

作りましょう 0.7

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 0.7

Parametric Font Family  
Proofs and pretty-printed  
source code

Matthew Skala

[mskala@ansuz.sooke.bc.ca](mailto:mskala@ansuz.sooke.bc.ca)

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Proofs and pretty-printed source code for Tsukurimashou  
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tsuku-9b.mp **9B**

tsuku-9c.mp **9C**

tsuku-9e.mp **9E**

tsuku-9f.mp **9F**



```
1 %
2 % Unicode page 8A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

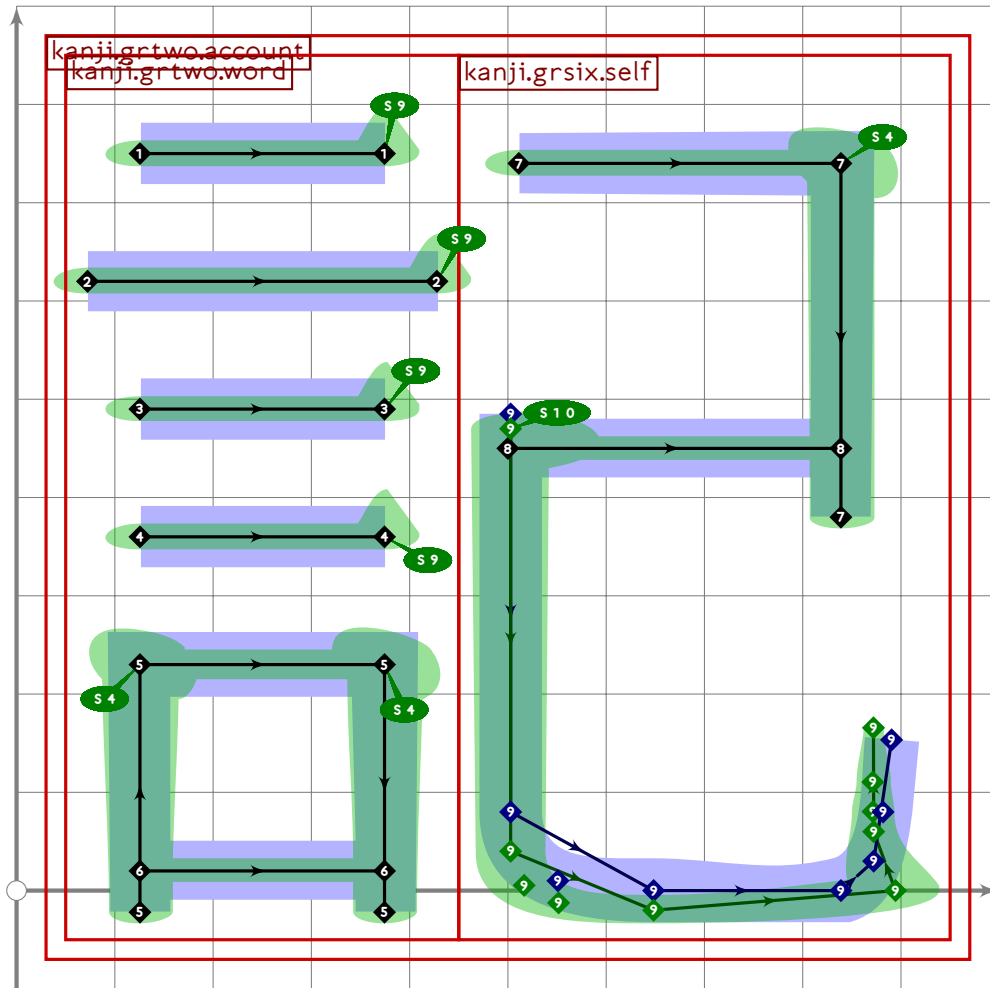
---


32
33 beginfont
34
35 % AUTODEPS
36 input 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 gradesix.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 

---


```

8A

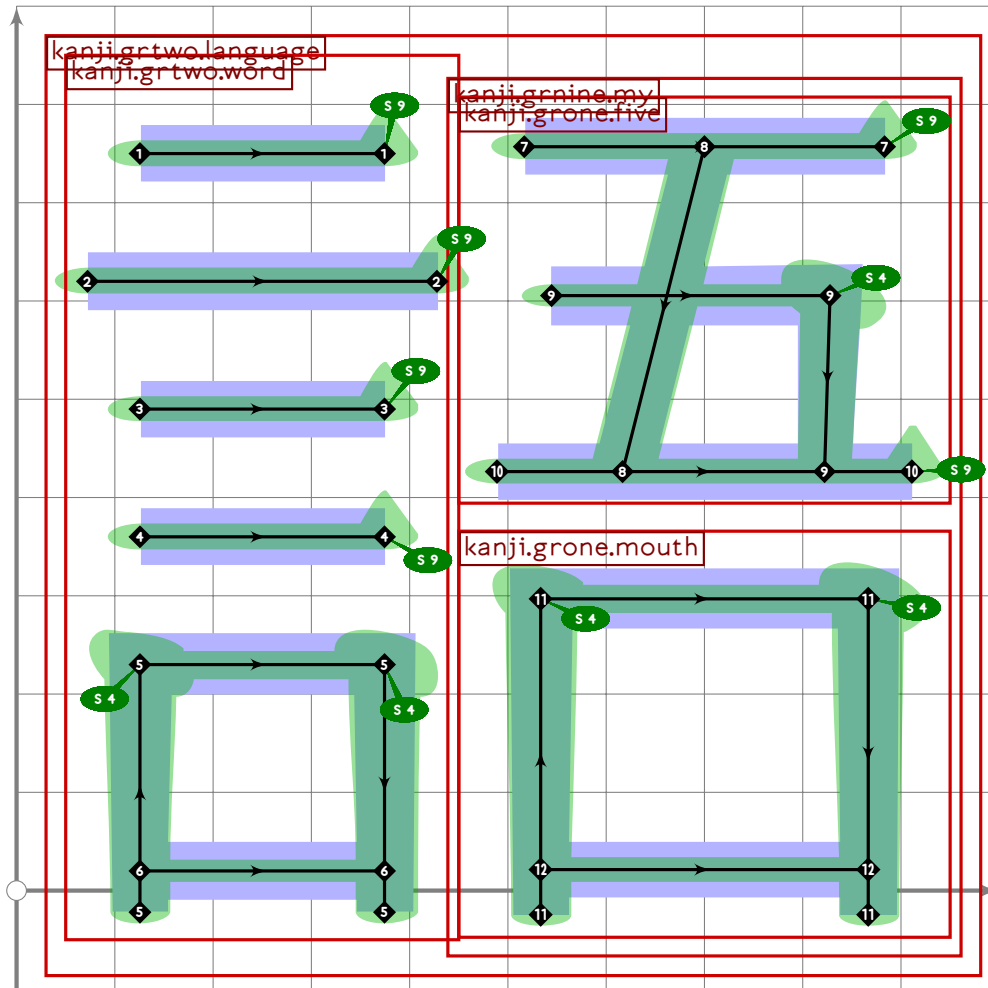


```

54
55 vardef kanji.grtwo.account =
56   push_pbox_toexpand("kanji.grtwo.account");
57   build_kanji.level(build_kanji.lr(450,0)
58     (kanji.grtwo.word)
59     (kanji.grsix.self));
60   expand_pbox;
61 enddef;

```

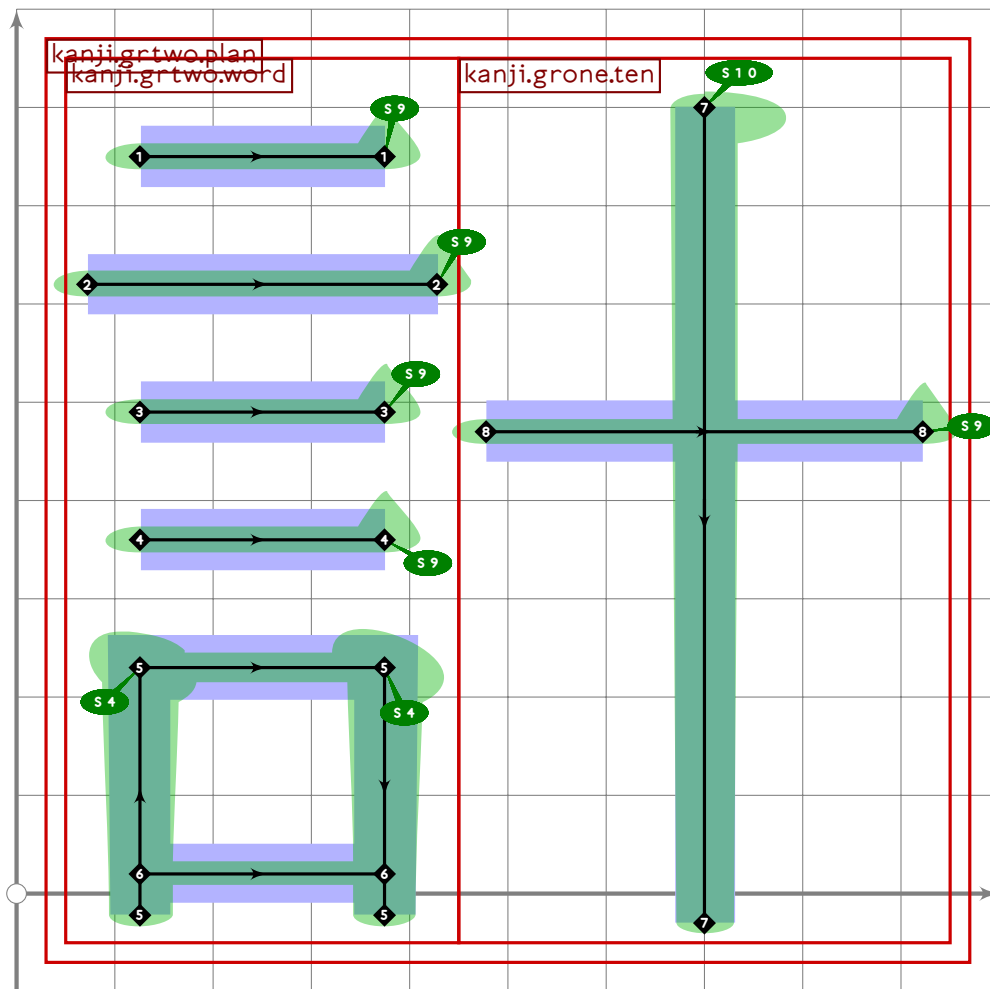




```

62
63 vardef kanji.grtwo.language =
64   push_pbox__toexpand("kanji.grtwo.language");
65   build_kanji.level(build_kanji.lr(450,0)
66     (kanji.grtwo.word)
67     (tsu_xform(identity yscaled 0.95)
68       (kanji.grnine.my)));
69   expand_pbox;
70 enddef;

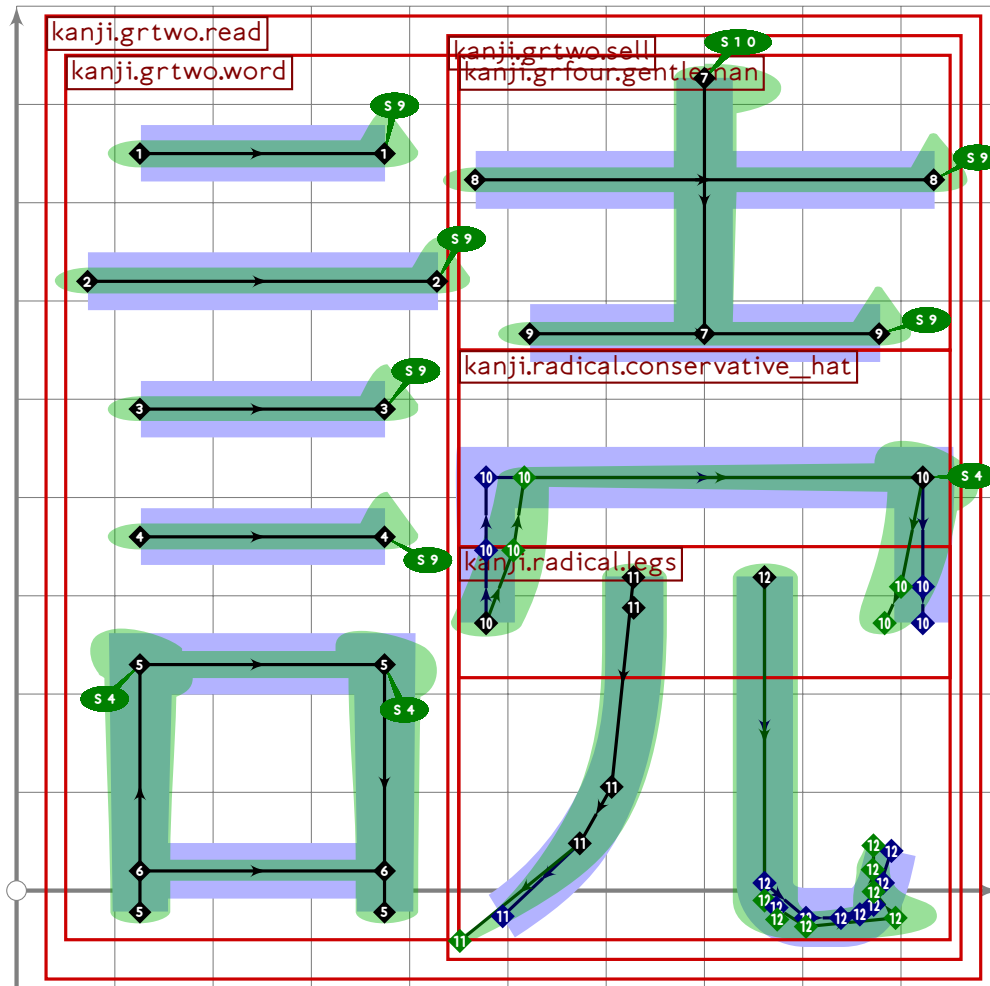
```



```

71
72 vardef kanji.grtwo.plan =
73   push_pbox_toexpand("kanji.grtwo.plan");
74   build_kanji.level(build_kanji.lr(450,0)
75     (kanji.grtwo.word)
76     (kanji.grone.ten;
77       replace_stroke(0)(oldp shifted (0,70))));
78   expand_pbox;
79 enddef;

```

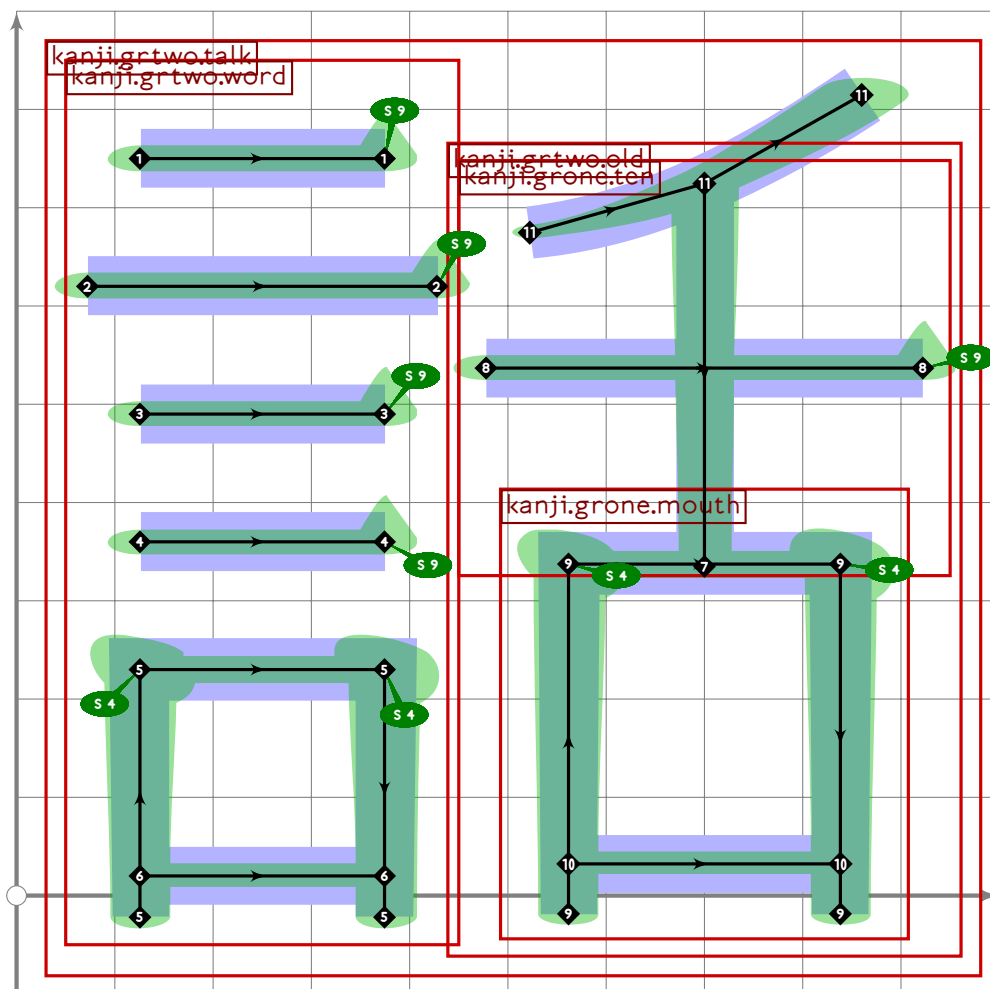


```

80
81 vardef kanji.grtwo.read =
82   push_pbox_toexpand("kanji.grtwo.read");
83   build_kanji.level(build_kanji.lr(450,0)
84     (kanji.grtwo.word)
85     (kanji.grtwo.sell));
86   expand_pbox;
87 enddef;

```

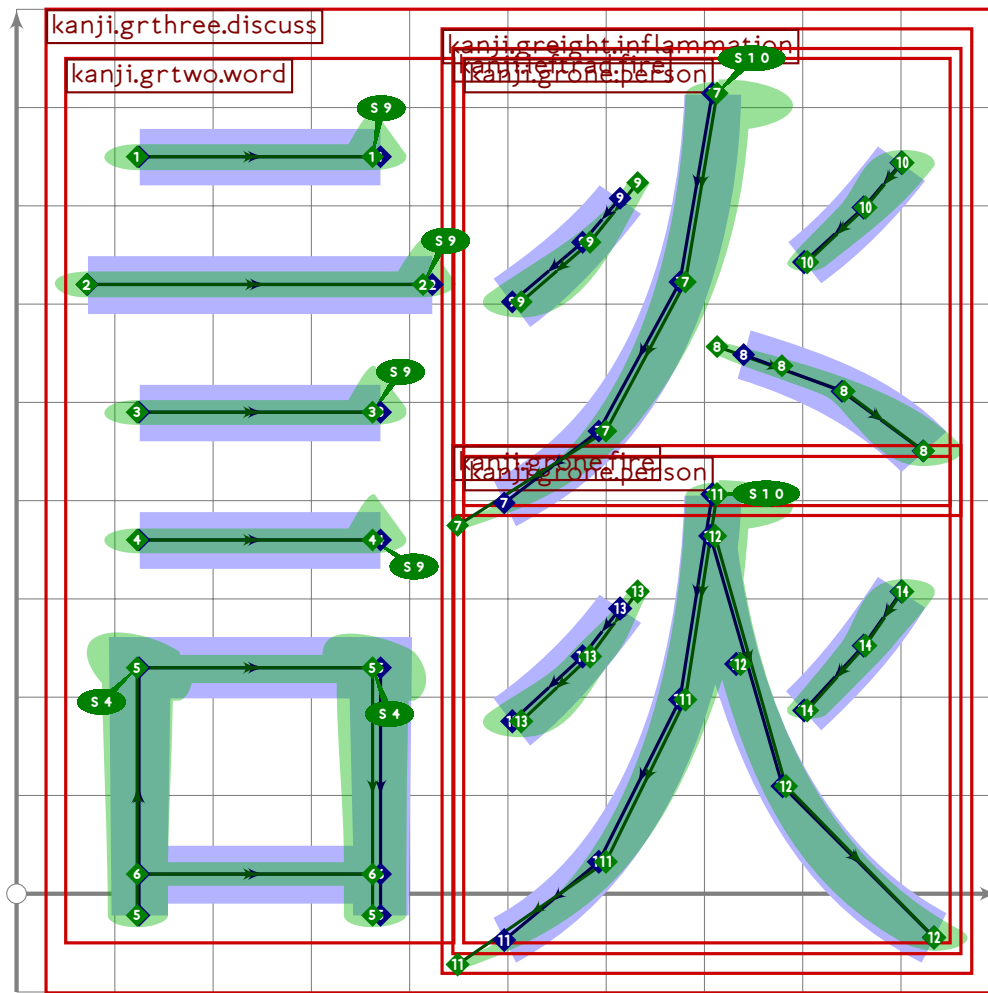
8A



```

88
89 vardef kanji.grtwo.talk =
90   push_pbox_toexpand("kanji.grtwo.talk");
91   build_kanji.level(build_kanji.lr(450,0)
92     (kanji.grtwo.word)
93     (build_kanji.add_beret(tsu_xform(identity yscaled 0.88)
94       (kanji.grtwo.old))));
95   expand_pbox;
96 enddef;
97
98

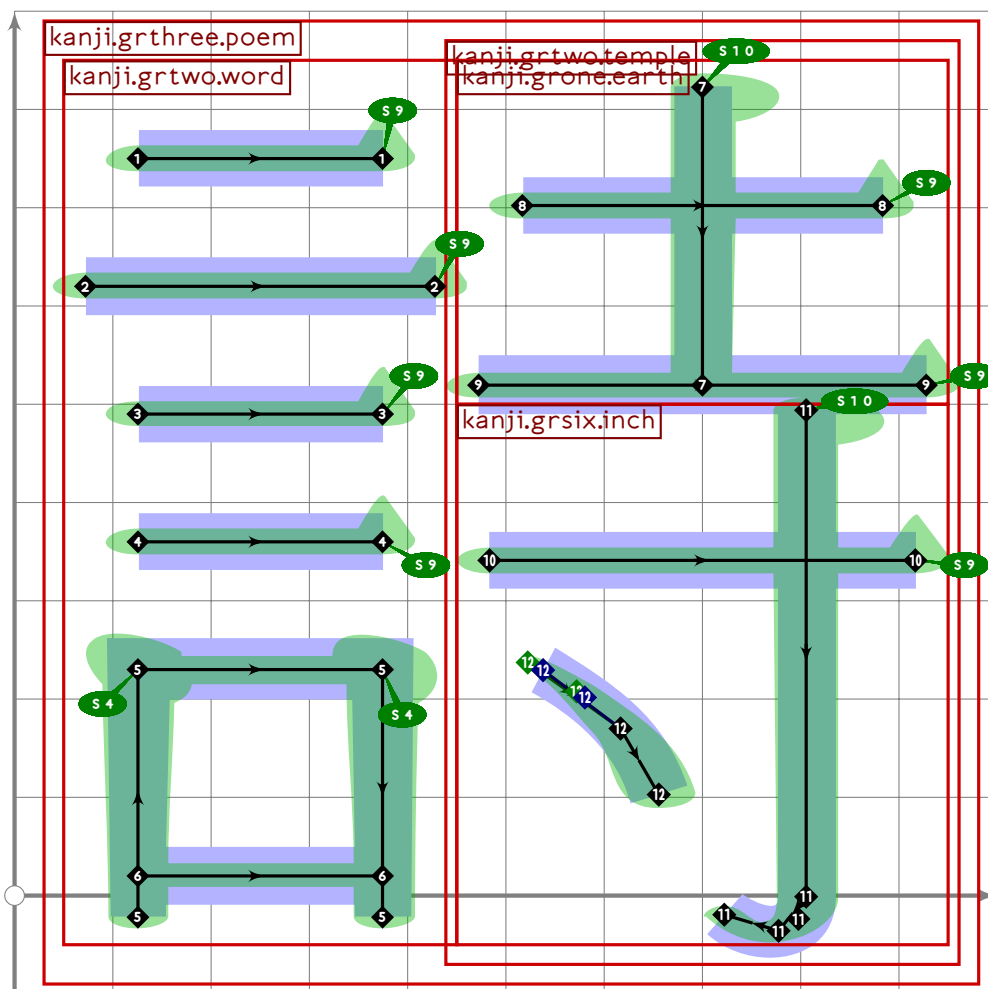
```



```

99
100 vardef kanji.grthree.discuss =
101   push_pbox_toexpand("kanji.grthree.discuss");
102   build_kanji.level(build_kanji.lr(450,-10-20*mincho)
103     (kanji.grtwo.word)
104     (kanji.greight.inflammation));
105   expand_pbox;
106 enddef;

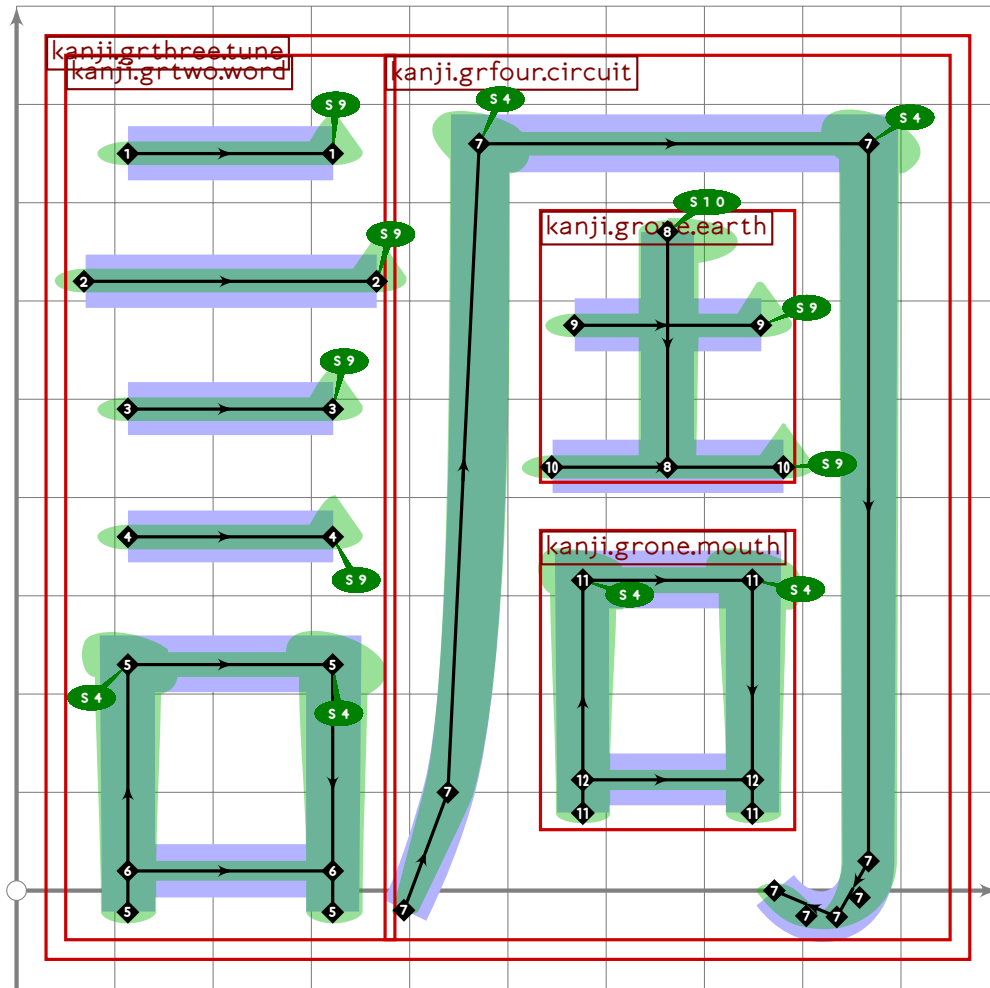
```



```

107
108 vardef kanji.grthree.poem =
109   push_pbox_toexpand("kanji.grthree.poem");
110   build_kanji.level(build_kanji.lr(450,0)
111     (kanji.grtwo.word)
112     (kanji.grtwo.temple));
113   expand_pbox;
114 enddef;

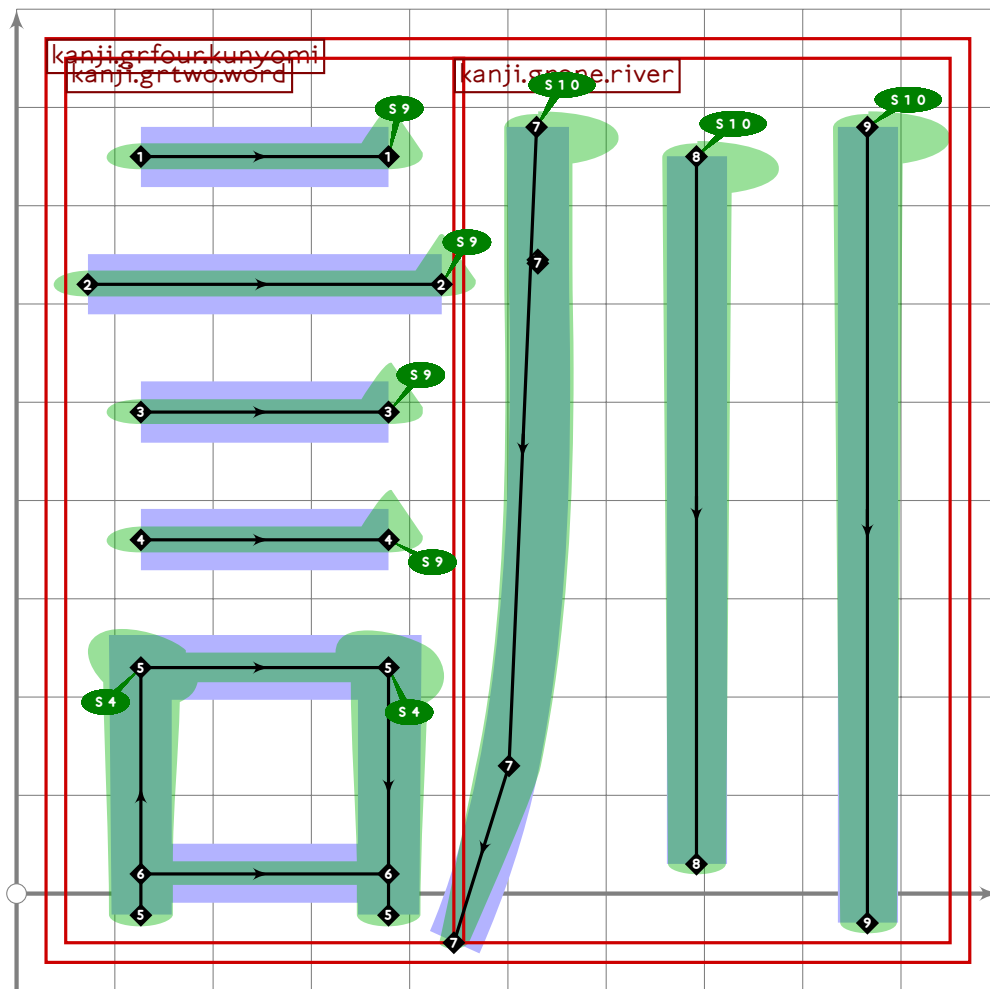
```



```

115
116 vardef kanji.grthree.tune =
117   push_pbox_toexpand("kanji.grthree.tune");
118   build_kanji.level(build_kanji.lr(380,10)
119     (kanji.grtwo.word)
120     (kanji.grfour.circuit));
121   expand_pbox;
122 enddef;
123
124

```

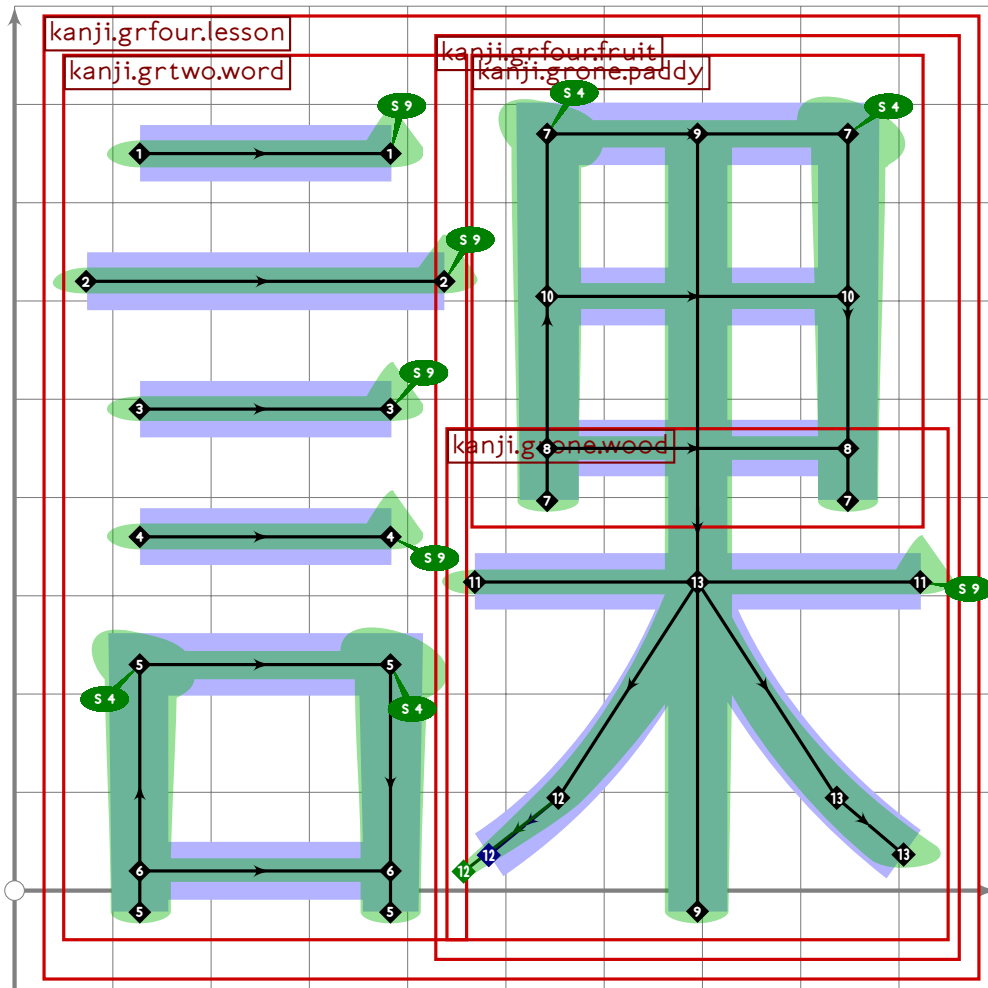


```

125
126 vardef kanji.grfour.kunyomi =
127   push_pbox_toexpand("kanji.grfour.kunyomi");
128   build_kanji.level(build_kanji.lr(450,10)
129     (kanji.grtwo.word)
130     (kanji.grone.river));
131   expand_pbox;
132 enddef;

```

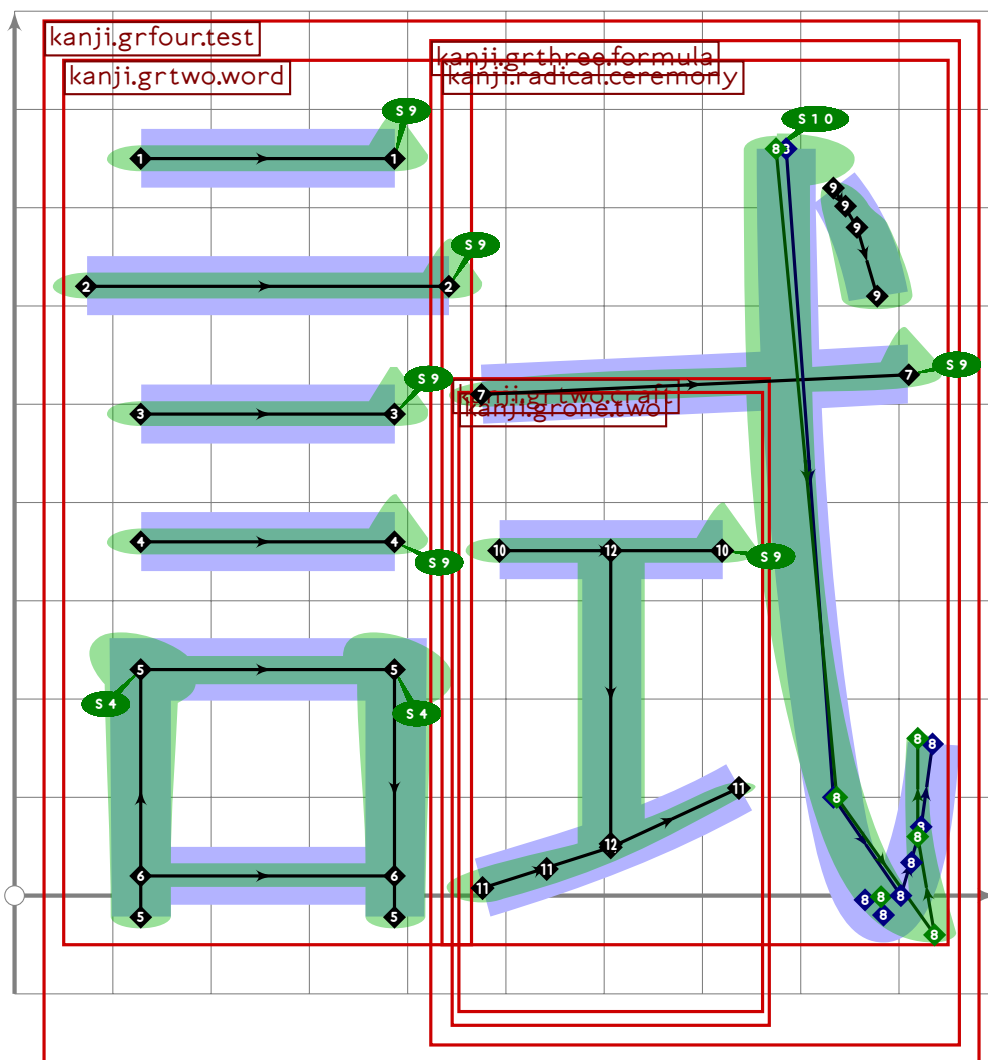




```

133
134 vardef kanji.grfour.lesson =
135   push_pbox_toexpand("kanji.grfour.lesson");
136   build_kanji.level(build_kanji.lr(450,20)
137     (kanji.grtwo.word)
138     (kanji.grfour.fruit));
139   expand_pbox;
140 enddef;

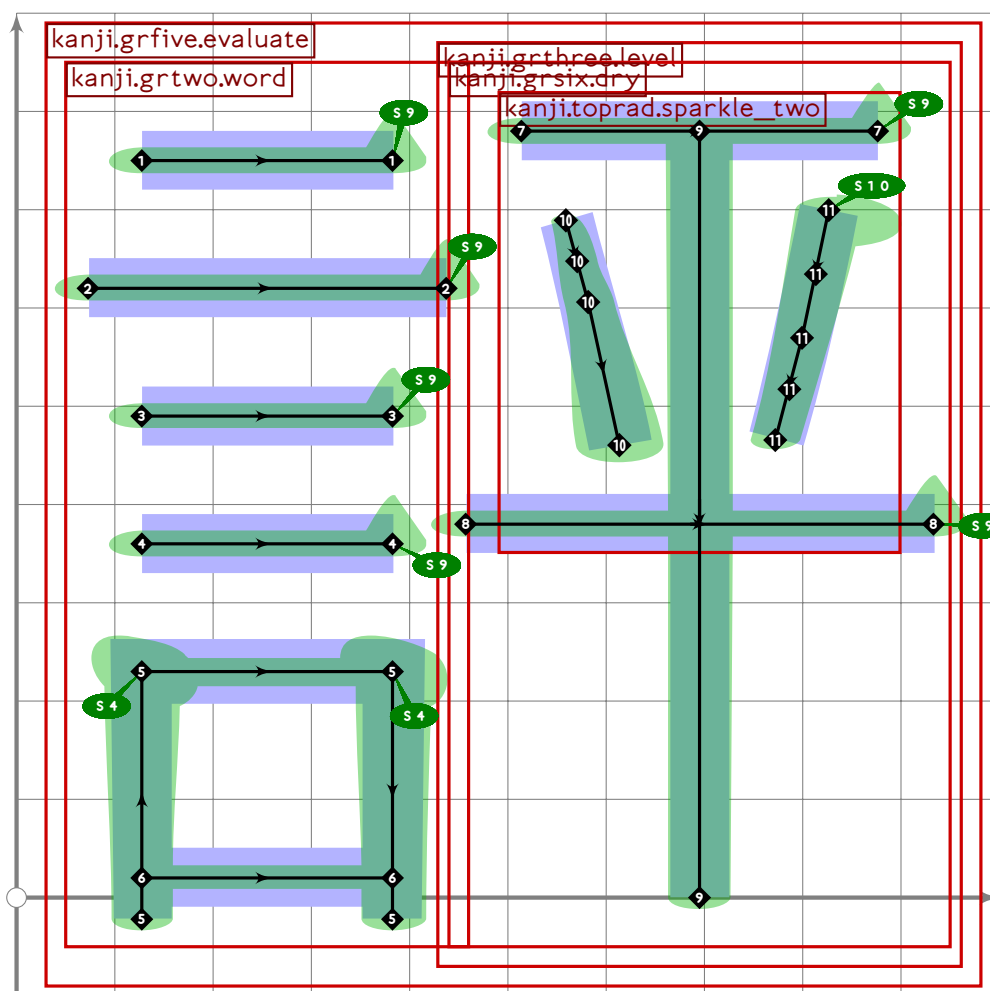
```



```

141
142 vardef kanji.grfour.test =
143   push_pbox_toexpand("kanji.grfour.test");
144   build_kanji.level(build_kanji.lr(450,30)
145     (kanji.grtwo.word)
146     (kanji.grthree.formula));
147   expand_pbox;
148 enddef;
149
150

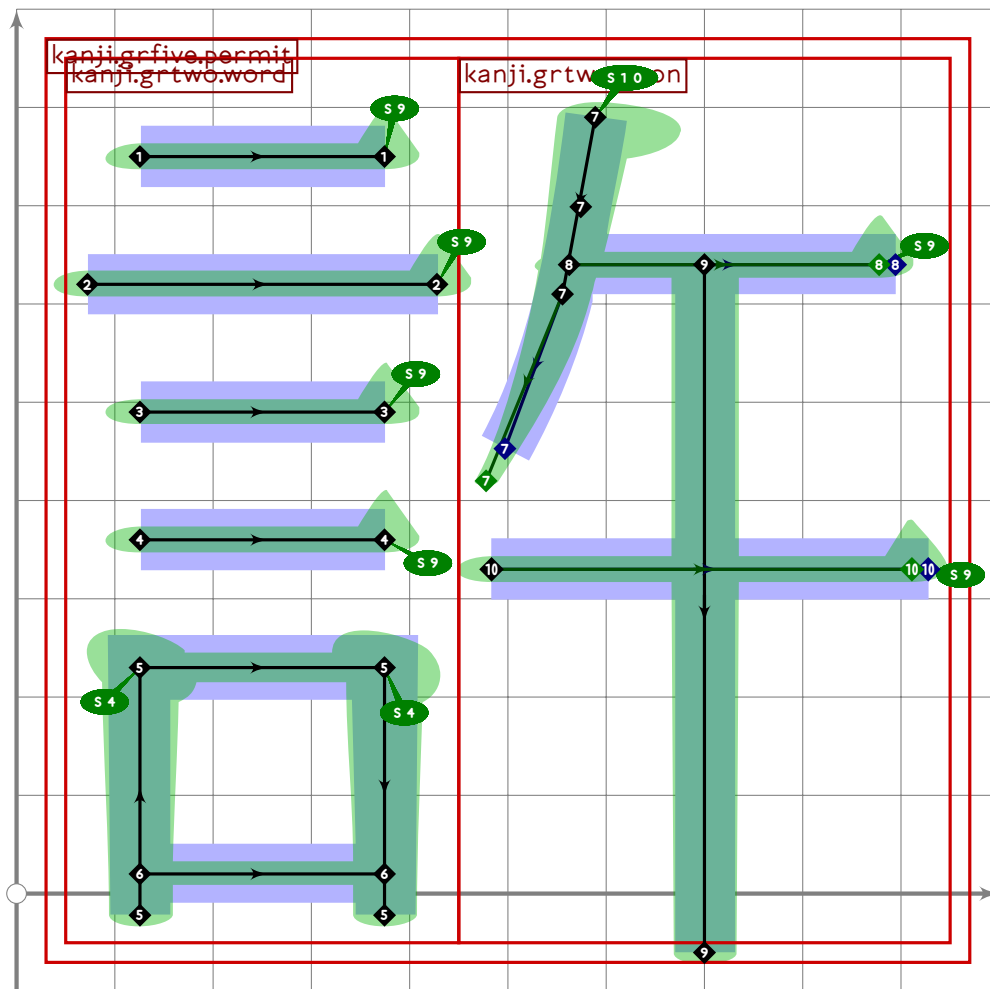
```



```

151
152 vardef kanji.grfive.evaluate =
153   push_pbox_toexpand("kanji.grfive.evaluate");
154   build_kanji.level(build_kanji.lr(450,20)
155     (kanji.grtwo.word)
156     (kanji.grthree.level));
157   expand_pbox;
158 enddef;

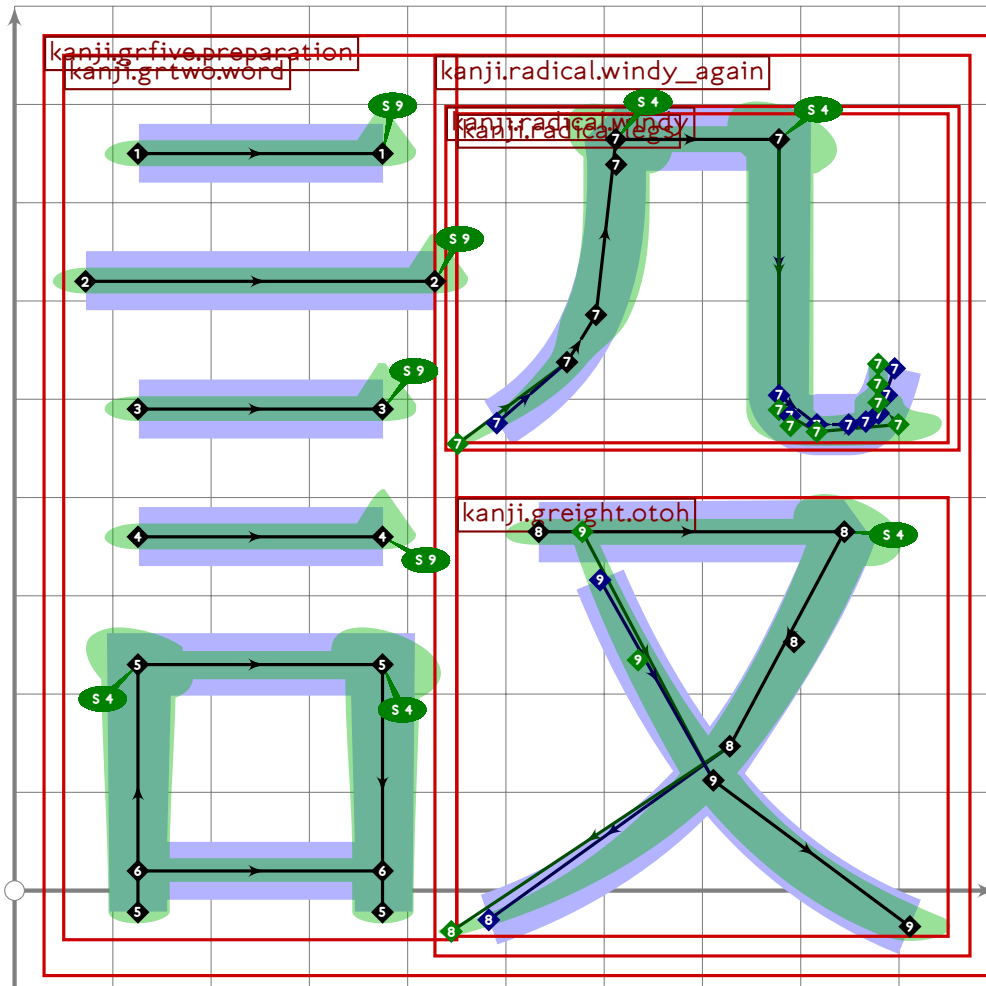
```



```

159
160 vardef kanji.grfive.permit =
161   push_pbox_toexpand("kanji.grfive.permit");
162   build_kanji.level(build_kanji.lr(450,0)
163     (kanji.grtwo.word)
164     (kanji.grtwo.noon));
165   expand_pbox;
166 enddef;

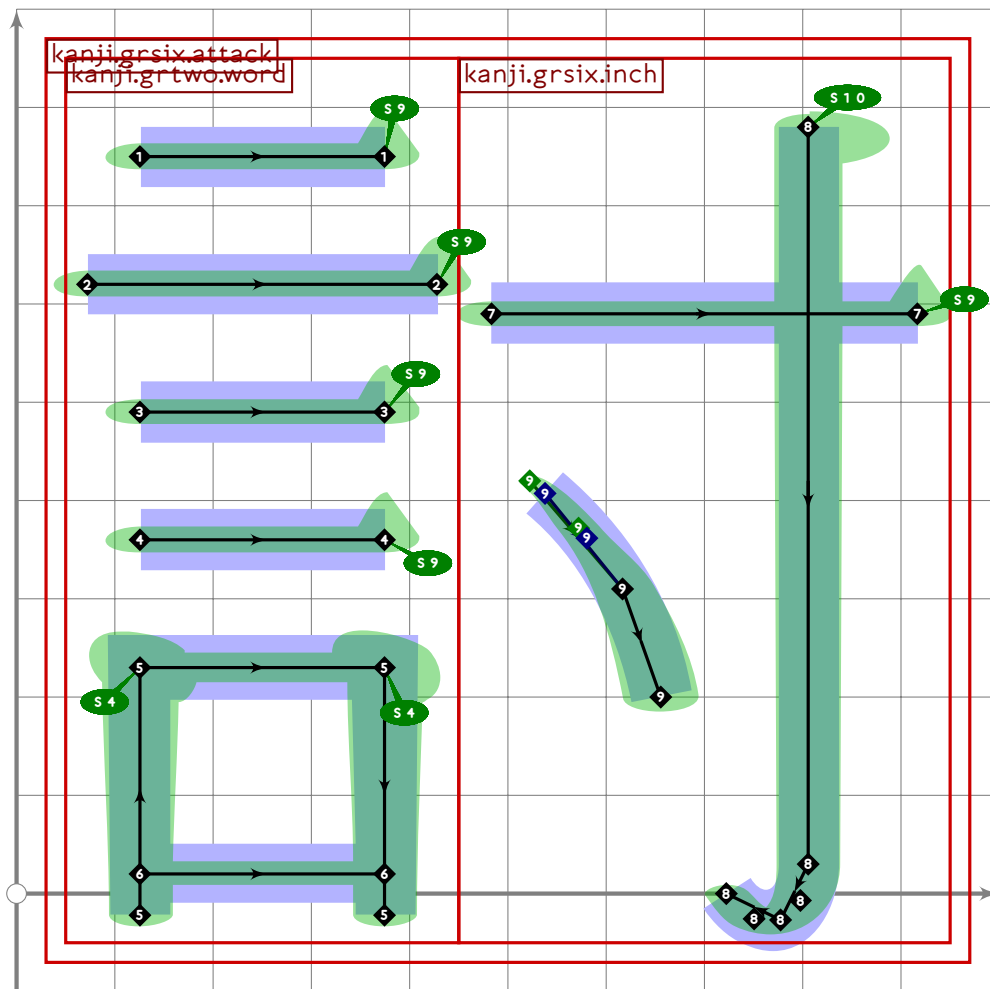
```



```

167
168 vardef kanji.grfive.preparation =
169   push_pbox_toexpand("kanji.grfive.preparation");
170   build_kanji.level(build_kanji.lr(450,0)
171     (kanji.grtwo.word)
172     (kanji.radical.windy_again));
173   expand_pbox;
174 enddef;
175
176

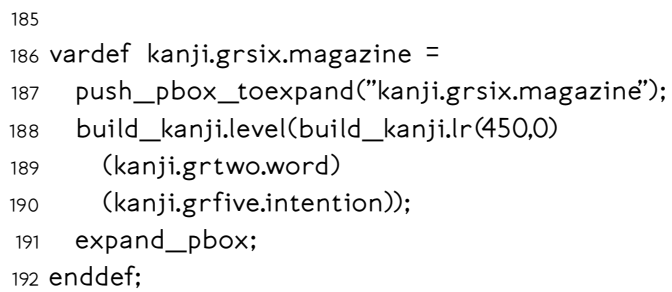
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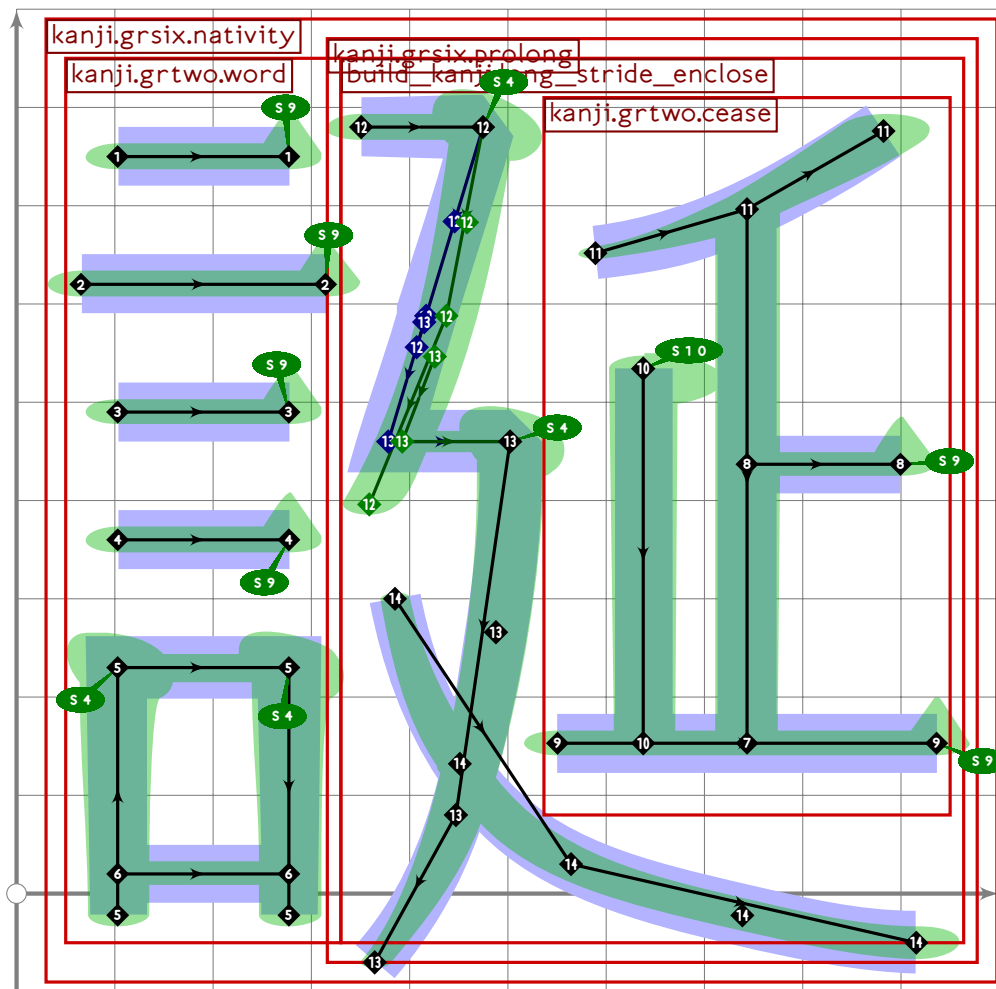


```

177
178 vardef kanji.grsix.attack =
179   push_pbox_toexpand("kanji.grsix.attack");
180   build_kanji.level(build_kanji.lr(450,0)
181     (kanji.grtwo.word)
182     (kanji.grsix.inch));
183   expand_pbox;
184 enddef;

```



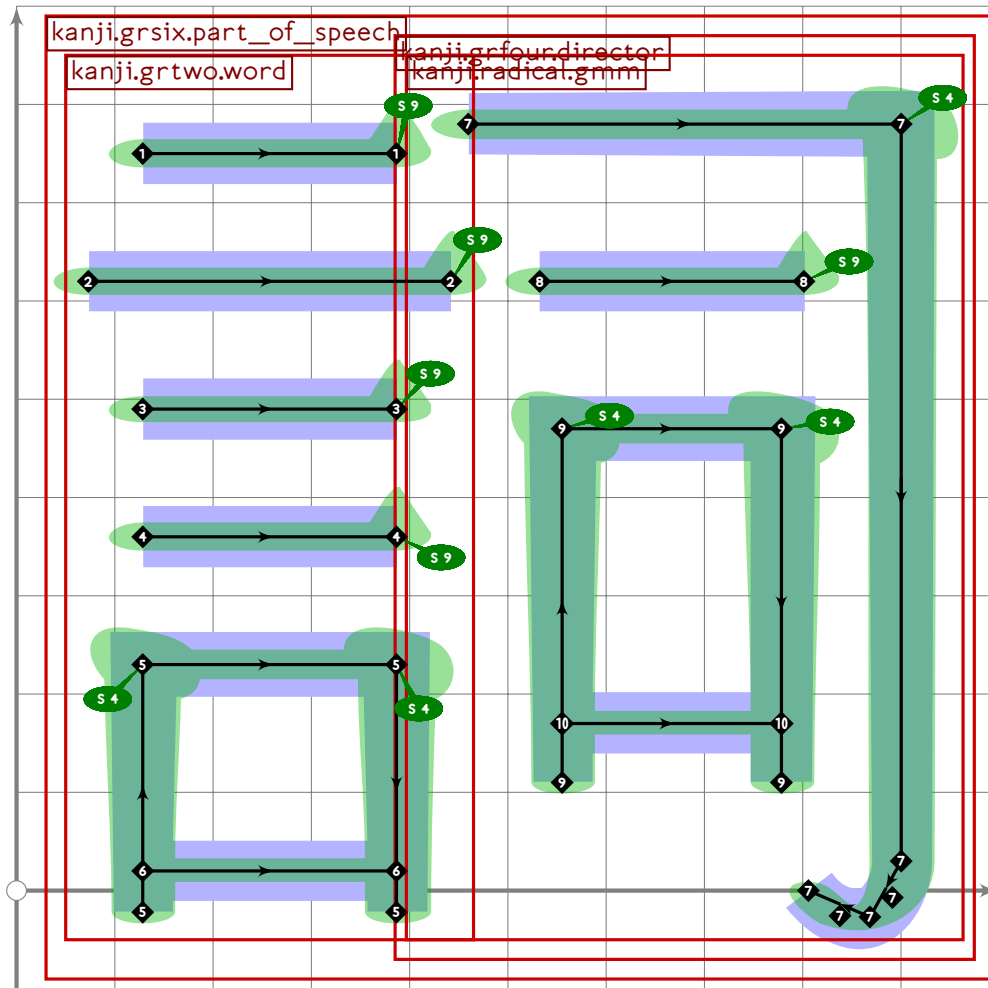


```

193
194 vardef kanji.grsix.nativity =
195   push_pbox_toexpand("kanji.grsix.nativity");
196   build_kanji.level(build_kanji.lr(330,0)
197     (kanji.grtwo.word)
198     (kanji.grsix.prolong));
199   expand_pbox;
200 enddef;

```

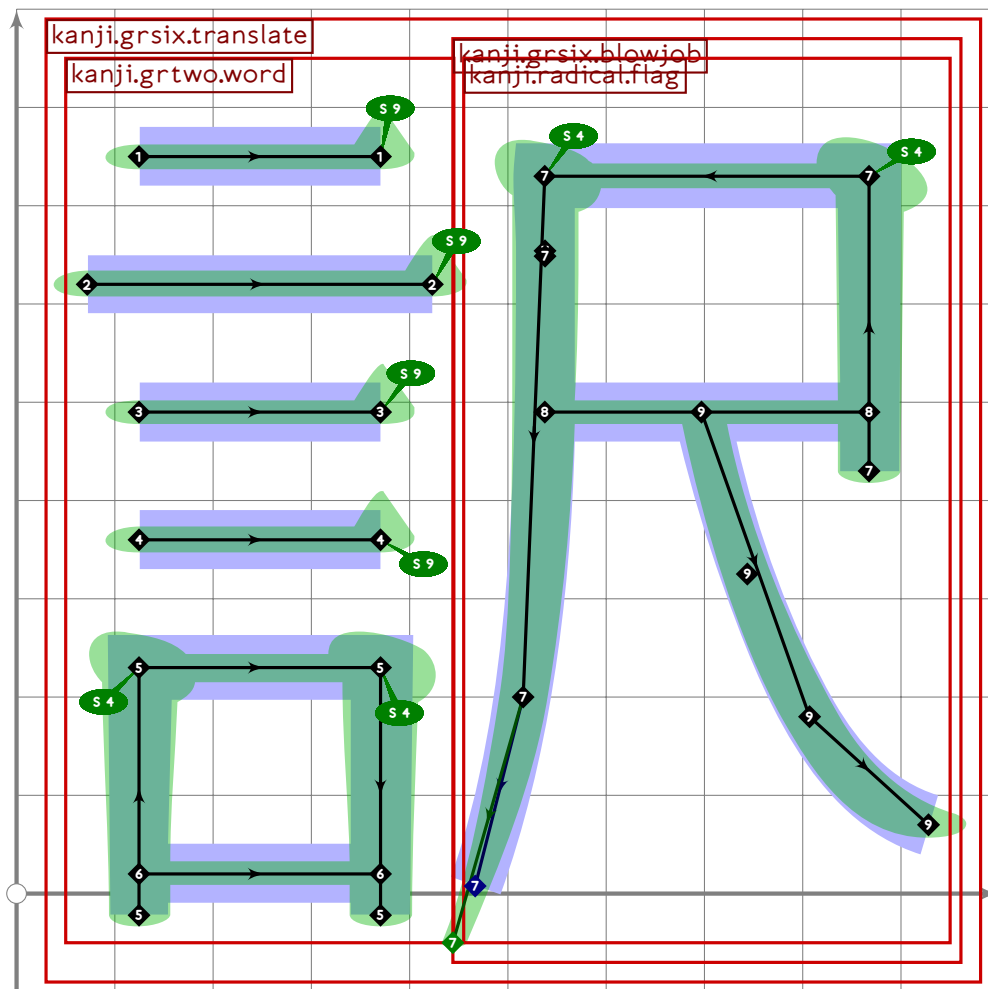




```

201
202 vardef kanji.grsix.part_of_speech =
203   push_pbox_toexpand("kanji.grsix.part_of_speech");
204   build_kanji.level(build_kanji.lr(450,30)
205     (kanji.grtwo.word)
206     (kanji.grfour.director));
207   expand_pbox;
208 enddef;

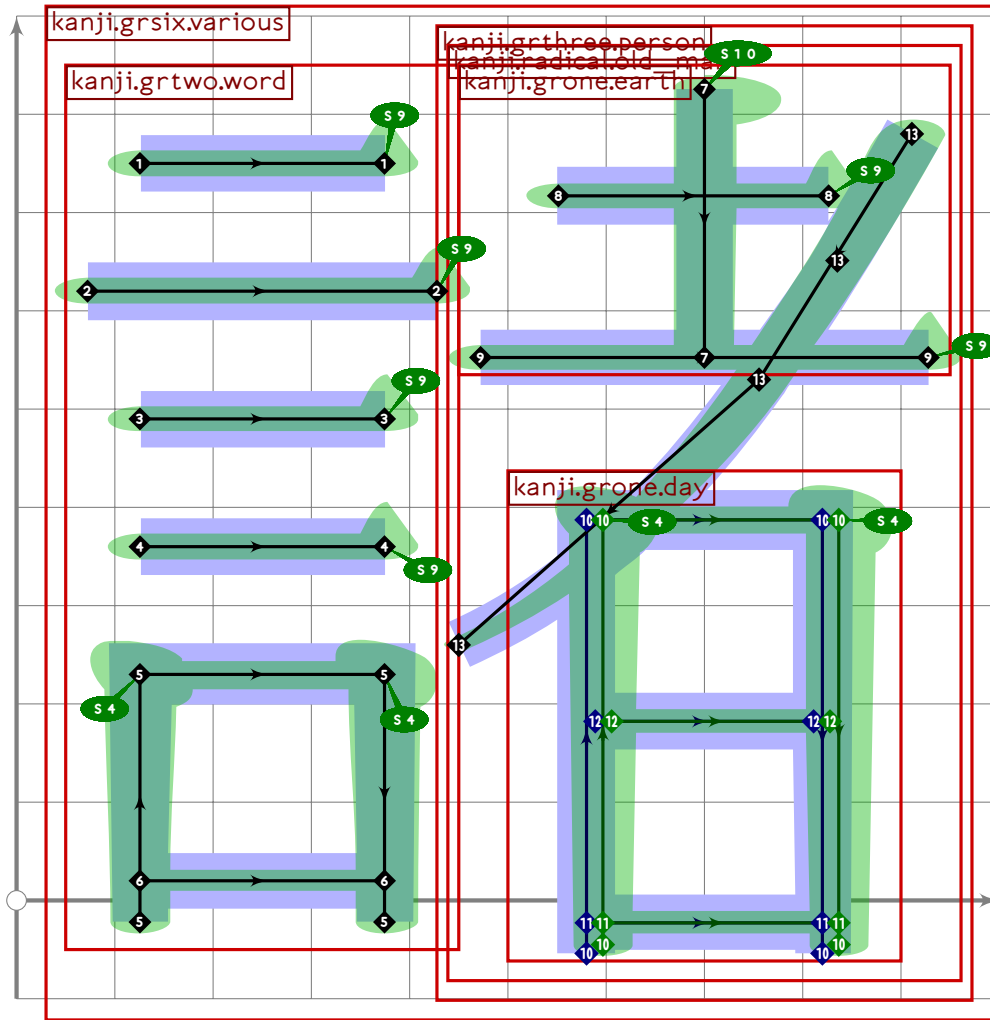
```



```

209
210 vardef kanji.grsix.translate =
211   push_pbox_toexpand("kanji.grsix.translate");
212   build_kanji.level(build_kanji.lr(450,-10)
213     (kanji.grtwo.word)
214     (kanji.grsix.blowjob));
215   expand_pbox;
216 enddef;

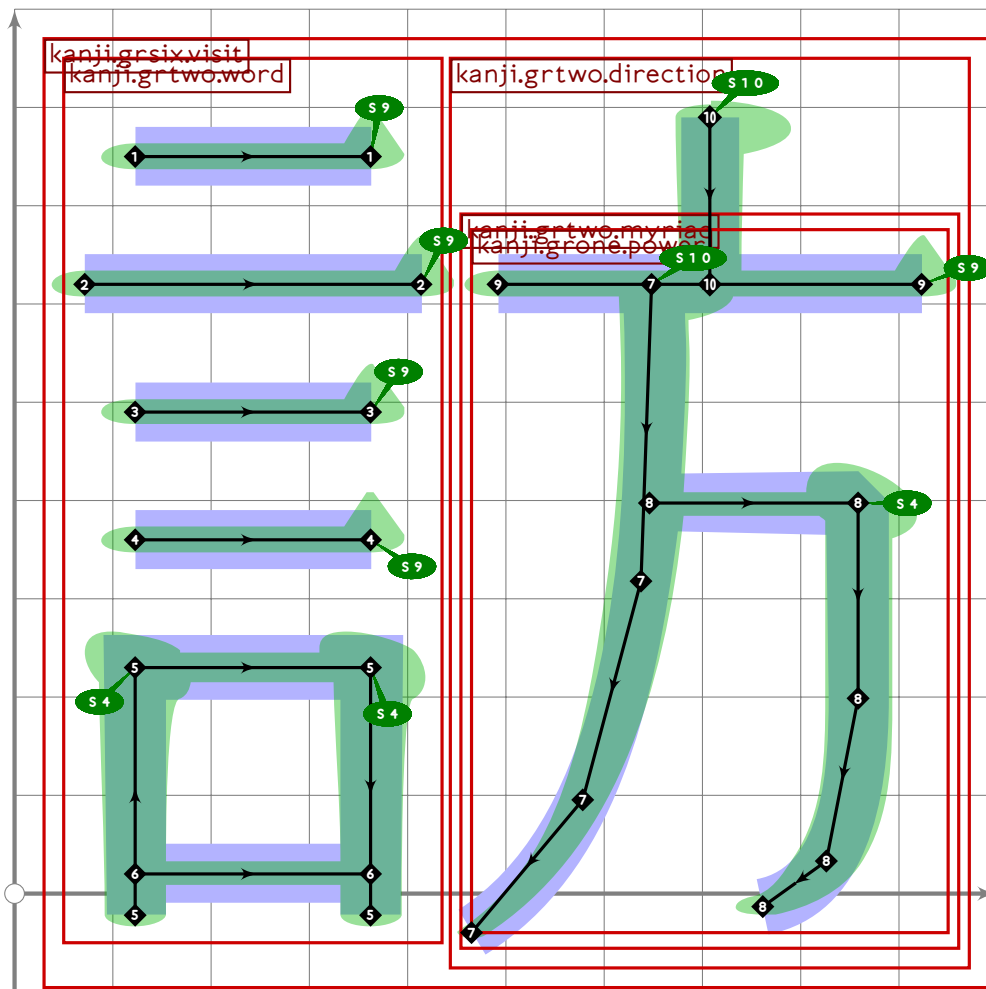
```



```

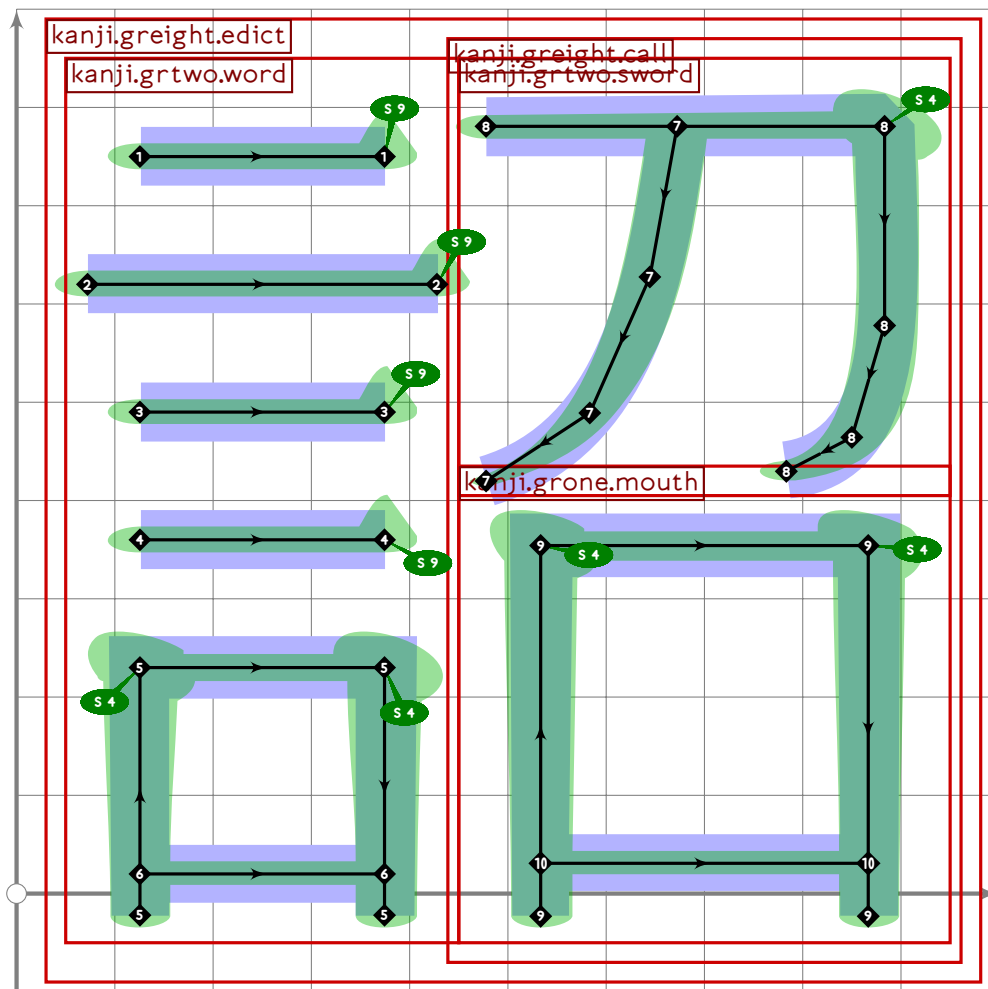
217
218 vardef kanji.grsix.various =
219   push_pbox_toexpand("kanji.grsix.various");
220   build_kanji.level(build_kanji.lr(450,0)
221     (kanji.grtwo.word)
222     (kanji.grthree.person));
223   expand_pbox;
224 enddef;

```



```

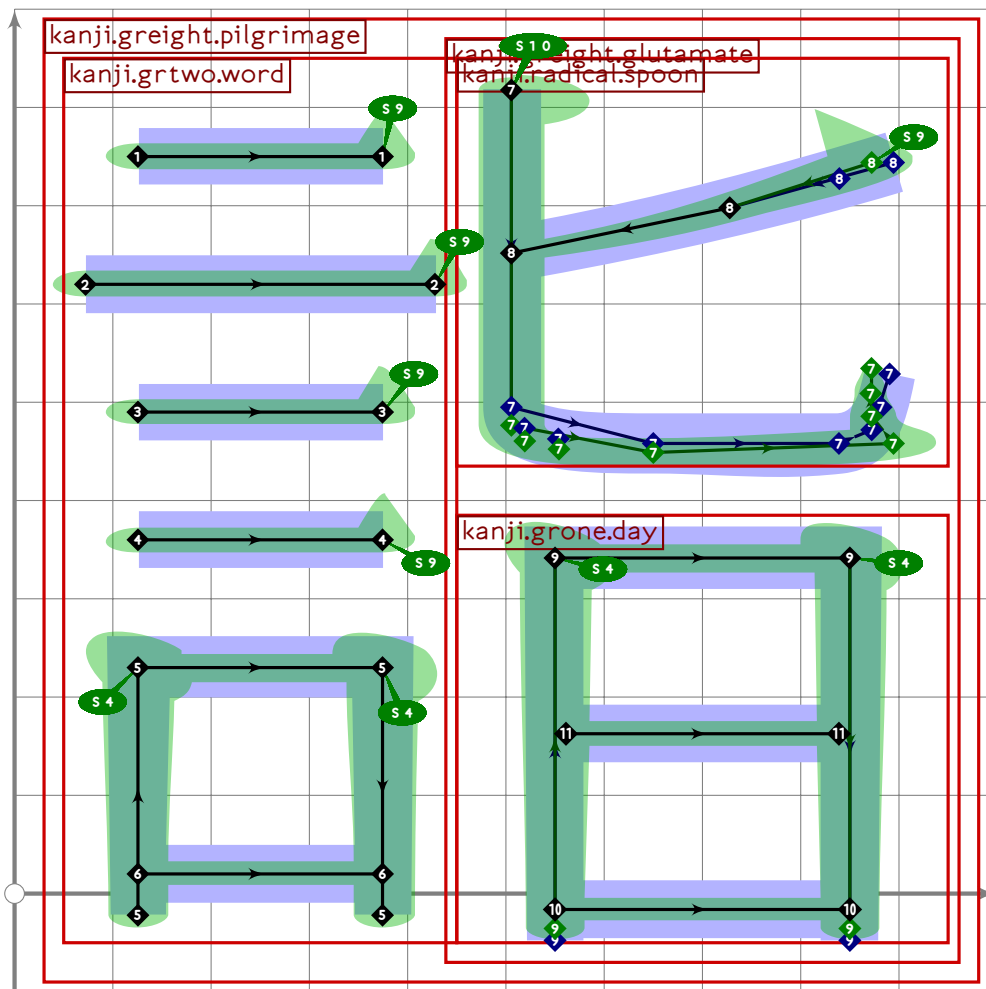
225
226 vardef kanji.grsix.visit =
227   push_pbox_toexpand("kanji.grsix.visit");
228   build_kanji.level(build_kanji.lr(450,-30)
229     (kanji.grtwo.word)
230     (kanji.grtwo.direction));
231   expand_pbox;
232 enddef;
233
234
```



```

235
236 vardef kanji.greight.edict =
237   push_pbox_toexpand("kanji.greight.edict");
238   build_kanji.level(build_kanji.lr(450,0)
239     (kanji.grtwo.word)
240     (kanji.greight.call));
241   expand_pbox;
242 enddef;

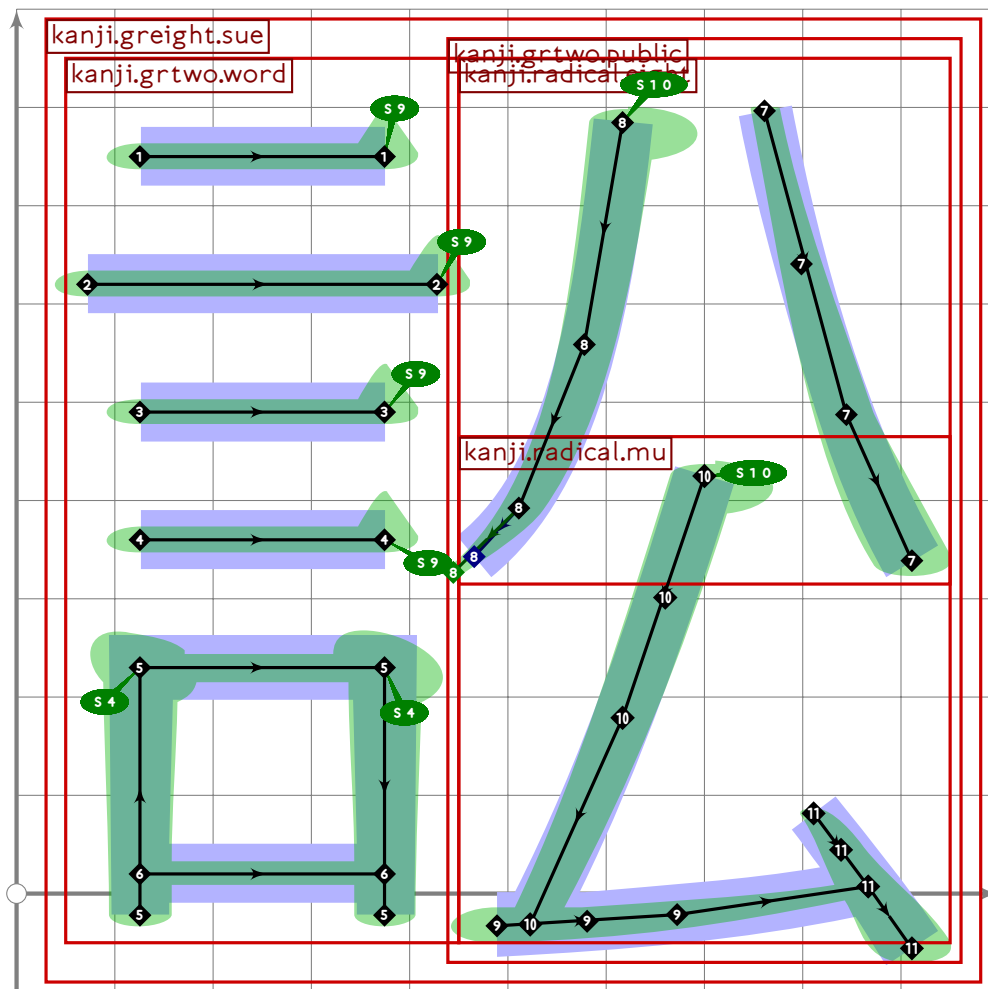
```



```

243
244 vardef kanji.greight.pilgrimage =
245   push_pbox_toexpand("kanji.greight.pilgrimage");
246   build_kanji.level(build_kanji.lr(450,0)
247     (kanji.grtwo.word)
248     (kanji.greight.glutamate));
249   expand_pbox;
250 enddef;
251
252 vardef kanji.greight.revise =
253   push_pbox_toexpand("kanji.greight.revise");
254   build_kanji.level(build_kanji.lr(450,0)
255     (kanji.grtwo.word)
256     (kanji.grthree.thumbtack));
257   expand_pbox;
258 enddef;

```

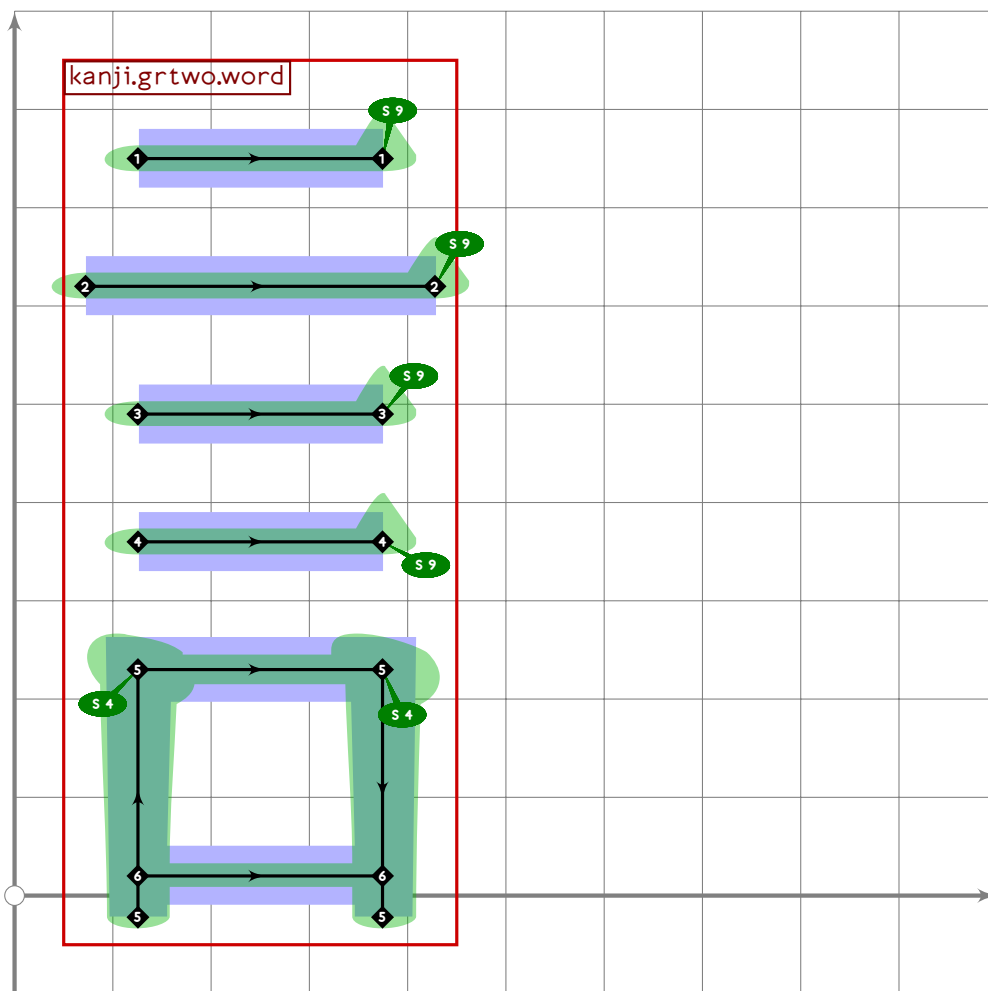


```

259
260 vardef kanji.greight.sue =
261   push_pbox_toexpand("kanji.greight.sue");
262   build_kanji.level(build_kanji.lr(450,0)
263     (kanji.grtwo.word)
264     (kanji.grtwo.public));
265   expand_pbox;
266 enddef;
267
268
269
270 % gen/i "word"
271 begintsuglyph("uni8A00";0);
272   kanji.grtwo.word;
273   tsu_render;
274 endtsuglyph;
275

```

[see page 549]



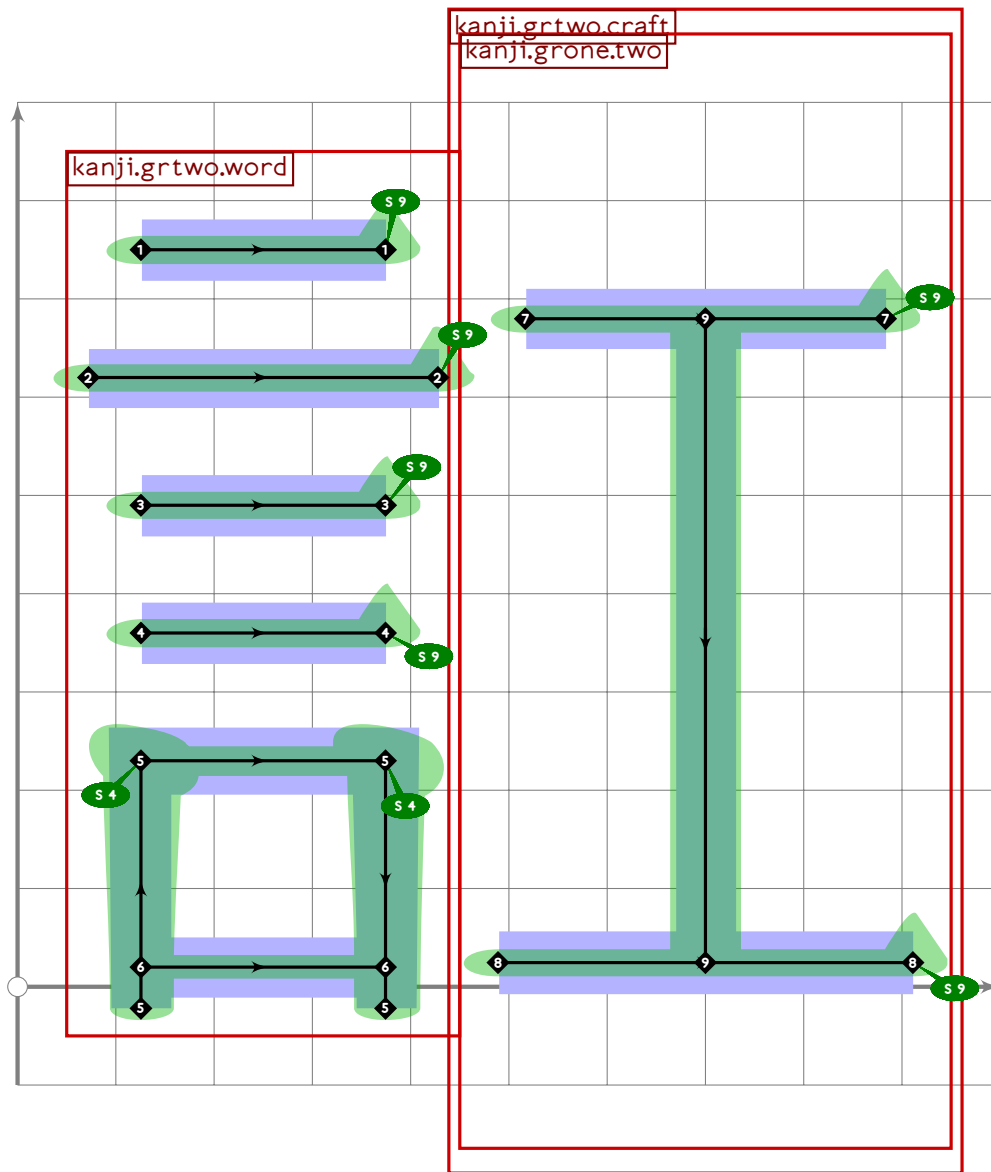
```

276 % extra (word left radical)
277 begintsuglyph("uni8A01";1);
278   build_kanji.lr(450,0)
279     (kanji.grtwo.word)
280   ();
281   tsu_render;
282 endtsuglyph;
283
284 % kei/haka "plan"
285 begintsuglyph("uni8A08";8);
286   kanji.grtwo.plan;
287   tsu_render;
288 endtsuglyph;
289

```

[see page 2492]





```

290 % extra: kou "become confused"
291 begintsuglyph("uni8A0C",12);
292   build_kanji.level(build_kanji.lr(450,0)
293     (kanji.grtwo.word)
294     (build_kanji.sscale(yscaled 1.26)(kanji.grtwo.craft)));
295   tsu_render;
296 endtsuglyph;
297
298 % tou/u "attack"
299 begintsuglyph("uni8A0E",14);
300   kanji.grsix.attack;
301   tsu_render;
302 endtsuglyph;
303
304 % kun "native Japanese kanji pronunciation"
305 % of course "kun" is the "on" reading of this kanji, don't be silly

```

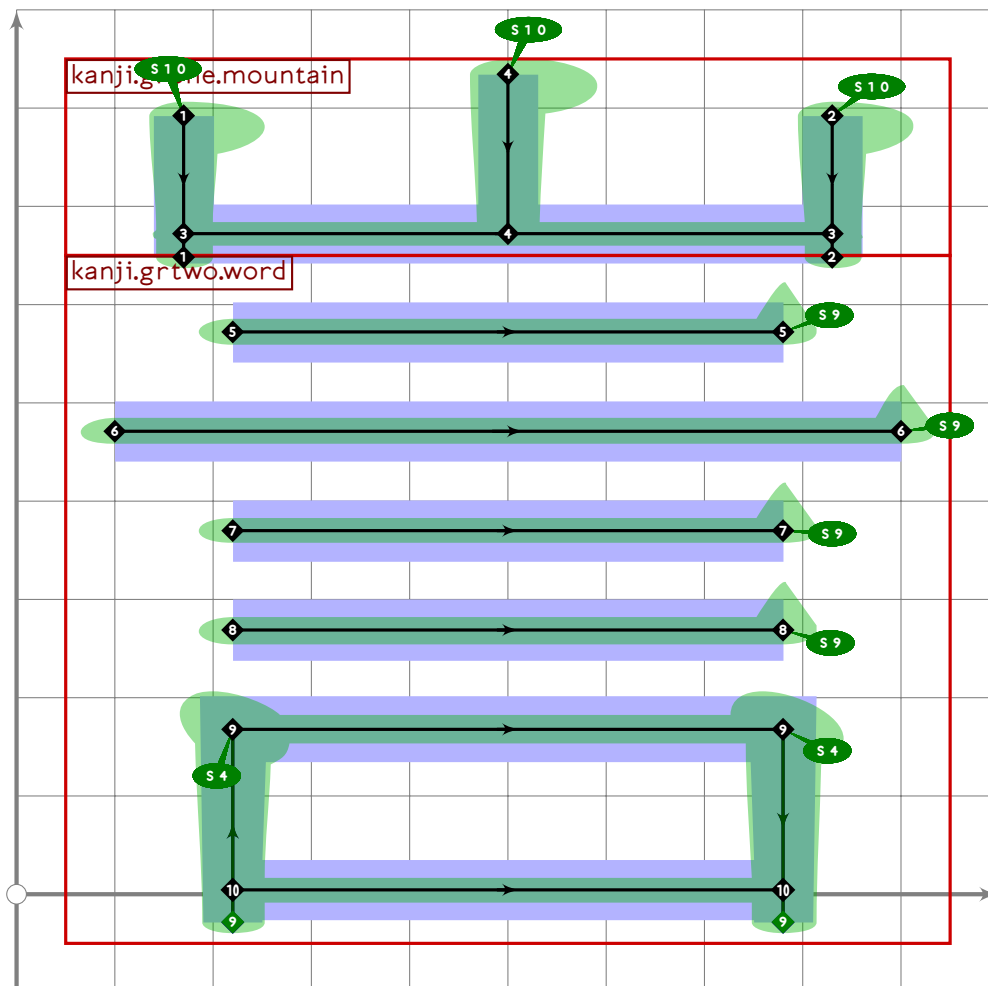
[see page 2504]

U+8A14  
tsuku.uni8A14

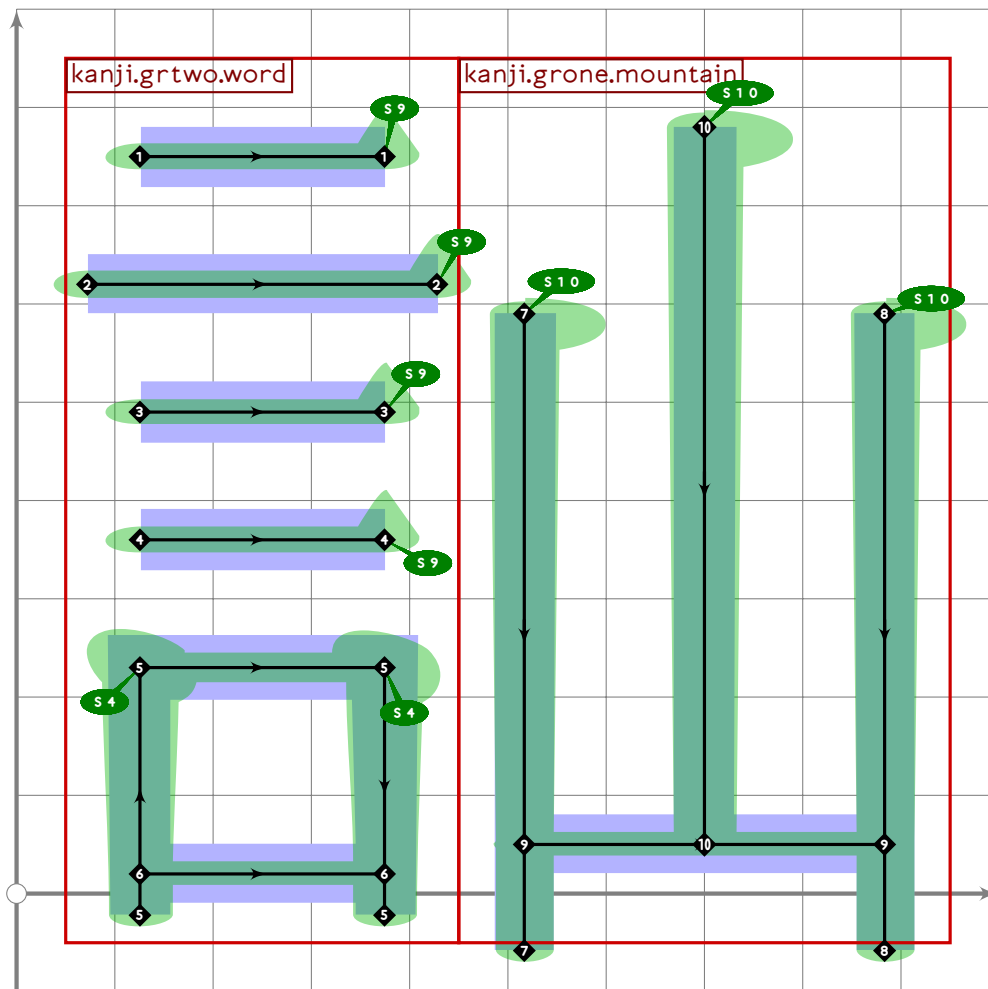
8A

[see page 2498]

```
306 begintsuglyph("uni8A13";19);
307   kanji.grfour.kunyomi;
308   tsu_render;
309 endtsuglyph;
310
```



```
311 % extra
312 begintsuglyph("uni8A14";20);
313   build_kanji.level(build_kanji.tb(650,0)
314     (kanji.grone.mountain)
315     (kanji.grtwo.word));
316   tsu_render;
317 endtsuglyph;
318
```

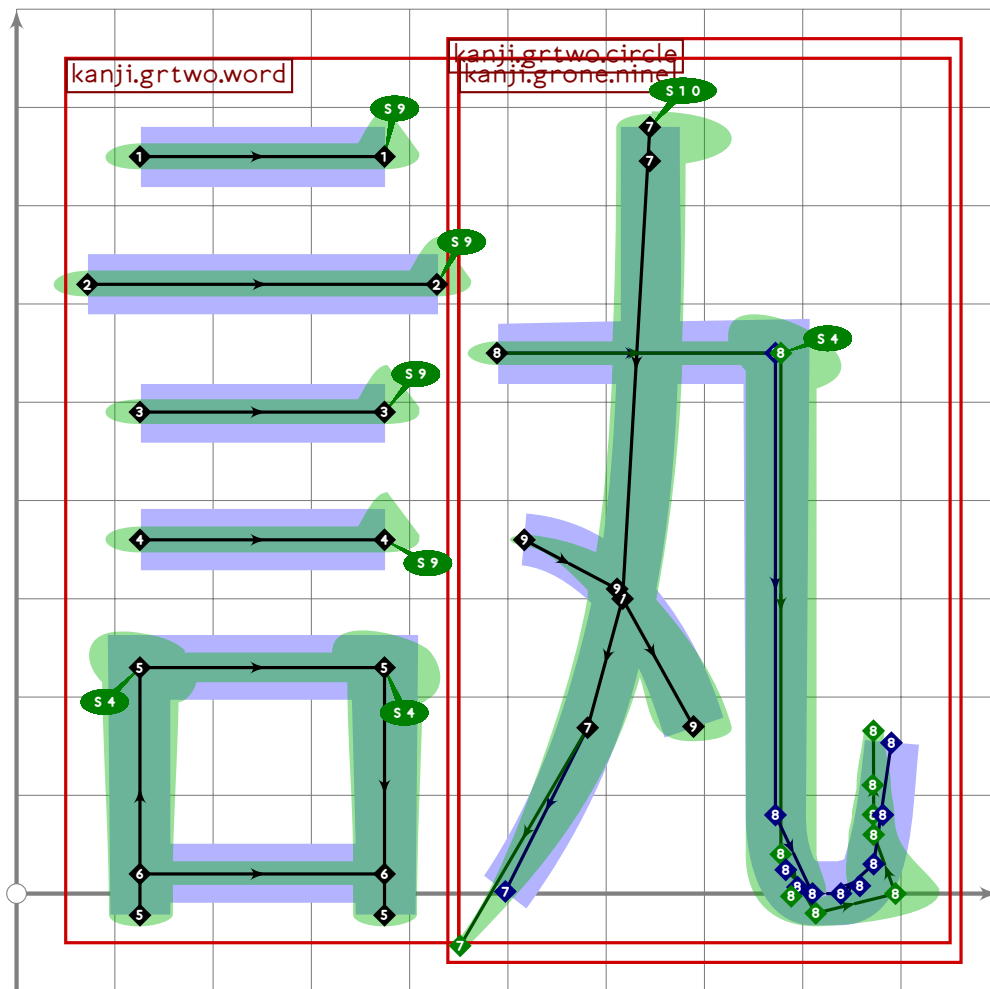


```

319 % extra
320 begintsuglyph("uni8A15";21);
321   build_kanji.level(build_kanji.lr(450,0)
322     (kanji.grtwo.word)
323     (kanji.grone.mountain));
324   tsu_render;
325 endtsuglyph;
326
327 % ki/shiru "account"
328 begintsuglyph("uni8A18";24);
329   kanji.grtwo.account;
330   tsu_render;
331 endtsuglyph;
332

```

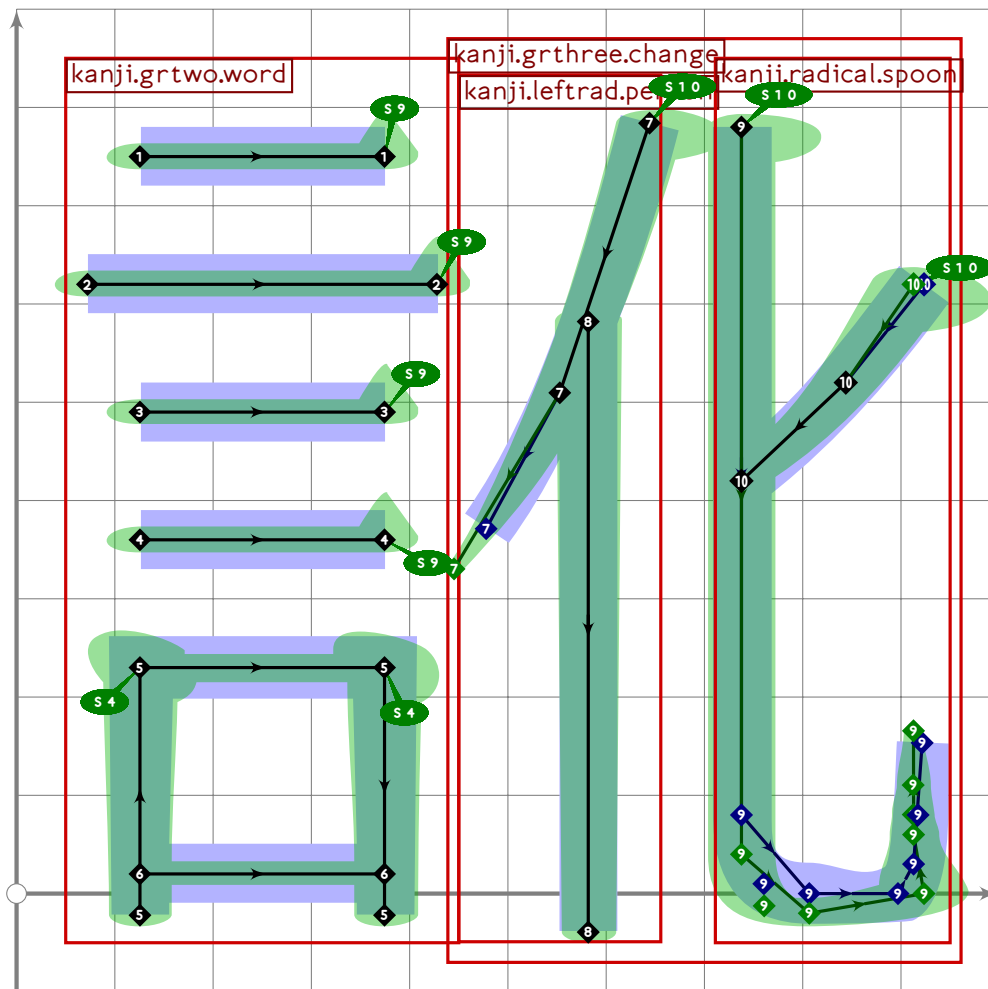
[see page 2490]



```

333 % extra
334 begintsuglyph("uni8A19";25);
335   build_kanji.level(build_kanji.lr(450,0)
336     (kanji.grtwo.word)
337     (kanji.grtwo.circle));
338   tsu_render;
339 endtsuglyph;
340

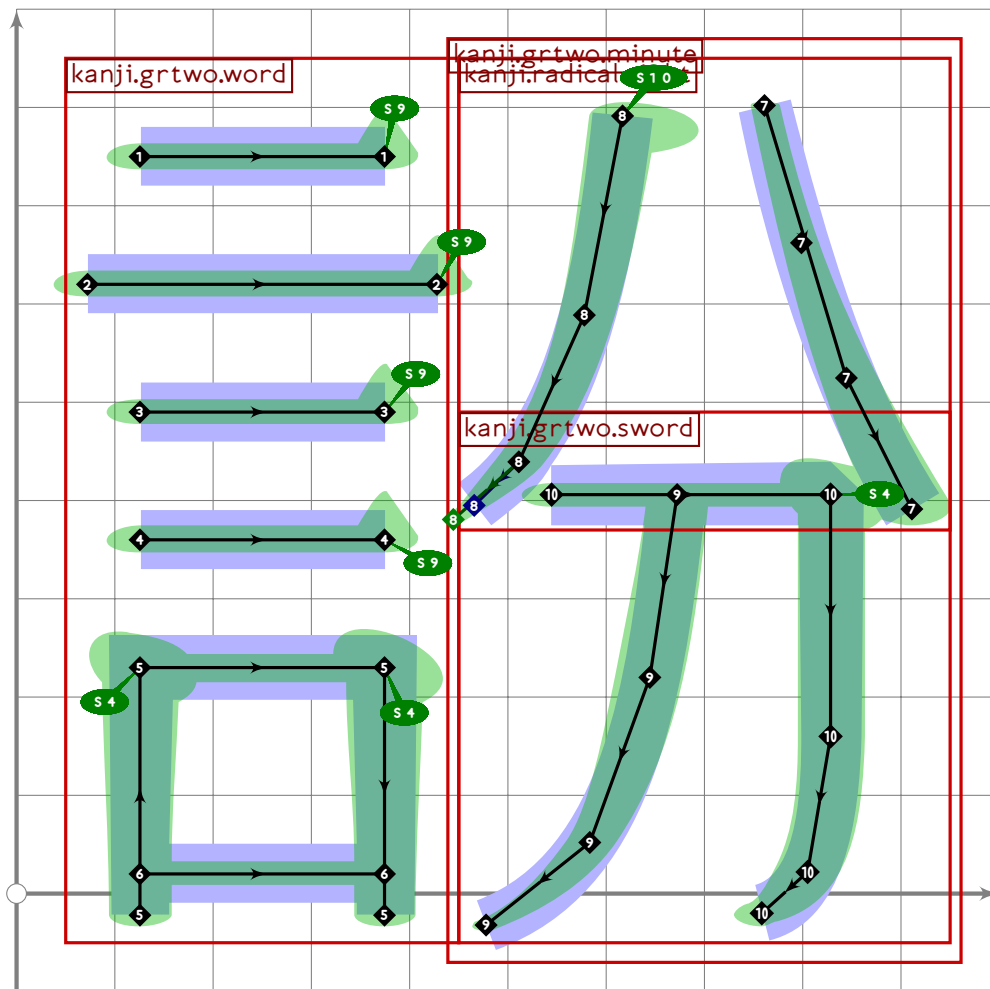
```



```

341 % ka/nama "accent (speech)"
342 begintsuglyph("uni8A1B",27);
343   build_kanji.level(build_kanji.lr(450,0)
344     (kanji.grtwo.word)
345     (kanji.grthree.change));
346   tsu_render;
347 endtsuglyph;
348

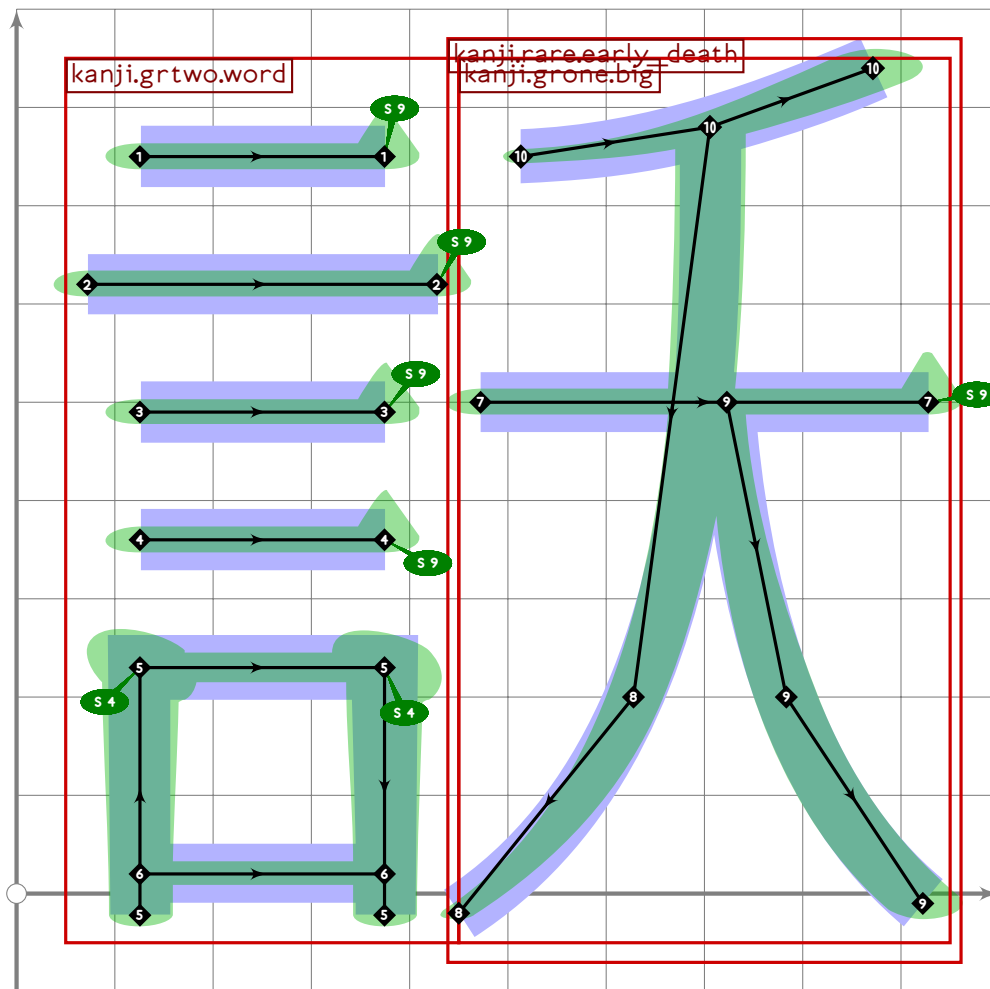
```



```

349 % extra
350 begintsuglyph("uni8A1C";28);
351   build_kanji.level(build_kanji.lr(450,0)
352     (kanji.grtwo.word)
353     (kanji.grtwo.minute));
354   tsu_render;
355 endtsuglyph;
356

```

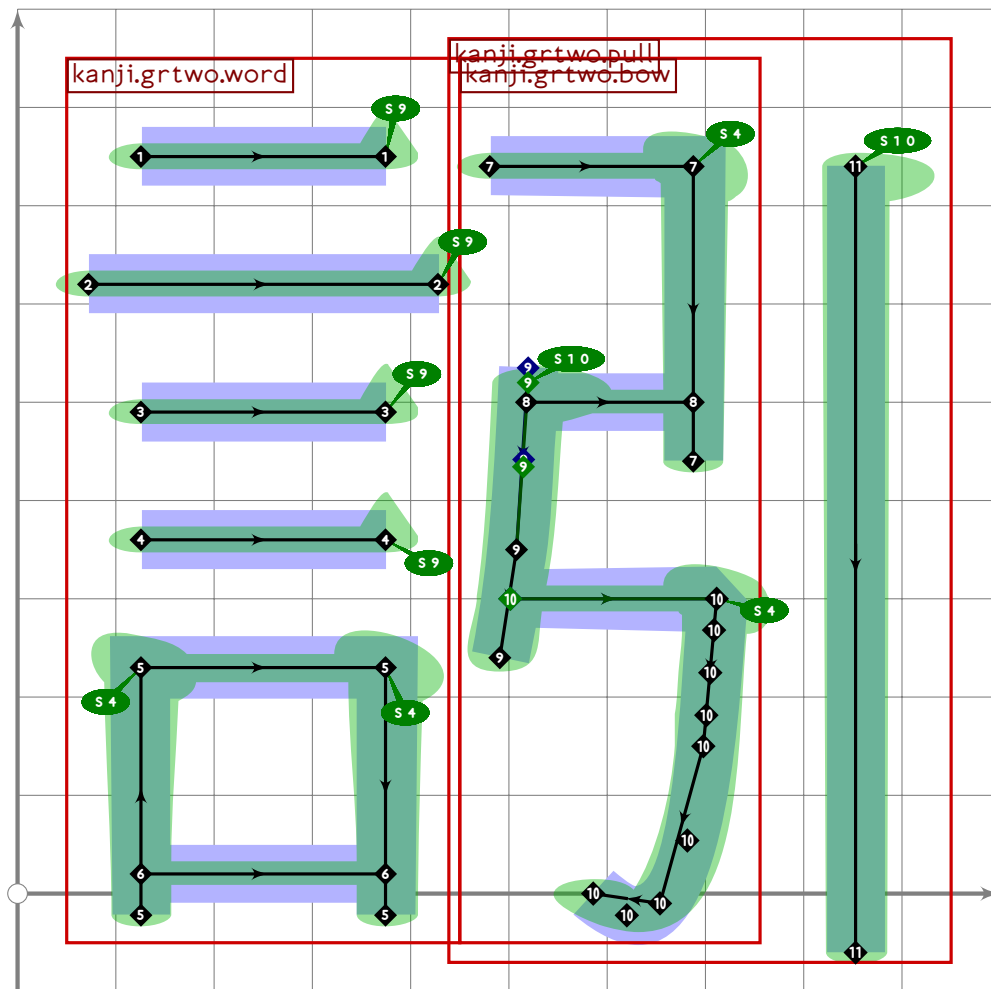


```

357 % extra
358 begintsuglyph("uni8A1E";30);
359   build_kanji.level(build_kanji.lr(450,0)
360     (kanji.grtwo.word)
361     (kanji.rare.early_death));
362   tsu_render;
363 endtsuglyph;
364
365 % shou "sue"
366 begintsuglyph("uni8A1F";31);
367   kanji.greight.sue;
368   tsu_render;
369 endtsuglyph;
370

```

[see page 2513]

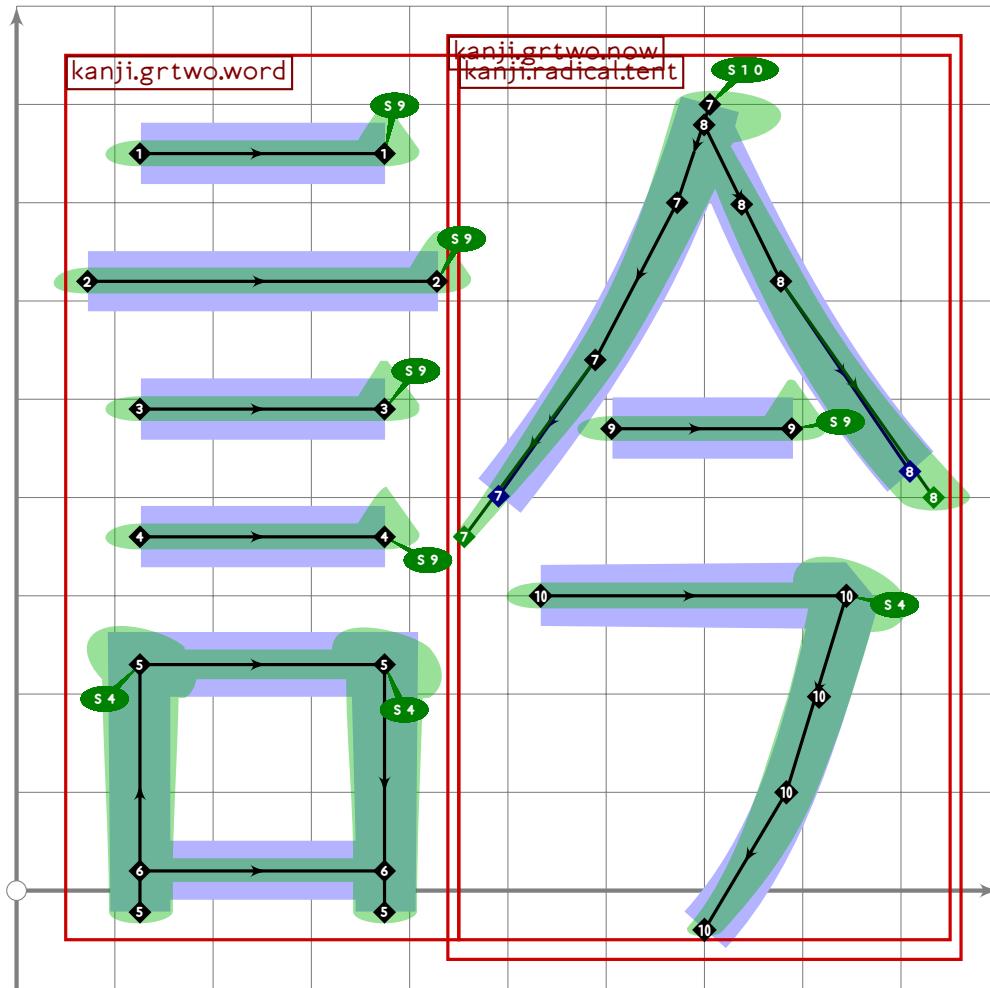


```

371 % extra
372 begintsuglyph("uni8A20";32);
373   build_kanji.level(build_kanji.lr(450,0)
374     (kanji.grtwo.word)
375     (kanji.grtwo.pull));
376   tsu_render;
377 endtsuglyph;
378

```

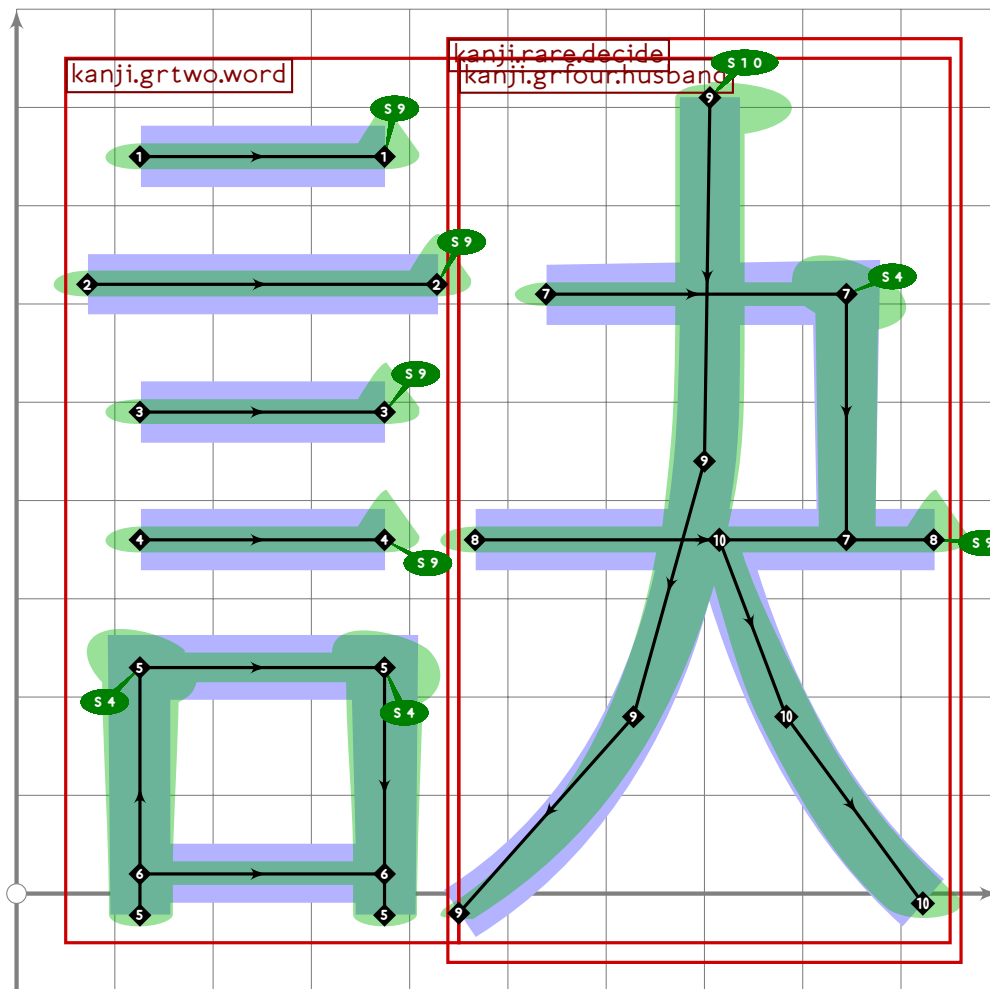




```

379 % extra
380 beginsuglyph("uni8A21";33);
381   build_kanji.level(build_kanji.lr(450,0)
382     (kanji.grtwo.word)
383     (kanji.grtwo.now));
384   tsu_render;
385 endtsuglyph;
386

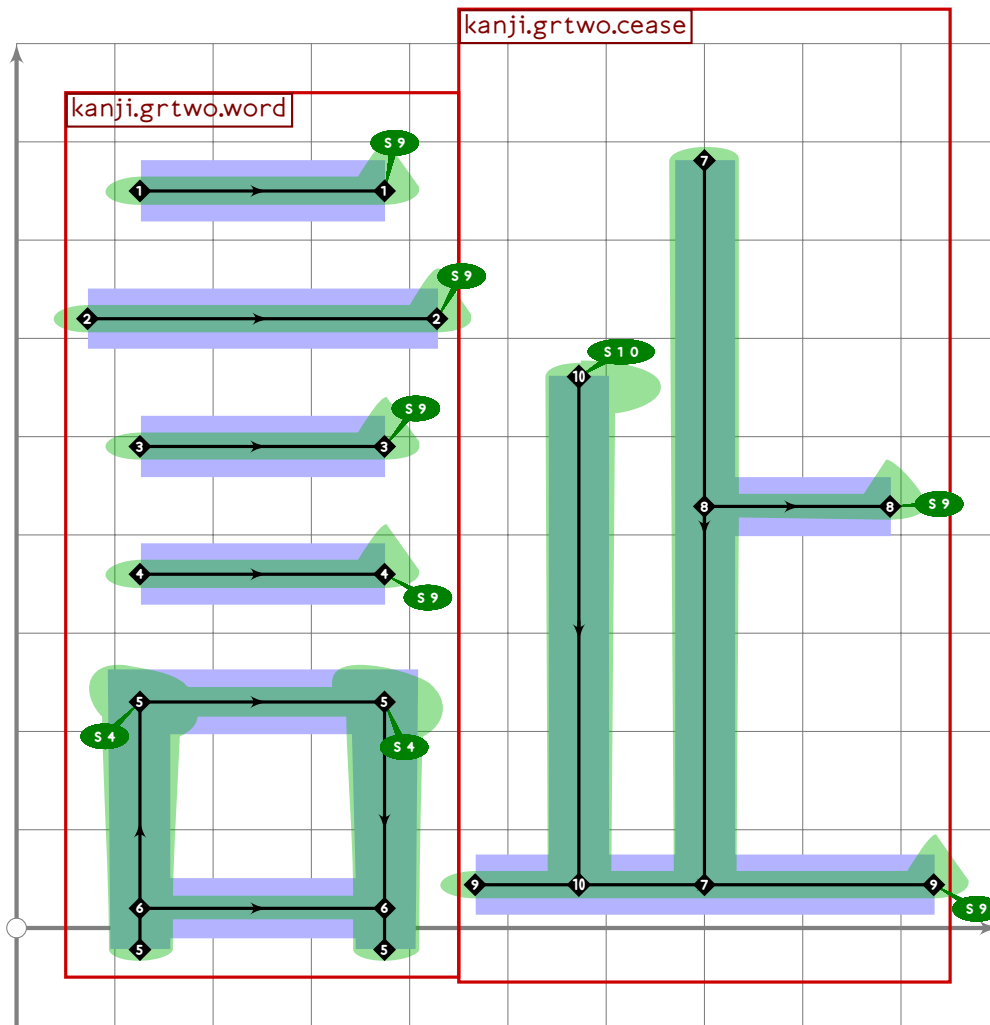
```



```

387 % extra: separation
388 begintsuglyph("uni8A23";35);
389   build_kanji.level(build_kanji.lr(450,0)
390     (kanji.grtwo.word)
391     (kanji.rare.decide));
392   tsu_render;
393 endtsuglyph;
394

```

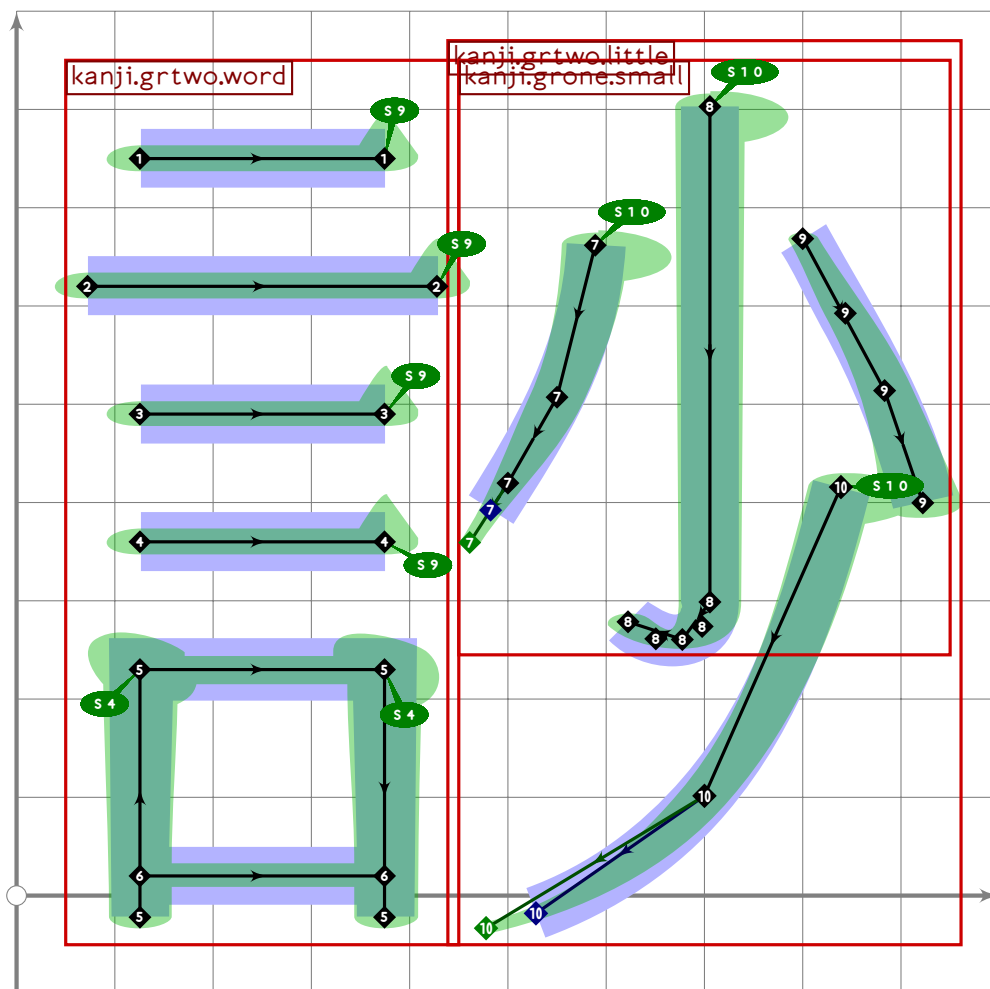


```

395 % extra
396 begintsuglyph("uni8A28";40);
397   build_kanji.level(build_kanji.lr(450,0)
398     (kanji.grtwo.word)
399     (tsu_xform(identity yscaled 1.1)(kanji.grtwo.cease)));
400   tsu_render;
401 endtsuglyph;
402
403 % hou/otazu "visit"
404 begintsuglyph("uni8A2A";42);
405   kanji.grsix.visit;
406   tsu_render;
407 endtsuglyph;
408

```

[see page 2510]



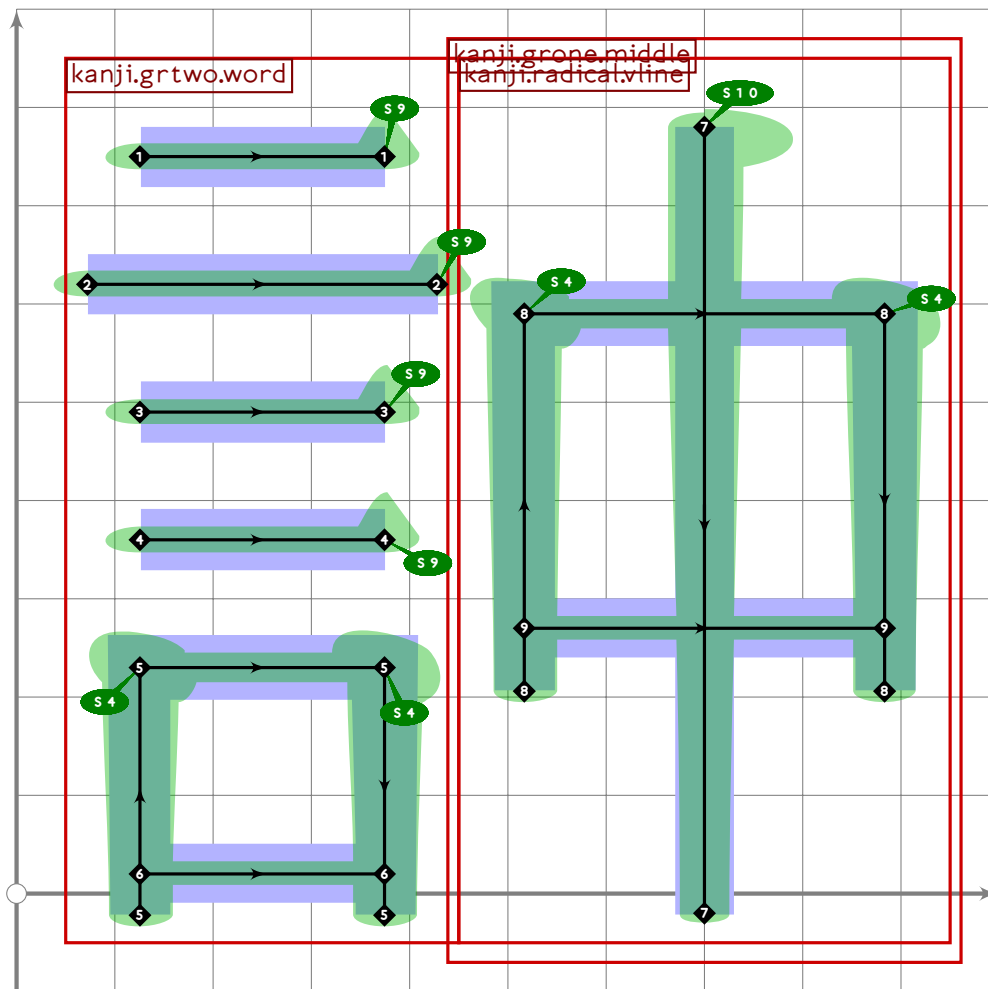
```

409 % extra
410 begintsuglyph("uni8A2C";44);
411   build_kanji.level(build_kanji.lr(450,0)
412     (kanji.grtwo.word)
413     (kanji.grtwo.little));
414   tsu_render;
415 endtsuglyph;
416
417 % satsu/mou "preparation"
418 begintsuglyph("uni8A2D";45);
419   kanji.grfive.preparation;
420   tsu_render;
421 endtsuglyph;
422
423 % kyo/yuru "permit" (forgive)
424 begintsuglyph("uni8A31";49);
425   kanji.grfive.permit;
426   tsu_render;
427 endtsuglyph;
428

```

[see page 2503]

[see page 2502]

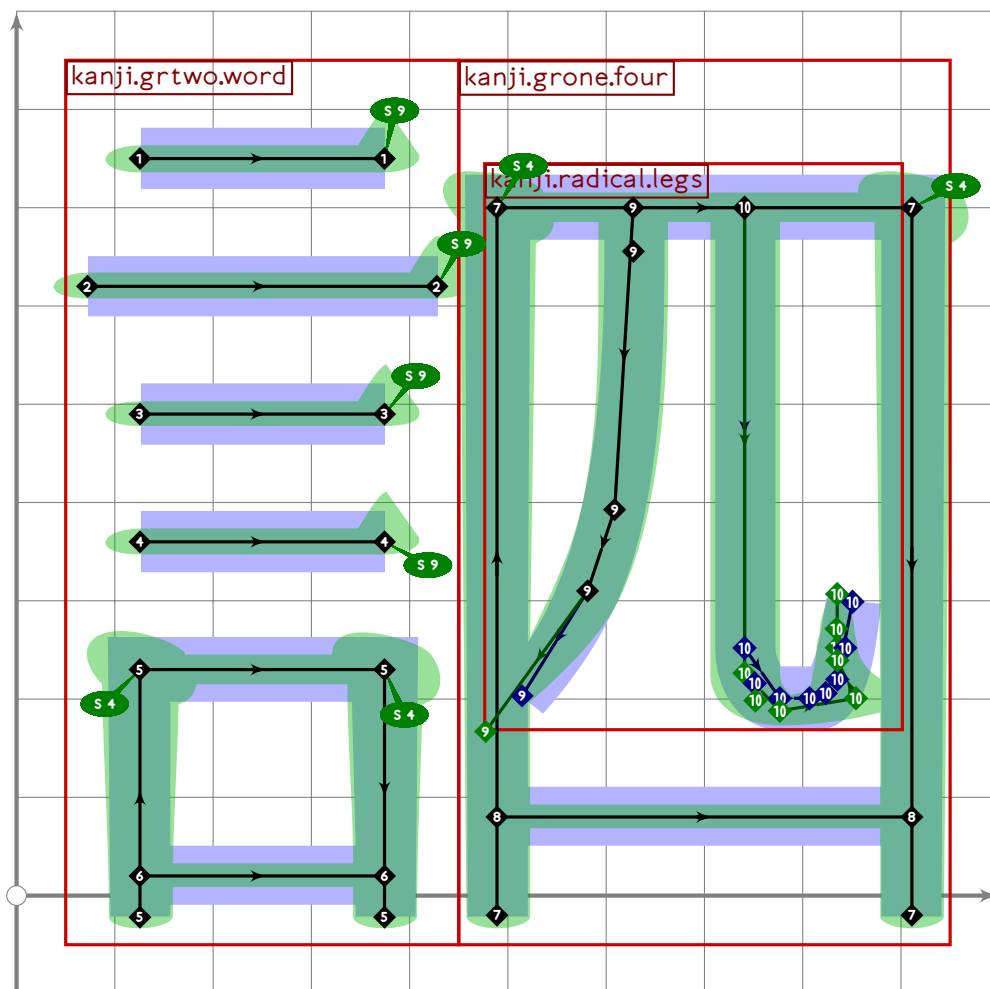


```

429 % extra
430 begintsuglyph("uni8A32";50);
431   build_kanji.level(build_kanji.lr(450,0)
432     (kanji.grtwo.word)
433     (kanji.grone.middle));
434   tsu_render;
435 endtsuglyph;
436
437 % yaku/wake "translate"
438 begintsuglyph("uni8A33";51);
439   kanji.grsix.translate;
440   tsu_render;
441 endtsuglyph;
442

```

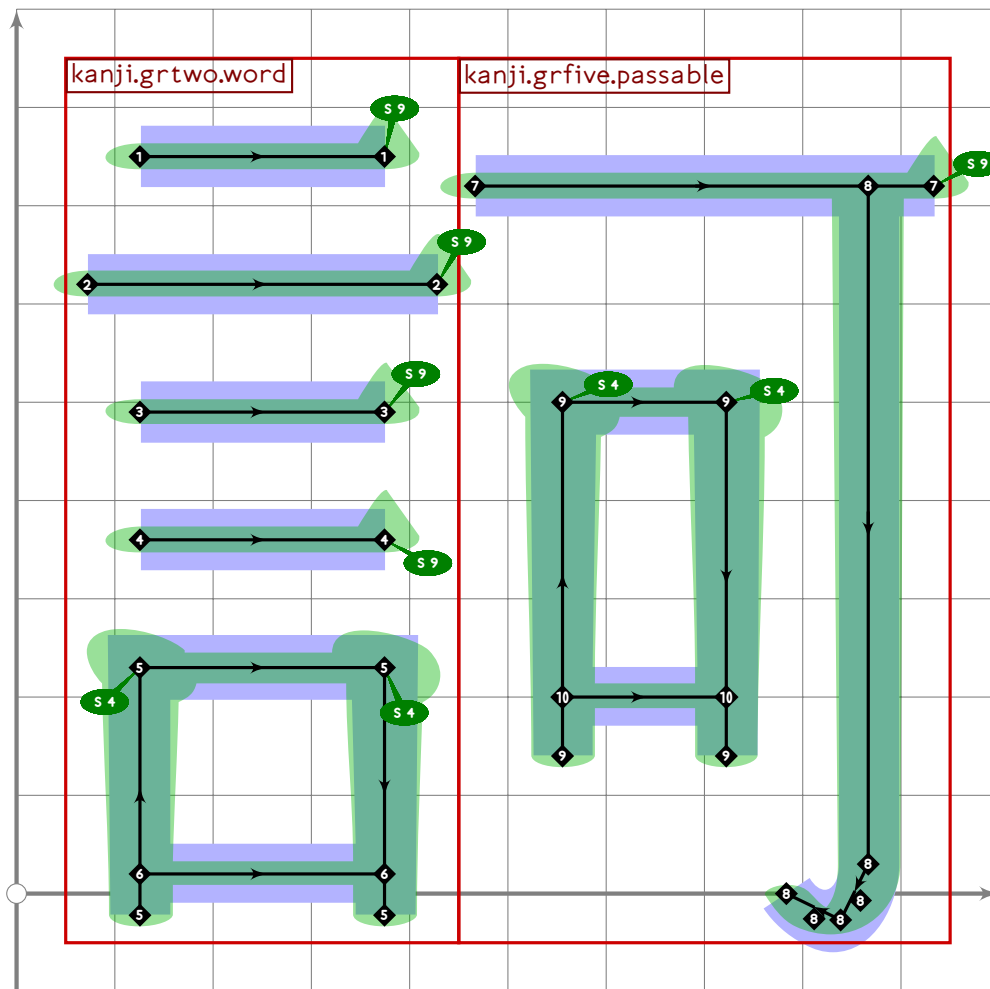
[see page 2508]



```

443 % extra
444 begintsuglyph("uni8A35";53);
445   build_kanji.level(build_kanji.lr(450,0)
446     (kanji.grtwo.word)
447     (kanji.grone.four));
448   tsu_render;
449 endtsuglyph;
450

```

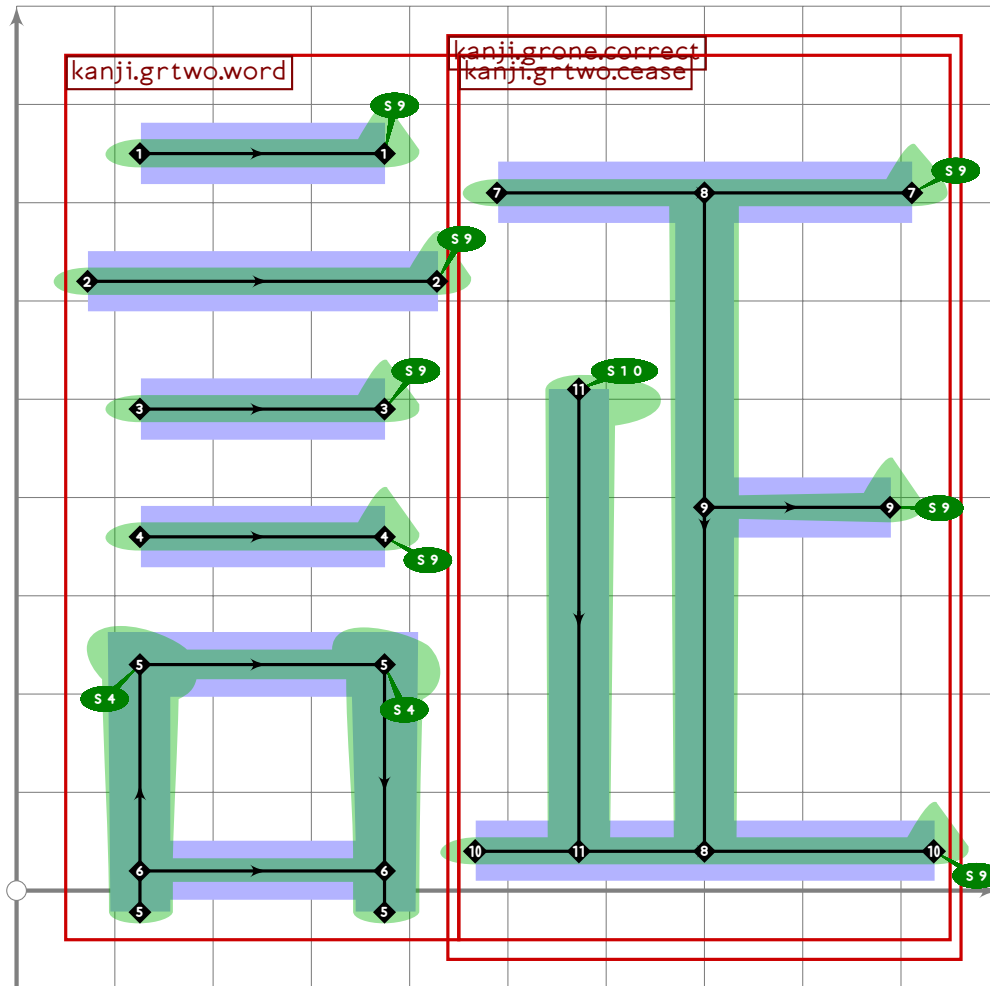


```

451 % extra
452 begintsuglyph("uni8A36";54);
453   build_kanji.level(build_kanji.lr(450,0)
454     (kanji.grtwo.word)
455     (kanji.grfive.passable));
456   tsu_render;
457 endtsuglyph;
458

```

8A

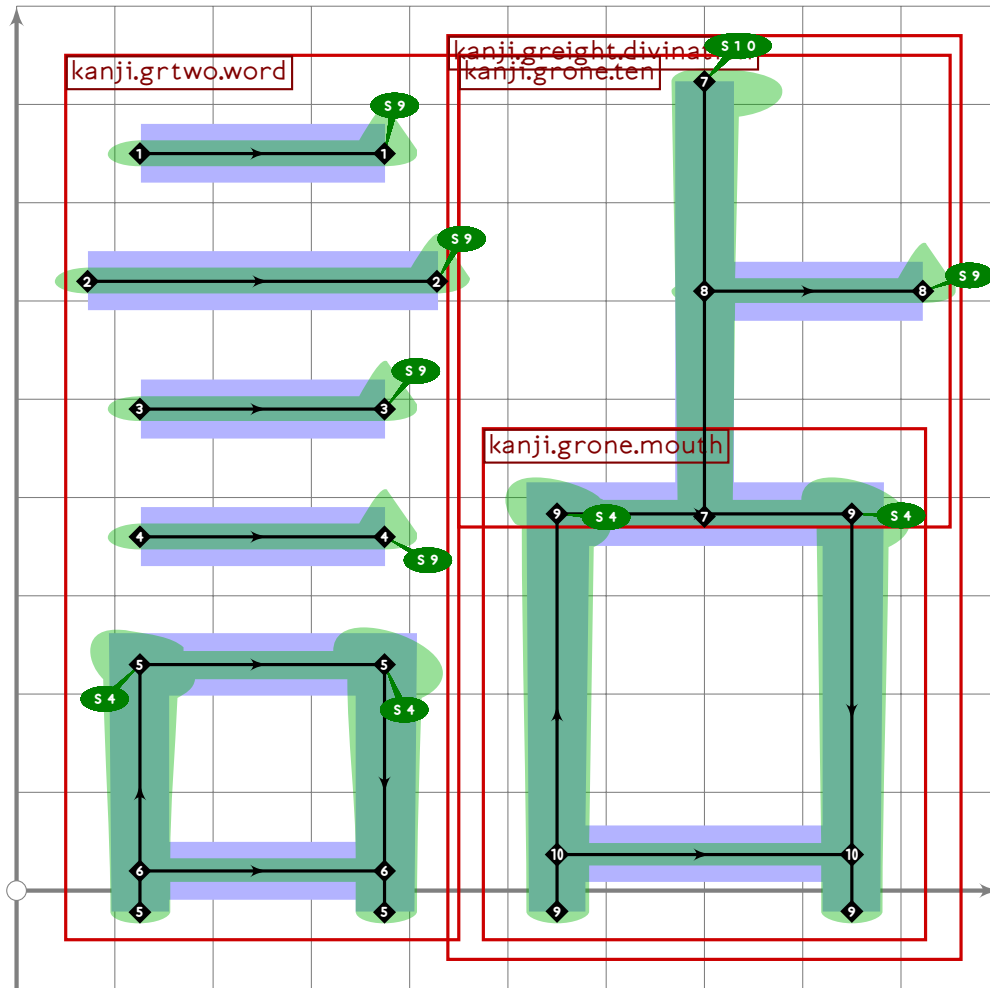


```

459 % extra
460 begintsuglyph("uni8A3C",60);
461   build_kanji.level(build_kanji.lr(450,0)
462     (kanji.grtwo.word)
463     (kanji.grone.correct));
464   tsu_render;
465 endtsuglyph;
466

```

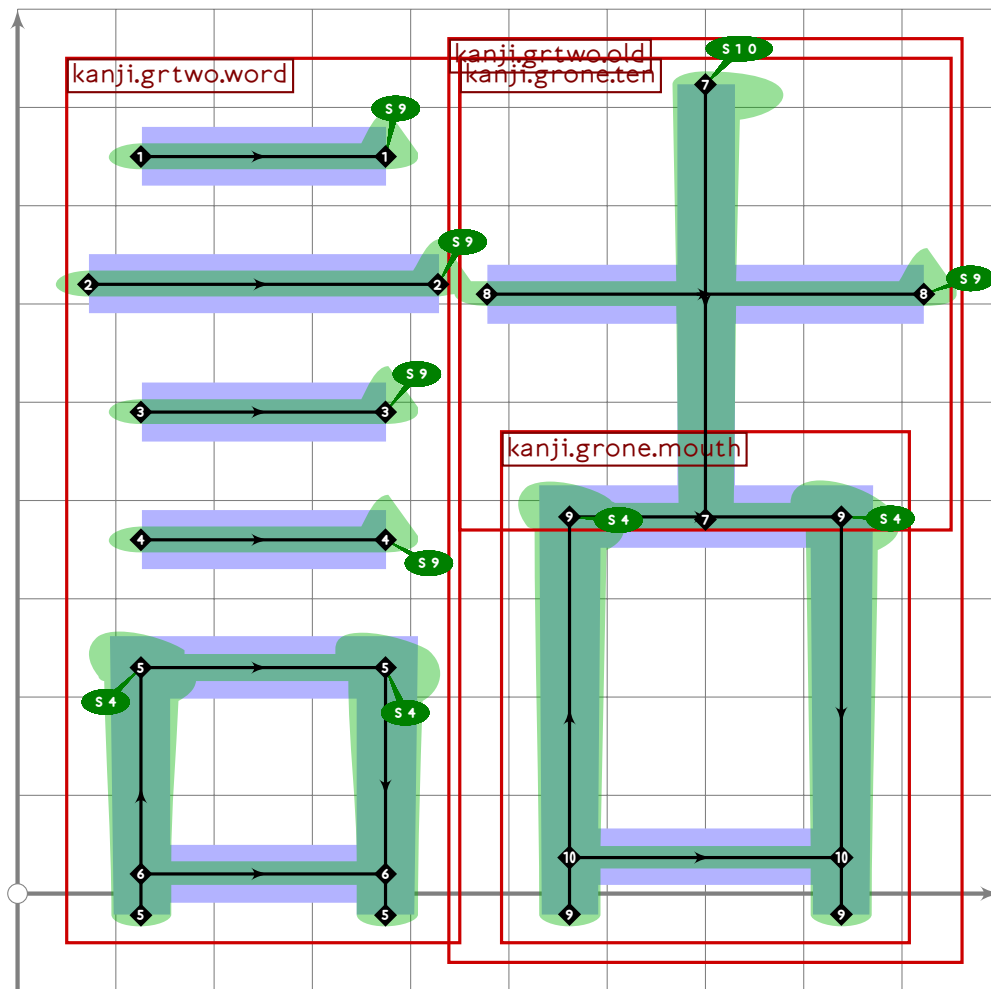




```

467 % extra
468 begintsuglyph("uni8A40";64);
469   build_kanji.level(build_kanji.lr(450,0)
470     (kanji.grtwo.word)
471     (kanji.greight.divination));
472   tsu_render;
473 endtsuglyph;
474

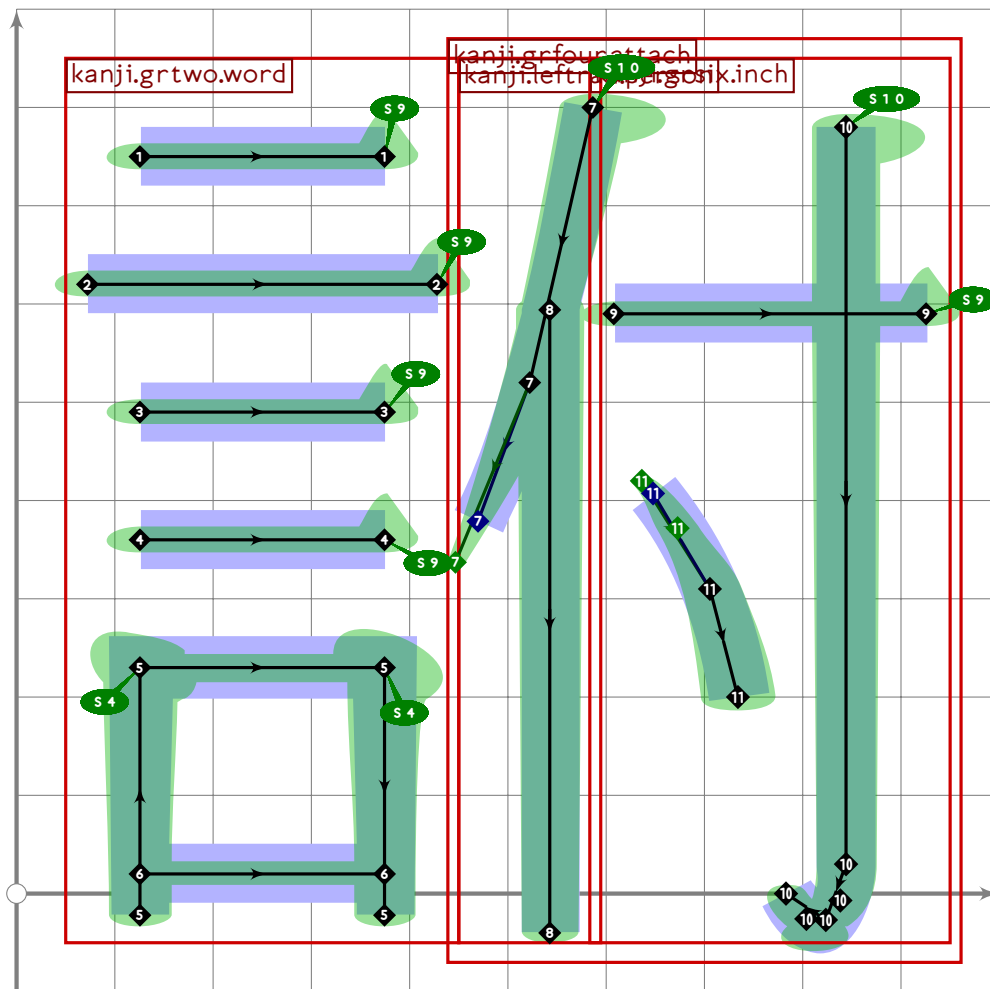
```



```

475 % extra
476 begintsuglyph("uni8A41",65);
477   build_kanji.level(build_kanji.lr(450,0)
478     (kanji.grtwo.word)
479     (kanji.grtwo.old));
480   tsu_render;
481   endtsuglyph;
482

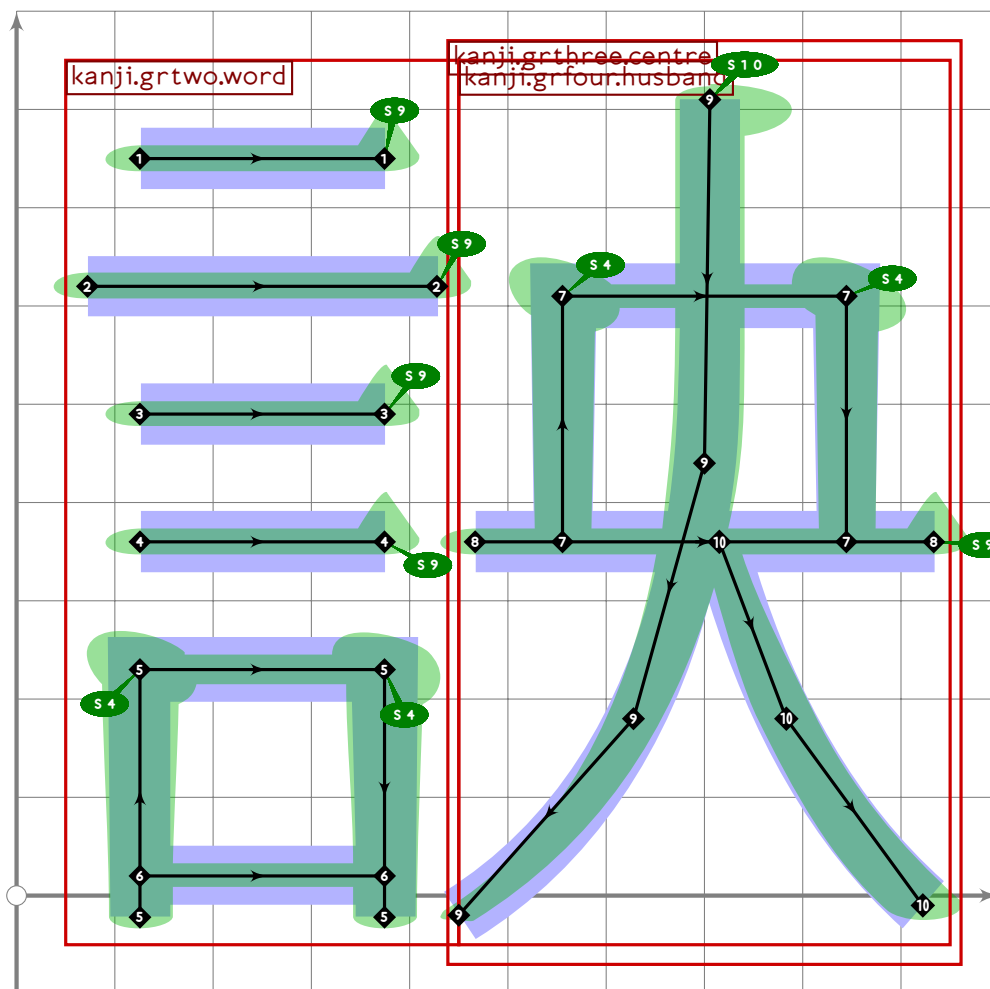
```



```

483 % extra
484 begintsuglyph("uni8A42";66);
485   build_kanji.level(build_kanji.lr(450,0)
486     (kanji.grtwo.word)
487     (kanji.grfour.attach));
488   tsu_render;
489 endtsuglyph;
490

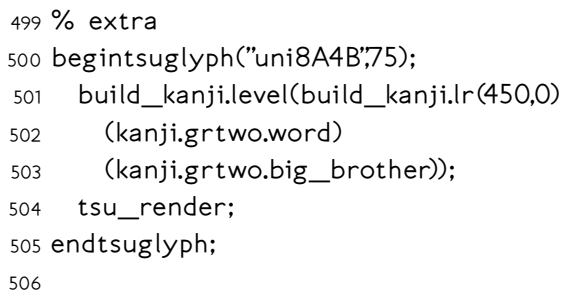
```



```

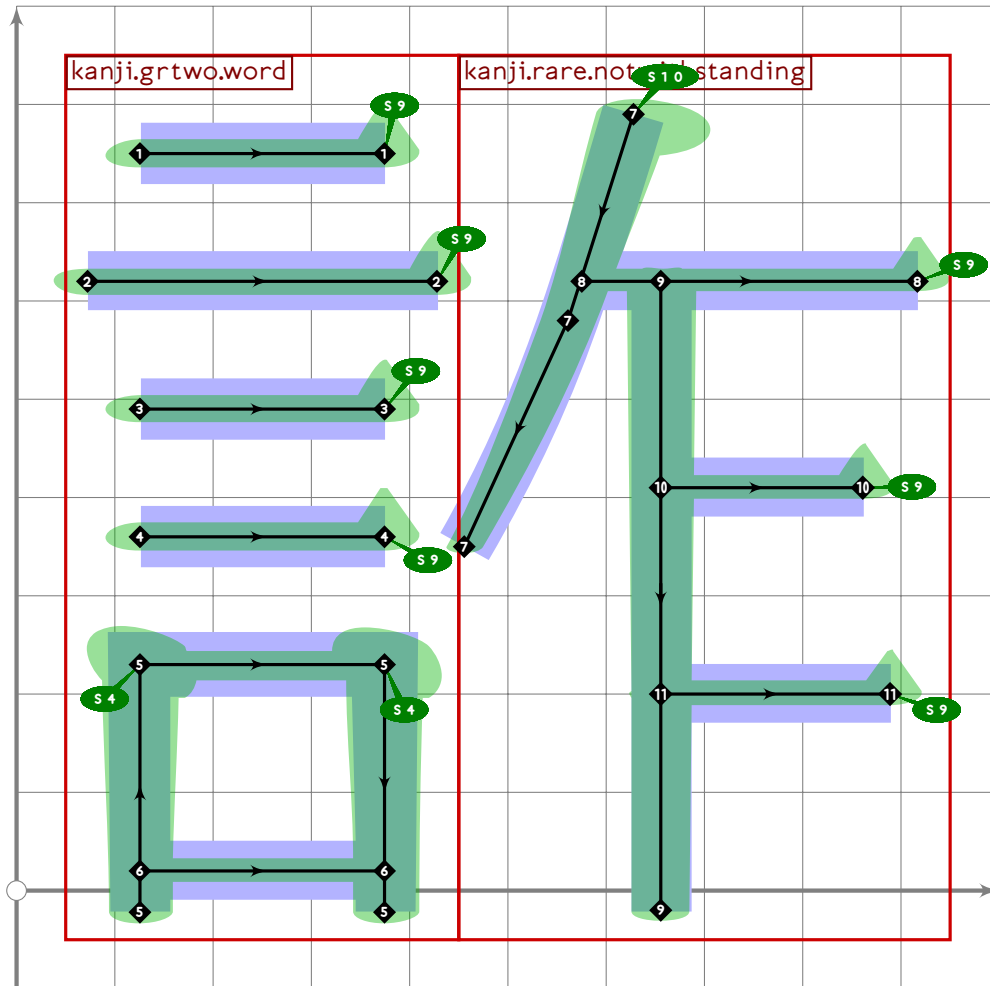
491 % extra
492 begintsuglyph("uni8A47";71);
493   build_kanji.level(build_kanji.lr(450,0)
494     (kanji.grtwo.word)
495     (kanji.grthree.centre));
496   tsu_render;
497 endtsuglyph;
498

```



U+8A50  
tsuku.uni8A50

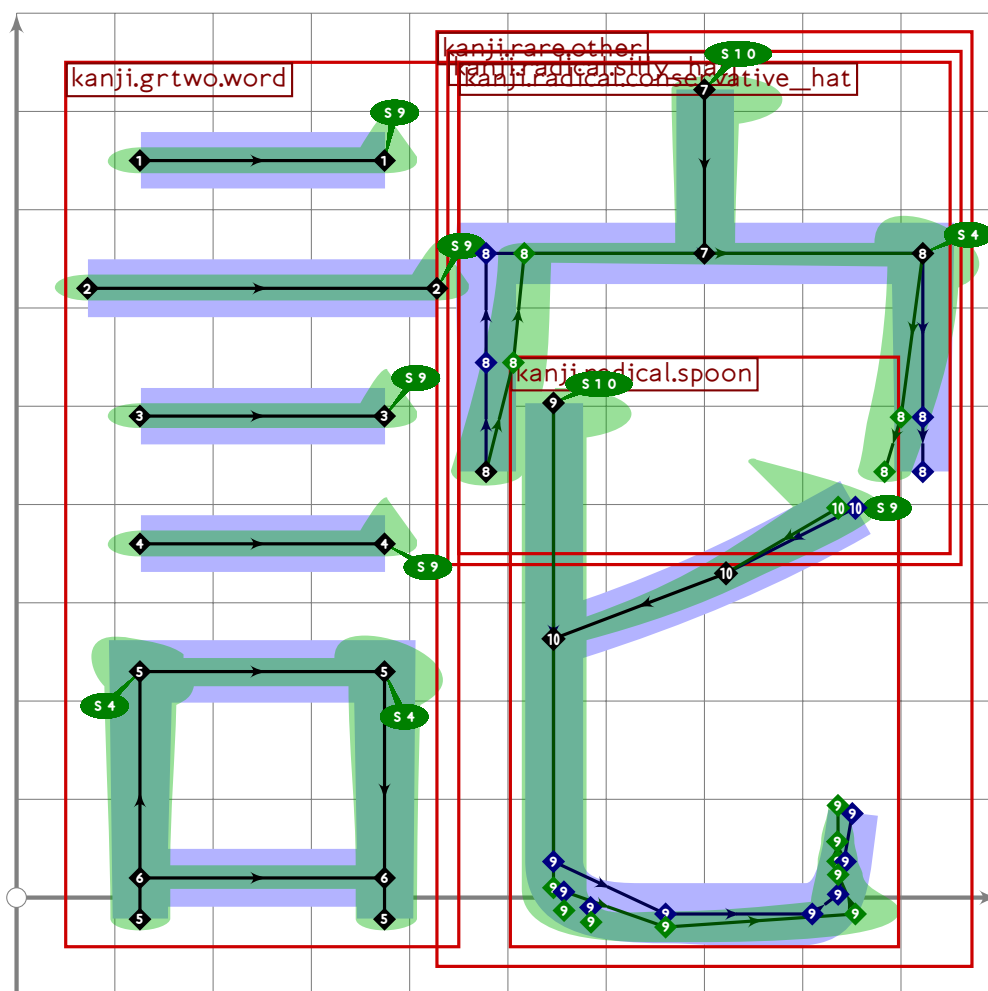
8A



```

507 % extra
508 begintsuglyph("uni8A50";80);
509   build_kanji.level(build_kanji.lr(450,0)
510     (kanji.grtwo.word)
511     (kanji.rare.notwithstanding));
512   tsu_render;
513 endtsuglyph;
514

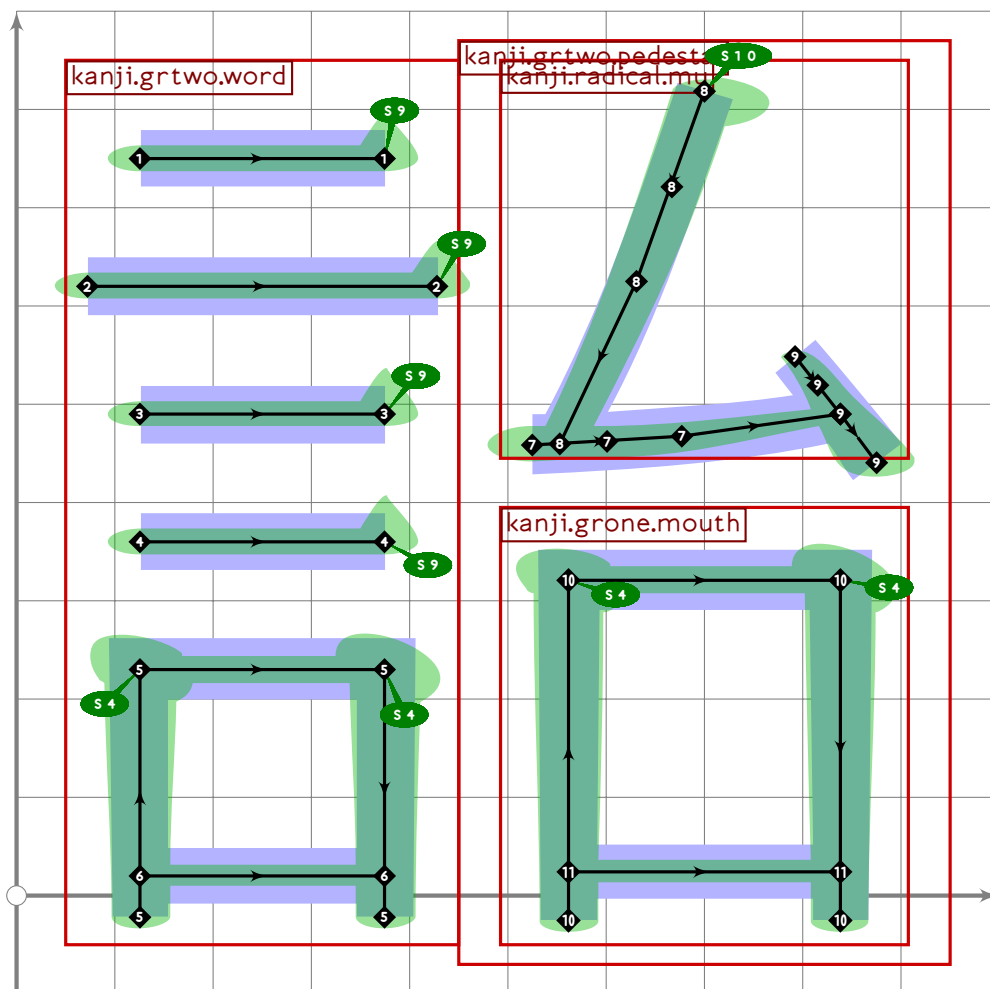
```



```

515 % extra
516 begintsuglyph("uni8A51";81);
517   build_kanji.level(build_kanji.lr(450,0)
518     (kanji.grtwo.word)
519     (kanji.rare.other));
520   tsu_render;
521 endtsuglyph;
522

```



```

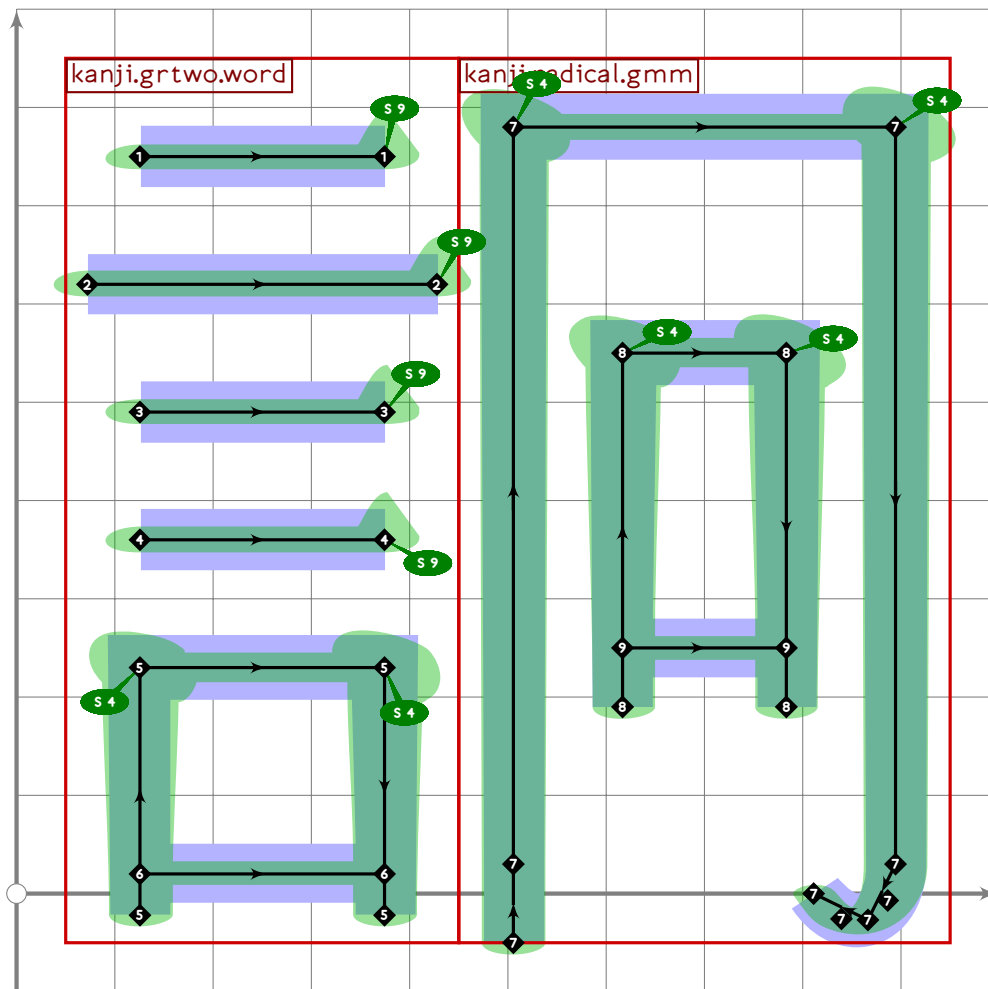
523 % extra
524 begintsuglyph("uni8A52";82);
525   build_kanji.level(build_kanji.lr(450,0)
526     (kanji.grtwo.word)
527     (kanji.grtwo.pedestal));
528   tsu_render;
529 endtsuglyph;
530
531 % shou/mikotonori "imperial edict"
532 begintsuglyph("uni8A54";84);
533   kanji.greight.edict;
534   tsu_render;
535 endtsuglyph;
536
537 % hyou "evaluate"
538 begintsuglyph("uni8A55";85);
539   kanji.grfive.evaluate;
540   tsu_render;
541 endtsuglyph;
542

```

[see page 2511]

[see page 2501]

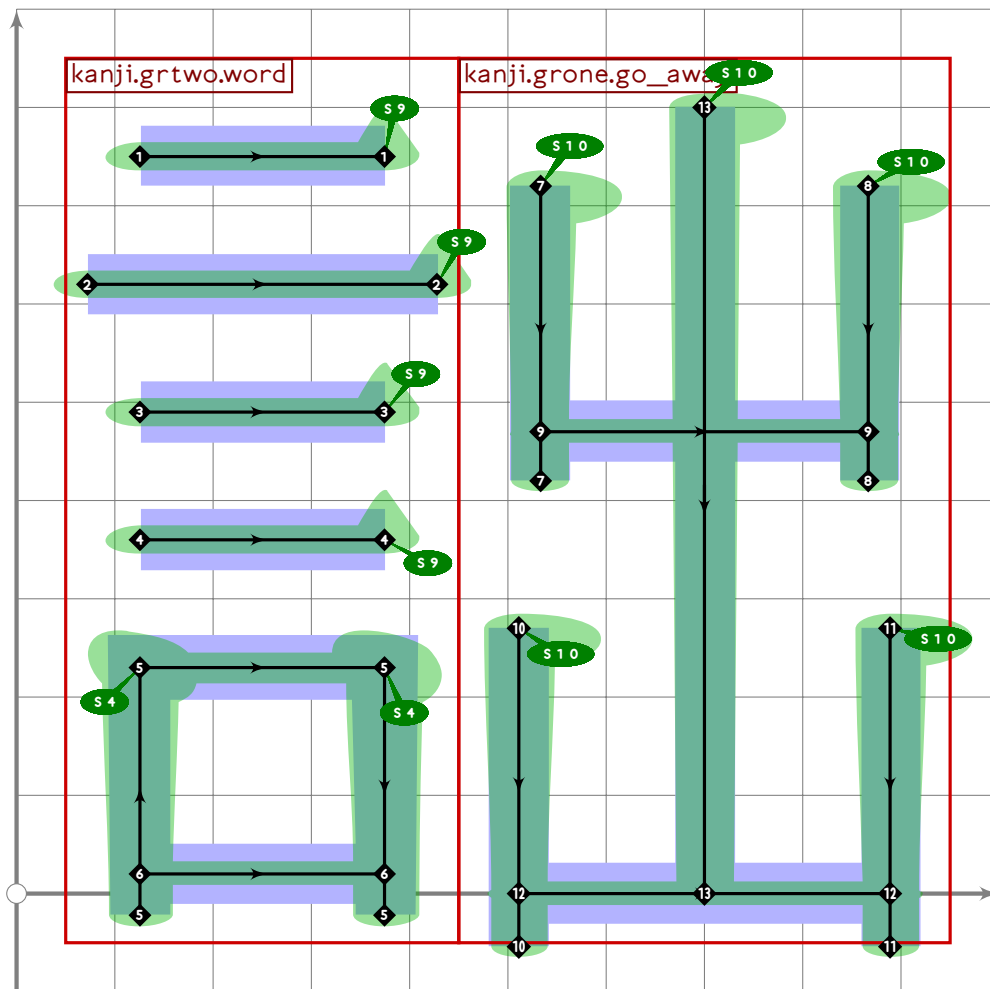




```

543 % extra
544 begintsuglyph("uni8A57";87);
545   build_kanji.level(build_kanji.lr(450,0)
546     (kanji.grtwo.word)
547     (kanji.radical.gmm;
548       build_kanji.box((350,550),(650,250));));
549   tsu_render;
550 endtsuglyph;
551

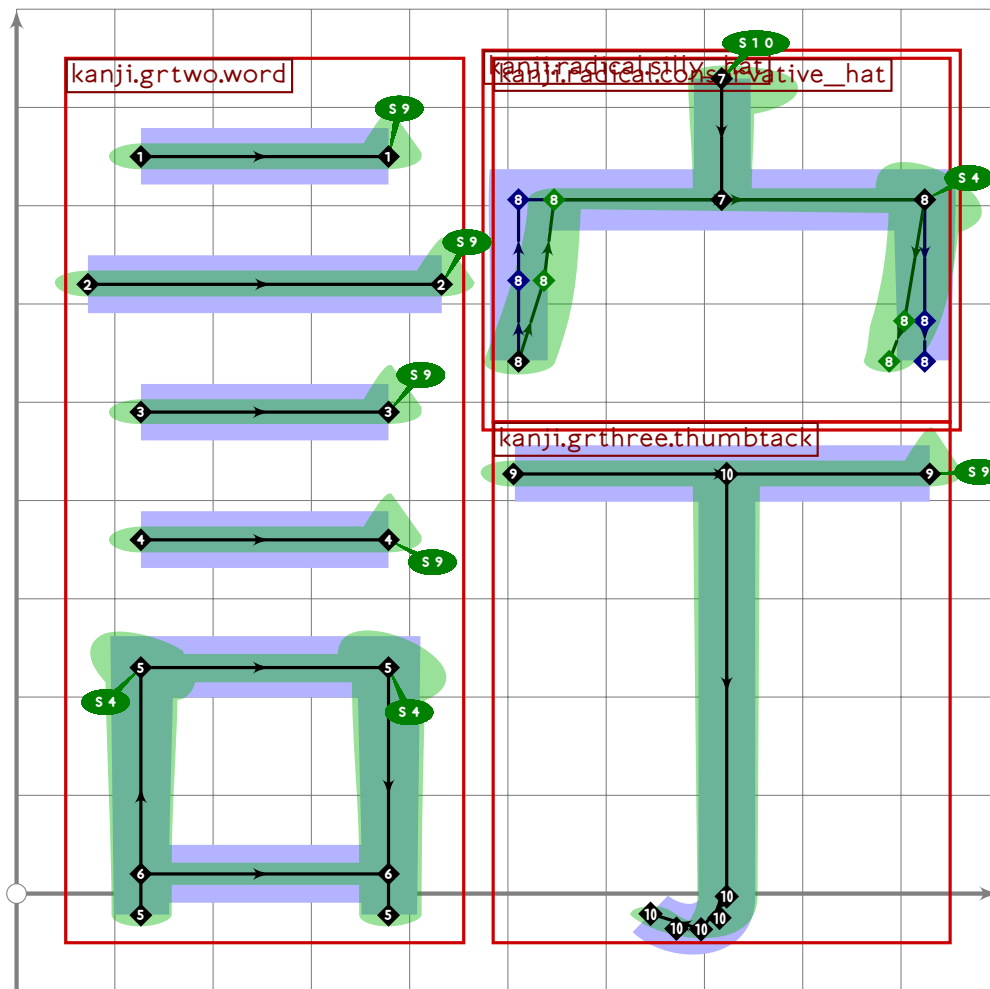
```



```

552 % extra
553 begintsuglyph("uni8A58";88);
554   build_kanji.level(build_kanji.lr(450,0)
555     (kanji.grtwo.word)
556     (kanji.grone.go_away));
557   tsu_render;
558 endtsuglyph;
559

```



```

560 % extra
561 begintsuglyph("uni8A5D";93);
562   build_kanji.level(build_kanji.lr(470,30)
563     (kanji.grtwo.word)
564     (build_kanji.tb(480,0)
565       (kanji.radical.silly_hat)
566       (kanji.grthree.thumbtack)));
567   tsu_render;
568 endtsuglyph;
569
570 % shi "part of speech"
571 begintsuglyph("uni8A5E";94);
572   kanji.grsix.part_of_speech;
573   tsu_render;
574 endtsuglyph;
575
576 % kei/mou "pilgrimage"
577 begintsuglyph("uni8A63";99);
578   kanji.greight.pilgrimage;
579   tsu_render;
580 endtsuglyph;

```

[see page 2507]

[see page 2512]

581  
 582 % shi/kokoro "test"  
 583 begintsuglyph("uni8A66";102); [see page 2500]  
 584 kanji.grfour.test;  
 585 tsu\_render;  
 586 endtsuglyph;  
 587  
 588 % shi/uta "poem"  
 589 begintsuglyph("uni8A69";105); [see page 2496]  
 590 kanji.grthree.poem;  
 591 tsu\_render;  
 592 endtsuglyph;  
 593  
 594 % wa/hana "talk"  
 595 begintsuglyph("uni8A71";113); [see page 2494]  
 596 kanji.grtwo.talk;  
 597 tsu\_render;  
 598 endtsuglyph;  
 599  
 600 % shi "magazine"  
 601 begintsuglyph("uni8A8C";140); [see page 2505]  
 602 kanji.grsix.magazine;  
 603 tsu\_render;  
 604 endtsuglyph;  
 605  
 606 % tan "nativity"  
 607 begintsuglyph("uni8A95";149); [see page 2506]  
 608 kanji.grsix.nativity;  
 609 tsu\_render;  
 610 endtsuglyph;  
 611  
 612 % go/kata "language"  
 613 begintsuglyph("uni8A9E";158); [see page 2491]  
 614 kanji.grtwo.language;  
 615 tsu\_render;  
 616 endtsuglyph;  
 617  
 618 % goku/yo "read"  
 619 begintsuglyph("uni8AAD";173); [see page 2493]  
 620 kanji.grtwo.read;  
 621 tsu\_render;  
 622 endtsuglyph;  
 623  
 624 % ka "lesson"  
 625 begintsuglyph("uni8AB2";178); [see page 2499]  
 626 kanji.grfour.lesson;  
 627 tsu\_render;  
 628 endtsuglyph;

```
629
630 % chou/shira "tune"
631 begintsuglyph("uni8ABF";191); [see page 2497]
632 kanji.grthree.tune;
633 tsu_render;
634 endtsuglyph;
635
636 % dan "discuss"
637 begintsuglyph("uni8AC7";199); [see page 2495]
638 kanji.grthree.discuss;
639 tsu_render;
640 endtsuglyph;
641
642 % sho/moro "various"
643 begintsuglyph("uni8AF8";248); [see page 2509]
644 kanji.grsix.various;
645 tsu_render;
646 endtsuglyph;
647
648 _____
649
650 endfont;
651
652 _____
```

# tsuku-8b.mp

8B

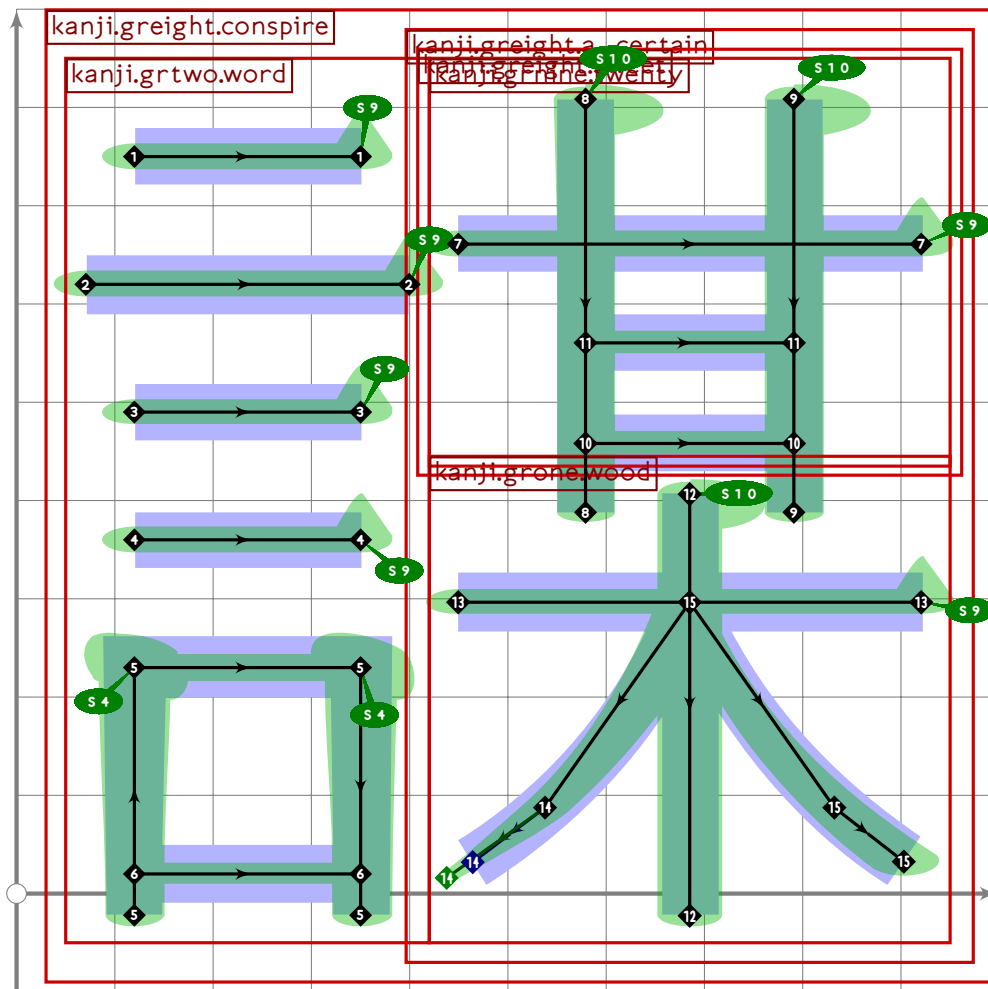
```
1 %
2 % Unicode page 8B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



```

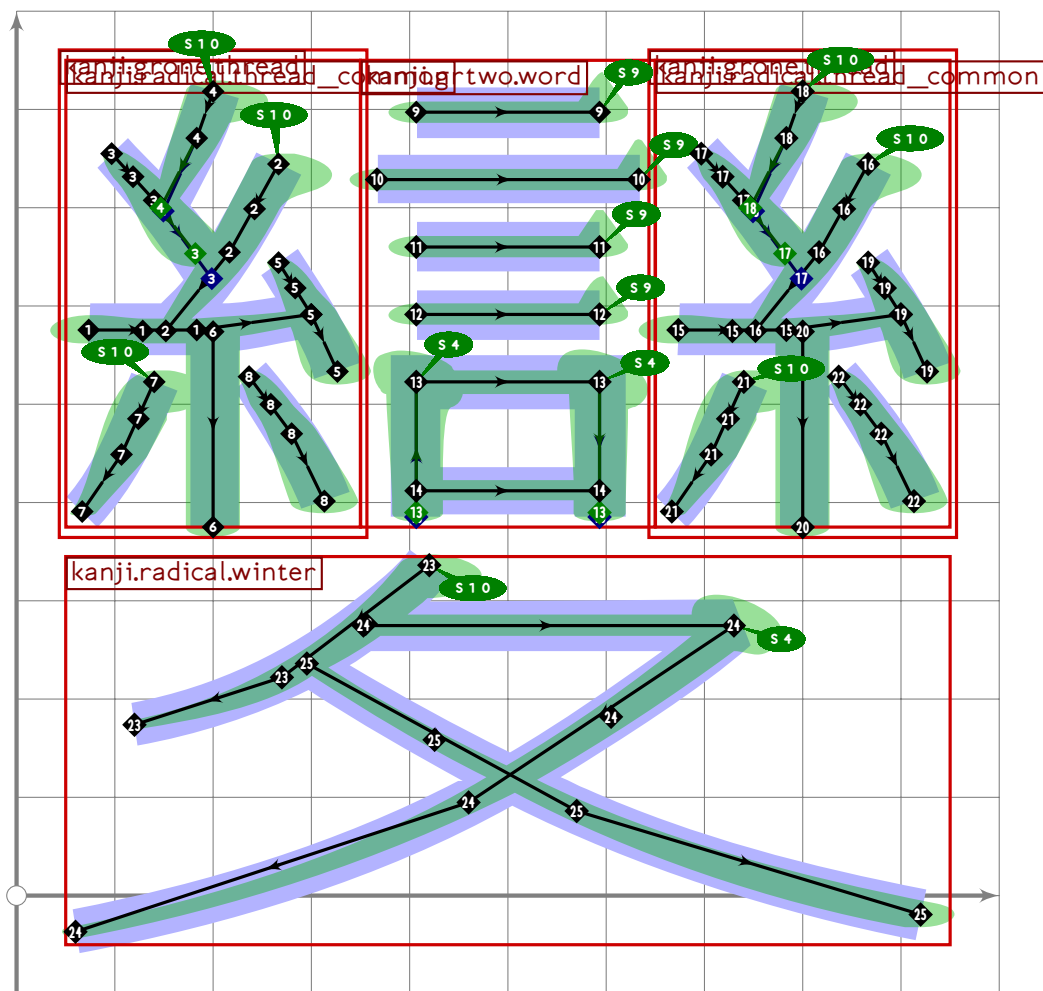
46
47 vardef kanji.greight.conspire =
48   push_pbox_toexpand("kanji.greight.conspire");
49   build_kanji.level(build_kanji.lr(420,0)
50     (kanji.grtwo.word)
51     (kanji.greight.a_certain));
52   expand_pbox;
53 enddef;
54
55
56
57 % bou/haka "conspire"
58 begintsuglyph("uni8B00",0);
59   kanji.greight.conspire;
60   tsu_render;
61 endtsuglyph;
62

```

[see page 2545]

U+8B8A  
tsuku.uni8B8A

8B



```

63 % extra: alternate "hen"
64 begintsuglyph("uni8B8A",138);
65   build_kanji.level(build_kanji.tb(360,-30)
66     (build_kanji.sscale(xscaled 0.333 shifted (-300,0))(kanji.grone.thread);
67     build_kanji.sscale(xscaled 0.333)(kanji.grtwo.word);
68     build_kanji.sscale(xscaled 0.333 shifted (300,0))(kanji.grone.thread))
69     (kanji.radical.winter));
70   tsu_render;
71 endtsuglyph;
72
73 _____
74
75 endfont;
76
77 _____

```



```
1 %  
2 % Unicode page 8C (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala  
4 %  
5-29 [Standard copyright notice]
```

```
30
```

```
31
```

---

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input buildkanji.mp;
```

```
37 input gradefive.mp;
```

```
38 input gradeone.mp;
```

```
39 input gradethree.mp;
```

```
40 input gradetwo.mp;
```

```
41 input leftrad.mp;
```

```
42 input radical.mp;
```

```
43 input rare.mp;
```

```
44 input rightrad.mp;
```

```
45 input toprad.mp;
```

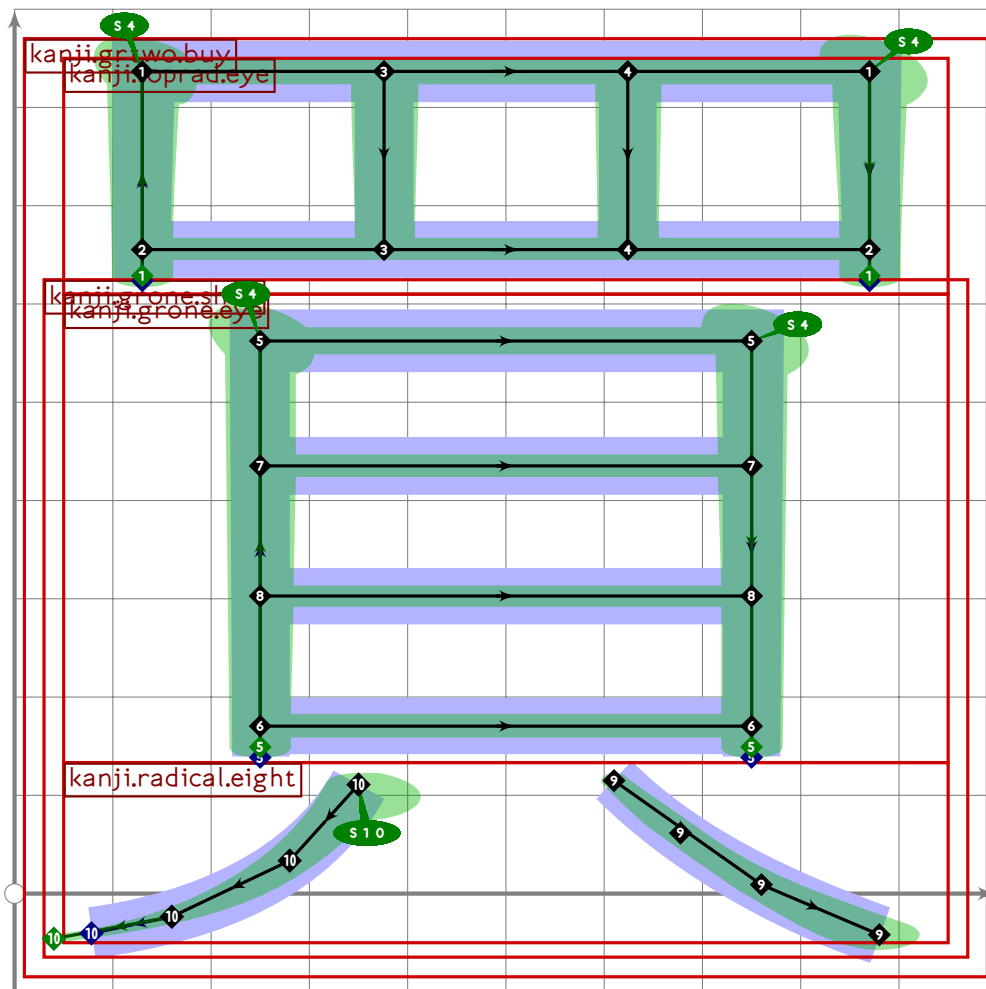
```
46
```

```
47 do_late_includes;
```

```
48
```

```
49
```

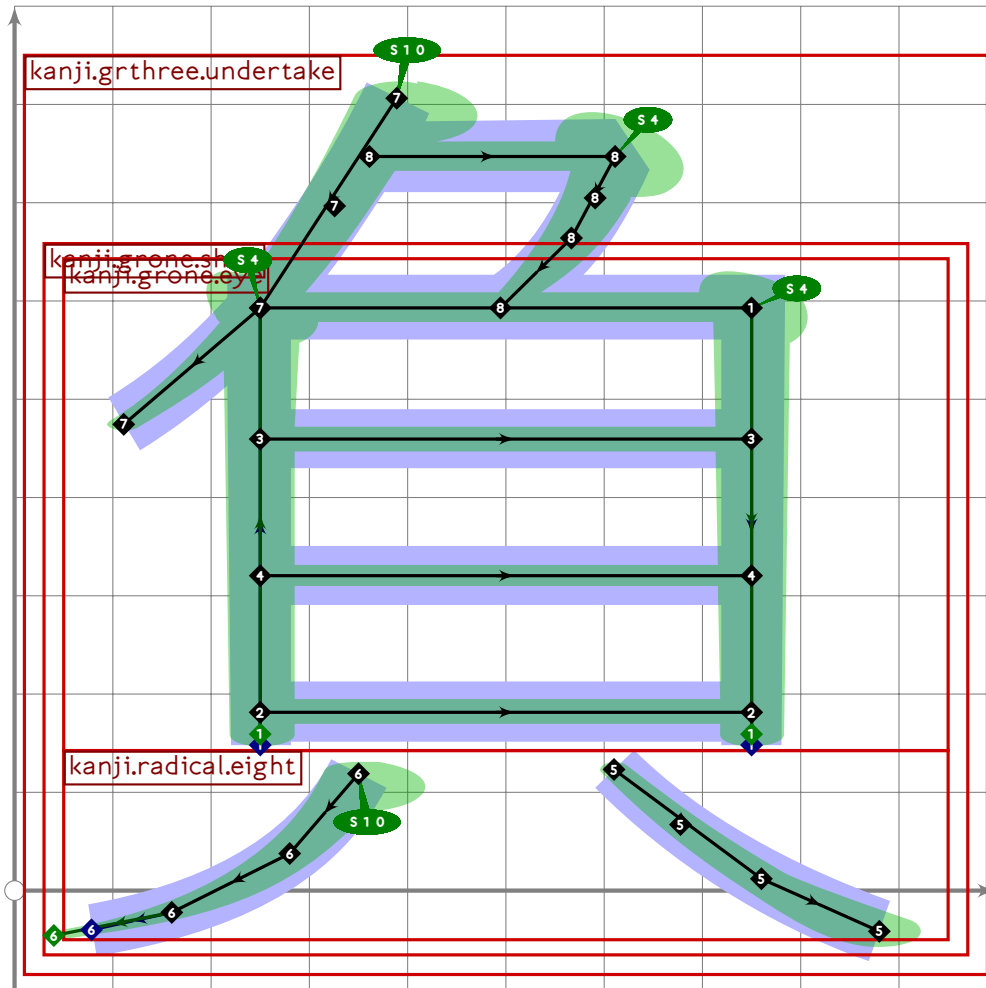
---



```

50
51 vardef kanji.grtwo.buy =
52   push_pbox_toexpand("kanji.grtwo.buy");
53   build_kanji.level(build_kanji.tb(610,0)
54     (kanji.toprad.eyel)
55     (kanji.grone.shell));
56   expand_pbox;
57 enddef;
58
59

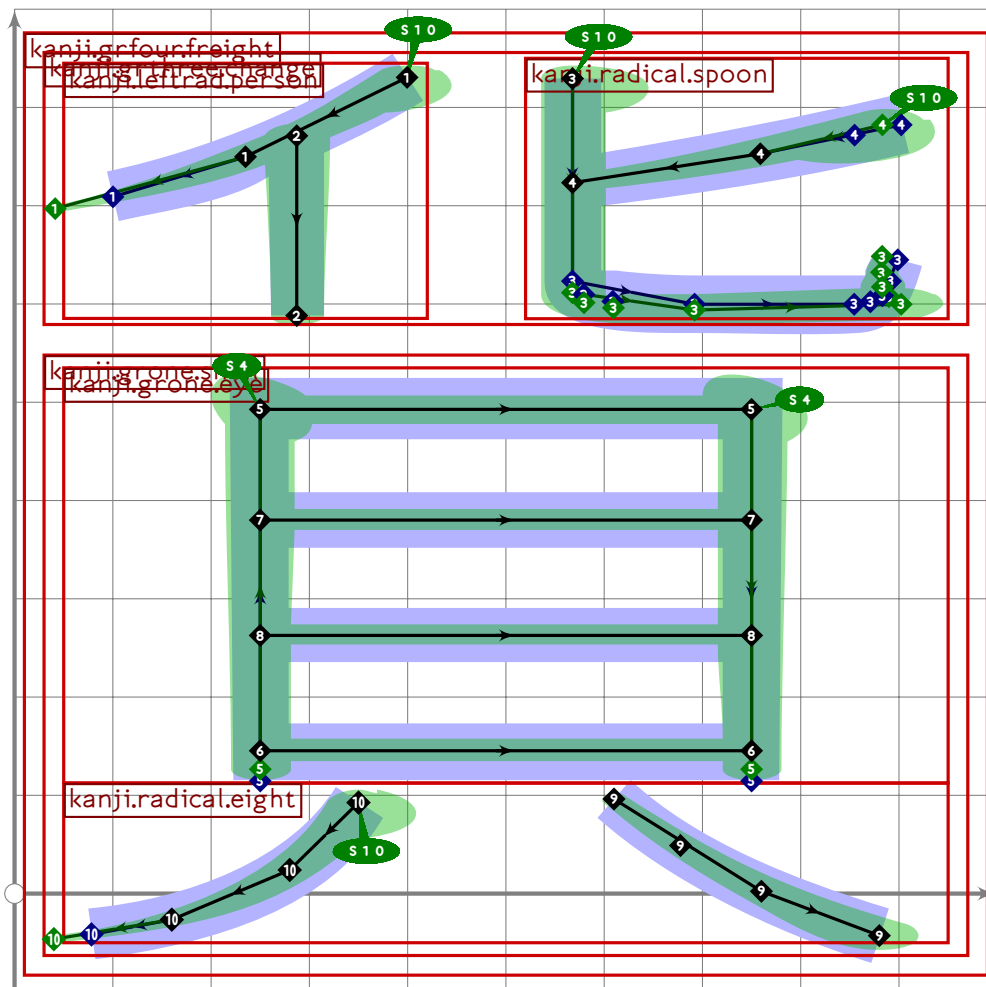
```



```

60
61 vardef kanji.grthree.undertake =
62   push_pbox_toexpand("kanji.grthree.undertake");
63   build_kanji.attach_fishhook(0.77)(kanji.grone.shell);
64   expand_pbox;
65 enddef;
66
67

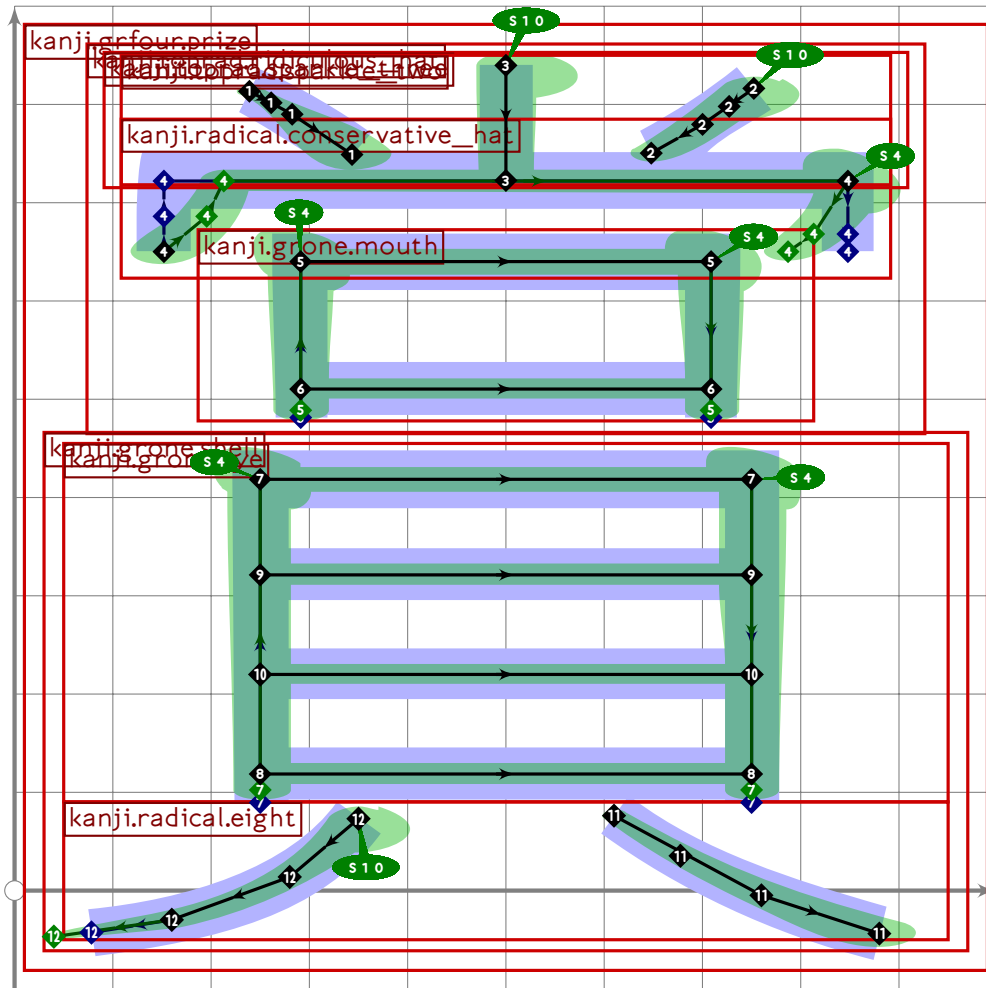
```



```

68
69 vardef kanji.grfour.freight =
70   push_pbox_toexpand("kanji.grfour.freight");
71   build_kanji.level(build_kanji.tb(560,-50)
72     (kanji.grthree.change)
73     (kanji.grone.shell));
74   expand_pbox;
75 enddef;

```



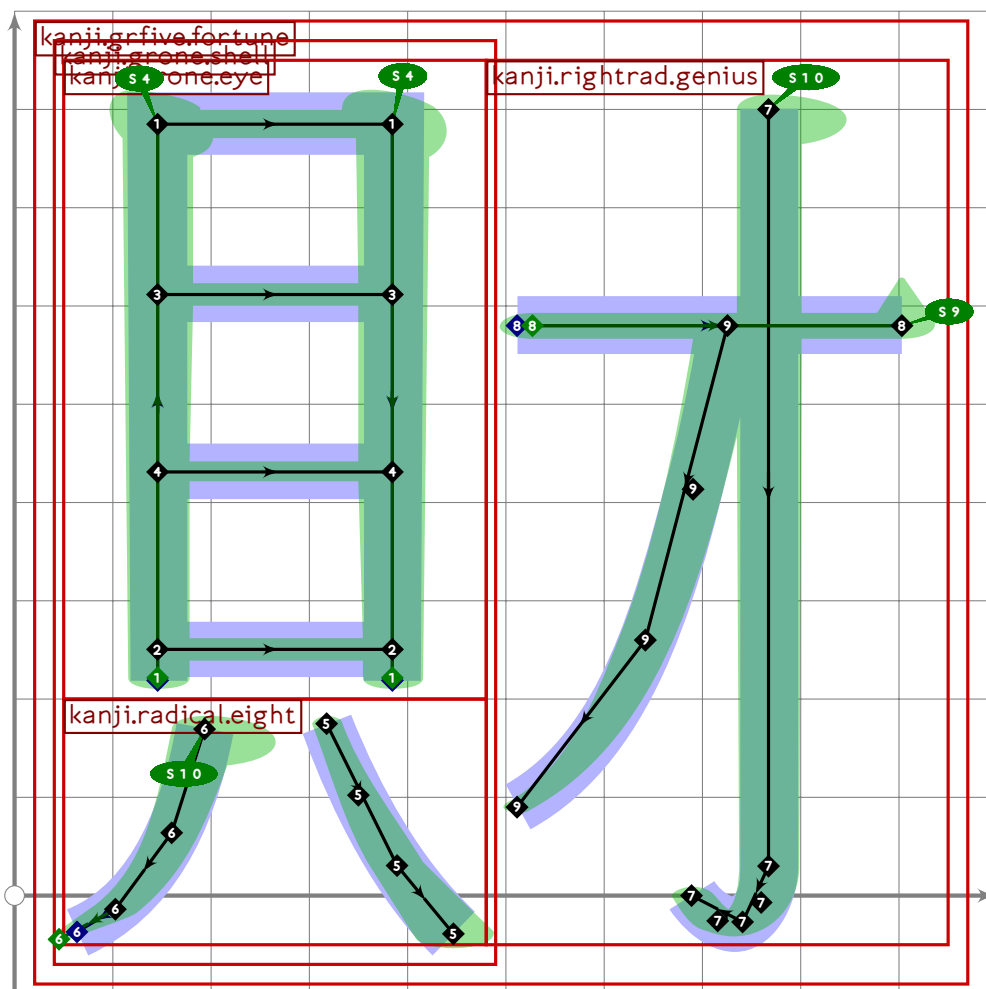
```

76
77 vardef kanji.grfour.prize =
78   push_pbox_toexpand("kanji.grfour.prize");
79   build_kanji.level(build_kanji.tb(460,-10)
80     (build_kanji.sscale(xscaled 0.87)(kanji.toprad.ridiculous_hat))
81     (kanji.grone.shell));
82   expand_pbox;
83 enddef;
84
85

```

U+8CA1  
tsuku.uni8CA1

8C



```

86
87 vardef kanji.grfive.fortune =
88   push_pbox_toexpand("kanji.grfive.fortune");
89   build_kanji.level(build_kanji.lr(480,0)
90     (kanji.grone.shell)
91     (kanji.rightrad.genius));
92   expand_pbox;
93 enddef;
94
95
96
97 % koku/tani "valley"
98 beginsuglyph("uni8C37";55);
99   kanji.grtwo.valley;
100   tsu_render;
101 endtsuglyph;
102
103 % tou/mame "bean"
104 beginsuglyph("uni8C46";70);
105   kanji.grthree.bean;
106   tsu_render;

```

[see page 542]

[see page 552]

107 endtsuglyph;  
 108  
 109 % inoko "pig" radical  
 110 begintsuglyph("uni8C55";85); [see page 676]  
 111 kanji.radical.pig;  
 112 tsu\_render;  
 113 endtsuglyph;  
 114  
 115 % bai/kai "shellfish"  
 116 begintsuglyph("uni8C9D";157); [see page 462]  
 117 kanji.grone.shell;  
 118 tsu\_render;  
 119 endtsuglyph;  
 120  
 121 % fu/ma "undertake"  
 122 begintsuglyph("uni8CA0";160); [see page 2549]  
 123 kanji.grthree.undertake;  
 124 tsu\_render;  
 125 endtsuglyph;  
 126  
 127 % zai/takara "fortune"  
 128 begintsuglyph("uni8CA1";161); [see page 2552]  
 129 kanji.grfive.fortune;  
 130 tsu\_render;  
 131 endtsuglyph;  
 132  
 133 % ka/takara "freight"  
 134 begintsuglyph("uni8CA8";168); [see page 2550]  
 135 kanji.grfour.freight;  
 136 tsu\_render;  
 137 endtsuglyph;  
 138  
 139 % seki/se "blame"  
 140 begintsuglyph("uni8CAC";172); [see page 619]  
 141 kanji.grfive.blame;  
 142 tsu\_render;  
 143 endtsuglyph;  
 144  
 145 % gai/ka "buy"  
 146 begintsuglyph("uni8CB7";183); [see page 2548]  
 147 kanji.grtwo.buy;  
 148 tsu\_render;  
 149 endtsuglyph;  
 150  
 151 % fun "decorate" (needed for greight.indignation)  
 152 begintsuglyph("uni8CC1";193); [see page 768]  
 153 kanji.rare.decorate;  
 154 tsu\_render;

```
155 endtsuglyph;  
156  
157 % shuu/ho "prize"  
158 begintsuglyph("uni8CDE";222);  
159   kanji.grfour.prize;  
160   tsu_render;  
161 endtsuglyph;  
162  
163 _____  
164  
165 endfont;  
166  
167 _____
```

[see page 2551]



```
1 %
2 % Unicode page 8D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

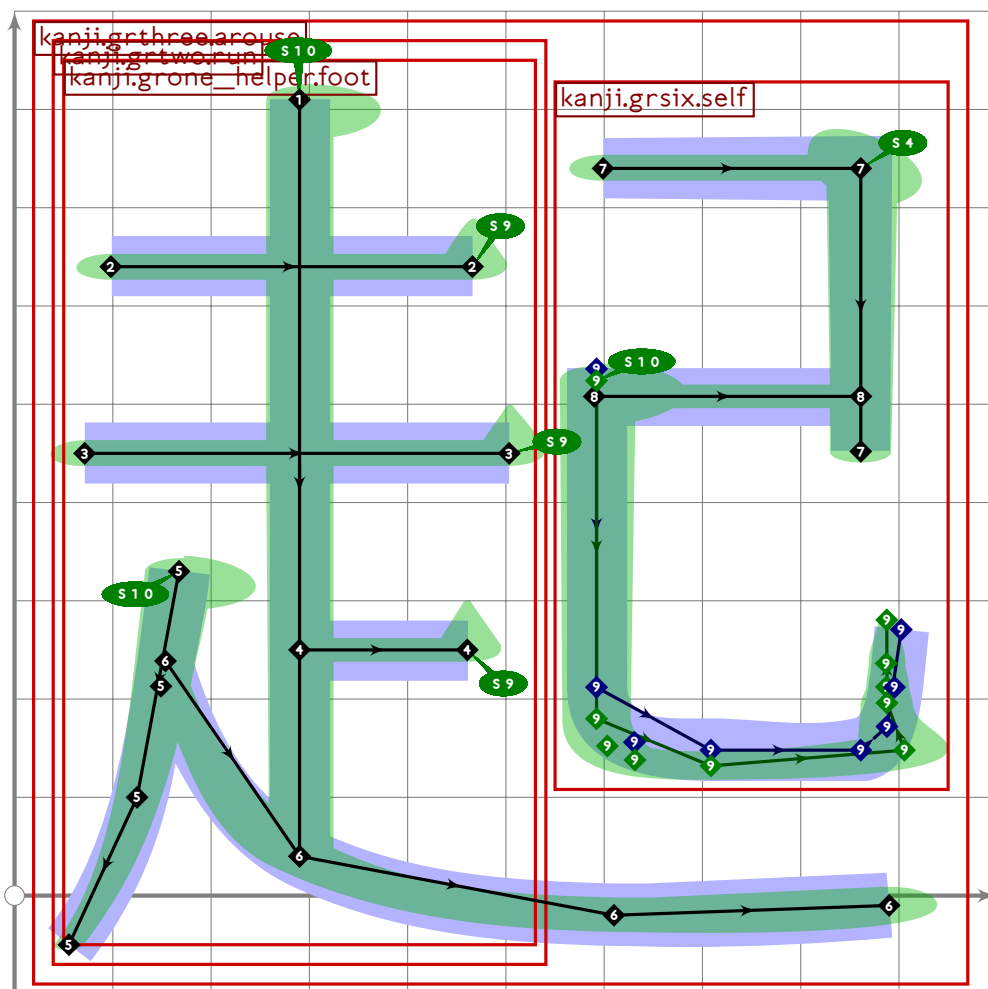
---


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

---


```

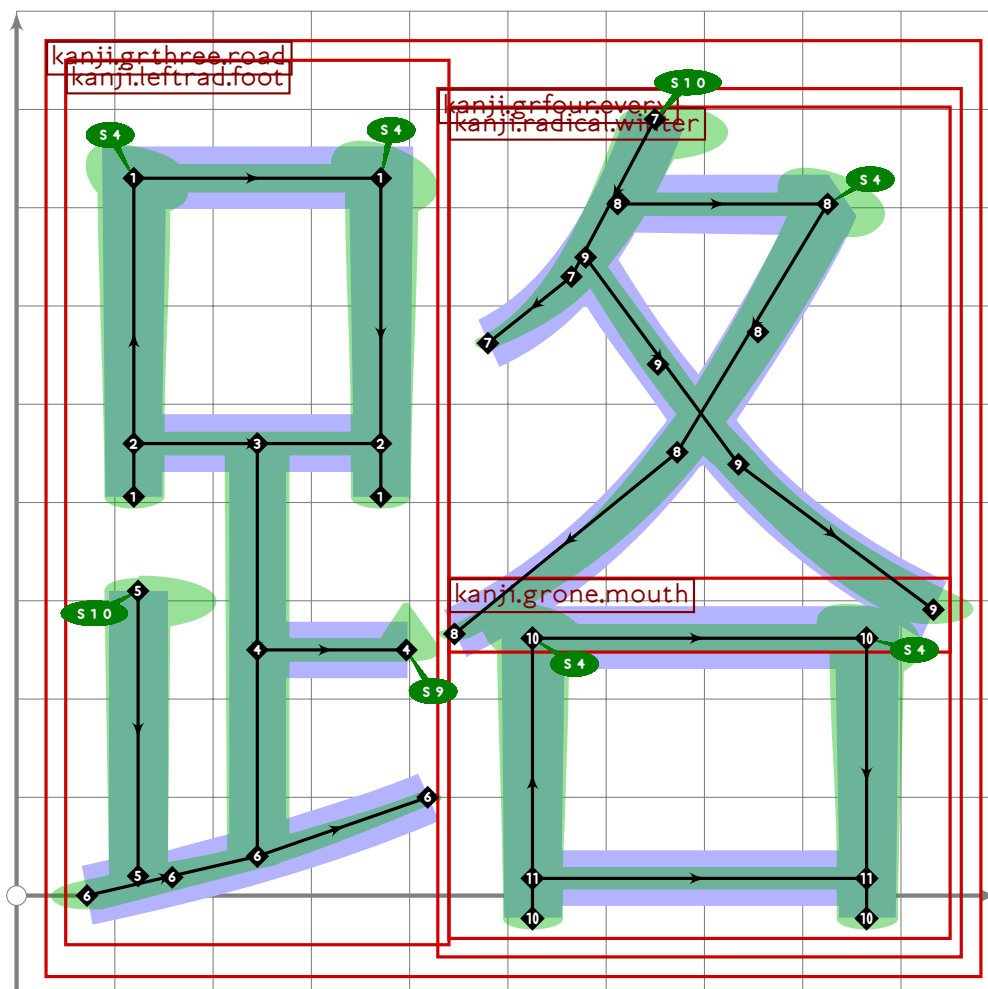
8D



```

47
48 vardef kanji.grthree.arouse =
49   push_pbox__toexpand("kanji.grthree.arouse");
50   build_kanji.level(build_kanji.lr(540,-20)
51     (kanji.grtwo.run)
52     (build_kanji.sscale(yscaled 0.8 shifted (0,70))(kanji.grsix.self)));
53   replace_strokeq(-3)((subpath (0,1) of oldp)..(610,-20)..(890,-10));
54   replace_strokeq(-3)(insert_nodes(oldq)(1,5));
55   expand_pbox;
56 enddef;

```



8D

```

57
58 vardef kanji.grthree.road =
59   push_pbox_toexpand("kanji.grthree.road");
60   build_kanji.level(build_kanji.lr(440,0)
61     (kanji.leftrad.foot)
62     (build_kanji.sscale(yscaled 0.94 shifted (0,-20))(kanji.grfour.every)));
63   expand_pbox;
64 enddef;

```

65

66

67

```

68 % aka/seki "red"
69 beginsuglyph("uni8D64",100);
70 kanji.grone.red;
71 tsu_render;
72 endtsuglyph;

```

[see page 456]

73

```

74 % sou/hasi "run"
75 beginsuglyph("uni8D70",112);
76 kanji.grtwo.run;
77 tsu_render;

```

[see page 535]

```
78 endtsuglyph;
79
80 % ki/o "arouse"
81 begintsuglyph("uni8D77",119); [see page 2556]
82   kanji.grthree.arouse;
83   tsu_render;
84 endtsuglyph;
85
86 % ashi/soku "foot"
87 begintsuglyph("uni8DB3",179); [see page 432]
88   kanji.grone.foot;
89   tsu_render;
90 endtsuglyph;
91
92 % ro/michi "road"
93 begintsuglyph("uni8DEF",239); [see page 2557]
94   kanji.grthree.road;
95   tsu_render;
96 endtsuglyph;
97
98 

---


99
100 endfont;
101
102 

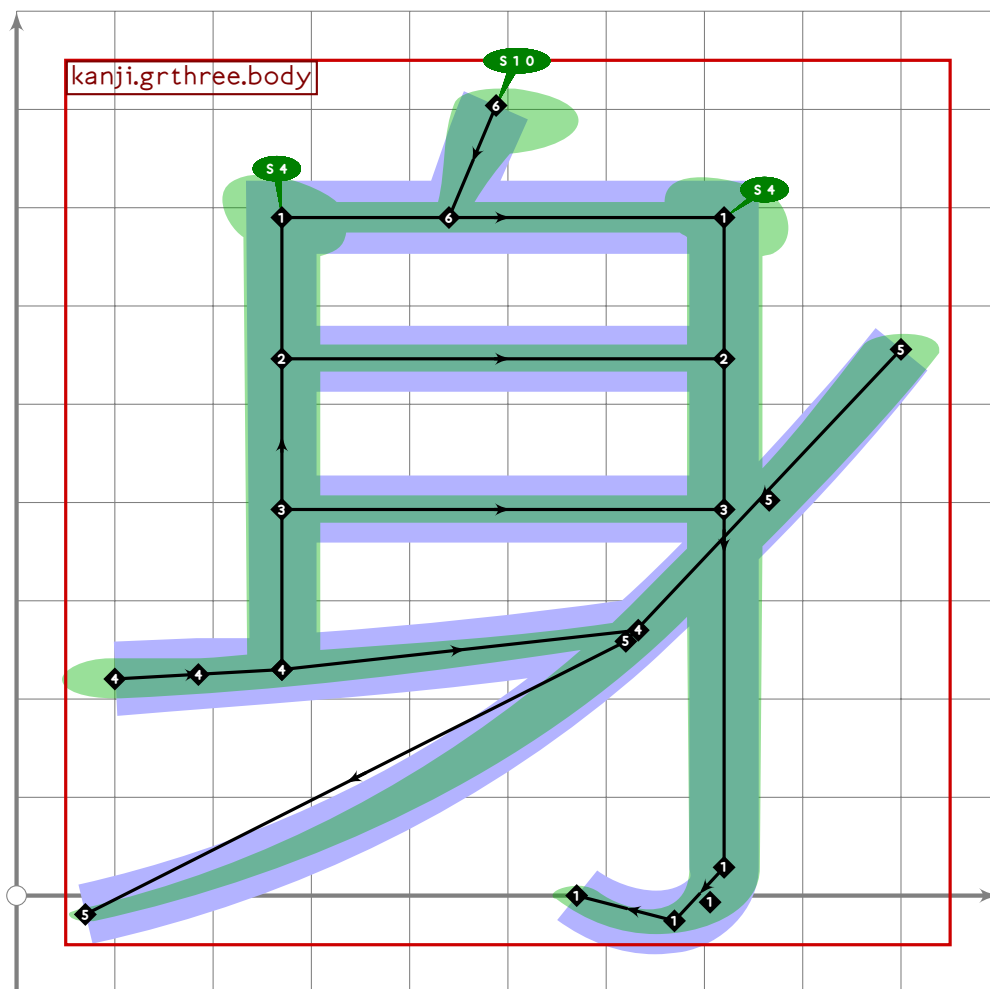
---


```

# tsuku-8e.mp

8E

```
1 %
2 % Unicode page 8E (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 gradeeight.mp;
38 input gradefour.mp;
39 input gradenine.mp;
40 input gradeone.mp;
41 input radical.mp;
42 input rare.mp;
43
44 do_late_includes;
45
46
```



```

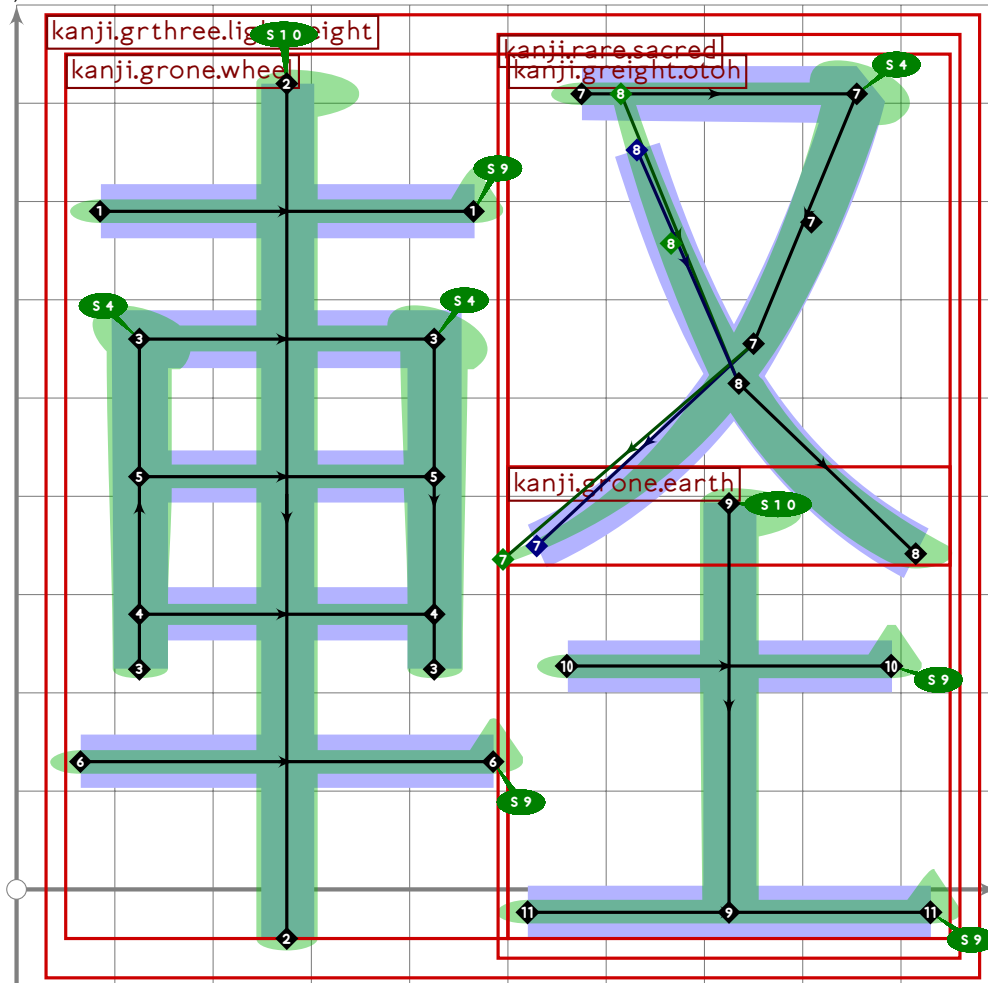
47
48 vardef kanji.grthree.body =
49   push_pbox_toexpand("kanji.grthree.body");
50   build_kanji.attach_tick(690)(
51     push_stroke((270,240)–(270,720)–(720,720),
52       (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
53     build_kanji.add_jtail(0);
54     set_boserif(0,1,4);
55     set_boserif(0,2,4);
56     set_botip(0,1,1);
57     set_botip(0,2,1);
58     push_stroke((270,570)–(720,570),
59       (1.5,1.5)–(1.5,1.5));
60     push_stroke((270,410)–(720,410),
61       (1.5,1.5)–(1.5,1.5));
62     push_stroke((100,230)..tension 1.3..(270,240)..(920,340),
63       (2,2)–(1.7,1.7)–(1,1));
64     push_stroke((900,580)..tension 1.2..(620,270)..(70,-20),
65       (1.6,1.6)–(1.4,1.4)–(1,1));
66     begingroup
67     save tval;

```

```

68     numeric tval;
69     tval=xpart (get_strokep(-1) intersectiontimes get_strokep(0));
70     replace_strokep(-1)(subpath (0,tval) of oldp);
71     replace_strokeq(-1)(subpath (0,tval) of oldq);
72     endgroup;
73 );
74 replace_strokep(0)(oldp shifted (-point 2 of oldp)
75   xyscaled (0.8,0.6) shifted (point 2 of oldp));
76 expand_pbox;
77 enddef;

```



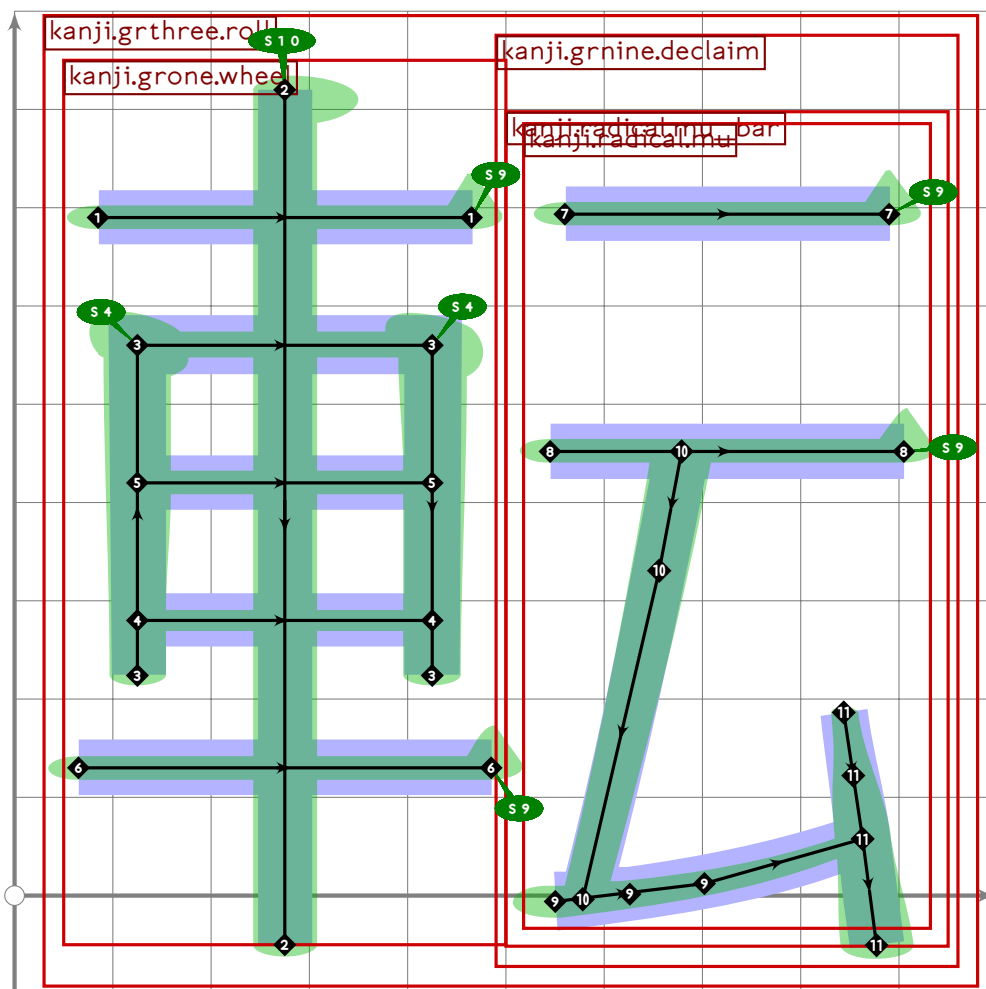
```

78
79 vardef kanji.grthree.lightweight =
80   push_pbox_toexpand("kanji.grthree.lightweight");
81   build_kanji.level(build_kanji.lr(500,00)
82     (kanji.grone.wheel)
83     (kanji.rare.sacred));
84   expand_pbox;
85 enddef;

```

U+8EE2  
tsuku.uni8EE2

8E



```

86
87 vardef kanji.grthree.roll =
88   push_pbox_toexpand("kanji.grthree.roll");
89   build_kanji.level(build_kanji.lr(500,00)
90     (kanji.grone.wheel)
91     (tsu_xform(identity yscaled 1.03)(kanji.grnine.declaim)));
92   expand_pbox;
93 enddef;
94
95
96
97 % shin/mi "body"
98 begintsuglyph("uni8EAB";171);
99   kanji.grthree.body;
100   tsu_render;
101 endtsuglyph;
102
103 % kuruma "car/wheel"
104 begintsuglyph("uni8ECA";202);
105   kanji.grone.wheel;
106   tsu_render;

```

[see page 2560]

[see page 474]



```

107 endtsuglyph;
108
109 % gun/ikusa "army"
110 begintsuglyph("uni8ECD";205); [see page 592]
111   kanji.grfour.army;
112   tsu_render;
113 endtsuglyph;
114
115 % ten/koro "roll"
116 begintsuglyph("uni8EE2";226); [see page 2562]
117   kanji.grthree.roll;
118   tsu_render;
119 endtsuglyph;
120
121 % kei/karu "lightweight"
122 begintsuglyph("uni8EFD";253); [see page 2561]
123   kanji.grthree.lightweight;
124   tsu_render;
125 endtsuglyph;
126
127 _____
128
129 endfont;
130
131 _____

```

# tsuku-8f.mp

8F

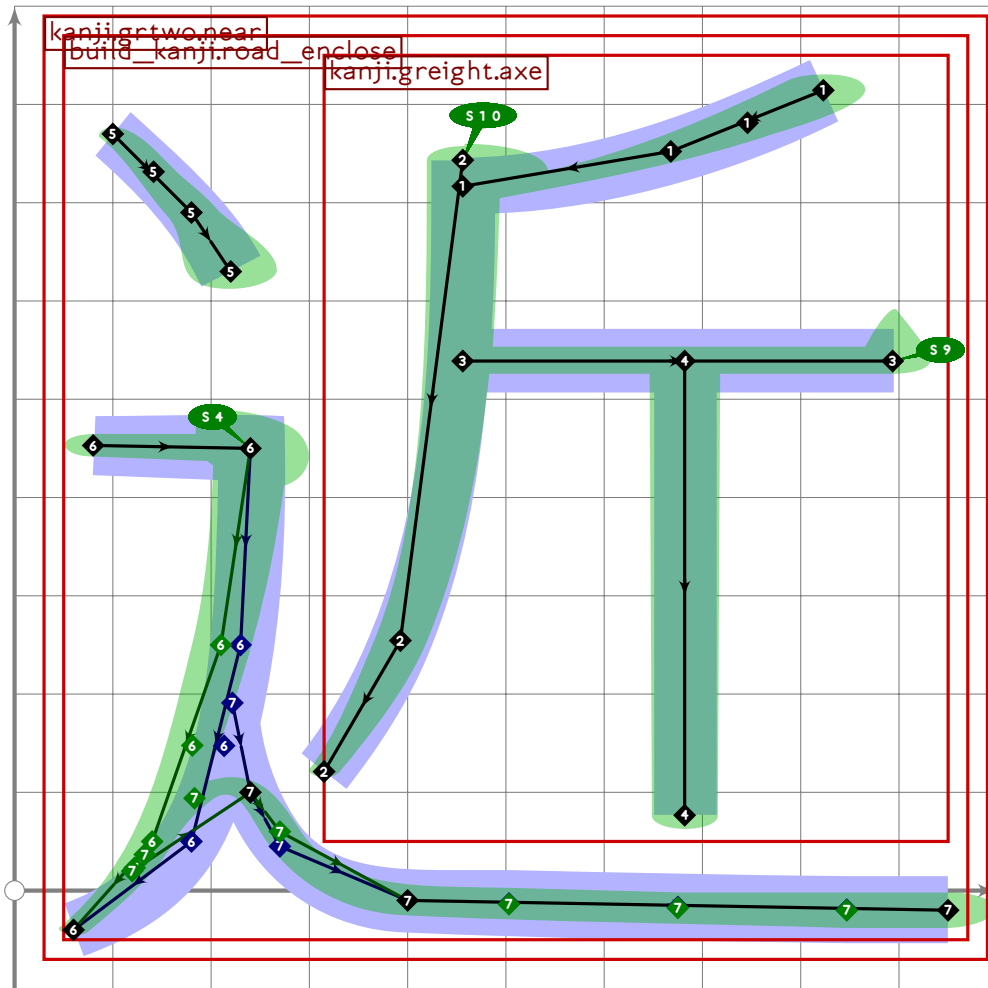
```
1 %
2 % Unicode page 8F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

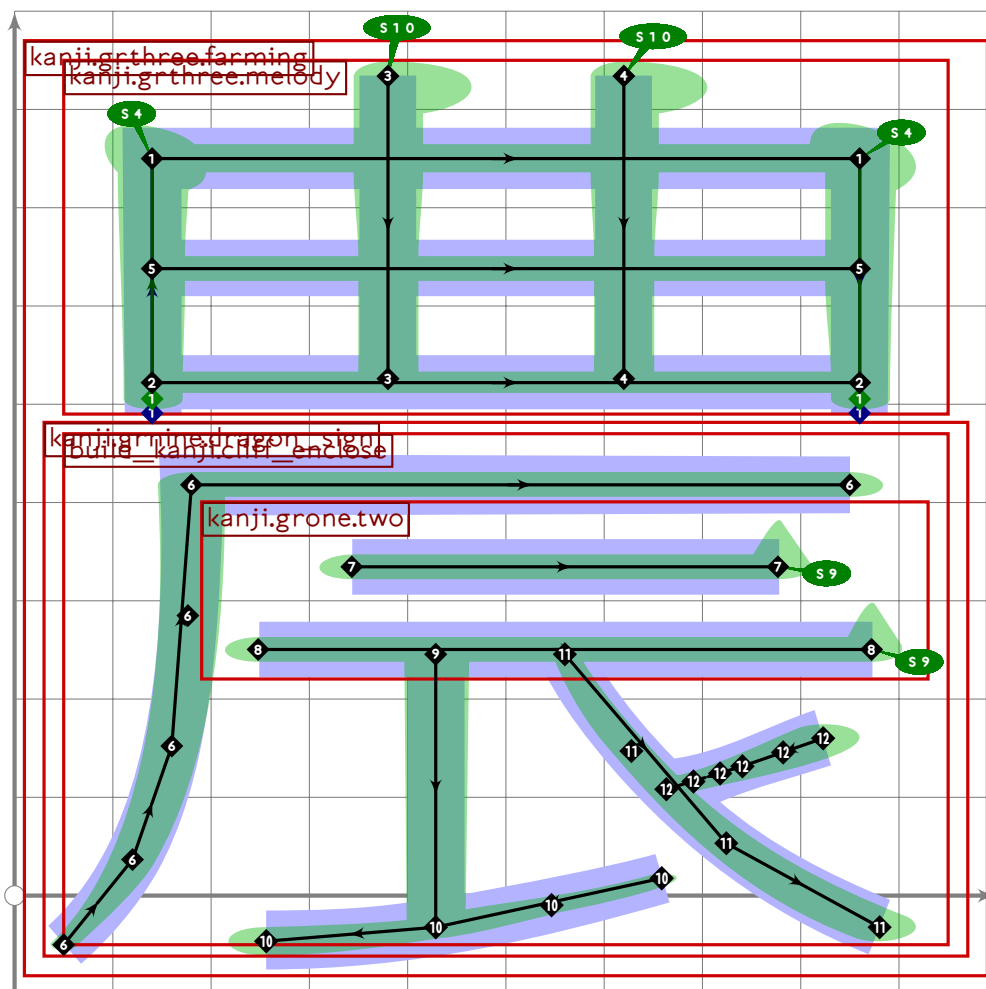

```



8F

```

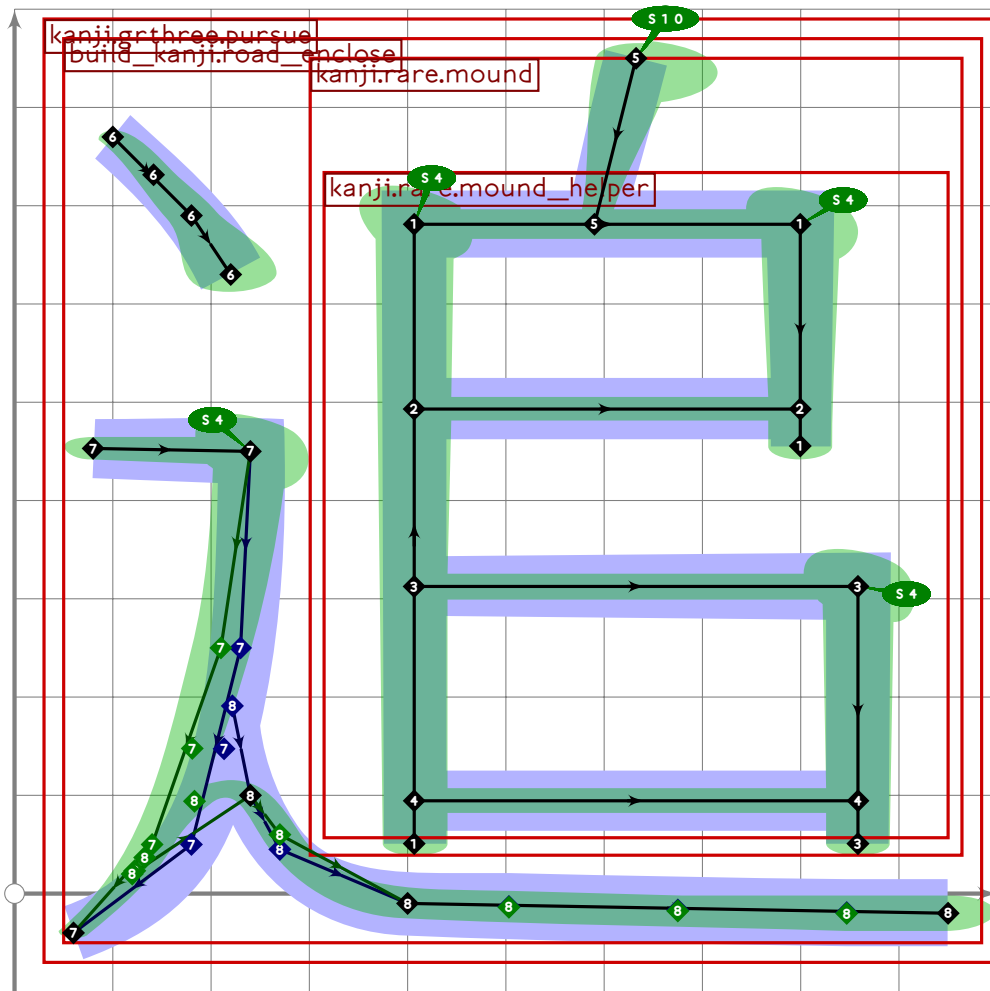
48
49 vardef kanji.grtwo.near =
50   push_pbox_toexpand("kanji.grtwo.near");
51   build_kanji.road_enclose(kanji.grtwo.road);
52   expand_pbox;
53 enddef;
54
55
```



```

56
57 vardef kanji.grthree.farming =
58   push_pbox_toexpand("kanji.grthree.farming");
59   build_kanji.level(build_kanji.tb(480;-20)
60     (kanji.grthree.melody)
61     (kanji.grnine.dragon_sign));
62   expand_pbox;
63 enddef;

```



8F

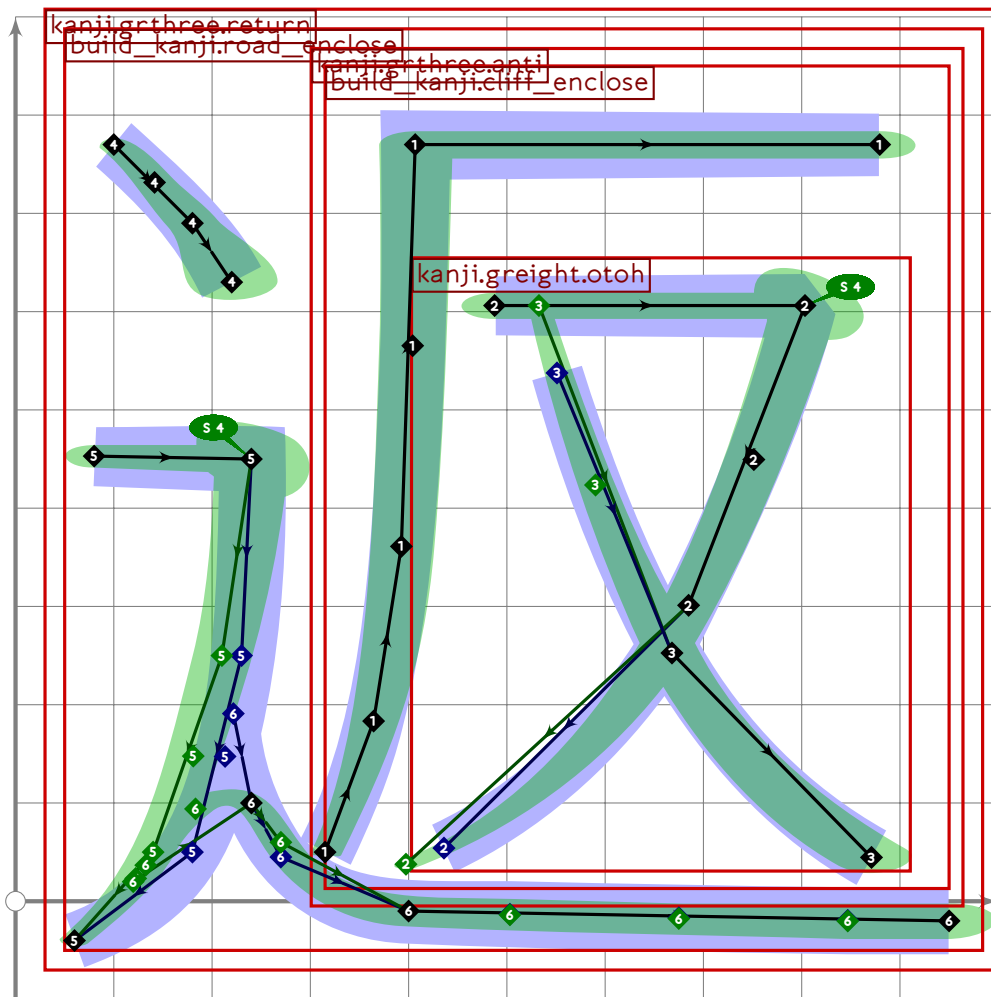
```

64
65 vardef kanji.grthree.pursue =
66   push_pbox_toexpand("kanji.grthree.pursue");
67   build_kanji.road_enclose(kanji.rare.mound);
68   expand_pbox;
69 enddef;

```

U+8FD4  
tsuku.uni8FD4

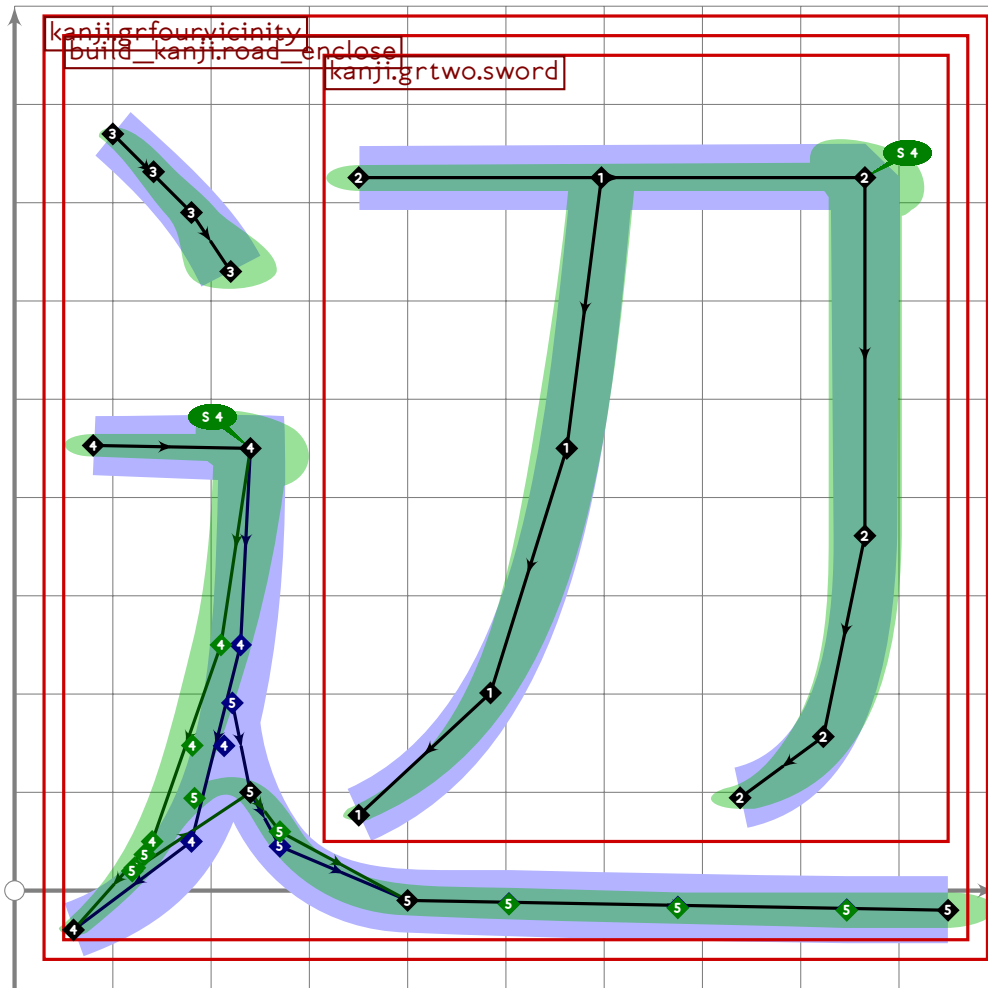
8F



```

70
71 vardef kanji.grthree.return =
72   push_pbox_toexpand("kanji.grthree.return");
73   build_kanji.road_enclose(kanji.grthree.anti);
74   expand_pbox;
75 enddef;
76
77

```



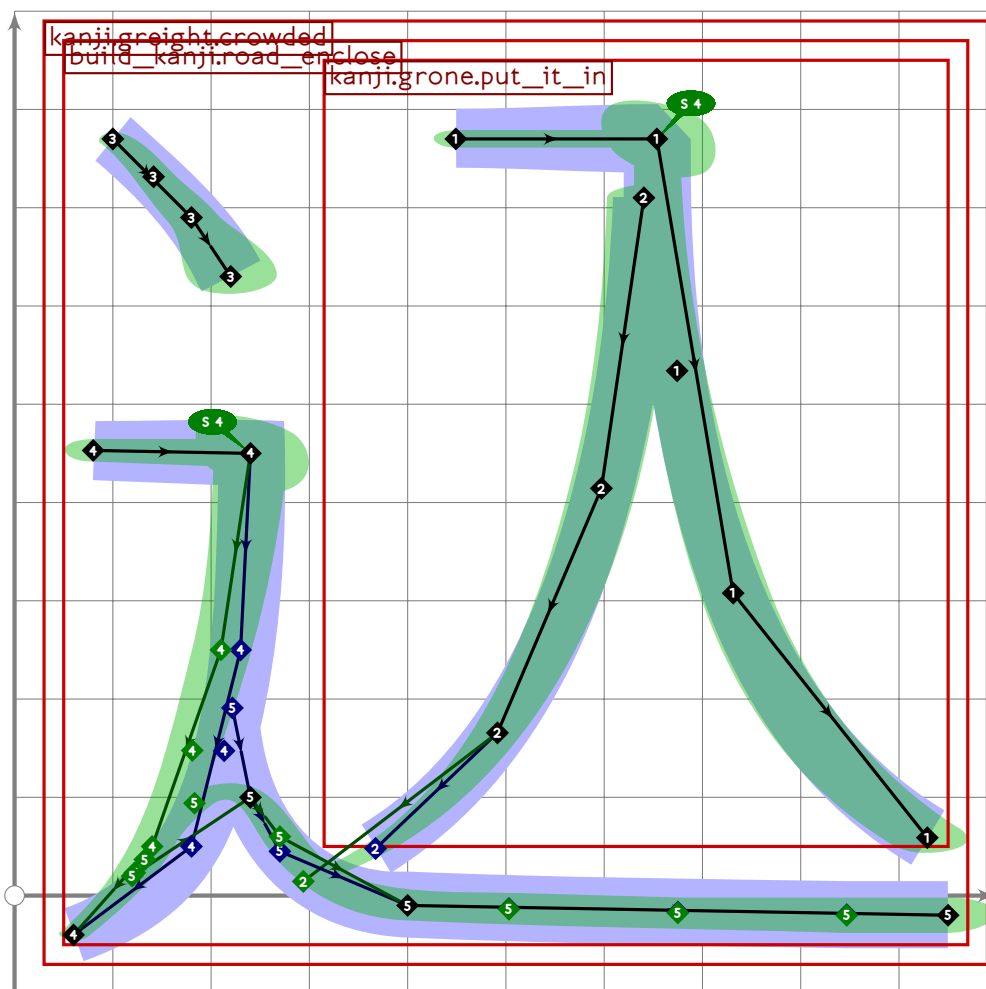
8F

```

78
79 vardef kanji.grfourvicinity =
80   push_pbox_toexpand("kanji.grfourvicinity");
81   build_kanji.road_enclose(kanji.grtwo.sword);
82   expand_pbox;
83 enddef;
84
85

```

8F

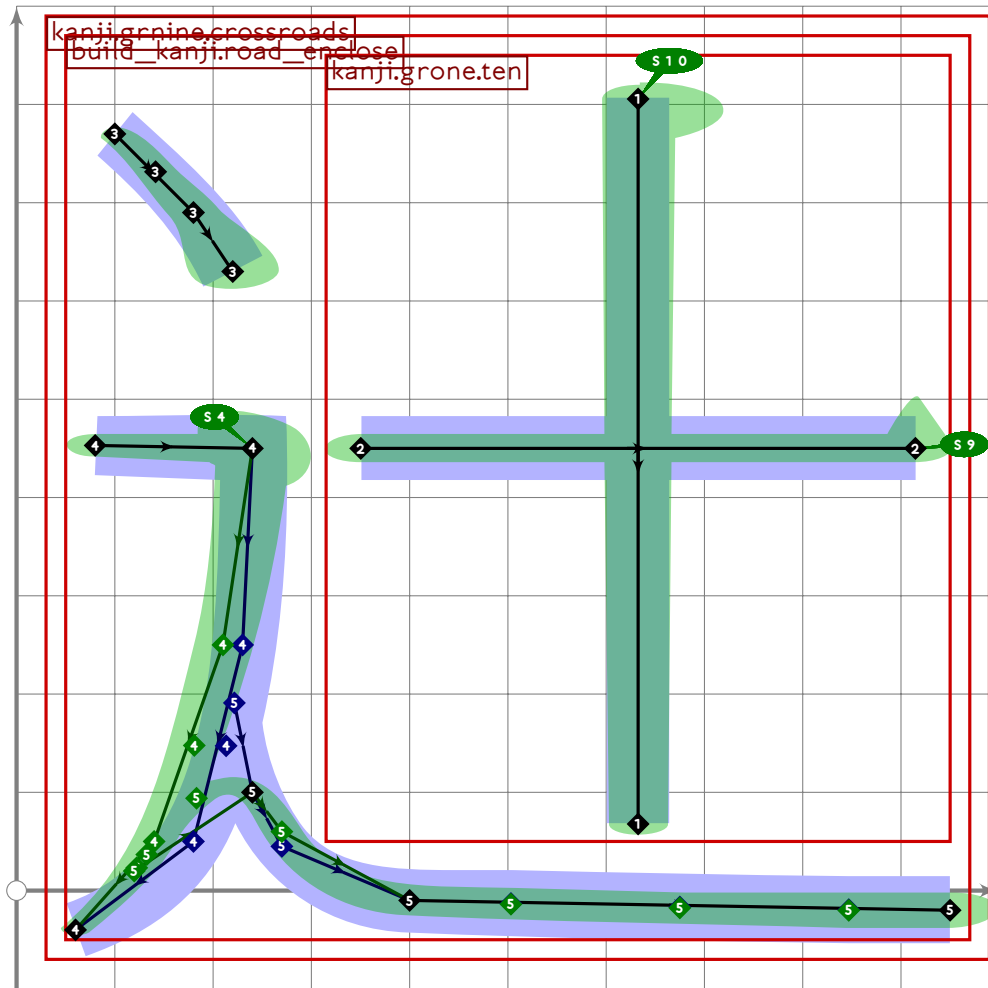


```

86
87 vardef kanji.greight.crowded =
88   push_pbox_toexpand("kanji.greight.crowded");
89   build_kanji.road__enclose(kanji.grone.put_it_in);
90   expand_pbox;
91 enddef;
92
93 _____

```



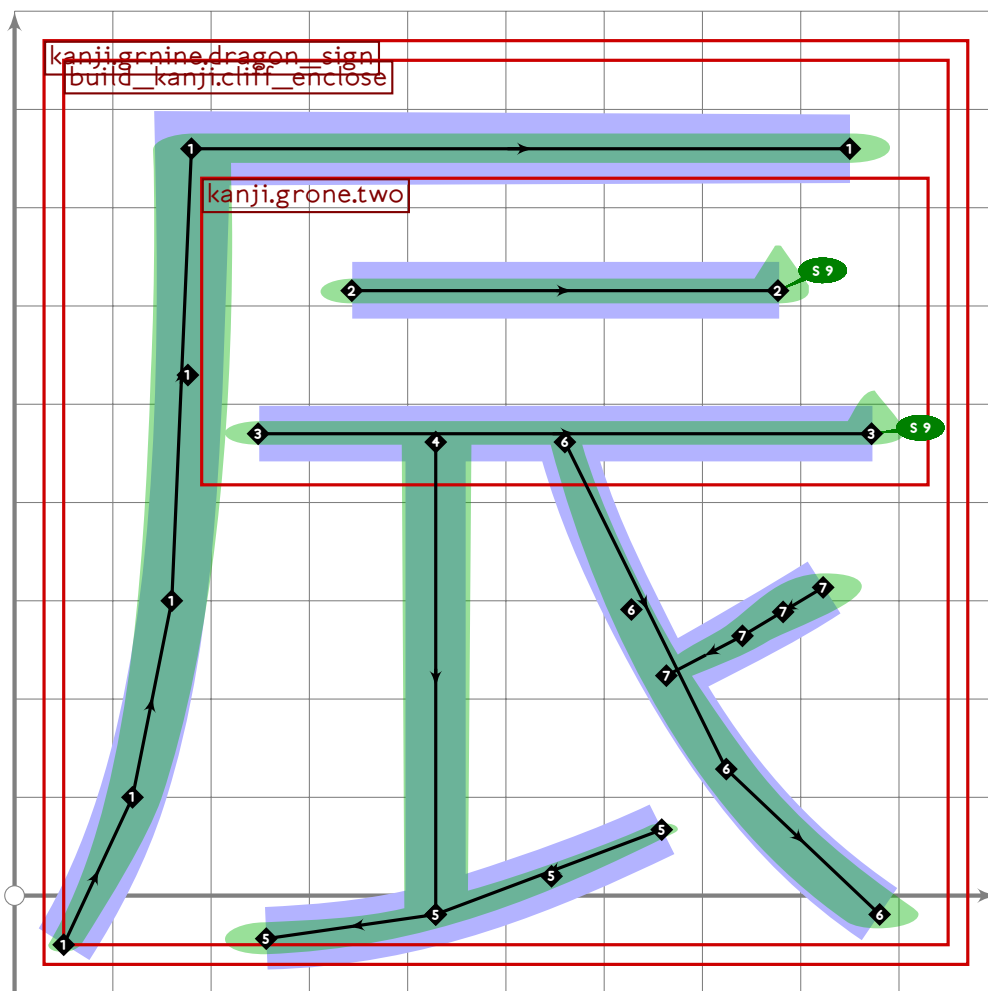


8F

```

94
95 vardef kanji.grnine.crossroads =
96   push_pbox_toexpand("kanji.grnine.crossroads");
97   build_kanji.road_enclose(kanji.grone.ten);
98   expand_pbox;
99 enddef;

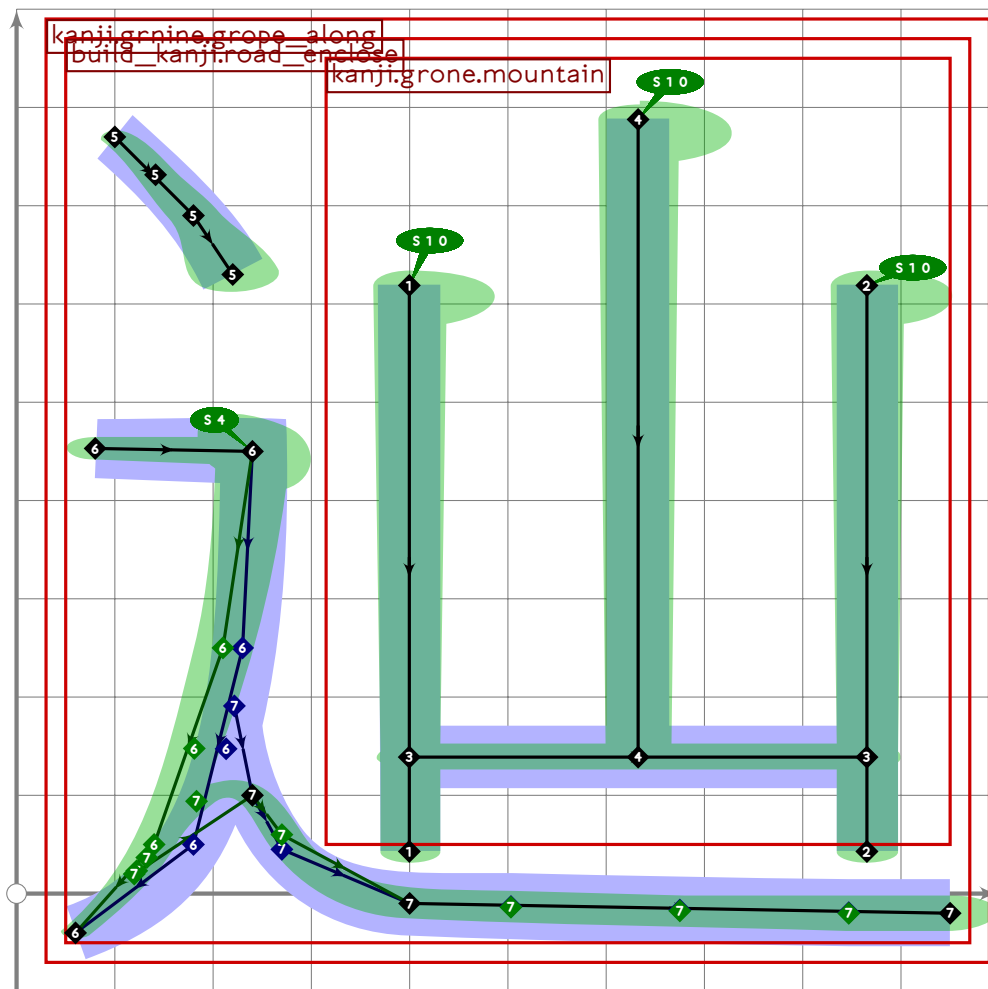
```



```

100
101 vardef kanji.grnine.dragon_sign =
102   push_pbox_toexpand("kanji.grnine.dragon_sign");
103   build_kanji.cliff_enclose(build_kanji.sscale(xscaled 1.12)
104     (build_kanji.tb(540,100)
105       (kanji.grone.two;
106         replace_stroke(-1)
107           (oldp shifted (-500,-100) xscaled 0.8 shifted (500,0)))
108       (push_stroke((340,780)-(340,0),(1.6,1.6)-(1.5,1.5));
109         push_stroke((620,140)..tension 1.2..
110           (point 1 of get_stroke(0)).(130,-40),
111           (1,1)-(1.5,1.5)-(1.8,1.8));
112         push_stroke((500,780)..tension 1.2..(700,240)..(890,0),
113           (1,1)-(1.4,1.4)-(1.7,1.7));
114         push_stroke((820,540)..tension 1.2..(720,460)..
115           (point 0.69 of get_stroke(0)),
116           (1.7,1.7)-(1.4,1.4)-(1.2,1.2))));
117   expand_pbox;
118 enddef;

```



8F

```

119
120 vardef kanji.grnine.grope_along =
121   push_pbox_toexpand("kanji.grnine.grope_along");
122   build_kanji.road_enclose(kanji.grone.mountain);
123   expand_pbox;
124 enddef;

```

125

126

127

```

128 % shin/kara "acrid"
129 begintsuglyph("uni8F9B";155);
130   kanji.greight.acrid;
131   tsu_render;
132 endtsuglyph;

```

[see page 699]

133

```

134 % heki/kimu "punish"
135 begintsuglyph("uni8F9F";159);
136   kanji.rare.punish;
137   tsu_render;
138 endtsuglyph;

```

[see page 785]

139

140 % shin/tatsu "zodiac sign of the dragon"  
 141 begintsuglyph("uni8FB0";176); [see page 2572]  
 142 kanji.grnine.dragon\_sign;  
 143 tsu\_render;  
 144 endtsuglyph;  
 145  
 146 % nou/na "farming"  
 147 begintsuglyph("uni8FB2";178); [see page 2566]  
 148 kanji.grthree.farming;  
 149 tsu\_render;  
 150 endtsuglyph;  
 151  
 152 % hen/ata "vicinity"  
 153 begintsuglyph("uni8FBA";186); [see page 2569]  
 154 kanji.grfour.vicinity;  
 155 tsu\_render;  
 156 endtsuglyph;  
 157  
 158 % tsuji "crossroads"  
 159 begintsuglyph("uni8FBB";187); [see page 2571]  
 160 kanji.grnine.crossroads;  
 161 tsu\_render;  
 162 endtsuglyph;  
 163  
 164 % ko "crowded"  
 165 begintsuglyph("uni8FBC";188); [see page 2570]  
 166 kanji.greight.crowded;  
 167 tsu\_render;  
 168 endtsuglyph;  
 169  
 170 % ten/tado "grope along"  
 171 begintsuglyph("uni8FBF";191); [see page 2573]  
 172 kanji.grnine.grope\_along;  
 173 tsu\_render;  
 174 endtsuglyph;  
 175  
 176 % kin/chika "near"  
 177 begintsuglyph("uni8FD1";209); [see page 2565]  
 178 kanji.grtwo.near;  
 179 tsu\_render;  
 180 endtsuglyph;  
 181  
 182 % hen/kae "return"  
 183 begintsuglyph("uni8FD4";212); [see page 2568]  
 184 kanji.grthree.return;  
 185 tsu\_render;  
 186 endtsuglyph;  
 187

```
188 % tsui/o "pursue"  
189 begintsuglyph("uni8FFD";253);  
190   kanji.grthree.pursue;  
191   tsu_render;  
192 endtsuglyph;  
193  
194 _____  
195  
196 endfont;  
197  
198 _____
```

[see page 2567]

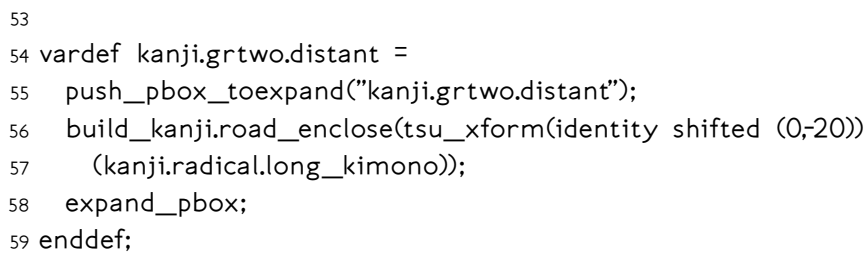
```
1 %
2 % Unicode page 90 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 radical.mp;
46 input rare.mp;
47 input rightrad.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52 

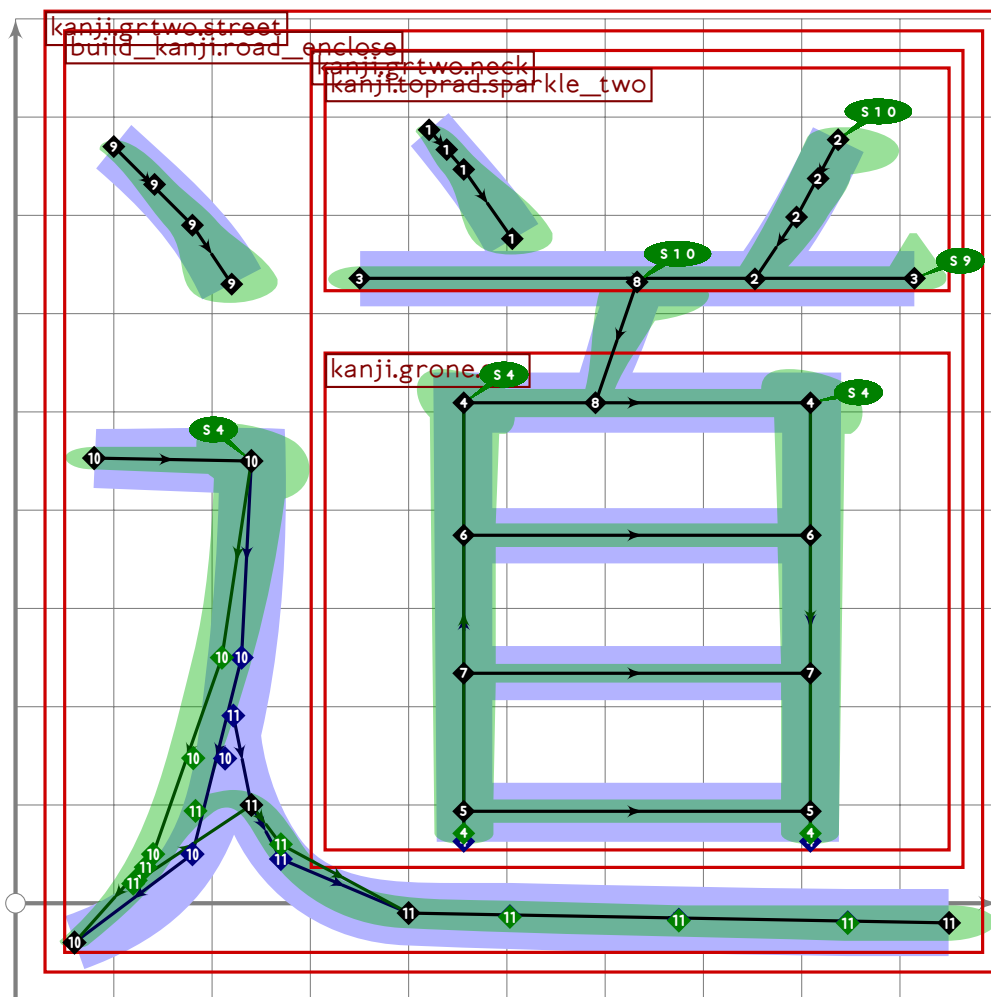
---


```



U+9053  
tsuku.uni9053

90

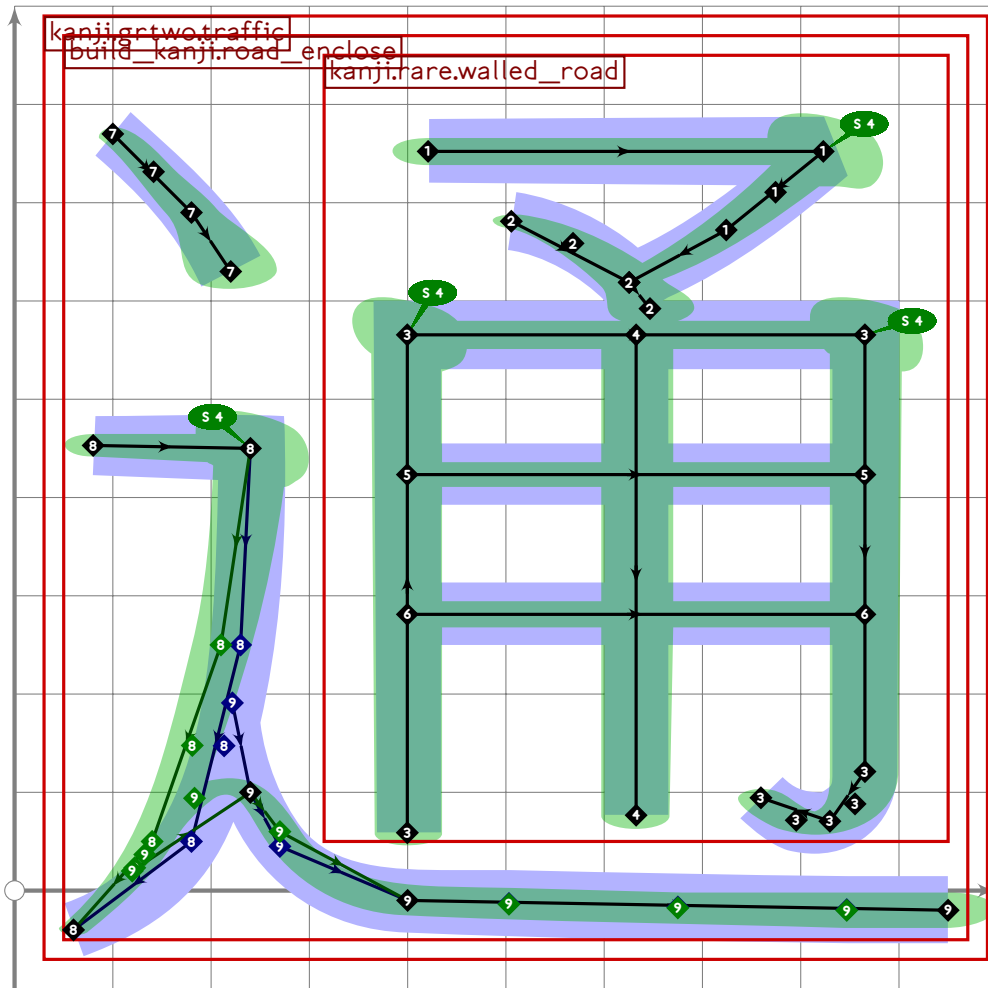


```

60
61 vardef kanji.grtwo.street =
62   push_pbox_toexpand("kanji.grtwo.street");
63   build_kanji.road_enclose(kanji.grtwo.neck);
64   expand_pbox;
65 enddef;

```

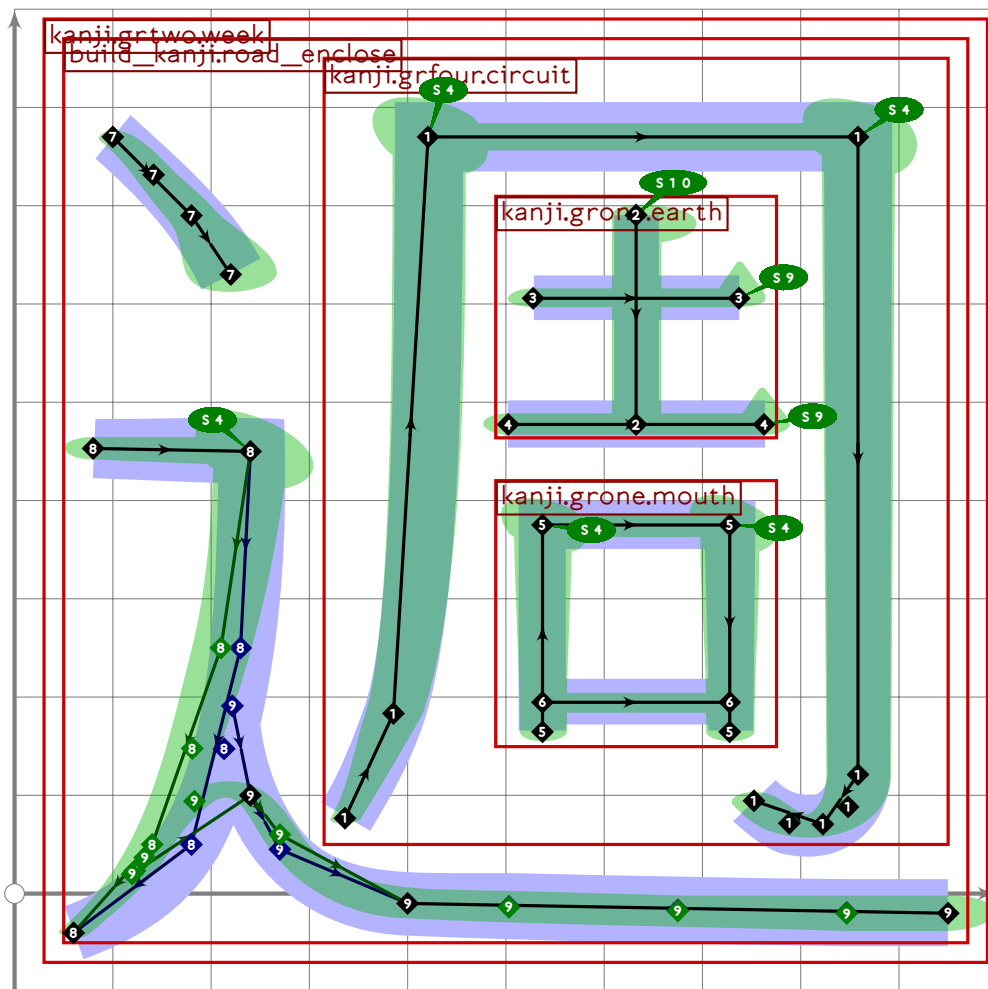




```

66
67 vardef kanji.grtwo.traffic =
68   push_pbox_toexpand("kanji.grtwo.traffic");
69   build_kanji.road_enclose(kanji.rare.walled_road);
70   expand_pbox;
71 enddef;

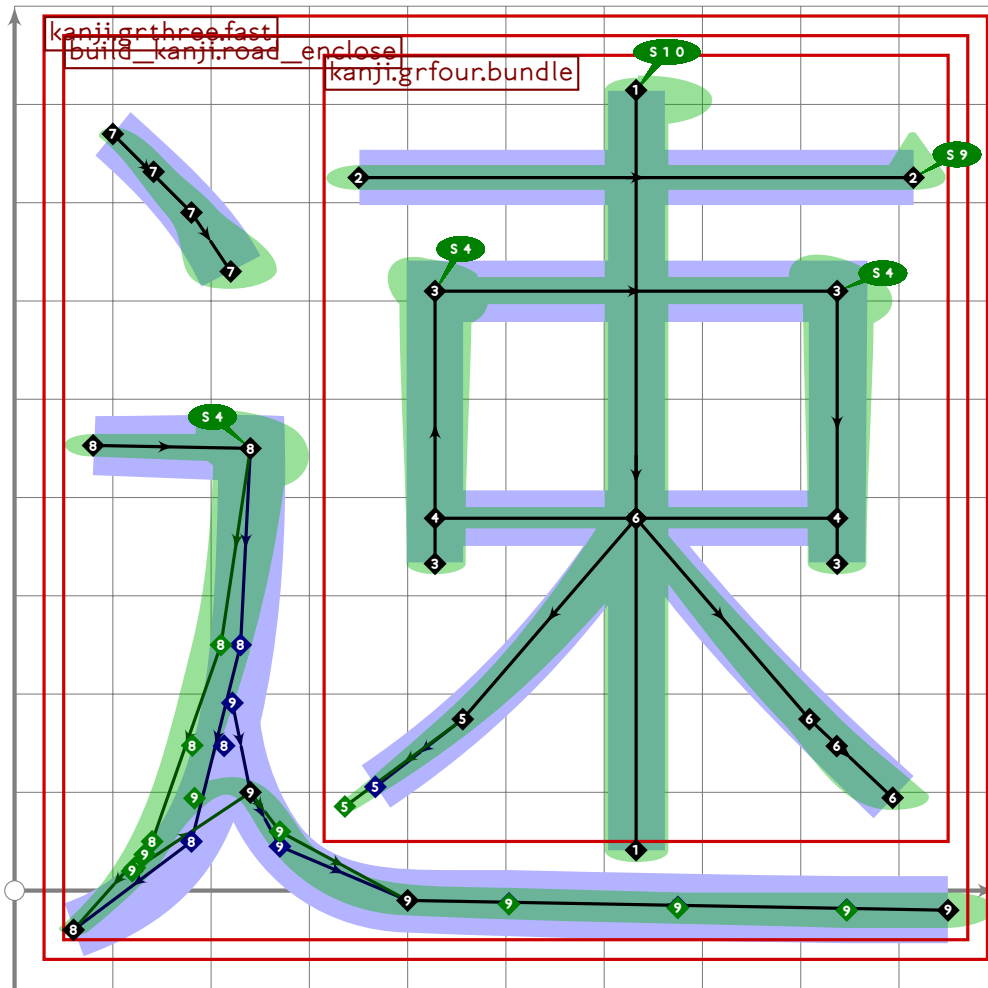
```



```

72
73 vardef kanji.grtwo.week =
74   push_pbox_toexpand("kanji.grtwo.week");
75   build_kanji.road_enclose(kanji.grfour.circuit);
76   expand_pbox;
77 enddef;
78
79

```



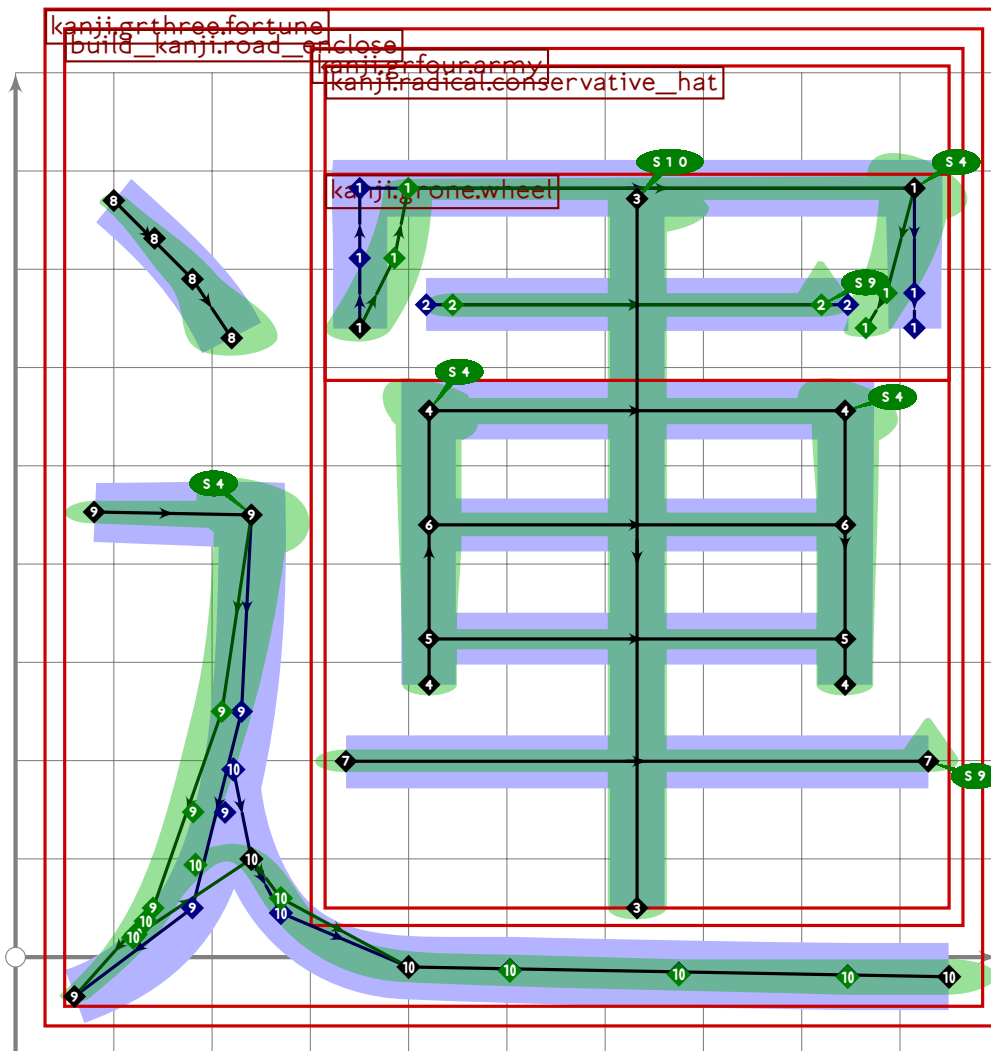
```

80
81 vardef kanji.grthree.fast =
82   push_pbox_toexpand("kanji.grthree.fast");
83   build_kanji.road_enclose(kanji.grfour.bundle);
84   expand_pbox;
85 enddef;

```

U+904B  
tsuku.uni904B

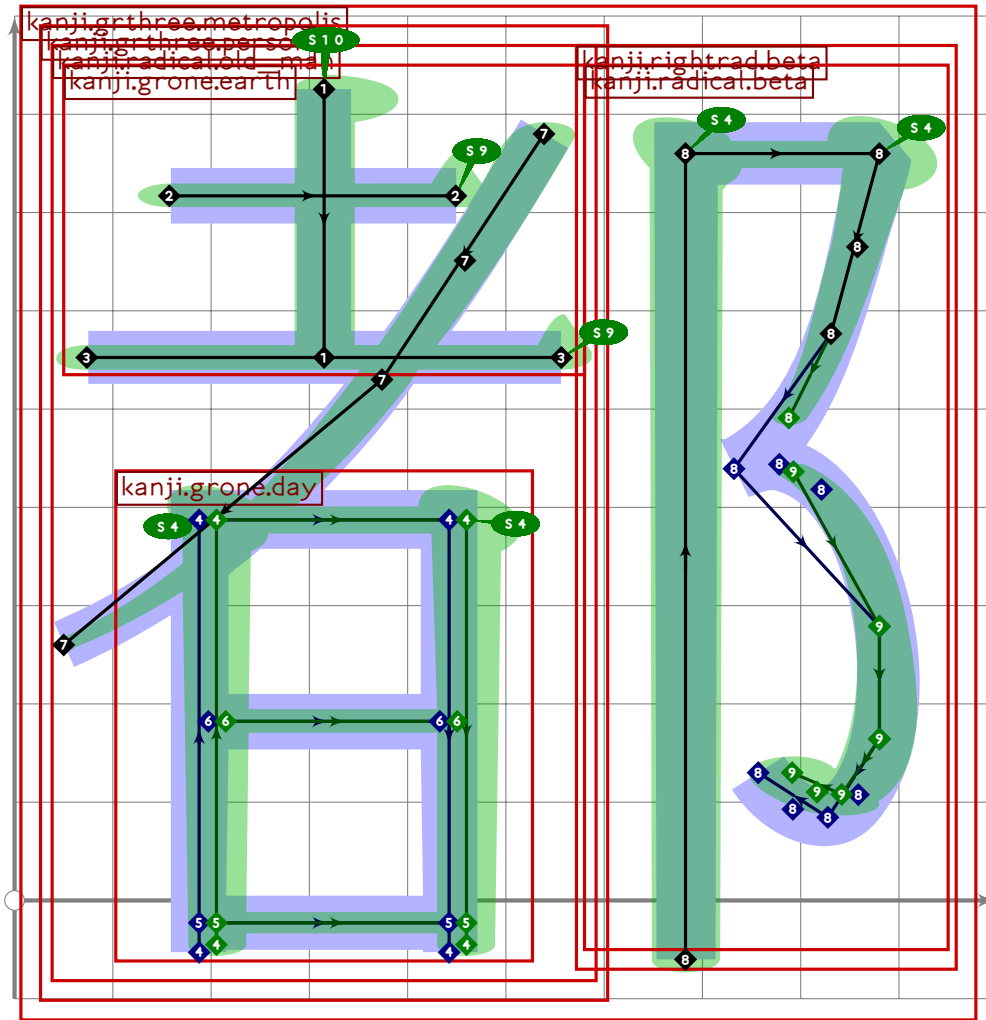
90



```

86
87 vardef kanji.grthree.fortune =
88   push_pbox_toexpand("kanji.grthree.fortune");
89   build_kanji.road_enclose(kanji.grfourarmy);
90   expand_pbox;
91 enddef;

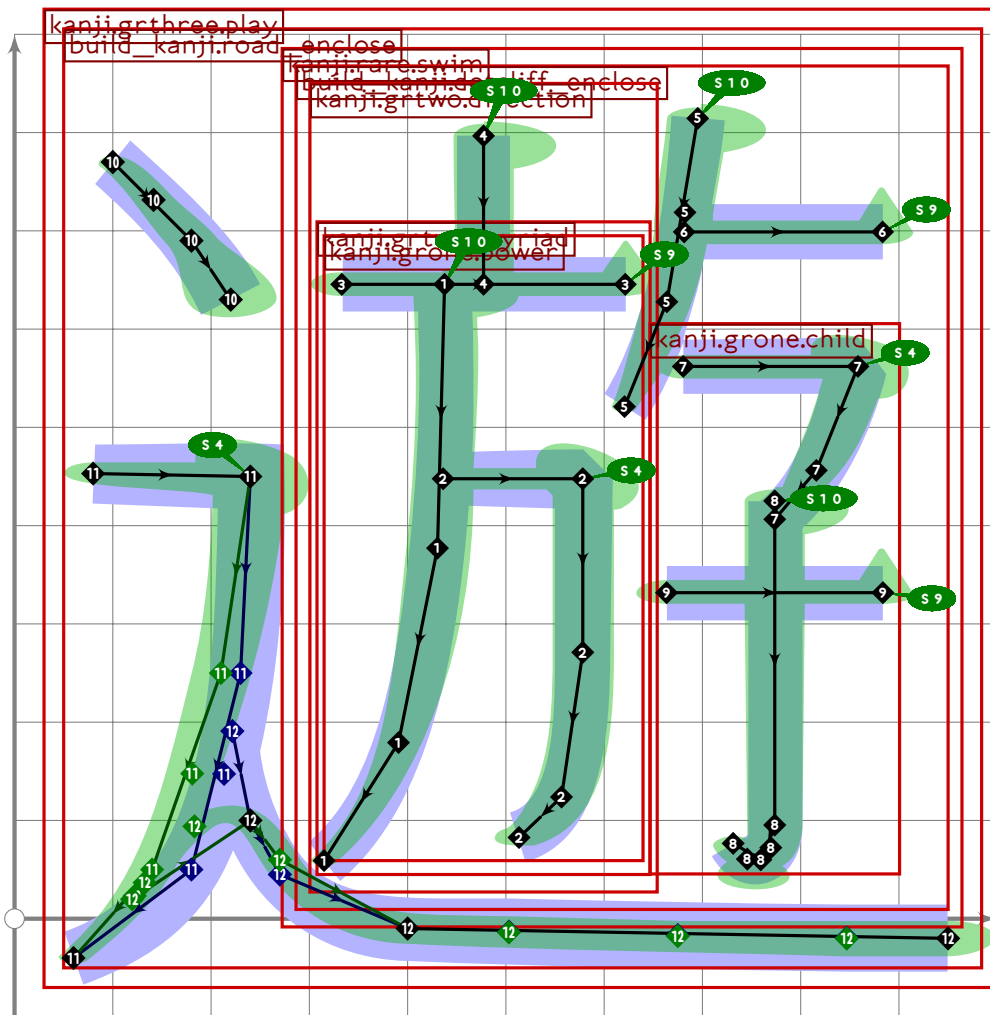
```



```

92
93 vardef kanji.grthree.metropolis =
94   push_pbox_toexpand("kanji.grthree.metropolis");
95   build_kanji.lr(580,0)
96     (kanji.grthree.person)
97     (kanji.rightrad.beta);
98   expand_pbox;
99 enddef;

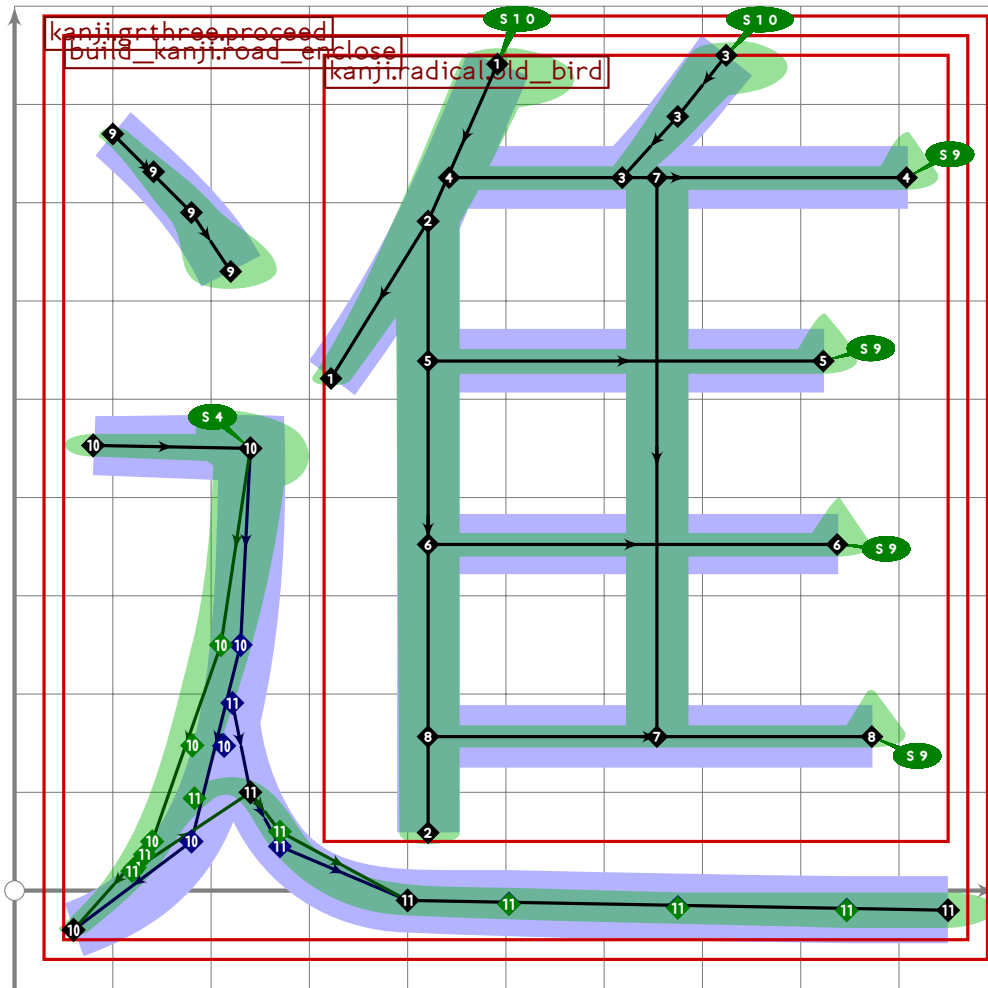
```



```

100
101 vardef kanji.grthree.play =
102   push_pbox_toexpand("kanji.grthree.play");
103   build_kanji.road_enclose(kanji.rare.swim);
104   expand_pbox;
105 enddef;

```



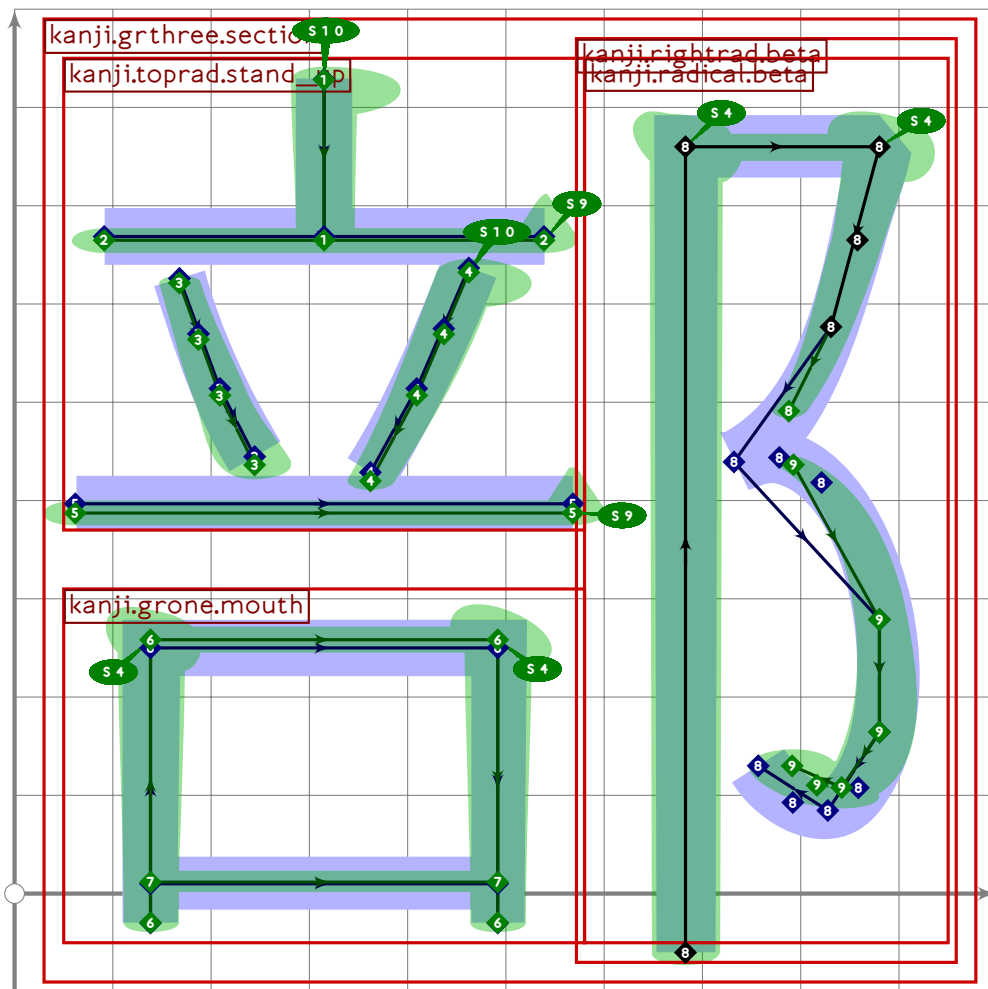
```

106
107 vardef kanji.grthree.proceed =
108   push_pbox_toexpand("kanji.grthree.proceed");
109   build_kanji.oad_enclose(kanji.radical.old_bird);
110   expand_pbox;
111 enddef;

```

U+90E8  
tsuku.uni90E8

90

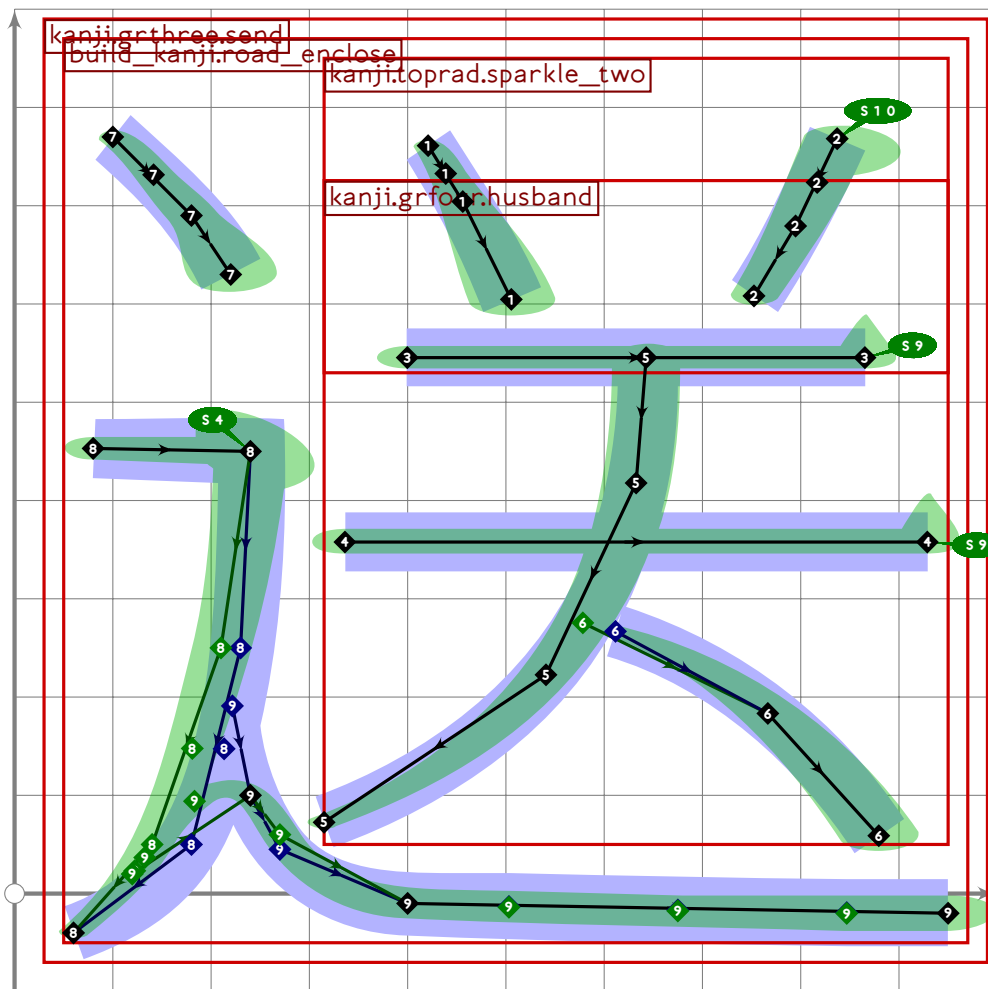


```

112
113 vardef kanji.grthree.section =
114   push_pbox_toexpand("kanji.grthree.section");
115   build_kanji.lr(580,0)
116     (build_kanji.tb(340,-60+20*mincho)
117       (kanji.toprad.stand_up)
118       (kanji.grone.mouth))
119     (kanji.rightrad.beta);
120   expand_pbox;
121 enddef;

```

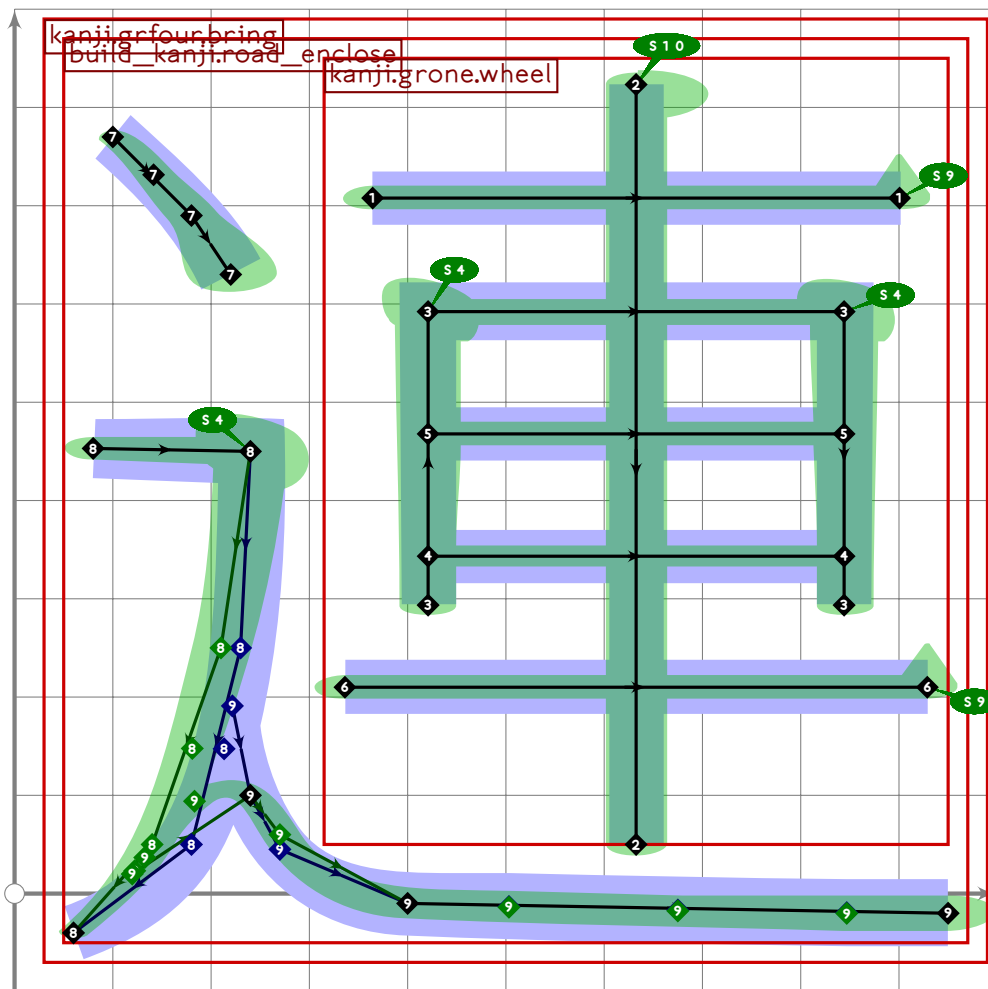




```

122
123 vardef kanji.grthree.send =
124   push_pbox_toexpand("kanji.grthree.send");
125   build_kanji.road_enclose(build_kanji.level(
126     build_kanji.tb(600,220)
127     (kanji.toprad.sparkle_two)
128     (kanji.grfour.husband);
129   replace_stroke(-1)(subpath
130     (xpart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
131   set_boserif(-1,0,whatever);
132   replace_stroke(0)((point 1.7 of get_stroke(-1)).(690,100)..(850,-40));
133   replace_stroke(0)((0.9,0.9)-(1.5,1.5)-(1.8,1.8));
134   ));
135   expand_pbox;
136 enddef;
137
138

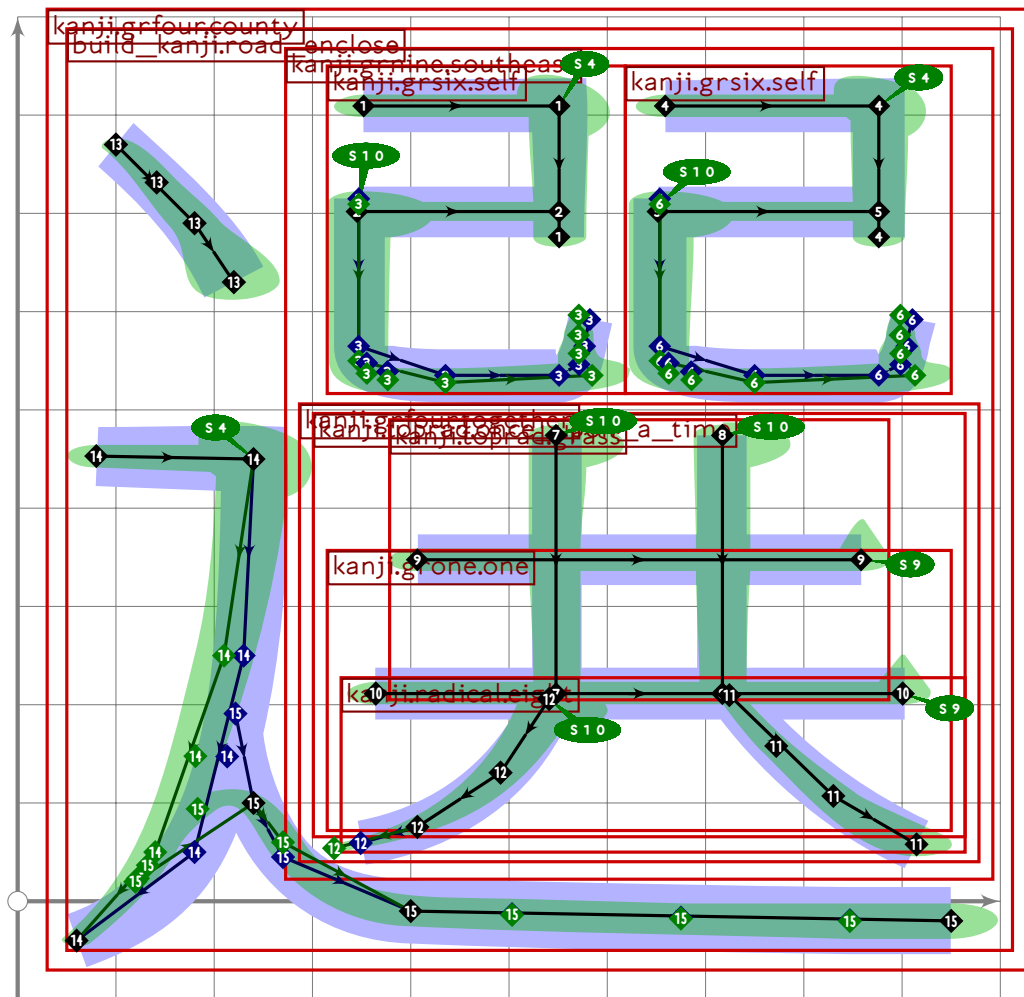
```



```

139
140 vardef kanji.grfour.bring =
141   push_pbox_toexpand("kanji.grfour.bring");
142   build_kanji.road_enclose(kanji.grone.wheel);
143   expand_pbox;
144 enddef;

```



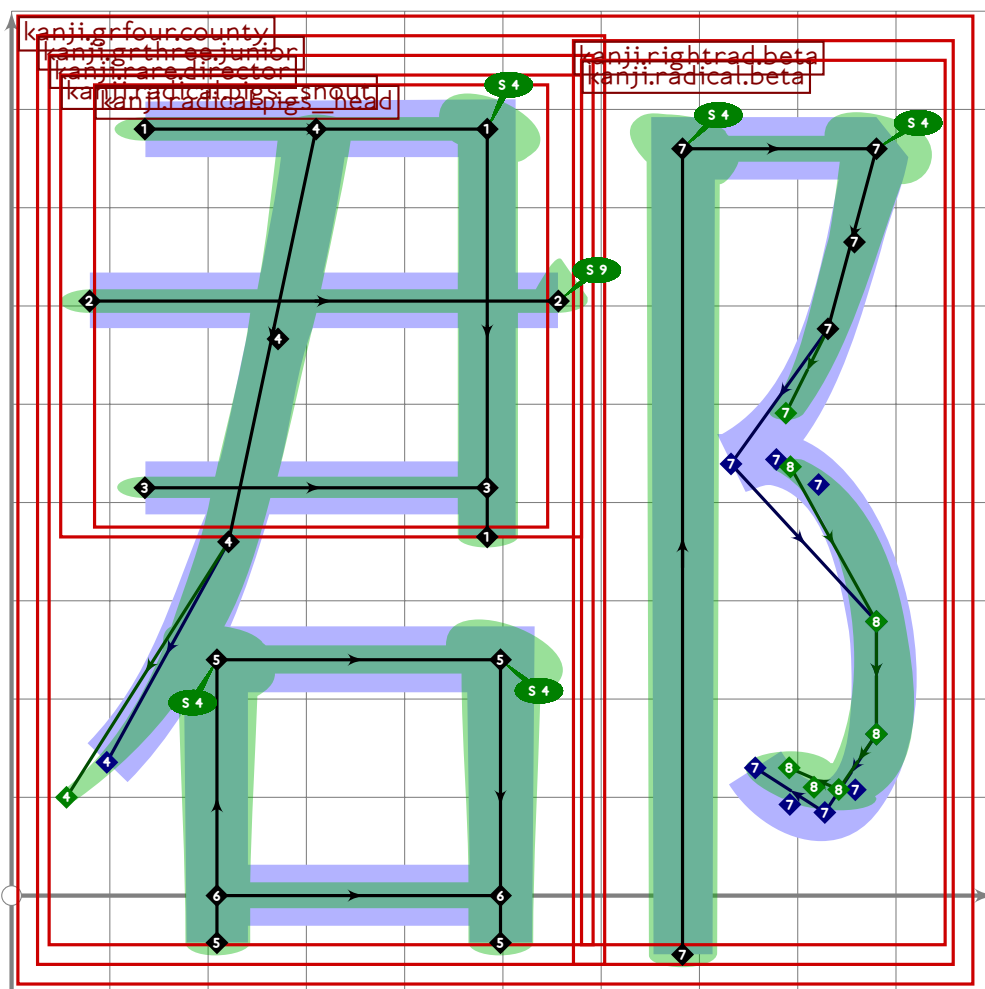
```

145
146 vardef kanji.grfour.choose =
147   push_pbox_toexpand("kanji.grfour.county");
148   build_kanji.road_enclose(kanji.grnine.southeast);
149   expand_pbox;
150 enddef;

```

U+90E1  
tsuku.uni90E1

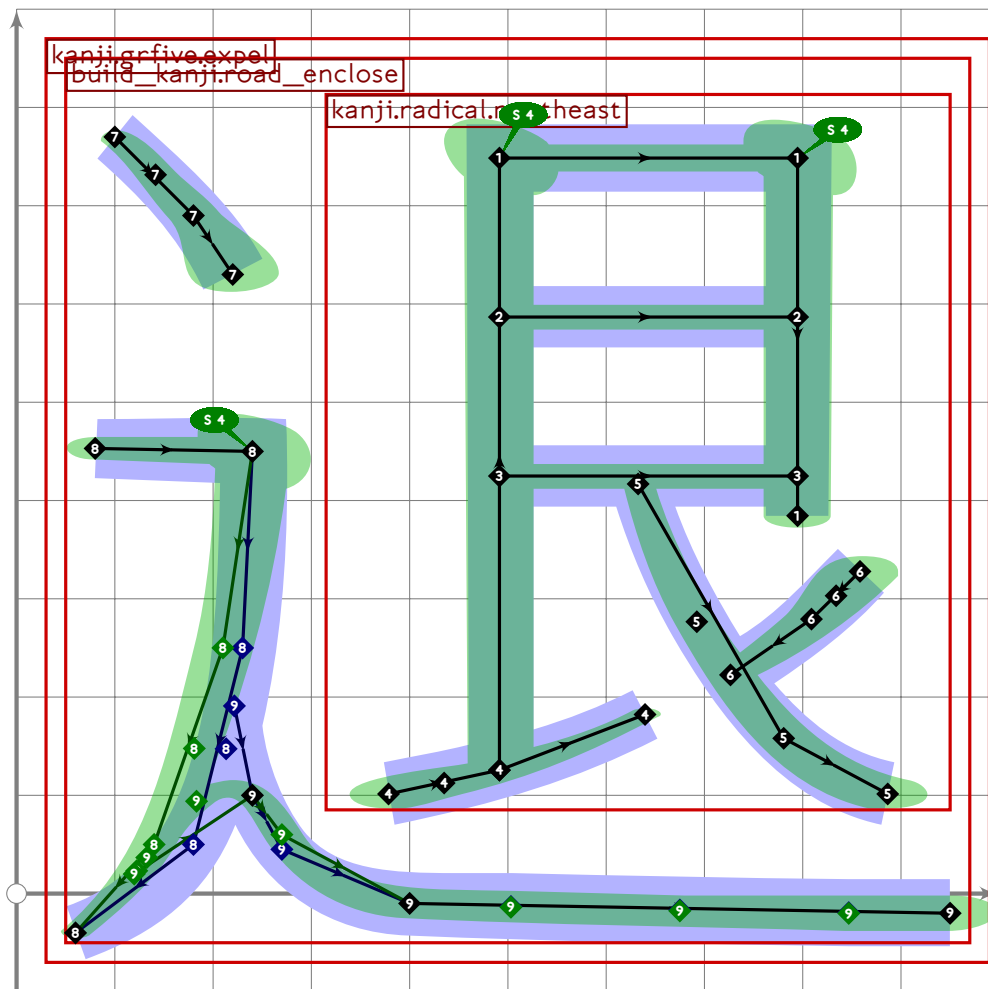
90



```

151
152 vardef kanji.grfour.county =
153   push_pbox_toexpand("kanji.grfour.county");
154   build_kanji.lr(580,0)
155     (kanji.grthree.junior)
156     (kanji.rightrad.beta);
157   expand_pbox;
158 enddef;
159
160

```



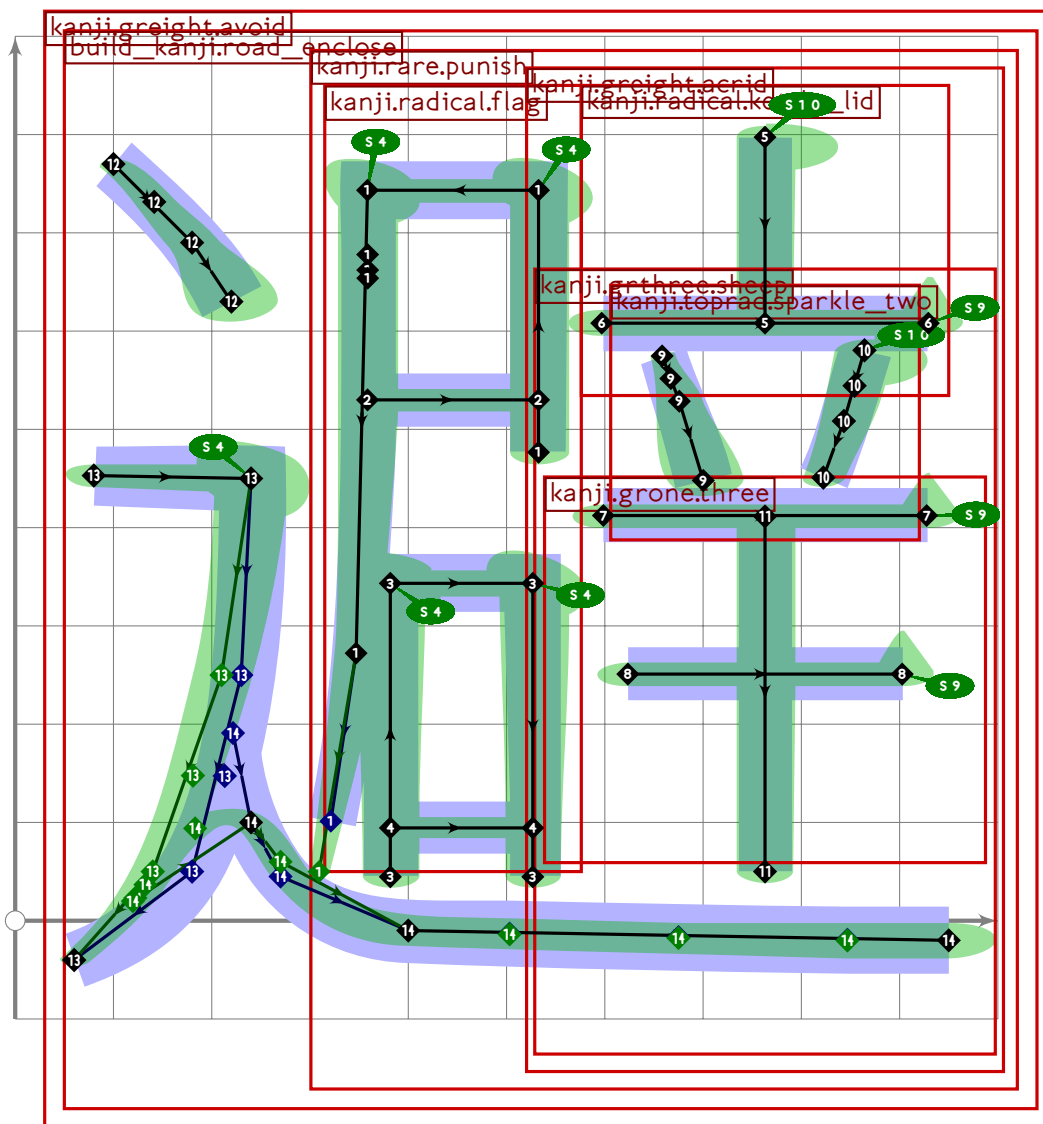
```

161
162 vardef kanji.grfive.expel =
163   push_pbox_toexpand("kanji.grfive.expel");
164   build_kanji.road_enclose(build_kanji.sscale(yscaled 0.91)
165     (kanji.radical.northeast));
166   expand_pbox;
167 enddef;
168
169

```

U+907F  
tsuku.uni907F

90



```

170
171 vardef kanji.greight.avoid =
172   push_pbox_toexpand("kanji.greight.avoid");
173   build_kanji.road_enclose(kanji.rare.punish);
174   expand_pbox;
175 enddef;
176
177
178
179 % tai/shirizo "expel"
180 begintsuglyph("uni9000";0);
181   kanji.grfive.expel;
182   tsu_render;
183 endtsuglyph;
184
185 % sou/oku "send"
186 begintsuglyph("uni9001";1);

```

[see page 2591]

[see page 2587]

```

187  kanji.grthree.send;
188  tsu_render;
189  endtsuglyph;
190
191  % tsuu/too "distant"
192  begintsuglyph("uni901A";26);
193  kanji.grtwo.traffic;
194  tsu_render;
195  endtsuglyph;
196
197  % soku/haya "fast"
198  begintsuglyph("uni901F";31);
199  kanji.grthree.fast;
200  tsu_render;
201  endtsuglyph;
202
203  % ren/tsura "bring"
204  begintsuglyph("uni9023";35);
205  kanji.grfour.bring;
206  tsu_render;
207  endtsuglyph;
208
209  % shuu "week"
210  begintsuglyph("uni9031";49);
211  kanji.grtwo.week;
212  tsu_render;
213  endtsuglyph;
214
215  % sin/susu "proceed"
216  begintsuglyph("uni9032";50);
217  kanji.grthree.proceed;
218  tsu_render;
219  endtsuglyph;
220
221  % aso "play"
222  begintsuglyph("uni904A";74);
223  kanji.grthree.play;
224  tsu_render;
225  endtsuglyph;
226
227  % sin/susu "proceed"
228  begintsuglyph("uni904B";75);
229  kanji.grthree.fortune;
230  tsu_render;
231  endtsuglyph;
232
233  % dou/michi "street"
234  begintsuglyph("uni9053";83);

```

[see page 2579]

[see page 2581]

[see page 2588]

[see page 2580]

[see page 2585]

[see page 2584]

[see page 2582]

[see page 2578]

```

235  kanji.grtwo.street;
236  tsu_render;
237 endtsuglyph;
238
239 % en/too "distant"
240 begintsuglyph("uni9060";96); [see page 2577]
241  kanji.grtwo.distant;
242  tsu_render;
243 endtsuglyph;
244
245 % sen/era "choose"
246 begintsuglyph("uni9078";120); [see page 2589]
247  kanji.grfour.choose;
248  tsu_render;
249 endtsuglyph;
250
251 % hi/sa "avoid"
252 begintsuglyph("uni907F";127); [see page 2592]
253  kanji.greight.avoid;
254  tsu_render;
255 endtsuglyph;
256
257 % gen/koori "county"
258 begintsuglyph("uni90E1";225); [see page 2590]
259  kanji.grfour.county;
260  tsu_render;
261 endtsuglyph;
262
263 % bu/be "section"
264 begintsuglyph("uni90E8";232); [see page 2586]
265  kanji.grthree.section;
266  tsu_render;
267 endtsuglyph;
268
269 % to/miyako "metropolis"
270 begintsuglyph("uni90FD";253); [see page 2583]
271  kanji.grthree.metropolis;
272  tsu_render;
273 endtsuglyph;
274
275 _____
276
277 endfont;
278
279 _____

```



# tsuku-91.mp

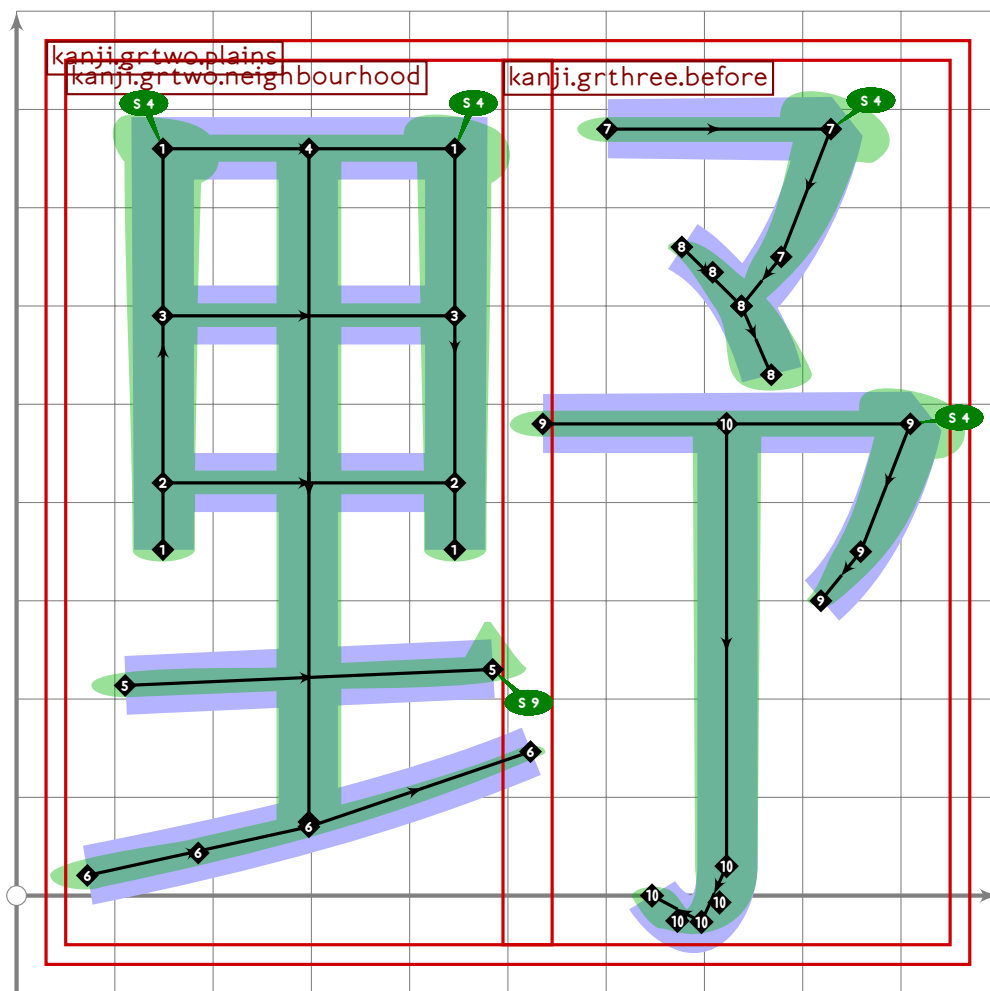
```
1 %
2 % Unicode page 91 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradenine.mp;
38 input gradeone.mp;
39 input gradesix.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 

---

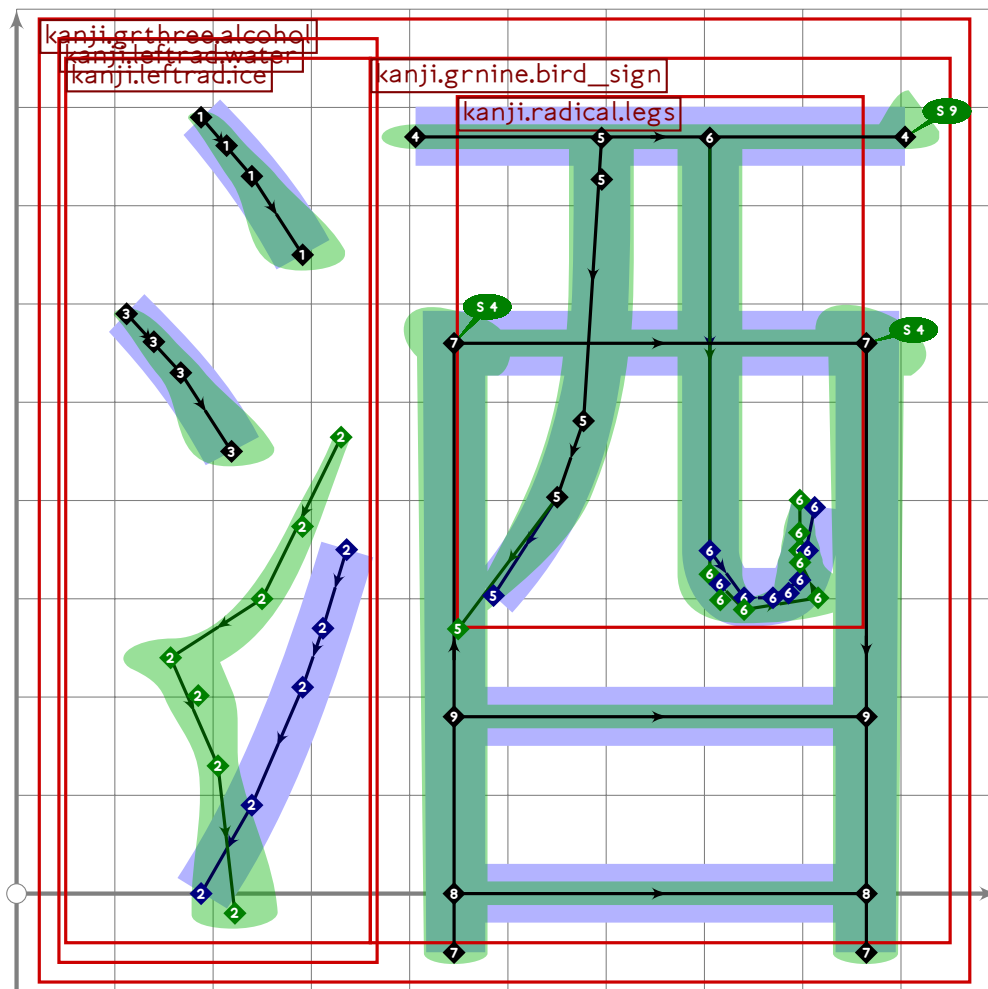

```



```

49
50 vardef kanji.grtwo.plains =
51   push_pbox_toexpand("kanji.grtwo.plains");
52   build_kanji.level(build_kanji.lr(520,50)
53     (build_kanji.lift_skirt(250,150)(kanji.grtwo.neighbourhood))
54     (kanji.grthree.before));
55   expand_pbox;
56 enddef;
57
58

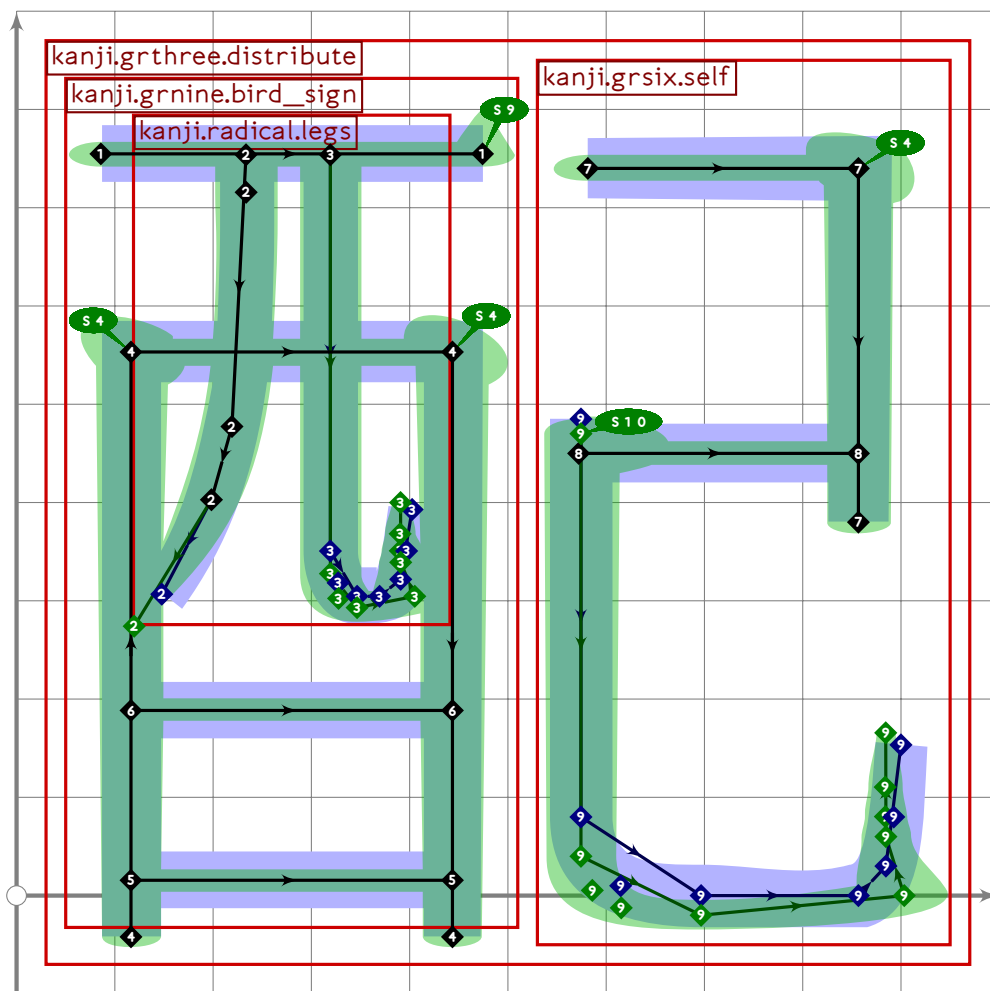
```



```

59
60 vardef kanji.grthree.alcohol =
61   push_pbox_toexpand("kanji.grthree.alcohol");
62   build_kanji.lr(360,0)
63     (kanji.leftrad.water)
64     (kanji.grnine.bird_sign);
65   expand_pbox;
66 enddef;

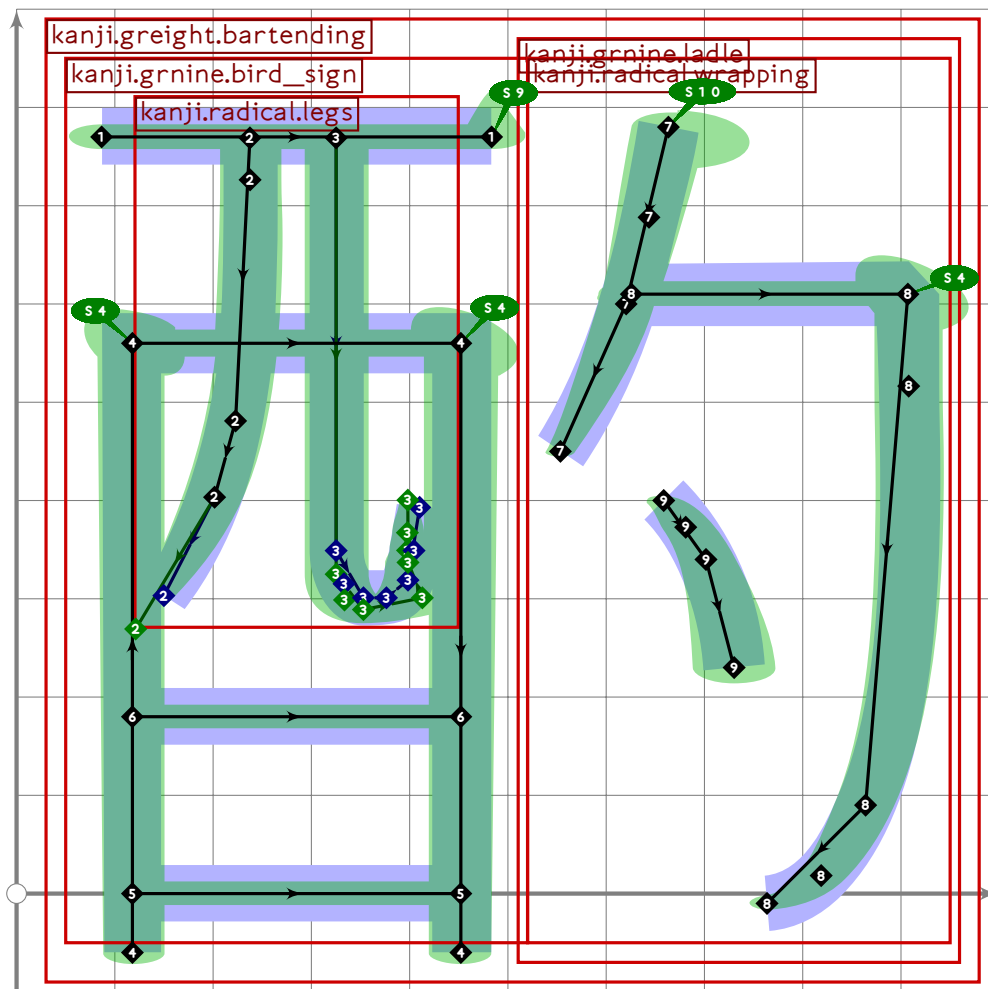
```



```

67
68 vardef kanji.grthree.distribute =
69   push_pbox_toexpand("kanji.grthree.distribute");
70   build_kanji.lr(520,-20)
71     (build_kanji.sscale(yscaled 0.96)(kanji.grnine.bird_sign))
72     (kanji.grsix.self);
73   expand_pbox;
74 enddef;
75
76

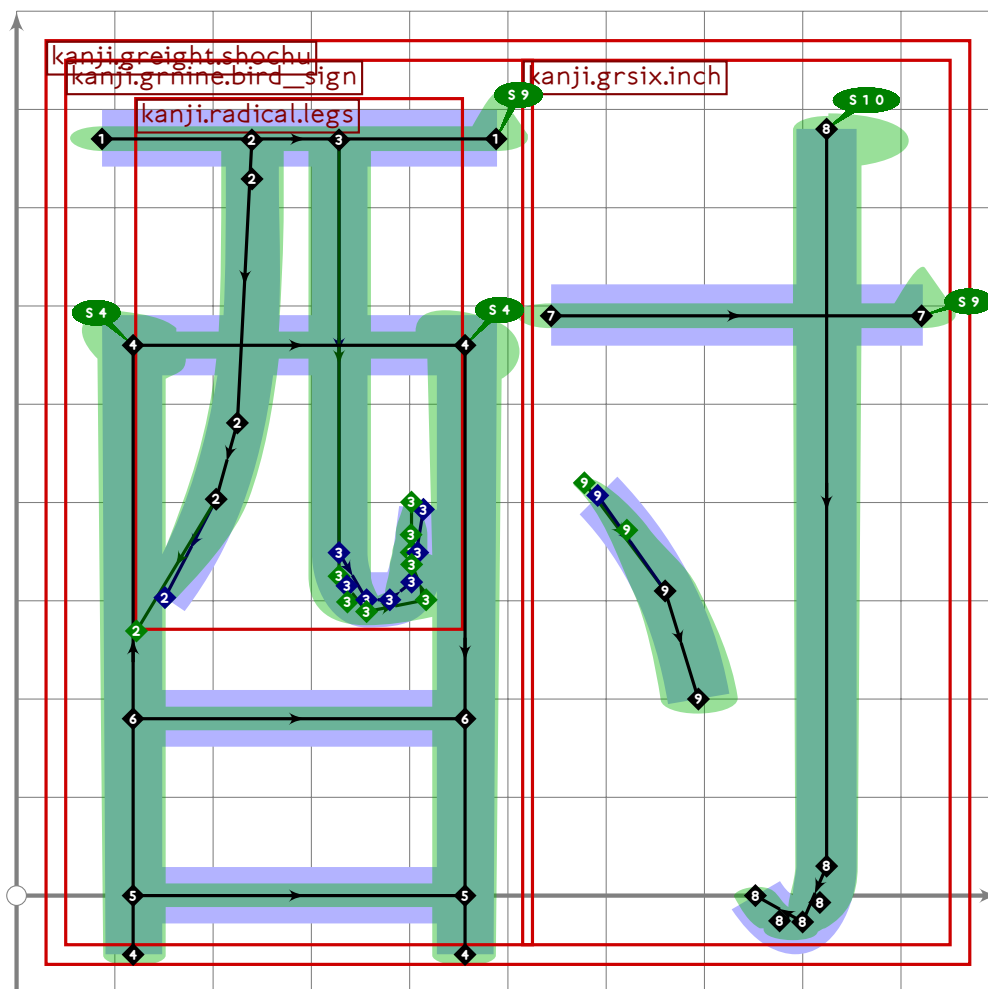
```



```

77
78 vardef kanji.greight.bartending =
79   push_pbox_toexpand("kanji.greight.bartending");
80   build_kanji.lr(520,0)
81     (kanji.grnine.bird_sign)
82     (kanji.grnine.ladle);
83   expand_pbox;
84 enddef;

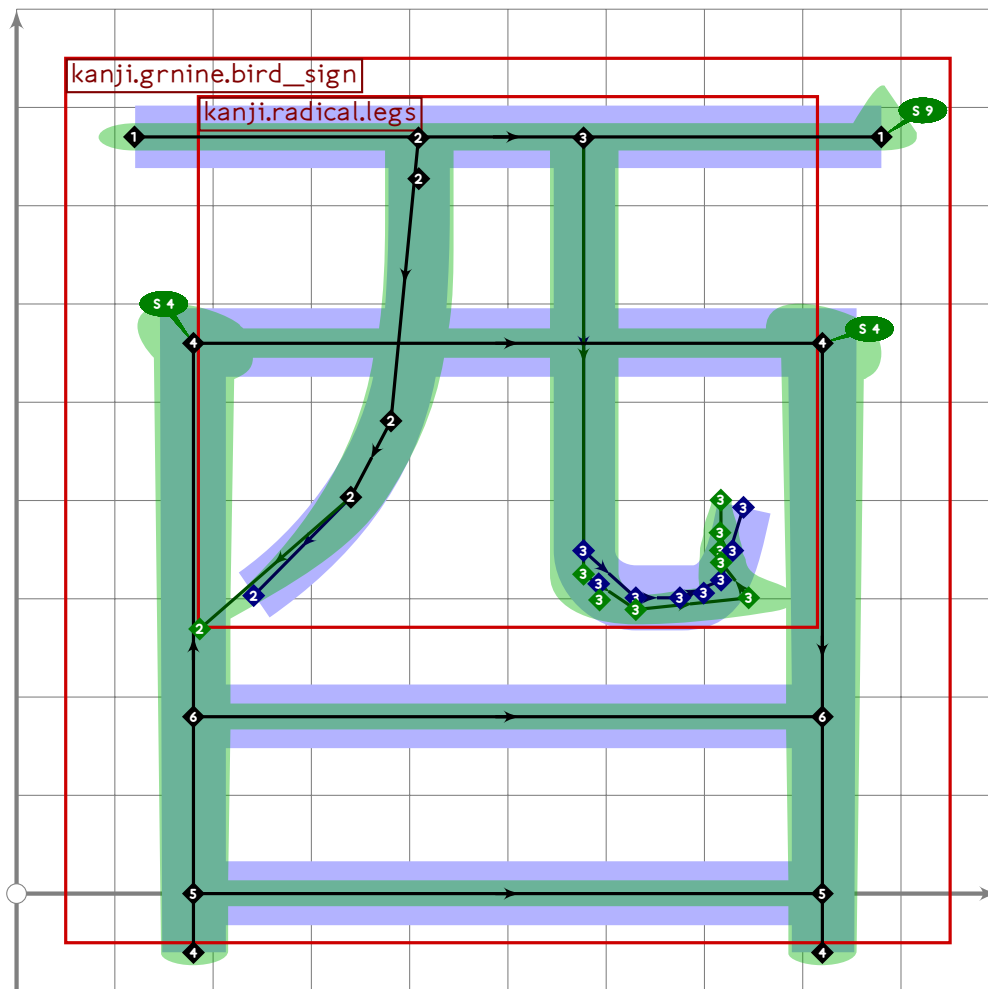
```



```

85
86 vardef kanji.greight.shochu =
87   push_pbox_toexpand("kanji.greight.shochu");
88   build_kanji.lr(520,10)
89     (kanji.grnine.bird_sign)
90     (kanji.grsix.inch);
91   expand_pbox;
92 enddef;
93
94

```



```

95
96 vardef kanji.grnine.bird_sign =
97   push_pbox_toexpand("kanji.grnine.bird_sign");
98   build_kanji.thickness(0.93)(
99     push_stroke((120,770)–(880,770),(1.6,1.6)–(1.6,1.6));
100     set_boserif(0,19);
101     build_kanji.sscale(xyscaled (0.7,0.6) shifted (0,145))
102       (kanji.radical.legs);
103     build_kanji.box((180,560),(820,0));
104     push_stroke((180,180)–(820,180),(1.5,1.5)–(1.5,1.5));
105   expand_pbox;
106 enddef;

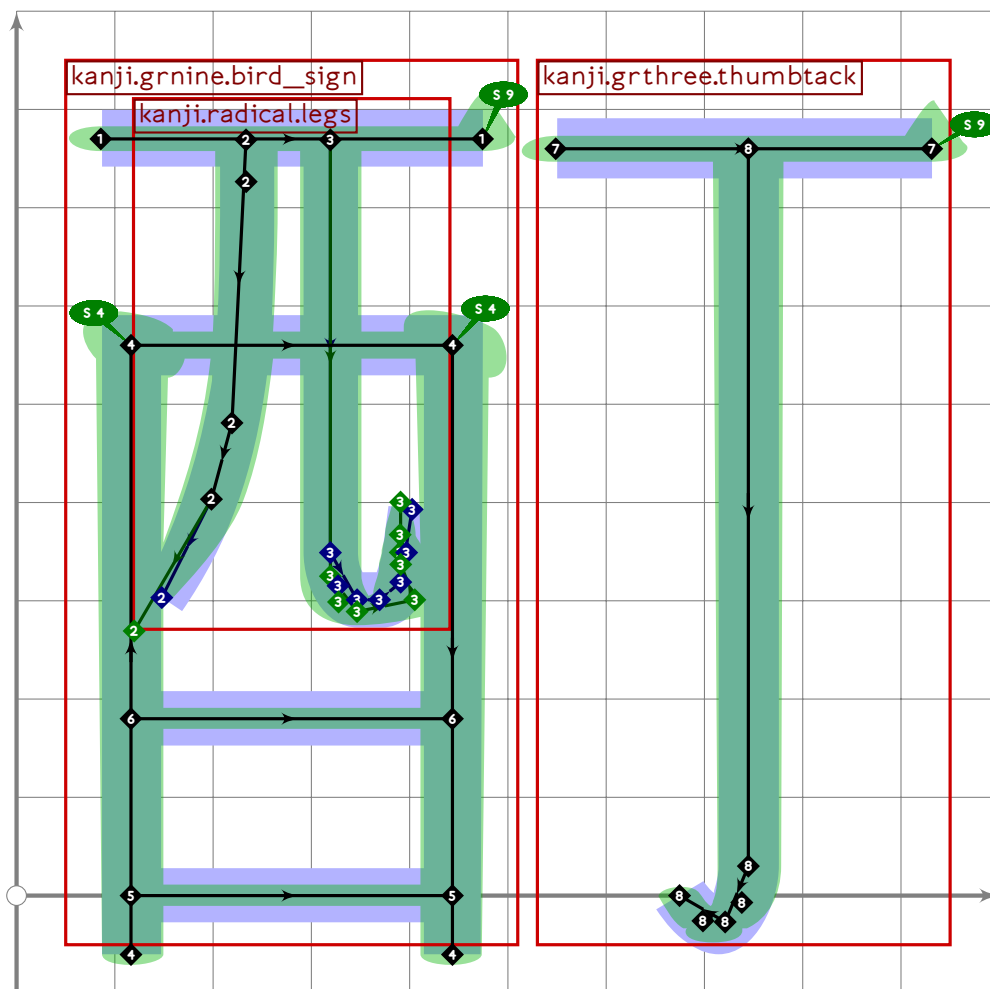
```

```

107
108
109
110 % yuu/tori "sign of the bird" (or "sake radical")
111 begint Suglyph("uni9149";73);
112   kanji.grnine.bird_sign;
113   tsu_render;
114 endtsuglyph;
115

```

[see page 2601]



```

116 % extra "intoxication"
117 begintsuglyph("uni914A";74);
118   build_kanji.lr(520;-20)
119     (kanji.grnine.bird_sign)
120     (kanji.grthree.thumbtack);
121   tsu_render;
122 endtsuglyph;

```

```

123
124 % shaku/ku "bartending"
125 begintsuglyph("uni914C";76);
126   kanji.greight.bartending;
127   tsu_render;
128 endtsuglyph;

```

[see page 2599]

```

129
130 % hai/kuba "distribute"
131 begintsuglyph("uni914D";77);
132   kanji.grthree.distribute;
133   tsu_render;
134 endtsuglyph;

```

[see page 2598]

```

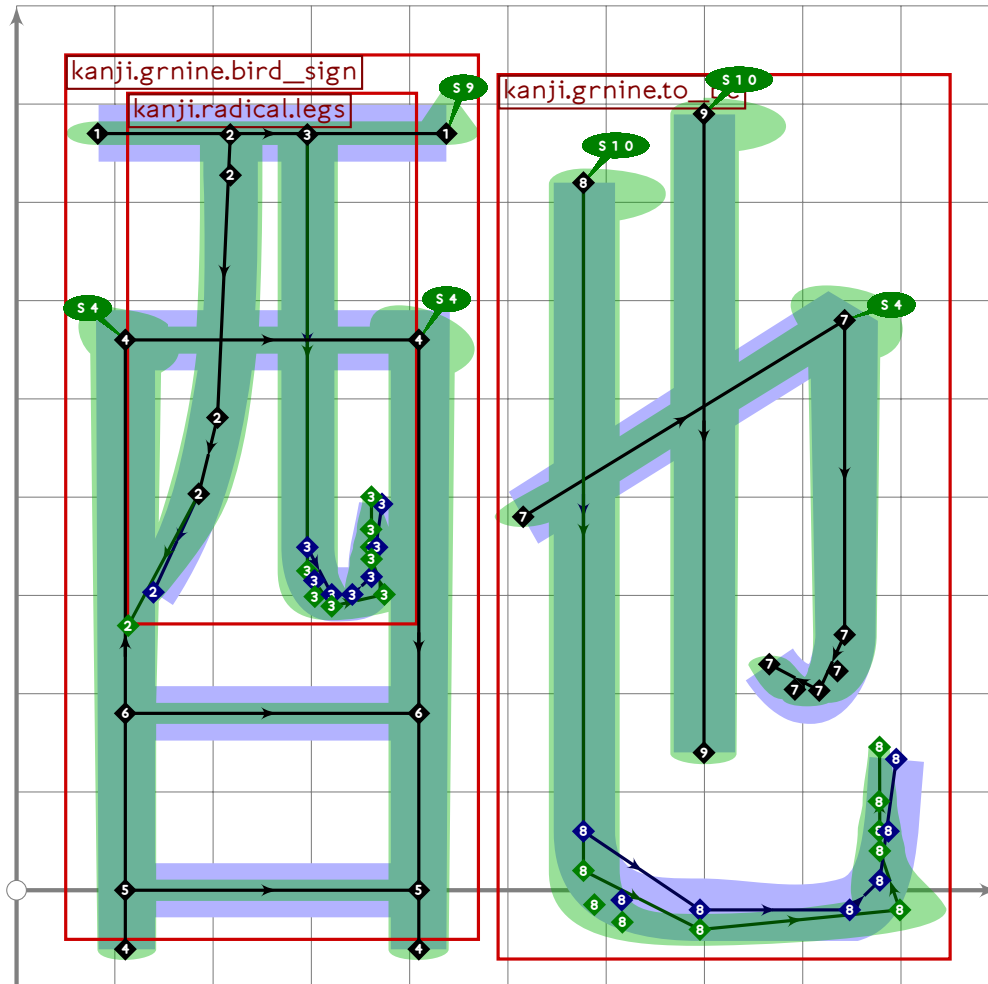
135
136 % chu/kamo "shochu" (chuu as in chuu-hai)

```



[see page 2600]

```
137 begintsuglyph("uni914E";78);
138   kanji.greight.shochu;
139   tsu_render;
140 endtsuglyph;
141
```

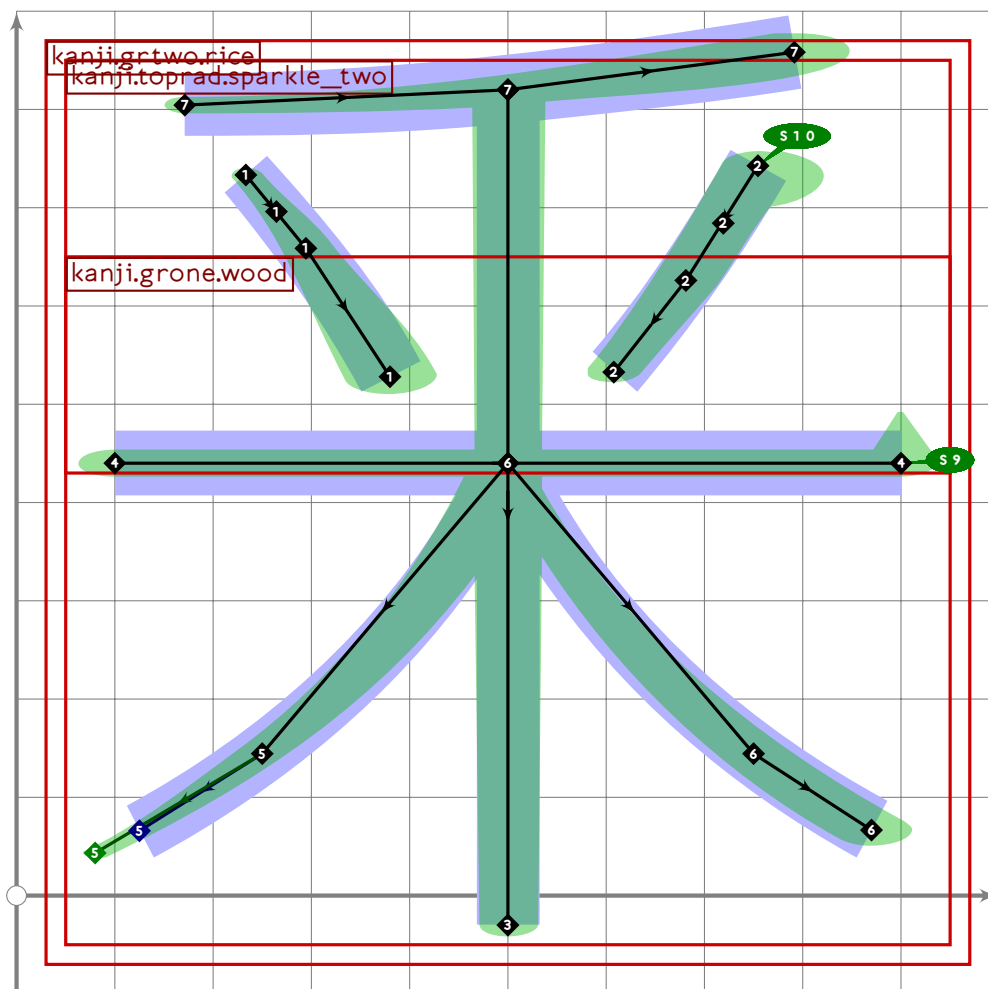


```
142 % extra
143 begintsuglyph("uni914F";79);
144   build_kanji.lr(480;-20)
145     (kanji.grnine.bird_sign)
146     (tsu_xform(identity shifted (0,-20))(kanji.grnine.to_be));
147   tsu_render;
148 endtsuglyph;
149
150 % shu/sake "alcoholic drink"
151 begintsuglyph("uni9152";82);
152   kanji.grthree.alcohol;
153   tsu_render;
154 endtsuglyph;
155
```

[see page 2597]

U+91C6  
tsuku.uni91C6

91



156 % han/irodori "separate" or "divide" but mostly "topped rice radical"

157 begintsuglyph("uni91C6";198);

158 build\_kanji.add\_beret(kanji.grtwo.rice);

159 tsu\_render;

160 endtsuglyph;

161

162 % ri/sato, multiple meanings including 3.929km and "neighbourhood"

163 begintsuglyph("uni91CC";204);

[see page 525]

164 kanji.grtwo.neighbourhood;

165 tsu\_render;

166 endtsuglyph;

167

168 % shuu/e "heap big"

169 begintsuglyph("uni91CD";205);

[see page 569]

170 kanji.grthree.heap\_big;

171 tsu\_render;

172 endtsuglyph;

173

174 % ya/no "field"

175 begintsuglyph("uni91CE";206);

[see page 2596]

176 kanji.grtwo.plains;

```
177  tsu_render;
178  endtsuglyph;
179
180  % kane/kin "gold"
181  begintsuglyph("uni91D1";209); [see page 435]
182  kanji.grone.gold;
183  tsu_render;
184  endtsuglyph;
185
186  _____
187
188  endfont;
189
190  _____
```

# tsuku-92.mp

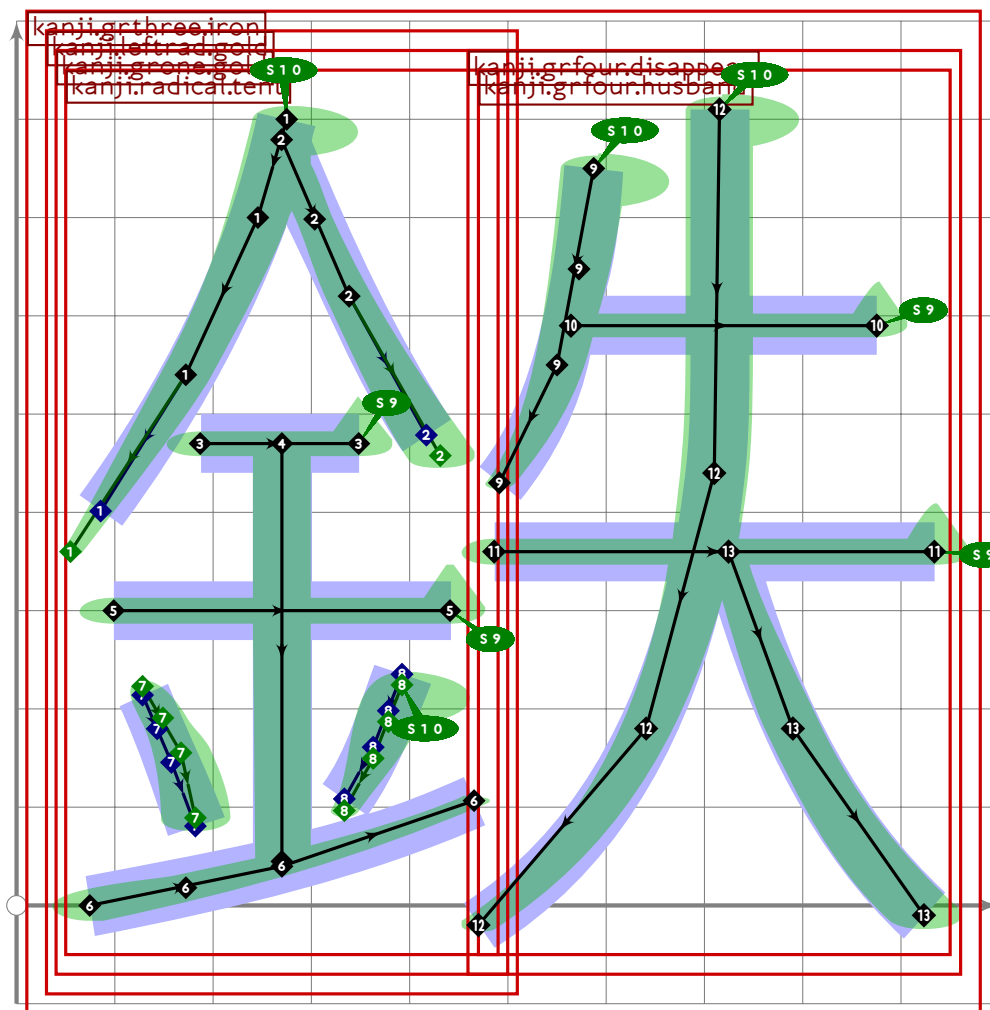
```
1 %
2 % Unicode page 92 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

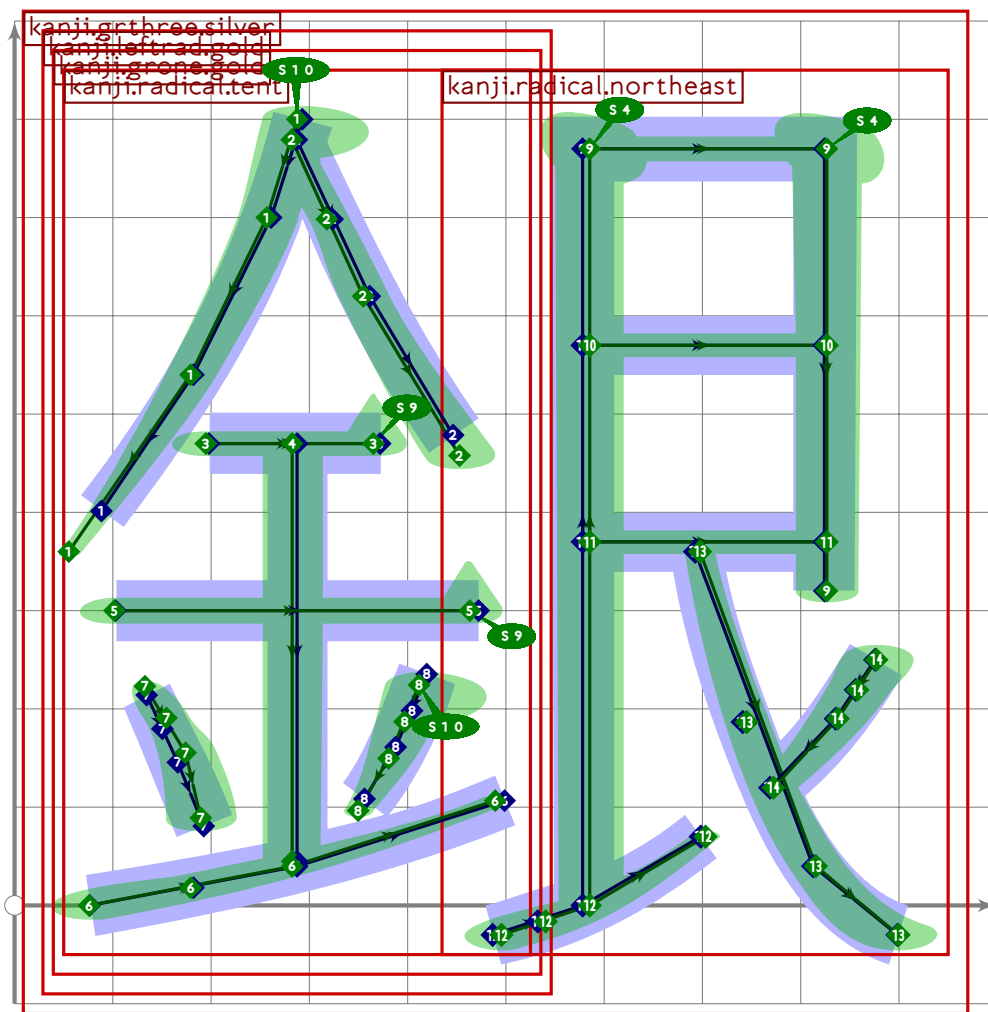

```



```

45
46 vardef kanji.grthree.iron =
47   push_pbox_toexpand("kanji.grthree.iron");
48   build_kanji.level(build_kanji.lr(480,20)
49     (kanji.leftrad.gold)
50     (kanji.grfour.disappear));
51   expand_pbox;
52 enddef;

```



```

53
54 vardef kanji.grthree.silver =
55   push_pbox_toexpand("kanji.grthree.silver");
56   build_kanji.level(build_kanji.lr(480,90-20*mincho)
57     (kanji.leftrad.gold)
58     (kanji.radical.northeast));
59   expand_pbox;
60 enddef;
61
62
63
64 % tetsu/kurogane "iron"
65 begintsuglyph("uni9244";68);
66   kanji.grthree.iron;
67   tsu_render;
68 endtsuglyph;
69
70 % gin/shirogane "silver"
71 begintsuglyph("uni9280";128);
72   kanji.grthree.silver;
73   tsu_render;

```

[see page 2607]

[see page 2608]

74 endtsuglyph;

75

76

---

77

78 endfont;

79

80

---

# tsuku-93.mp

```
1 %
2 % Unicode page 93 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

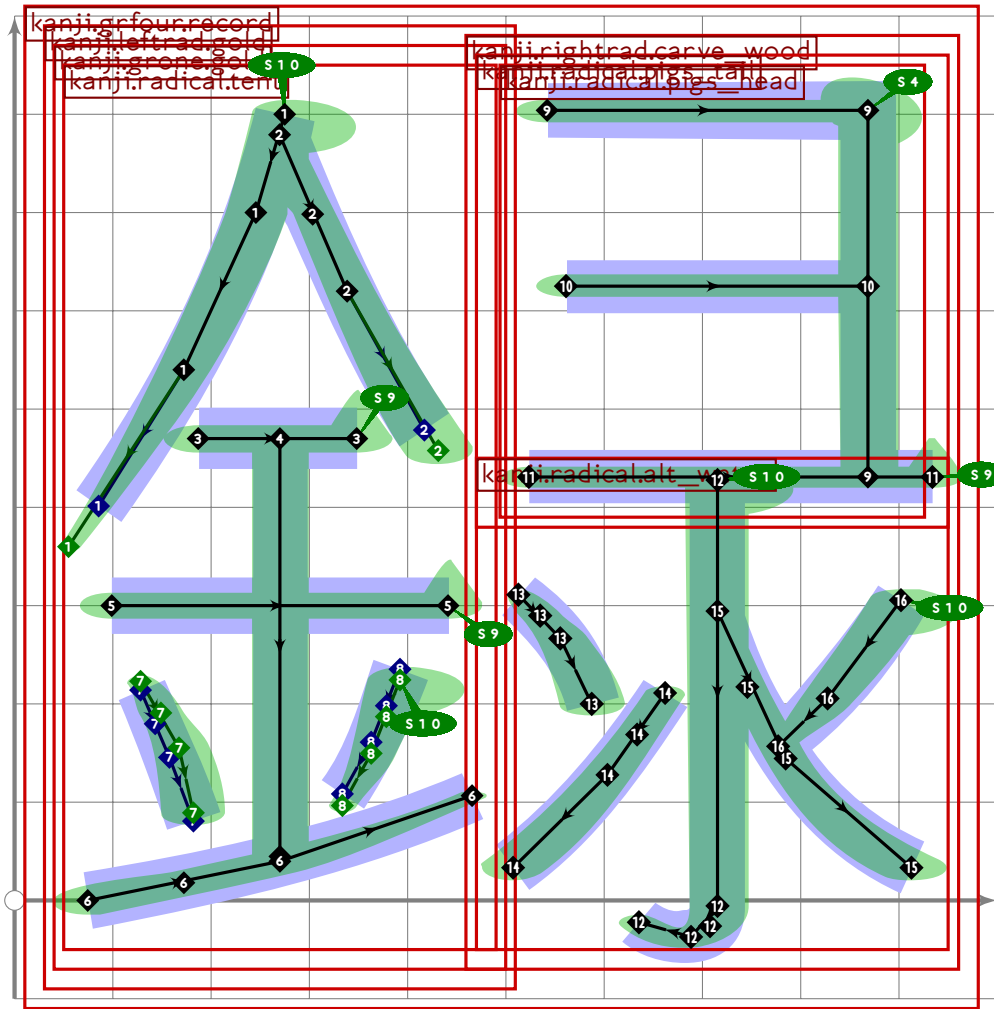
---


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

---


```





```

45
46 vardef kanji.grfour.record =
47   push_pbox_toexpand("kanji.grfour.record");
48   build_kanji.lr(480,20)
49     (kanji.leftrad.gold)
50     (kanji.rightrad.carve_wood);
51   expand_pbox;
52 enddef;
53
54
55
56 % roku/shiru "record"
57 begintsuglyph("uni9332";50);
58   kanji.grfour.record;
59   tsu_render;
60 endtsuglyph;
61
62
63
64 endfont;
65

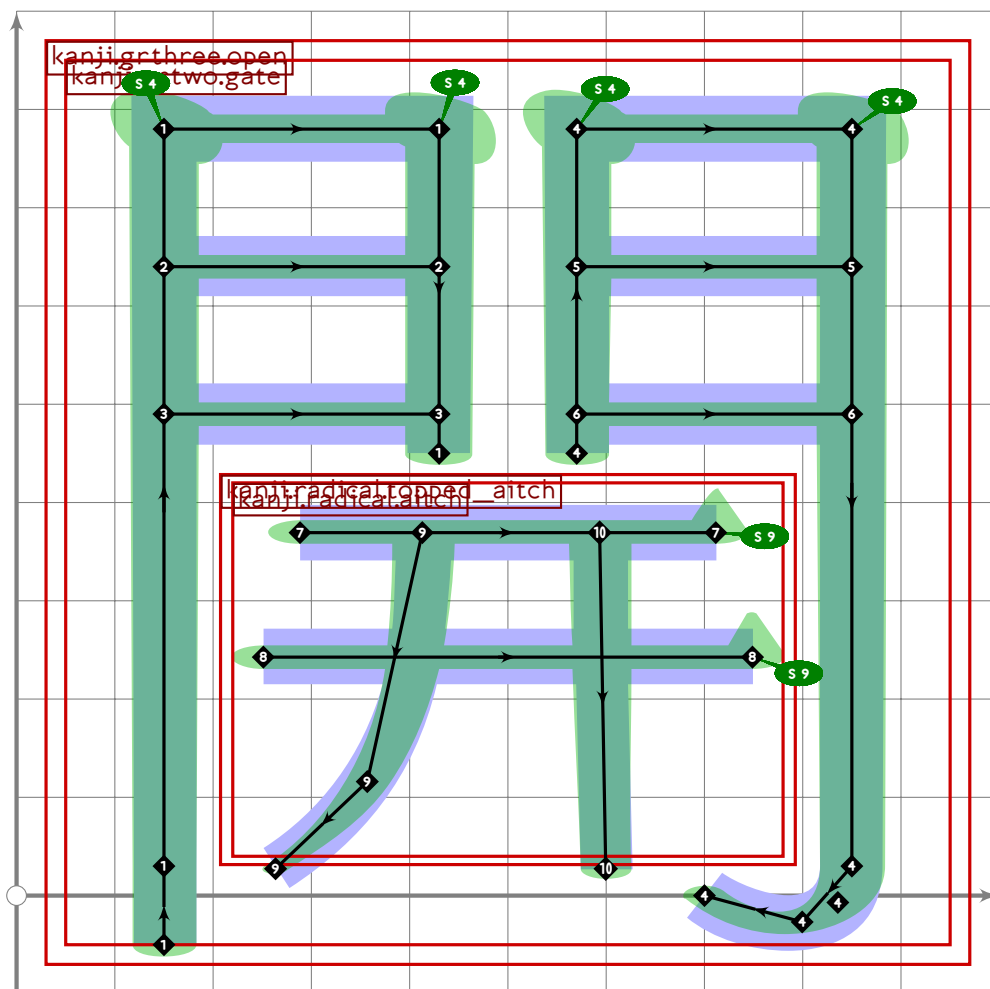
```

[see page 2611]



# tsuku-95.mp

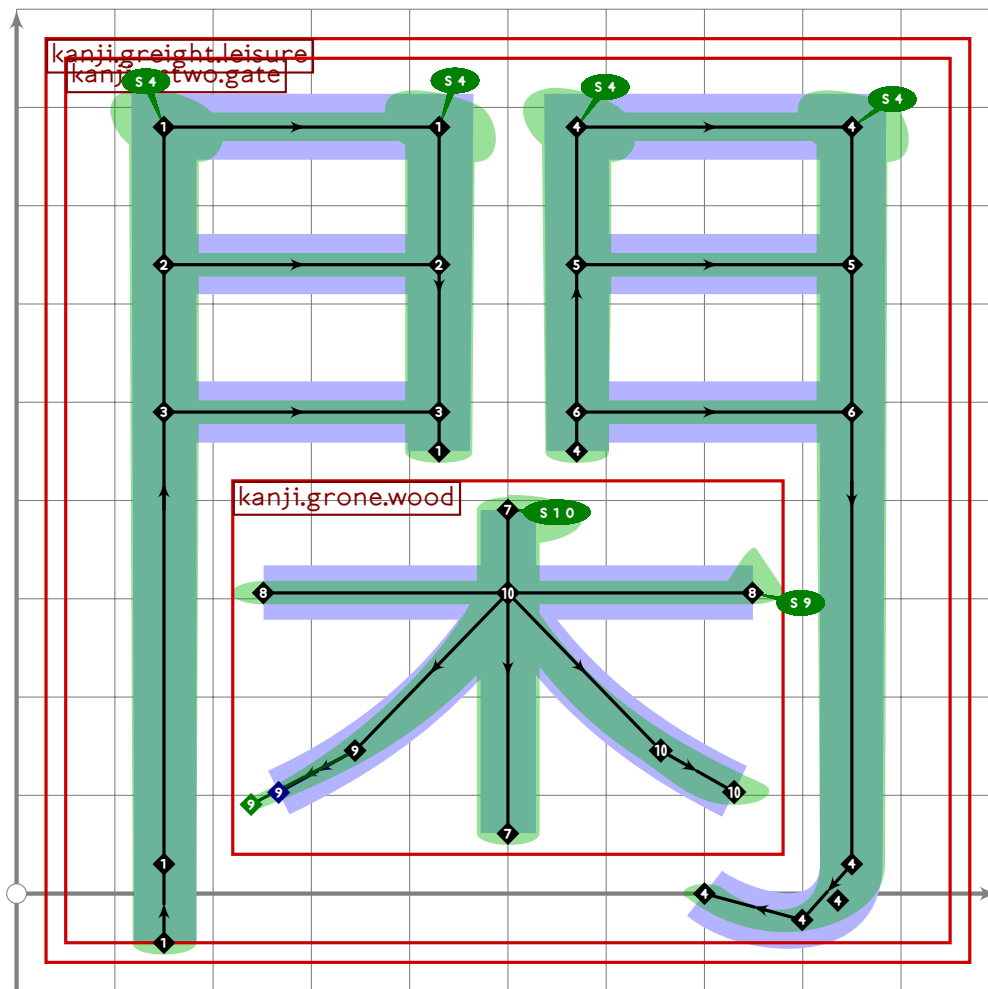
```
1 %
2 % Unicode page 95 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradenine.mp;
38 input gradeone.mp;
39 input gradesix.mp;
40 input gradethree.mp;
41 input gradetwo.mp;
42 input radical.mp;
43
44 do_late_includes;
45
46
```



```

47
48 vardef kanji.grthree.open =
49   push_pbox_toexpand("kanji.grthree.open");
50   build_kanji.gate_enclose(kanji.radical.topped_aitch);
51   expand_pbox;
52 enddef;
53
54

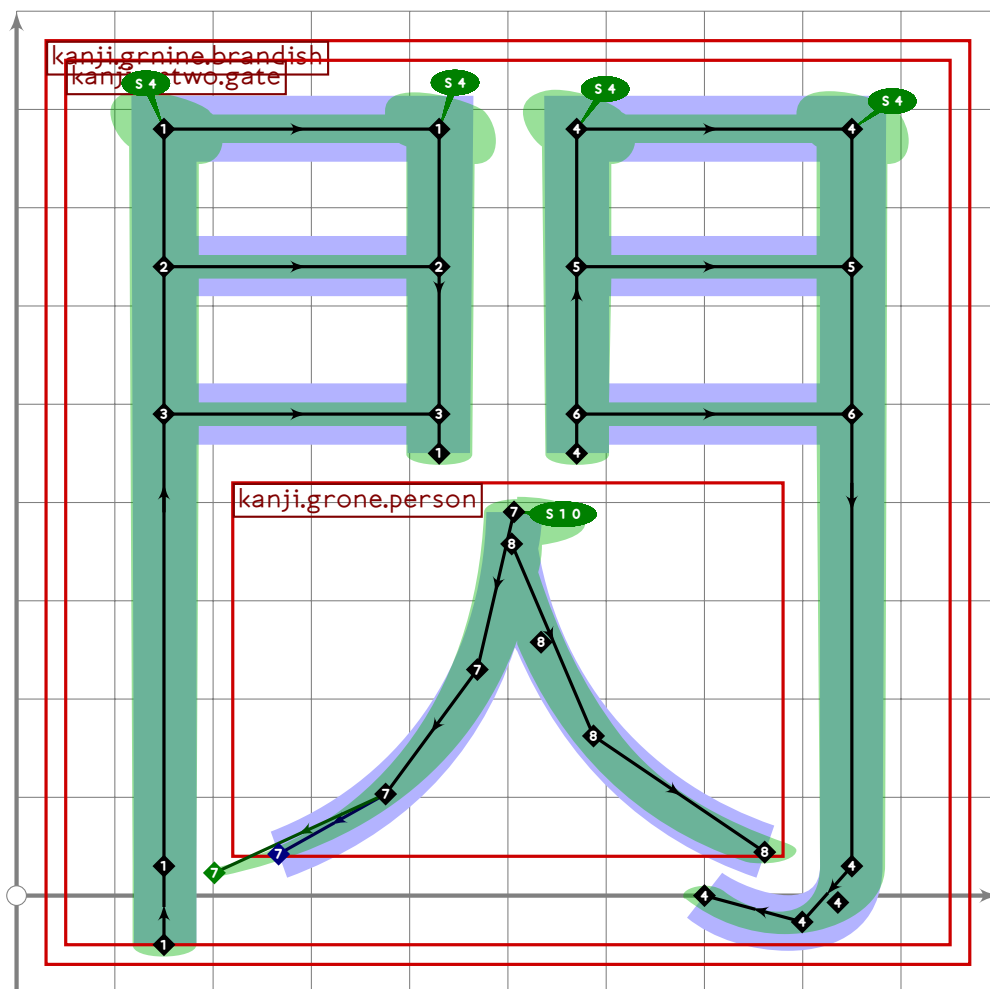
```



```

55
56 vardef kanji.greight.leisure =
57   push_pbox_toexpand("kanji.greight.leisure");
58   build_kanji.gate_enclose(kanji.grone.wood);
59   expand_pbox;
60 enddef;
61
62

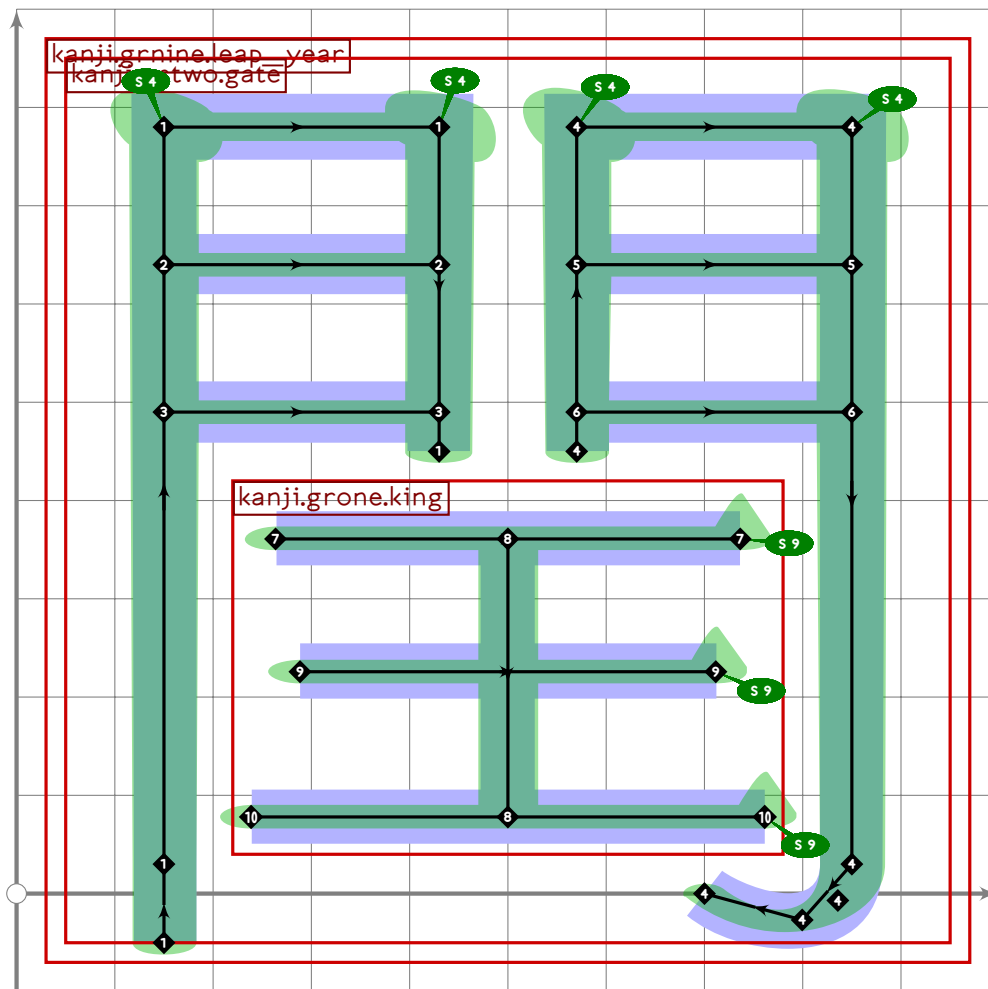
```



```

63
64 vardef kanji.grnine.brandish =
65   push_pbox_toexpand("kanji.grnine.brandish");
66   build_kanji.gate_enclose(kanji.grone.person);
67   expand_pbox;
68 enddef;

```



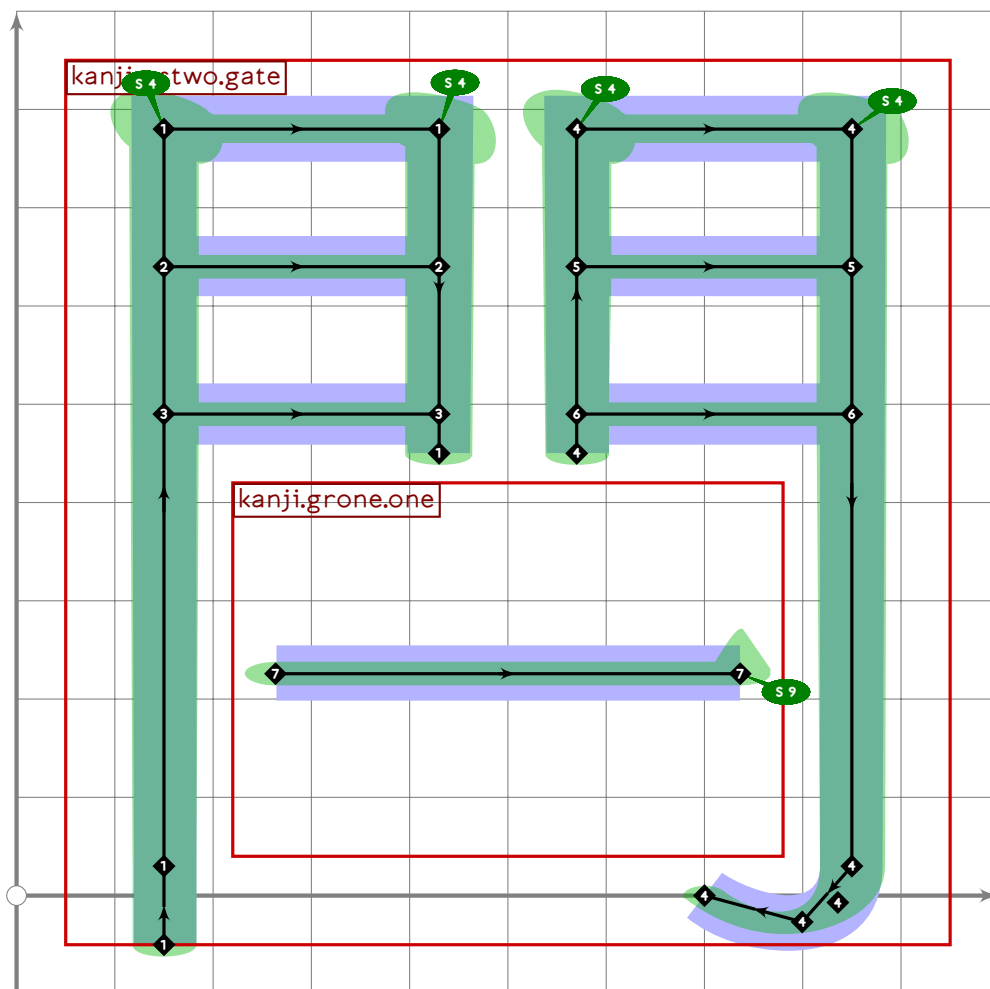
```

69
70 vardef kanji.grnine.leap_year =
71   push_pbox_toexpand("kanji.grnine.leap_year");
72   build_kanji.gate_enclose(kanji.grone.king);
73   expand_pbox;
74 enddef;
75
76
77
78 % chou/naga "long"
79 begintsuglyph("uni9577";119);
80   kanji.grtwo.long;
81   tsu_render;
82 endtsuglyph;
83
84 % mon/kado "gate"
85 begintsuglyph("uni9580";128);
86   kanji.grtwo.gate;
87   tsu_render;
88 endtsuglyph;
89

```

[see page 514]

[see page 502]



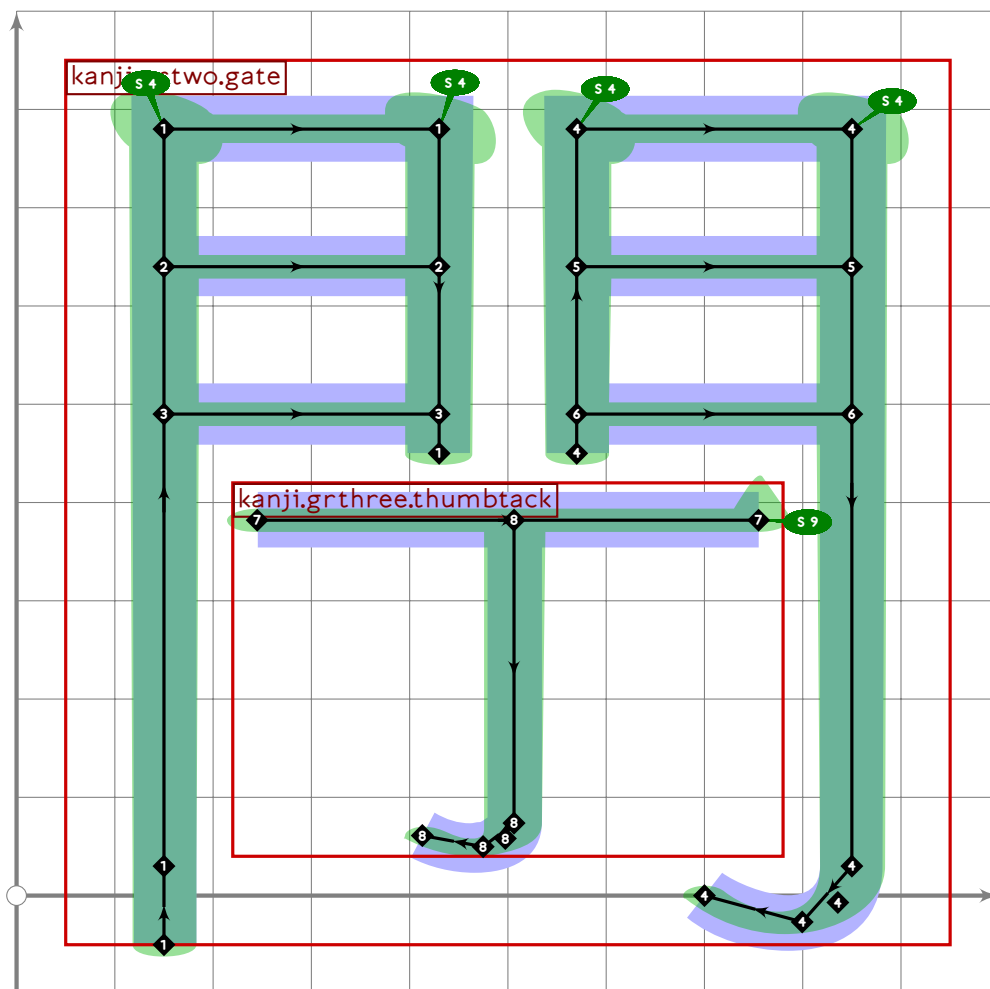
```

90 % extra
91 begintsuglyph("uni9582";130);
92   build_kanji.gate_enclose(kanji.grone.one);
93   tsu_render;
94 endtsuglyph;
95
96 % sen/hirame "brandish"
97 begintsuglyph("uni9583";131);
98   kanji.grnine.brandish;
99   tsu_render;
100 endtsuglyph;
101

```

[see page 2616]



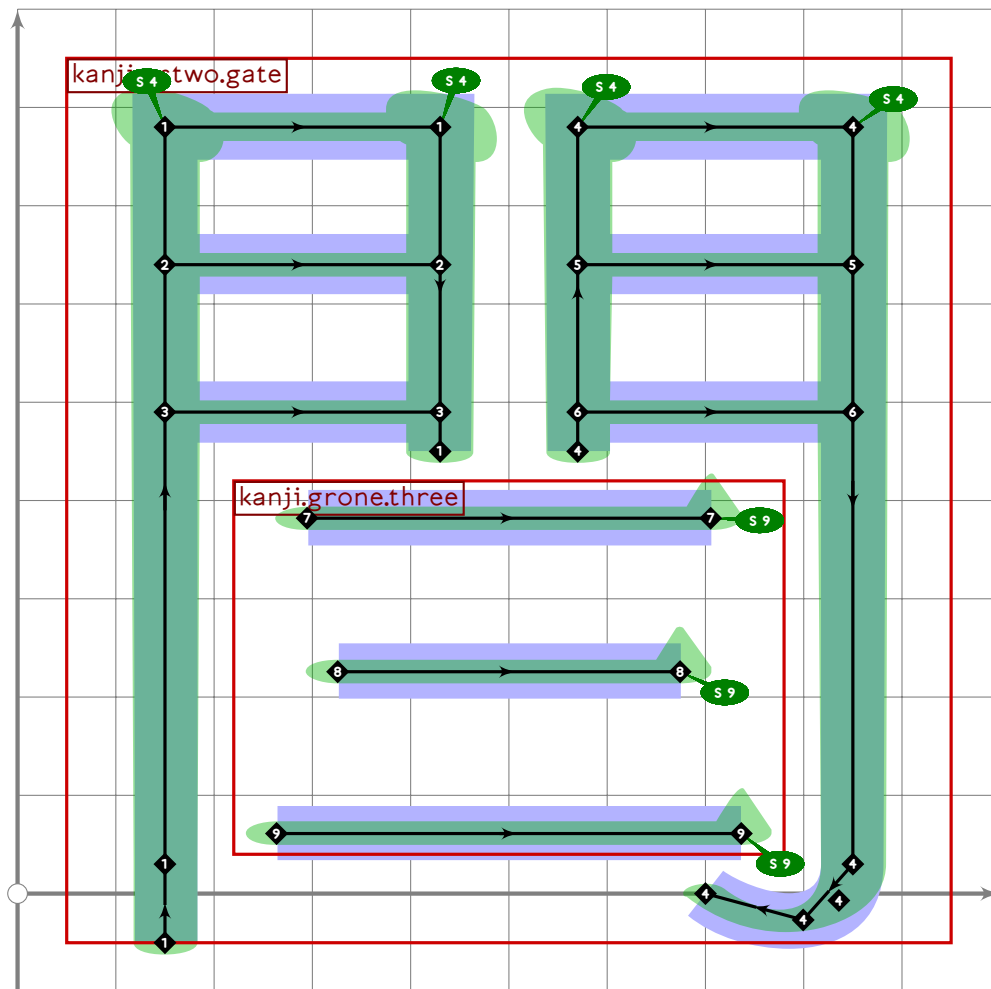


```

102 % extra
103 beginsuglyph("uni9585";133);
104   build_kanji.gate_enclose(kanji.grthree.thumbtack);
105   tsu_render;
106 endsuglyph;
107

```

U+9586  
tsuku.uni9586

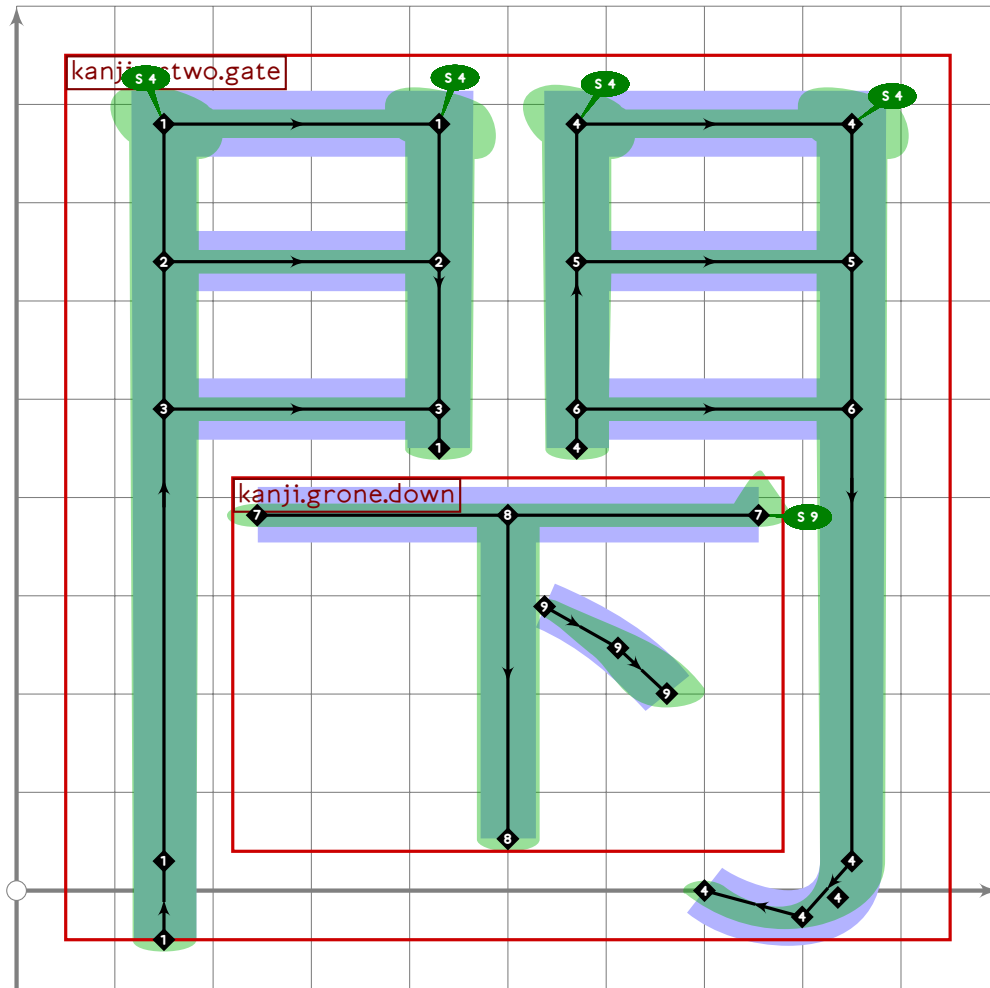


95

```

108 % extra
109 begintsuglyph("uni9586",134);
110   build_kanji.gate_enclose(kanji.grone.three);
111   tsu_render;
112 endtsuglyph;
113

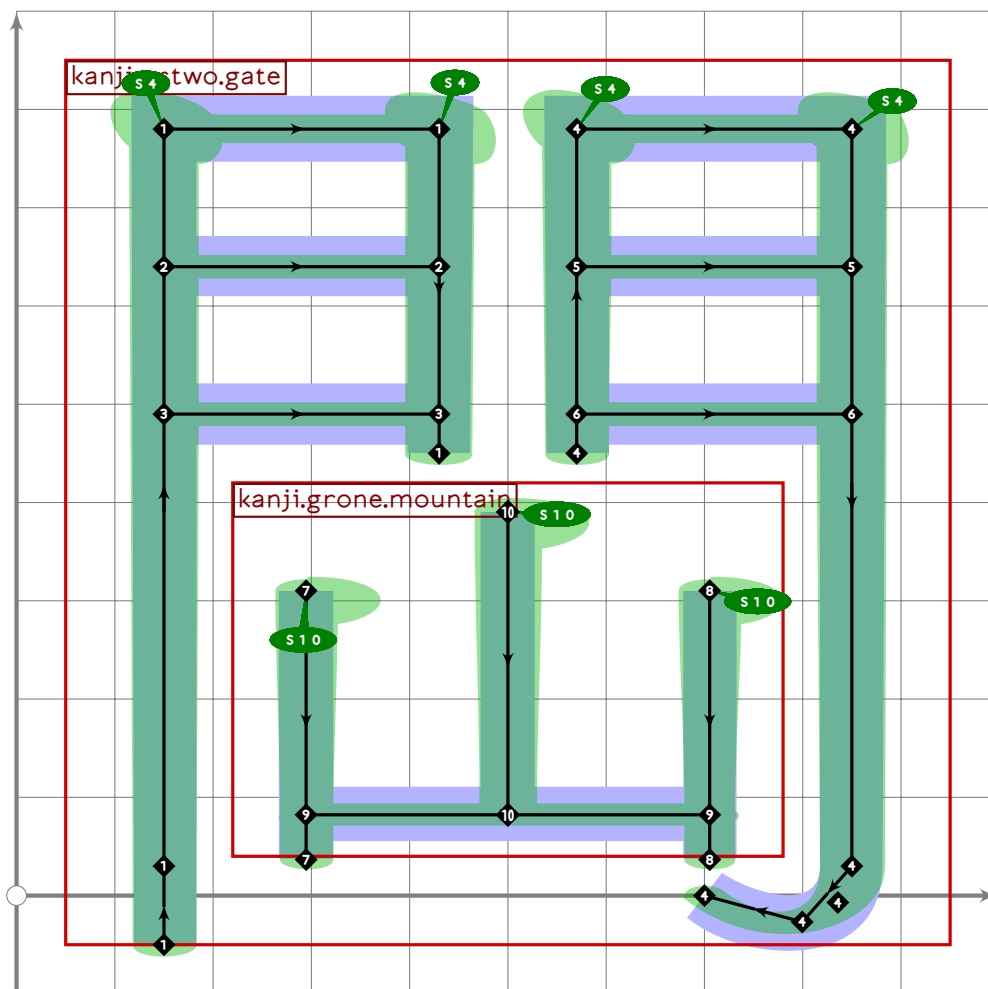
```



```

114 % hei/to "block up"
115 begintsuglyph("uni9587";135);
116   build_kanji.gate_enclose(kanji.grone.down);
117   tsu_render;
118 endtsuglyph;
119

```



```

120 % tsuka "choke"
121 begintsuglyph("uni958A";138);
122   build_kanji.gate_enclose(kanji.grone.mountain);
123   tsu_render;
124 endtsuglyph;
125
126 % kai/hira "open"
127 begintsuglyph("uni958B";139);
128   kanji.grthree.open;
129   tsu_render;
130 endtsuglyph;
131
132 % jun/uruu "leap year"
133 begintsuglyph("uni958F";143);
134   kanji.grnine.leap_year;
135   tsu_render;
136 endtsuglyph;
137
138 % kan/hima "leisure"
139 begintsuglyph("uni9591";145);
140   kanji.greight.leisure;

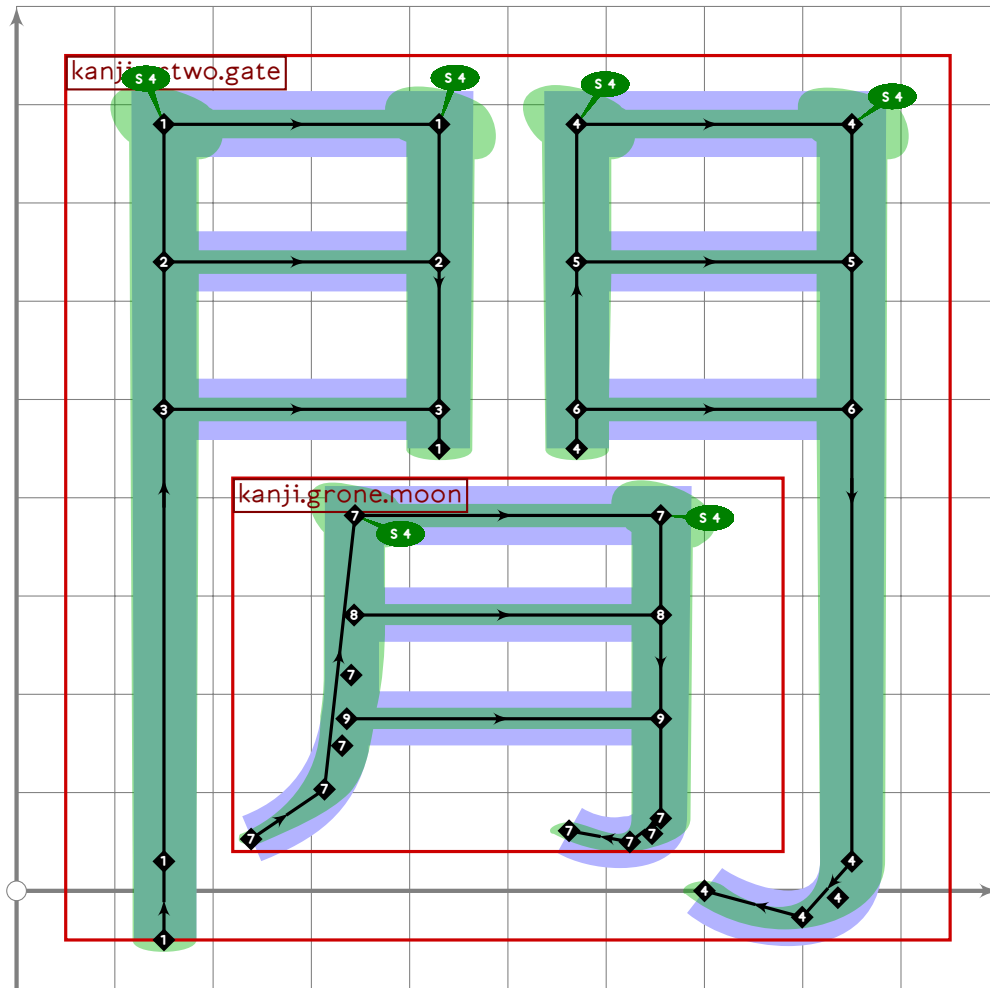
```

[see page 2614]

[see page 2617]

[see page 2615]

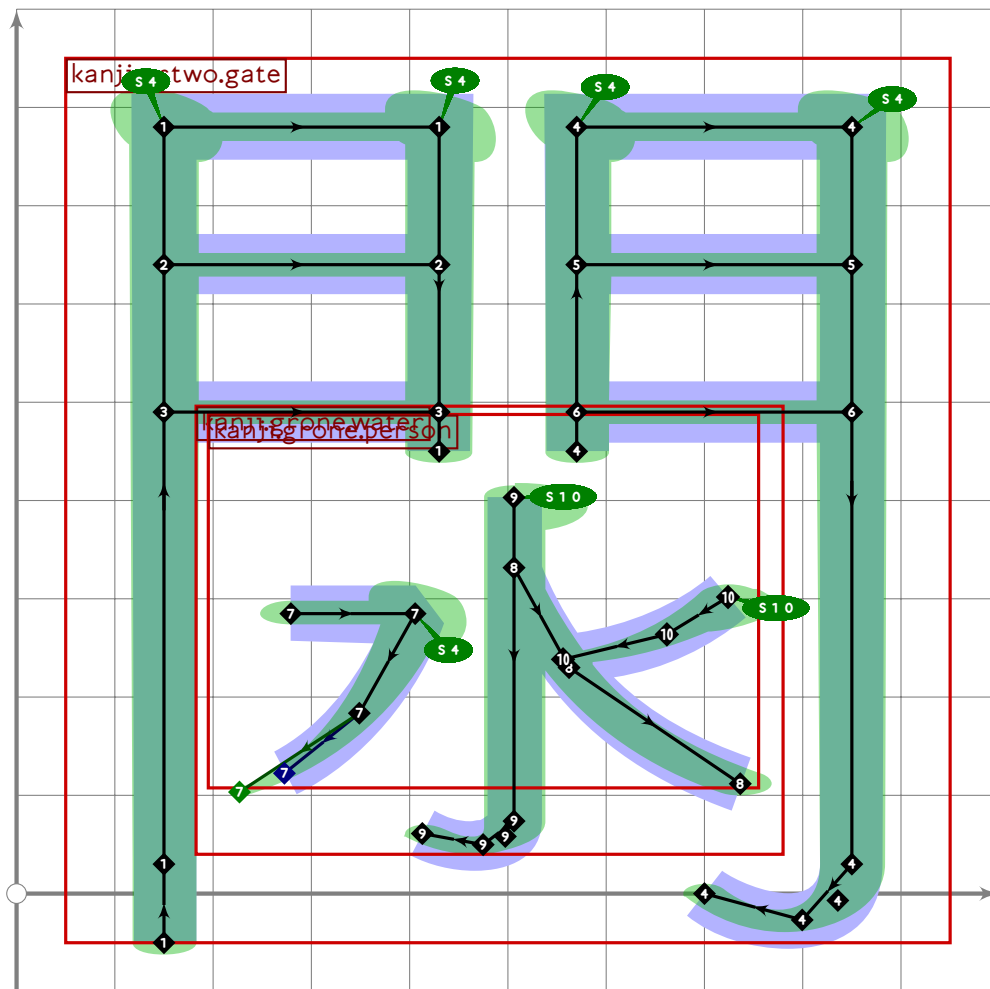
```
141 tsu_render;
142 endtsuglyph;
143
```



```
144 % extra
145 begintsuglyph("uni9592";146);
146 build_kanji.gate_enclose(kanji.grone.moon);
147 tsu_render;
148 endtsuglyph;
149
150 % kan/aida "interval"
151 begintsuglyph("uni9593";147);
152 kanji.grtwo.interval;
153 tsu_render;
154 endtsuglyph;
155
```

[see page 509]

U+9596  
tsuku.uni9596

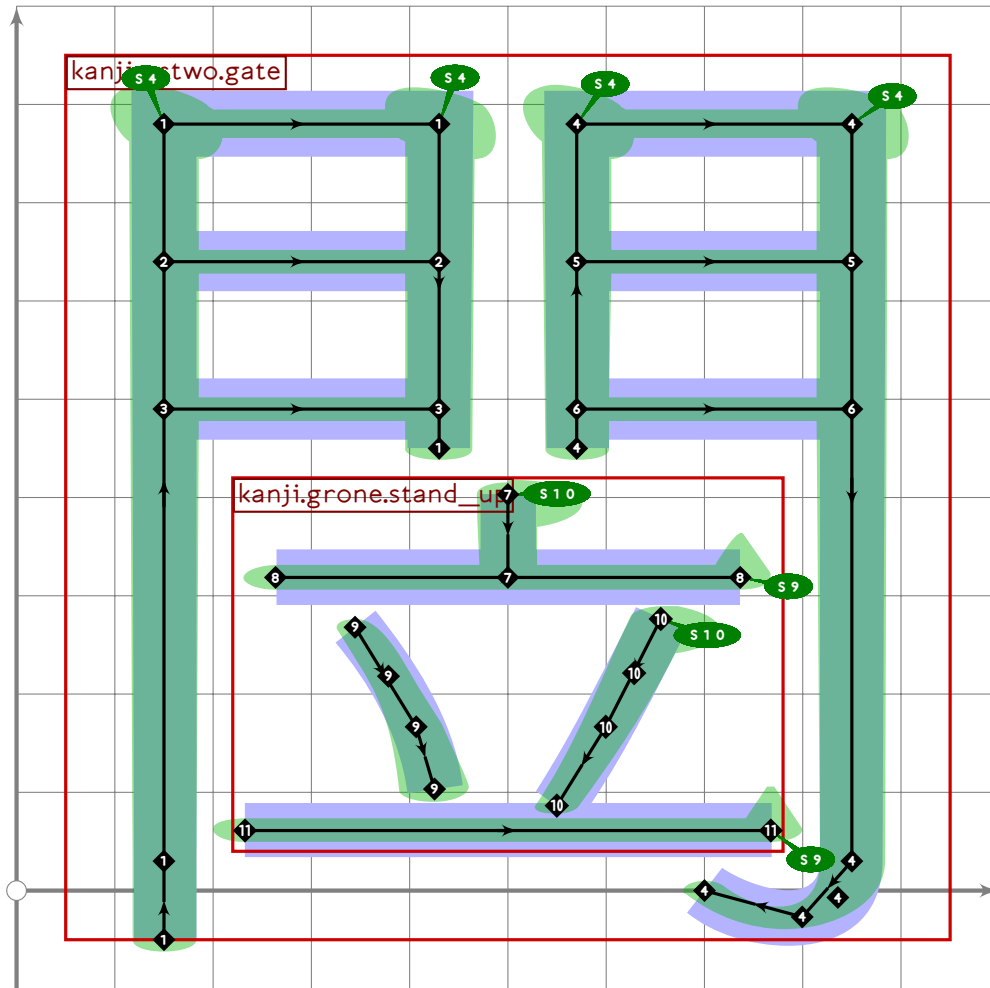


95

```

156 % extra
157 begintsuglyph("uni9596",150);
158   build_kanji.gate_enclose(kanji.grone.water);
159   tsu_render;
160 endtsuglyph;
161

```

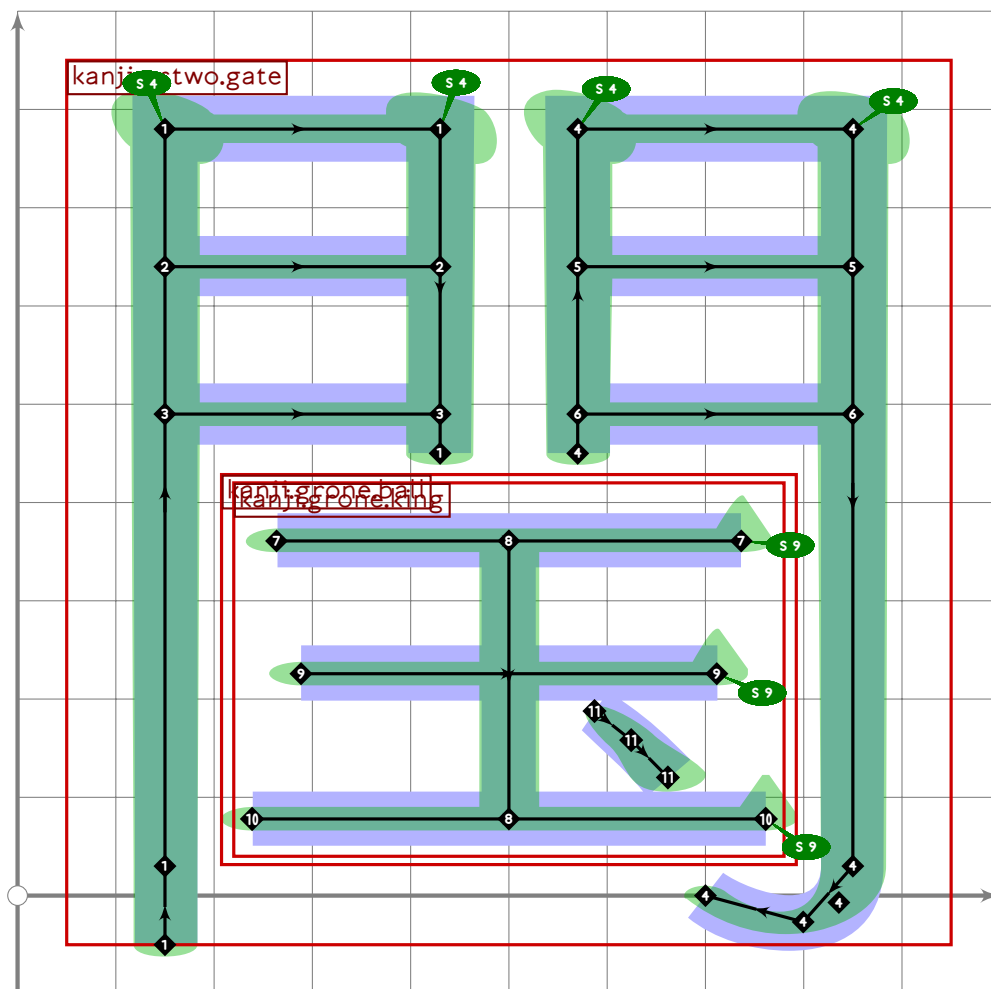


```

162 % extra
163 begintsuglyph("uni959A",154);
164   build_kanji.gate_enclose(kanji.grone.stand_up);
165   tsu_render;
166 endtsuglyph;
167

```

U+95A0  
tsuku.uni95A0



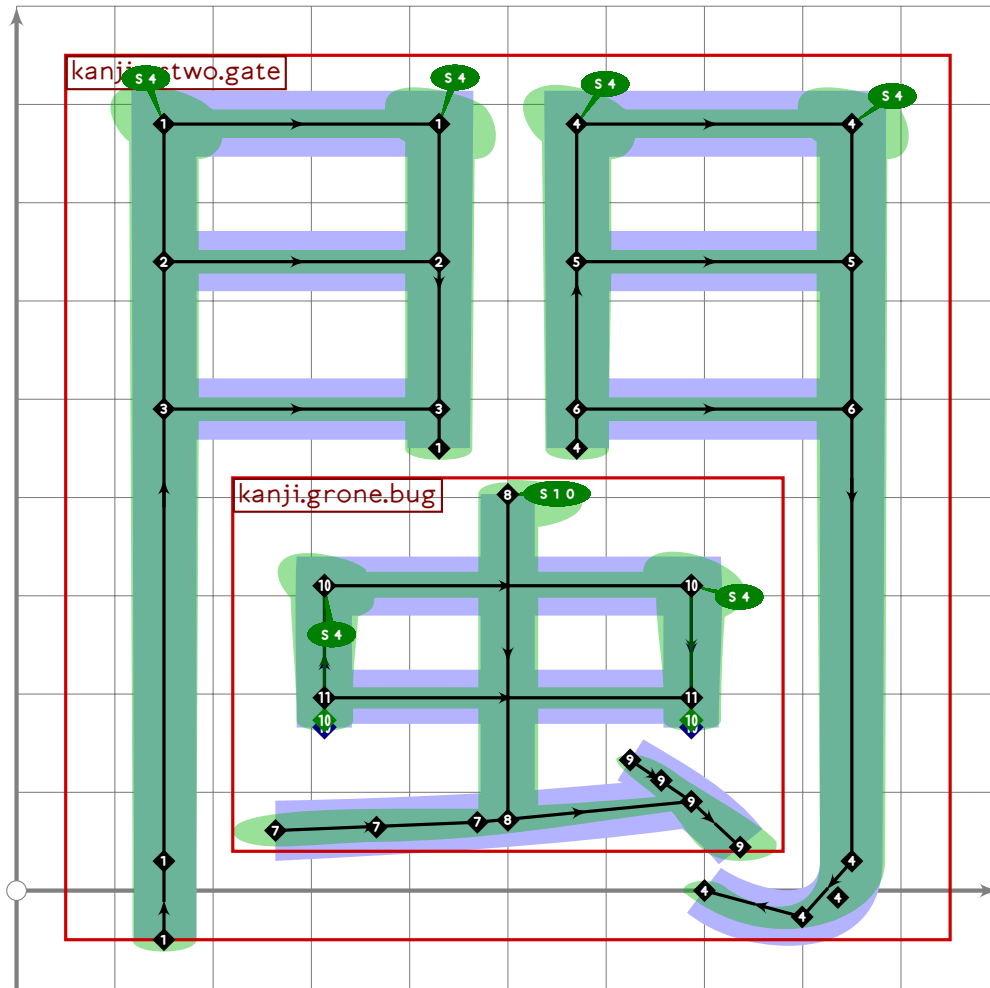
95

```

168 % extra
169 begintsuglyph("uni95A0";160);
170   build_kanji.gate_enclose(kanji.grone.ball);
171   tsu_render;
172 endtsuglyph;
173

```



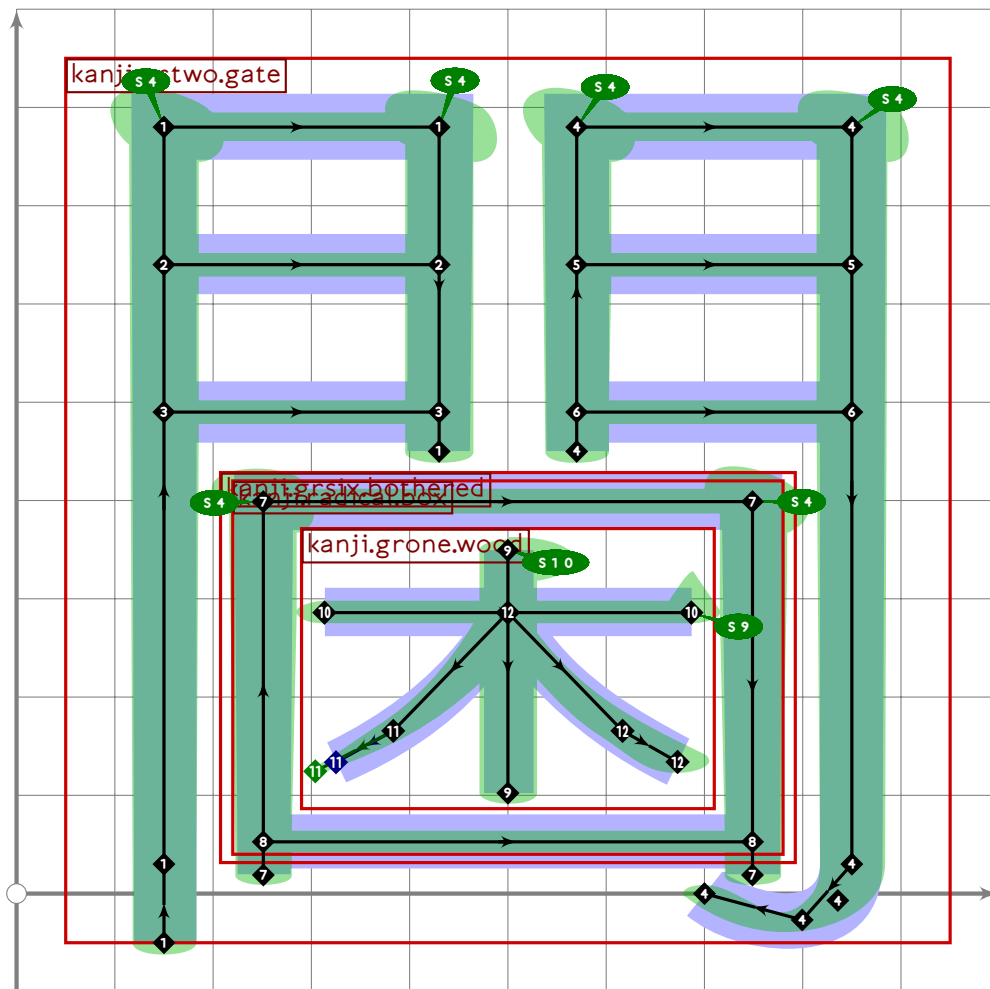


```

174 % extra
175 beginsuglyph("uni95A9";169);
176   build_kanji.gate_enclose(kanji.grone.bug);
177   tsu_render;
178 endsuglyph;
179

```

U+95AB  
tsuku.uni95AB

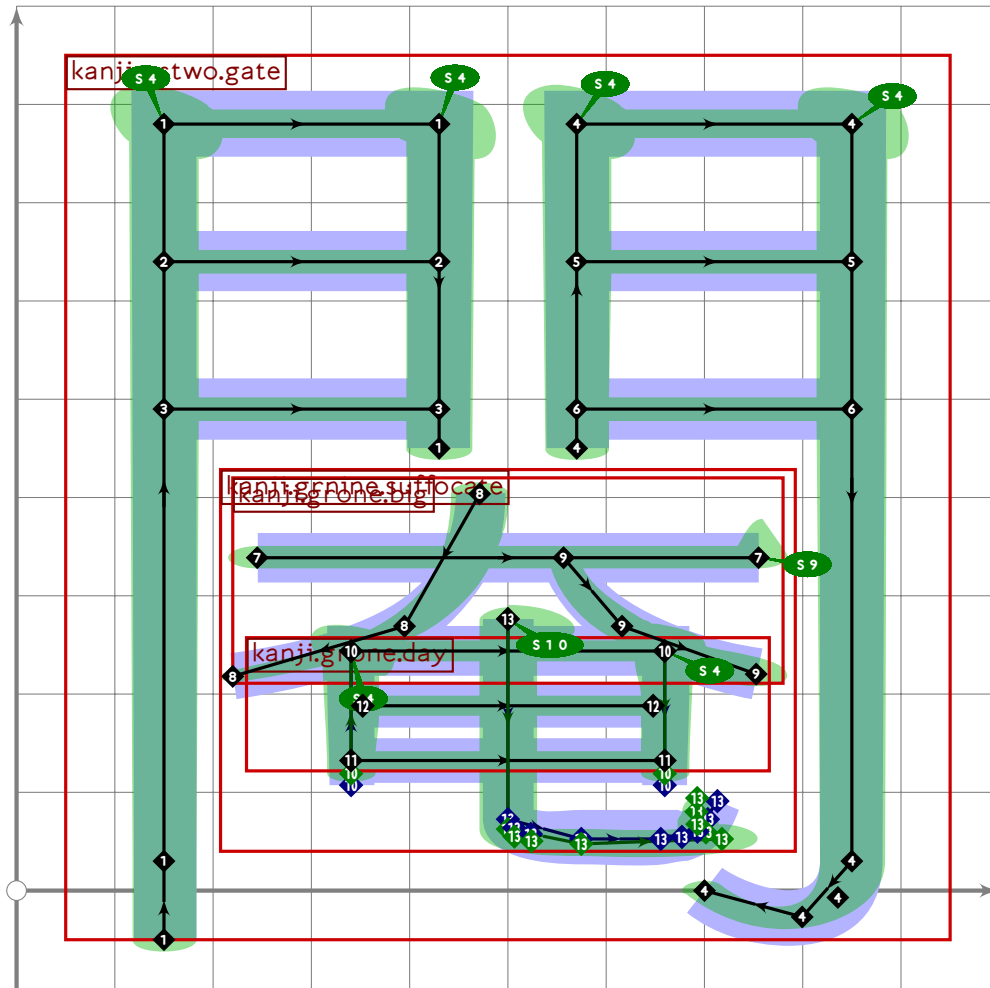


95

```

180 % extra
181 begintsuglyph("uni95AB";171);
182   build_kanji.gate_enclose(kanji.grsix.bothered);
183   tsu_render;
184 endtsuglyph;
185

```



```

186 % extra en/an/oo "eunuch"
187 begintsuglyph("uni95B9";185);
188   build_kanji.gate_enclose(kanji.grnine.suffocate);
189   tsu_render;
190 endtsuglyph;
191
192
193
194 endfont;
195
196

```

# tsuku-96.mp

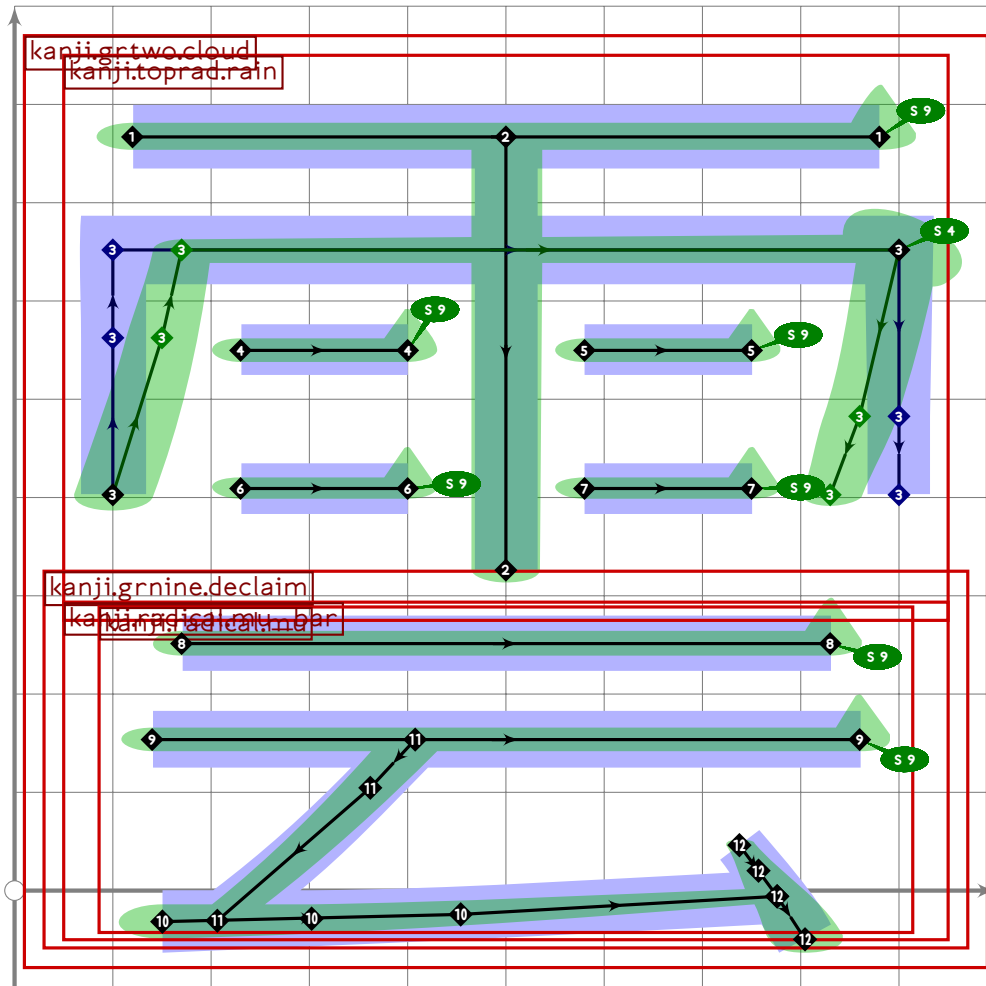
```
1 %
2 % Unicode page 96 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

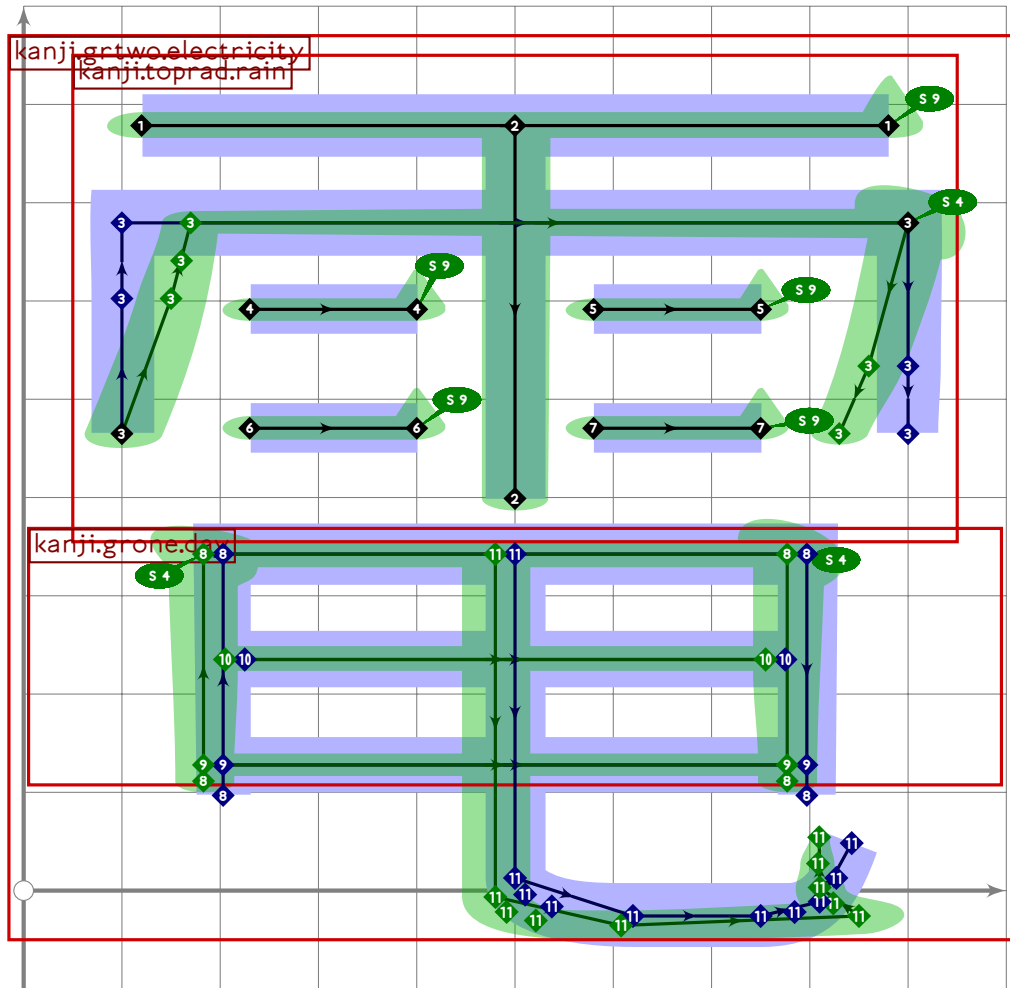

```



```

51
52 vardef kanji.grtwo.cloud =
53   push_pbox_toexpand("kanji.grtwo.cloud");
54   build_kanji.tb(300,50)
55     (kanji.toprad.rain)
56     (kanji.grnine.declaim);
57   expand_pbox;
58 enddef;

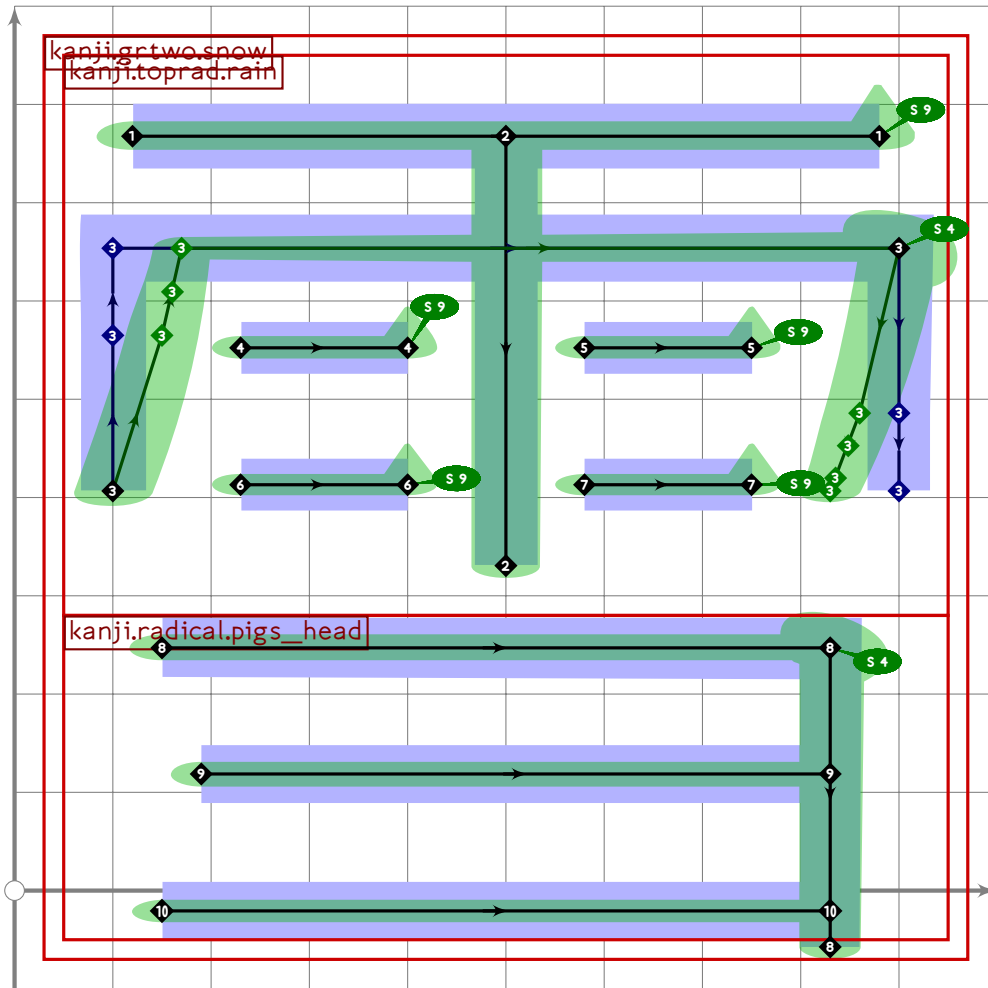
```



```

59
60 vardef kanji.grtwo.electricity =
61   push_pbox__toexpand("kanji.grtwo.electricity");
62   build_kanji.tb(370,30)
63     (kanji.toprad.rain)
64     (build_kanji.sscale(xyscaled (1,1,0.6) shifted (-20*mincho,150))
65       (kanji.grone.day);
66     push_stroke((point 1.5 of get_stroke(-2)),(1.6,1.6));
67     build_kanji.add_ltail(0));
68   expand_pbox;
69 enddef;

```

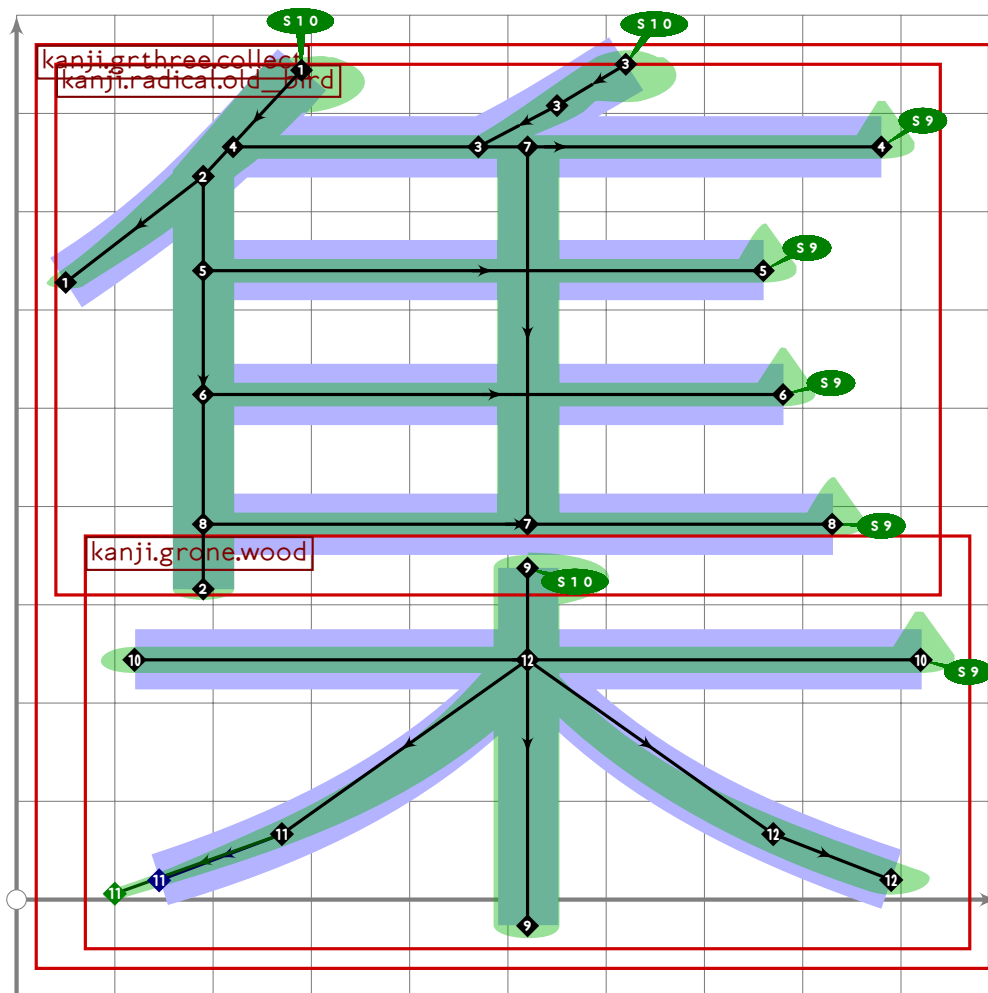


```

70
71 vardef kanji.grtwo.snow =
72   push_pbox_toexpand("kanji.grtwo.snow");
73   build_kanji.tb(280,0)
74     (kanji.toprad.rain)
75     (kanji.radical.pigs_head);
76   expand_pbox;
77 enddef;
78
79

```

U+96C6  
tsuku.uni96C6



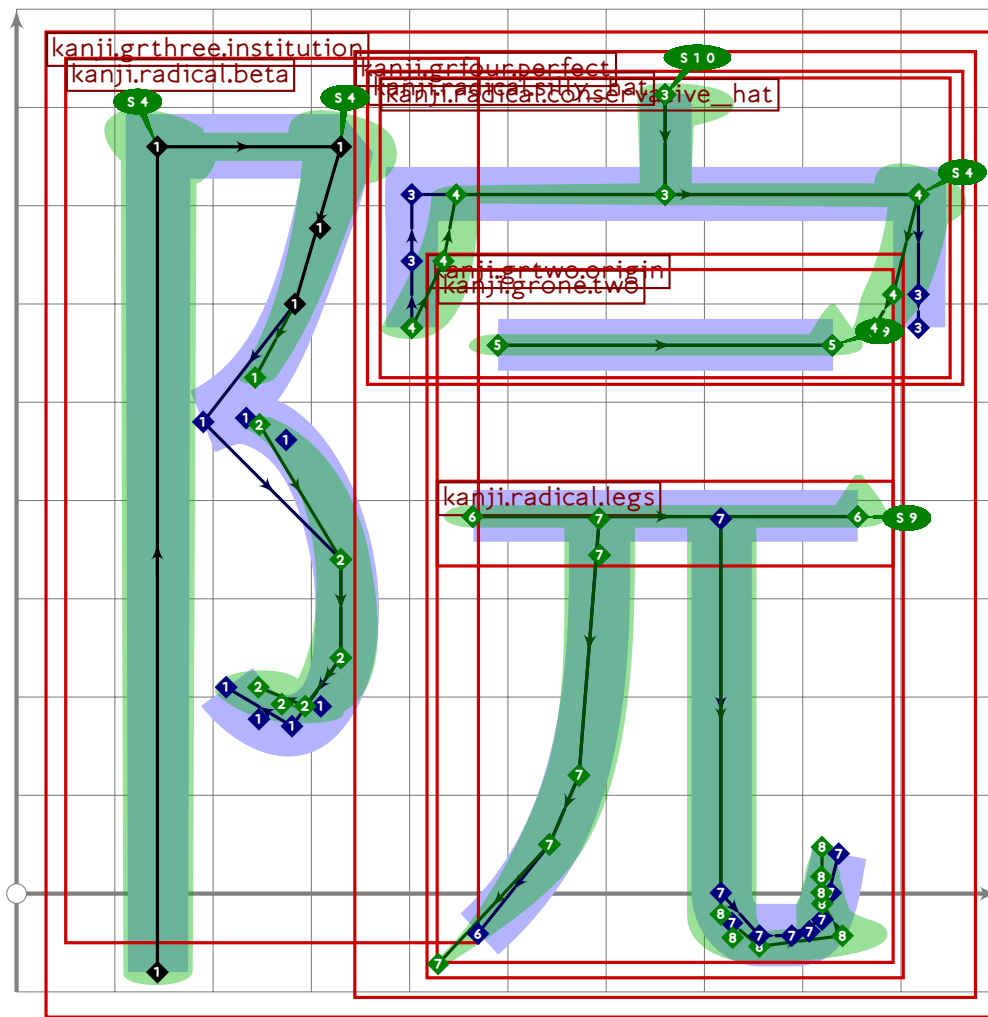
96

```

80
81 vardef kanji.grthree.collect =
82   push_pbox_toexpand("kanji.grthree.collect");
83   build_kanji.tb(340,60)
84     (build_kanji.sscale(shifted (-10,0))(kanji.radical.old_bird))
85     (build_kanji.sscale(shifted (20,0))(kanji.grone.wood));
86   expand_pbox;
87 enddef;

```

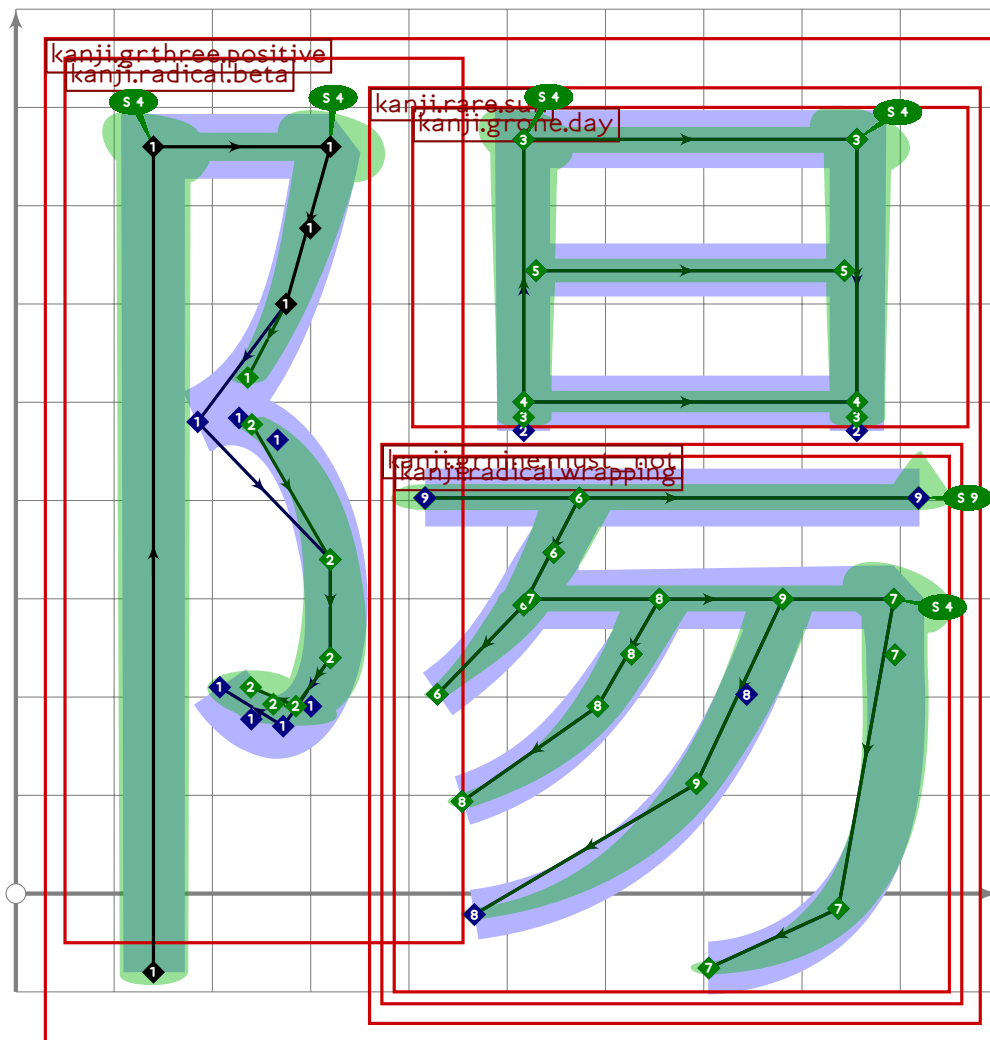




```

88
89 vardef kanji.grthree.institution =
90   push_pbox_toexpand("kanji.grthree.institution");
91   build_kanji.lr(420,100)
92     (kanji.radical.beta)
93     (build_kanji.sscale(shifted (0,-20))(kanji.grfour.perfect));
94   expand_pbox;
95 enddef;

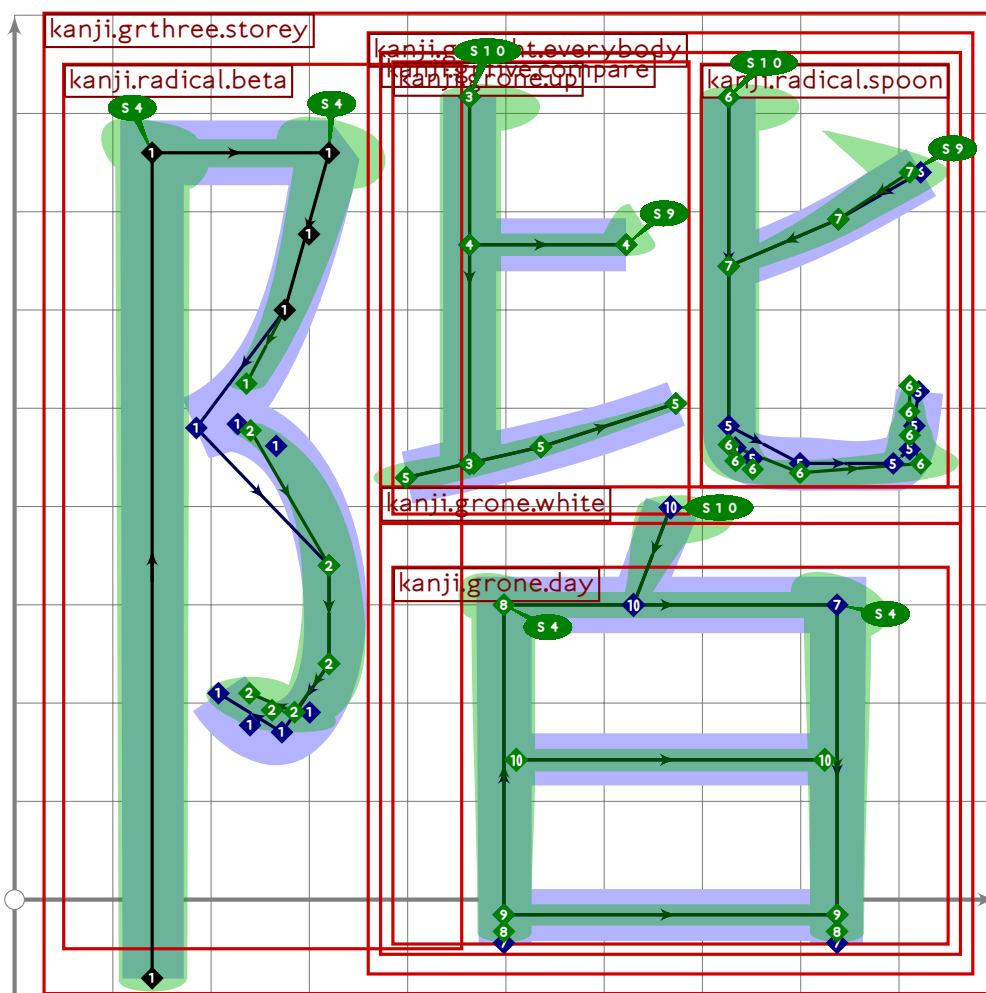
```



```

96
97 vardef kanji.grthree.positive =
98   push_pbox_toexpand("kanji.grthree.positive");
99   build_kanji.lr(420,70)
100   (kanji.radical.beta)
101   (build_kanji.sscale(shifted (0,-50))(kanji.rare.sun));
102   expand_pbox;
103 enddef;

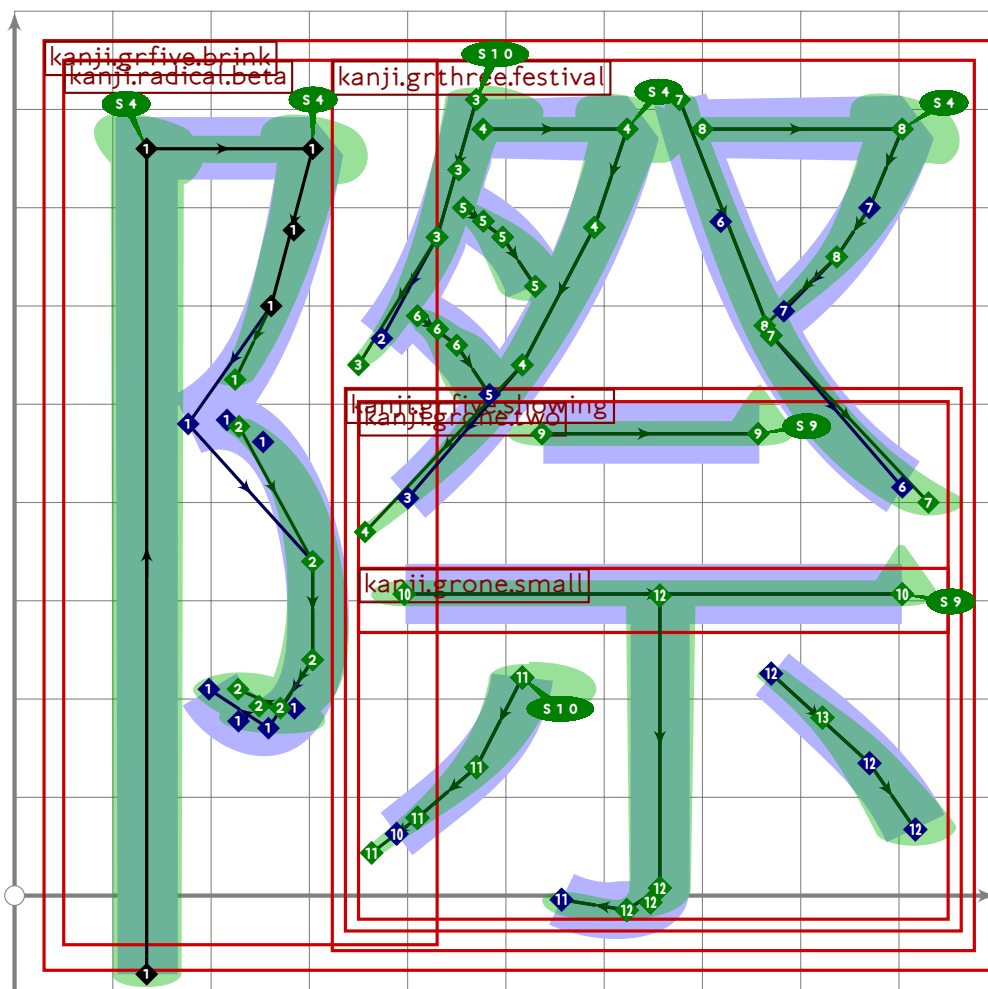
```



```

104
105 vardef kanji.grthree.storey =
106   push_pbox_toexpand("kanji.grthree.storey");
107   build_kanji.lr(420,70)
108     (kanji.radical.beta)
109     (kanji.grone.white);
110   expand_pbox;
111 enddef;
112
113

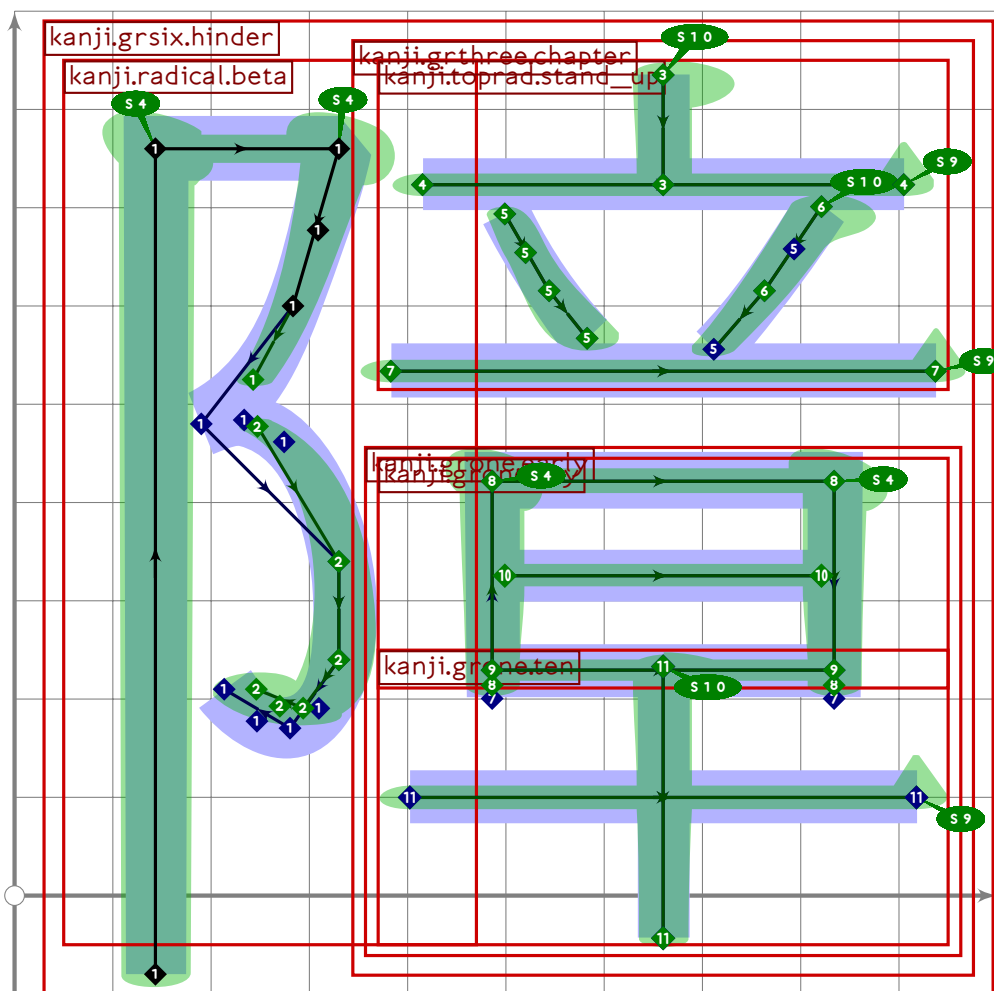
```



```

114
115 vardef kanji.grfive.brink =
116   push_pbox_toexpand("kanji.grfive.brink");
117   build_kanji.lr(390,80)
118     (kanji.radical.beta)
119     (kanji.grthree.festival);
120   expand_pbox;
121 enddef;
122
123

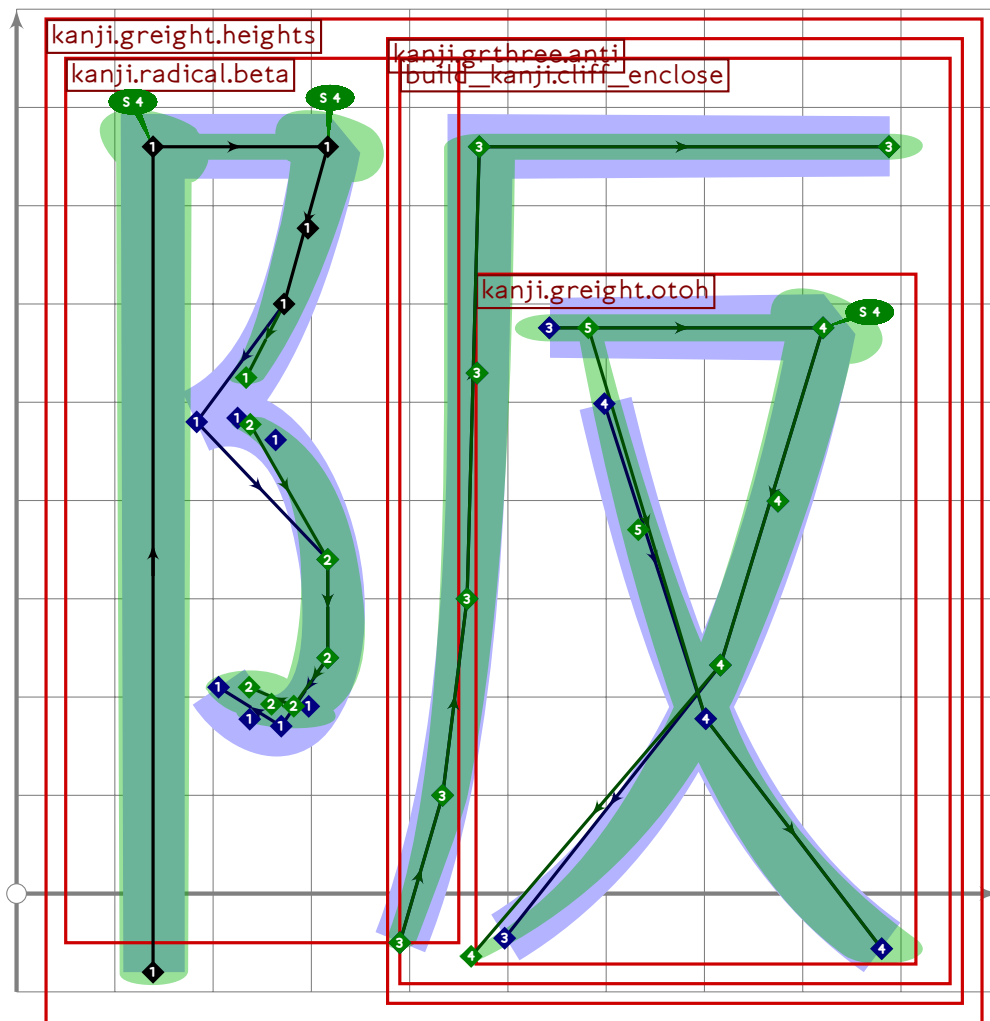
```



```

124
125 vardef kanji.grsix.hinder =
126   push_pbox_toexpand("kanji.grsix.hinder");
127   build_kanji.lr(420,100)
128   (kanji.radical.beta)
129   (kanji.grthree.chapter);
130   expand_pbox;
131 enddef;
132
133

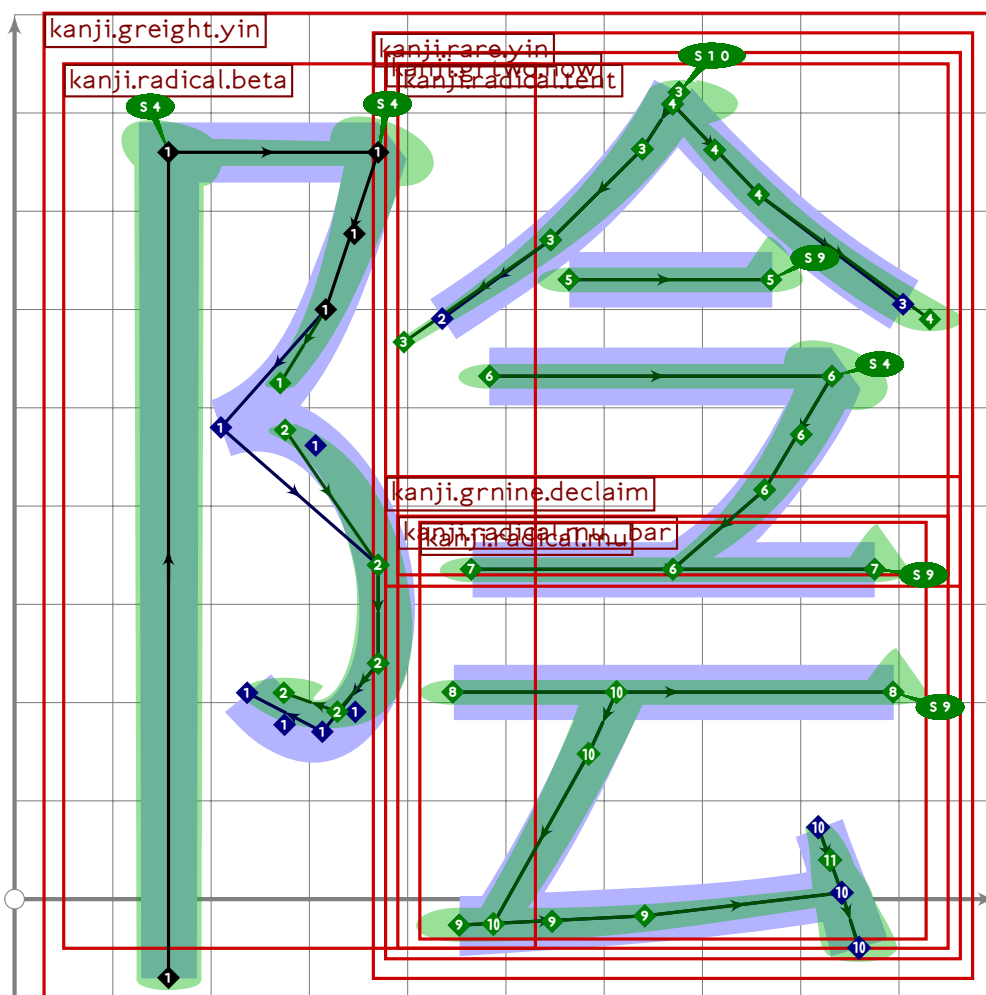
```



```

134
135 vardef kanji.greight.heights =
136   push_pbox_toexpand("kanji.greight.heights");
137   build_kanji.level(build_kanji.lr(420,60)
138     (kanji.radical.beta)
139     (kanji.grthree.anti));
140   expand_pbox;
141 enddef;

```



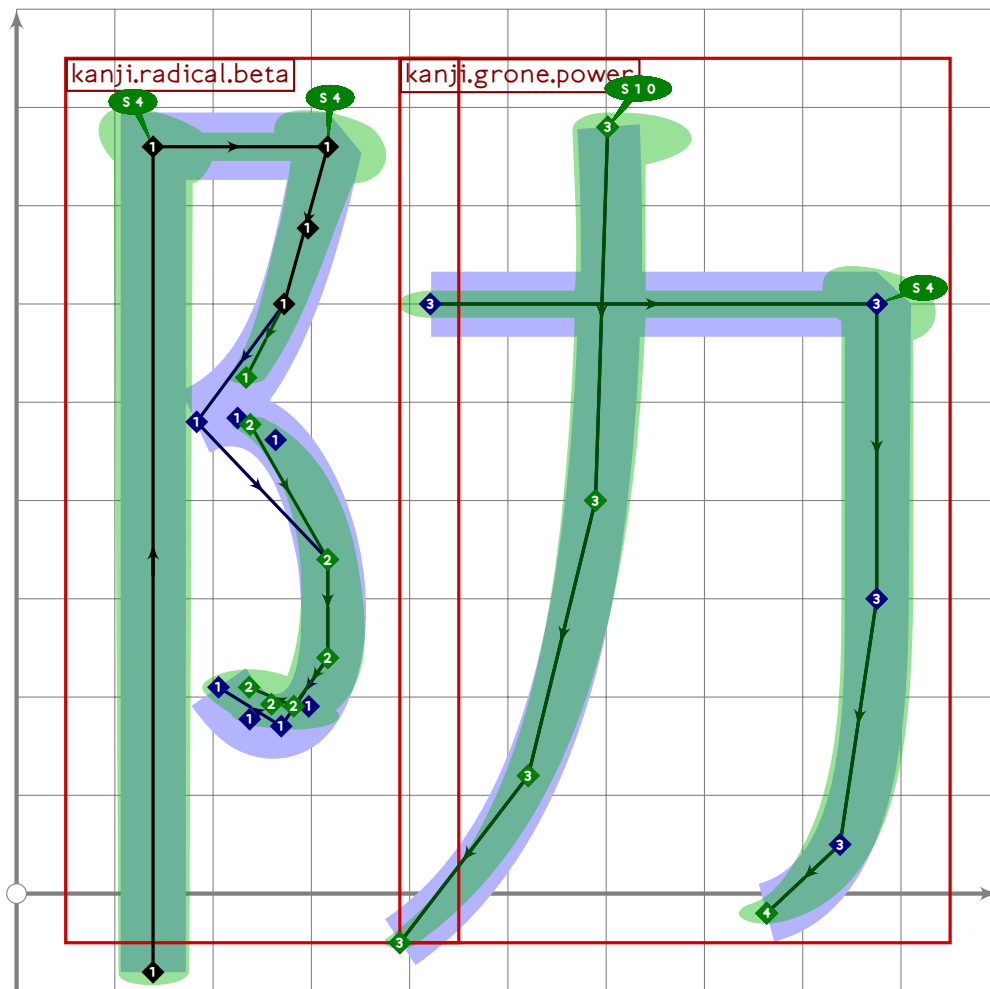
```

142
143 vardef kanji.greight.yin =
144   push_pbox_toexpand("kanji.greight.yin");
145   build_kanji.level(build_kanji.lr(460,140)
146     (kanji.radical.beta)
147     (kanji.rare.yin));
148   expand_pbox;
149 enddef;
150
151
152
153 % kozato "left village" (beta-looking) radical
154 begintsuglyph("uni961D";29);
155   kanji.radical.beta;
156   tsu_render;
157 endtsuglyph;
158

```

[see page 656]

U+961E  
tsuku.uni961E



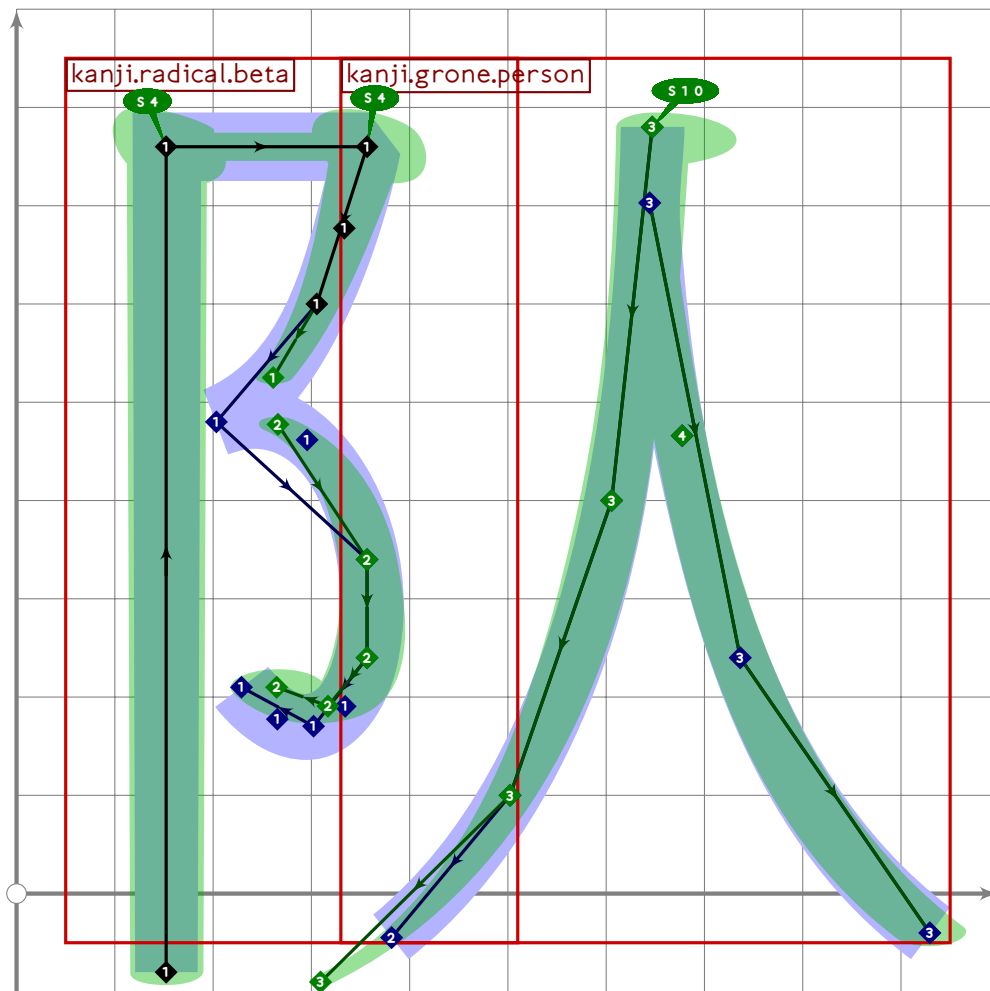
96

```

159 % extra "vein"
160 begintsuglyph("uni961E";30);
161   build_kanji.level(build_kanji.lr(420,60)
162     (kanji.radical.beta)
163     (kanji.grone.power));
164   tsu_render;
165 endtsuglyph;
166

```



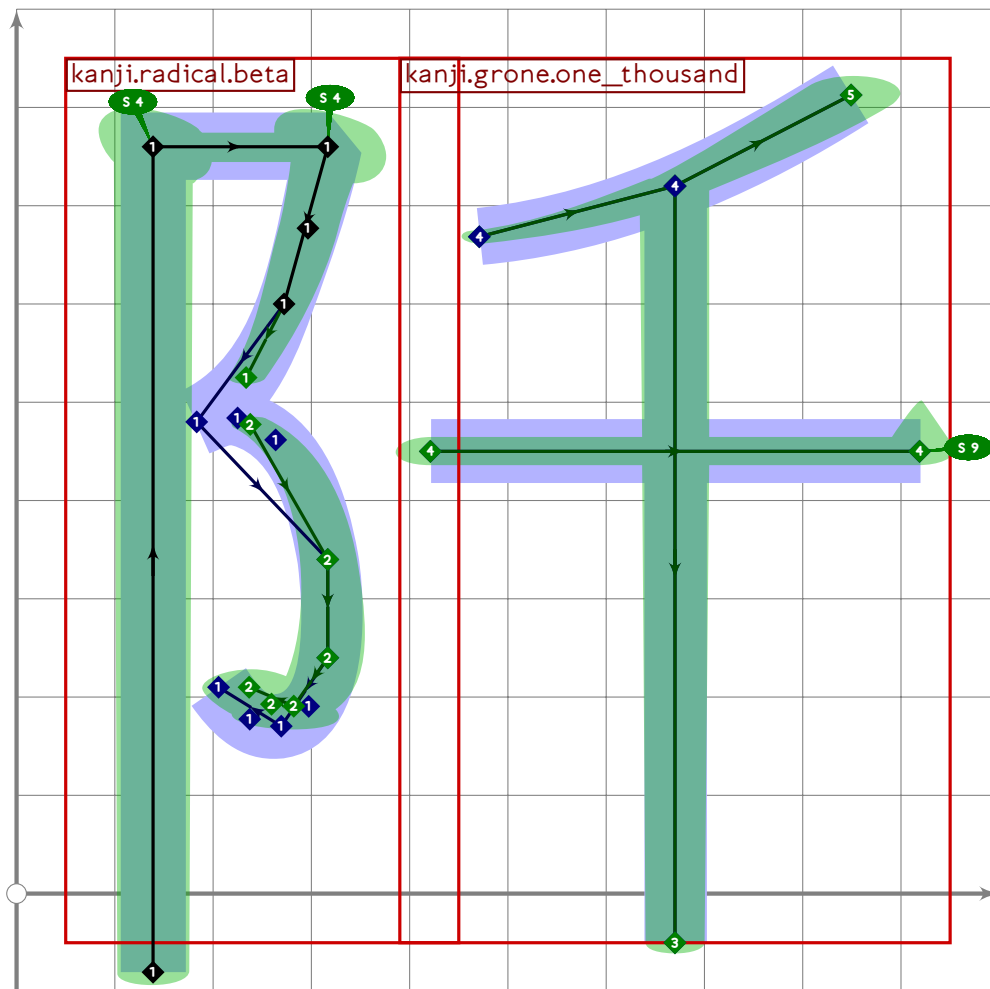


```

167 % extra
168 begintsuglyph("uni961F";31);
169   build_kanji.level(build_kanji.lr(420,180)
170     (kanji.radical.beta)
171     (kanji.grone.person));
172   tsu_render;
173 endtsuglyph;
174

```

U+9621  
tsuku.uni9621

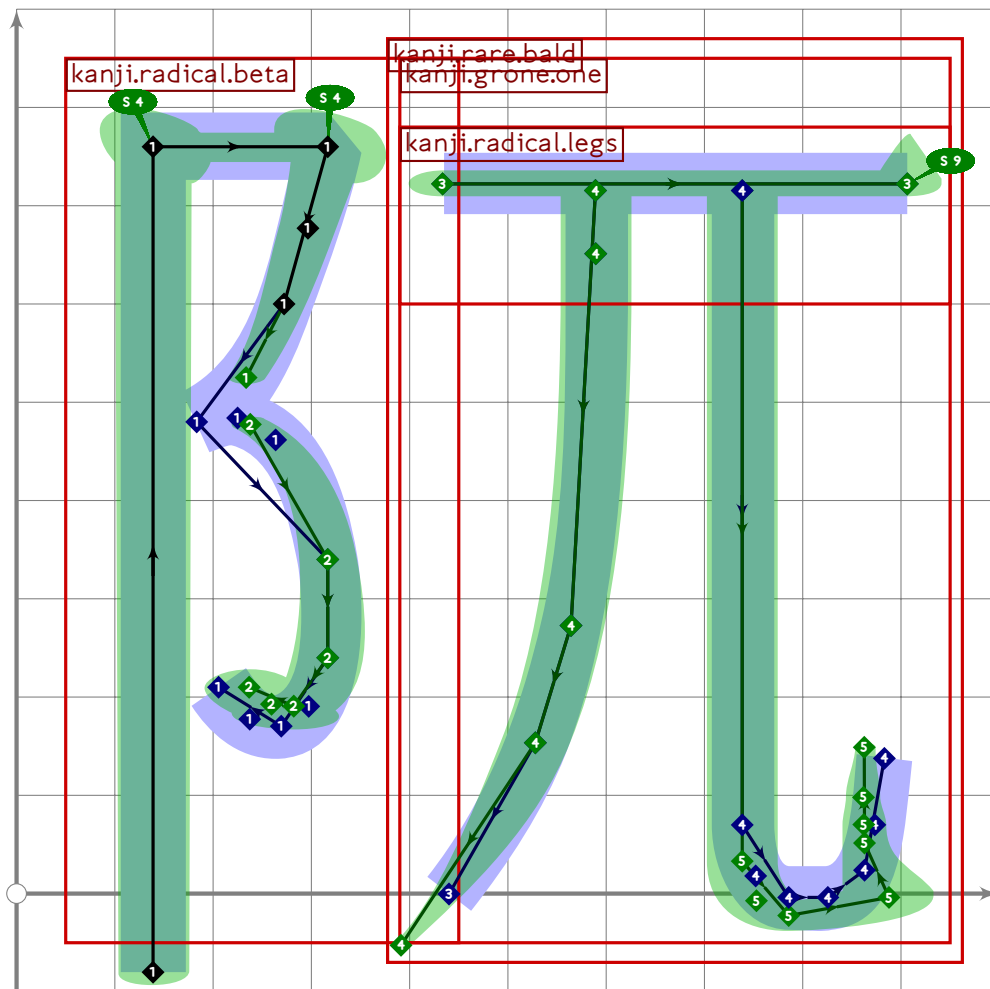


96

```

175 % extra "thousand"
176 begintsuglyph("uni9621";33);
177   build_kanji.level(build_kanji.lr(420,60)
178     (kanji.radical.beta)
179     (kanji.grone.one_thousand));
180   tsu_render;
181 endtsuglyph;
182

```

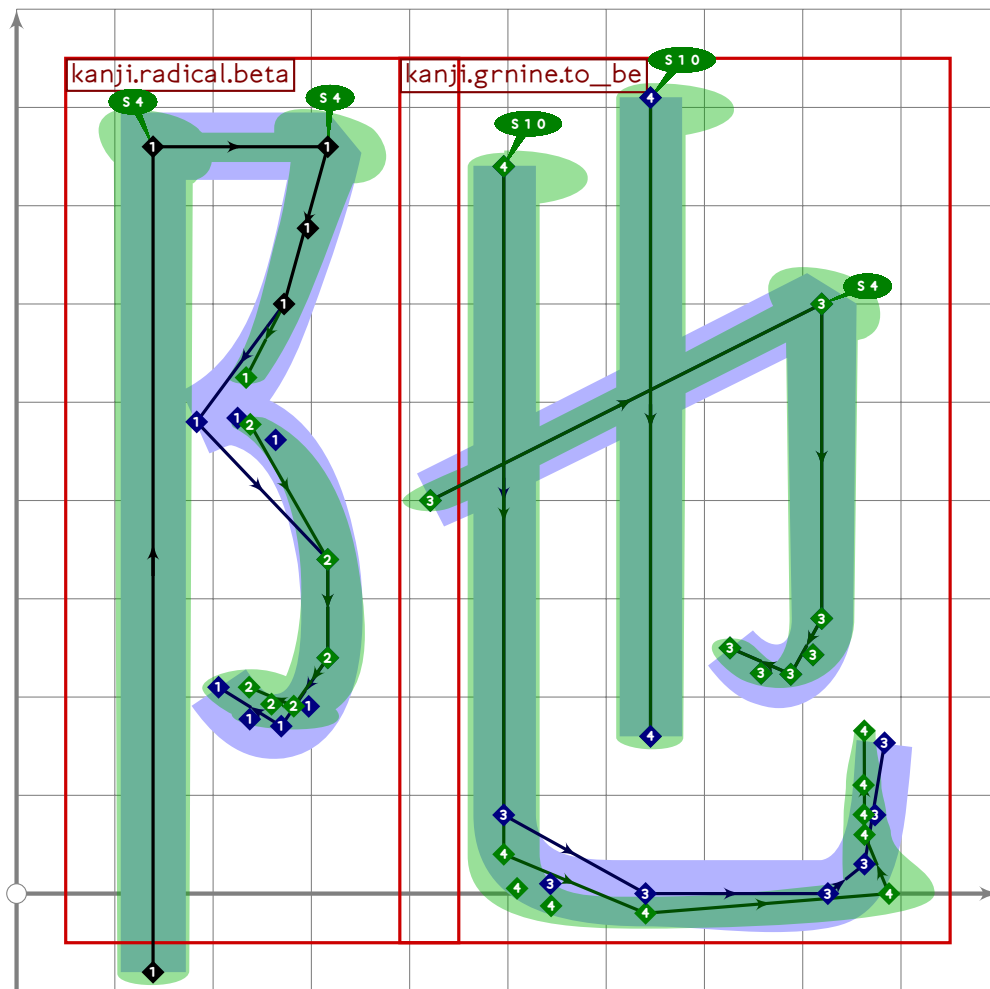


```

183 % extra
184 begintsuglyph("uni9622";34);
185   build_kanji.level(build_kanji.lr(420,60)
186     (kanji.radical.beta)
187     (kanji.rare.bald));
188   tsu_render;
189 endtsuglyph;
190

```

U+9624  
tsuku.uni9624

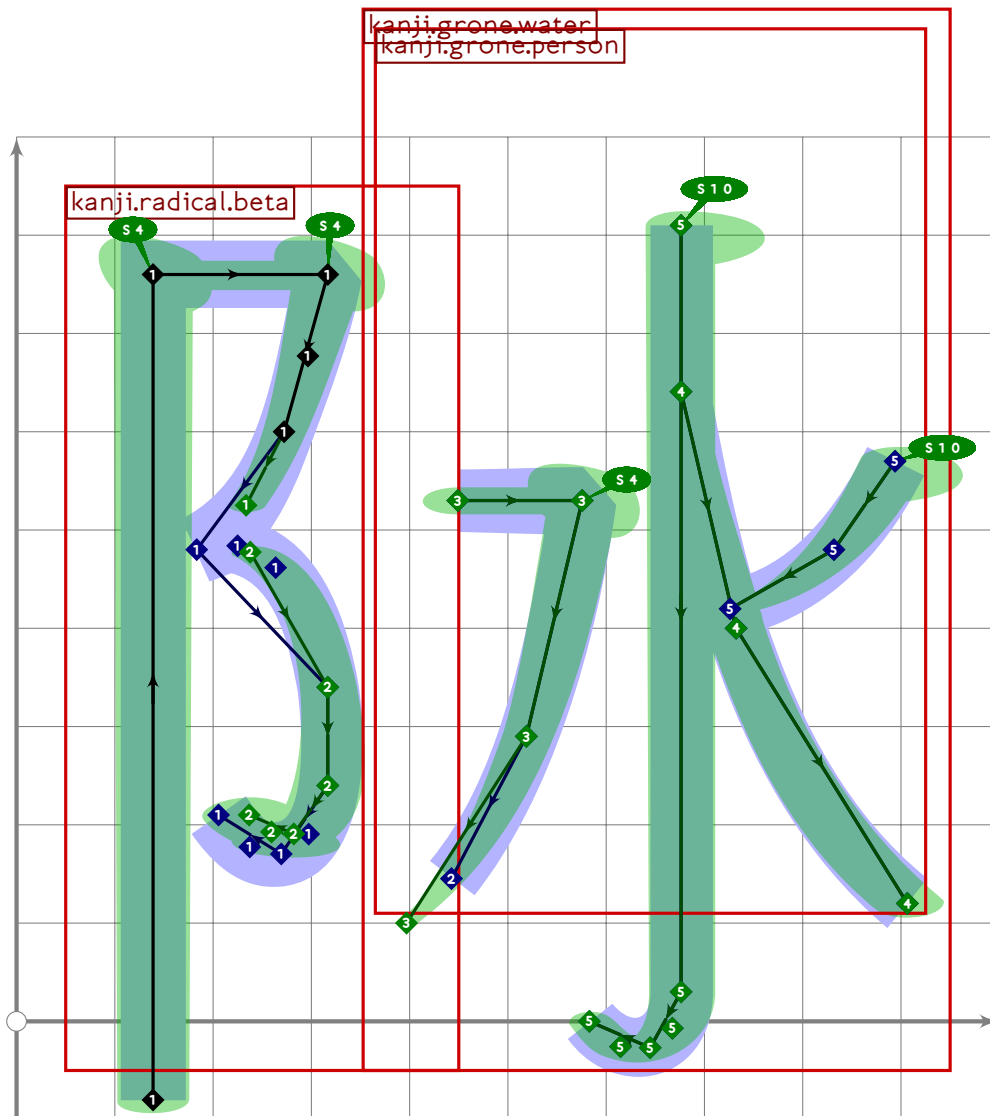


96

```

191 % extra
192 begintsuglyph("uni9624",36);
193   build_kanji.level(build_kanji.lr(420,60)
194     (kanji.radical.beta)
195     (kanji.grnine.to_be));
196   tsu_render;
197 endtsuglyph;
198

```

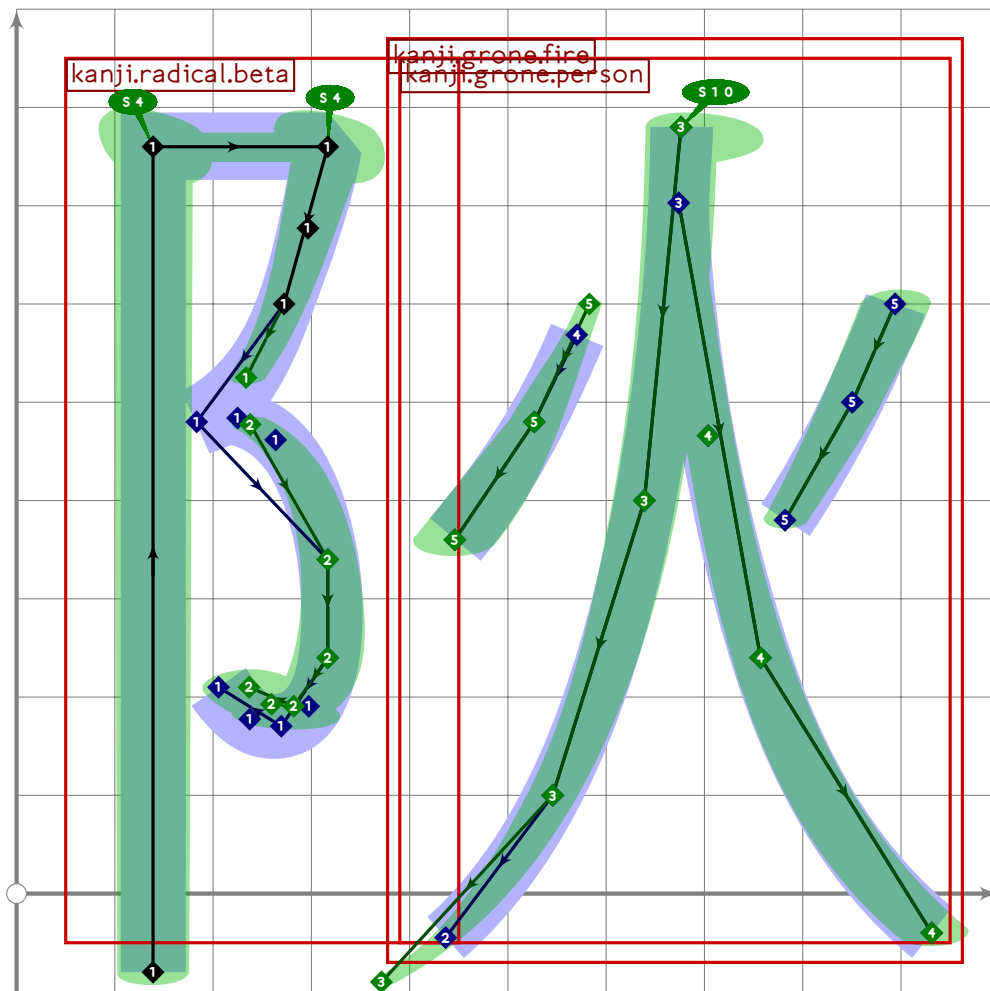


```

199 % extra
200 begint Suglyph("uni9625";37);
201   build_kanji.level(build_kanji.lr(420,60)
202     (kanji.radical.beta)
203     (kanji.grone.water));
204   tsu_render;
205 endtsuglyph;
206

```

U+9626  
tsuku.uni9626

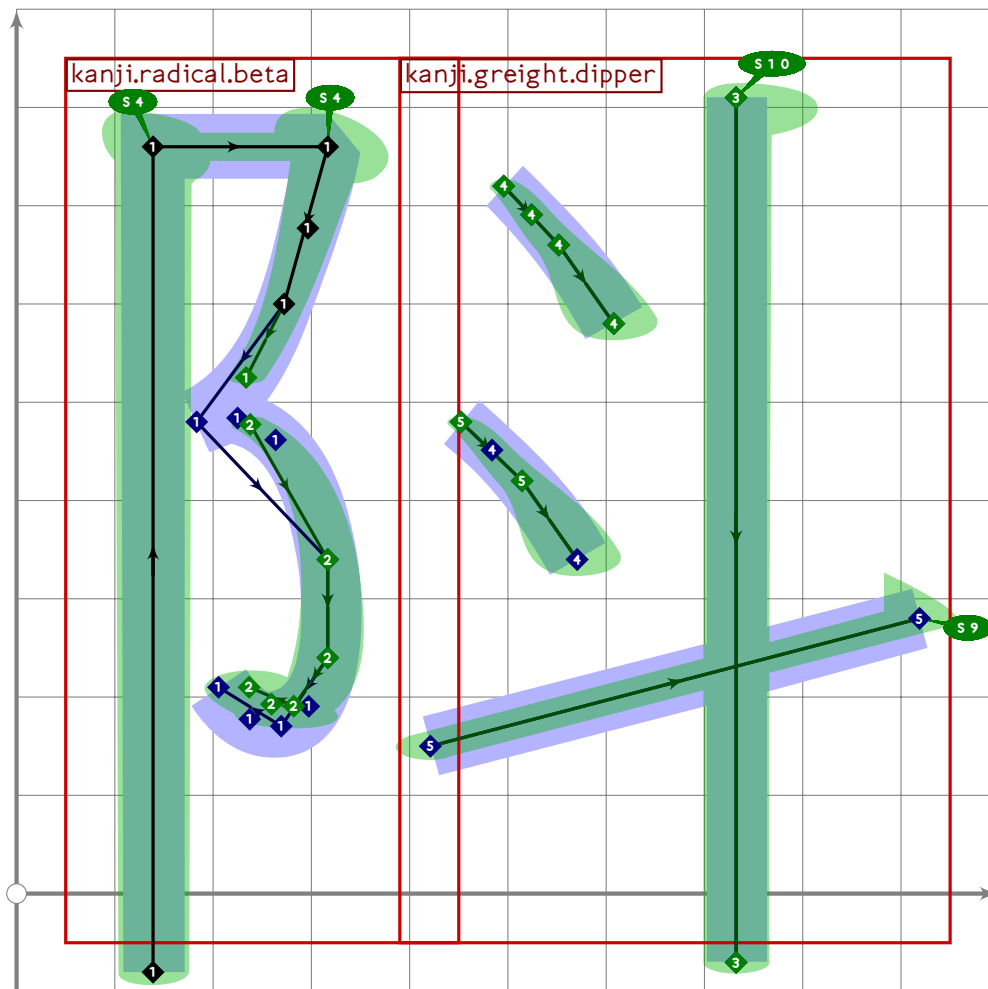


96

```

207 % extra
208 begintsuglyph("uni9626";38);
209   build_kanji.level(build_kanji.lr(420,60)
210     (kanji.radical.beta)
211     (kanji.grone.fire));
212   tsu_render;
213 endtsuglyph;
214

```



```

215 % extra
216 begintsuglyph("uni9627";39);
217   build_kanji.level(build_kanji.lr(420,60)
218     (kanji.radical.beta)
219     (kanji.greight.dipper));
220   tsu_render;
221 endtsuglyph;
222
223 % han/saka "heights"
224 begintsuglyph("uni962A";42);
225   kanji.greight.heights;
226   tsu_render;
227 endtsuglyph;
228
229 % in "institution" (often "house")
230 begintsuglyph("uni9662";98);
231   kanji.grthree.institution;
232   tsu_render;
233 endtsuglyph;
234
235 % in/kage "yin"

```

[see page 2640]

[see page 2635]

```

236 begintsuglyph("uni9670";112); [see page 2641]
237   kanji.greight.yin;
238   tsu_render;
239 endtsuglyph;
240
241 % you/hi "positive"
242 begintsuglyph("uni967D";125); [see page 2636]
243   kanji.grthree.positive;
244   tsu_render;
245 endtsuglyph;
246
247 % kai/kizahashi "storey"
248 begintsuglyph("uni968E";142); [see page 2637]
249   kanji.grthree.storey;
250   tsu_render;
251 endtsuglyph;
252
253 % sai/kiwa "brink"
254 begintsuglyph("uni969B";155); [see page 2638]
255   kanji.grfive.brink;
256   tsu_render;
257 endtsuglyph;
258
259 % shou/sawa "hinder"
260 begintsuglyph("uni969C";156); [see page 2639]
261   kanji.grsix.hinder;
262   tsu_render;
263 endtsuglyph;
264
265 % sai/tori "old bird" radical
266 begintsuglyph("uni96B9";185); [see page 674]
267   kanji.radical.old_bird;
268   tsu_render;
269 endtsuglyph;
270
271 % shuu/atsu "collect"
272 begintsuglyph("uni96C6";198); [see page 2634]
273   kanji.grthree.collect;
274   tsu_render;
275 endtsuglyph;
276
277 % u/ame "rain"
278 begintsuglyph("uni96E8";232); [see page 455]
279   kanji.grone.rain;
280   tsu_render;
281 endtsuglyph;
282
283 % satsu/yuki "snow"

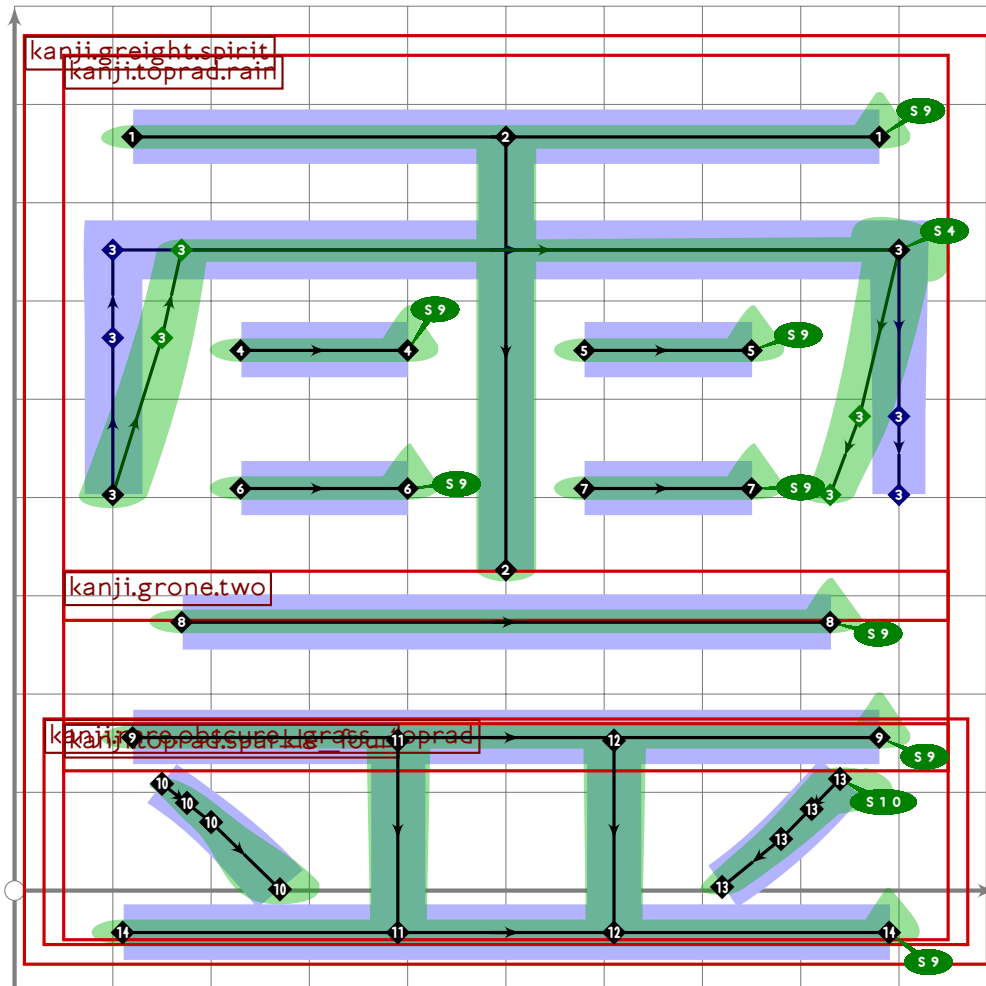
```



```
284 begintsuglyph("uni96EA";234); [see page 2633]
285   kanji.grtwo.snow;
286   tsu_render;
287 endtsuglyph;
288
289 % un/kumo "cloud"
290 begintsuglyph("uni96F2";242); [see page 2631]
291   kanji.grtwo.cloud;
292   tsu_render;
293 endtsuglyph;
294
295 % den "electricity"
296 begintsuglyph("uni96FB";251); [see page 2632]
297   kanji.grtwo.electricity;
298   tsu_render;
299 endtsuglyph;
300
301 _____
302
303 endfont;
304
305 _____
```

# tsuku-97.mp

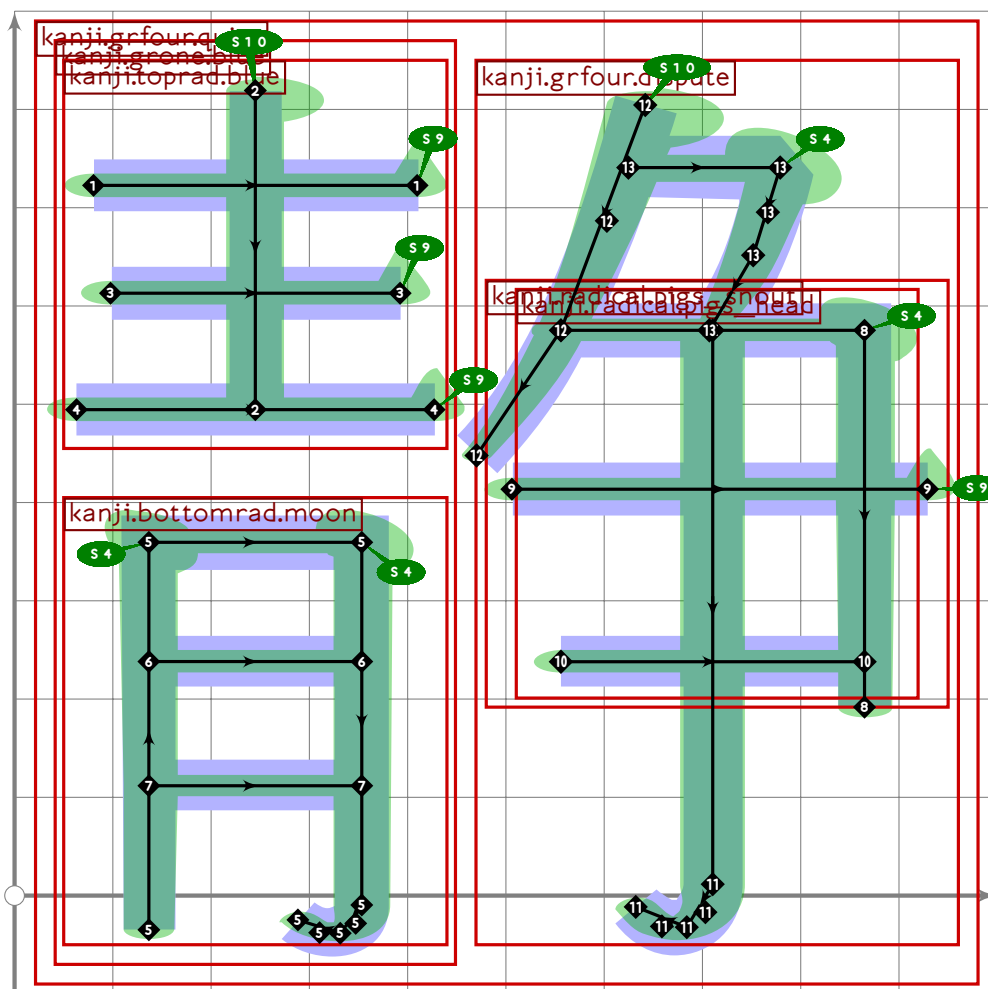
```
1 %
2 % Unicode page 97 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradeone.mp;
41 input gradethree.mp;
42 input radical.mp;
43 input rare.mp;
44 input toprad.mp;
45
46 do_late_includes;
47
48
```



```

49
50 vardef kanji.greight.spirit =
51   push_pbox_toexpand("kanji.greight.spirit");
52   build_kanji.level(build_kanji.tb(300,50)
53     (kanji.toprad.rain)
54     (build_kanji.tb(420,115)
55       (kanji.grone.two)
56       (kanji.rare.obscure_grass_toprad;
57         set_boserif(-3,0,whatever);
58         set_boserif(-2,0,whatever))));
59   expand_pbox;
60 enddef;
61
62

```



```

63
64 vardef kanji.grfour.quiet =
65   push_pbox_toexpand("kanji.grfour.quiet");
66   build_kanji.lr(460,-40)
67     (kanji.grone.blue)
68     (kanji.grfour.dispute);
69   expand_pbox;
70 enddef;
71
72
73
74 % rei/tama "spirit"
75 begintsuglyph("uni970A";10);
76   kanji.greight.spirit;
77   tsu_render;
78 endtsuglyph;
79
80 % ao "blue"
81 begintsuglyph("uni9752";82);
82   kanji.grone.blue;
83   tsu_render;

```

[see page 2653]

[see page 415]

```

84 endtsuglyph;
85
86 % sei/shizu "quiet"
87 begintsuglyph("uni9759";89); [see page 2654]
88   kanji.grfour.quiet;
89   tsu_render;
90 endtsuglyph;
91
92 % hi/ara "mistake"
93 begintsuglyph("uni975E";94); [see page 623]
94   kanji.grfive.mistake;
95   tsu_render;
96 endtsuglyph;
97
98 % men/omo "face"
99 begintsuglyph("uni9762";98); [see page 563]
100   kanji.grthree.face;
101   tsu_render;
102 endtsuglyph;
103
104 % oto/on "noise"
105 begintsuglyph("uni97F3";243); [see page 448]
106   kanji.grone.noise;
107   tsu_render;
108 endtsuglyph;
109
110 _____
111
112 endfont;
113
114 _____

```

# tsuku-98.mp

```
1 %  
2 % Unicode page 98 (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 gradeeight.mp;
```

```
38 input gradefour.mp;
```

```
39 input gradenine.mp;
```

```
40 input gradeone.mp;
```

```
41 input gradethree.mp;
```

```
42 input gradetwo.mp;
```

```
43 input leftrad.mp;
```

```
44 input radical.mp;
```

```
45 input rightrad.mp;
```

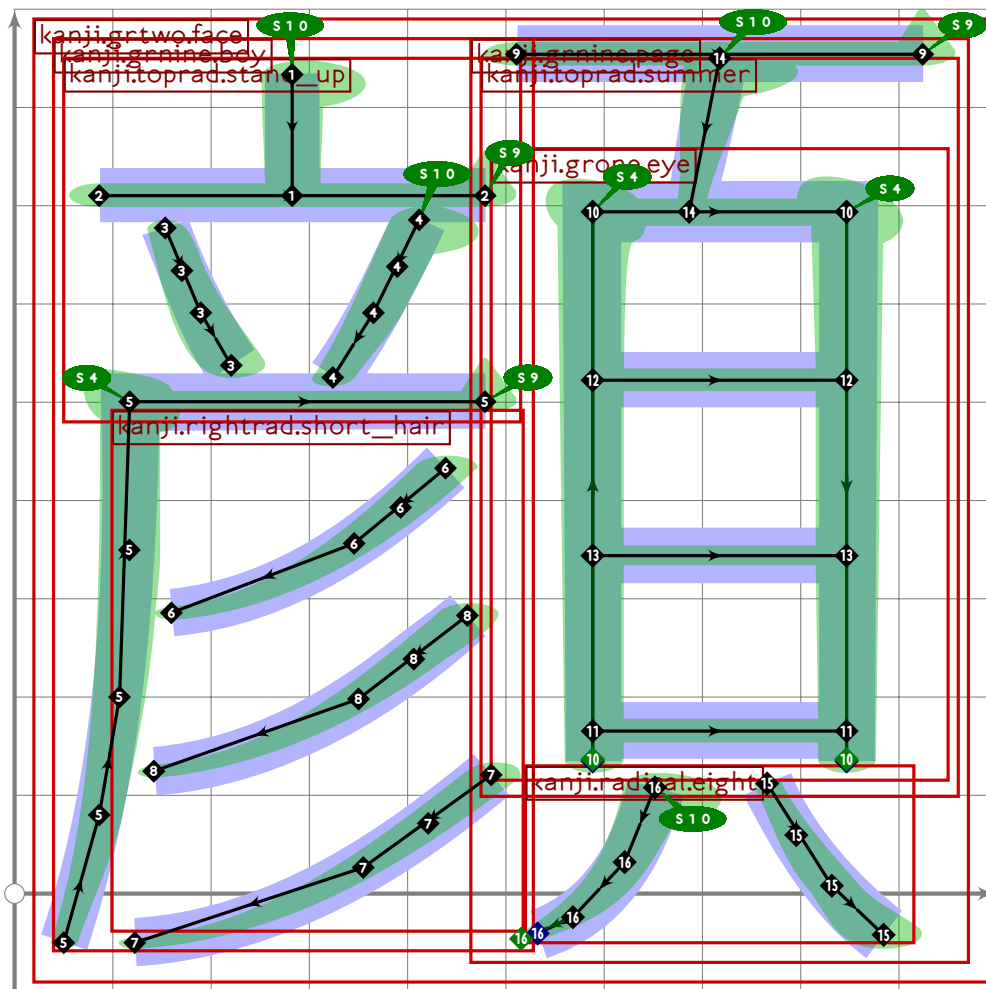
```
46 input toprad.mp;
```

```
47
```

```
48 do_late_includes;
```

```
49
```

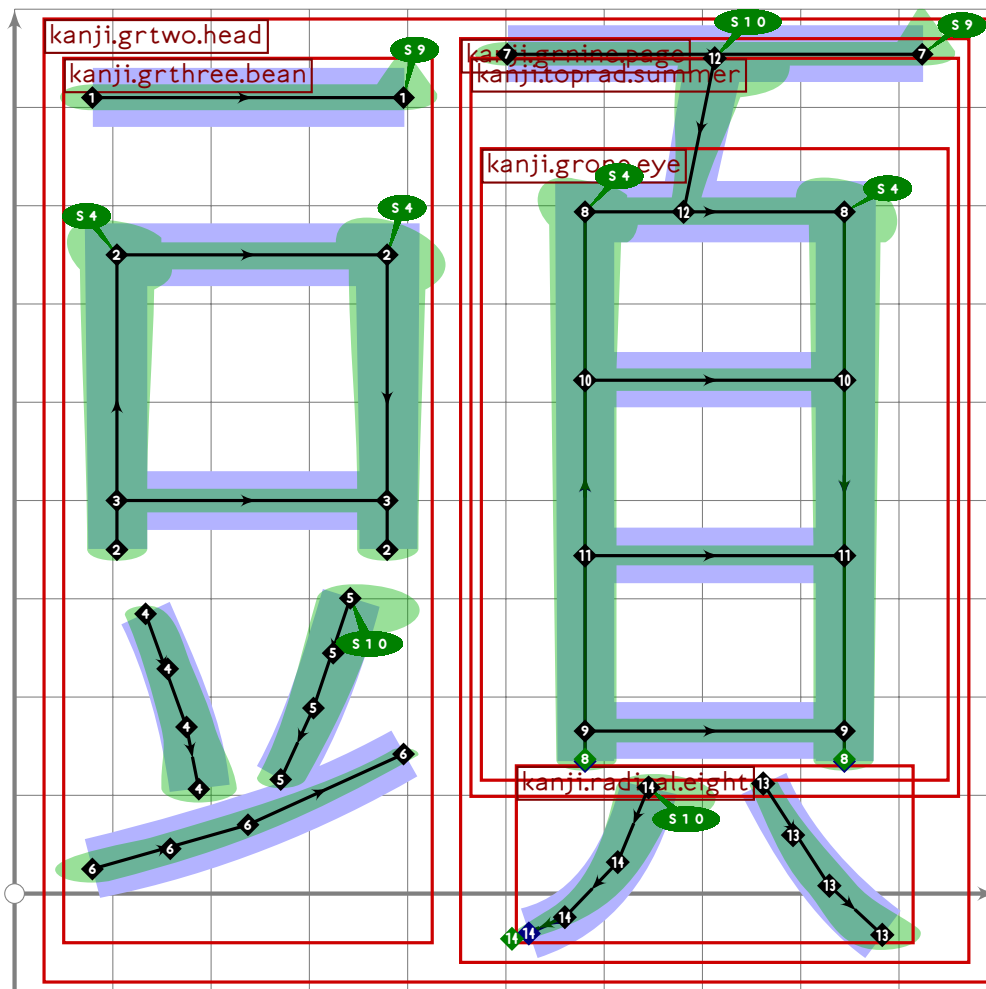
```
50
```



```

51
52 vardef kanji.grtwo.face =
53   push_pbox_toexpand("kanji.grtwo.face");
54   build_kanji.lr(500,30)
55     (kanji.grnine.boy)
56     (kanji.grnine.page);
57   expand_pbox;
58 enddef;

```

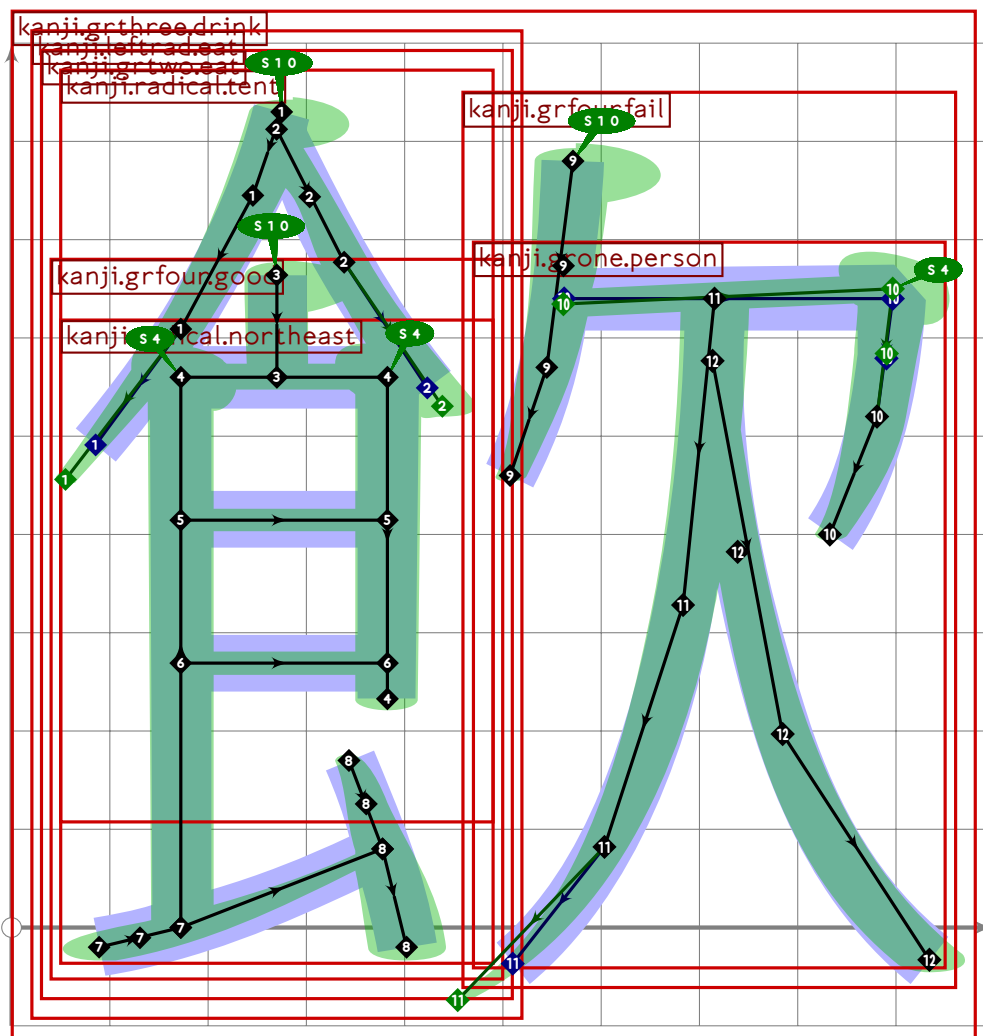


```

59
60 vardef kanji.grtwo.head =
61   push_pbox_toexpand("kanji.grtwo.head");
62   build_kanji.lr(450,-50)
63   (build_kanji.lift_skirt(320,150)(kanji.grthree.beam))
64   (kanji.grnine.page);
65   expand_pbox;
66 enddef;
67
68

```

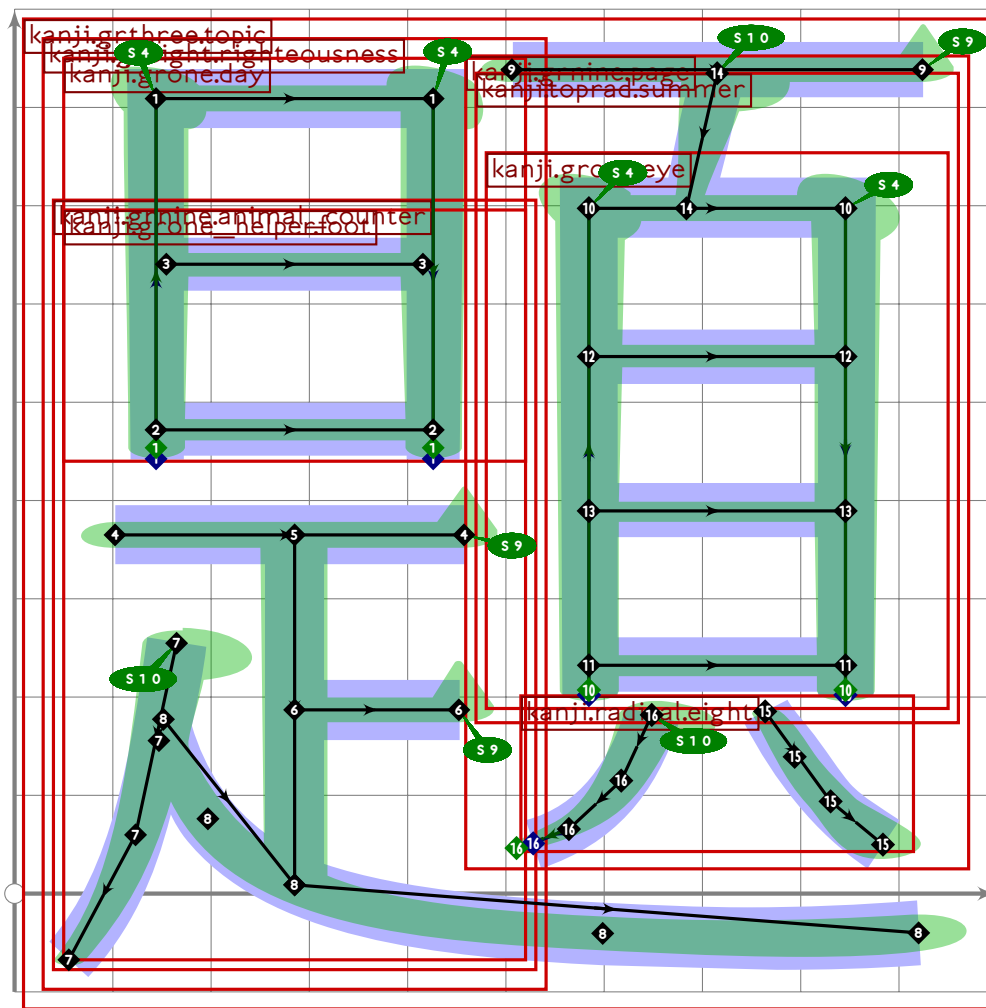




```

69
70 vardef kanji.grthree.drink =
71   push_pbox_toexpand("kanji.grthree.drink");
72   build_kanji.lr(480,20)
73     (kanji.leftrad.eat)
74     (kanji.grfour.fail);
75   expand_pbox;
76 enddef;

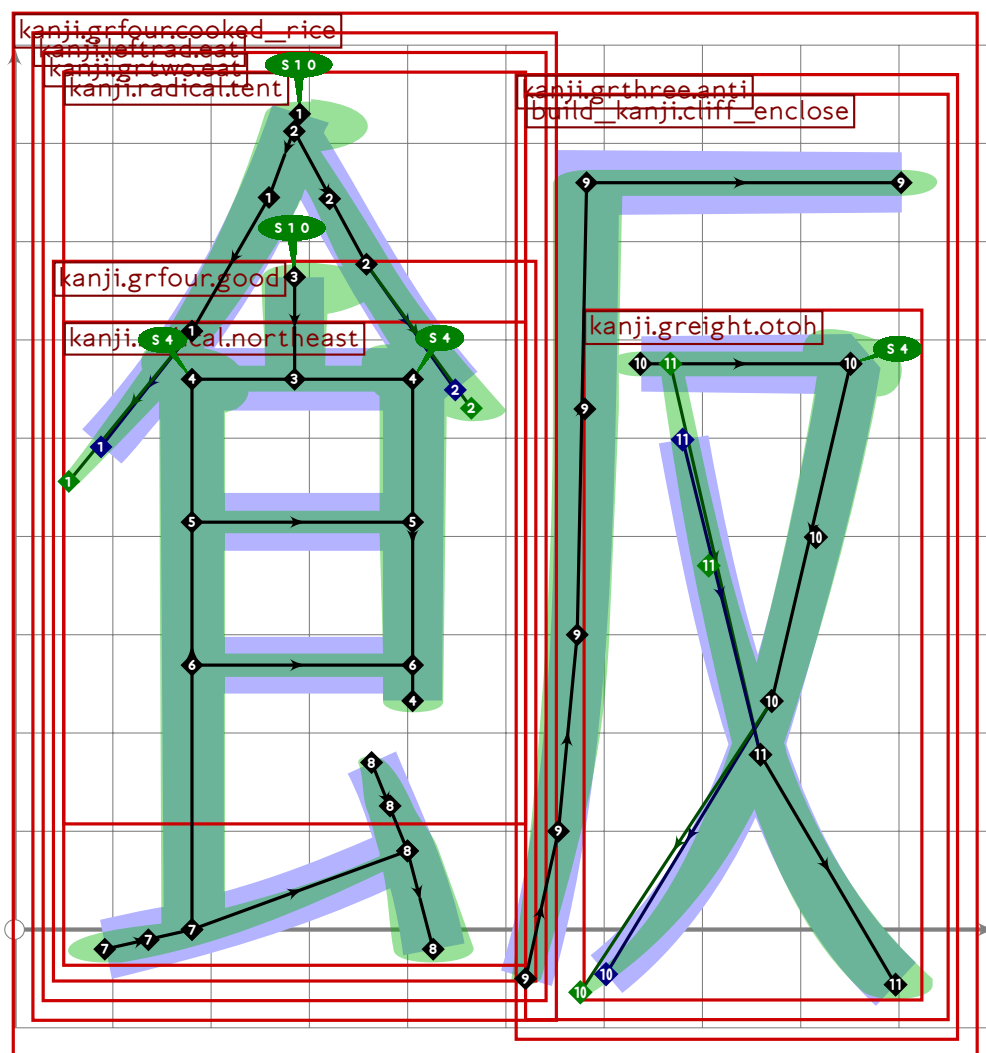
```



```

77
78 vardef kanji.grthree.topic =
79   push_pbox_toexpand("kanji.grthree.topic");
80   build_kanji.lr(500,40)
81     (kanji.greight.righteousness)
82     (build_kanji.sscale(yscaled 0.88 shifted (0,40))
83       (kanji.grnine.page));
84   replace_stroked(-8)((point 0 of oldp)..(point 1 of oldp)..
85     tension 1.5.{curl 0.2}(920,-40));
86   expand_pbox;
87 enddef;
88
89

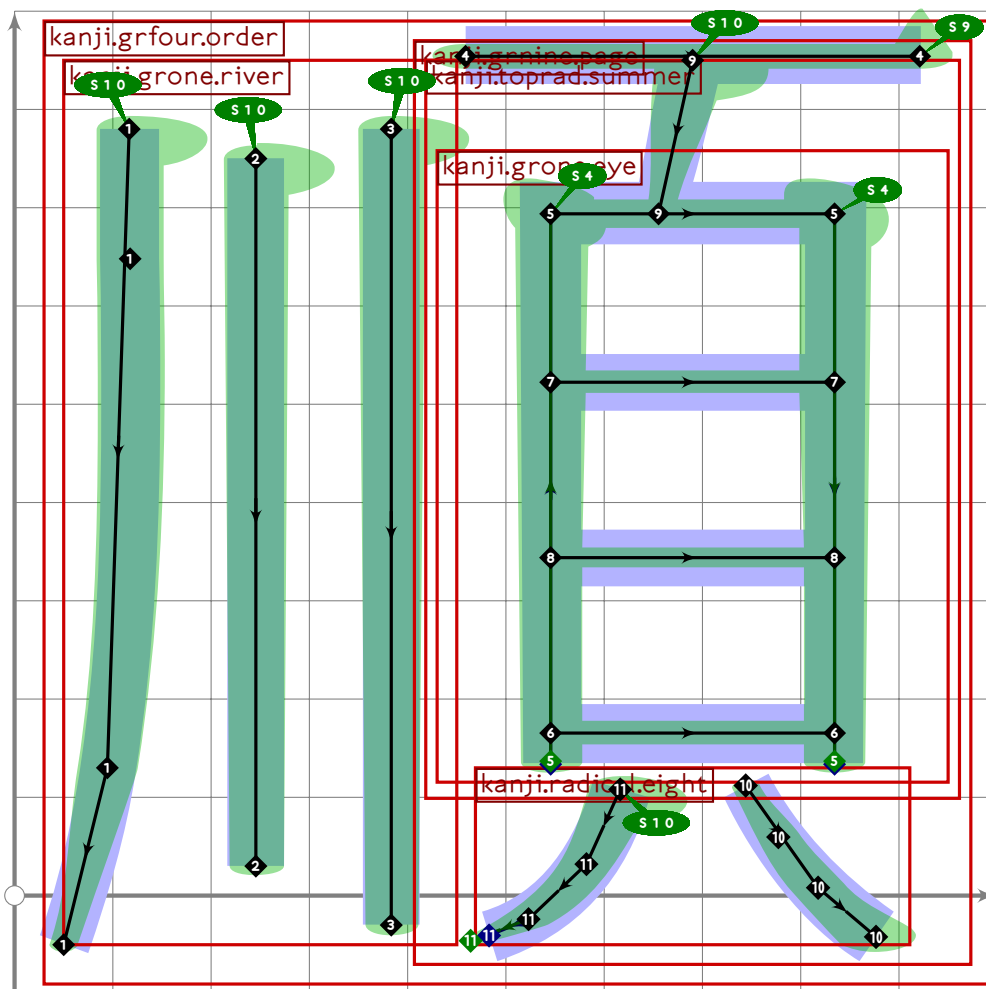
```



```

90
91 vardef kanji.grfour.cooked_rice =
92   push_pbox_toexpand("kanji.grfour.cooked_rice");
93   build_kanji.lr(520,0)
94     (kanji.leftrad.eat)
95     (kanji.grthree.anti);
96   expand_pbox;
97 enddef;

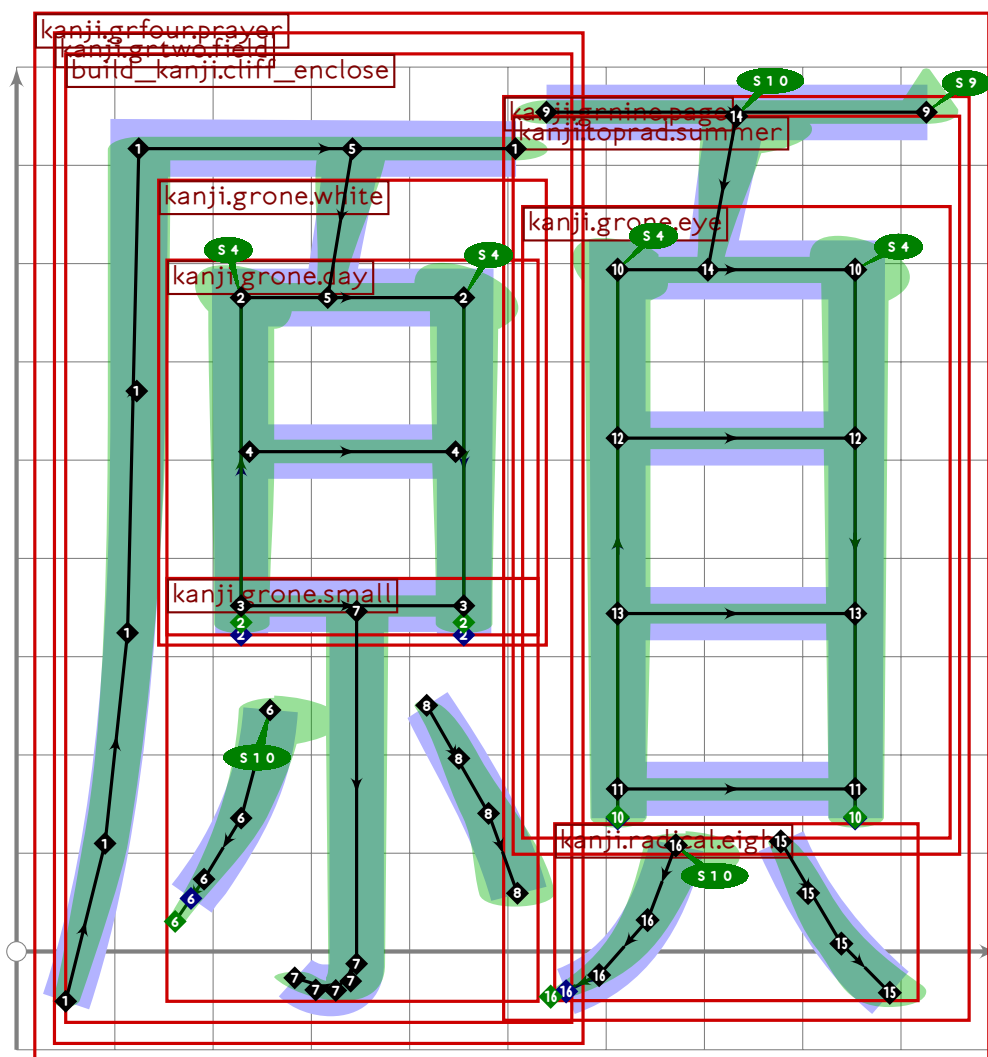
```



```

98
99 vardef kanji.grfour.order =
100   push_pbox_toexpand("kanji.grfour.order");
101   build_kanji.level(build_kanji.lr(440,20)
102     (kanji.grone.river)
103     (kanji.grnine.page));
104   expand_pbox;
105 enddef;

```



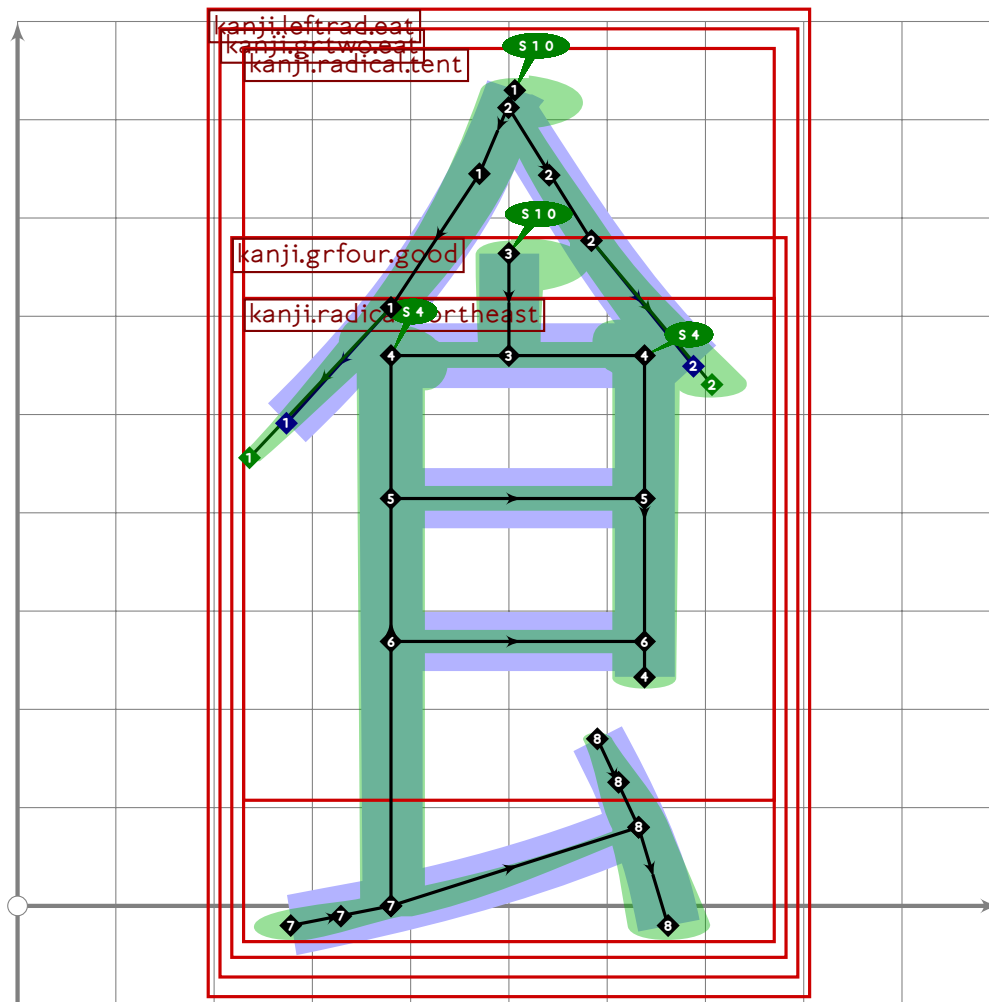
```

106
107 vardef kanji.grfour.prayer =
108   push_pbox_toexpand("kanji.grfour.prayer");
109   build_kanji.level(build_kanji.lr(540,50)
110     (tsu_xform(identity shifted (0,40) yscaled (857/800) shifted (0,-40))
111       (kanji.grtwo.field))
112     (kanji.grnine.page));
113   expand_pbox;
114 enddef;
115
116
117
118 % ketsu/peeji "page"
119 begintsuglyph("uni9801";1);
120   kanji.grnine.page;
121   tsu_render;
122 endtsuglyph;
123
124 % shun/aya "order"

```

[see page 747]

125	begintsuglyph("uni9806";6);	[see page 2662]
126	kanji.grfour.order;	
127	tsu_render;	
128	endtsuglyph;	
129		
130	% tou/atama "head"	
131	begintsuglyph("uni982D";45);	[see page 2658]
132	kanji.grtwo.head;	
133	tsu_render;	
134	endtsuglyph;	
135		
136	% dai "topic"	
137	begintsuglyph("uni984C";76);	[see page 2660]
138	kanji.grthree.topic;	
139	tsu_render;	
140	endtsuglyph;	
141		
142	% gen/kao "face"	
143	begintsuglyph("uni9854";84);	[see page 2657]
144	kanji.grtwo.face;	
145	tsu_render;	
146	endtsuglyph;	
147		
148	% gan/nega "prayer" (as in onegai, "please," literally "I pray you")	
149	begintsuglyph("uni9858";88);	[see page 2663]
150	kanji.grfour.prayer;	
151	tsu_render;	
152	endtsuglyph;	
153		
154	% fuu/kaze "wind"	
155	begintsuglyph("uni98A8";168);	[see page 547]
156	kanji.grtwo.wind;	
157	tsu_render;	
158	endtsuglyph;	
159		
160	% shoku/ta "eat"	
161	begintsuglyph("uni98DF";223);	[see page 492]
162	kanji.grtwo.eat;	
163	tsu_render;	
164	endtsuglyph;	
165		



```

166 % simplified "eat" for use as radical
167 begintsuglyph("uni98E0";224);
168 build_kanji:sscale(xscaled 0.6)(kanji.leftrad.eat);
169 tsu_render;
170 endtsuglyph;
171
172 % han/meshi "cooked rice"
173 begintsuglyph("uni98EF";239);
174 kanji.grfour.cooked_rice;
175 tsu_render;
176 endtsuglyph;
177
178 % in/no "drink"
179 begintsuglyph("uni98F2";242);
180 kanji.grthree.drink;
181 tsu_render;
182 endtsuglyph;
183
184
185
186 endfont;

```

[see page 2661]

[see page 2659]

187

188

---



# tsuku-99.mp

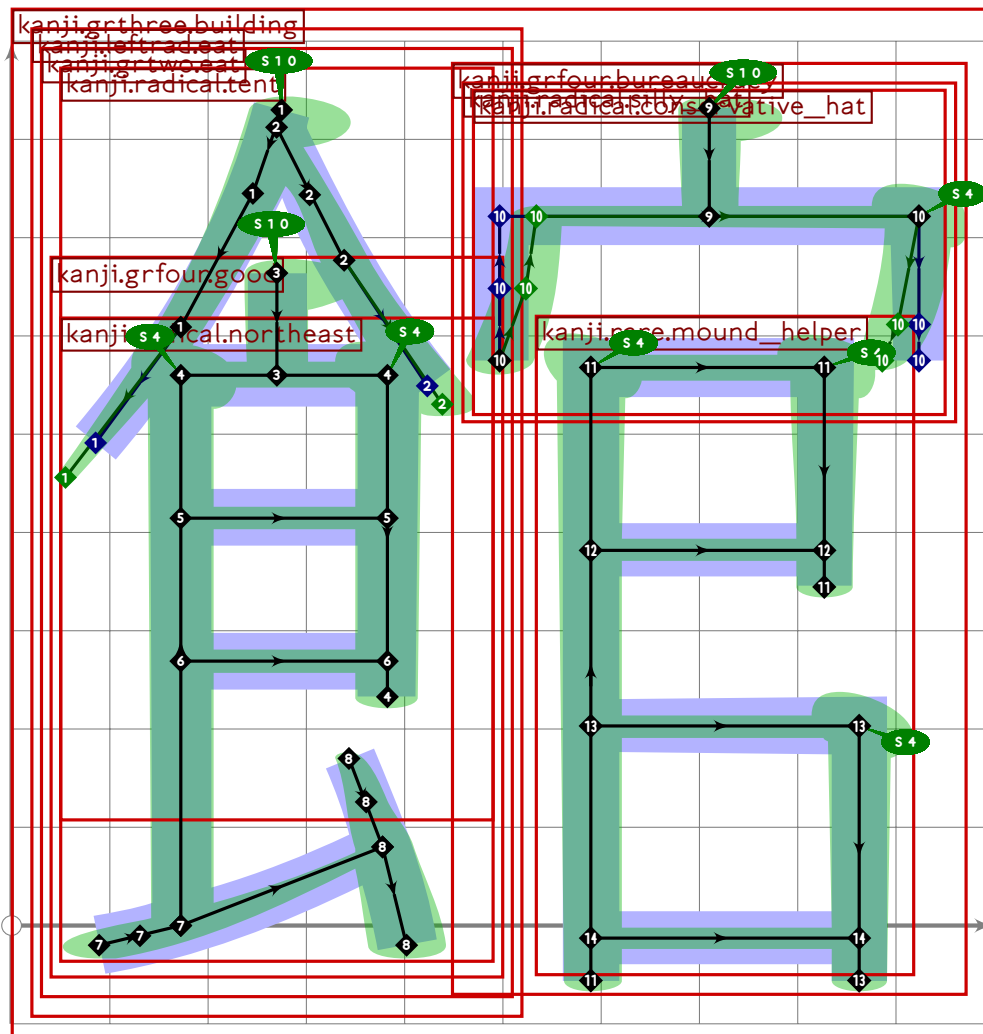
```
1 %
2 % Unicode page 99 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

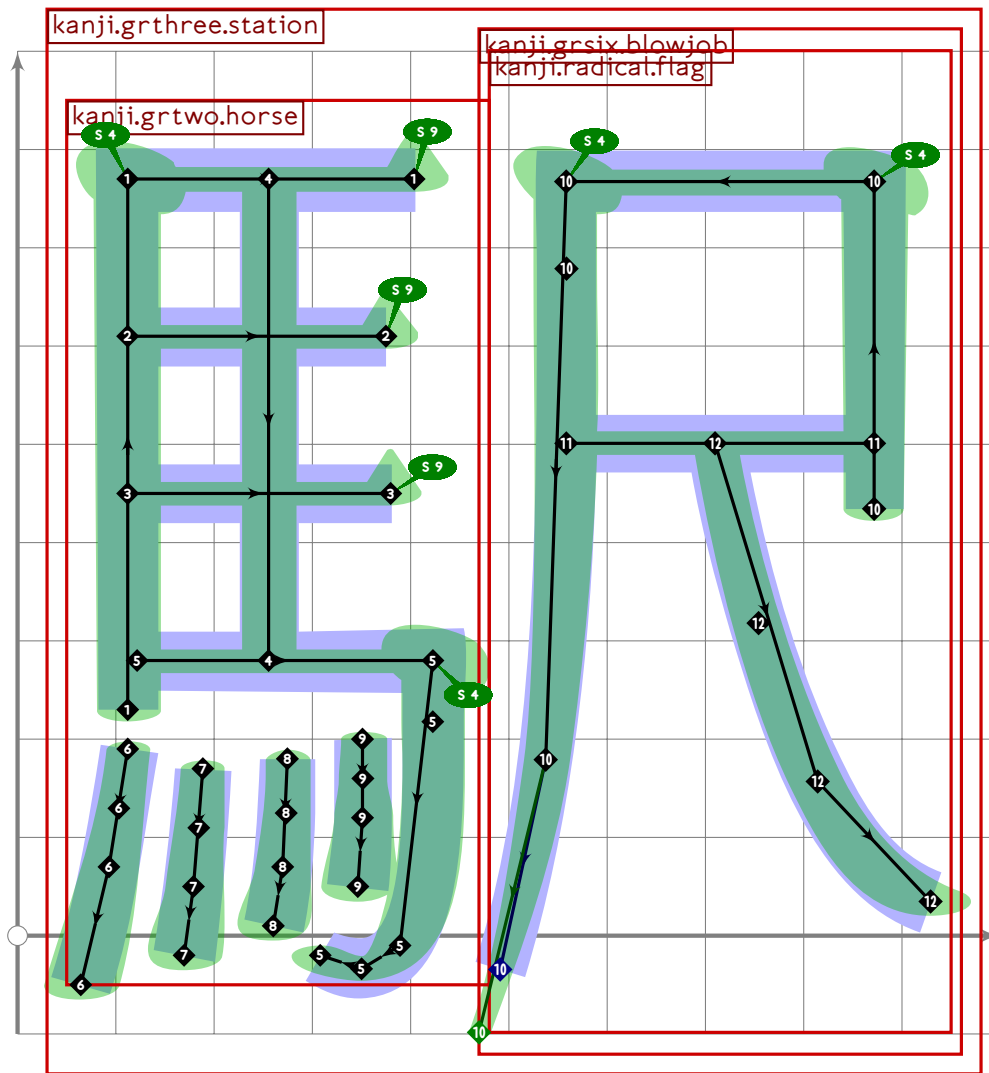

```



```

49
50 vardef kanji.grthree.building =
51   push_pbox_toexpand("kanji.grthree.building");
52   build_kanji.lr(480,20)
53   (kanji.leftrad.eat)
54   (kanji.grfour.bureaucracy);
55   expand_pbox;
56 enddef;

```



```

57
58 vardef kanji.grthree.station =
59   push_pbox_toexpand("kanji.grthree.station");
60   build_kanji.lr(480,0)
61     (kanji.grtwo.horse)
62     (build_kanji.sscale(yscaled 1.11)
63       (kanji.grsix.blowjob));
64   expand_pbox;
65 enddef;
66
67
68
69 % kan/yukata "building"
70 begintsuglyph("uni9928"40);
71   kanji.grthree.building;
72   tsu_render;
73 endtsuglyph;
74
75 % shu/kubi "neck"

```

[see page 2668]

```

76 begintsuglyph("uni9996";150);
77   kanji.grtwo.neck;
78   tsu_render;
79 endtsuglyph;
80
81 % ba/uma "horse"
82 begintsuglyph("uni99AC";172);
83   kanji.grtwo.horse;
84   tsu_render;
85 endtsuglyph;
86
87 % eki "station"
88 begintsuglyph("uni99C5";197);
89   kanji.grthree.station;
90   tsu_render;
91 endtsuglyph;
92
93 _____
94
95 endfont;
96
97 _____

```

[see page 524]

[see page 508]

[see page 2669]

# tsuku-9a.mp

```
1 %
2 % Unicode page 9A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

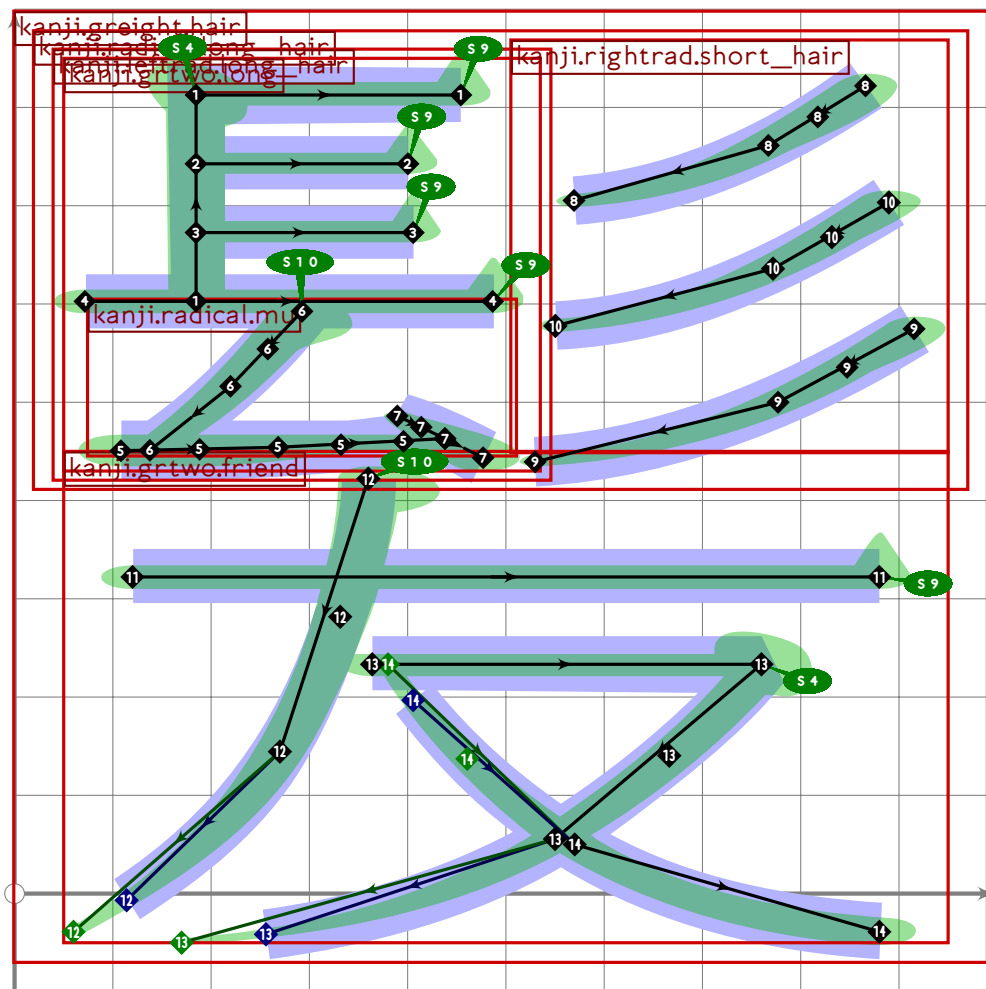
---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradefive.mp;
38 input gradeone.mp;
39 input gradesix.mp;
40 input gradetwo.mp;
41 input leftrad.mp;
42 input radical.mp;
43 input rare.mp;
44 input rightrad.mp;
45 input toprad.mp;
46
47 do_late_includes;
48
49 

---


```

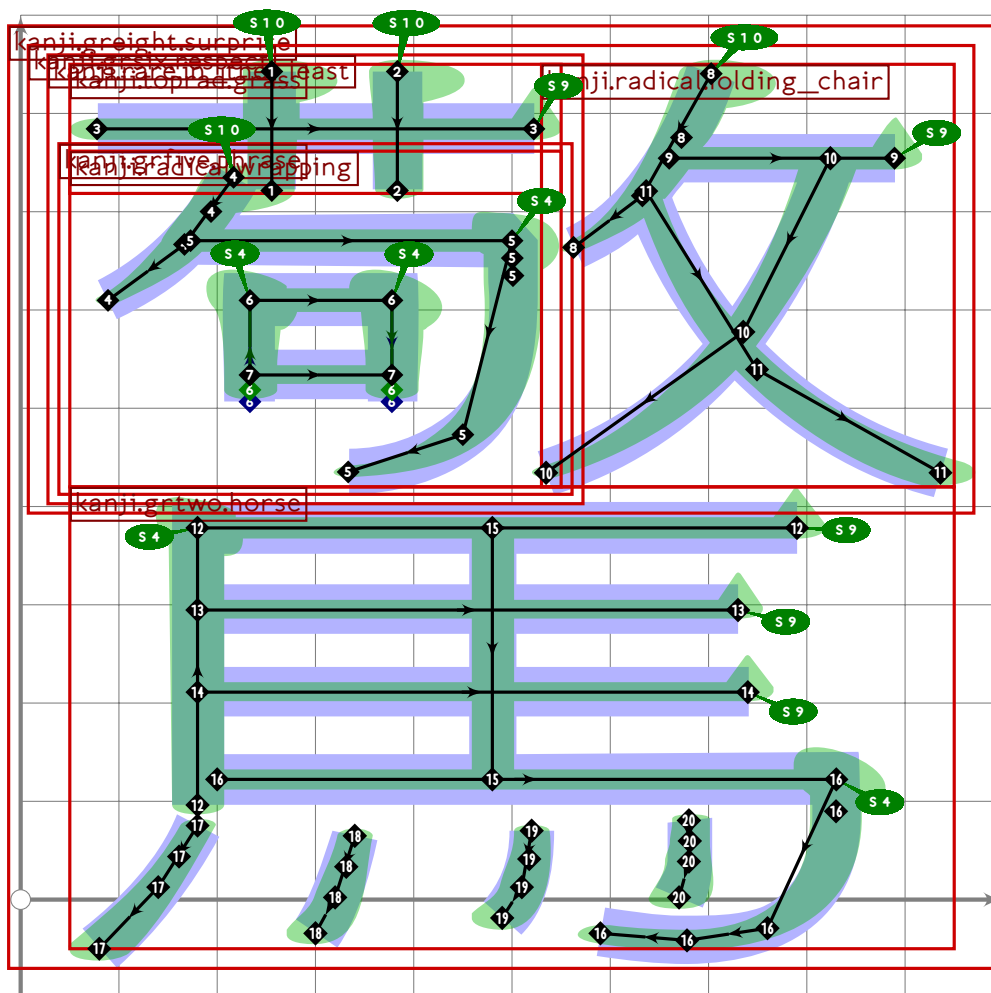
U+9AEA  
tsuku.uni9AEA



```

50
51 vardef kanji.greight.hair =
52   push_pbox_toexpand("kanji.greight.hair");
53   build_kanji.level(build_kanji.tb(440,20)
54     (kanji.radical.long_hair)
55     (kanji.grtwo.friend));
56   expand_pbox;
57 enddef;

```



```

58
59 vardef kanji.greight.surprise =
60   push_pbox_toexpand("kanji.greight.surprise");
61   build_kanji.thickness(0.9)(build_kanji.level(build_kanji.tb(420,0)
62     (kanji.grsix.respect)
63     (kanji.grtwo.horse)));
64   expand_pbox;
65 enddef;
66
67
68
69 % kyou/odoro "surprise"
70 begintsuglyph("uni9A5A";90);
71   kanji.greight.surprise;
72   tsu_render;
73 endtsuglyph;
74
75 % kou/taka "high"
76 begintsuglyph("uni9AD8";216);
77   kanji.grtwo.high;
78   tsu_render;

```

[see page 2673]

[see page 506]

```

79 endtsuglyph;
80
81 % hyuu/kamigashira "long hair radical"
82 begintsuglyph("uni9ADF";223); [see page 668]
83   kanji.radical.long_hair;
84   tsu_render;
85 endtsuglyph;
86
87 % hatsu/kami "hair of the head"
88 begintsuglyph("uni9AEA";234); [see page 2672]
89   kanji.greight.hair;
90   tsu_render;
91 endtsuglyph;
92
93 _____
94
95 endfont;
96
97 _____

```



## tsuku-9b.mp

```
1 %
2 % Unicode page 9B (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 bottomrad.mp;
37 input buildkanji.mp;
38 input gradeone.mp;
39 input gradetwo.mp;
40
41 do_late_includes;
42
43 

---


44
45 % gyo/sakana "fish"
46 begintsuglyph("uni9B5A;90); [see page 499]
47   kanji.grtwo.fish;
48   tsu_render;
49 endtsuglyph;
50
51 

---


52
53 endfont;
54
55 

---

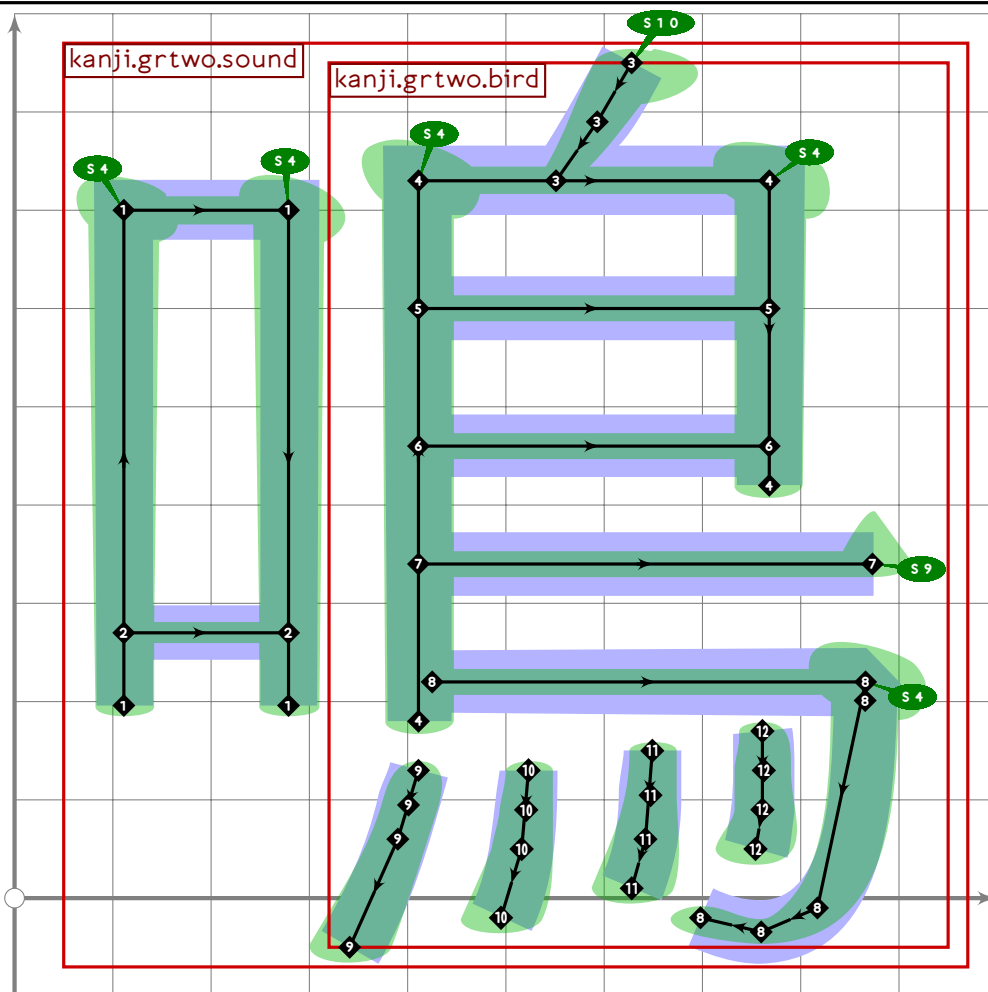

```

# tsuku-9c.mp

```

1 %
2 % Unicode page 9C (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 gradetwo.mp;
38
39 do_late_includes;
40
41

```



```

42
43 vardef kanji.grtwo.sound =

```

```

44  push_pbox_toexpand("kanji.grtwo.sound");
45  build_kanji.lr(330,20)
46    (build_kanji.box((240,700),(760,280)));
47    replace_strokep(0)(oldp shifted (0,-10)));
48    (kanji.grtwo.bird);
49  expand_pbox;
50 enddef;
51
52 

---


53
54 % chou/tori "bird"
55 begintsuglyph("uni9CE5";229); [see page 480]
56   kanji.grtwo.bird;
57   tsu_render;
58 endtsuglyph;
59
60 % mei/na "sound"
61 begintsuglyph("uni9CF4";244); [see page 2676]
62   kanji.grtwo.sound;
63   tsu_render;
64 endtsuglyph;
65
66 

---


67
68 endfont;
69
70 

---



```

# tsuku-9e.mp

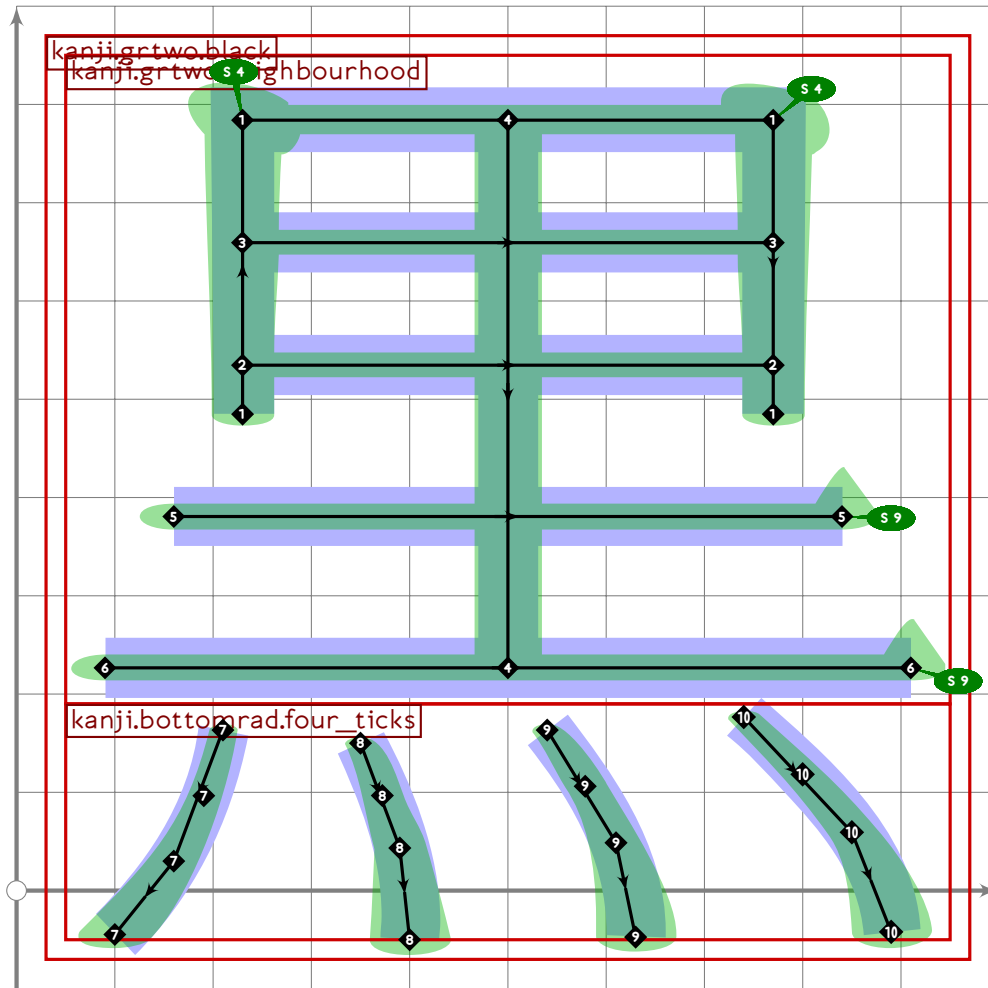
```
1 %
2 % Unicode page 9E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



```

47
48 vardef kanji.grtwo.black =
49   push_pbox_toexpand("kanji.grtwo.black");
50   build_kanji.tb(190,0)
51     (kanji.grtwo.neighbourhood)
52     (kanji.bottomrad.four_ticks);
53   expand_pbox;
54 enddef;
55
56
57
58 % baku/mugi "wheat"
59 beginsuglyph("uni9EA6";166);
60   kanji.grtwo.wheat;
61   tsu_render;
62 endtsuglyph;
63
64 % kou/ki "yellow"
65 beginsuglyph("uni9EC4";196);
66   kanji.grtwo.yellow;
67   tsu_render;

```

[see page 545]

[see page 550]

```
68 endtsuglyph;  
69  
70 % koku/kuro "black"  
71 begintsuglyph("uni9ED2";210); [see page 2679]  
72   kanji.grtwo.black;  
73   tsu_render;  
74 endtsuglyph;  
75  
76 _____  
77  
78 endfont;  
79  
80 _____
```

## tsuku-9f.mp

```
1 %
2 % Unicode page 9F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

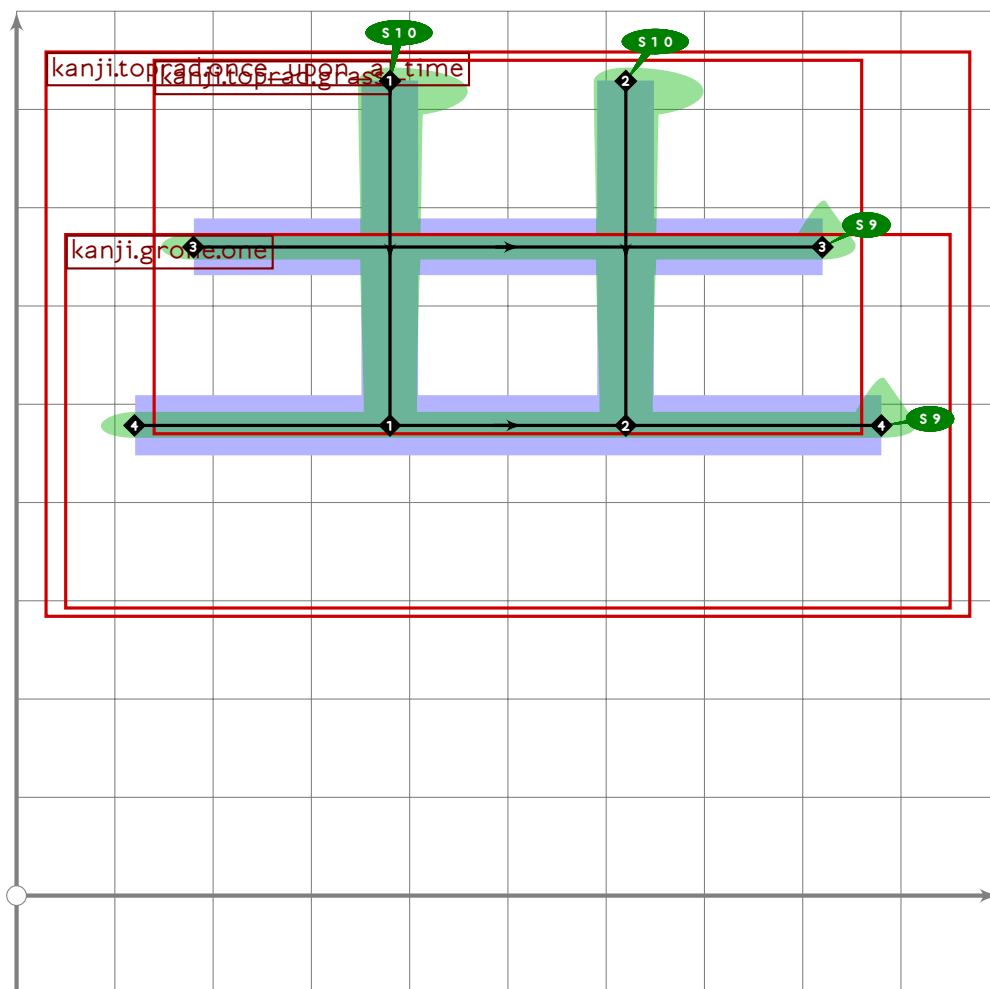
---


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

---


46
47 % bi/hana "nose"
48 begintsuglyph("uni9F3B",59); [see page 577]
49   kanji.grthree.nose;
50   tsu_render;
51 endtsuglyph;
52
```

U+9FB7  
tsuku.uni9FB7



53 % extra: top radical from "once upon a time"

54 begintsuglyph("uni9FB7";183);

55 build\_kanji.tb(420,-100)

56 (kanji.toprad.once\_upon\_a\_time)

57 ();

58 tsu\_render;

59 endtsuglyph;

60

61 \_\_\_\_\_

62

63 endfont;

64

65 \_\_\_\_\_