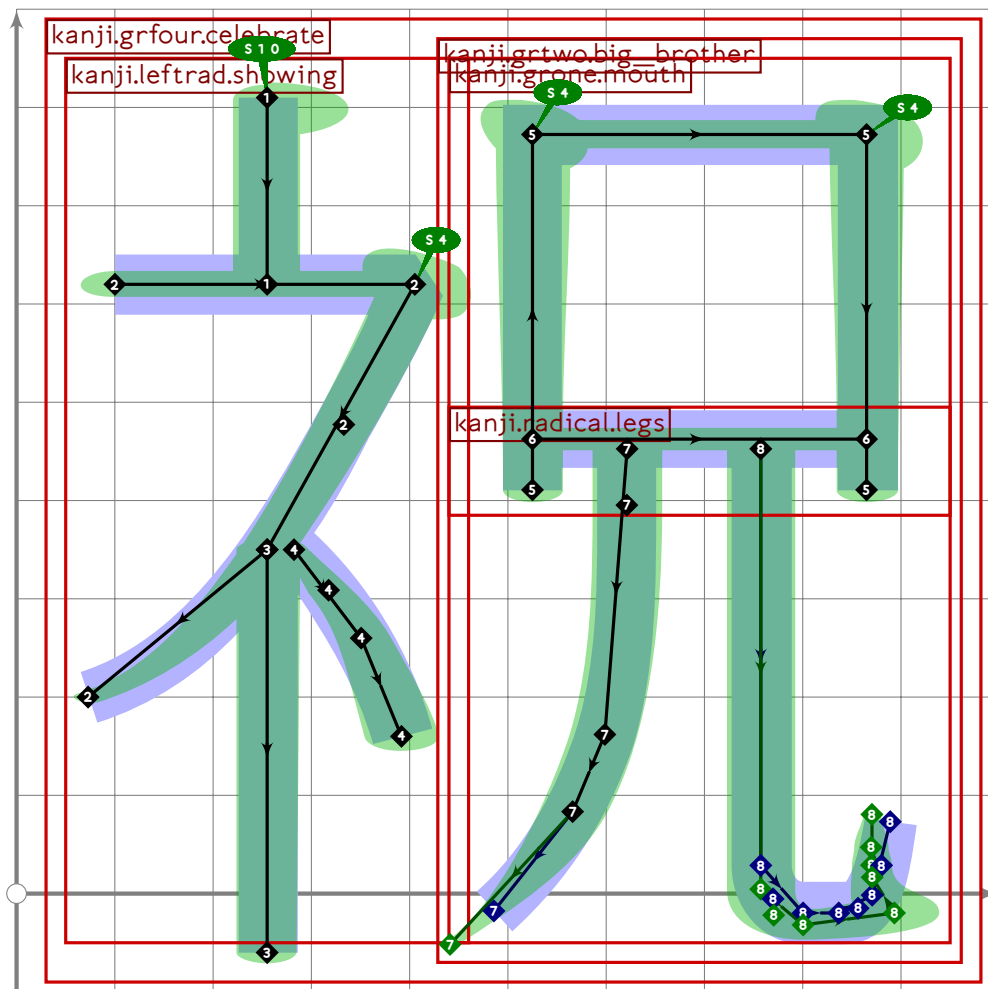




```

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

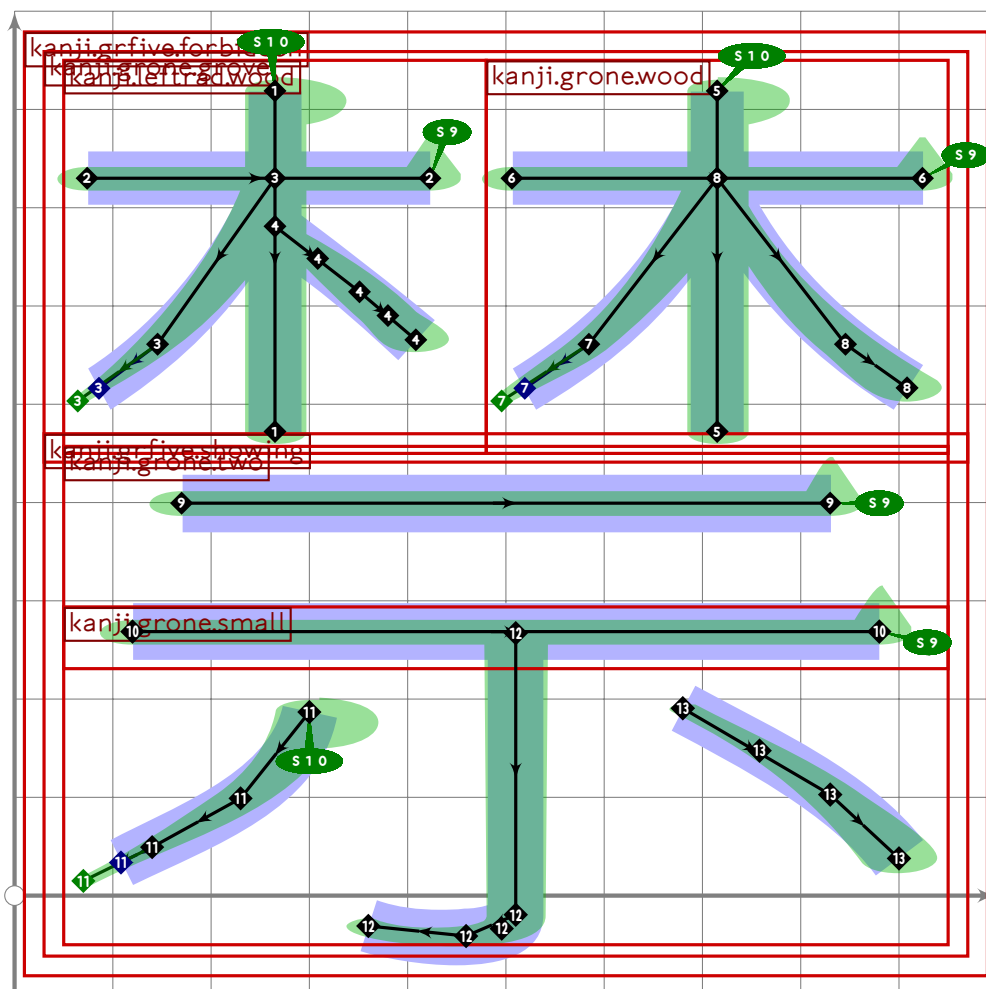
```



```

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

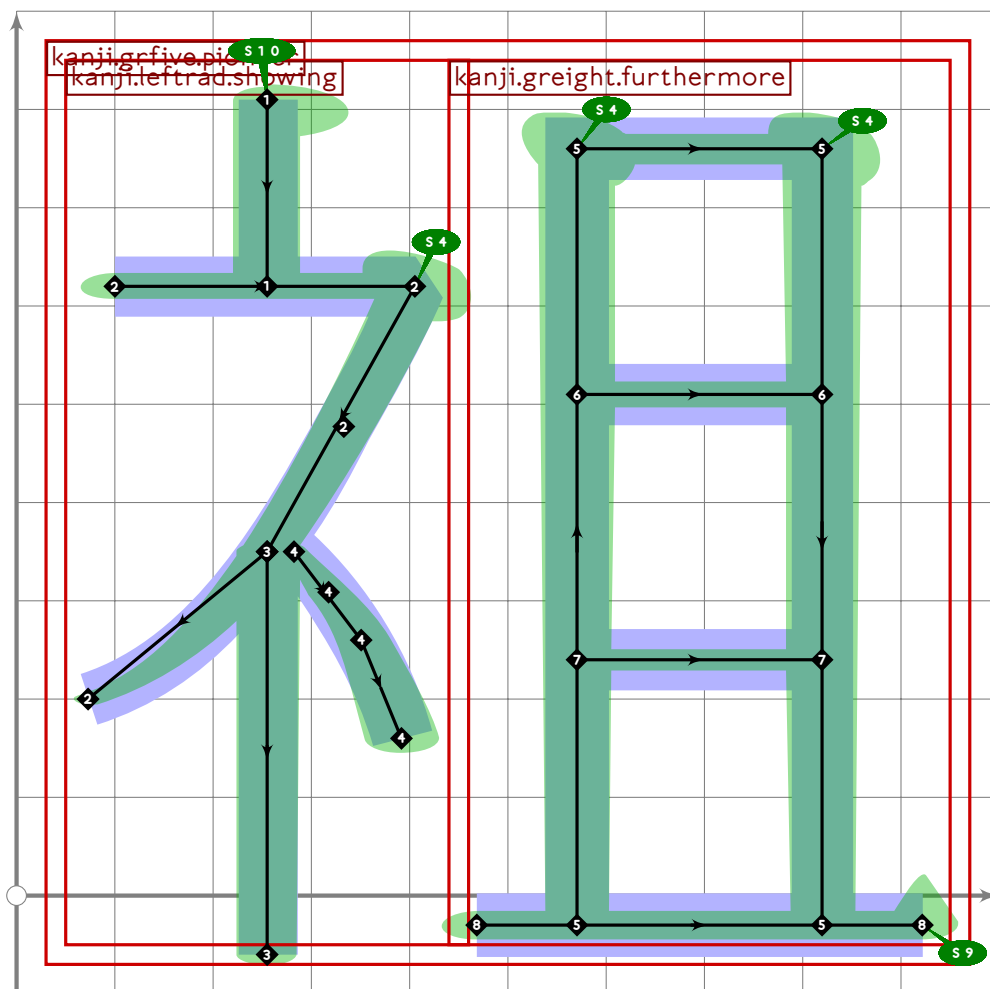
```



```

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;

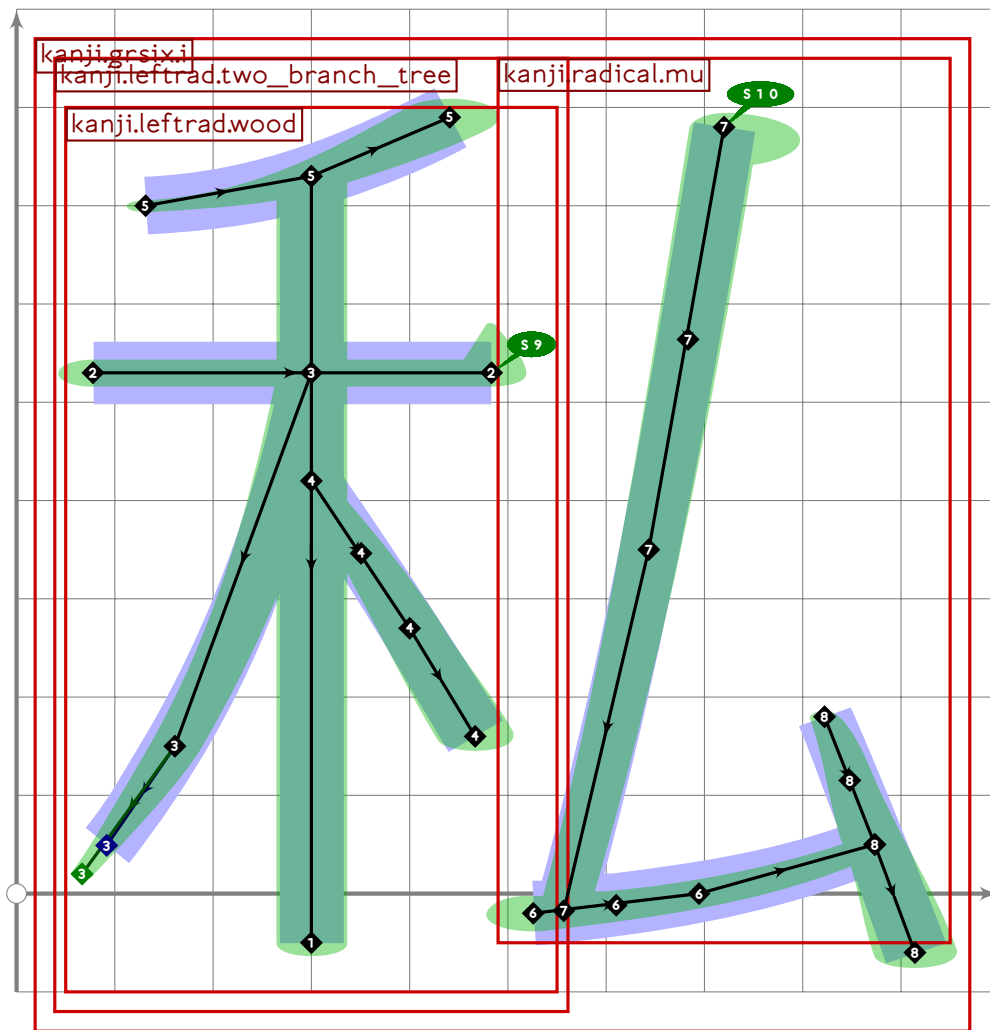
```



```

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

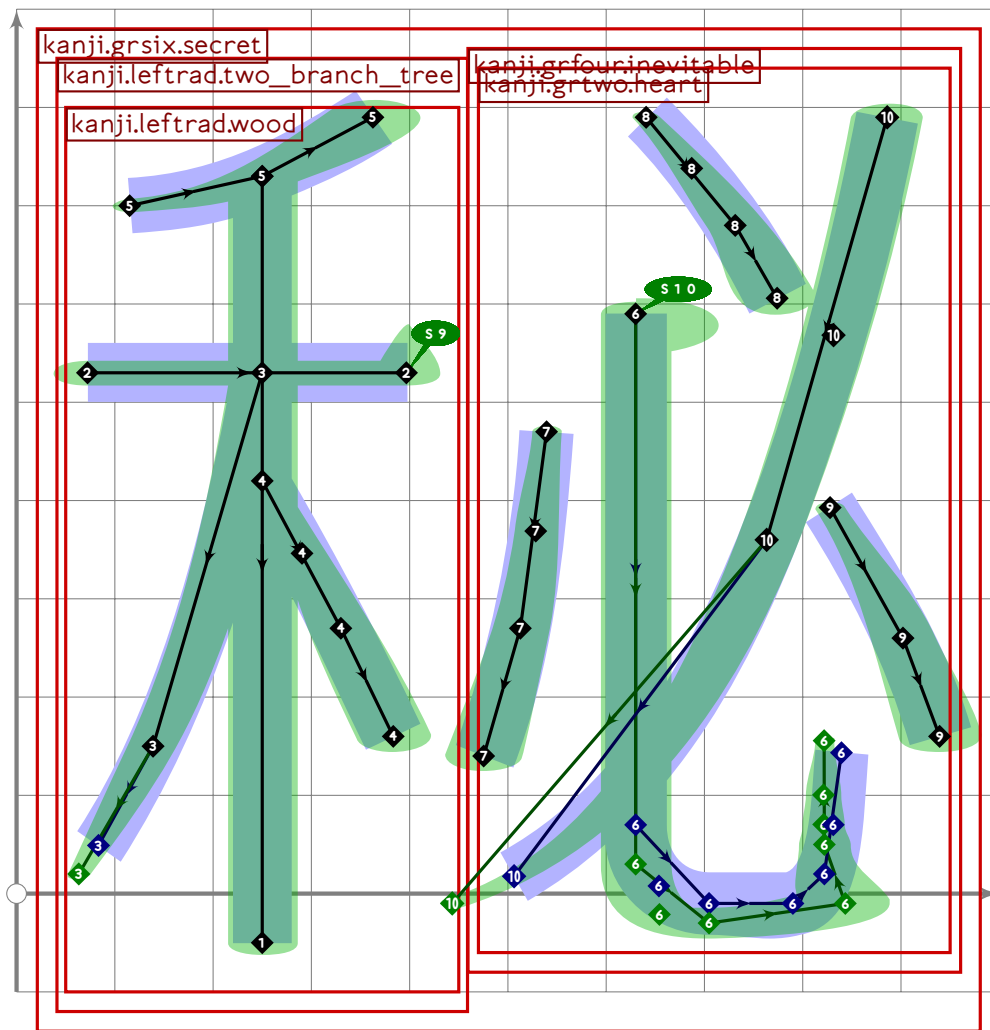
```



```

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;

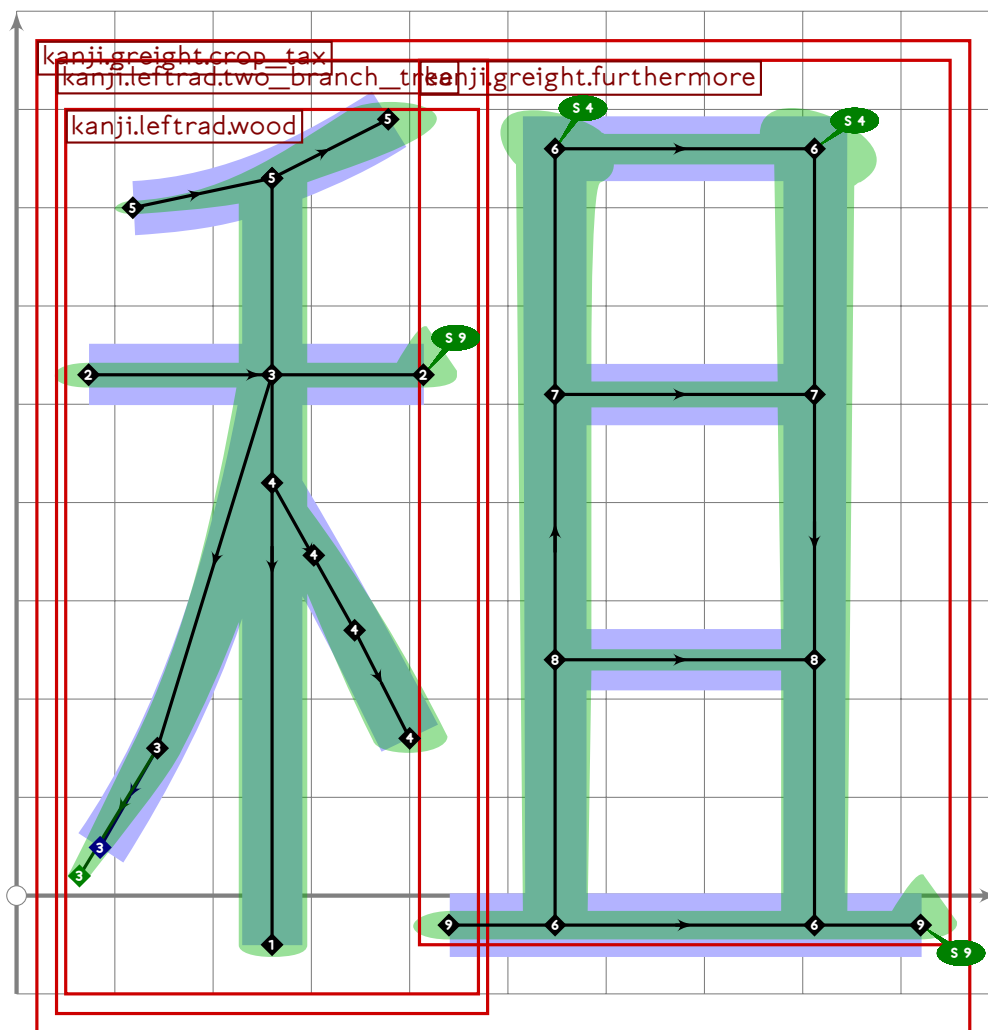
```



```

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.grfour.inevitable));
146   expand_pbox;
147 enddef;
148
149

```

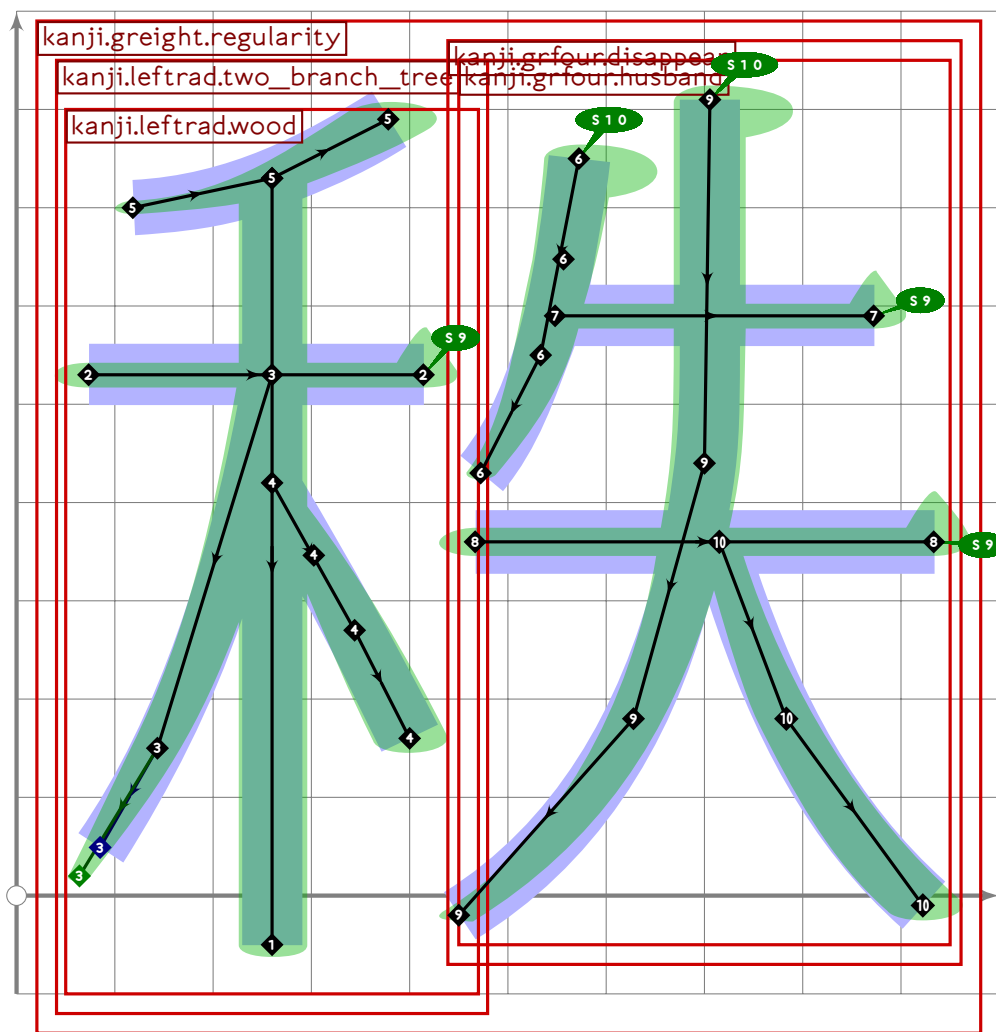


```

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;

```

U+79E9  
tsuku.uni79E9

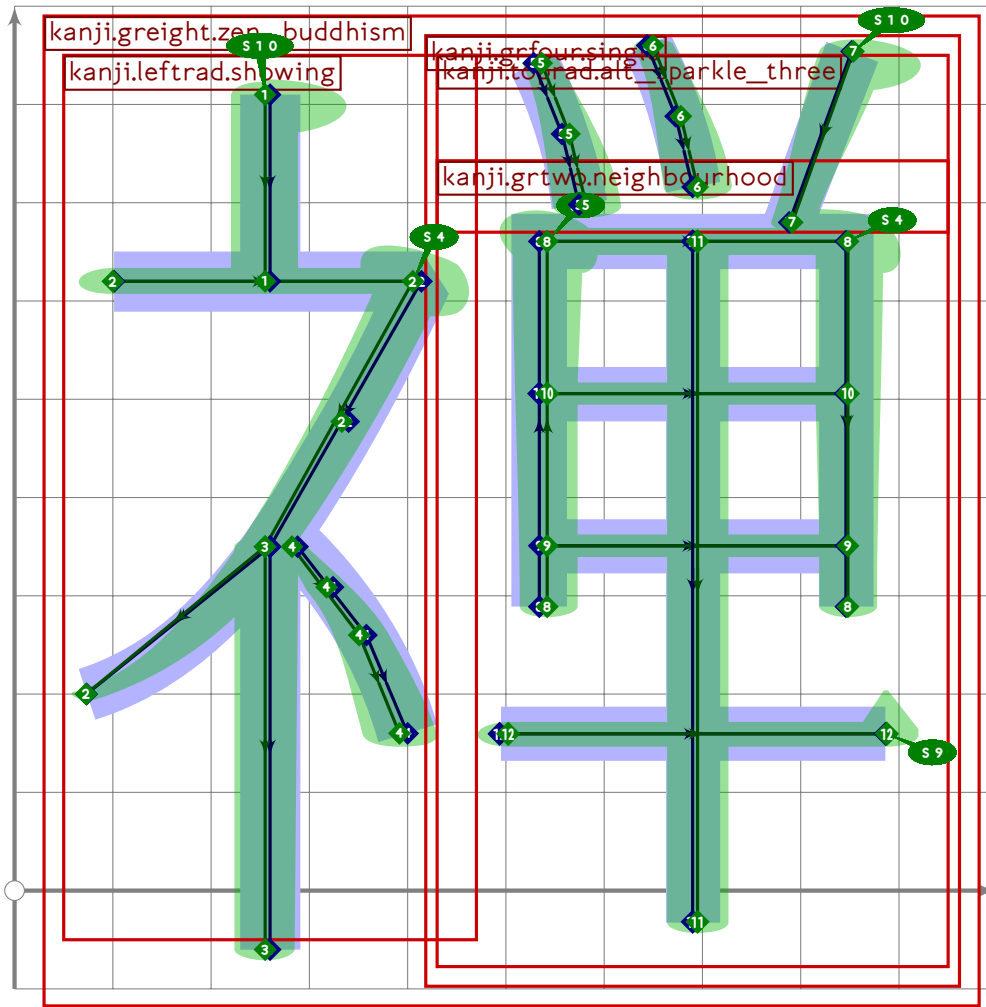


```

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.disappear);
164   expand_pbox;
165 enddef;

```

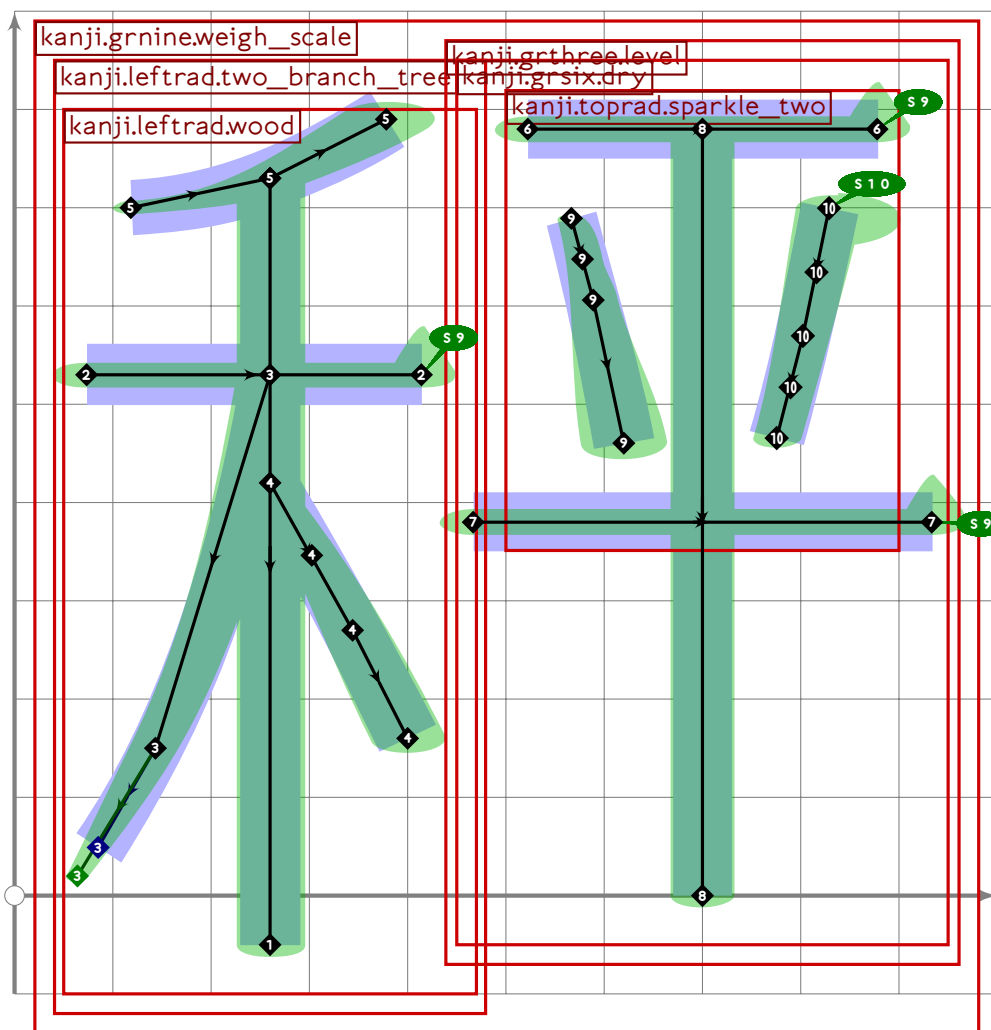




```

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);
189   kanji.grfive.showing;
190   tsu_render;
191 endtsuglyph;
192
193 % "showing" radical (simple, more popular form)
194 begintsuglyph("uni793B";59);
195   kanji.leftrad.showing;

```

[see page 804]

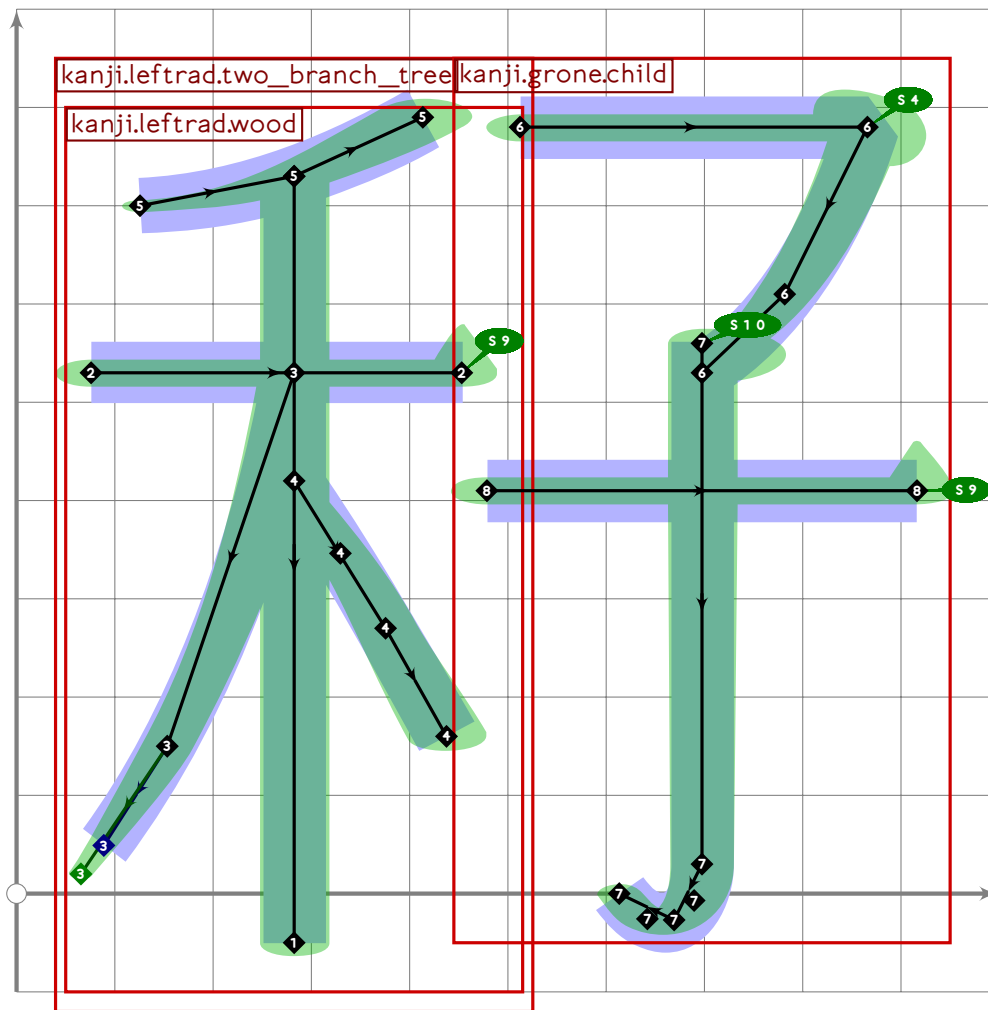
[see page 855]

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

```

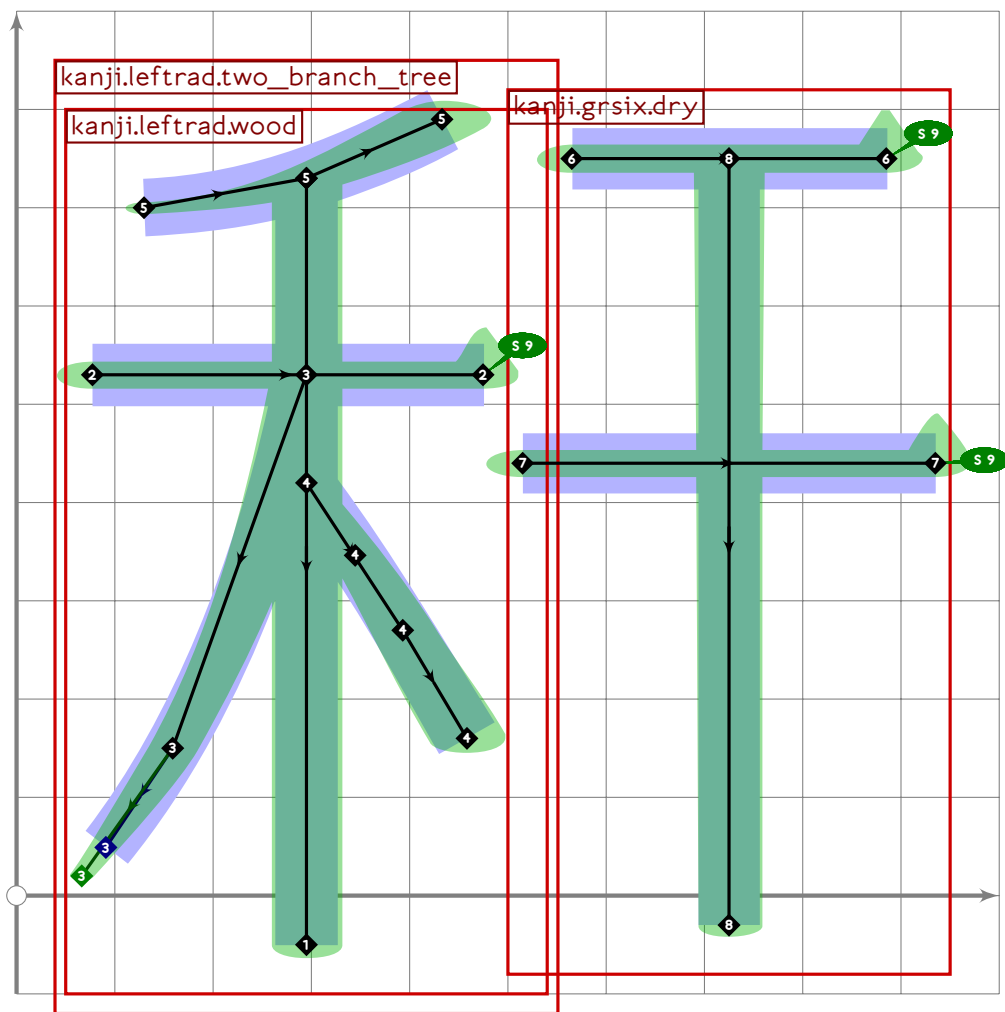


```

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

```

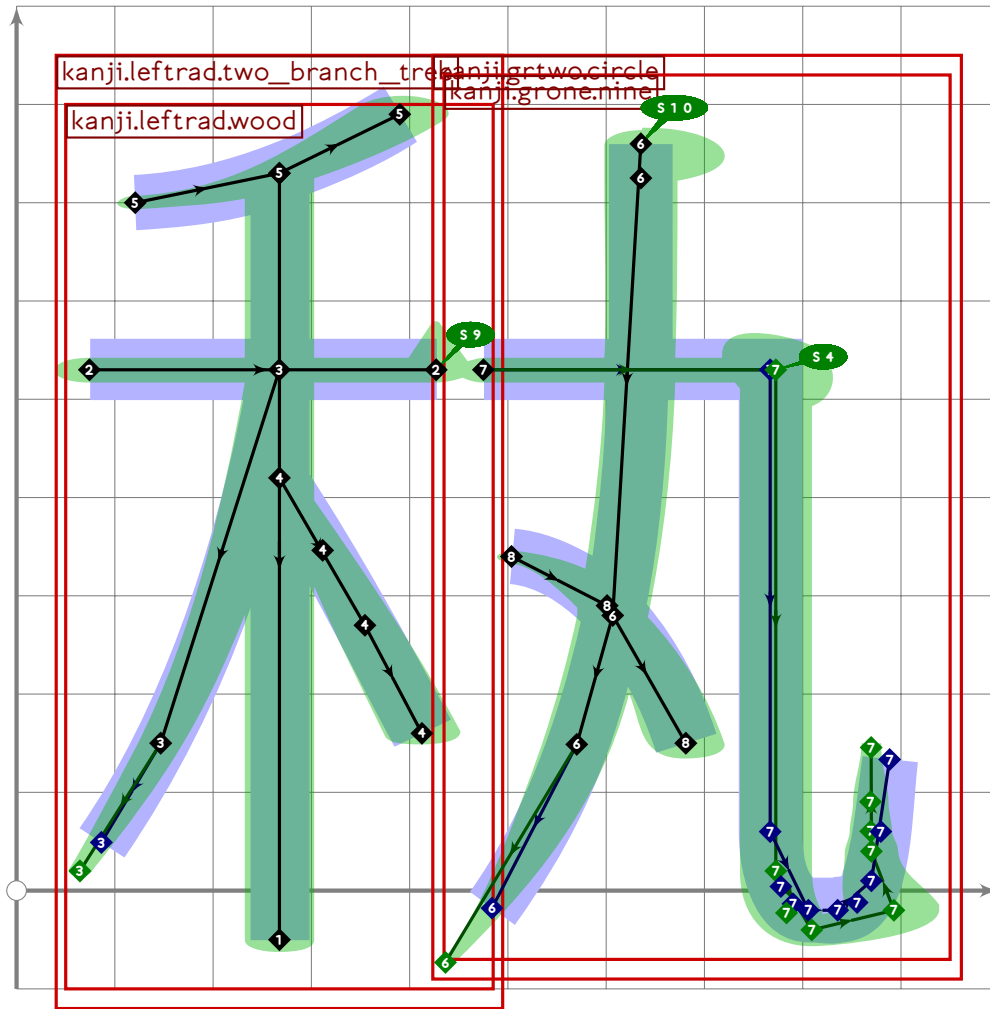
U+79C6  
tsuku.uni79C6



```

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 endtsuglyph;
292

```

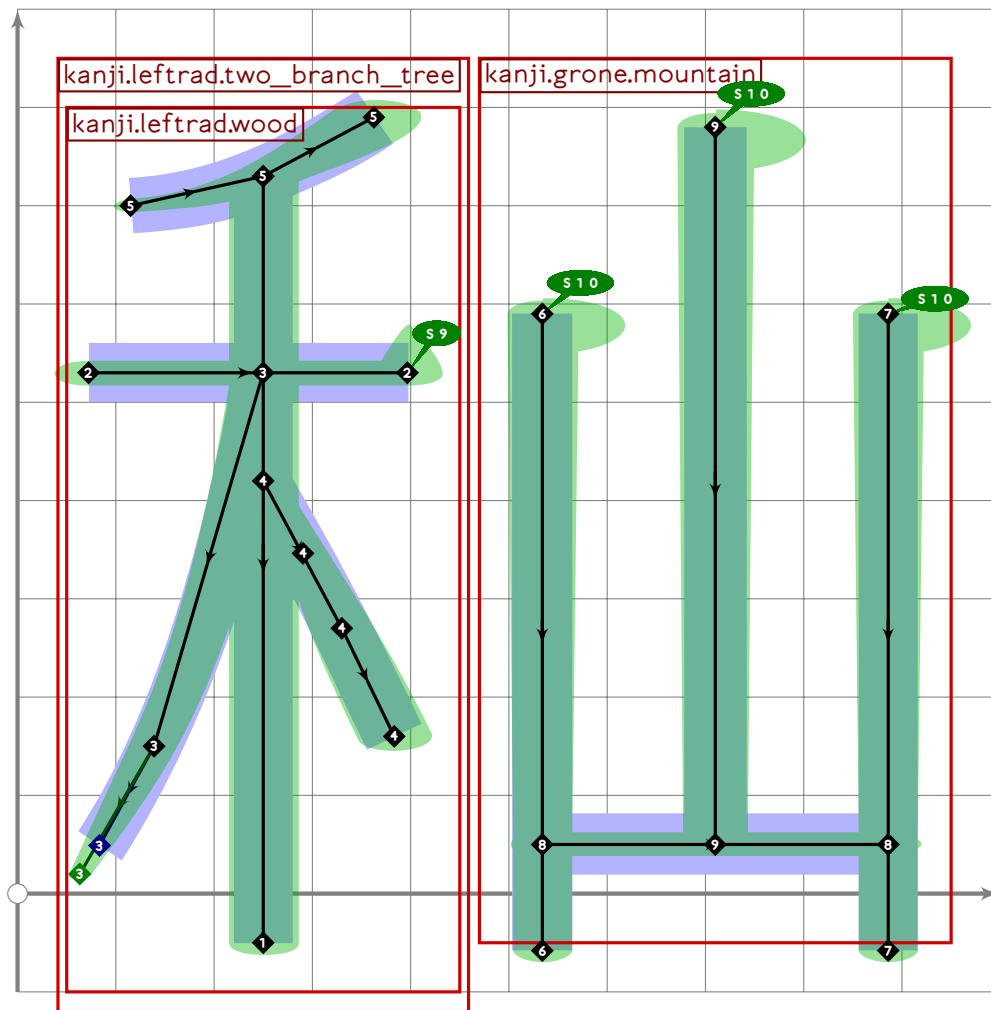


```

293 % extra
294 beginsuglyph("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 endsuglyph;
300

```

U+79C8  
tsuku.uni79C8

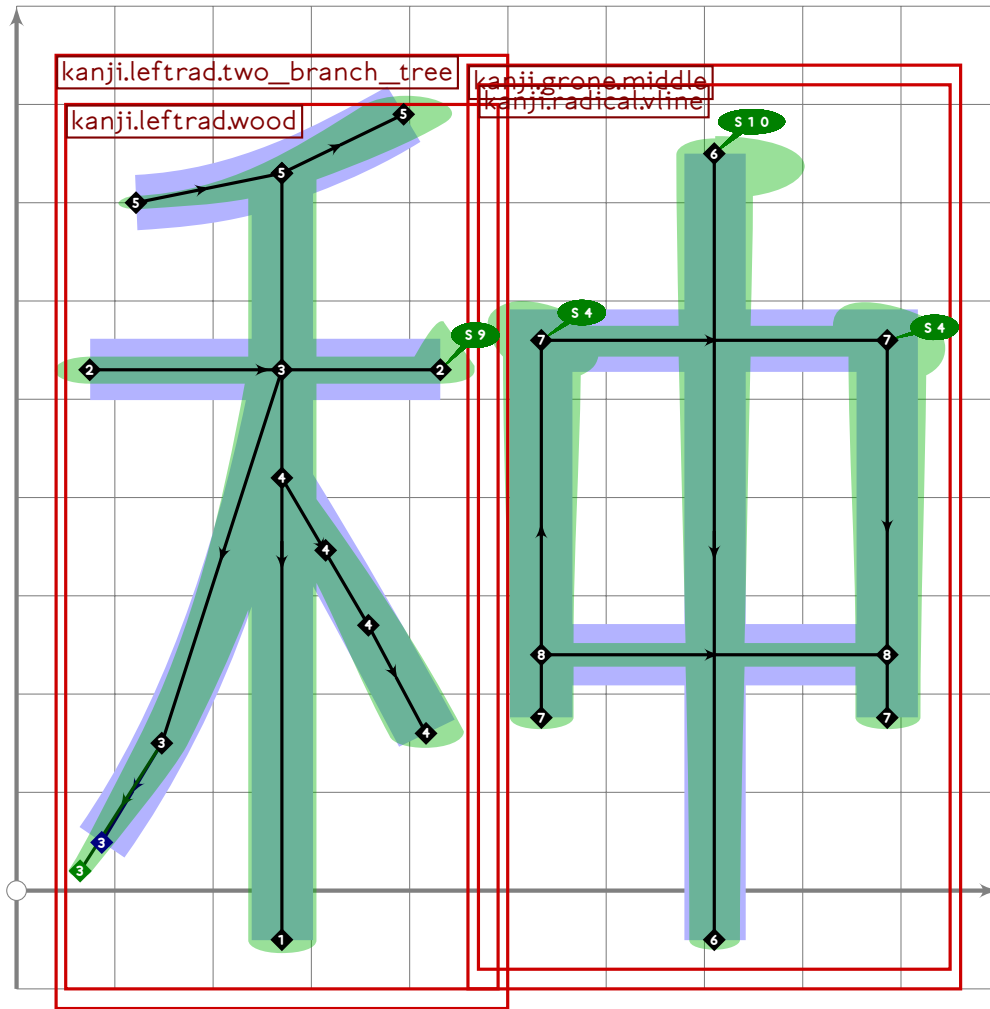


```

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 endtsuglyph;
308
309 % shuu/aki "autumn"
310 begintsuglyph("uni79CB";203);
311   kanji.grtwo.autumn;
312   tsu_render;
313 endtsuglyph;
314
```

[see page 495]



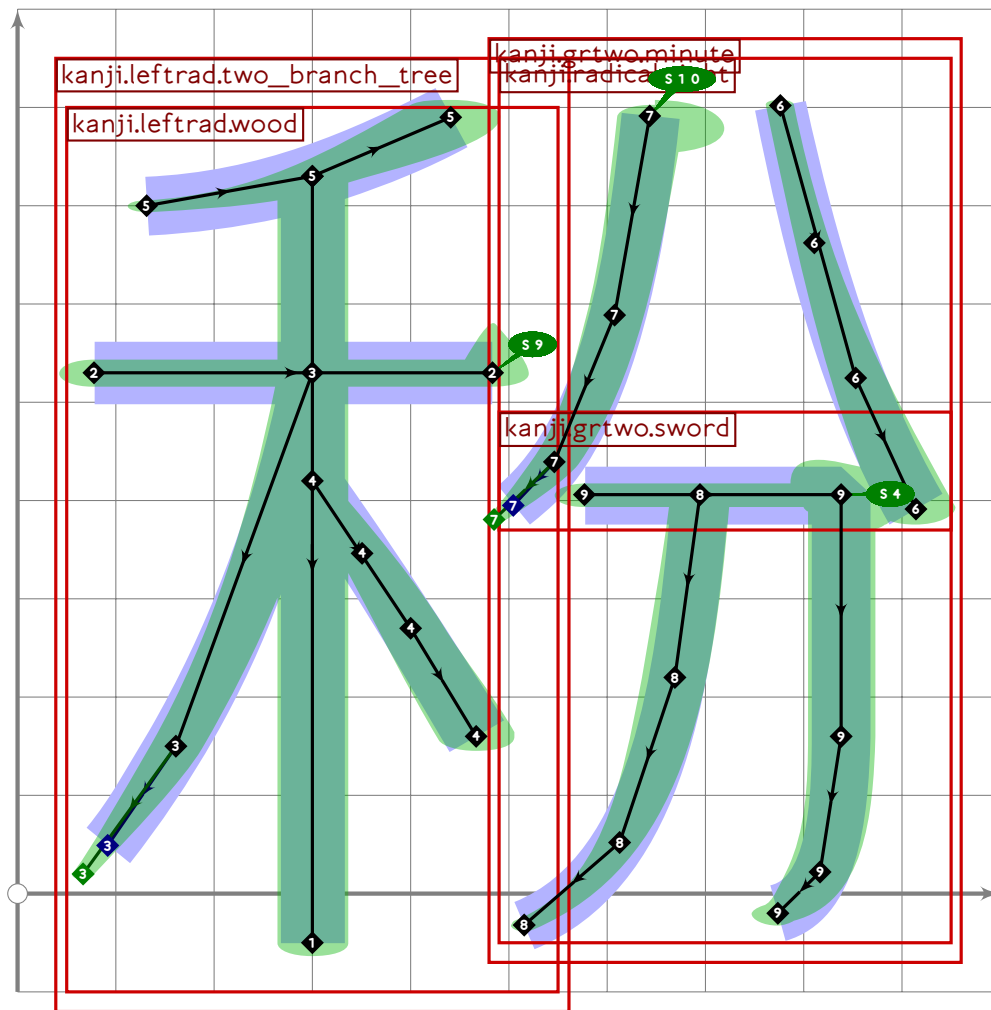


```

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 endtsuglyph;
322

```

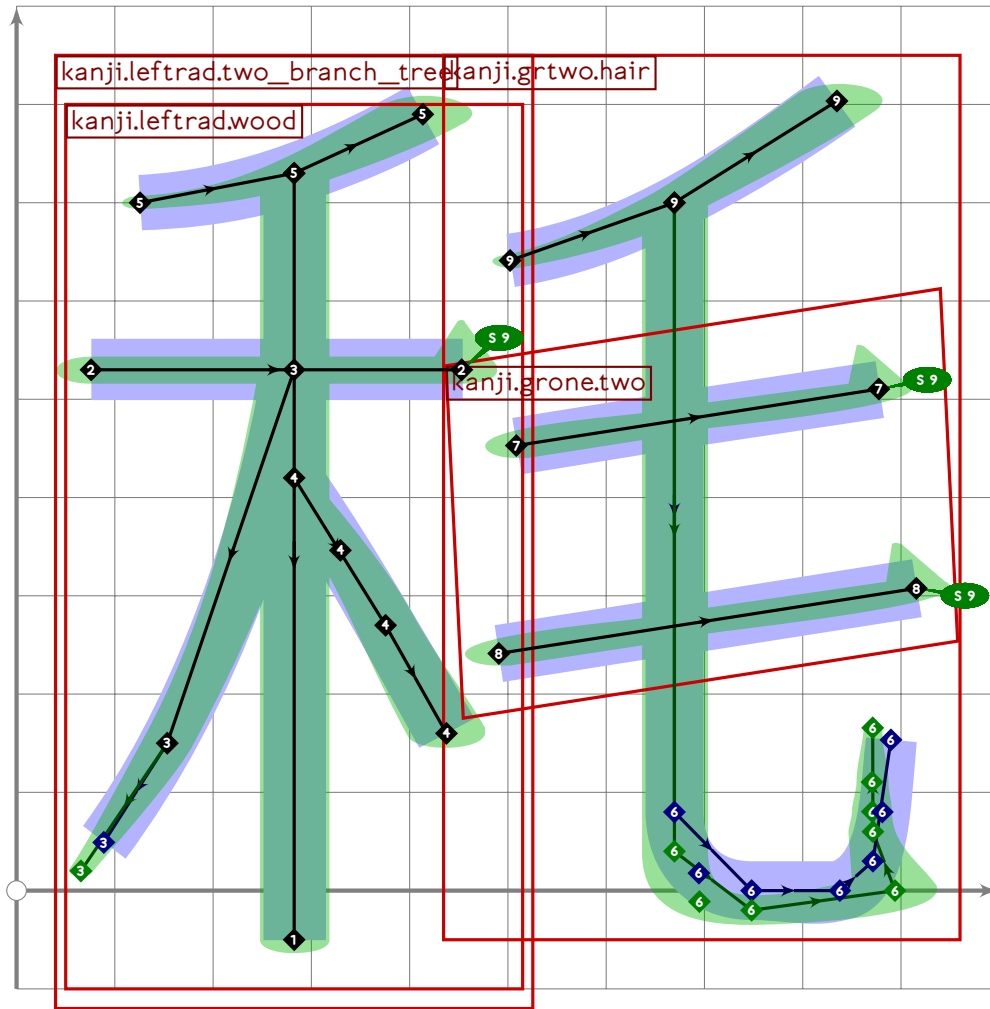
U+79CE  
tsuku.uni79CE



```

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 endtsuglyph;
330

```

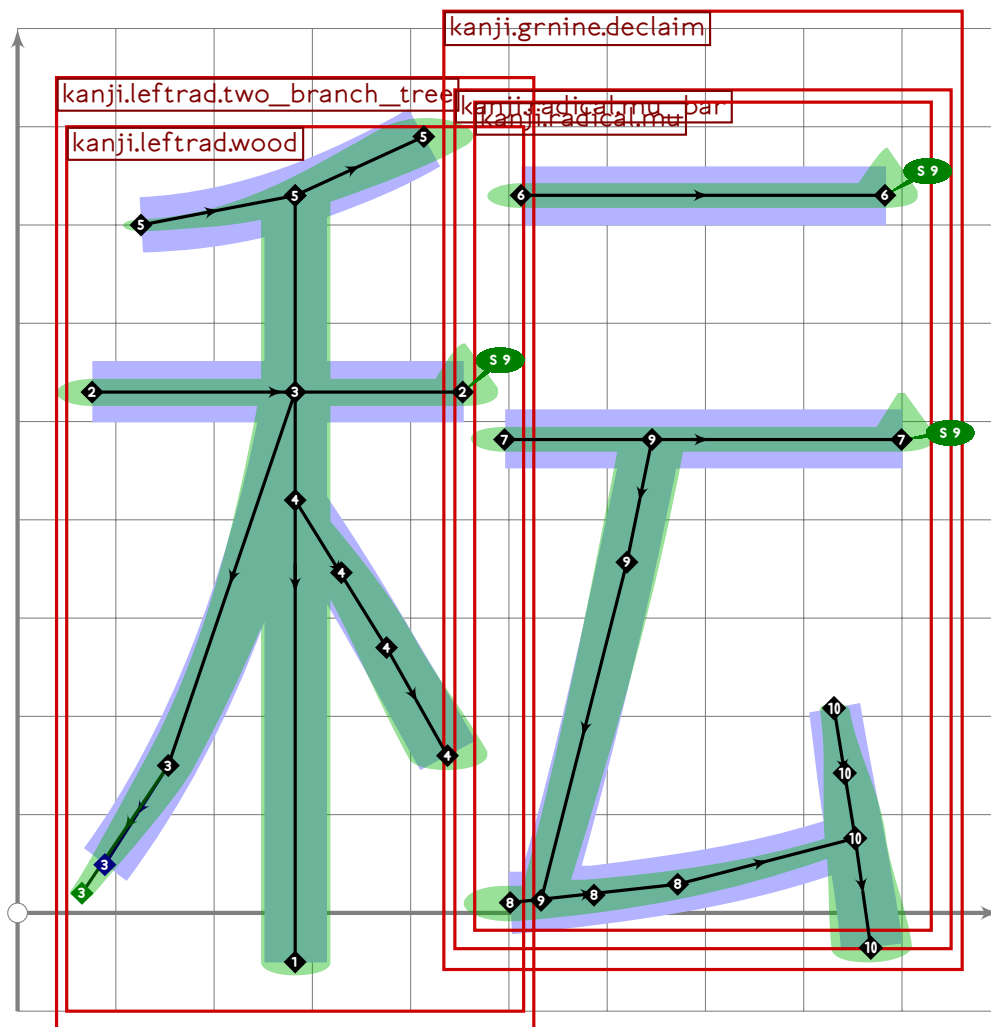


```

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 endtsuglyph;
338

```

U+79D0  
tsuku.uni79D0

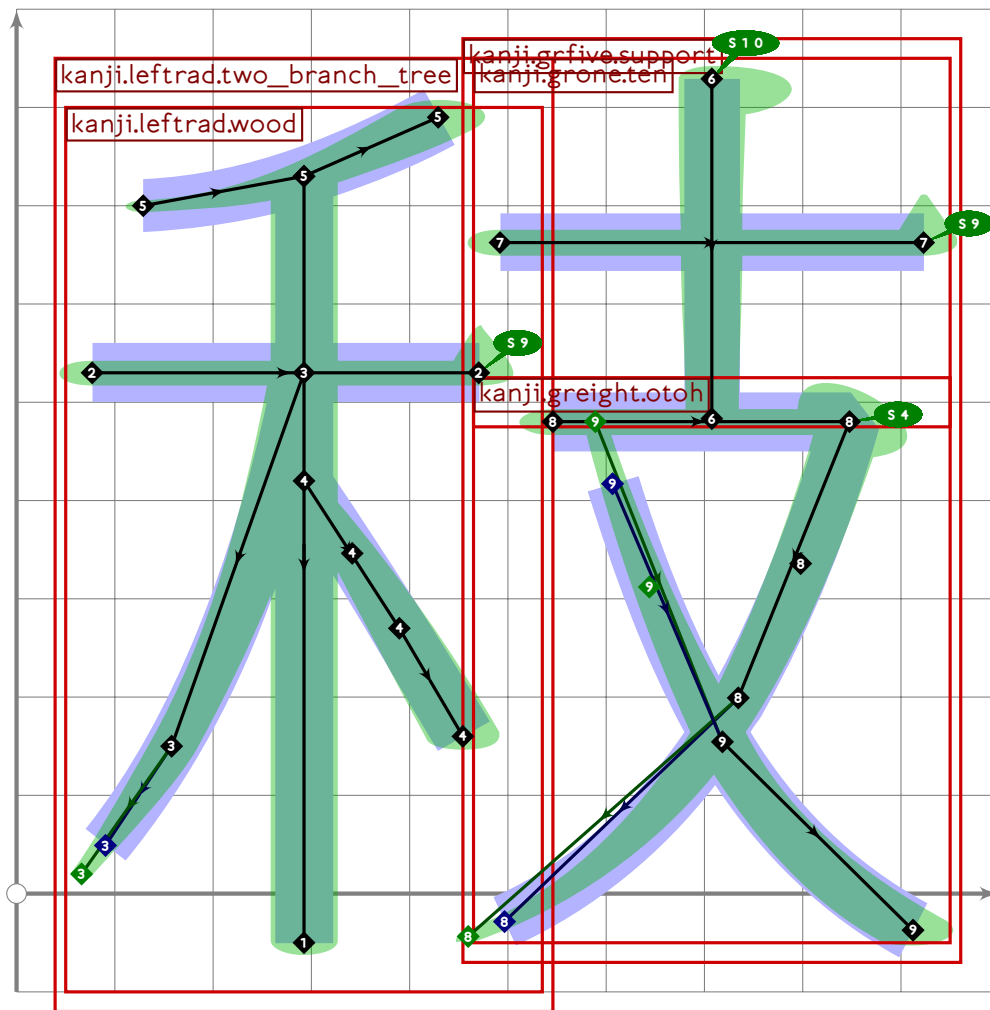


```

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 endtsuglyph;
346
347 % ka "department"
348 begintsuglyph("uni79D1";209);
349   kanji.grtwo.department;
350   tsu_render;
351 endtsuglyph;
352
353 % byou "second of time"
354 begintsuglyph("uni79D2";210);
355   kanji.grthree.second_of_time;
356   tsu_render;
357 endtsuglyph;
358
```

[see page 3574]

[see page 3577]

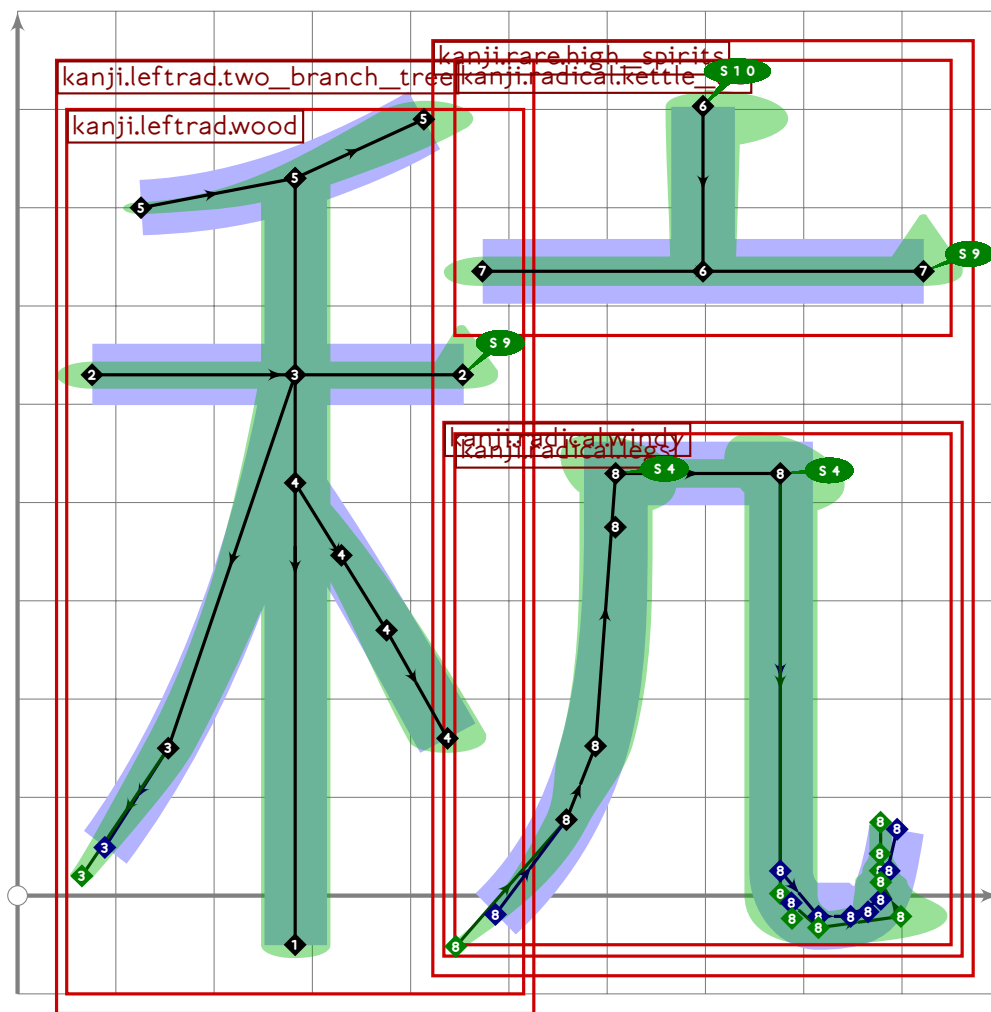


```

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 endtsuglyph;
366

```

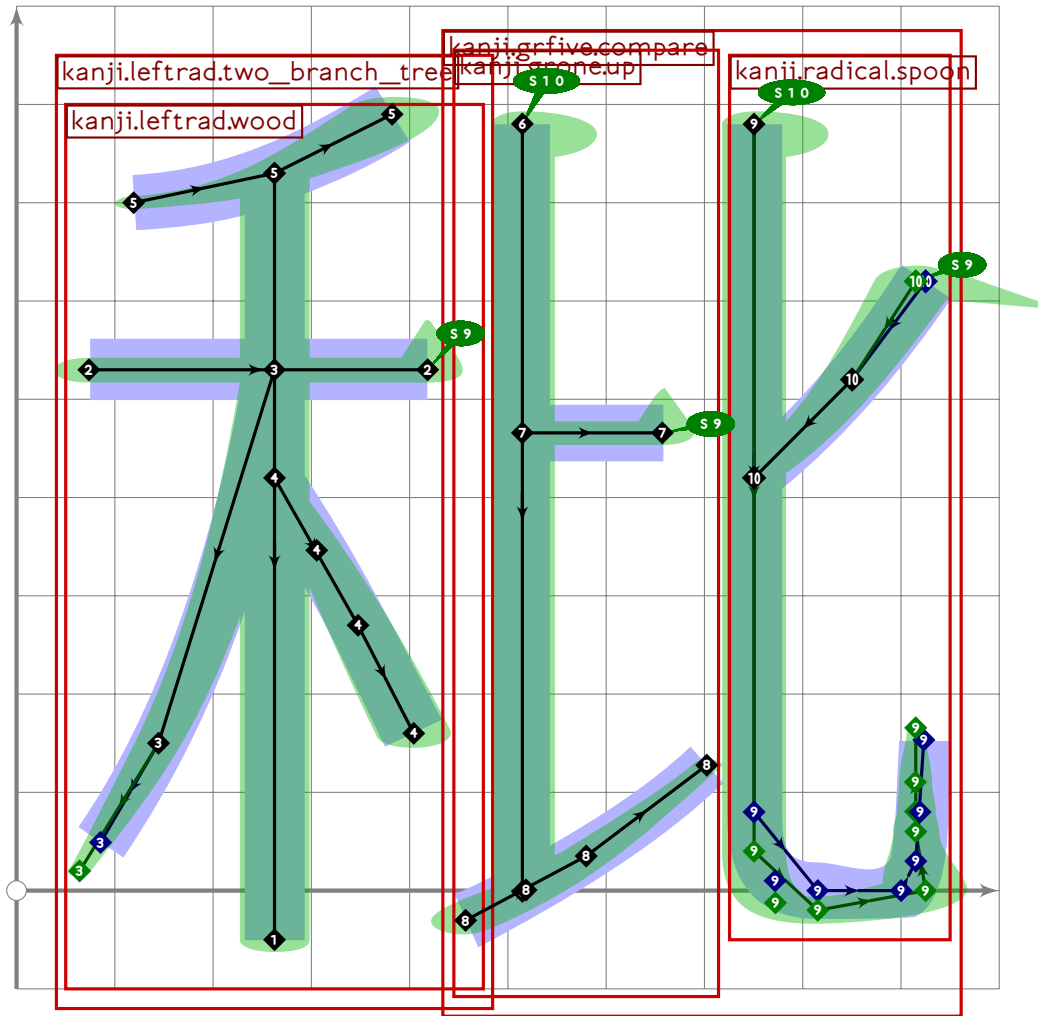
U+79D4  
tsuku.uni79D4



```

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 endtsuglyph;
374

```

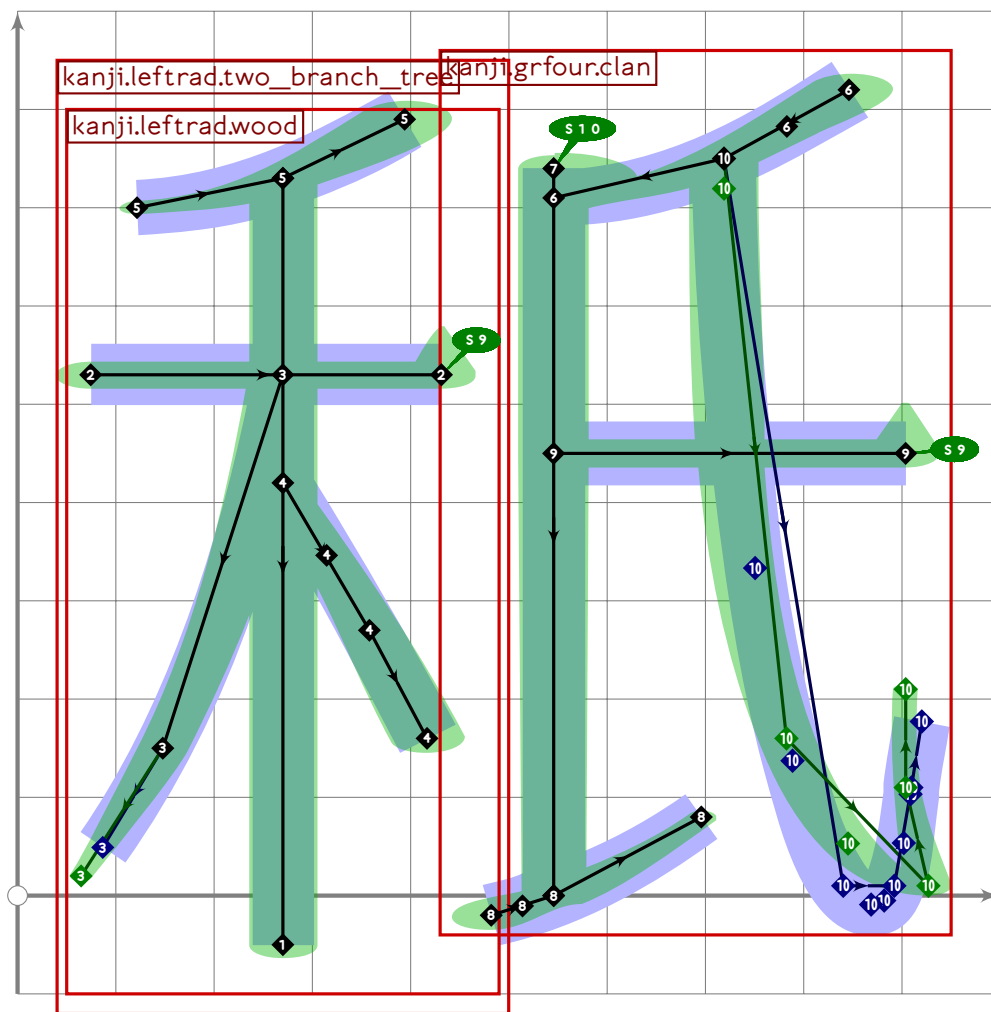


```

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

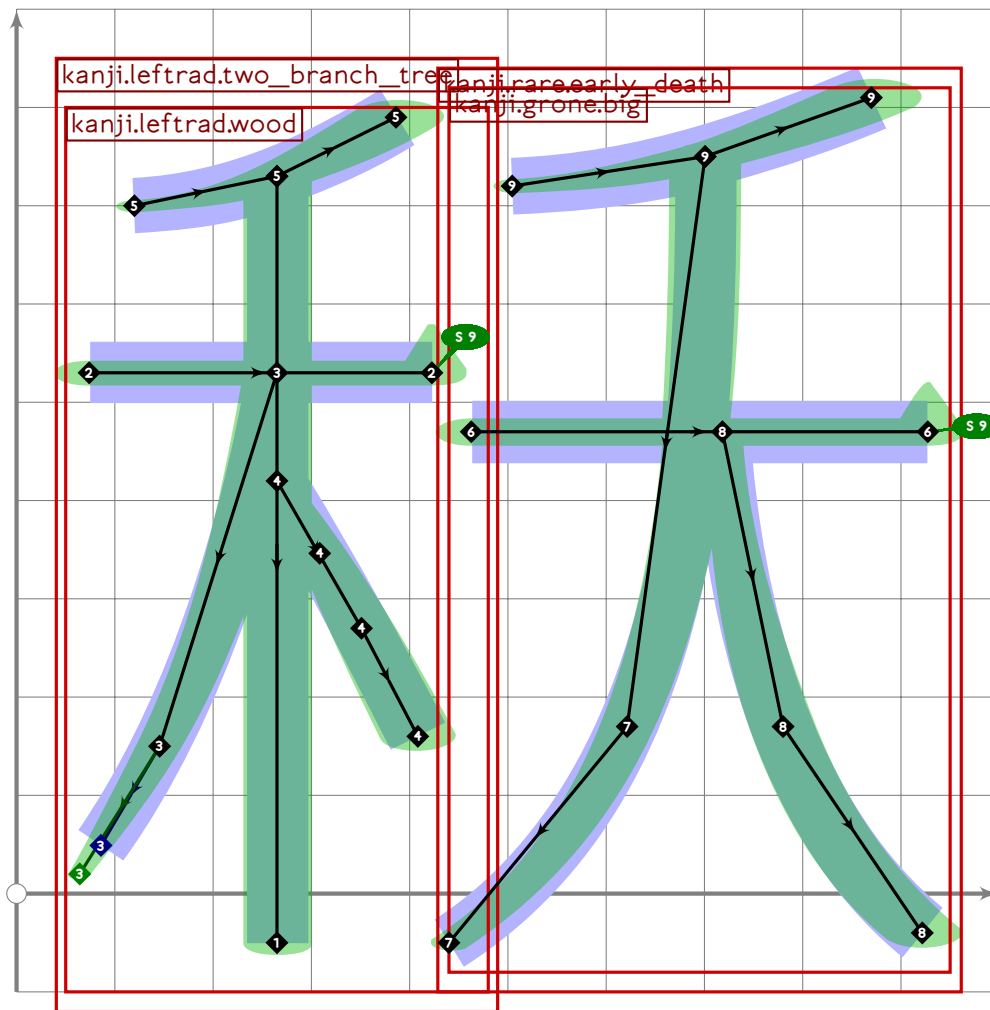


```

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 endtsuglyph;
390

```





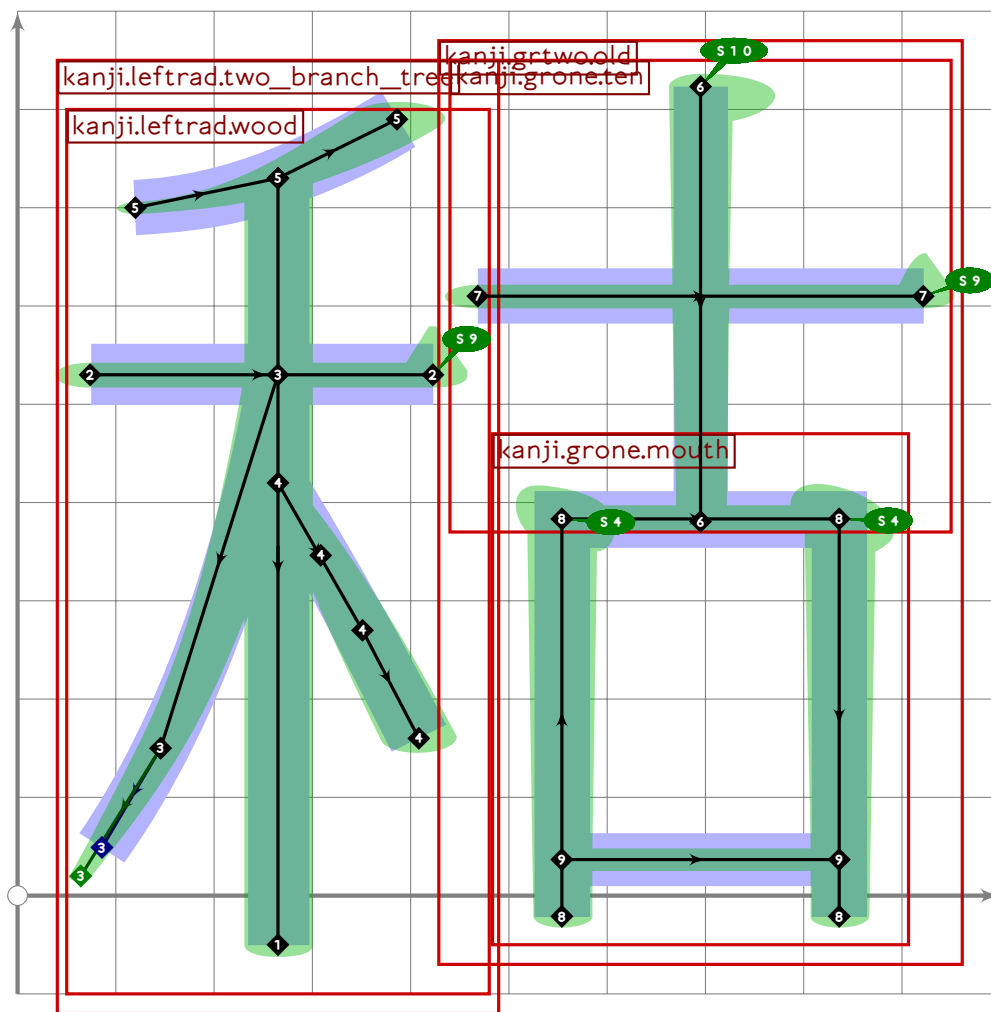
```

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 endtsuglyph;
398
399 % hi as in himitsu "secret"
400 begintsuglyph("uni79D8";216);
401   kanji.grsix.secret;
402   tsu_render;
403 endtsuglyph;
404

```

[see page 3582]

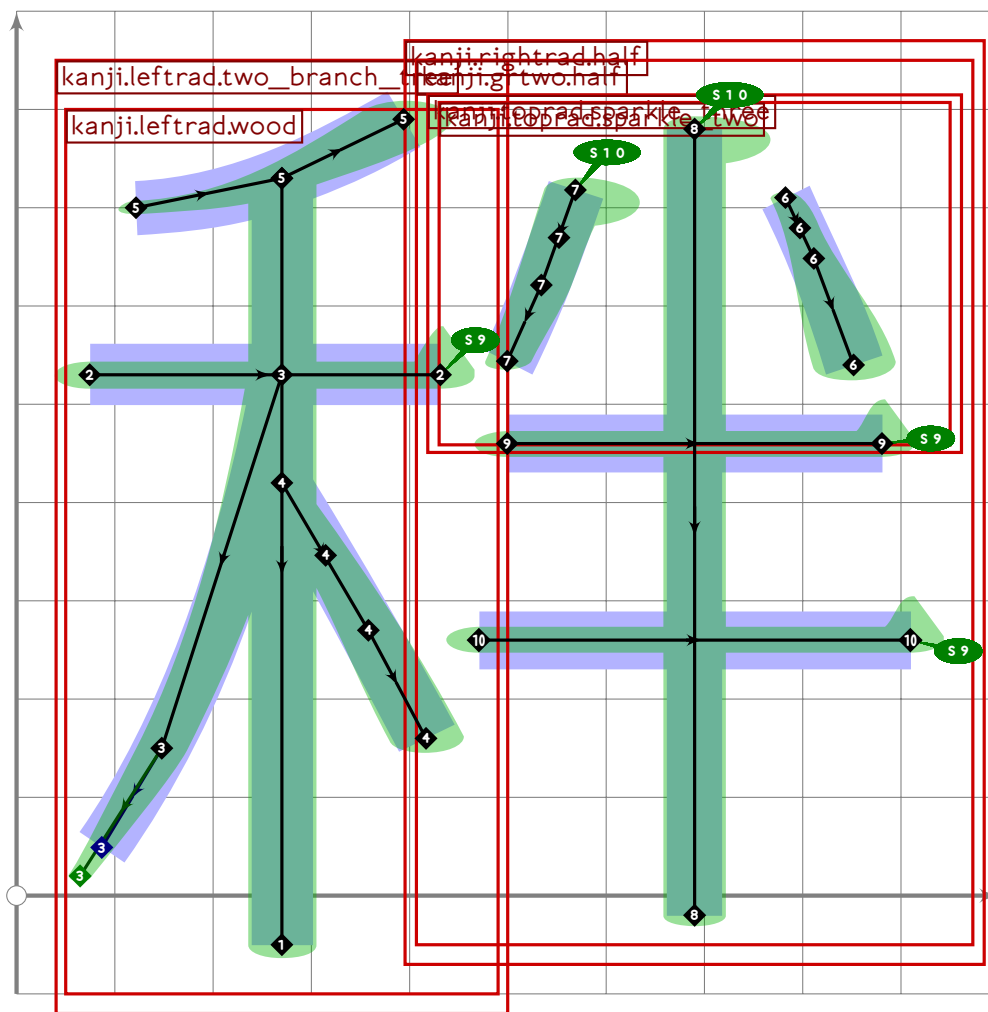
U+79D9  
tsuku.uni79D9



```

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

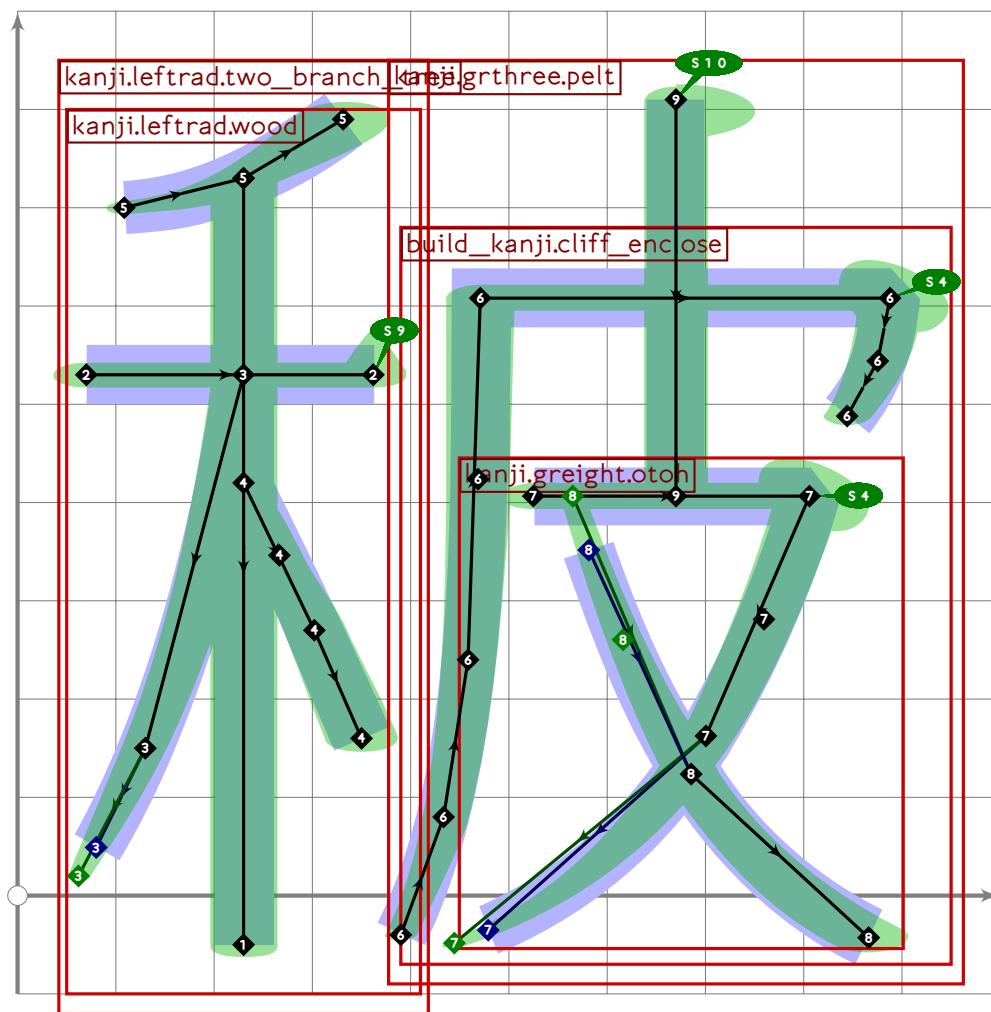
```



```

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 endtsuglyph;
420

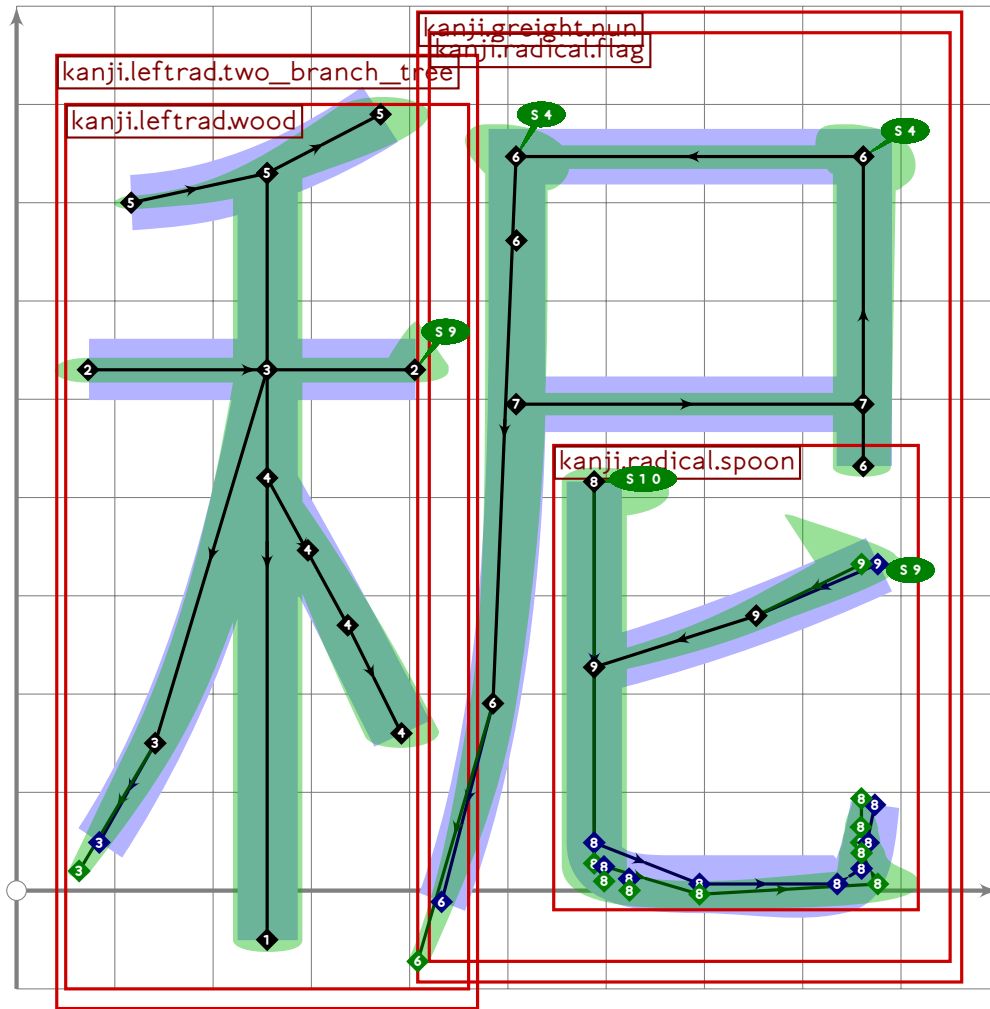
```



```

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 endtsuglyph;
428

```

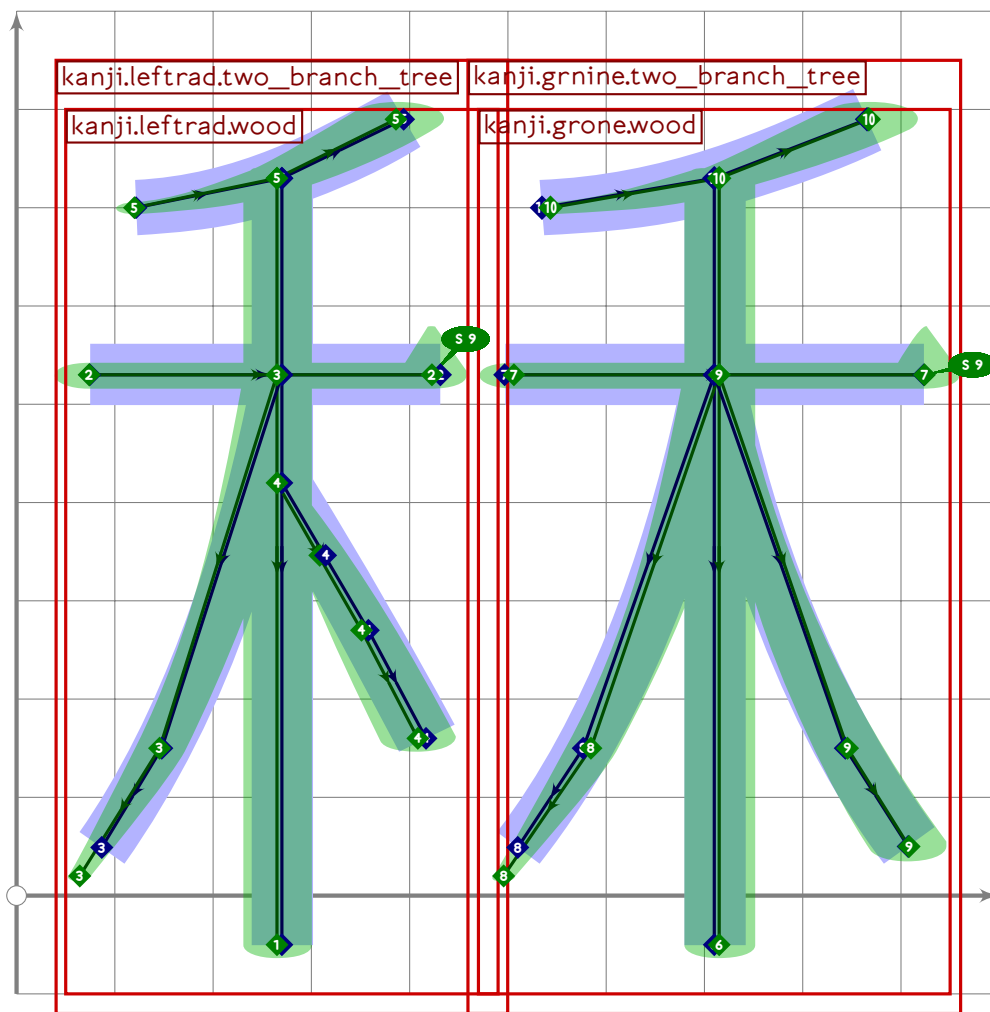


```

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

```

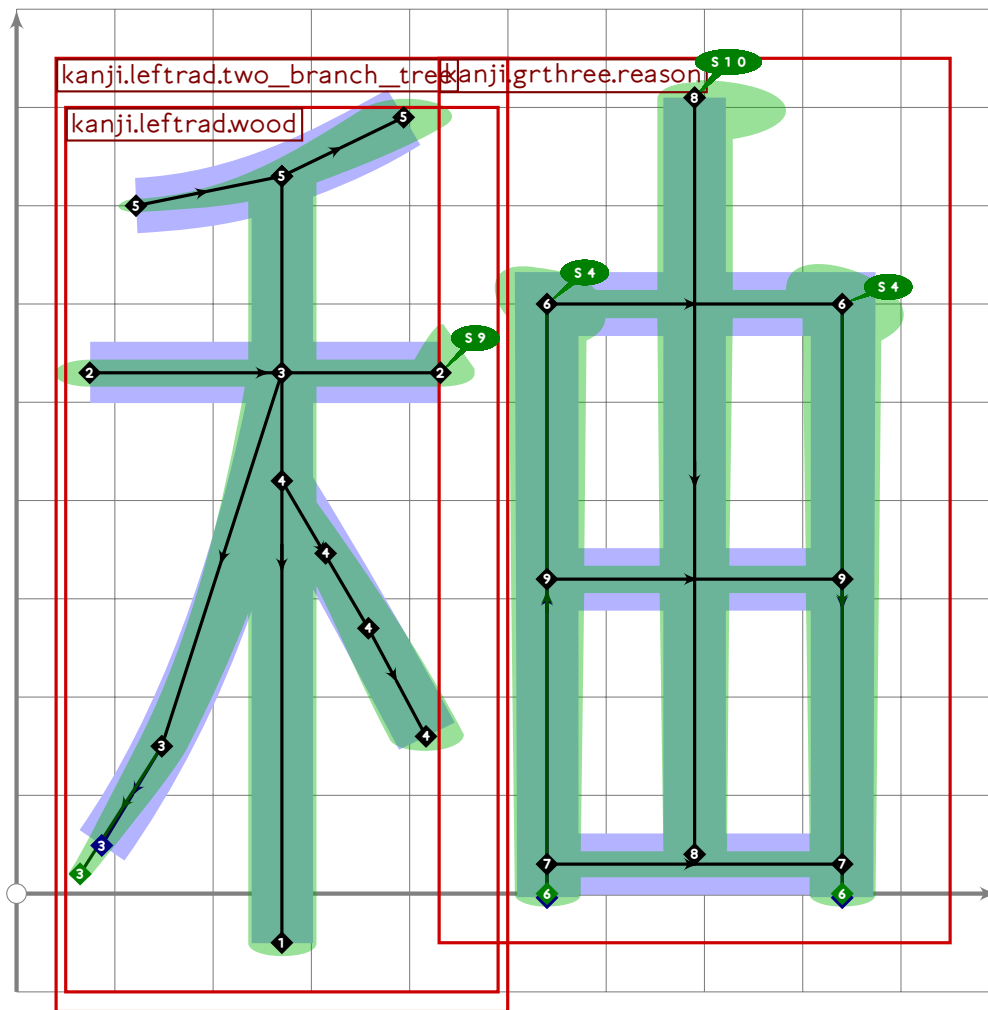
U+79DD  
tsuku.uni79DD



```

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

```



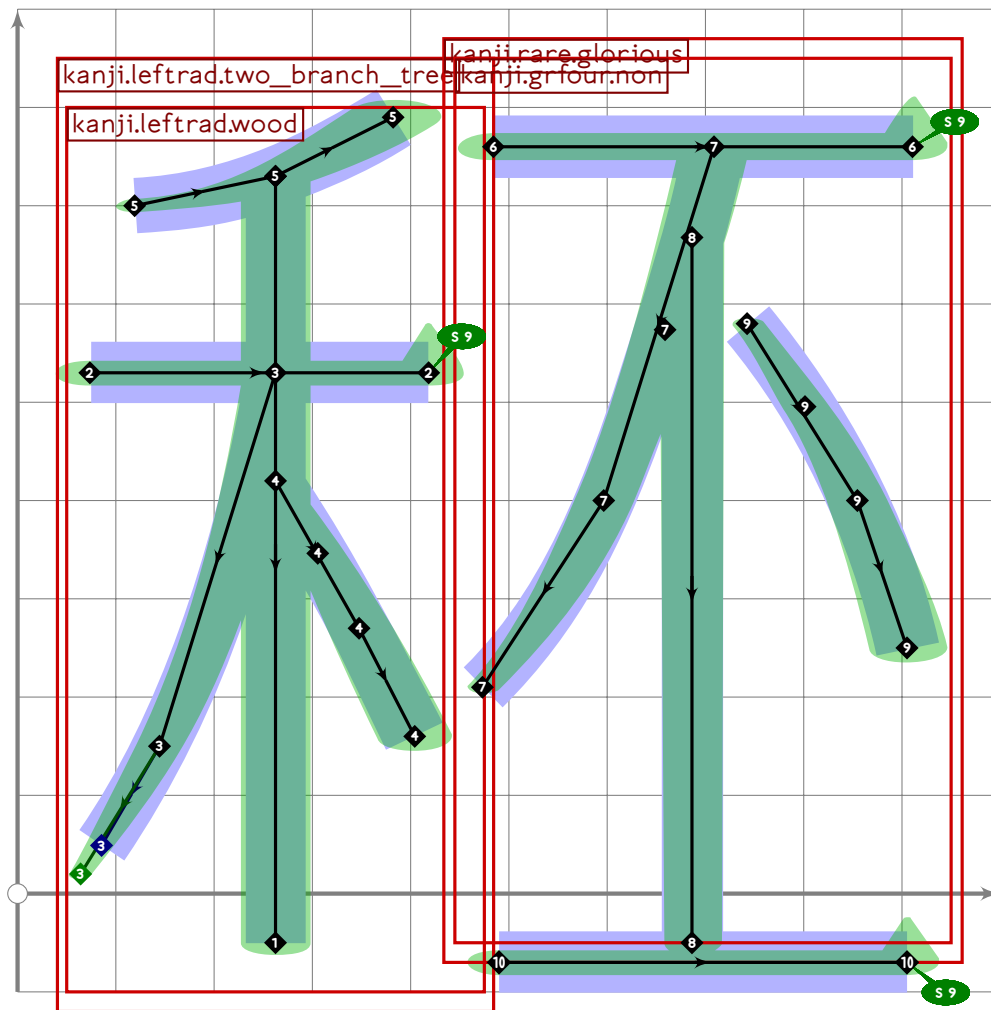
```

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 endtsuglyph;
452
453 % so "crop tax"
454 begintsuglyph("uni79DF";223);
455   kanji.greight.crop_tax;
456   tsu_render;
457 endtsuglyph;
458

```

[see page 3583]

U+79E0  
tsuku.uni79E0

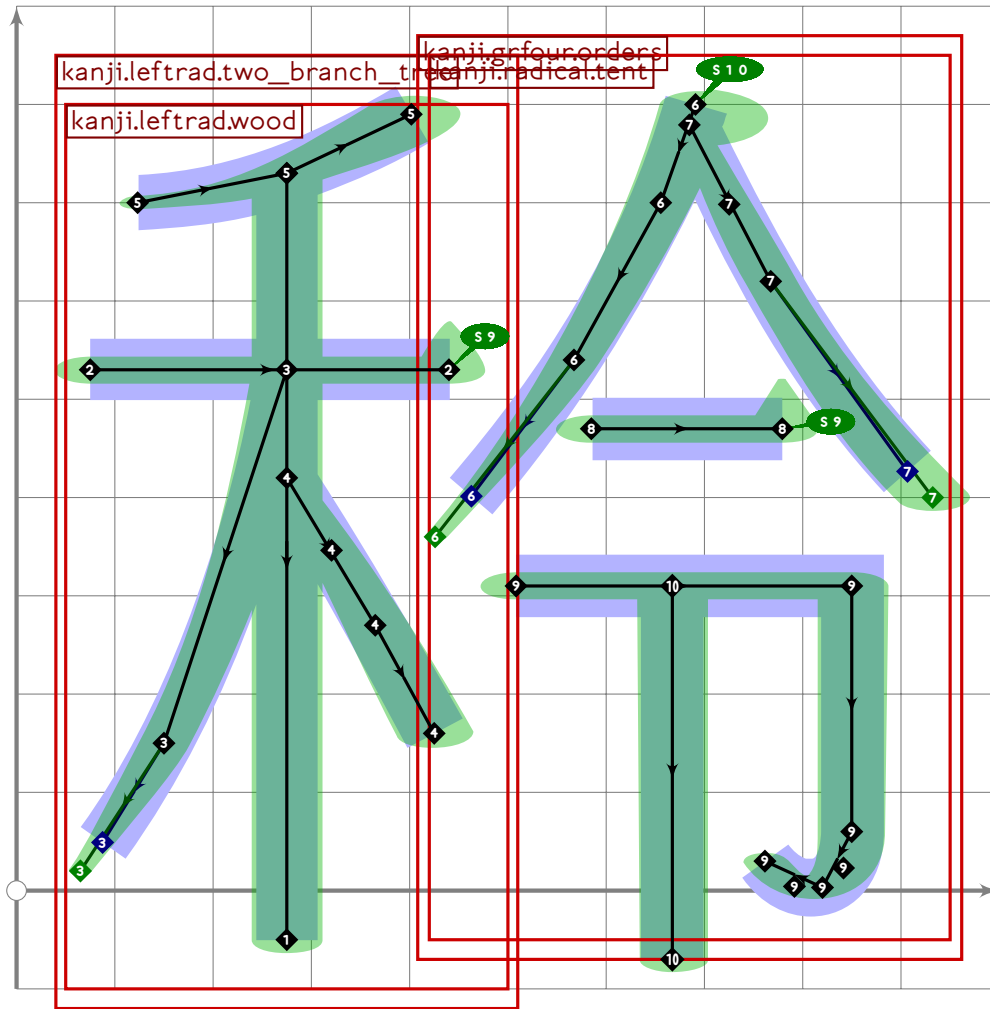


```

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 endtsuglyph;
466

```



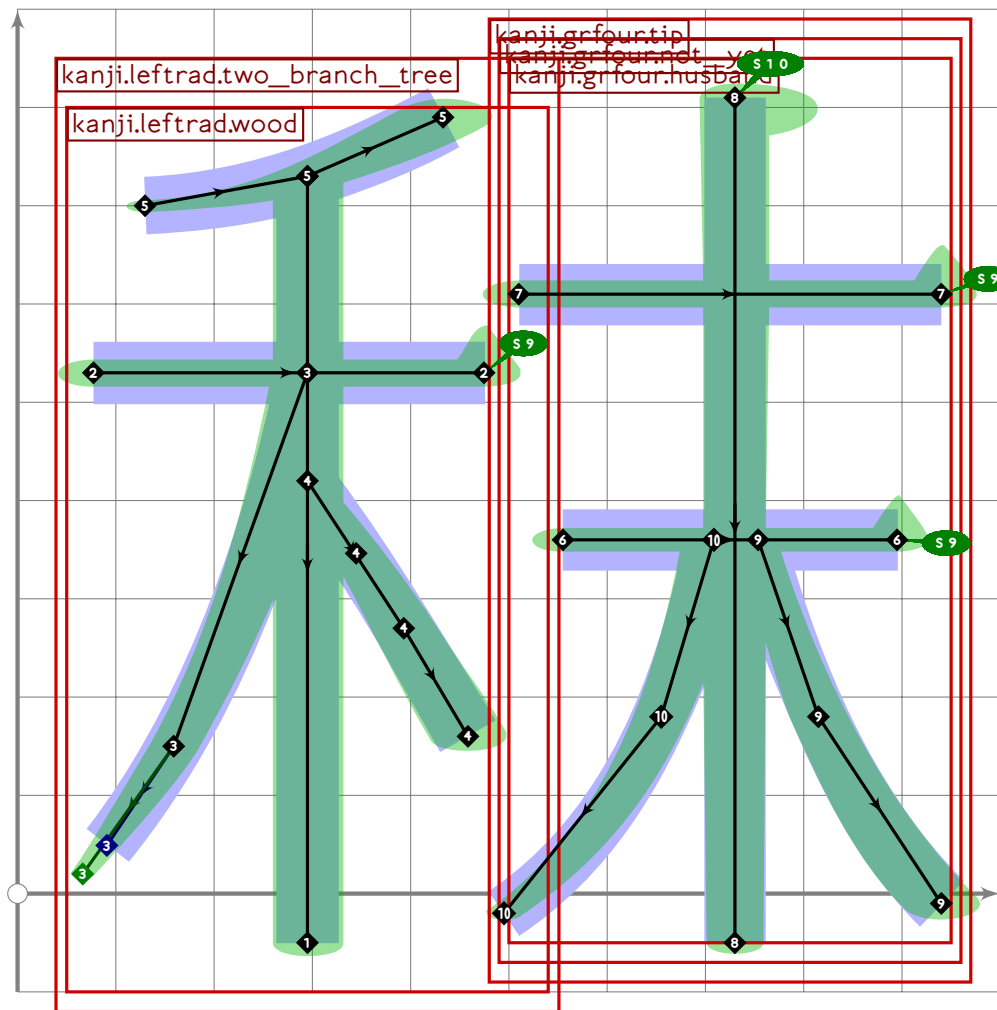


```

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

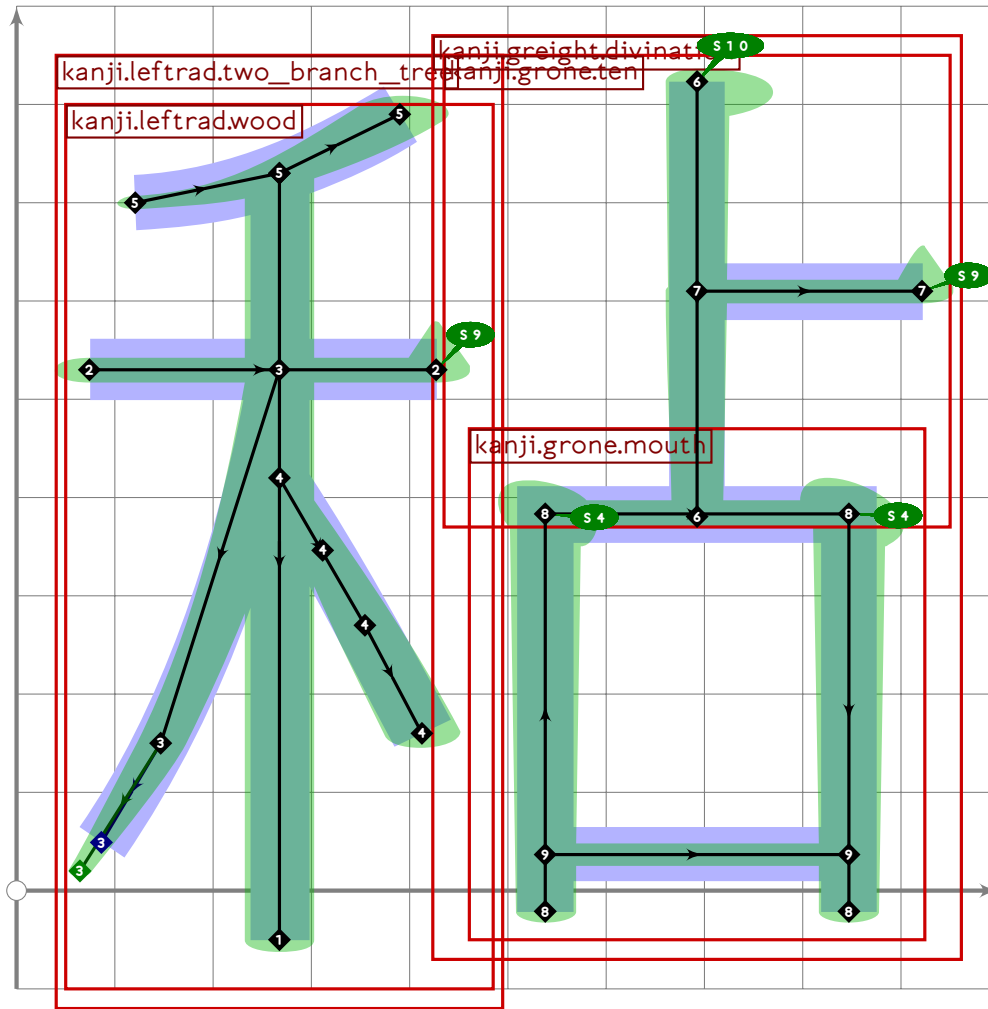


```

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 endtsuglyph;
482
483 % shou/hakari "weigh_scale"
484 begintsuglyph("uni79E4";228);
485   kanji.grnine.weigh_scale;
486   tsu_render;
487 endtsuglyph;
488

```

[see page 3586]

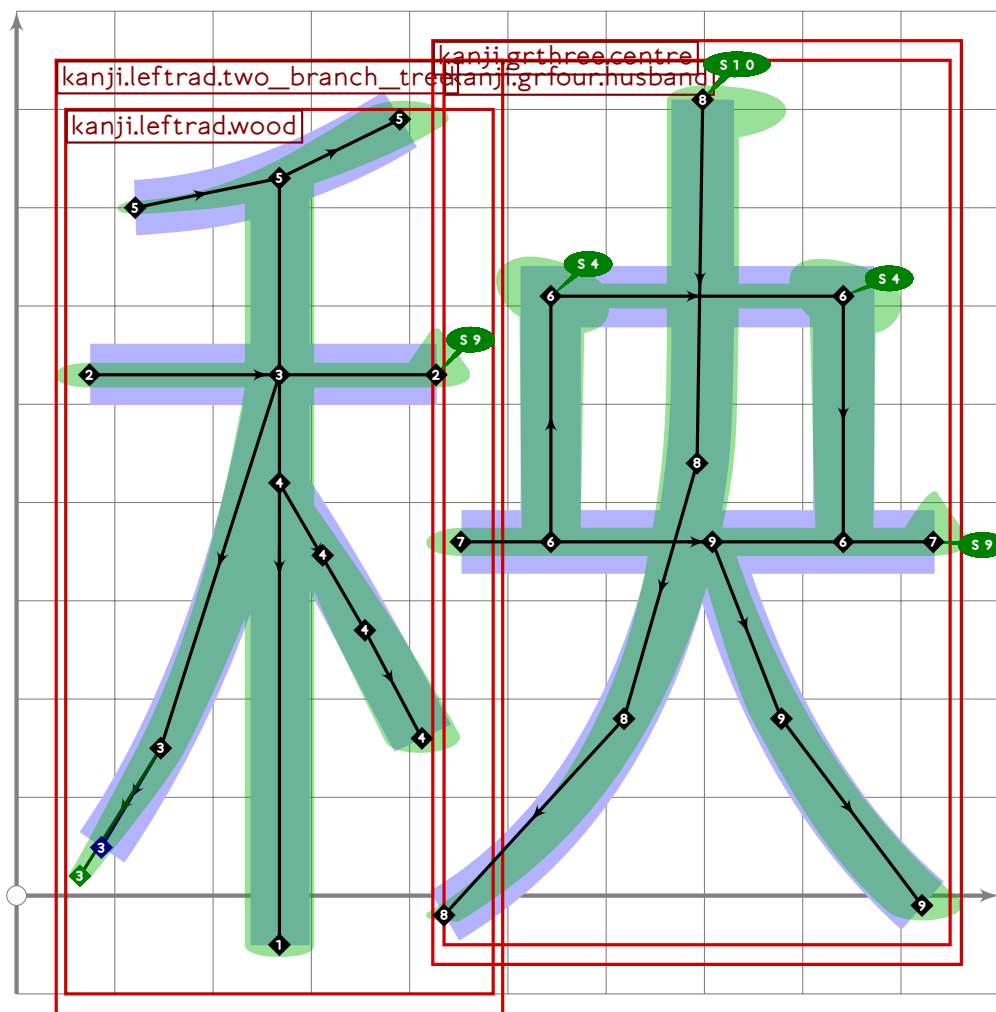


```

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

```

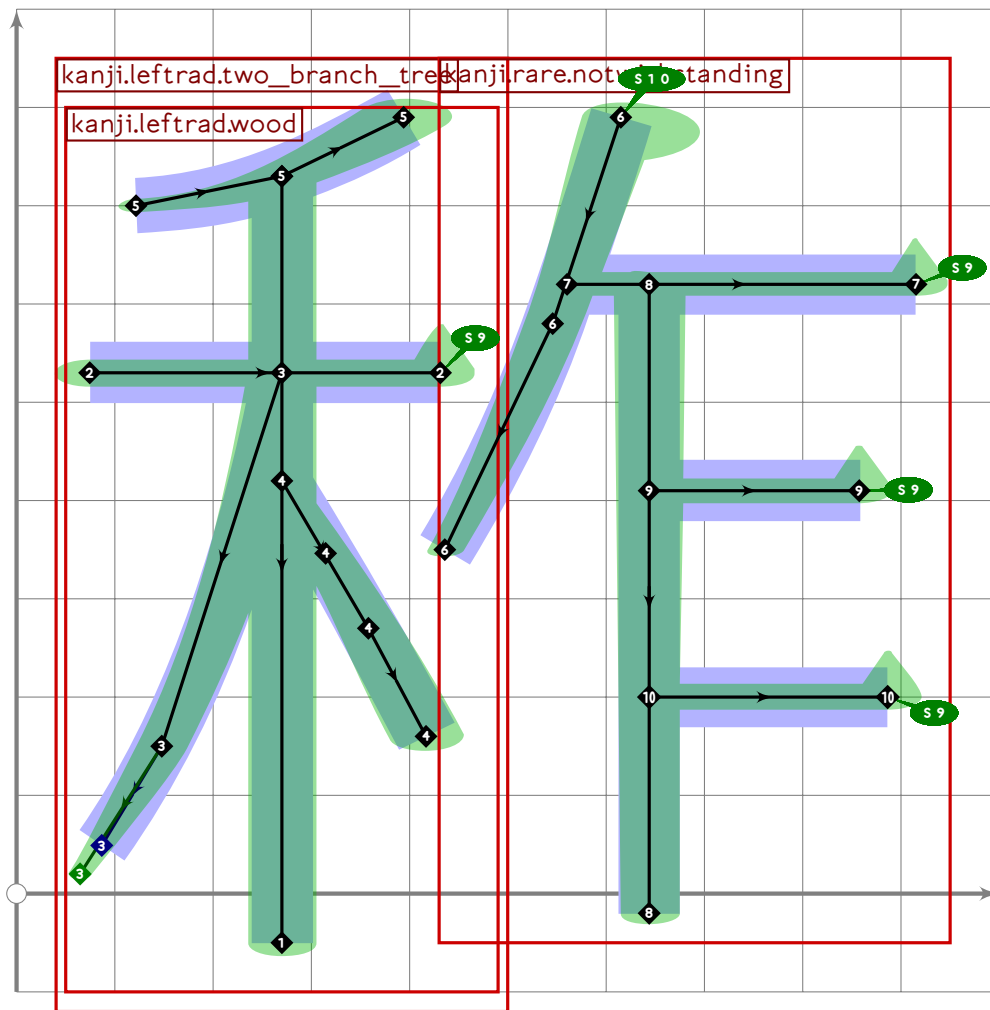
U+79E7  
tsuku.uni79E7



```

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 endtsuglyph;
504

```



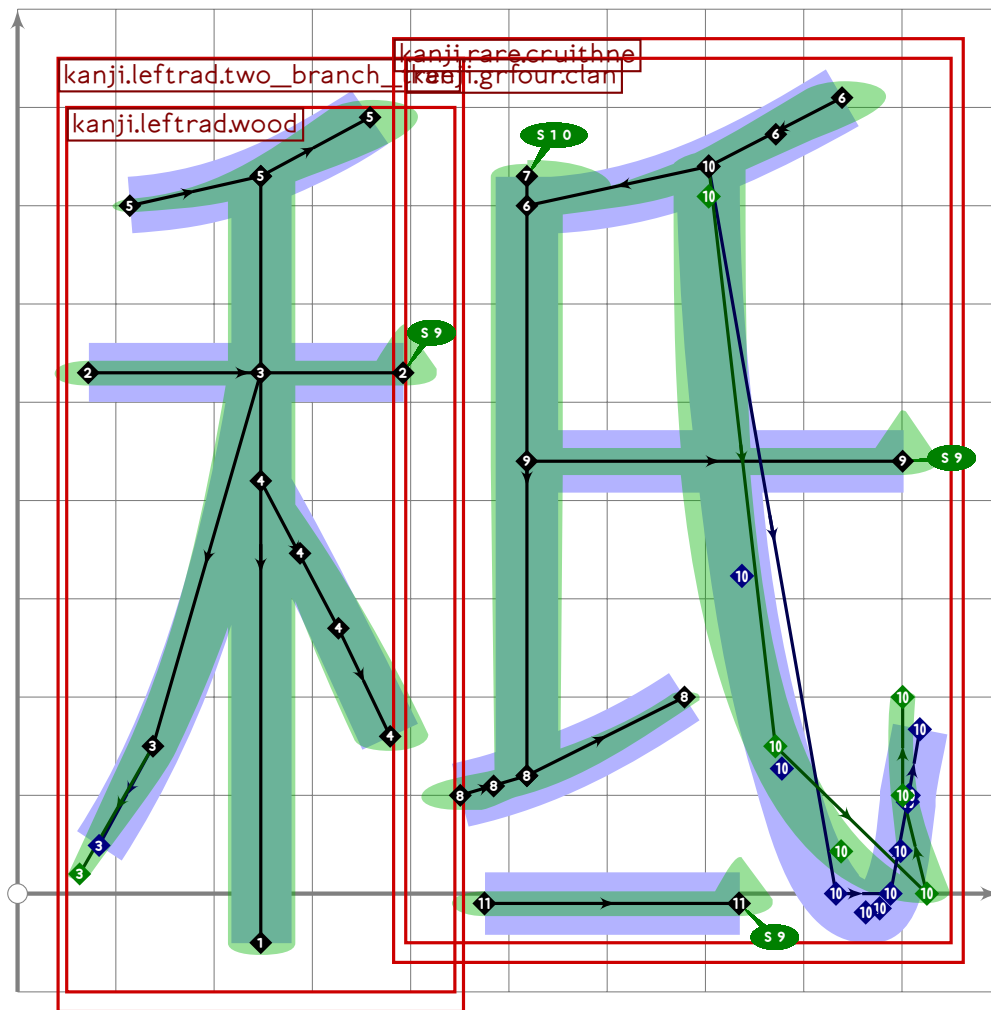
```

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 endtsuglyph;
512
513 % chitsu/chichi "regularity"
514 begintsuglyph("uni79E9";233);
515   kanji.greight.regularity;
516   tsu_render;
517 endtsuglyph;
518

```

[see page 3584]

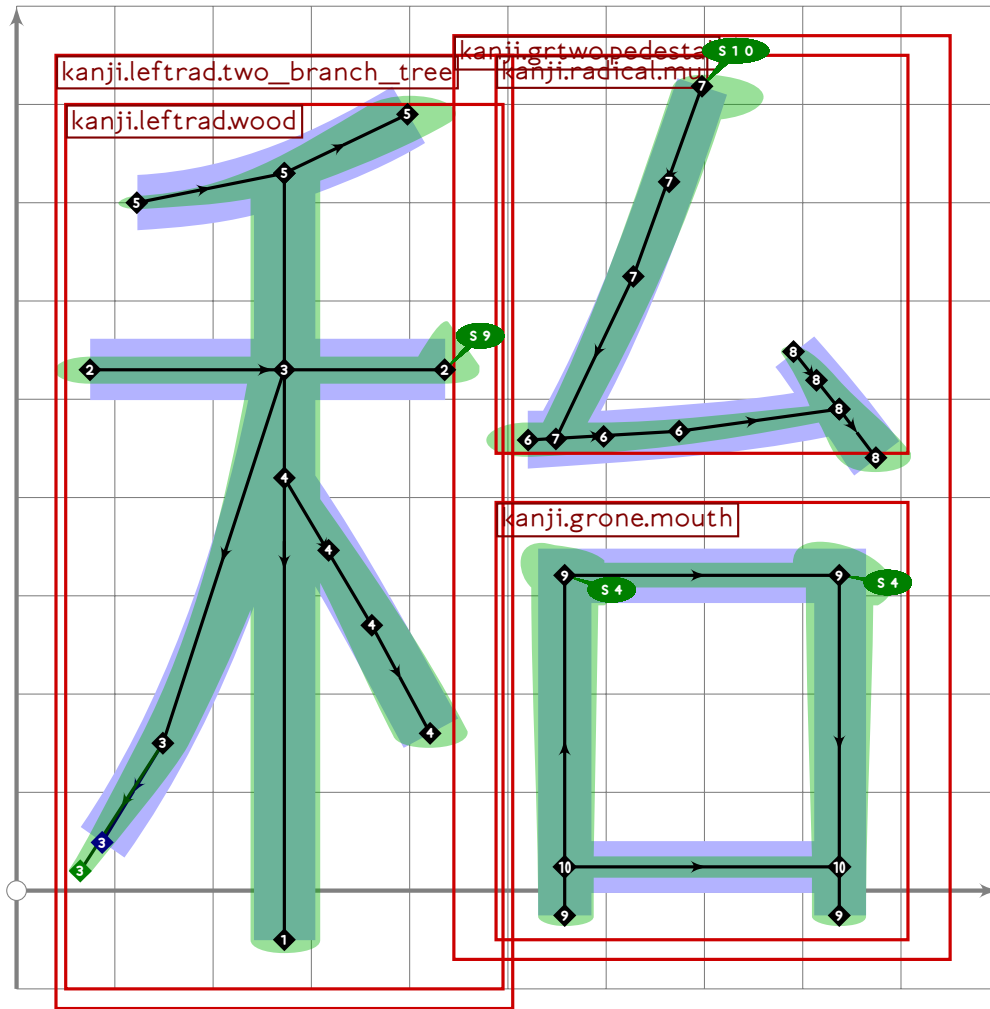
U+79EA  
tsuku.uni79EA



```

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

```

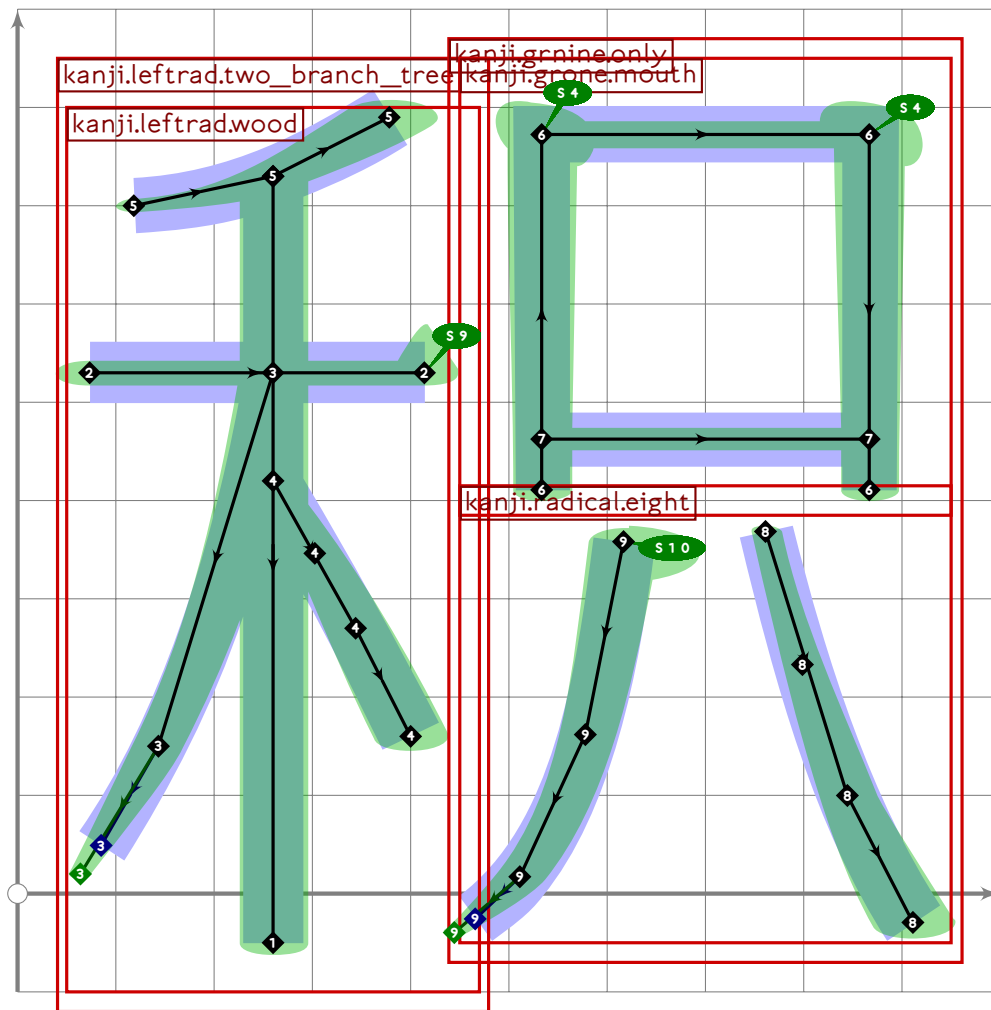


```

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 endtsuglyph;
534

```

U+79EF  
tsuku.uni79EF

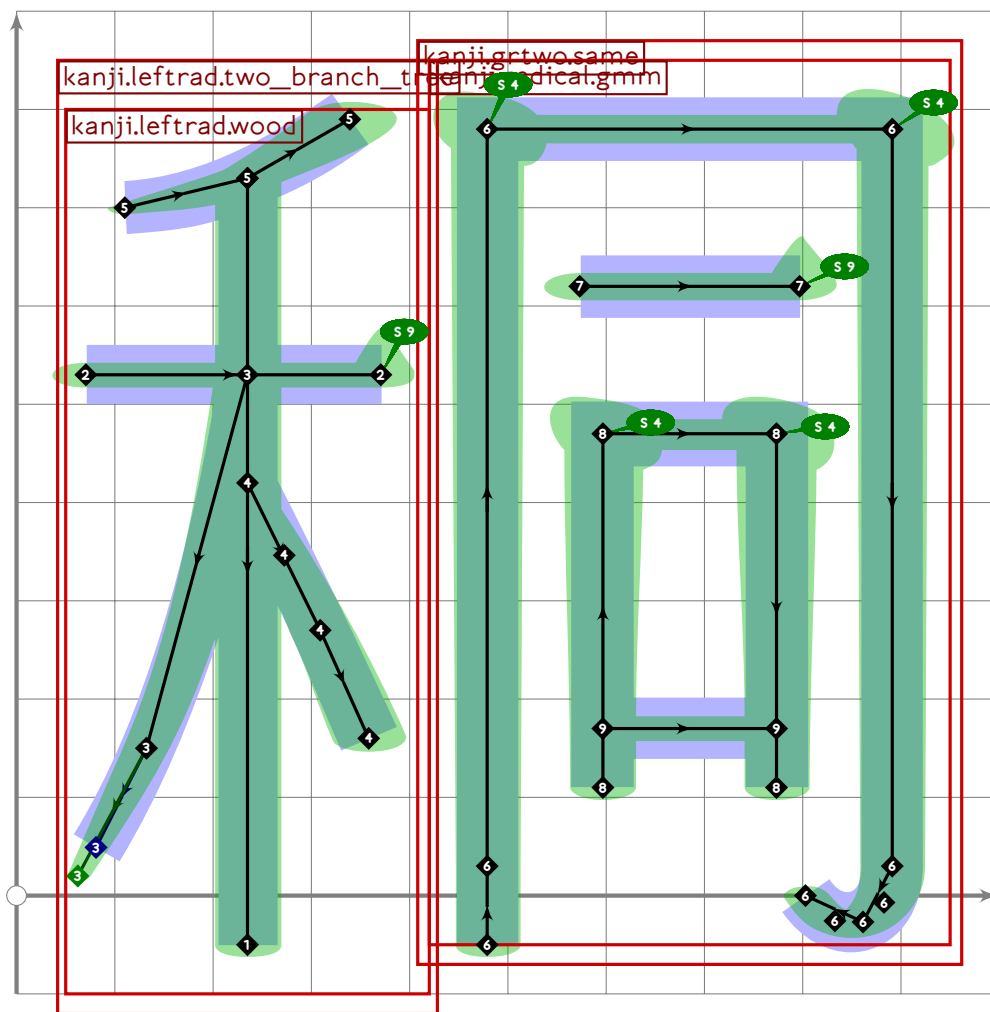


```

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 endtsuglyph;
542

```



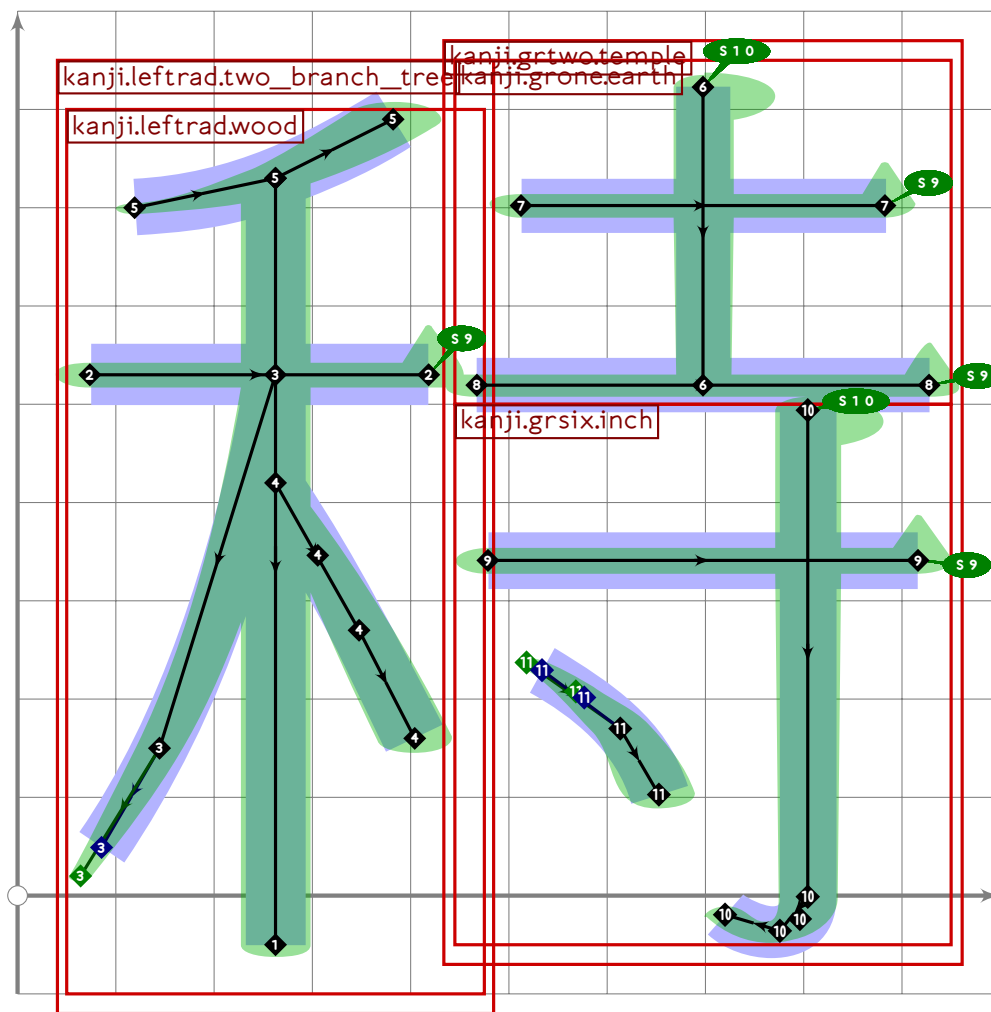


```

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

```

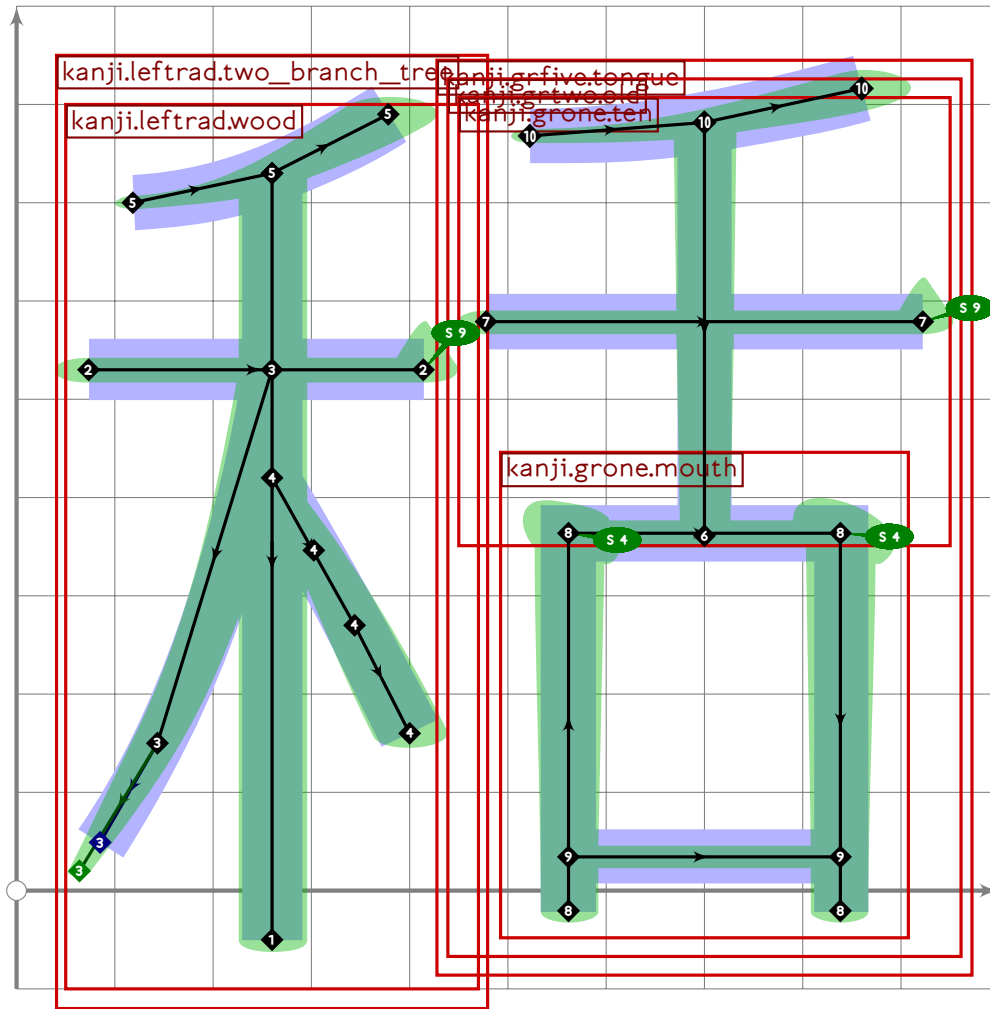
U+79F2  
tsuku.uni79F2



```

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 endtsuglyph;
558

```

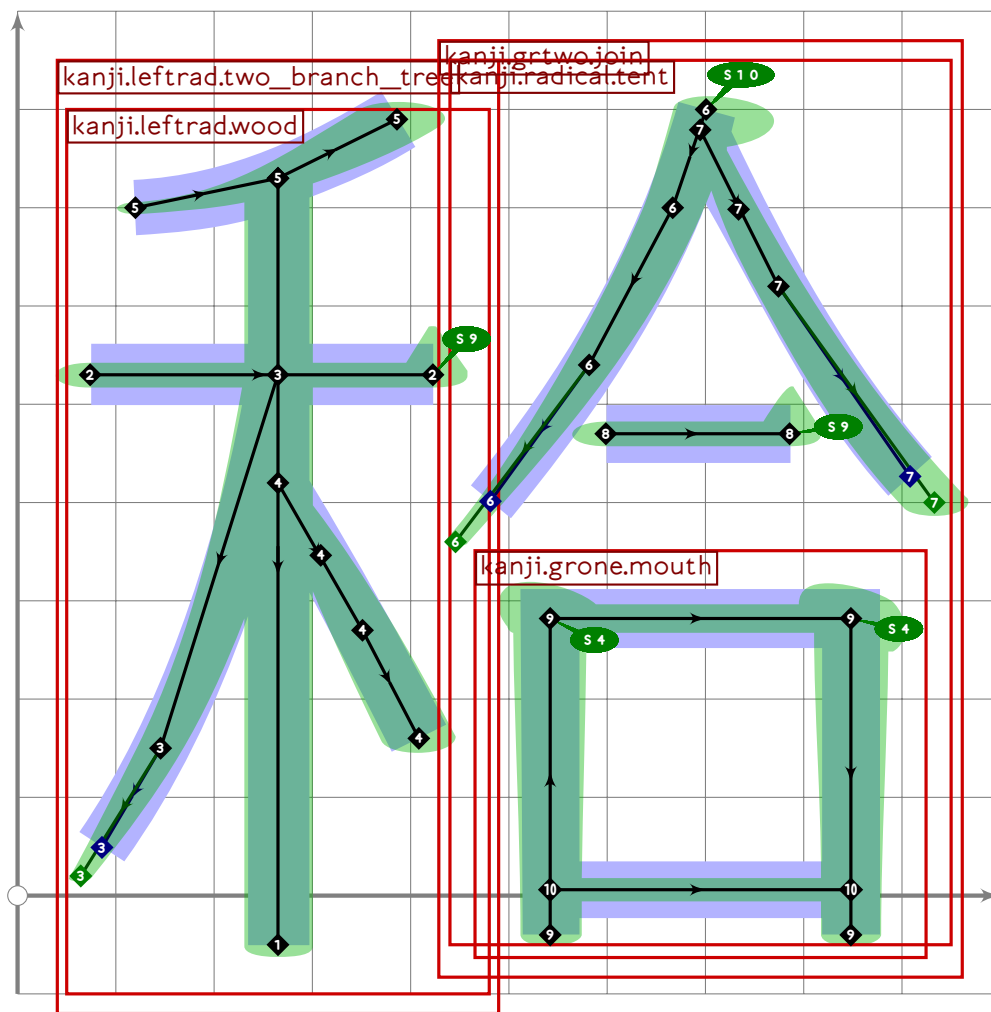


```

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 endtsuglyph;
566

```

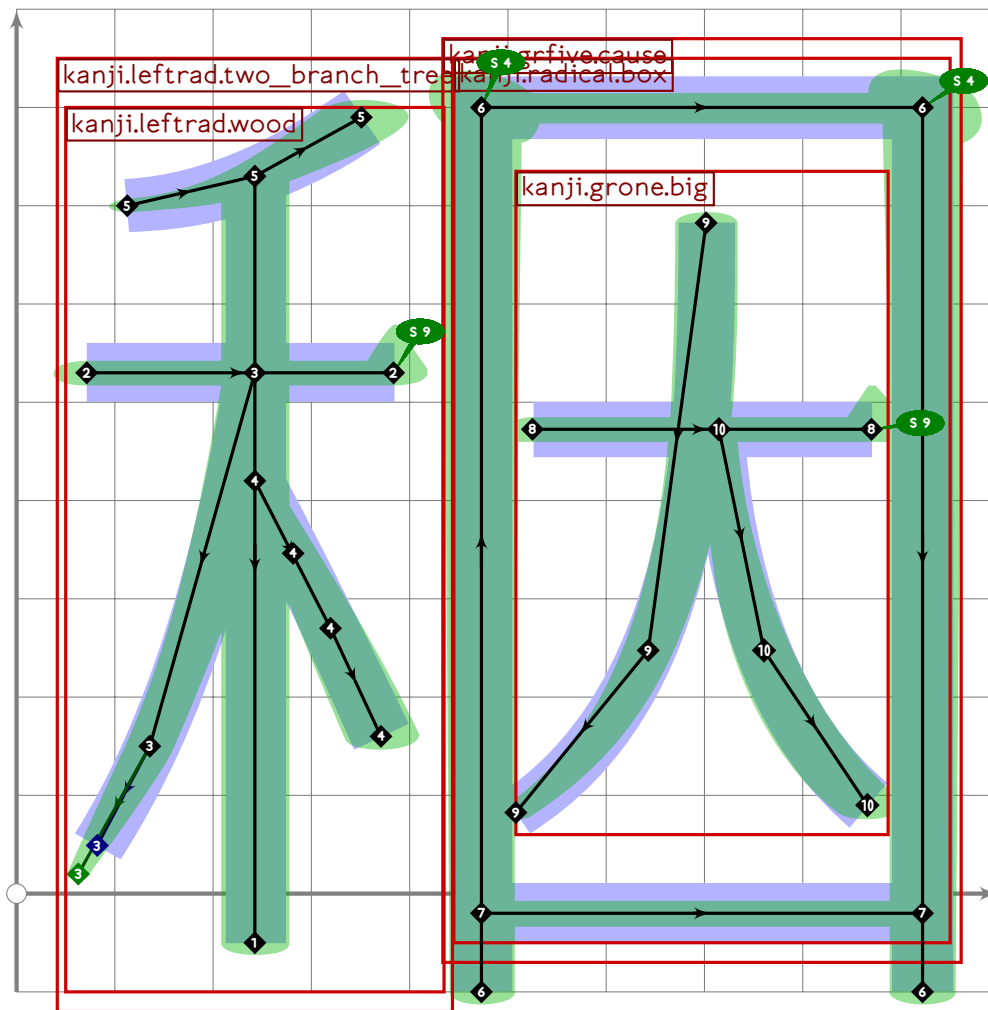
U+79F4  
tsuku.uni79F4



```

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 endtsuglyph;
574

```

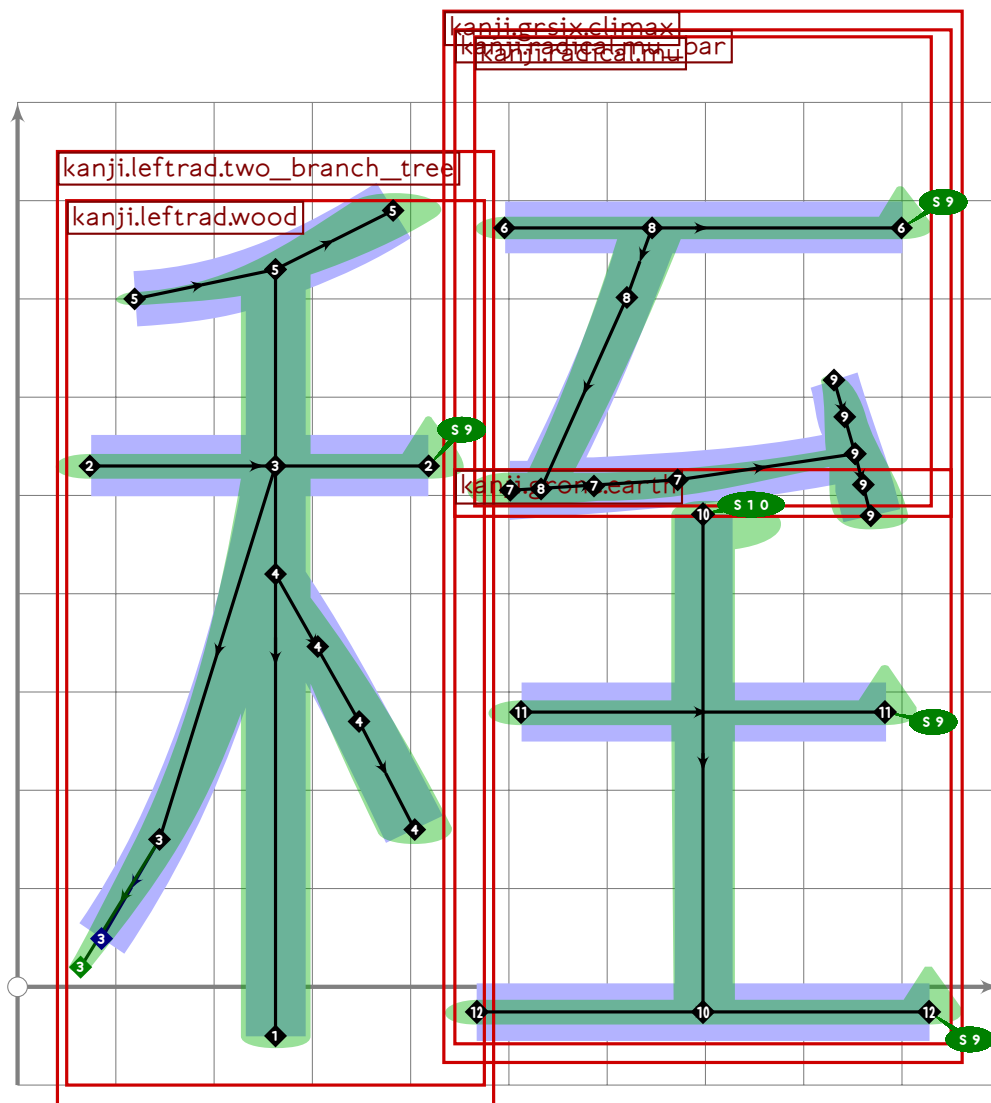


```

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 endtsuglyph;
582

```

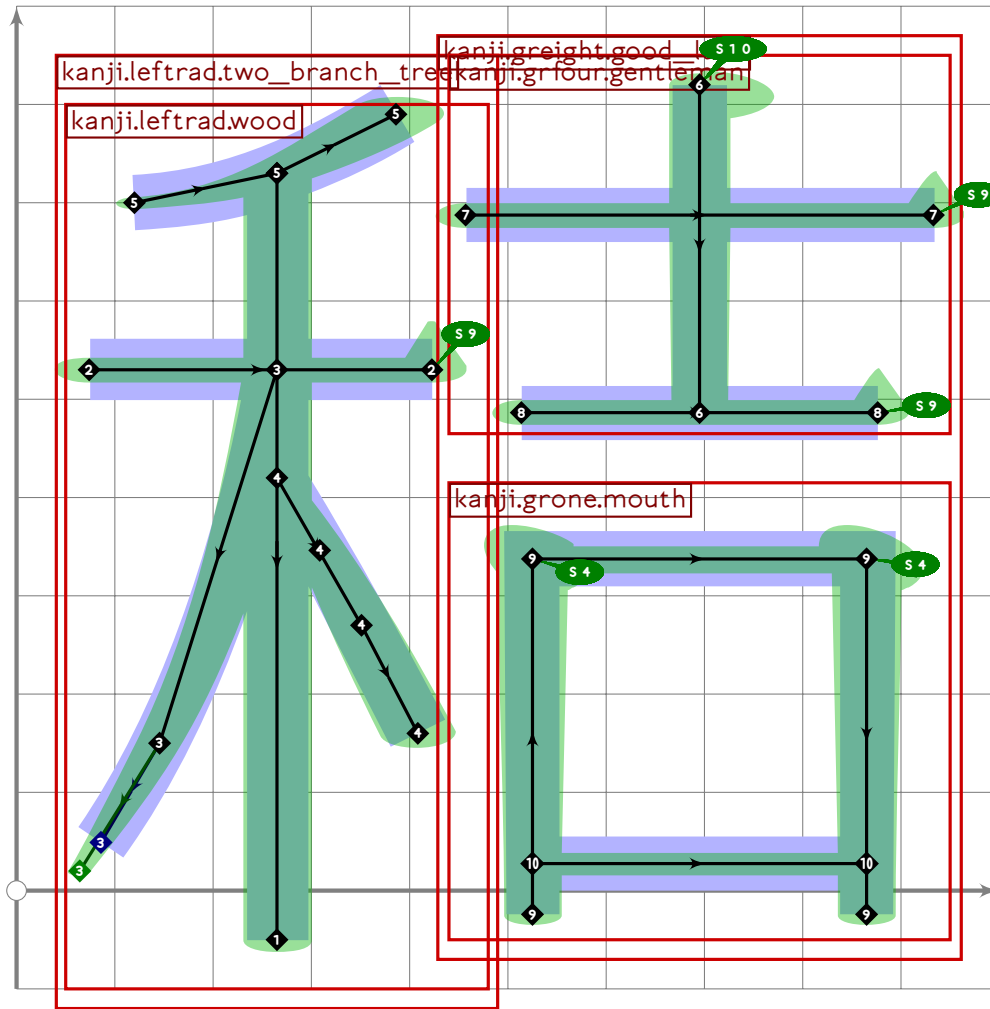
U+79F7  
tsuku.uni79F7



```

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

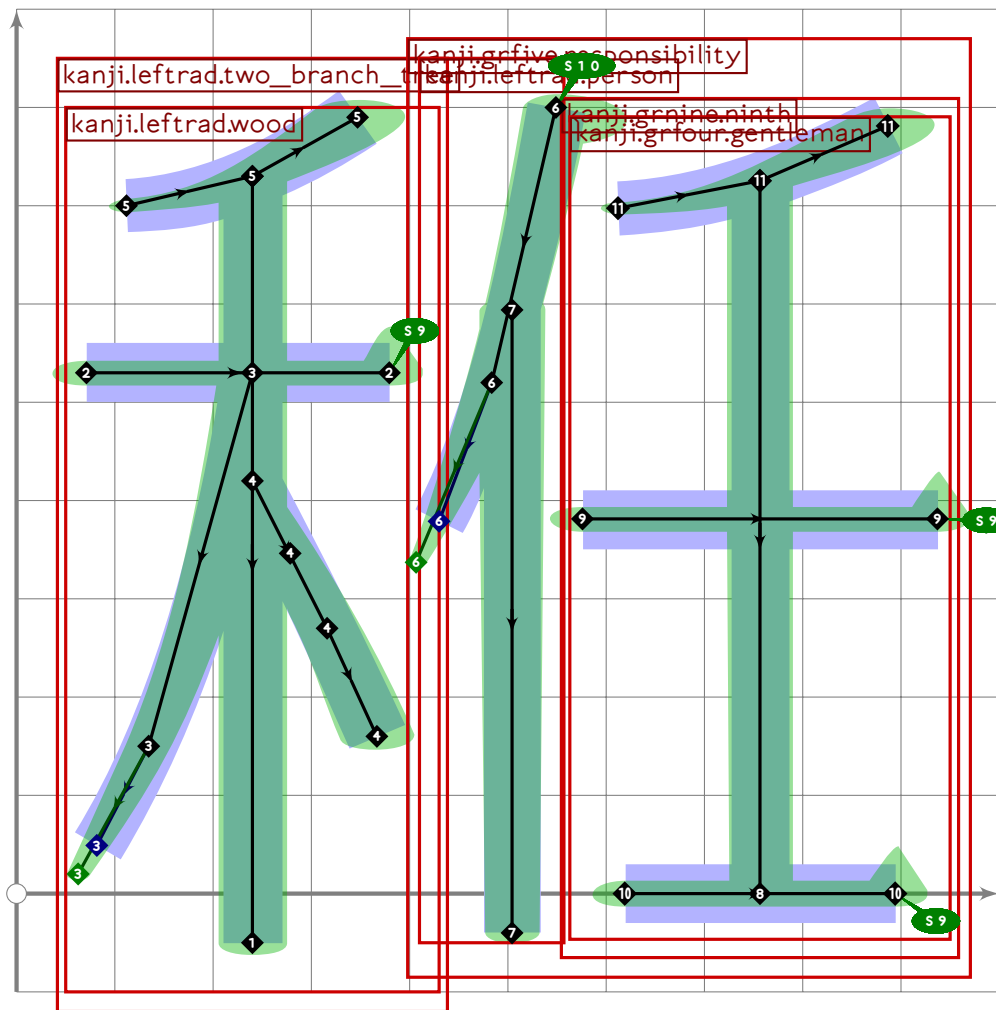
```



```

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 endtsuglyph;
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 endtsuglyph;
606
607 % i/utsu "shift"
608 begintsuglyph("uni79FB";251);
609   kanji.grfive.shift;
610   tsu_render;
611 endtsuglyph;
612
613 _____
614
615 endfont;
616
617 _____

```

[see page 803]