

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

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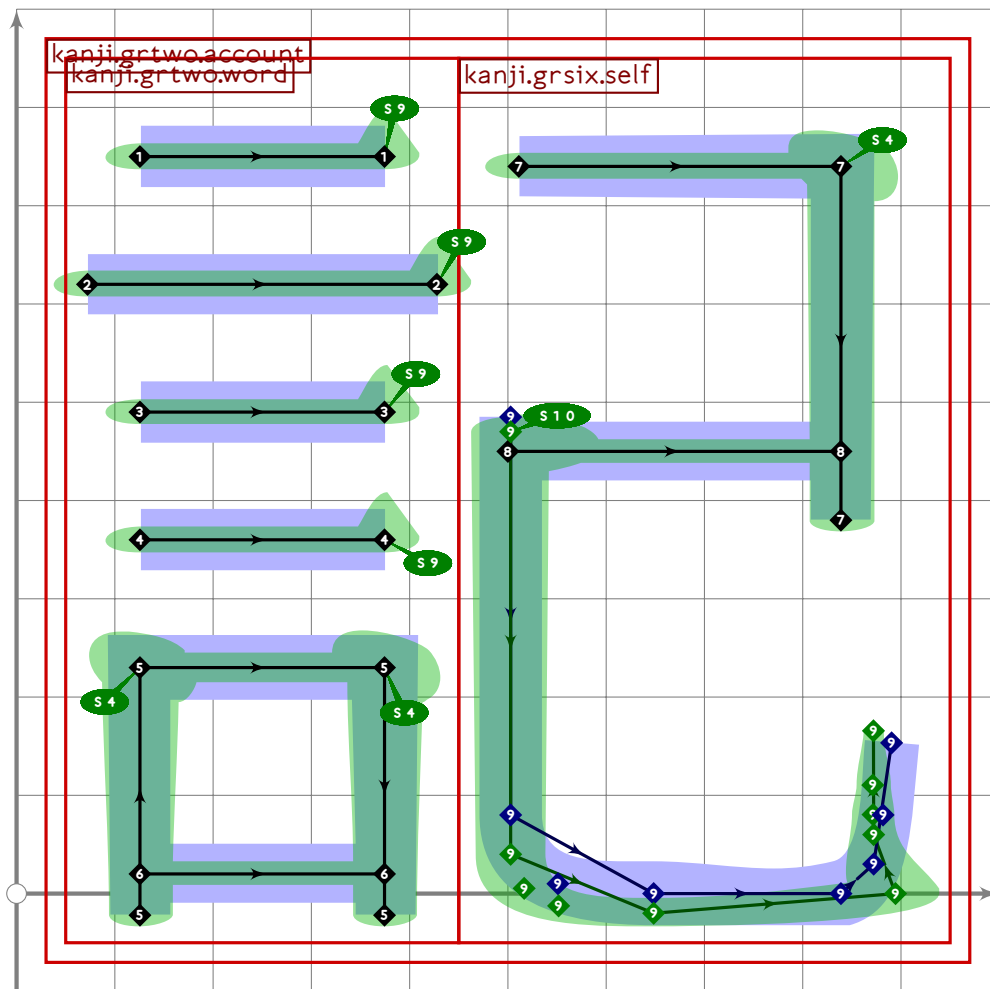
```
1 %
2 % Unicode page 8A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input 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 

---


```

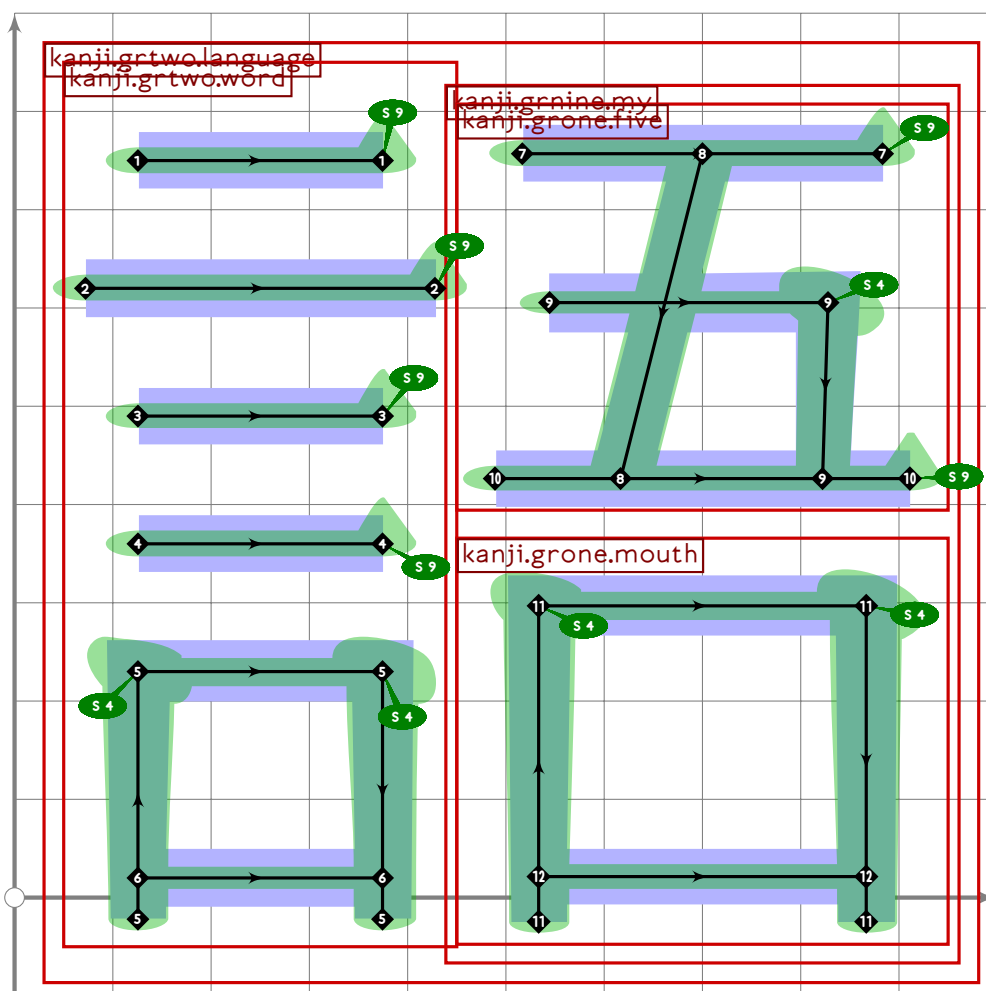


```

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;

```

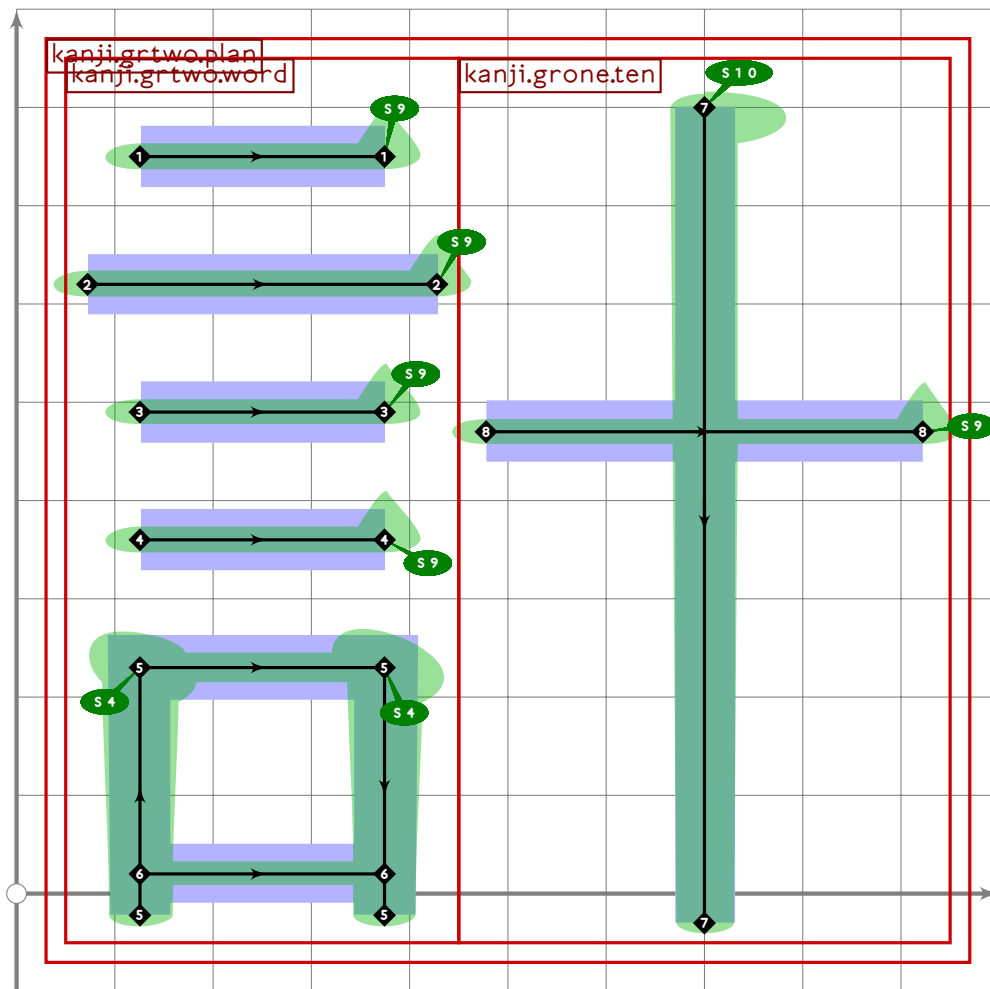




```

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;

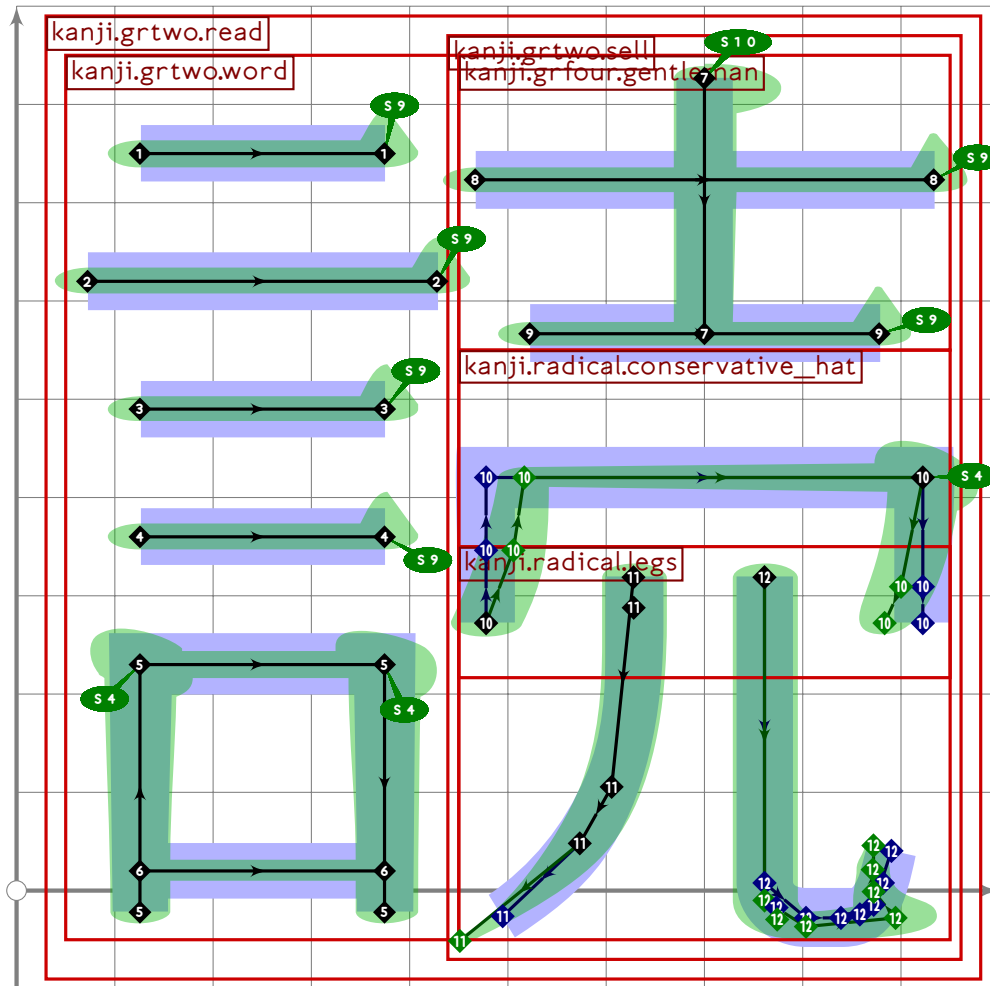
```



```

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_strokep(0)(oldp shifted (0,70))));
78   expand_pbox;
79 enddef;

```

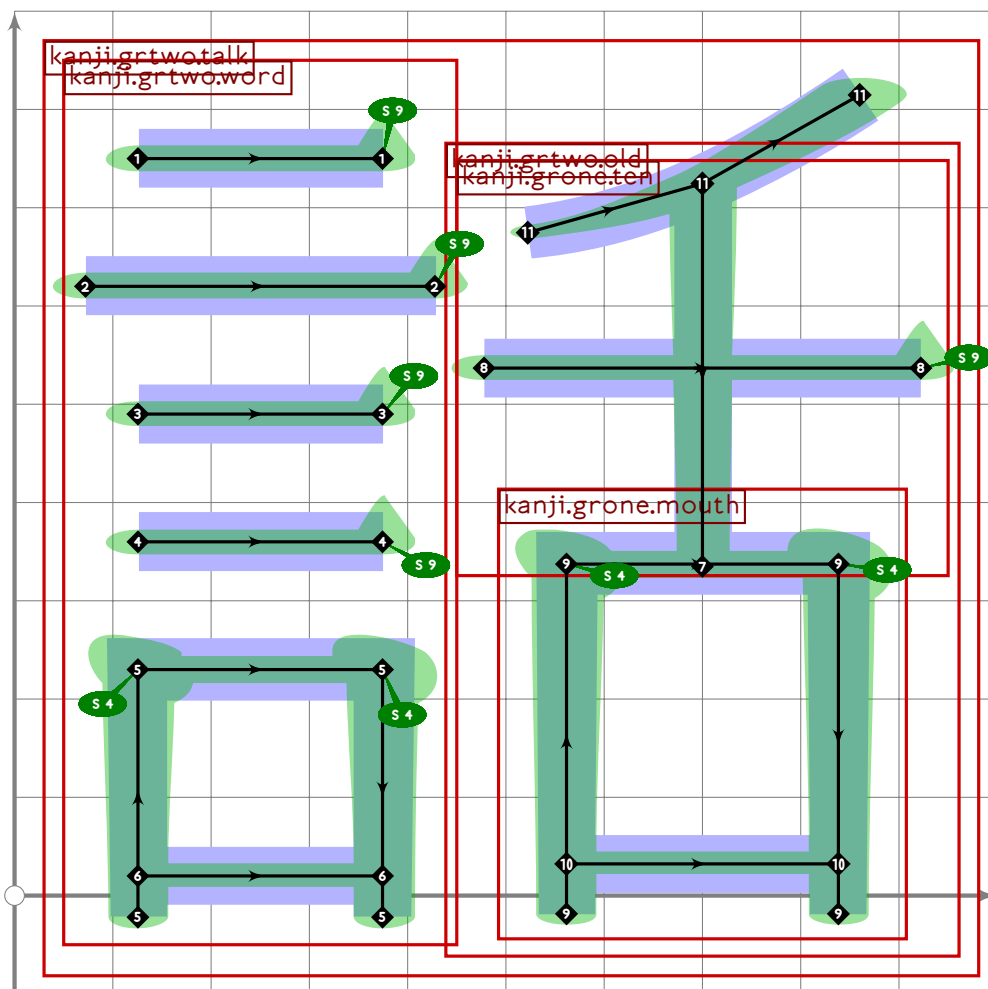


```

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;

```

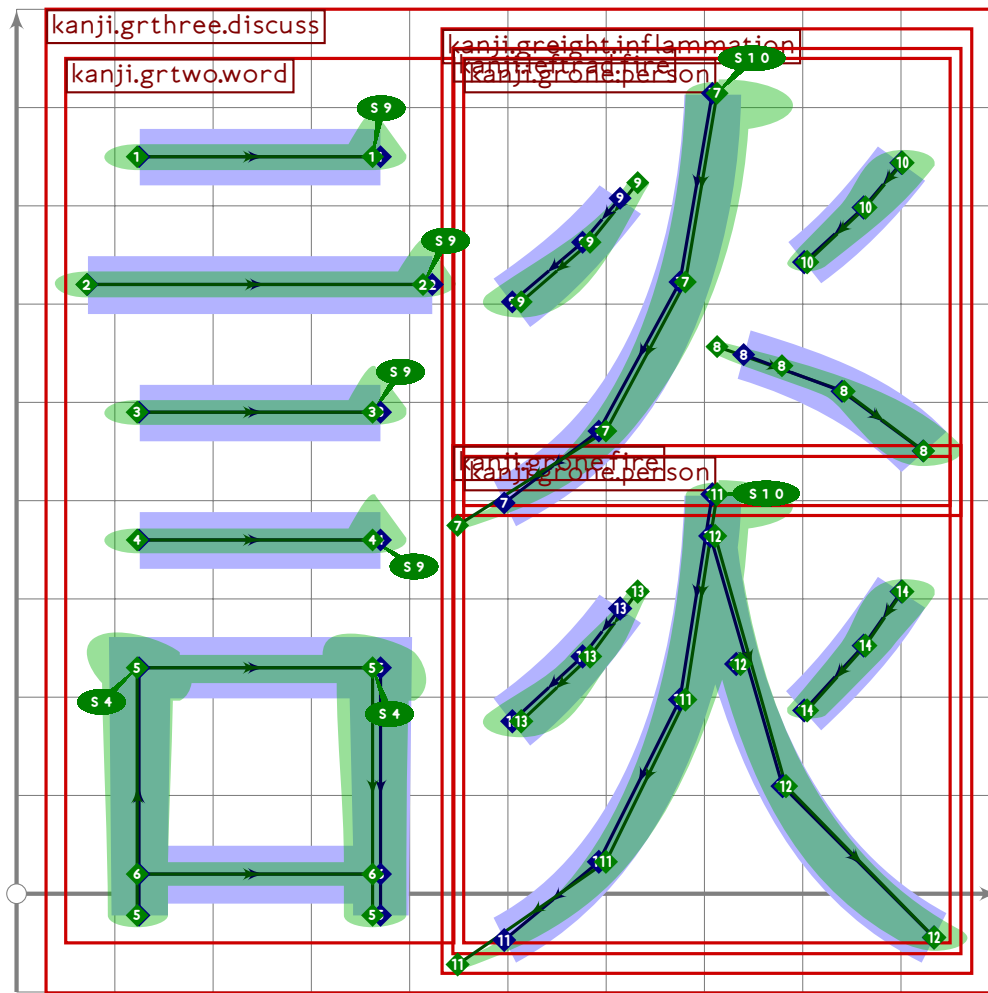
8A



```

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

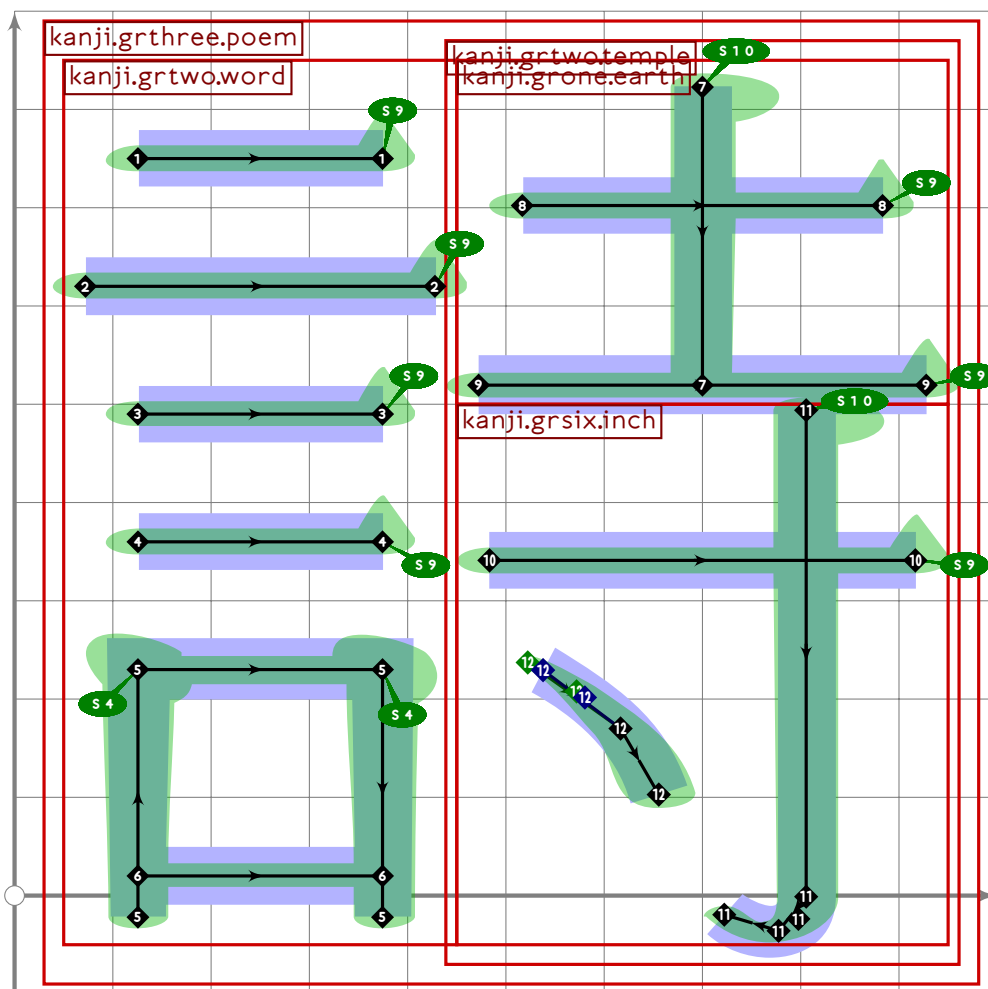
```



```

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;

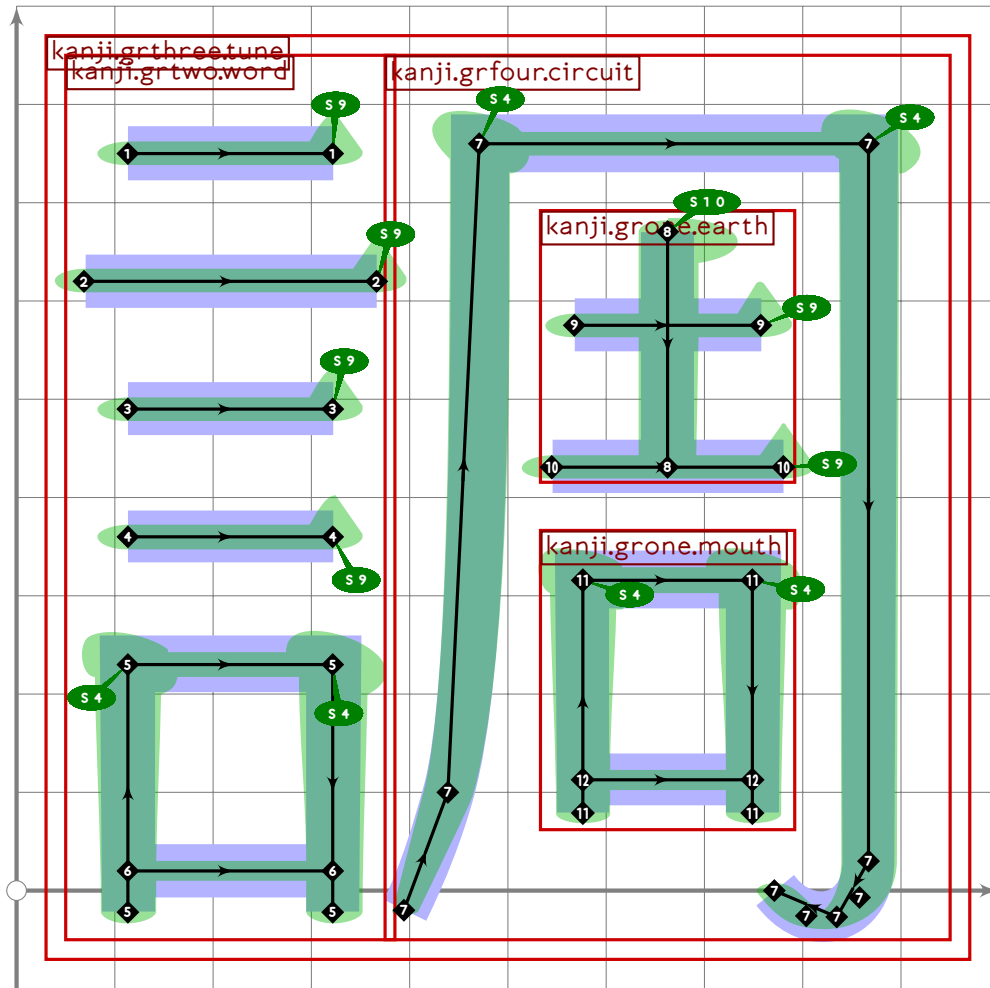
```



```

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;

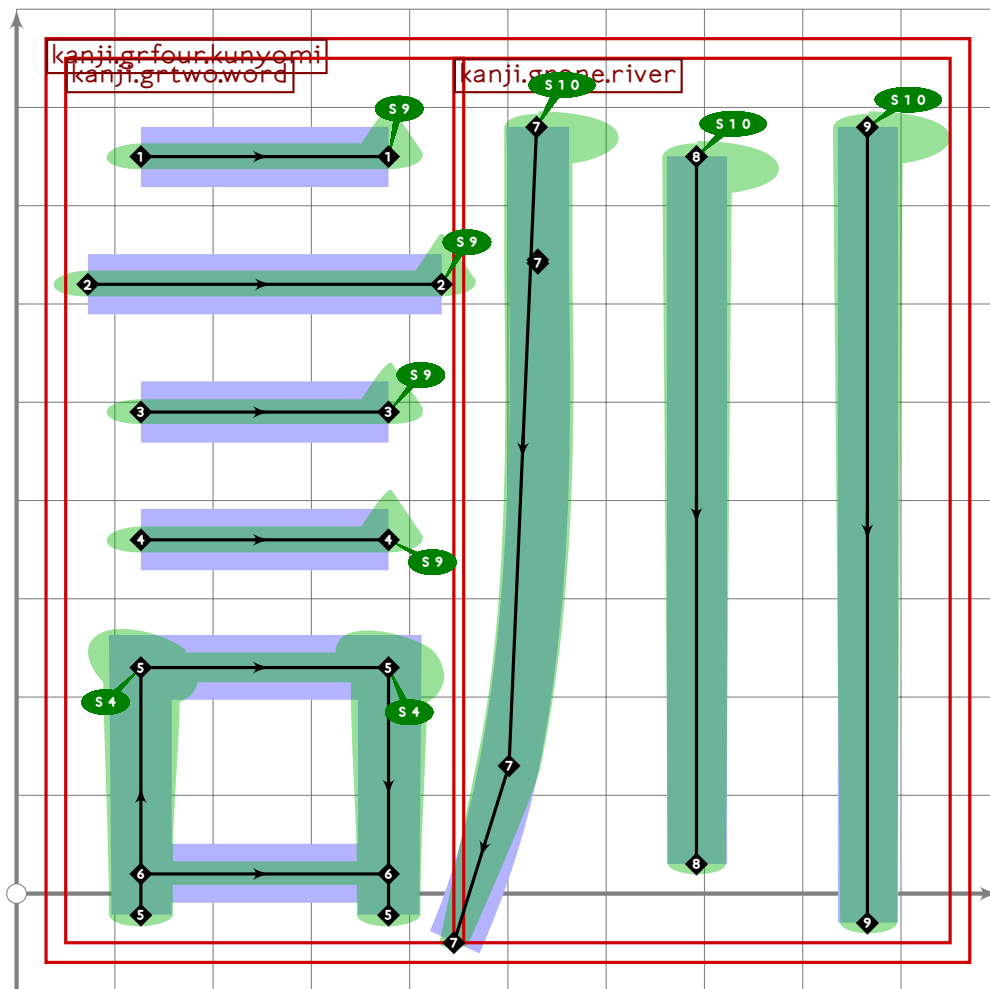
```



```

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

```

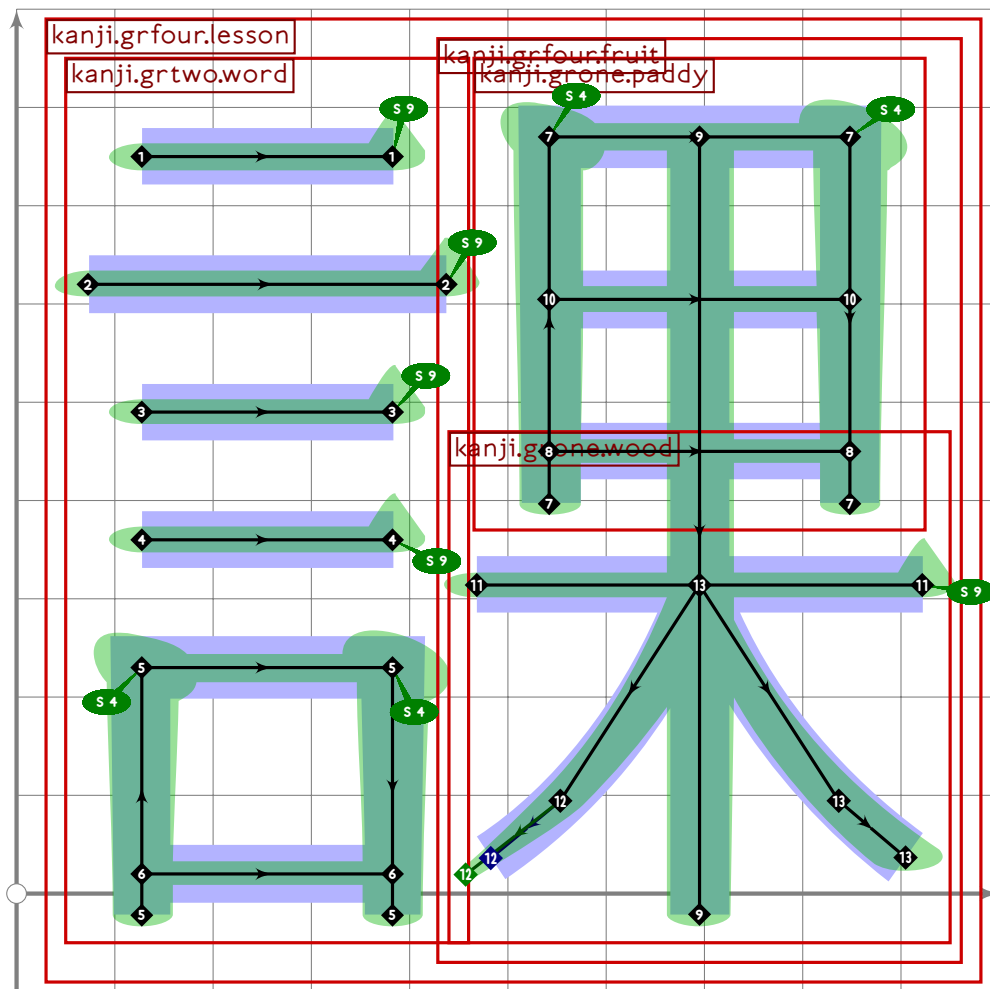


```

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;

```



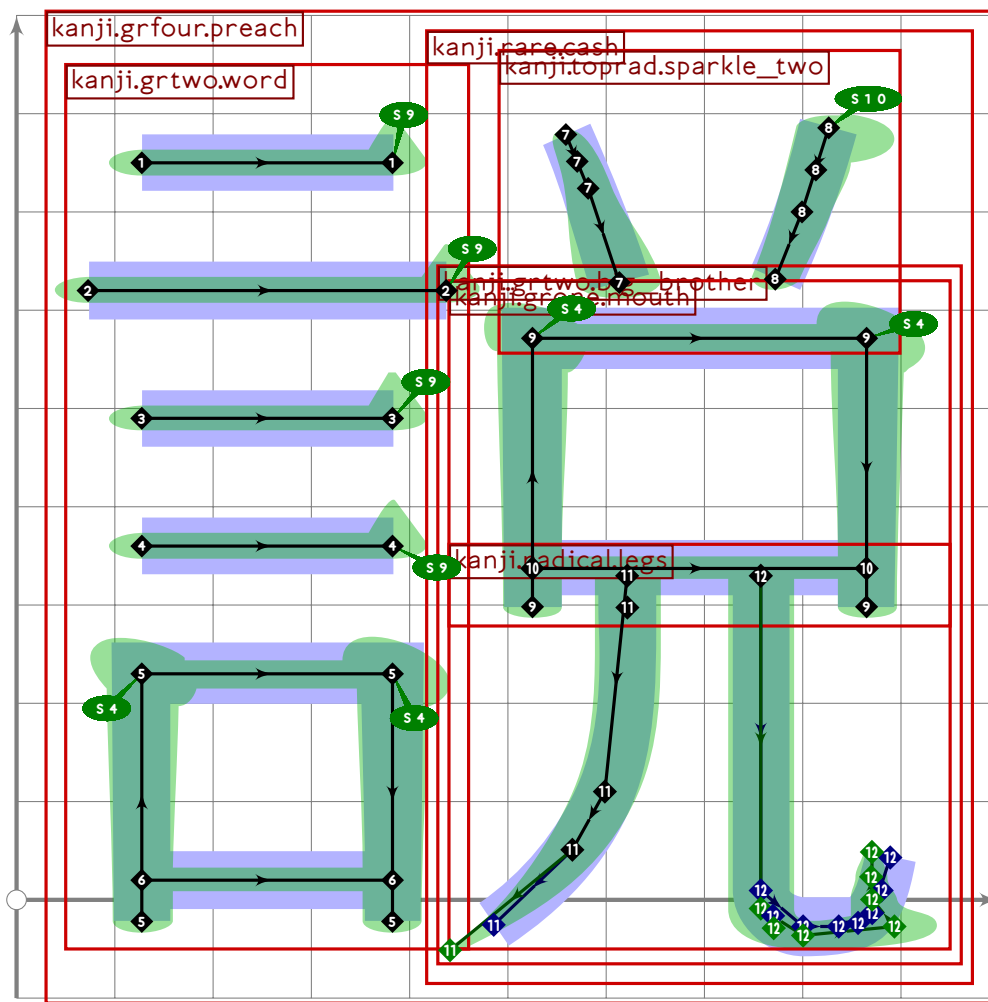


```

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;

```

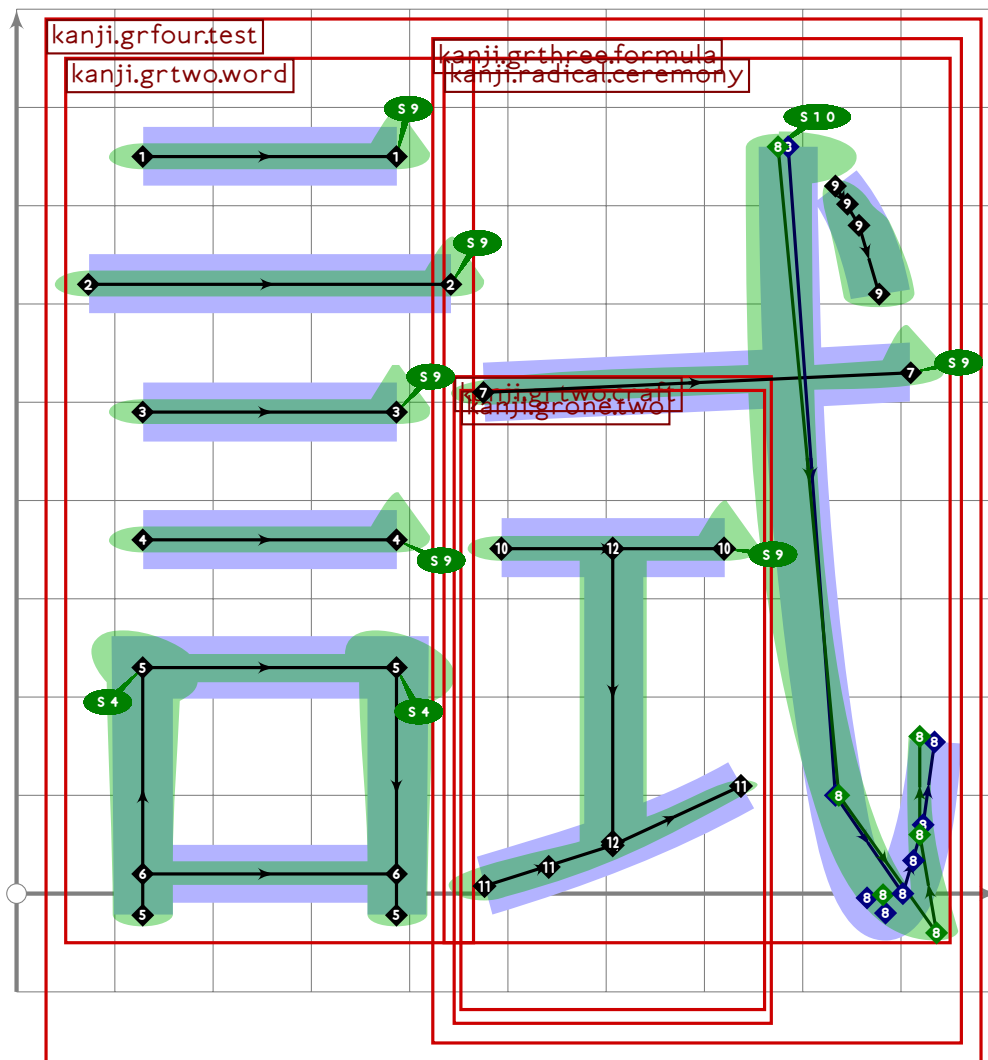
8A



```

141
142 vardef kanji.grfour.preach =
143   push_pbox_toexpand("kanji.grfour.preach");
144   build_kanji.level(build_kanji.lr(450,20)
145     (kanji.grtwo.word)
146     (kanji.rare.cash));
147   expand_pbox;
148 enddef;

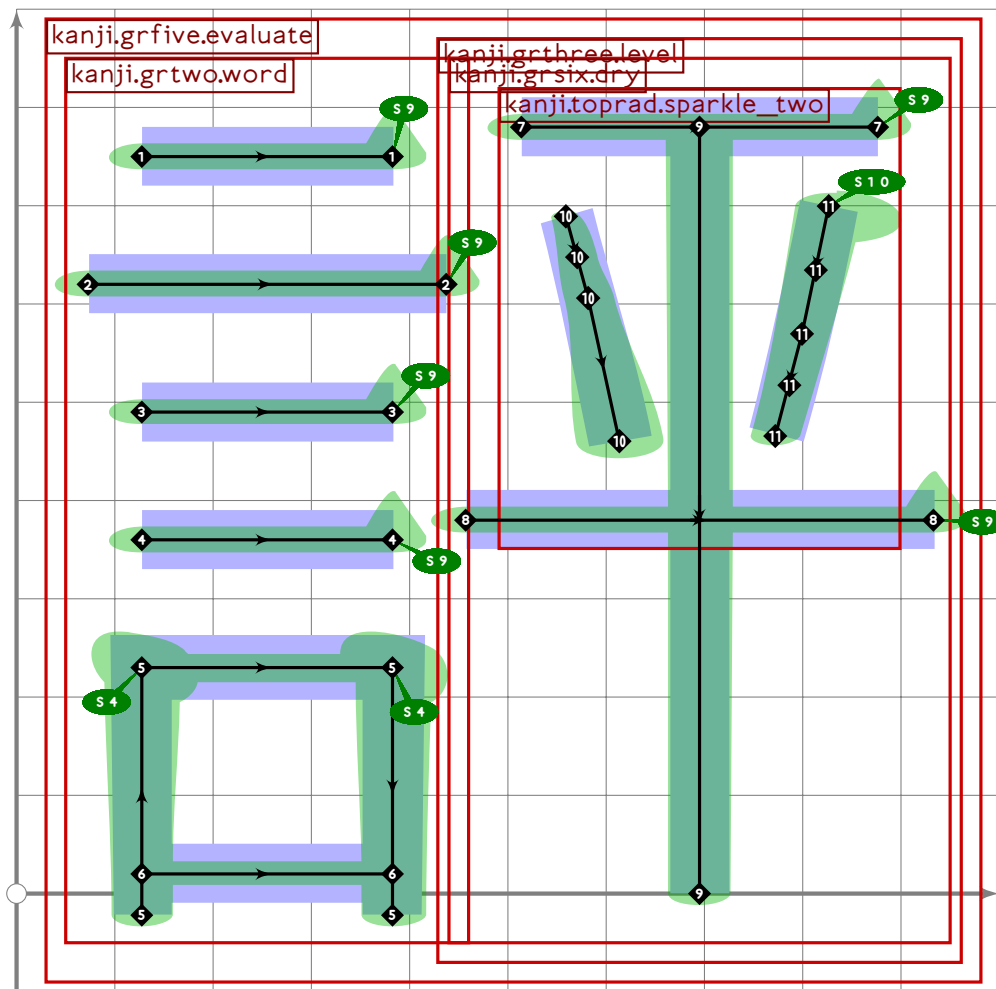
```



```

149
150 vardef kanji.grfour.test =
151   push_pbox_toexpand("kanji.grfour.test");
152   build_kanji.level(build_kanji.lr(450,30)
153     (kanji.grtwo.word)
154     (kanji.grthree.formula));
155   expand_pbox;
156 enddef;
157
158

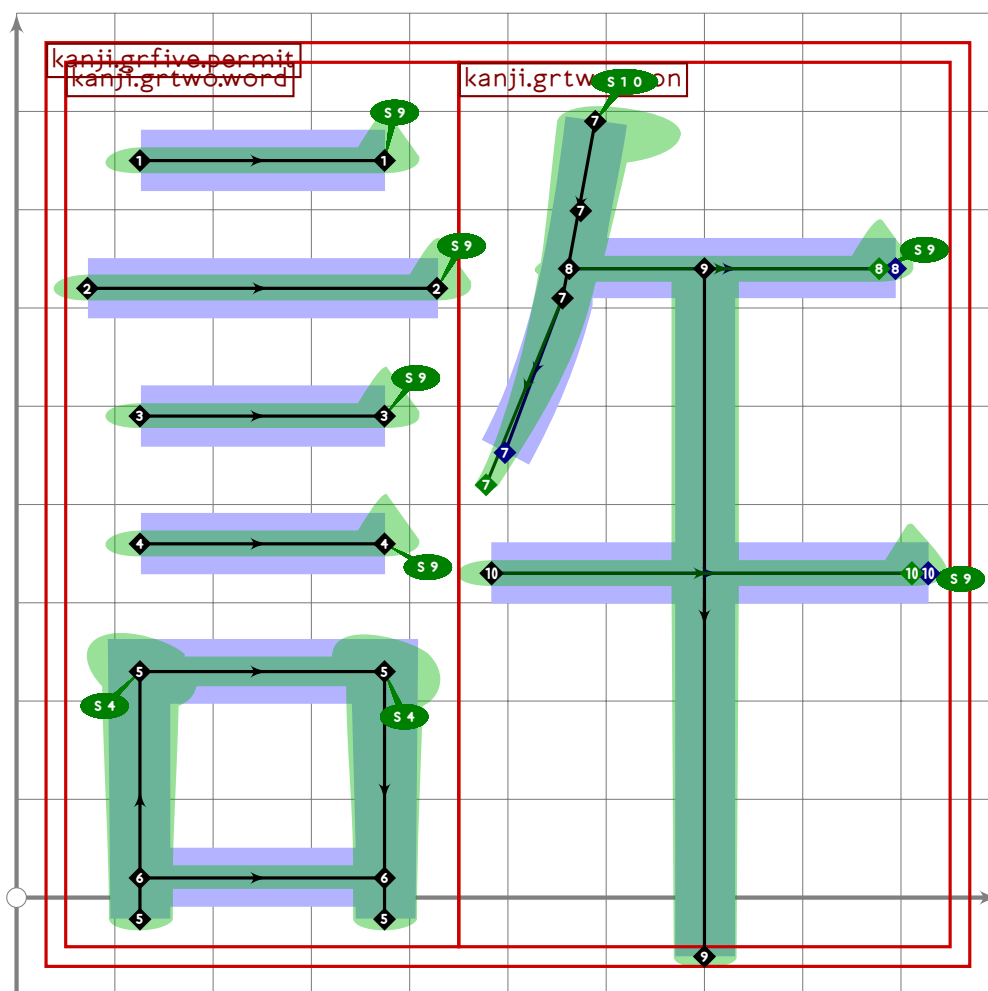
```



```

159
160 vardef kanji.grfive.evaluate =
161   push_pbox_toexpand("kanji.grfive.evaluate");
162   build_kanji.level(build_kanji.lr(450,20)
163     (kanji.grtwo.word)
164     (kanji.grthree.level));
165   expand_pbox;
166 enddef;

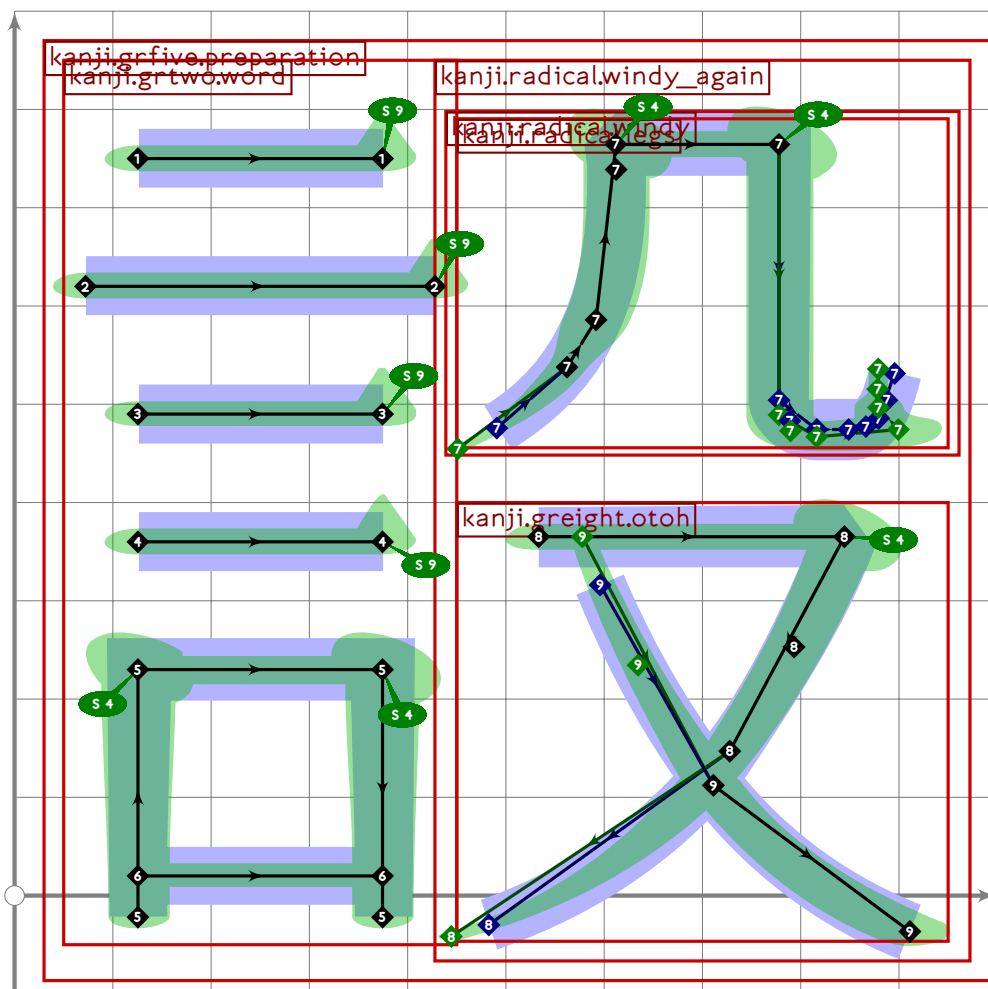
```



```

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

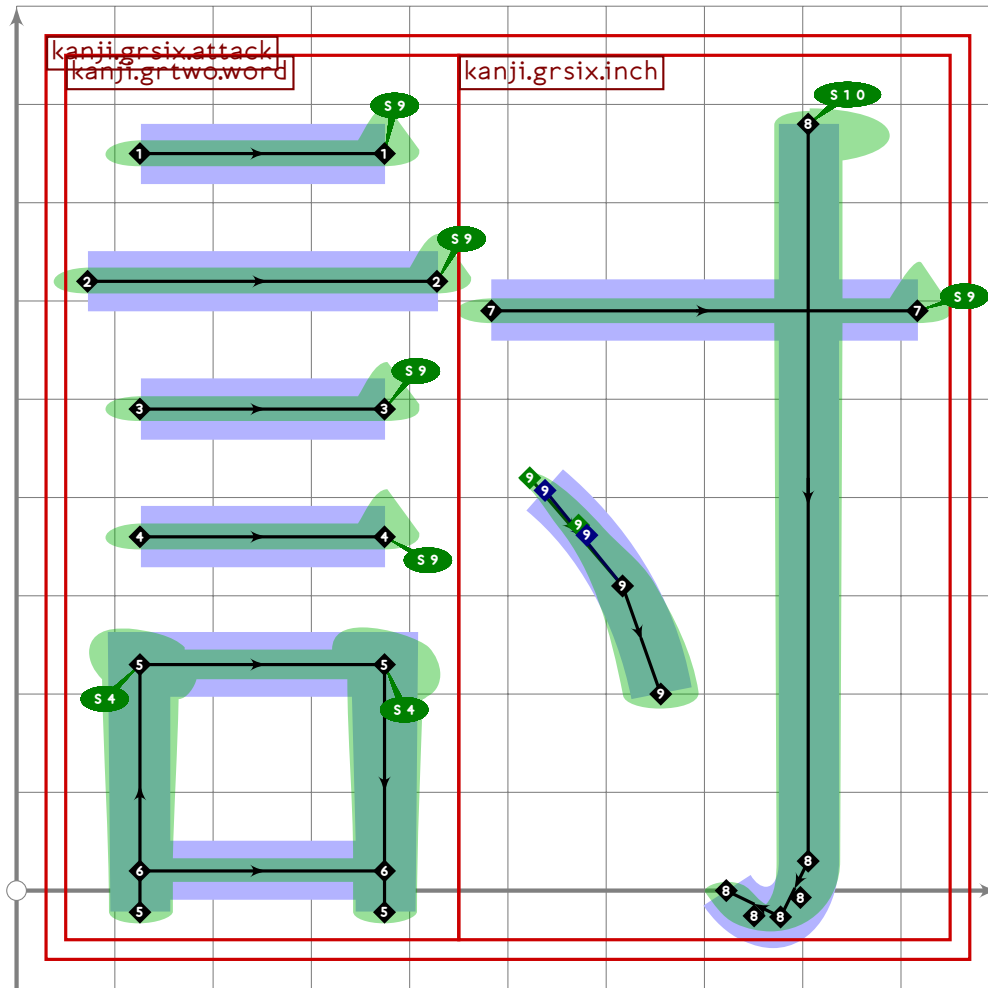
```



```

175
176 vardef kanji.grfive.preparation =
177   push_pbox_toexpand("kanji.grfive.preparation");
178   build_kanji.level(build_kanji.lr(450,0)
179     (kanji.grtwo.word)
180     (kanji.radical.windy_again));
181   expand_pbox;
182 enddef;
183
184

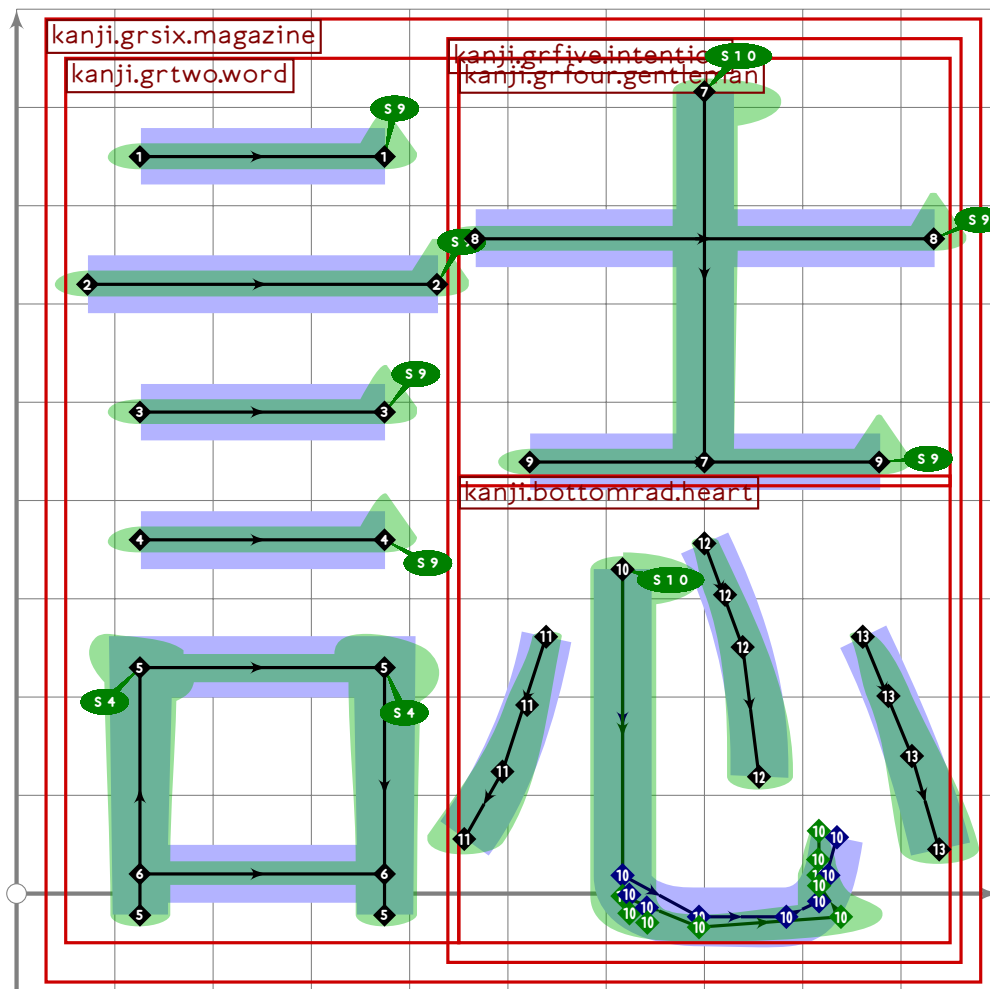
```



```

185
186 vardef kanji.grsix.attack =
187   push_pbox_toexpand("kanji.grsix.attack");
188   build_kanji.level(build_kanji.lr(450,0)
189     (kanji.grtwo.word)
190     (kanji.grsix.inch));
191   expand_pbox;
192 enddef;

```

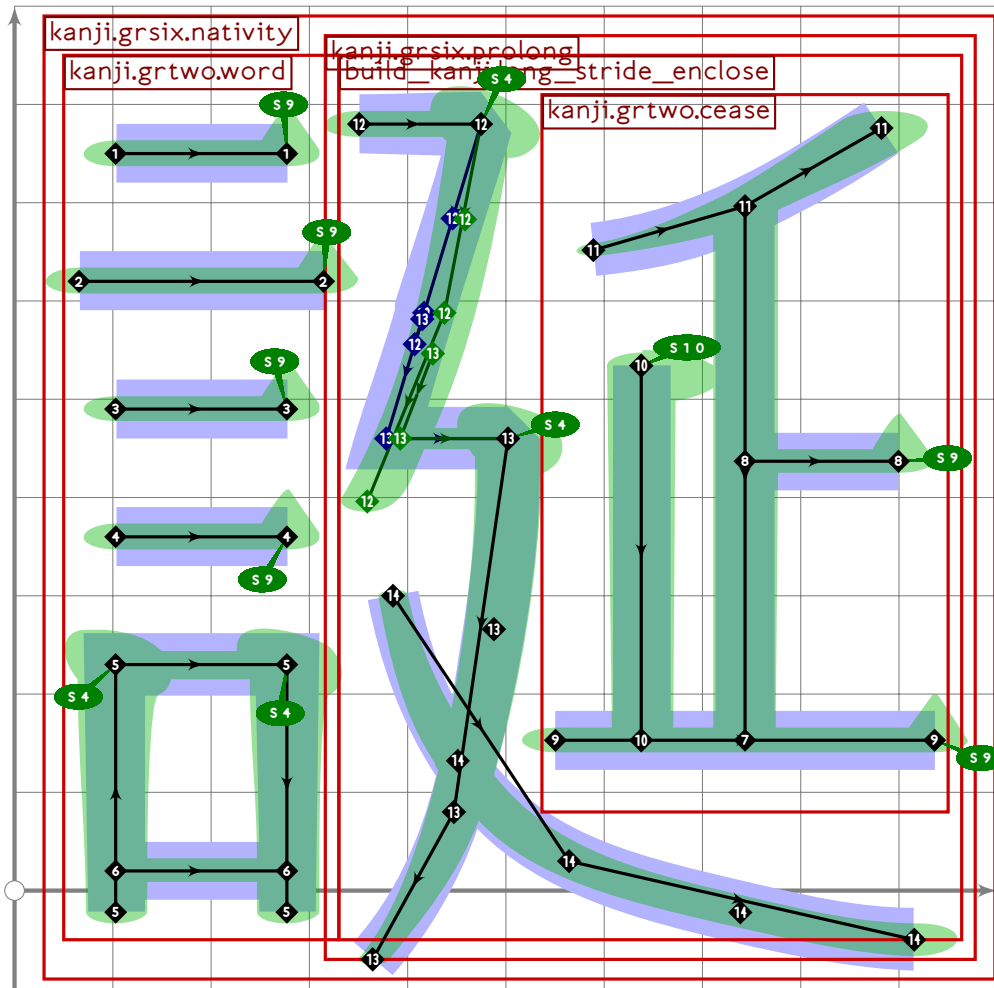


```

193
194 vardef kanji.grsix.magazine =
195   push_pbox_toexpand("kanji.grsix.magazine");
196   build_kanji.level(build_kanji.lr(450,0)
197     (kanji.grtwo.word)
198     (kanji.grfive.intention));
199   expand_pbox;
200 enddef;

```

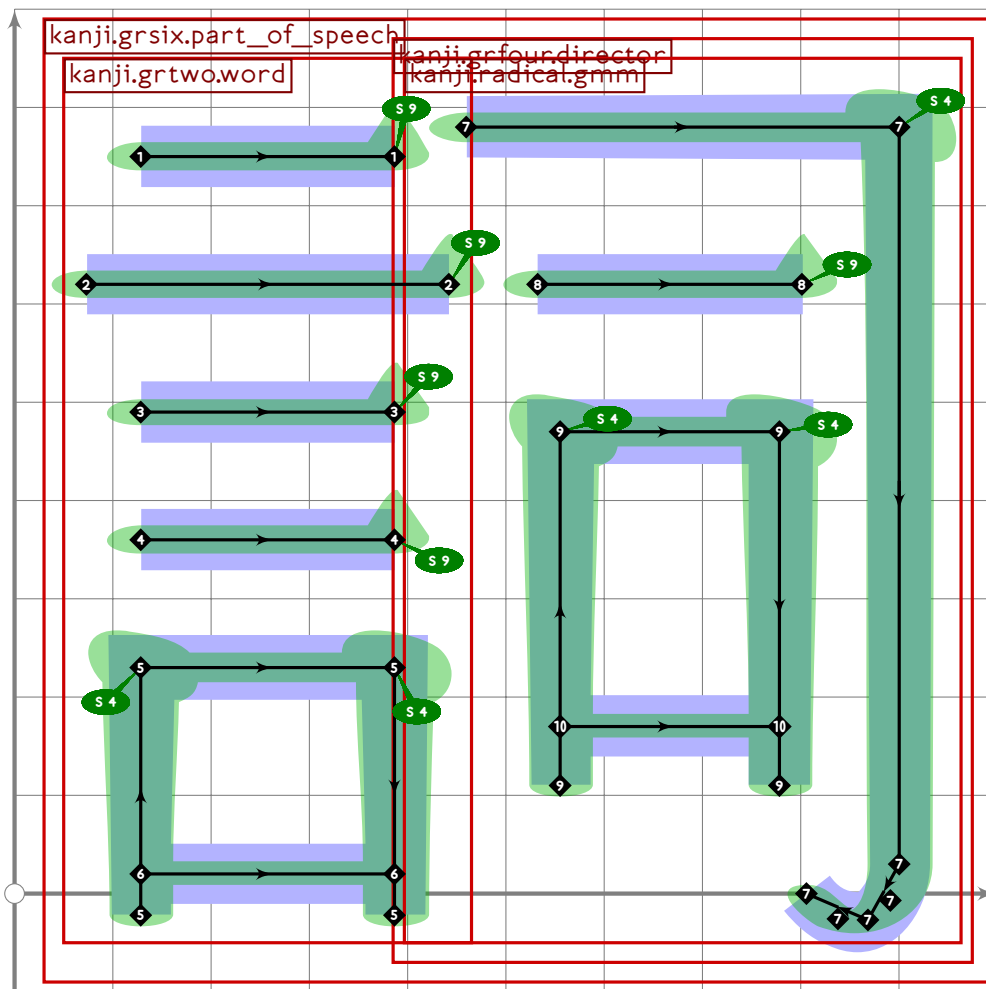




```

201
202 vardef kanji.grsix.nativity =
203   push_pbox_toexpand("kanji.grsix.nativity");
204   build_kanji.level(build_kanji.lr(330,0)
205     (kanji.grtwo.word)
206     (kanji.grsix.prolong));
207   expand_pbox;
208 enddef;

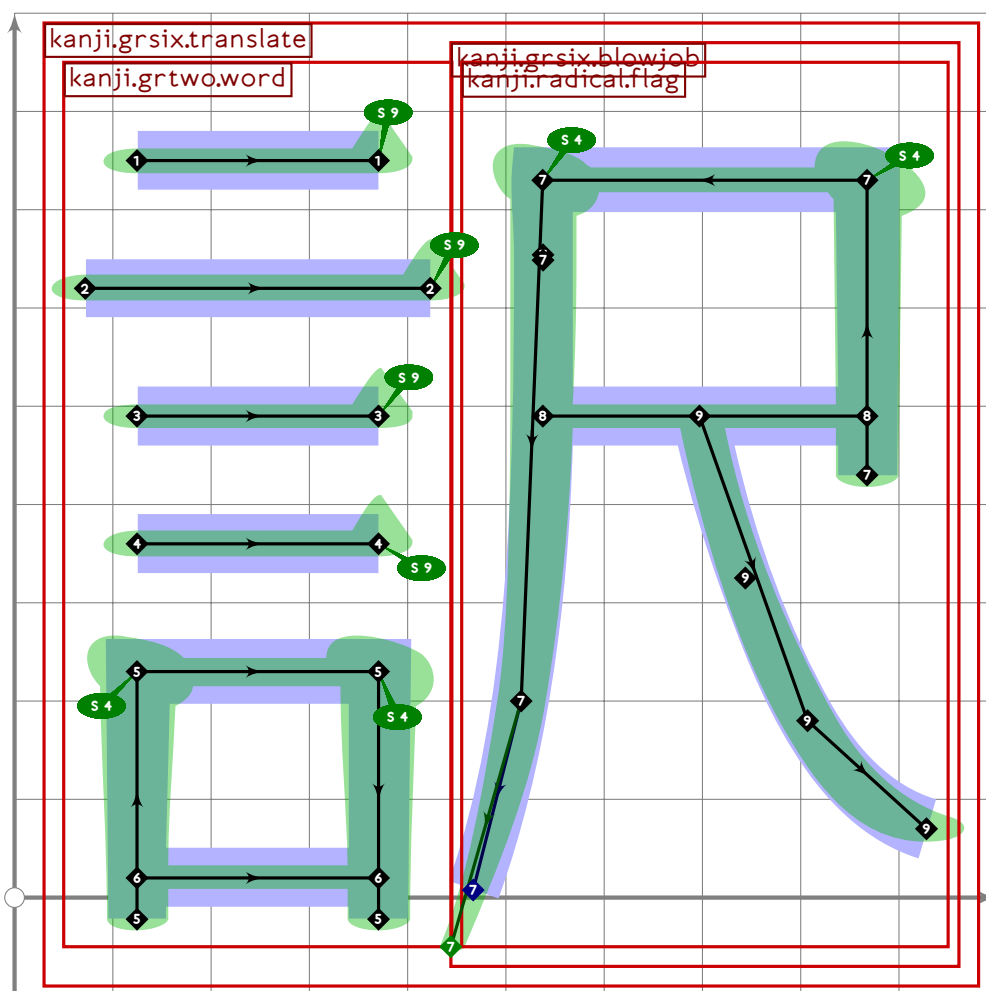
```



```

209
210 vardef kanji.grsix.part_of_speech =
211   push_pbox_toexpand("kanji.grsix.part_of_speech");
212   build_kanji.level(build_kanji.lr(450,30)
213     (kanji.grtwo.word)
214     (kanji.grfour.director));
215   expand_pbox;
216 enddef;

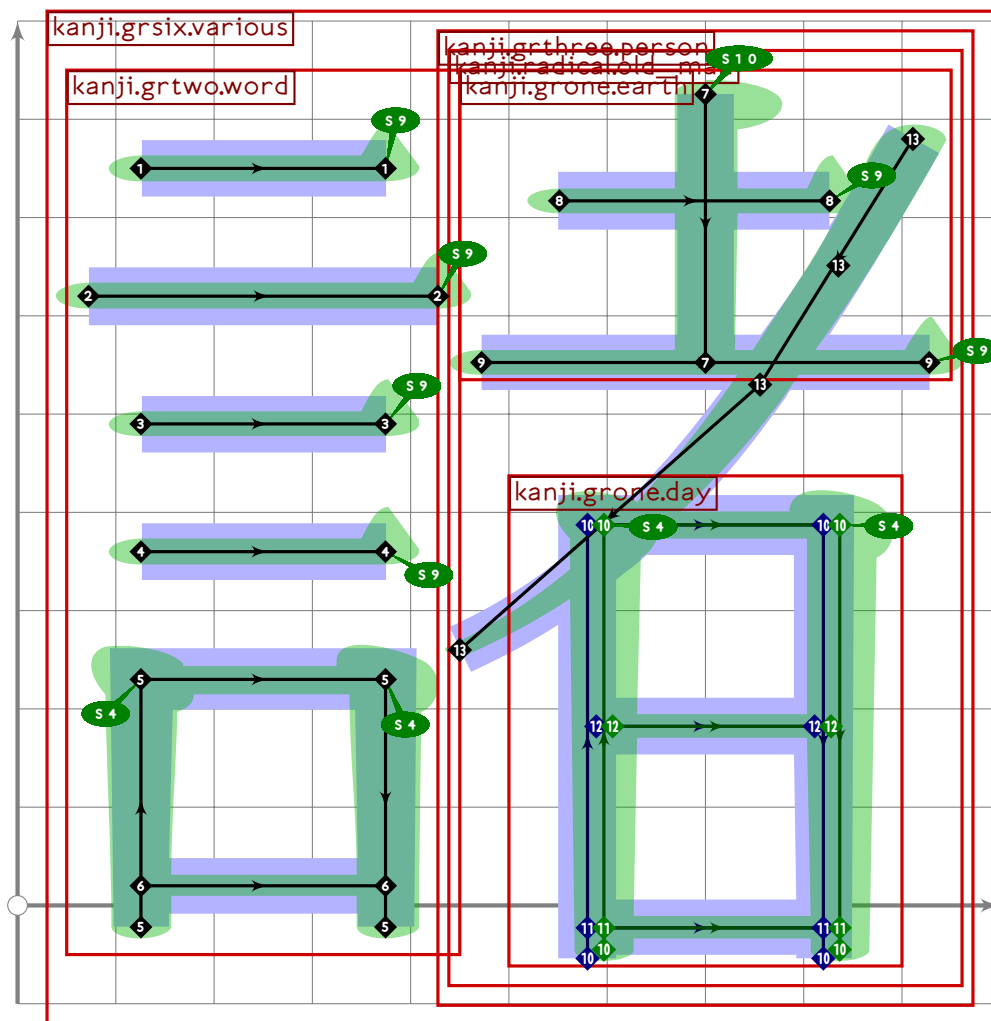
```



```

217
218 vardef kanji.grsix.translate =
219   push_pbox_toexpand("kanji.grsix.translate");
220   build_kanji.level(build_kanji.lr(450,-10)
221     (kanji.grtwo.word)
222     (kanji.grsix.blowjob));
223   expand_pbox;
224 enddef;

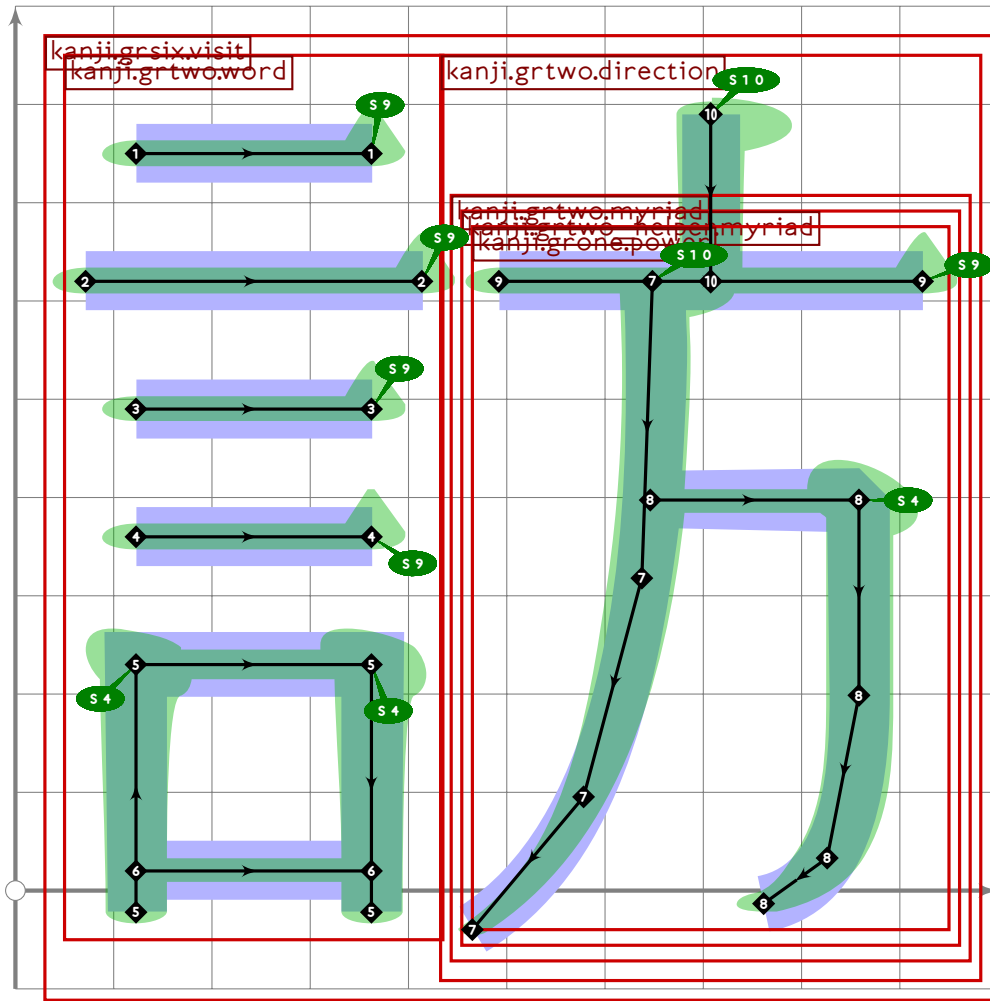
```



```

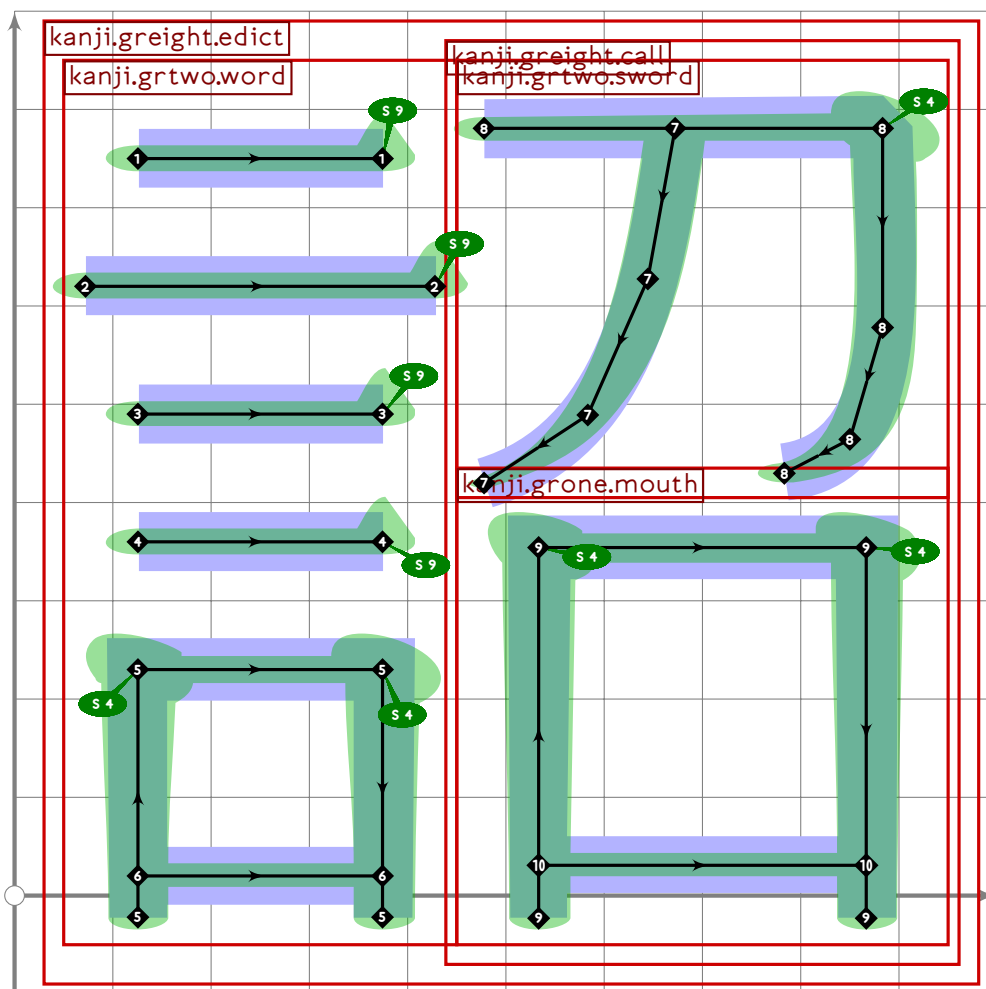
225
226 vardef kanji.grsix.various =
227   push_pbox_toexpand("kanji.grsix.various");
228   build_kanji.level(build_kanji.lr(450,0)
229     (kanji.grtwo.word)
230     (kanji.grthree.person));
231   expand_pbox;
232 enddef;

```



```

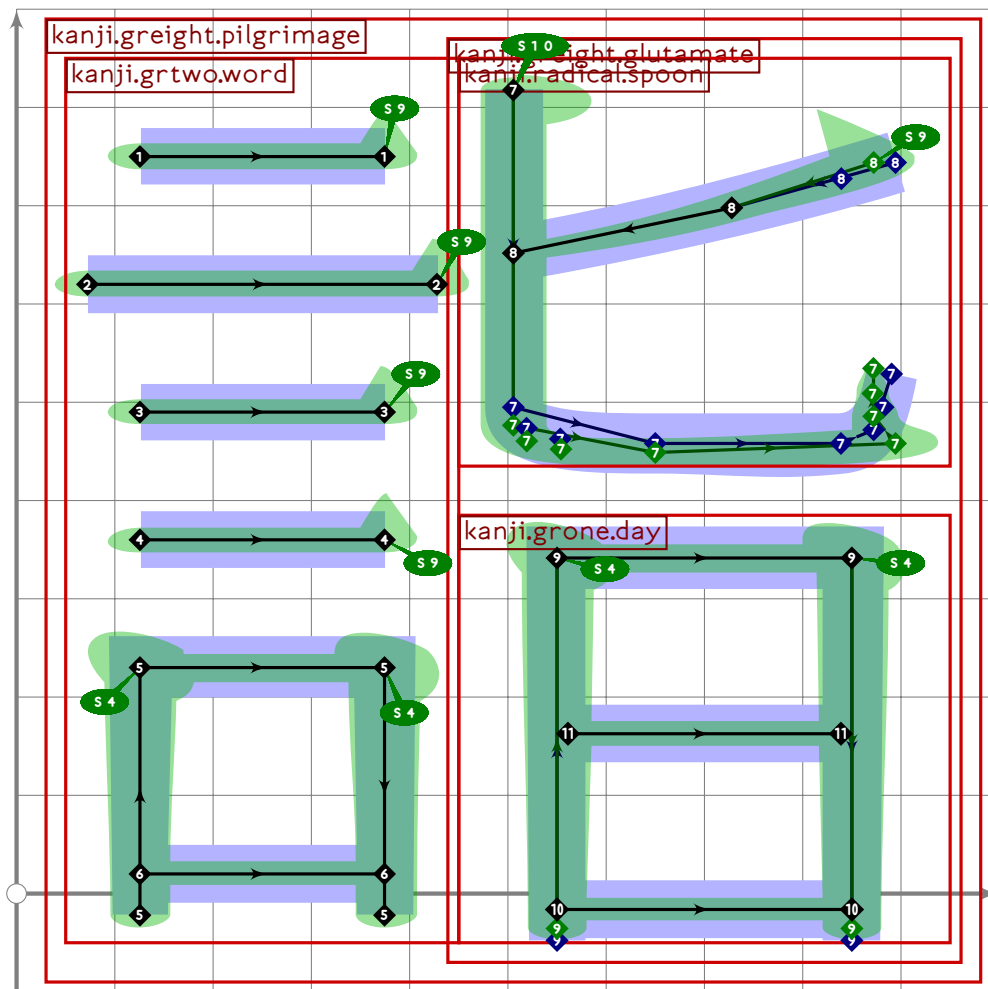
233
234 vardef kanji.grsix.visit =
235   push_pbox_toexpand("kanji.grsix.visit");
236   build_kanji.level(build_kanji.lr(450,30)
237     (kanji.grtwo.word)
238     (kanji.grtwo.direction));
239   expand_pbox;
240 enddef;
241
242
```



```

243
244 vardef kanji.greight.edict =
245   push_pbox_toexpand("kanji.greight.edict");
246   build_kanji.level(build_kanji.lr(450,0)
247     (kanji.grtwo.word)
248     (kanji.greight.call));
249   expand_pbox;
250 enddef;

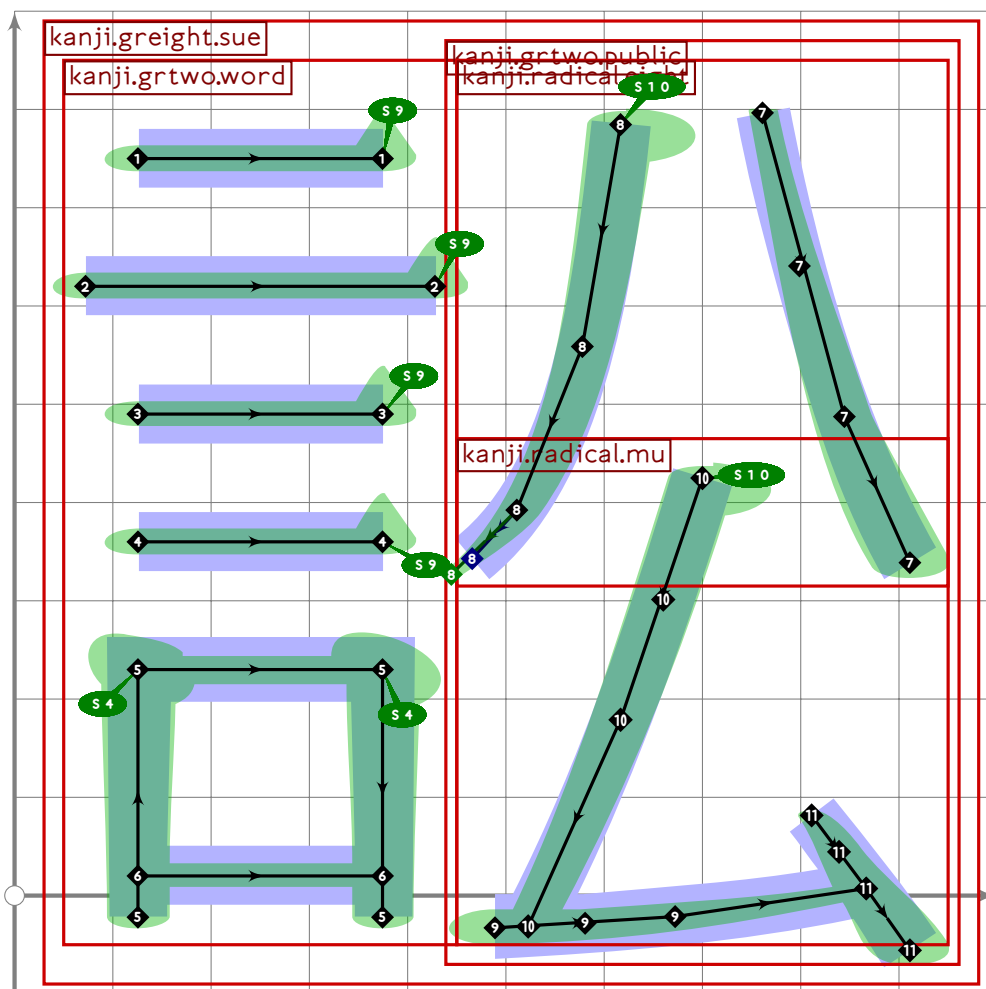
```



```

251
252 vardef kanji.greight.pilgrimage =
253   push_pbox_toexpand("kanji.greight.pilgrimage");
254   build_kanji.level(build_kanji.lr(450,0)
255     (kanji.grtwo.word)
256     (kanji.greight.glutamate));
257   expand_pbox;
258 enddef;
259
260 vardef kanji.greight.revise =
261   push_pbox_toexpand("kanji.greight.revise");
262   build_kanji.level(build_kanji.lr(450,0)
263     (kanji.grtwo.word)
264     (kanji.grthree.thumbtack));
265   expand_pbox;
266 enddef;

```



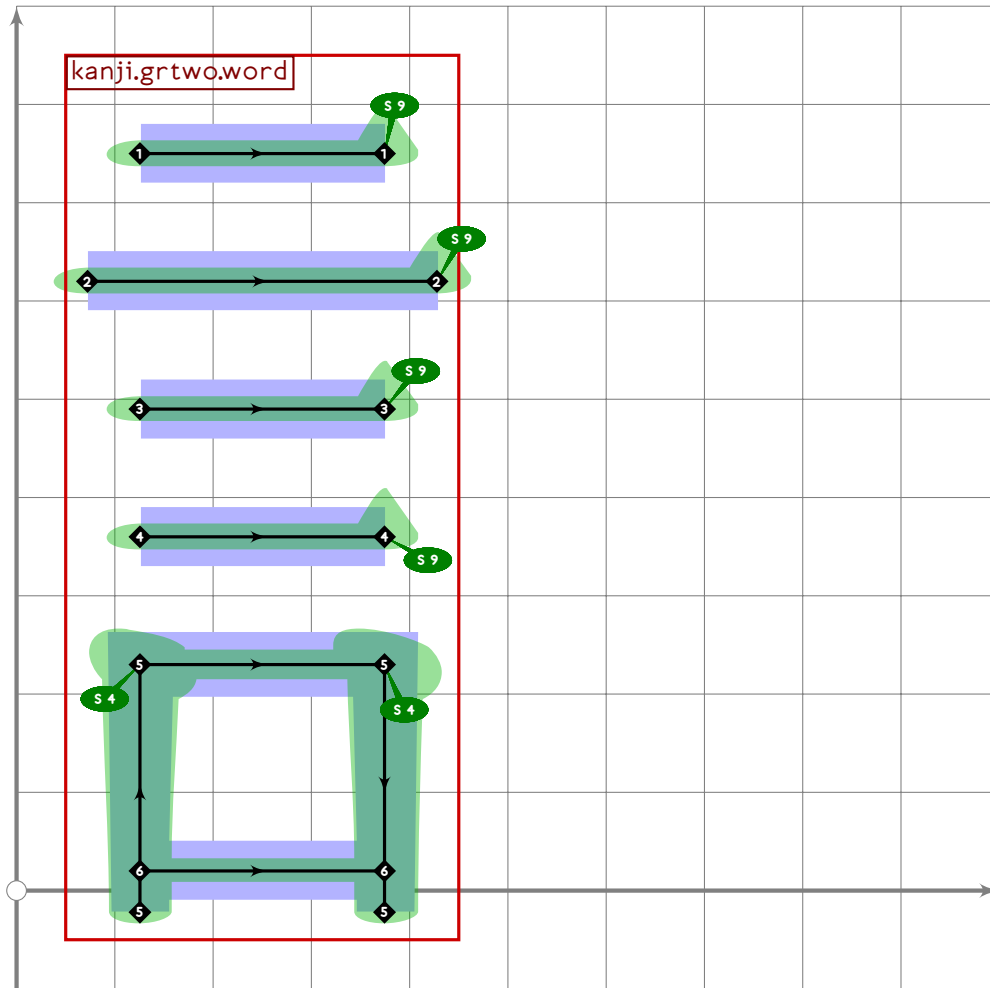
```

267
268 vardef kanji.greight.sue =
269   push_pbox_toexpand("kanji.greight.sue");
270   build_kanji.level(build_kanji.lr(450,0)
271     (kanji.grtwo.word)
272     (kanji.grtwo.public));
273   expand_pbox;
274 enddef;
275
276
277
278 % gen/i "word"
279 begint Suglyph("uni8A00",0);
280   kanji.grtwo.word;
281   tsu_render;
282 endtsuglyph;
283

```

[see page 554]



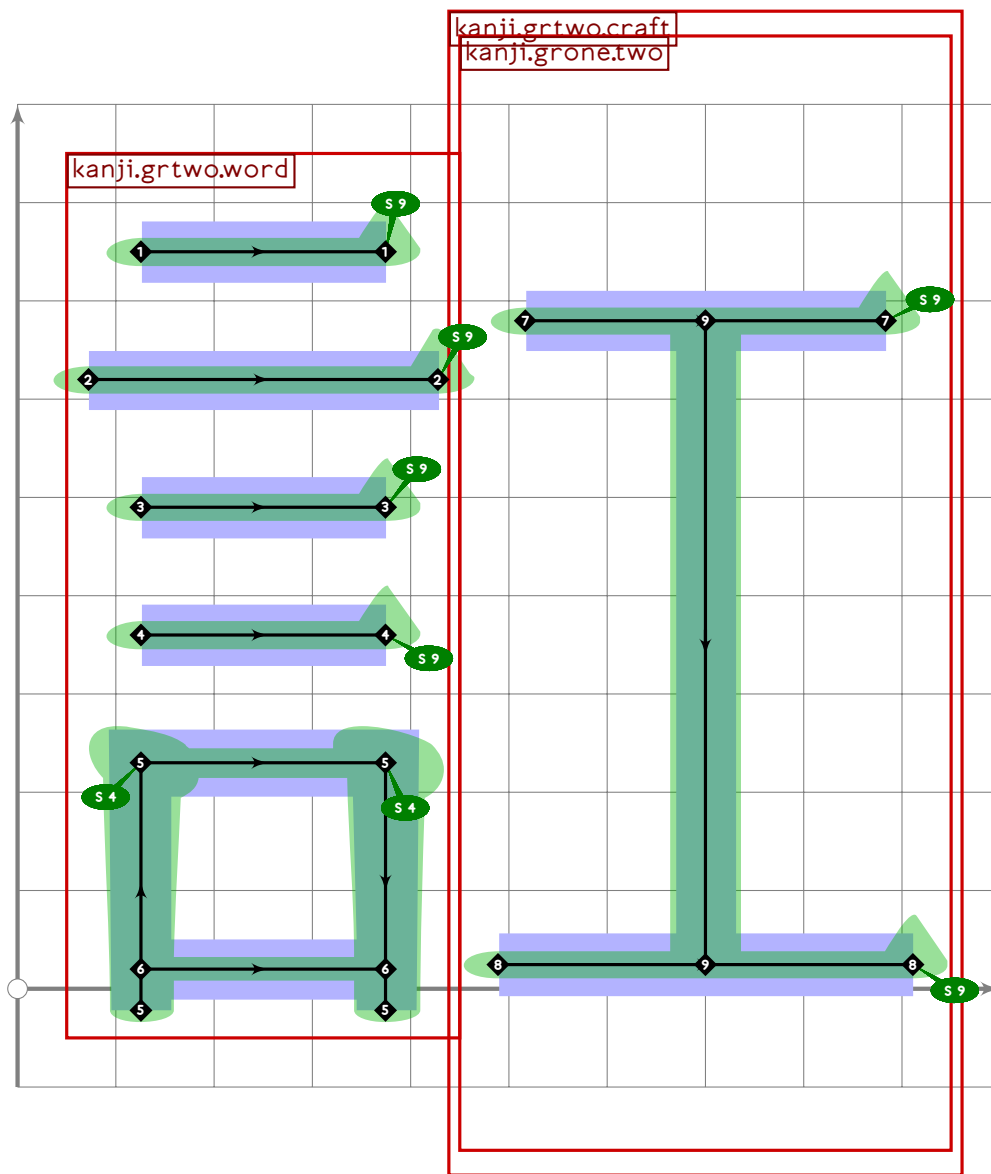


```

284 % extra (word left radical)
285 begintsuglyph("uni8A01";1);
286   build_kanji.lr(450,0)
287     (kanji.grtwo.word)
288   ();
289   tsu_render;
290 endtsuglyph;
291
292 % kei/haka "plan"
293 begintsuglyph("uni8A08";8);
294   kanji.grtwo.plan;
295   tsu_render;
296 endtsuglyph;
297

```

[see page 2688]



```

298 % extra: kou "become confused"
299 begintsuglyph("uni8A0C";12);
300   build_kanji.level(build_kanji.lr(450,0)
301     (kanji.grtwo.word)
302     (build_kanji.sscale(yscaled 1.26)(kanji.grtwo.craft)));
303   tsu_render;
304 endtsuglyph;
305
306 % tou/u "attack"
307 begintsuglyph("uni8A0E";14);
308   kanji.grsix.attack;
309   tsu_render;
310 endtsuglyph;
311
312 % kun "native Japanese kanji pronunciation"
313 % of course "kun" is the "on" reading of this kanji, don't be silly

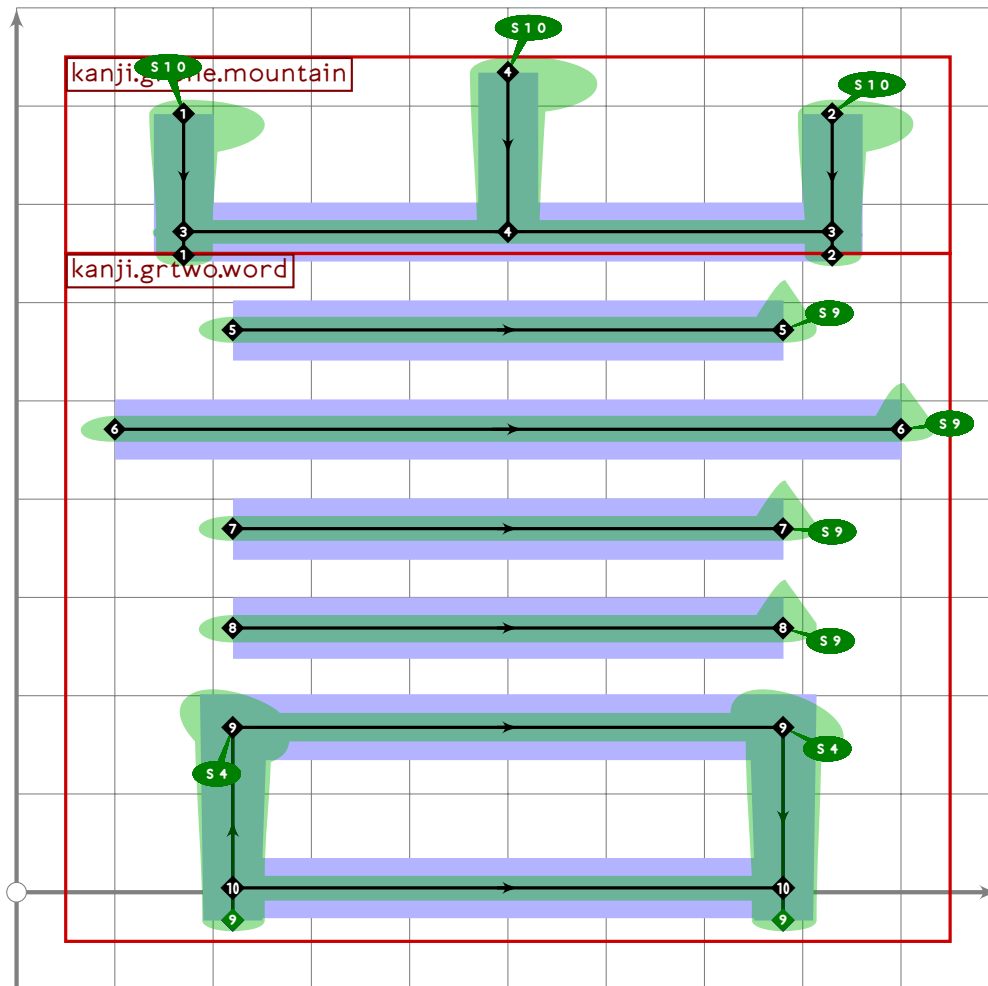
```

[see page 2701]

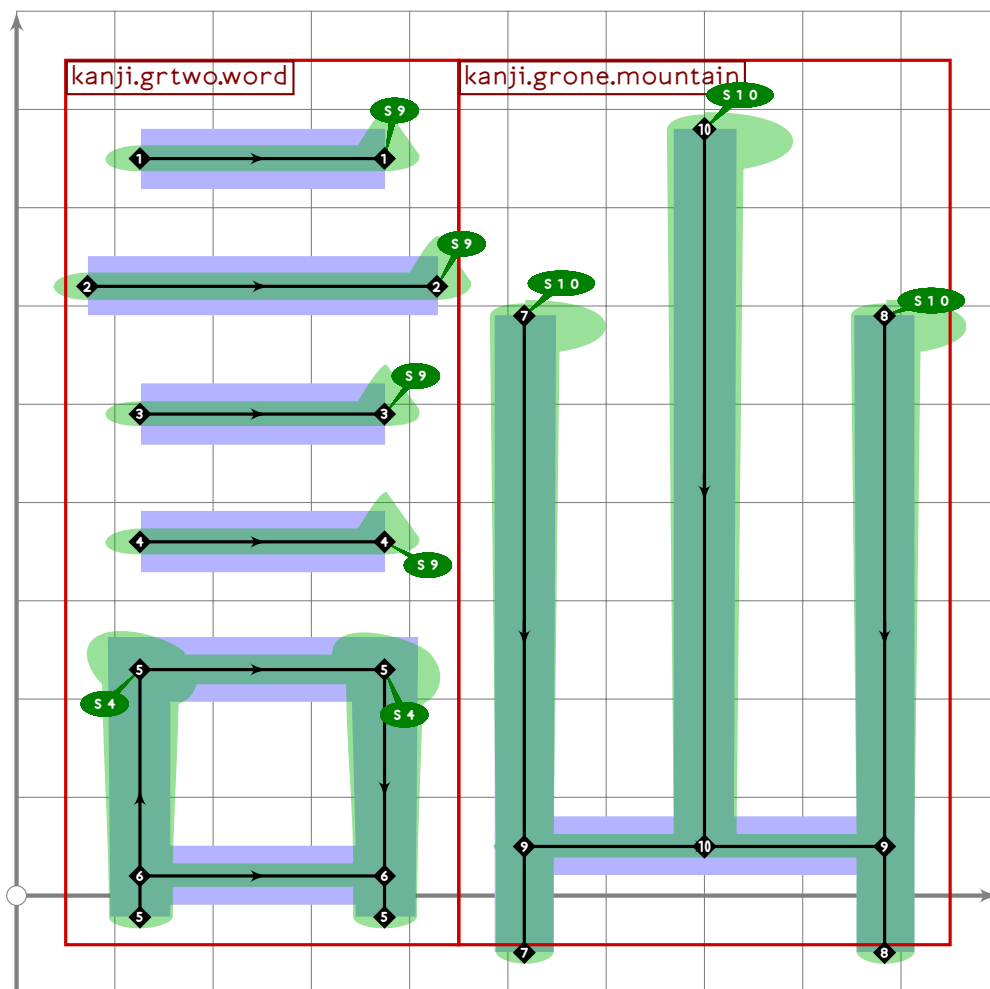
[see page 2694]

8A

```
314 begintsuglyph("uni8A13";19);
315   kanji.grfour.kunyomi;
316   tsu_render;
317 endtsuglyph;
318
```



```
319 % extra
320 begintsuglyph("uni8A14";20);
321   build_kanji.level(build_kanji.tb(650,0)
322     (kanji.grone.mountain)
323     (kanji.grtwo.word));
324   tsu_render;
325 endtsuglyph;
326
```

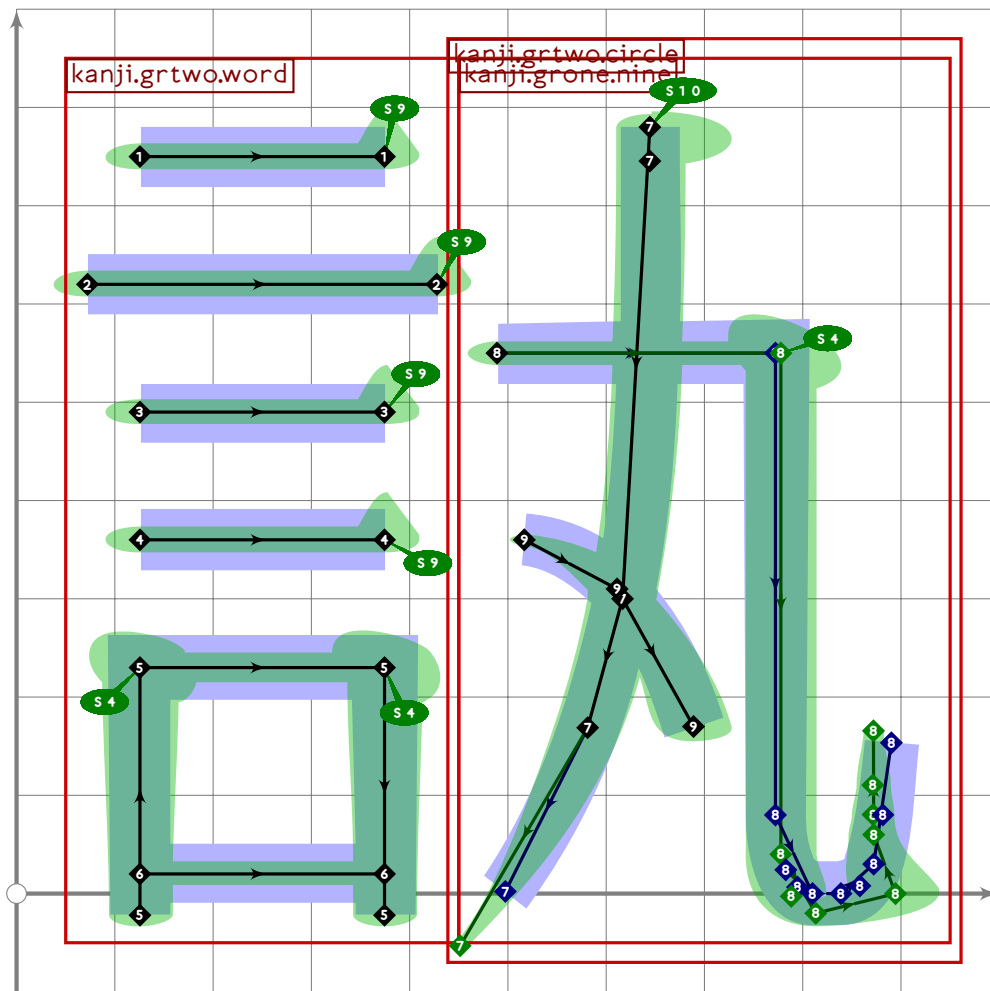


```

327 % extra
328 begintsuglyph("uni8A15",21);
329   build_kanji.level(build_kanji.lr(450,0)
330     (kanji.grtwo.word)
331     (kanji.grone.mountain));
332   tsu_render;
333 endtsuglyph;
334
335 % ki/shiru "account"
336 begintsuglyph("uni8A18",24);
337   kanji.grtwo.account;
338   tsu_render;
339 endtsuglyph;
340

```

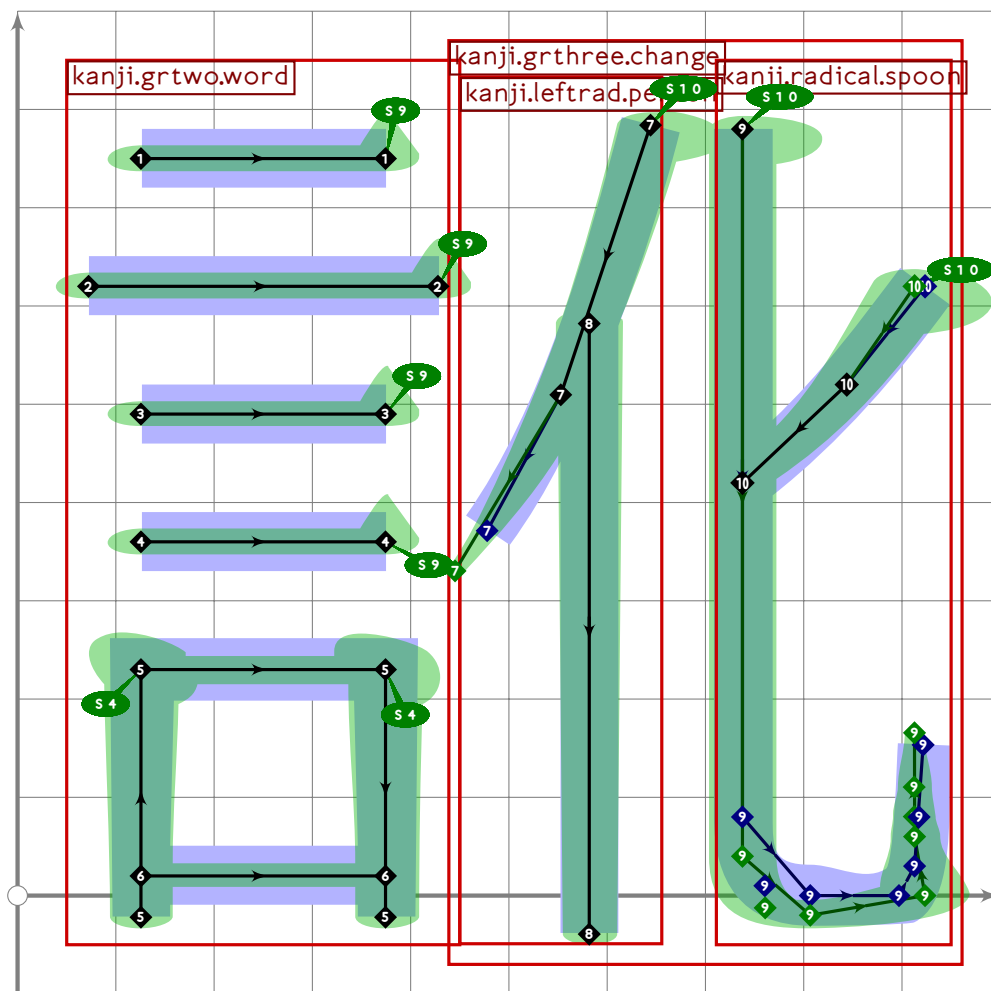
[see page 2686]



```

341 % extra
342 begintsuglyph("uni8A19";25);
343   build_kanji.level(build_kanji.lr(450,0)
344     (kanji.grtwo.word)
345     (kanji.grtwo.circle));
346   tsu_render;
347 endtsuglyph;
348

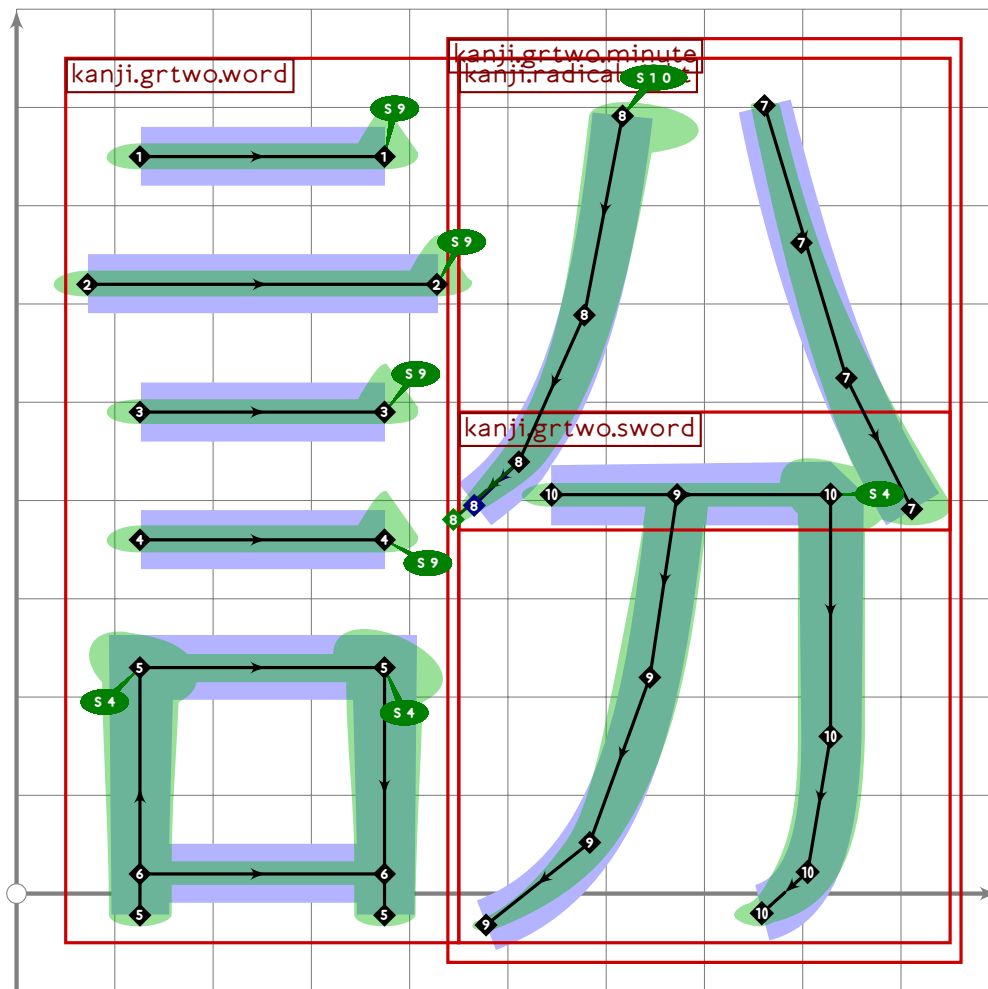
```



```

349 % ka/nama "accent (speech)"
350 begintsuglyph("uni8A1B",27);
351   build_kanji.level(build_kanji.lr(450,0)
352     (kanji.grtwo.word)
353     (kanji.grthree.change));
354   tsu_render;
355 endtsuglyph;
356

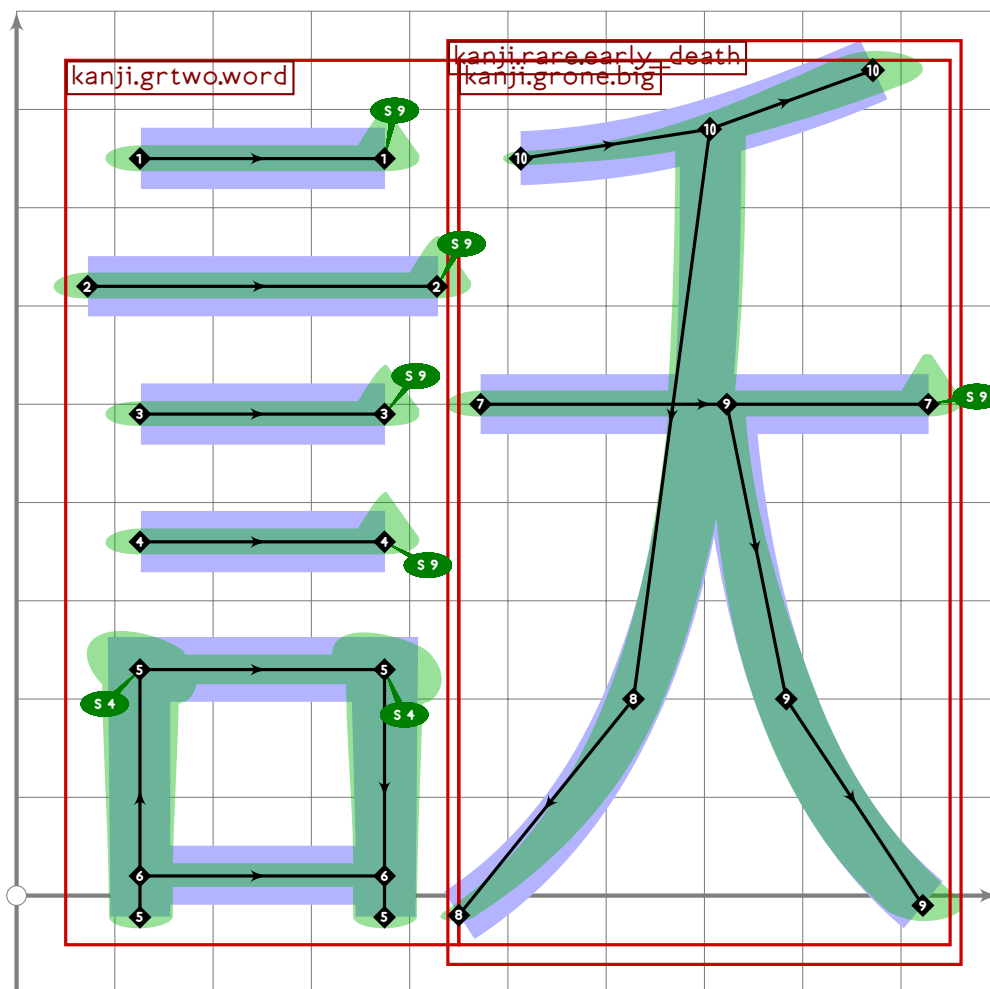
```



```

357 % extra
358 begintsuglyph("uni8A1C";28);
359   build_kanji.level(build_kanji.lr(450,0)
360     (kanji.grtwo.word)
361     (kanji.grtwo.minute));
362   tsu_render;
363 endtsuglyph;
364

```



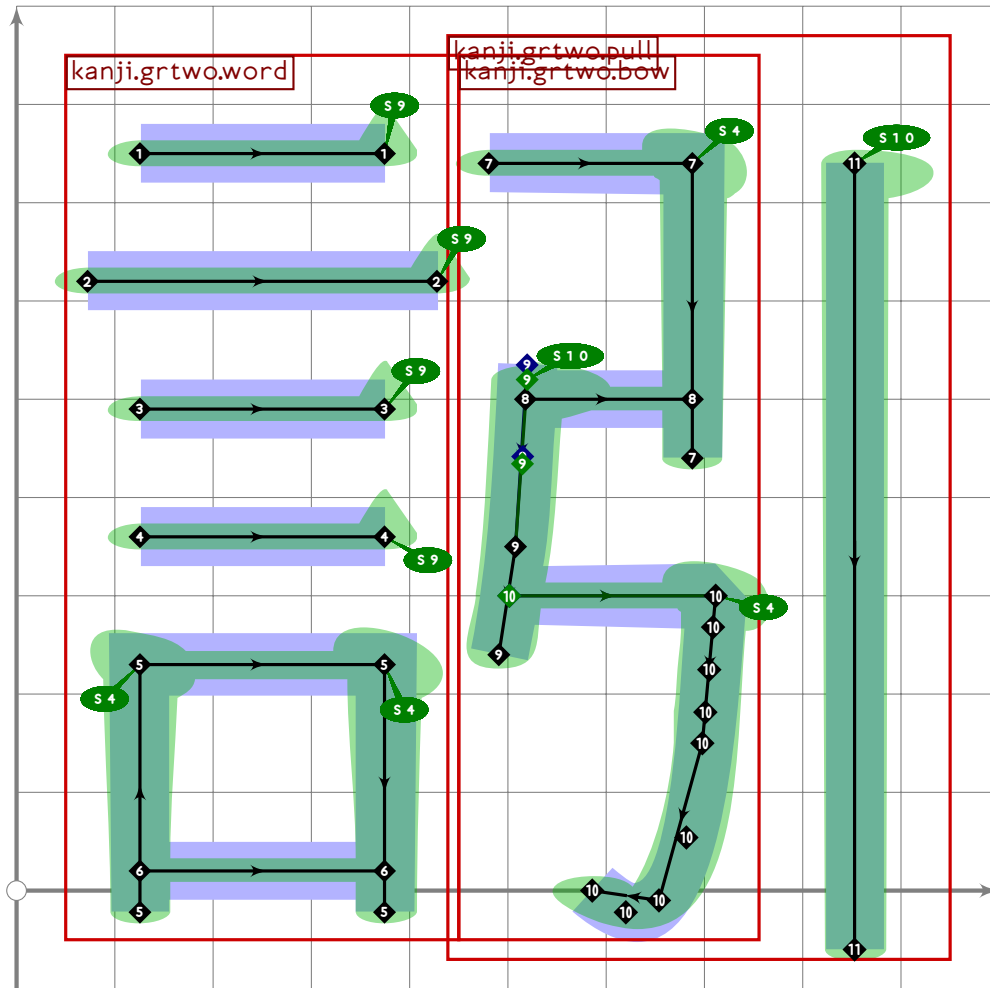
```

365 % extra
366 begintsuglyph("uni8A1E",30);
367   build_kanji.level(build_kanji.lr(450,0)
368     (kanji.grtwo.word)
369     (kanji.rare.early_death));
370   tsu_render;
371 endtsuglyph;
372
373 % shou "sue"
374 begintsuglyph("uni8A1F",31);
375   kanji.greight.sue;
376   tsu_render;
377 endtsuglyph;
378

```

[see page 2710]

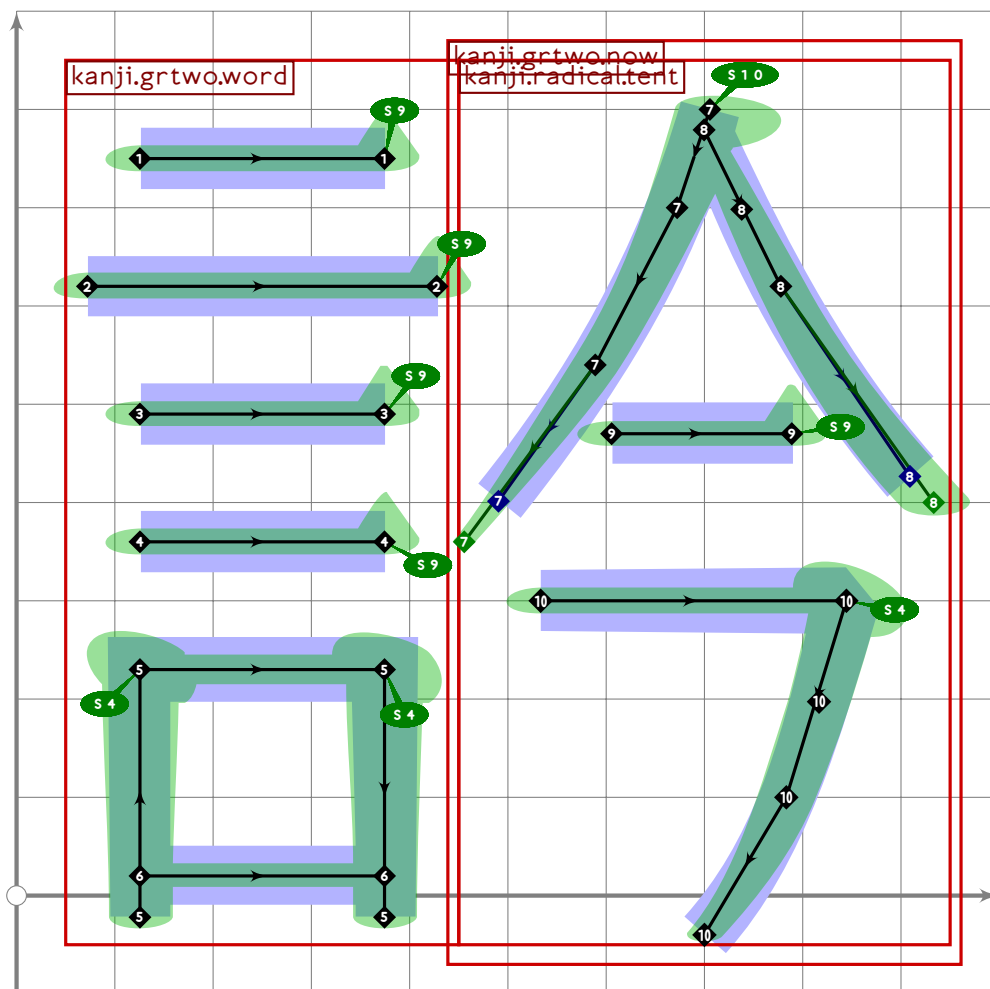




```

379 % extra
380 begintsuglyph("uni8A20";32);
381   build_kanji.level(build_kanji.lr(450,0)
382     (kanji.grtwo.word)
383     (kanji.grtwo.pull));
384   tsu_render;
385 endtsuglyph;
386

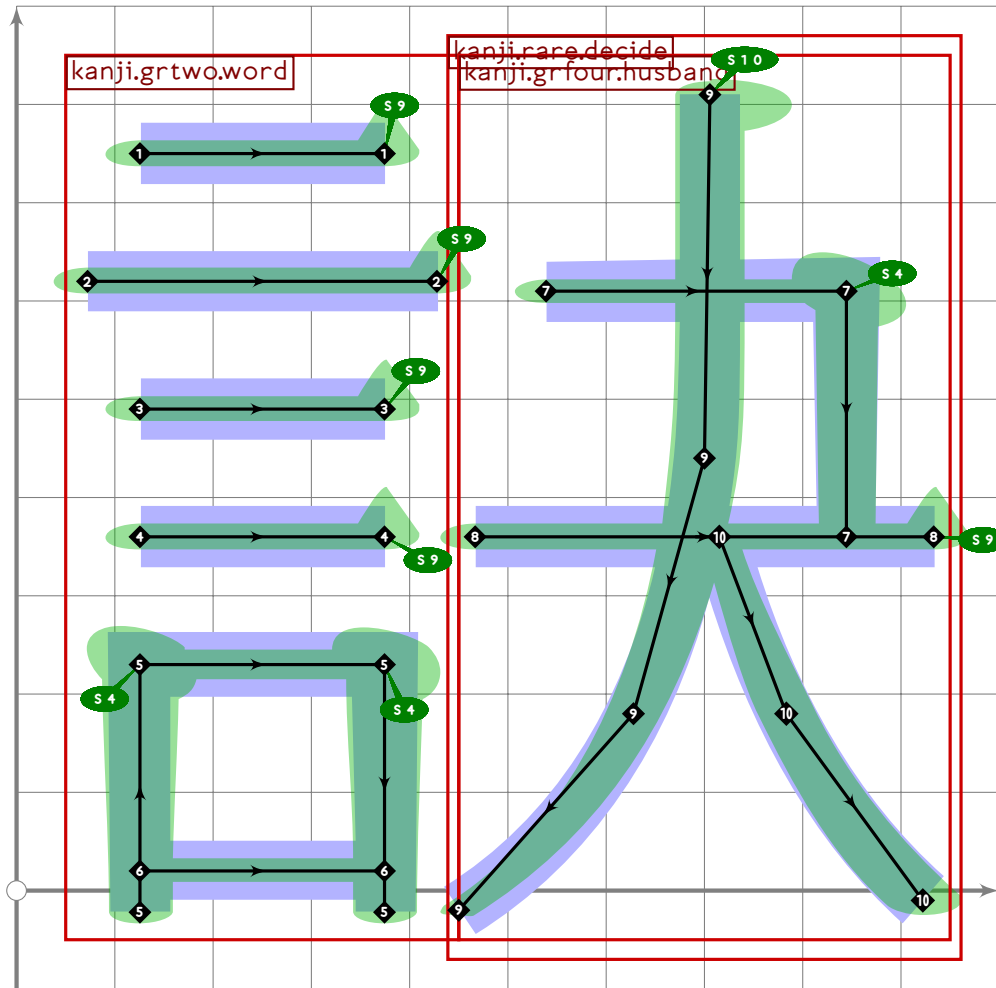
```



```

387 % extra
388 begintsuglyph("uni8A21",33);
389   build_kanji.level(build_kanji.lr(450,0)
390     (kanji.grtwo.word)
391     (kanji.grtwo.now));
392   tsu_render;
393 endtsuglyph;
394

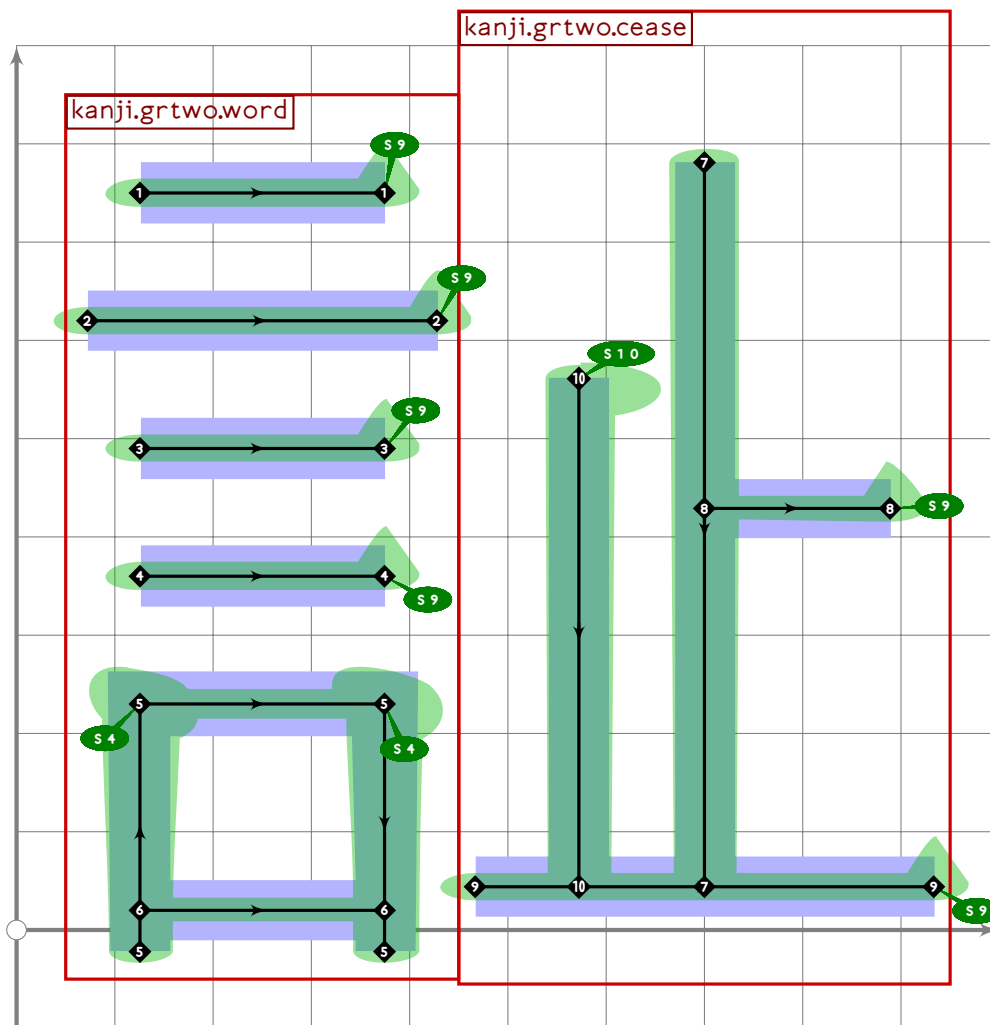
```



```

395 % extra: separation
396 begintsuglyph("uni8A23";35);
397   build_kanji.level(build_kanji.lr(450,0)
398     (kanji.grtwo.word)
399     (kanji.rare.decide));
400   tsu_render;
401 endtsuglyph;
402

```

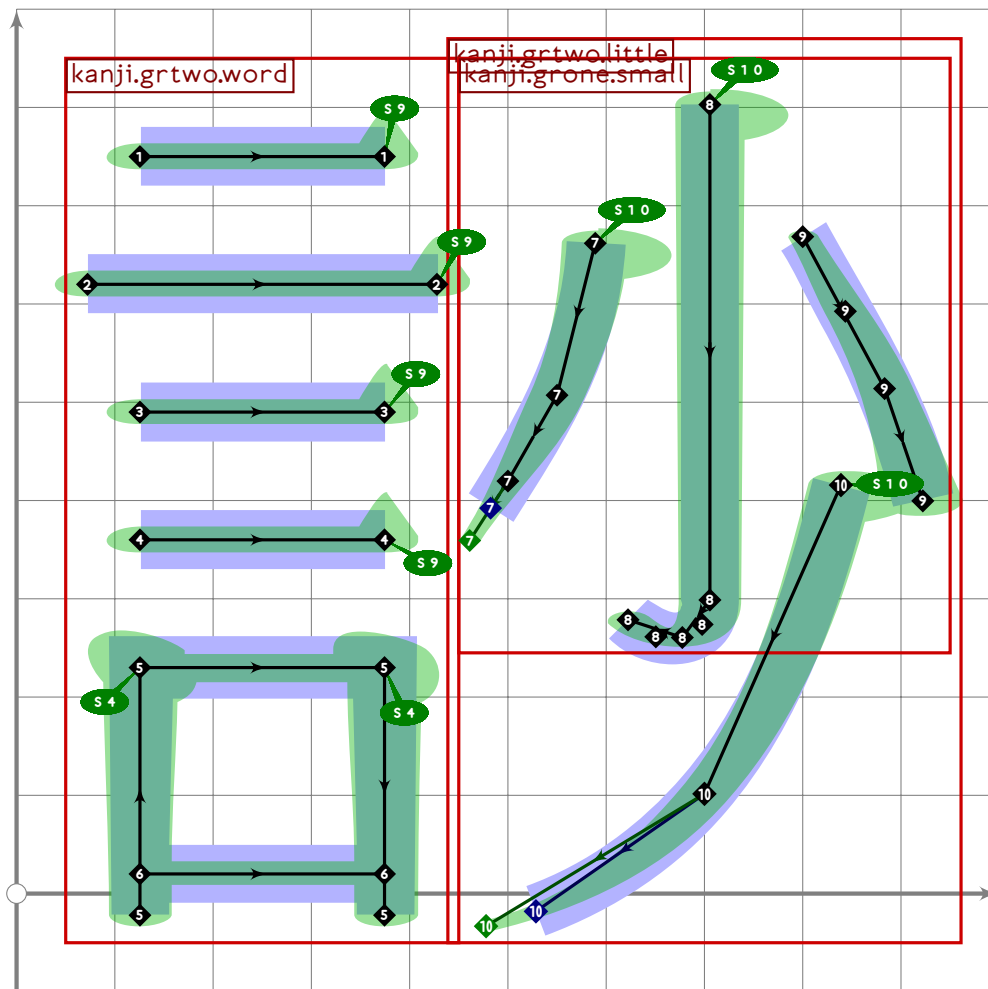


```

403 % extra
404 begintsuglyph("uni8A28";40);
405   build_kanji.level(build_kanji.lr(450,0)
406     (kanji.grtwo.word)
407     (tsu_xform(identity yscaled 1.1)(kanji.grtwo.cease)));
408   tsu_render;
409 endtsuglyph;
410
411 % hou/otazu "visit"
412 begintsuglyph("uni8A2A";42);
413   kanji.grsix.visit;
414   tsu_render;
415 endtsuglyph;
416

```

[see page 2707]



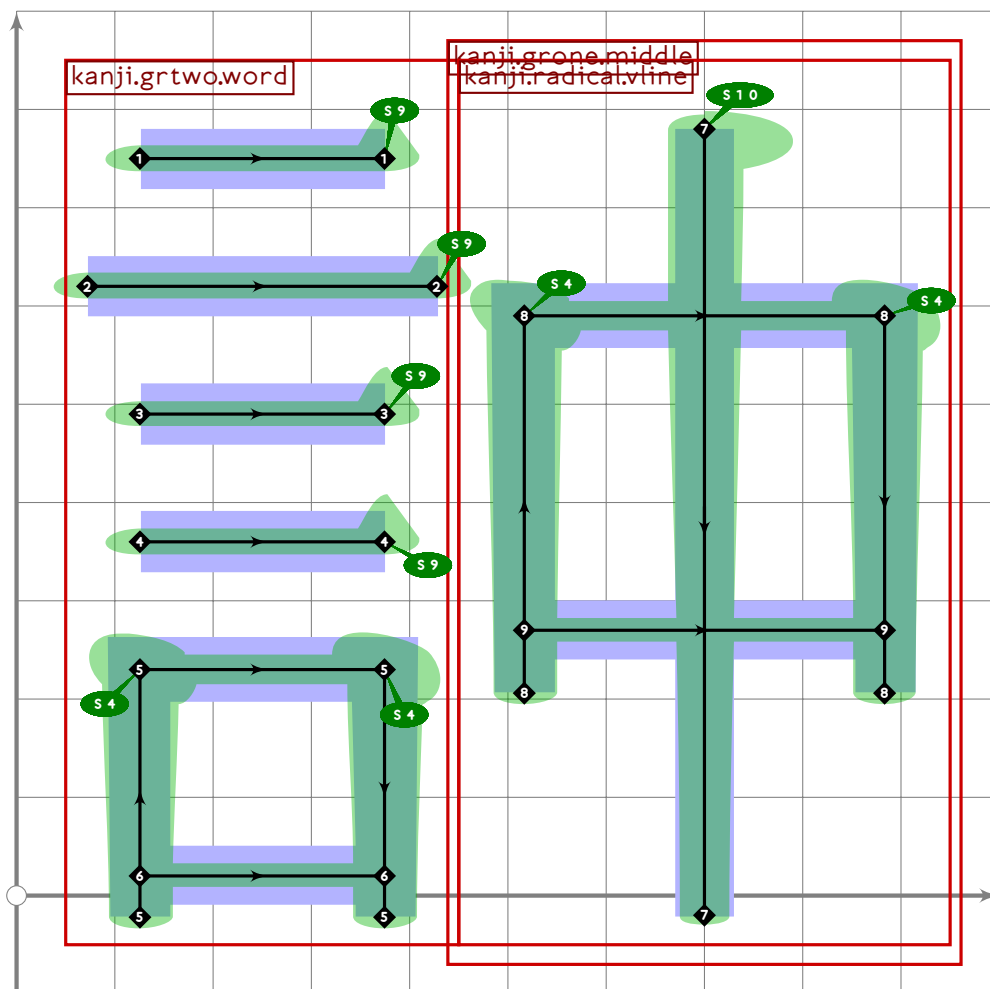
```

417 % extra
418 begintsuglyph("uni8A2C";44);
419   build_kanji.level(build_kanji.lr(450,0)
420     (kanji.grtwo.word)
421     (kanji.grtwo.little));
422   tsu_render;
423 endsuglyph;
424
425 % satsu/mou "preparation"
426 begintsuglyph("uni8A2D";45);
427   kanji.grfive.preparation;
428   tsu_render;
429 endsuglyph;
430
431 % kyo/yuru "permit" (forgive)
432 begintsuglyph("uni8A31";49);
433   kanji.grfive.permit;
434   tsu_render;
435 endsuglyph;
436

```

[see page 2700]

[see page 2699]

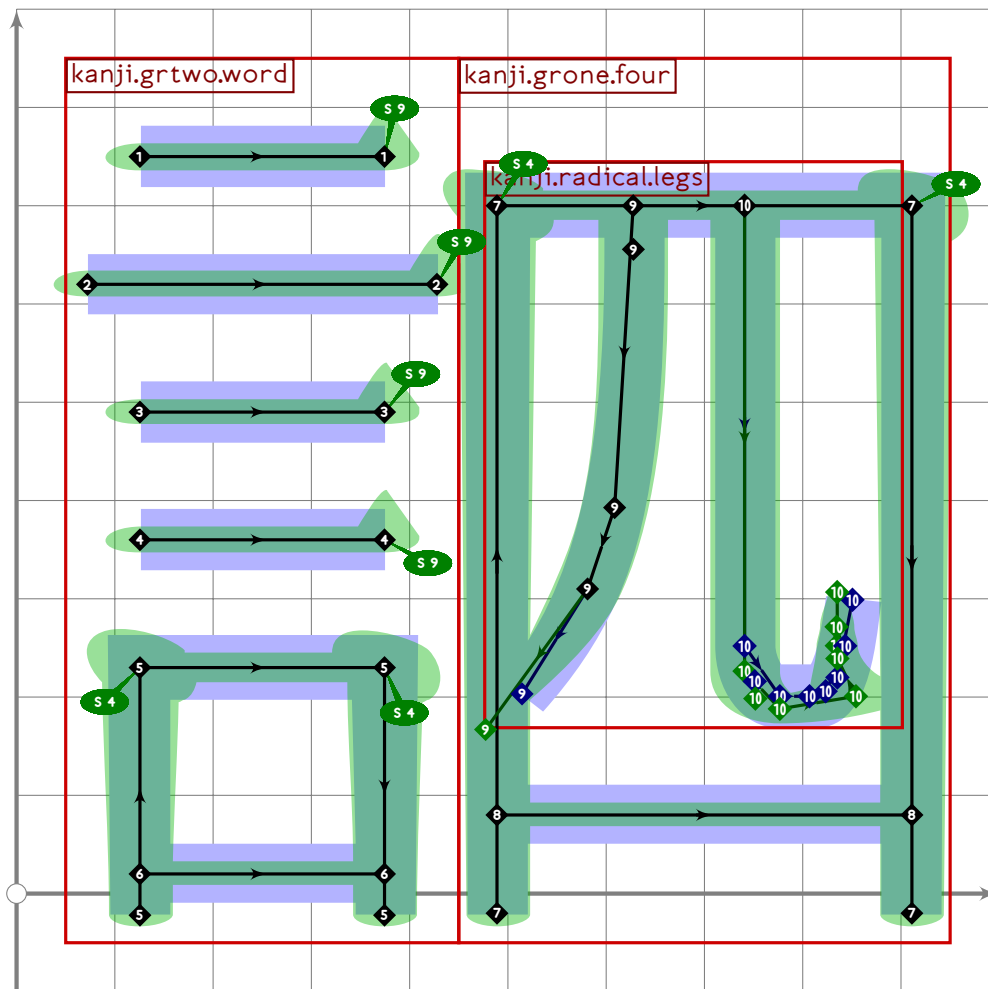


```

437 % extra
438 begintsuglyph("uni8A32";50);
439   build_kanji.level(build_kanji.lr(450,0)
440     (kanji.grtwo.word)
441     (kanji.grone.middle));
442   tsu_render;
443 endtsuglyph;
444
445 % yaku/wake "translate"
446 begintsuglyph("uni8A33";51);
447   kanji.grsix.translate;
448   tsu_render;
449 endtsuglyph;
450

```

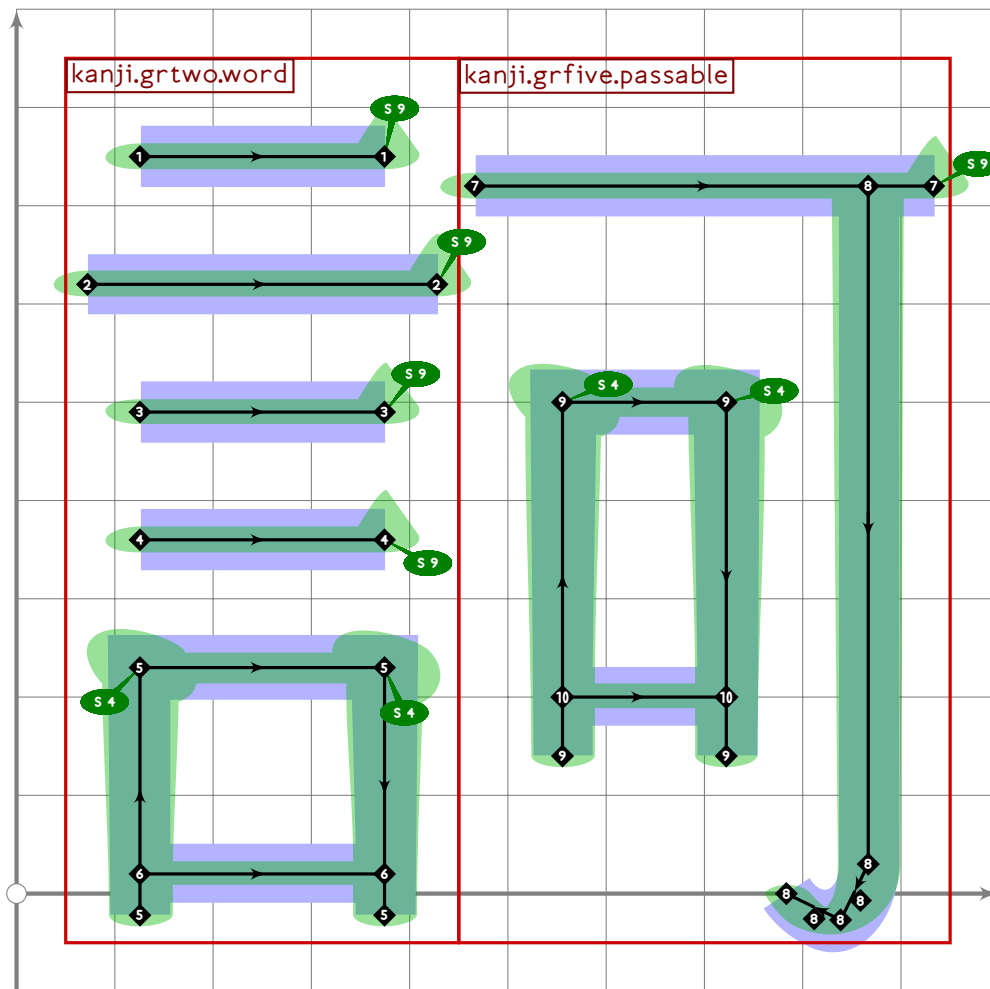
[see page 2705]



```

451 % extra
452 begintsuglyph("uni8A35";53);
453   build_kanji.level(build_kanji.lr(450,0)
454     (kanji.grtwo.word)
455     (kanji.grone.four));
456   tsu_render;
457 endtsuglyph;
458

```

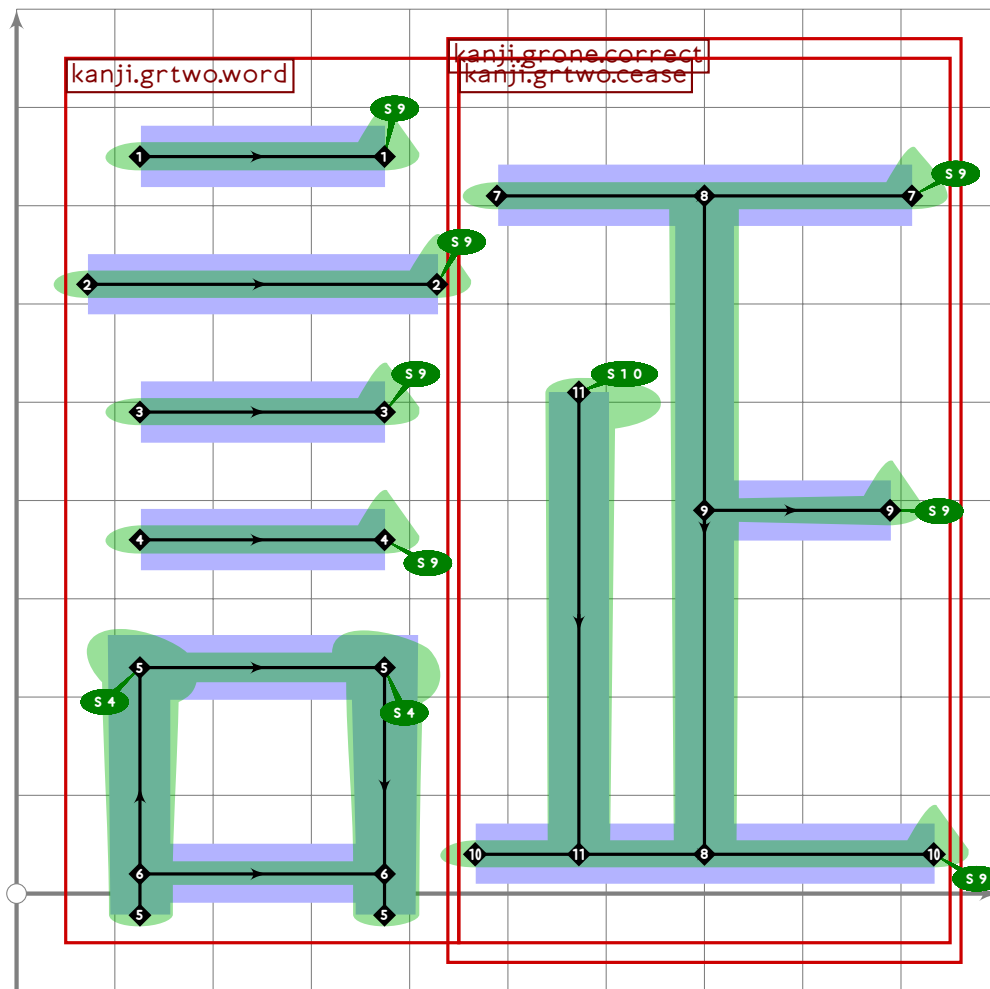


```

459 % extra
460 begintsuglyph("uni8A36";54);
461   build_kanji.level(build_kanji.lr(450,0)
462     (kanji.grtwo.word)
463     (kanji.grfive.passable));
464   tsu_render;
465 endtsuglyph;
466

```





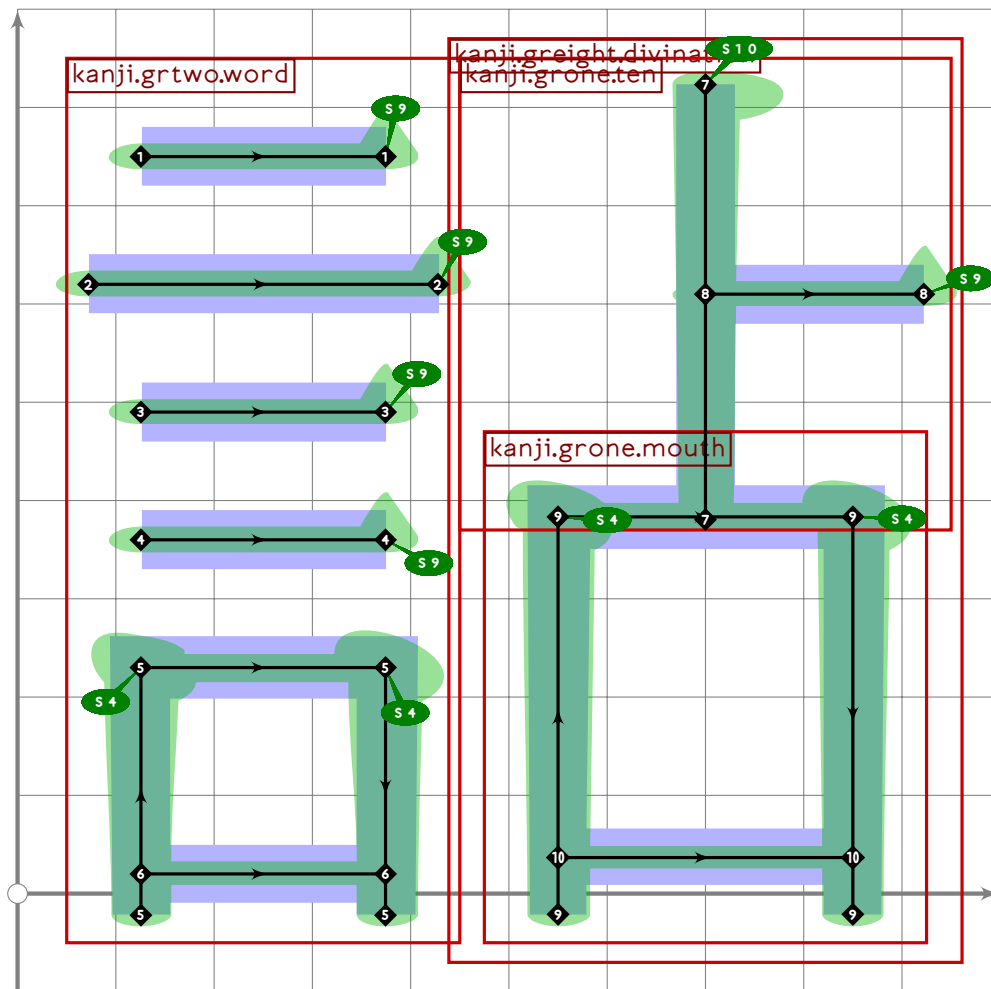
```

467 % extra
468 begintsuglyph("uni8A3C",60);
469   build_kanji.level(build_kanji.lr(450,0)
470     (kanji.grtwo.word)
471     (kanji.grone.correct));
472   tsu_render;
473 endtsuglyph;
474

```

U+8A40  
tsuku.uni8A40

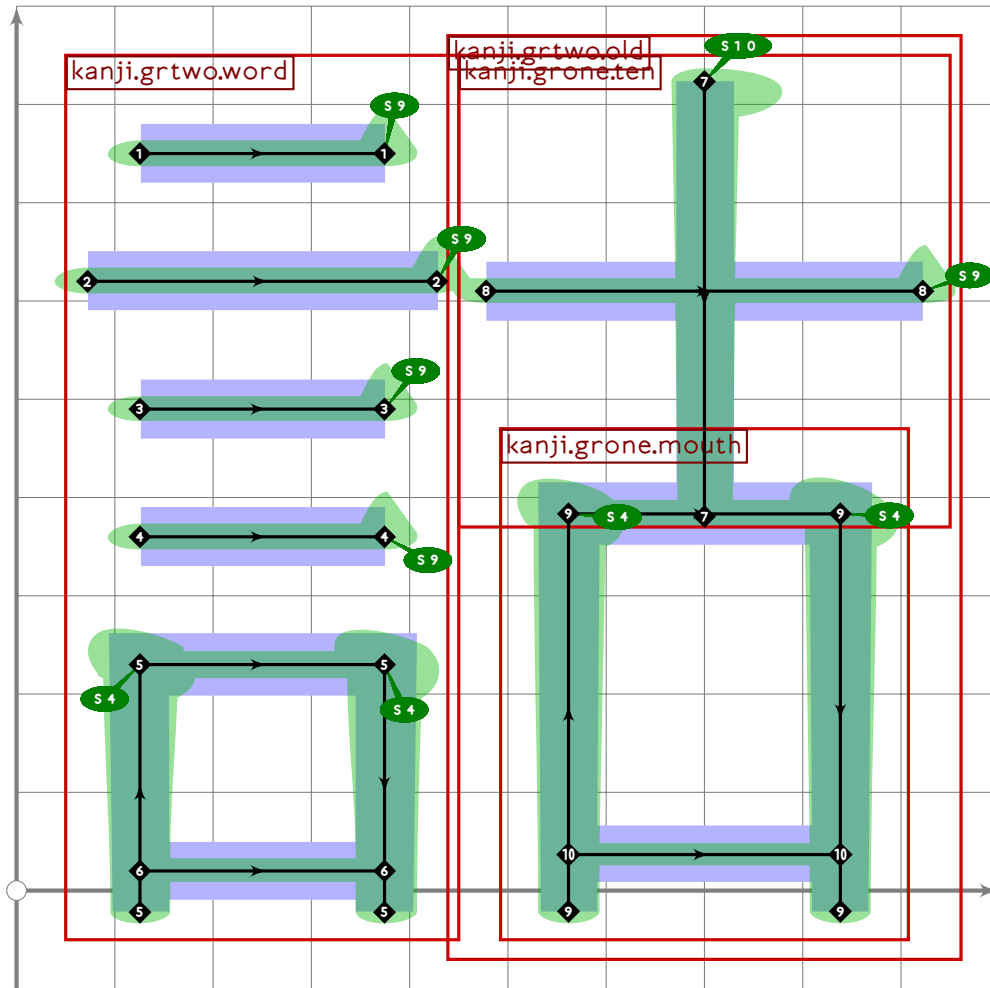
8A



```

475 % extra
476 begintsuglyph("uni8A40";64);
477   build_kanji.level(build_kanji.lr(450,0)
478     (kanji.grtwo.word)
479     (kanji.greight.divination));
480   tsu_render;
481   endtsuglyph;
482

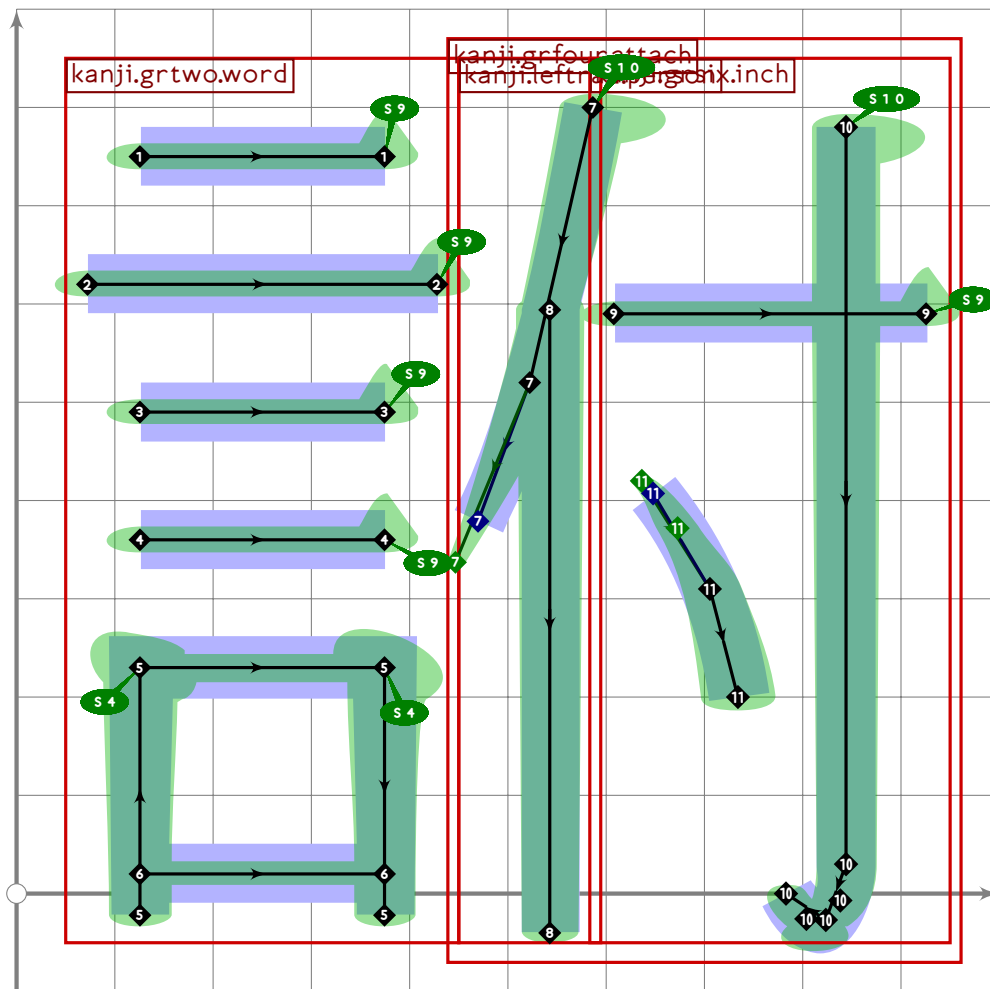
```



```

483 % extra
484 begintsuglyph("uni8A41",65);
485   build_kanji.level(build_kanji.lr(450,0)
486     (kanji.grtwo.word)
487     (kanji.grtwo.old));
488   tsu_render;
489 endtsuglyph;
490

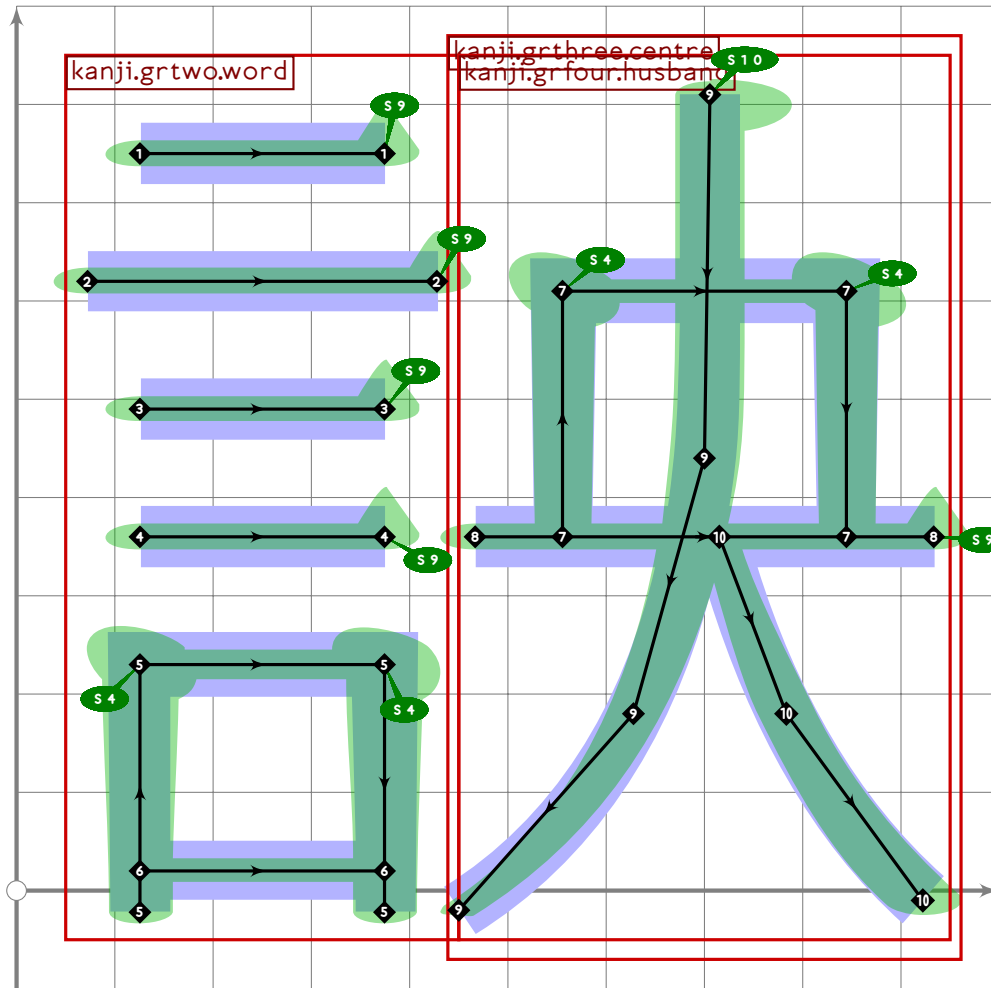
```



```

491 % extra
492 begintsuglyph("uni8A42";66);
493   build_kanji.level(build_kanji.lr(450,0)
494     (kanji.grtwo.word)
495     (kanji.grfour.attach));
496   tsu_render;
497 endtsuglyph;
498

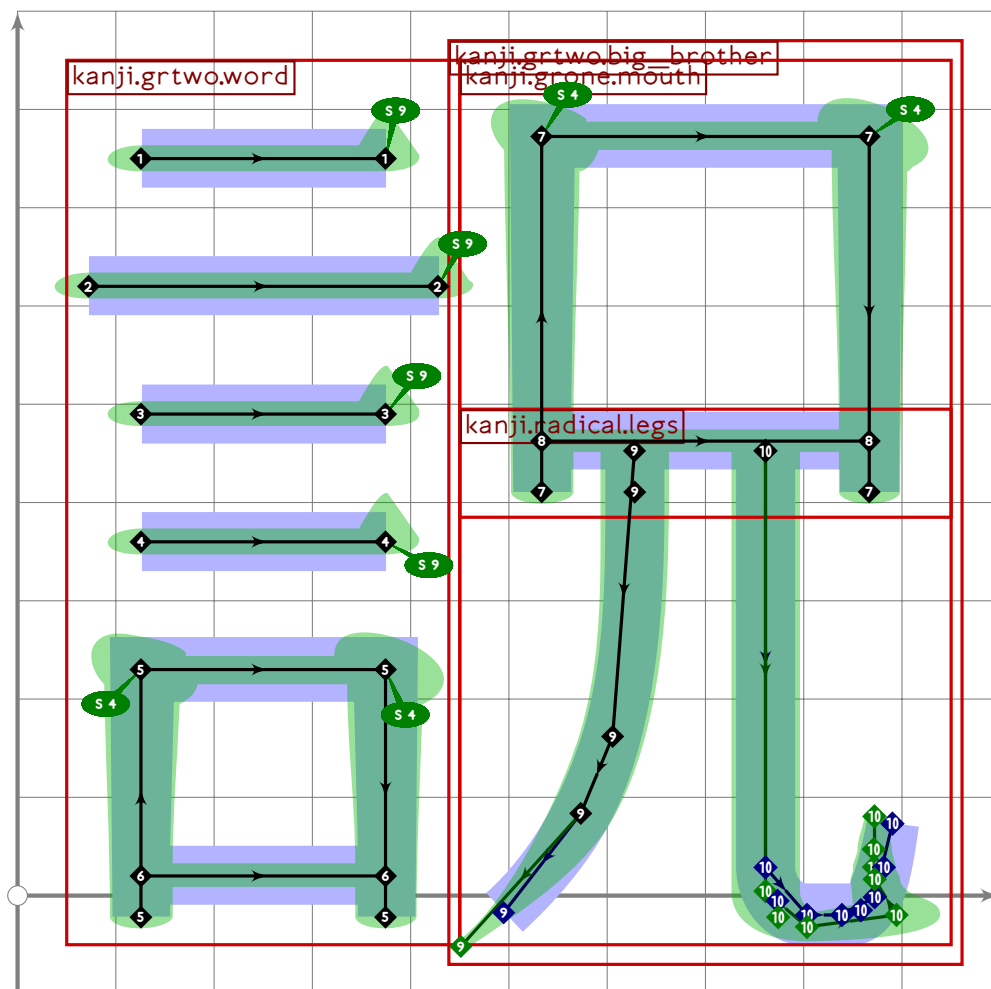
```



```

499 % extra
500 begintsuglyph("uni8A47";71);
501   build_kanji.level(build_kanji.lr(450,0)
502     (kanji.grtwo.word)
503     (kanji.grthree.centre));
504   tsu_render;
505 endtsuglyph;
506

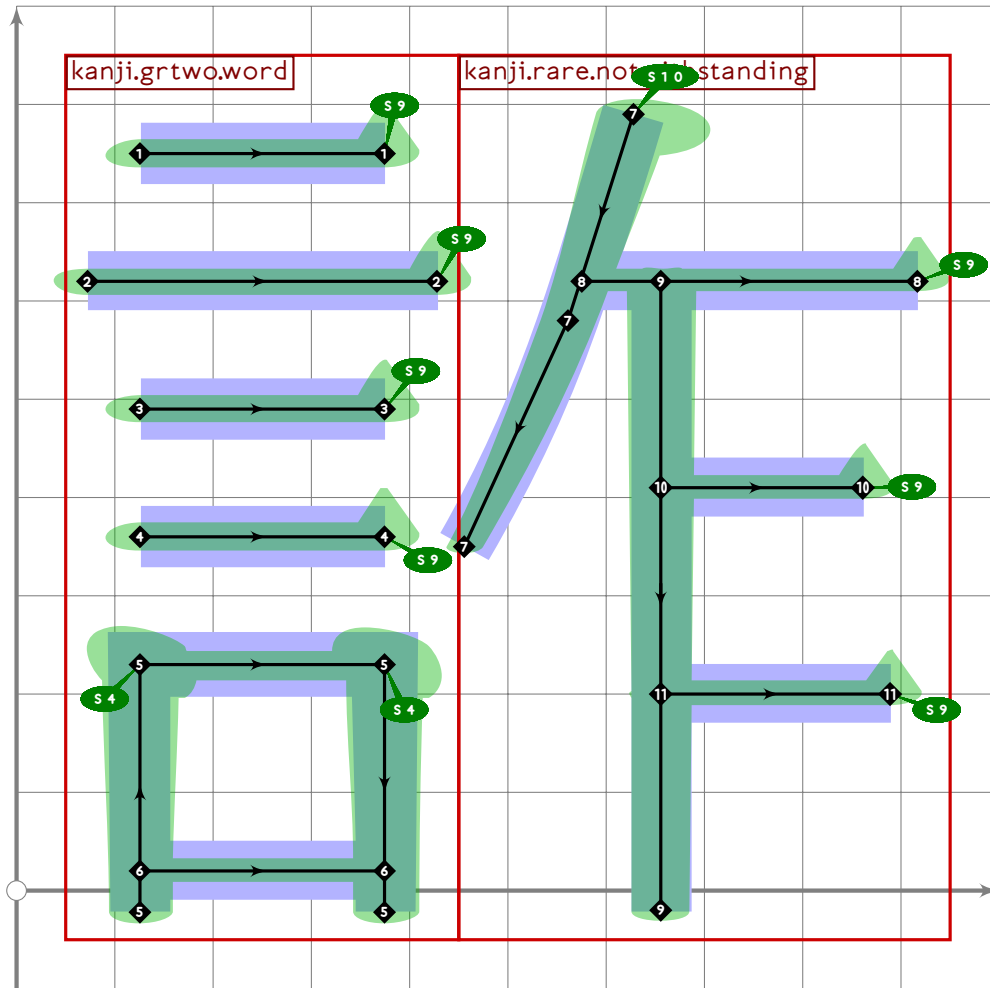
```



```

507 % extra
508 begintsuglyph("uni8A4B";75);
509   build_kanji.level(build_kanji.lr(450,0)
510     (kanji.grtwo.word)
511     (kanji.grtwo.big_brother));
512   tsu_render;
513 endtsuglyph;
514

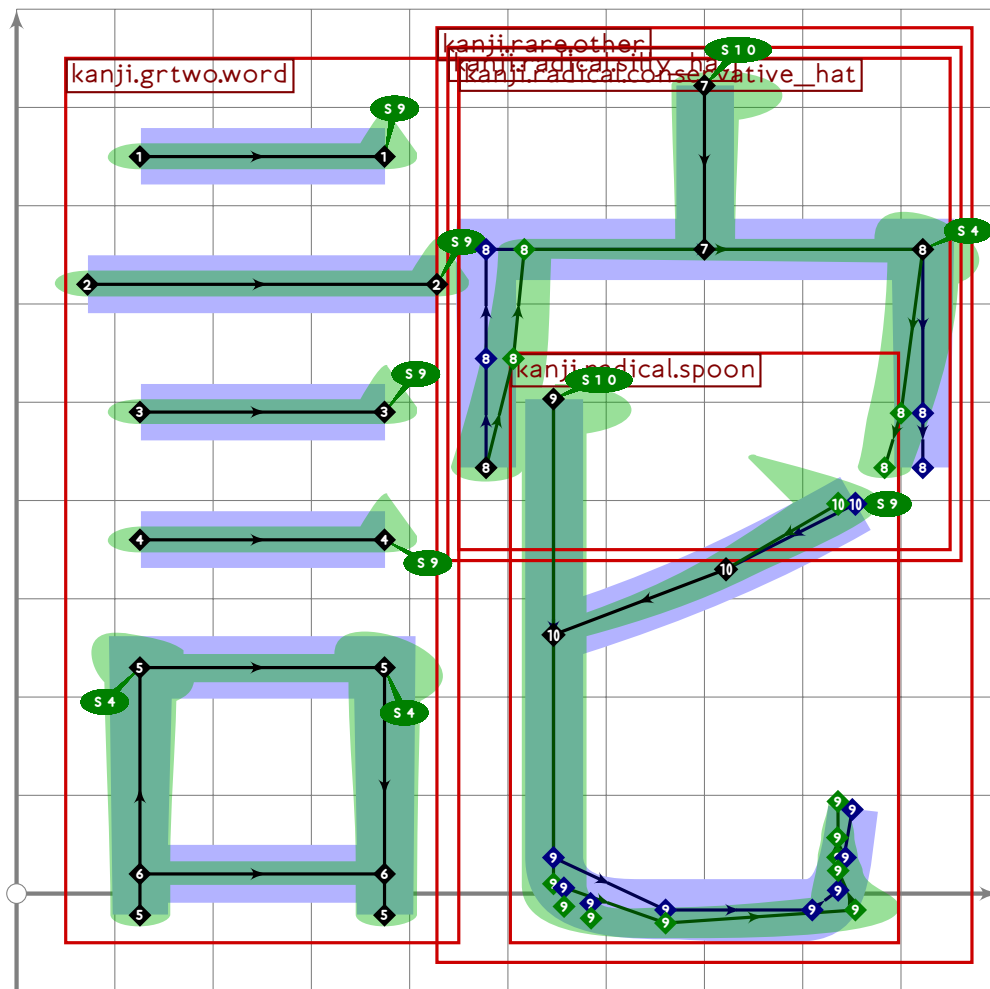
```



```

515 % extra
516 begintsuglyph("uni8A50";80);
517   build_kanji.level(build_kanji.lr(450,0)
518     (kanji.grtwo.word)
519     (kanji.rare.notwithstanding));
520   tsu_render;
521 endtsuglyph;
522

```

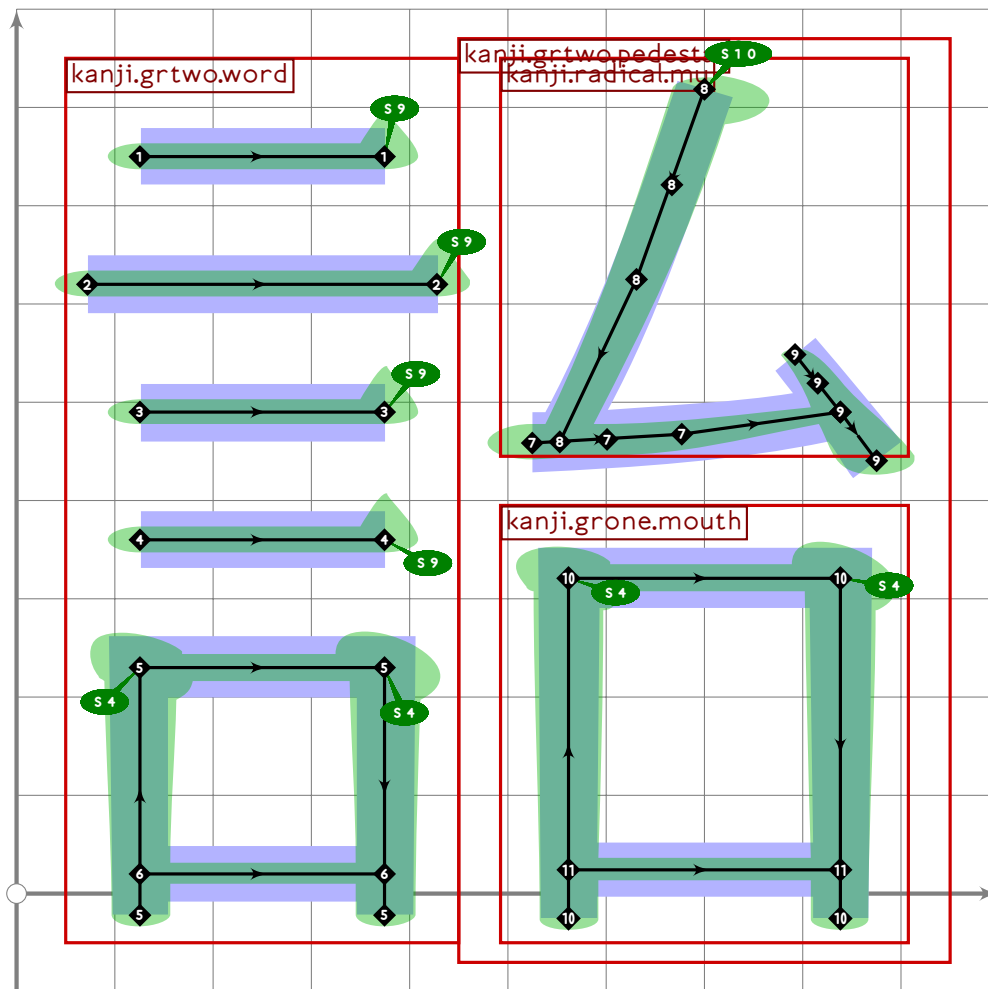


```

523 % extra
524 begintsuglyph("uni8A51",81);
525   build_kanji.level(build_kanji.lr(450,0)
526     (kanji.grtwo.word)
527     (kanji.rare.other));
528   tsu_render;
529 endtsuglyph;
530

```





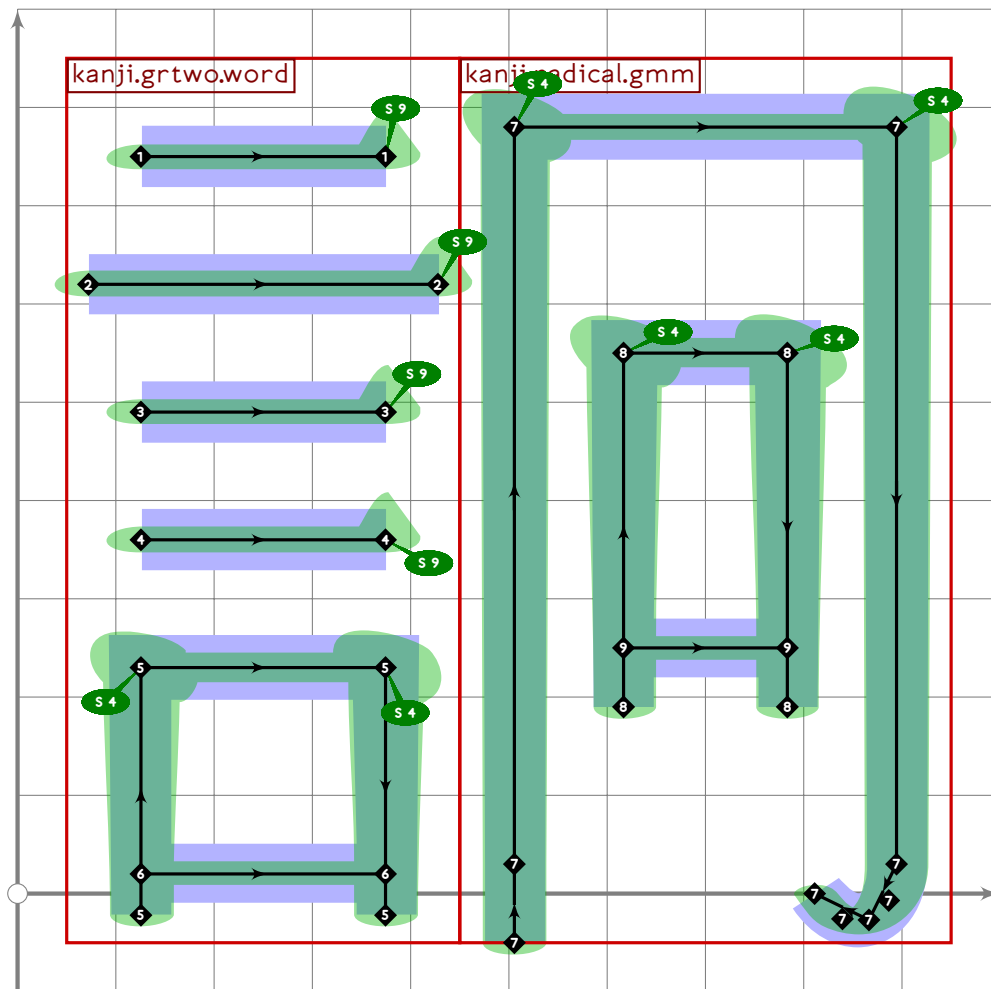
```

531 % extra
532 begintsuglyph("uni8A52";82);
533   build_kanji.level(build_kanji.lr(450,0)
534     (kanji.grtwo.word)
535     (kanji.grtwo.pedestal));
536   tsu_render;
537 endtsuglyph;
538
539 % shou/mikotonori "imperial edict"
540 begintsuglyph("uni8A54";84);
541   kanji.greight.edict;
542   tsu_render;
543 endtsuglyph;
544
545 % hyou "evaluate"
546 begintsuglyph("uni8A55";85);
547   kanji.grfive.evaluate;
548   tsu_render;
549 endtsuglyph;
550

```

[see page 2708]

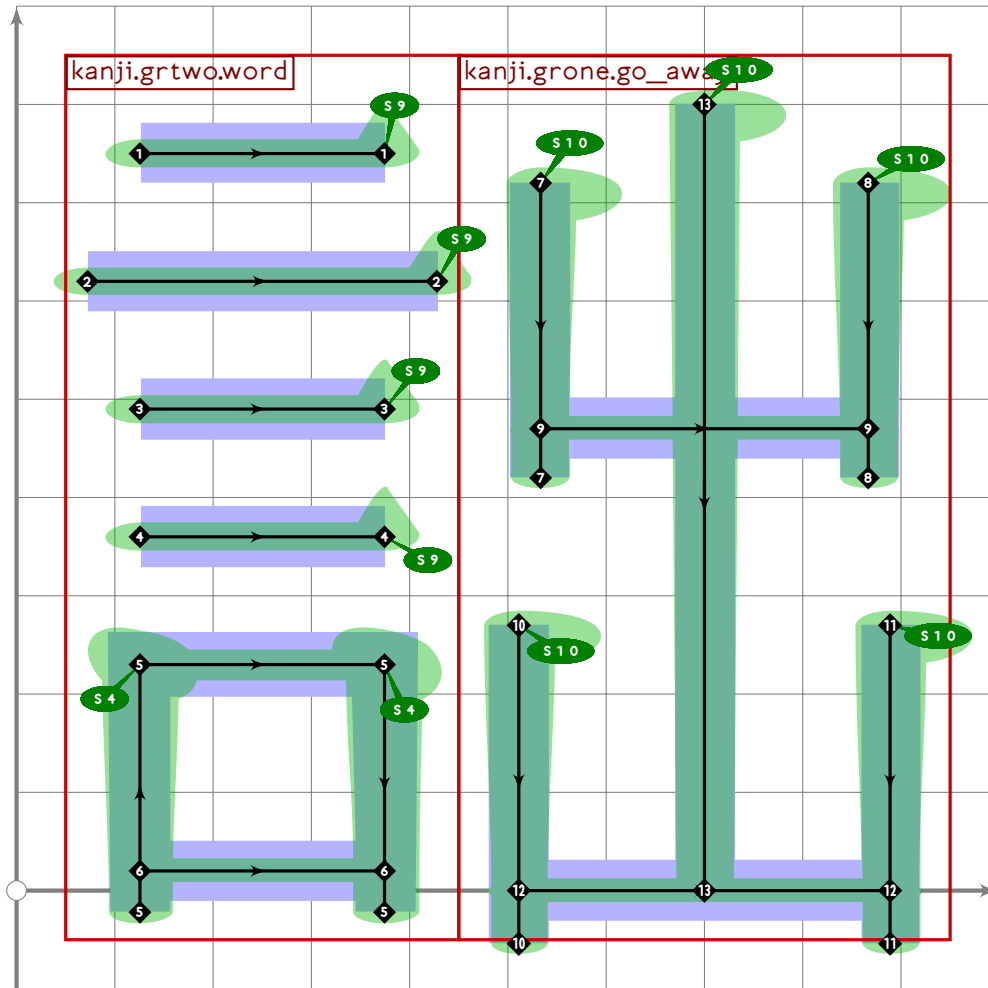
[see page 2698]



```

551 % extra
552 begintsuglyph("uni8A57";87);
553   build_kanji.level(build_kanji.lr(450,0)
554     (kanji.grtwo.word)
555     (kanji.radical.gmm;
556       build_kanji.box((350,550),(650,250));));
557   tsu_render;
558 endtsuglyph;
559

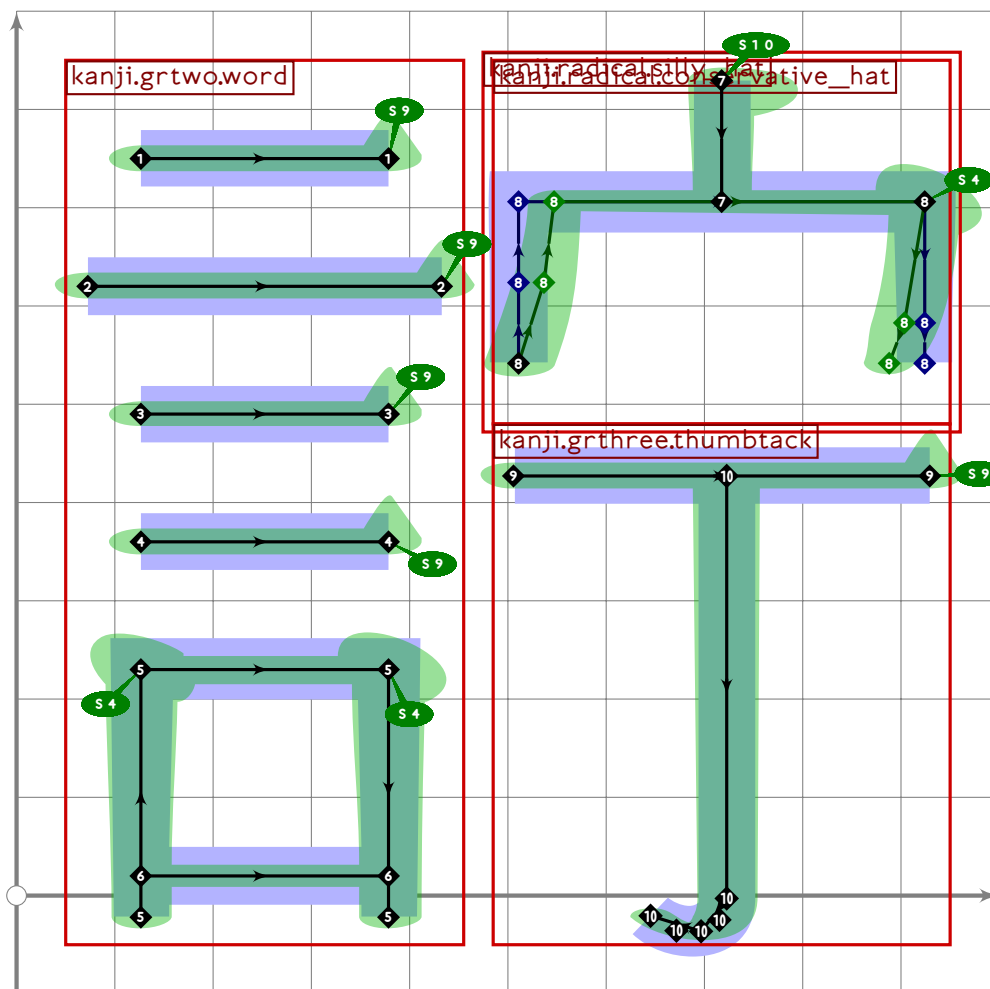
```



```

560 % extra
561 begintsuglyph("uni8A58";88);
562   build_kanji.level(build_kanji.lr(450,0)
563     (kanji.grtwo.word)
564     (kanji.grone.go_away));
565   tsu_render;
566 endtsuglyph;
567

```



```

568 % extra
569 begintsuglyph("uni8A5D";93);
570   build_kanji.level(build_kanji.lr(470,30)
571     (kanji.grtwo.word)
572     (build_kanji.tb(480,0)
573       (kanji.radical.silly_hat)
574       (kanji.grthree.thumbtack)));
575   tsu_render;
576 endtsuglyph;
577
578 % shi "part of speech"
579 begintsuglyph("uni8A5E";94);
580   kanji.grsix.part_of_speech;
581   tsu_render;
582 endtsuglyph;
583
584 % kei/mou "pilgrimage"
585 begintsuglyph("uni8A63";99);
586   kanji.greight.pilgrimage;
587   tsu_render;
588 endtsuglyph;

```

[see page 2704]

[see page 2709]

589  
 590 % shi/kokoro "test"  
 591 begintsuglyph("uni8A66";102); [see page 2697]  
 592 kanji.grfour.test;  
 593 tsu\_render;  
 594 endtsuglyph;  
 595  
 596 % shi/uta "poem"  
 597 begintsuglyph("uni8A69";105); [see page 2692]  
 598 kanji.grthree.poem;  
 599 tsu\_render;  
 600 endtsuglyph;  
 601  
 602 % wa/hana "talk"  
 603 begintsuglyph("uni8A71";113); [see page 2690]  
 604 kanji.grtwo.talk;  
 605 tsu\_render;  
 606 endtsuglyph;  
 607  
 608 % shi "magazine"  
 609 begintsuglyph("uni8A8C";140); [see page 2702]  
 610 kanji.grsix.magazine;  
 611 tsu\_render;  
 612 endtsuglyph;  
 613  
 614 % tan "nativity"  
 615 begintsuglyph("uni8A95";149); [see page 2703]  
 616 kanji.grsix.nativity;  
 617 tsu\_render;  
 618 endtsuglyph;  
 619  
 620 % go/kata "language"  
 621 begintsuglyph("uni8A9E";158); [see page 2687]  
 622 kanji.grtwo.language;  
 623 tsu\_render;  
 624 endtsuglyph;  
 625  
 626 % setsu/to "preach"  
 627 begintsuglyph("uni8AAC";172); [see page 2696]  
 628 kanji.grfour.preach;  
 629 tsu\_render;  
 630 endtsuglyph;  
 631  
 632 % goku/yo "read"  
 633 begintsuglyph("uni8AAD";173); [see page 2689]  
 634 kanji.grtwo.read;  
 635 tsu\_render;  
 636 endtsuglyph;

637  
638 % ka "lesson"  
639 begintsuglyph("uni8AB2";178); [see page 2695]  
640 kanji.grfour.lesson;  
641 tsu\_render;  
642 endtsuglyph;  
643  
644 % chou/shira "tune"  
645 begintsuglyph("uni8ABF";191); [see page 2693]  
646 kanji.grthree.tune;  
647 tsu\_render;  
648 endtsuglyph;  
649  
650 % dan "discuss"  
651 begintsuglyph("uni8AC7";199); [see page 2691]  
652 kanji.grthree.discuss;  
653 tsu\_render;  
654 endtsuglyph;  
655  
656 % sho/moro "various"  
657 begintsuglyph("uni8AF8";248); [see page 2706]  
658 kanji.grsix.various;  
659 tsu\_render;  
660 endtsuglyph;  
661  
662 

---

  
663  
664 endfont;  
665  
666 

---

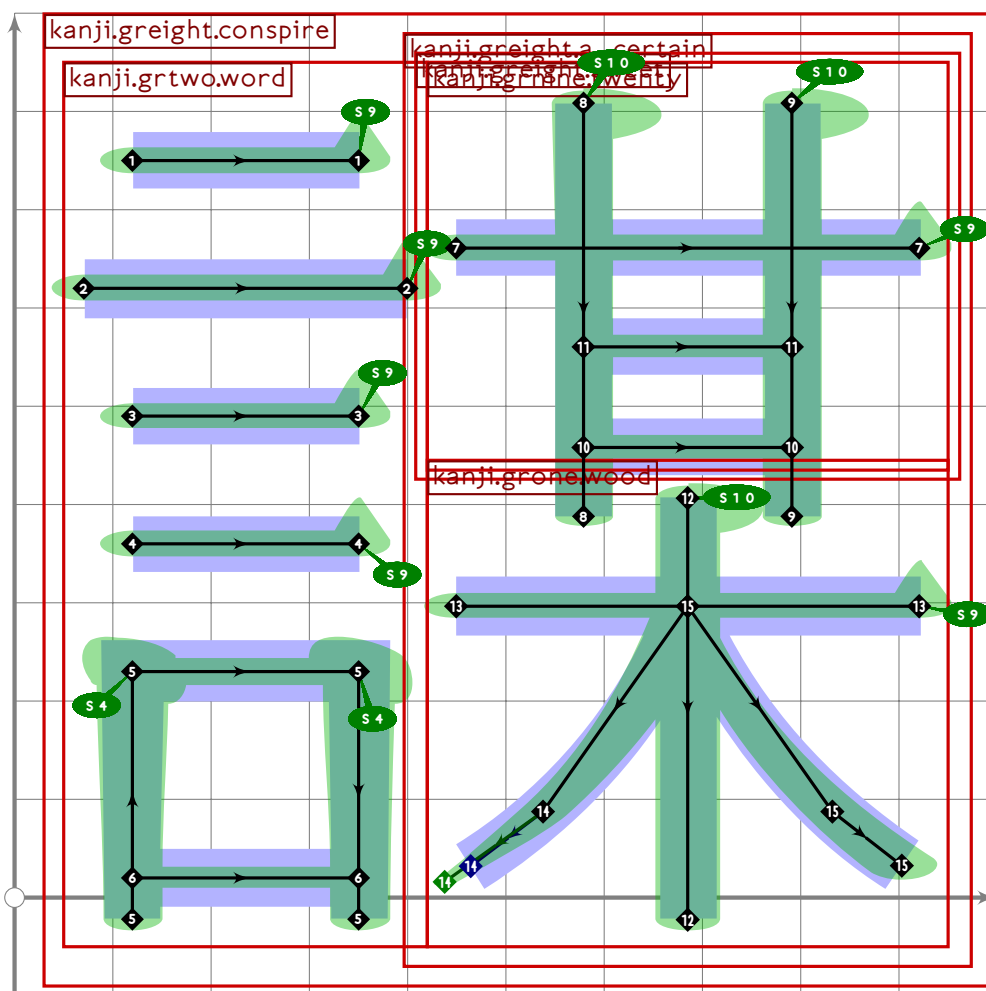
```
1 %
2 % Unicode page 8B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```



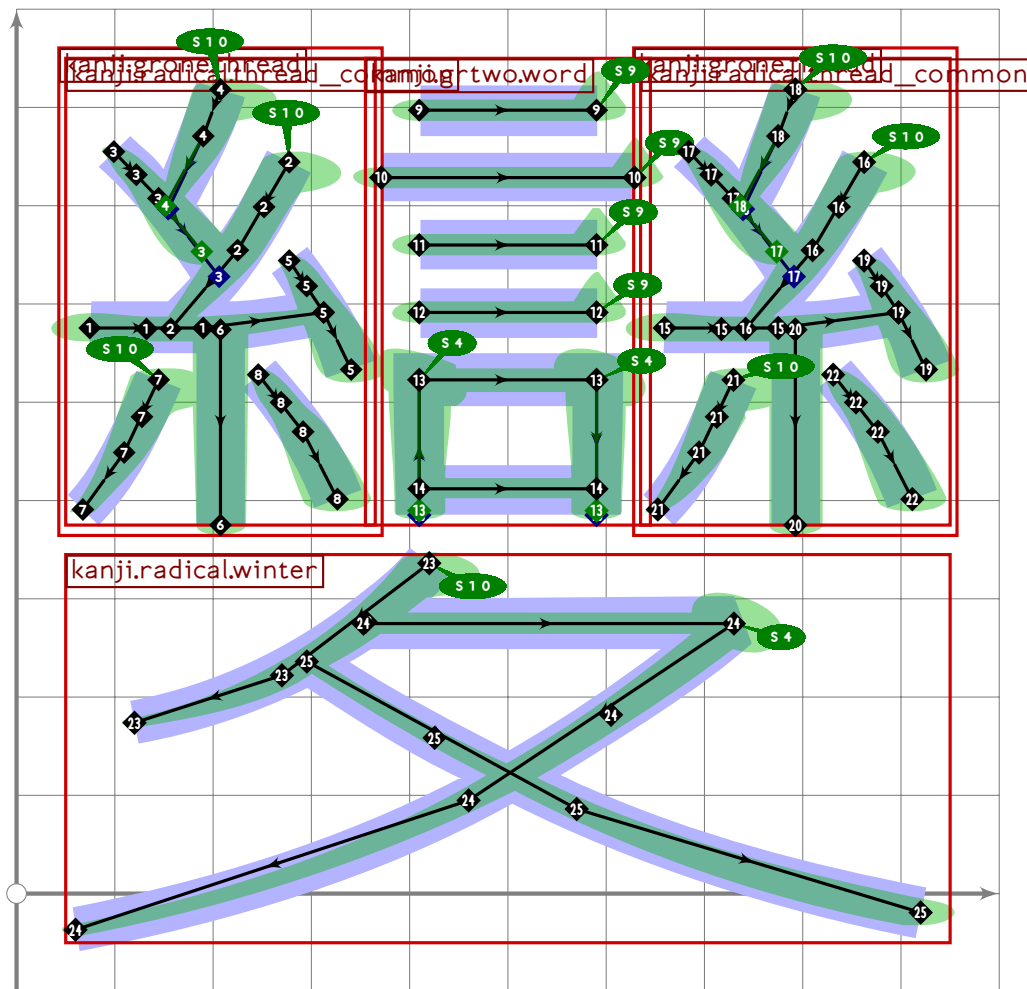
```

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 2742]





```

63 % extra: alternate "hen"
64 begintsuglyph("uni8B8A",138);
65   build_kanji.level(build_kanji.tb(360,-30)
66     (build_kanji.lcr(360,10)(640,10)
67       (kanji.grone.thread)
68       (kanji.grtwo.word)
69       (kanji.grone.thread))
70     (kanji.radical.winter));
71   tsu_render;
72 endtsuglyph;
73
74
75
76 endfont;
77
78

```

```
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;
```

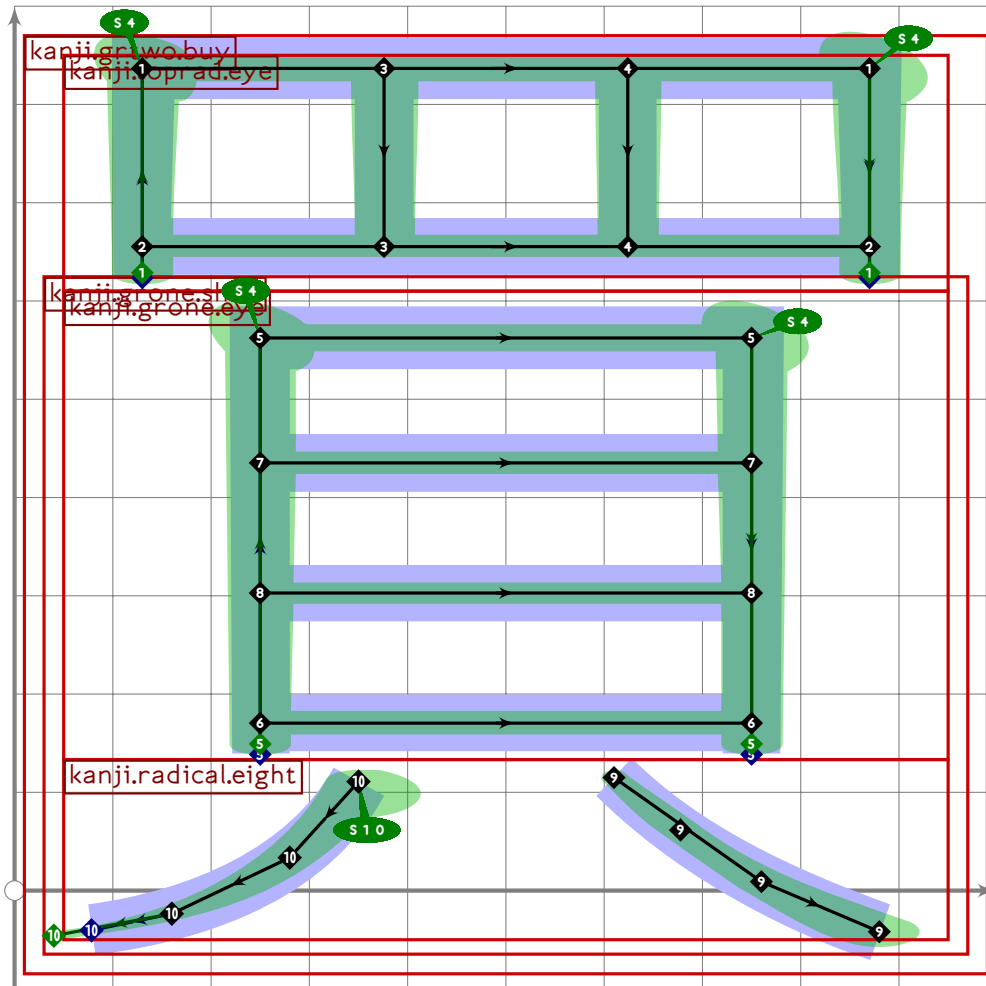
```
46
```

```
47 do_late_includes;
```

```
48
```

```
49
```

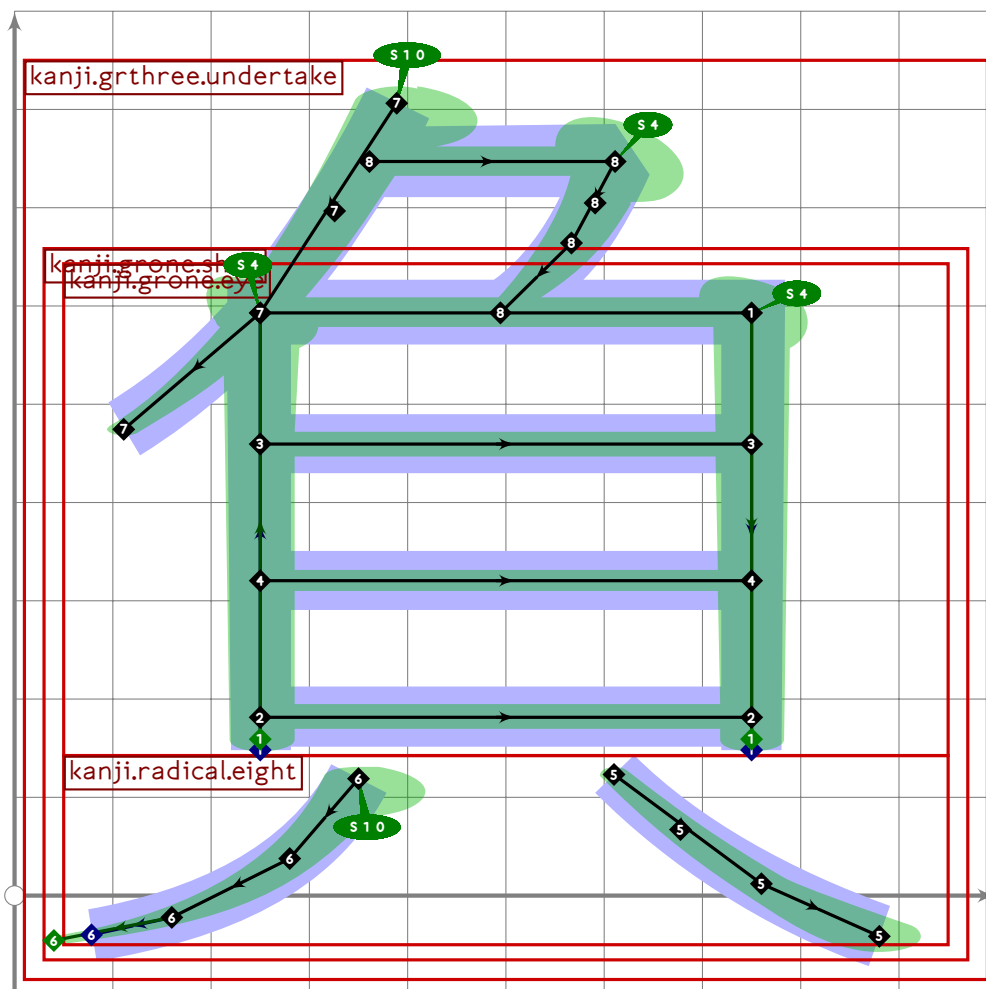
---



```

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.eyel));
56   expand_pbox;
57 enddef;
58
59

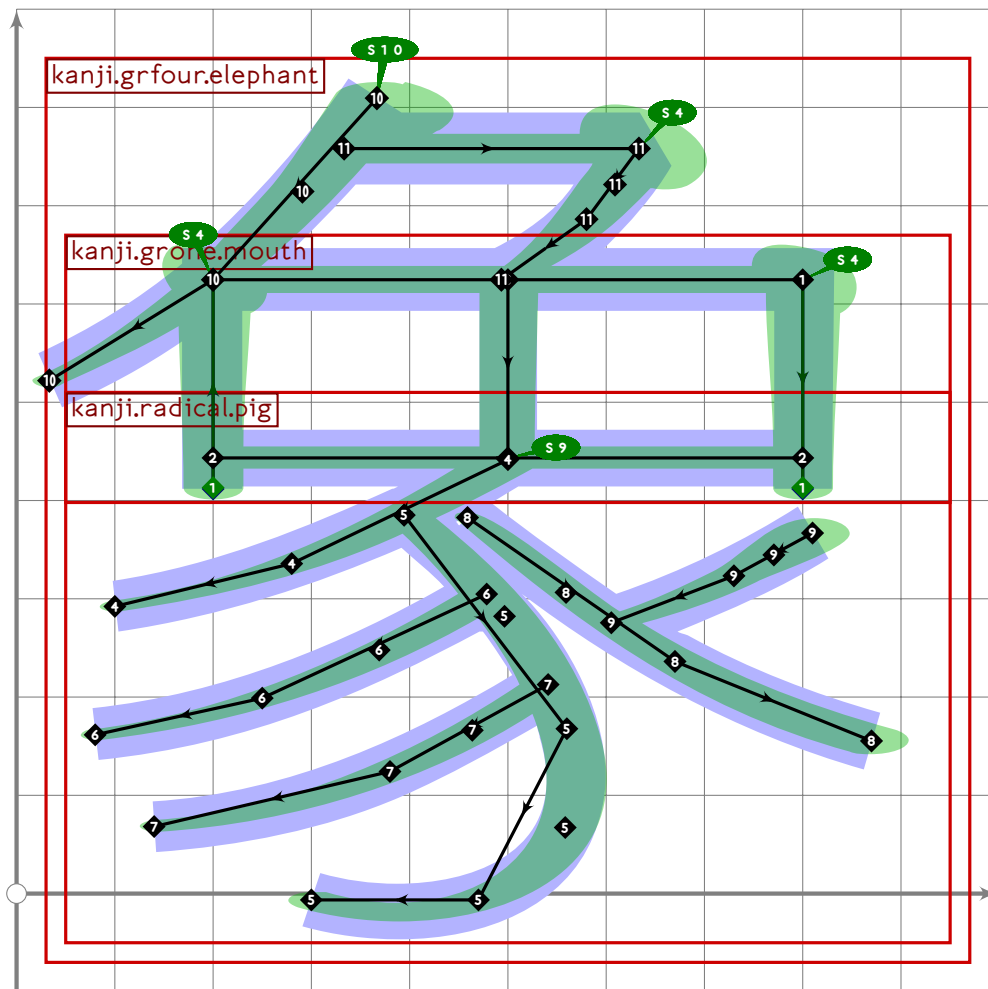
```



```

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

```

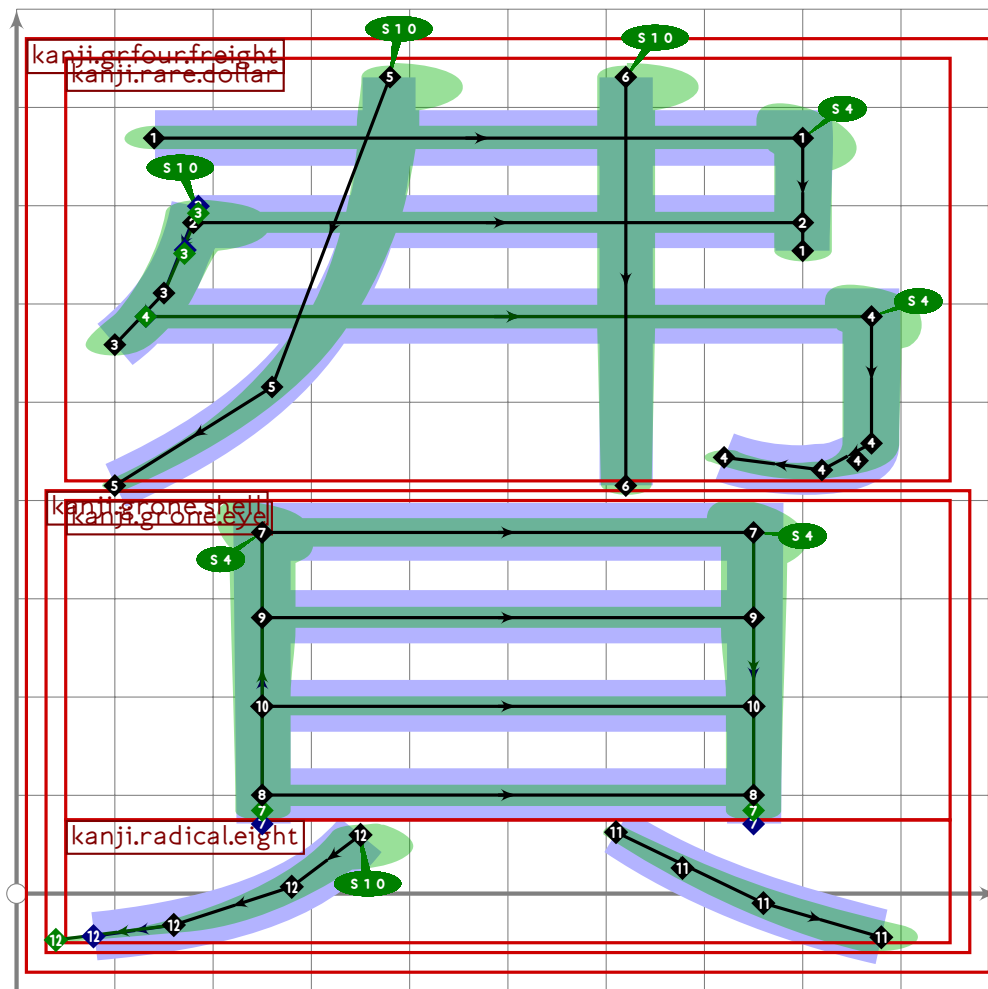


```

68
69 vardef kanji.grfour.elephant =
70   push_pbox_toexpand("kanji.grfour.elephant");
71   build_kanji.attach_fishhook(0.8)
72   (build_kanji.level(build_kanji.tb(580,140)
73     (kanji.grone.mouth)
74     (kanji.radical.pig);
75   replace_stroke(-6)((point 1.5 of get_stroke(-8))
76     -(point 0.5 of get_stroke(-7)));
77   replace_stroke(-6)((1.5,1.5)-(1.4,1.4)));
78   expand_pbox;
79 enddef;

```

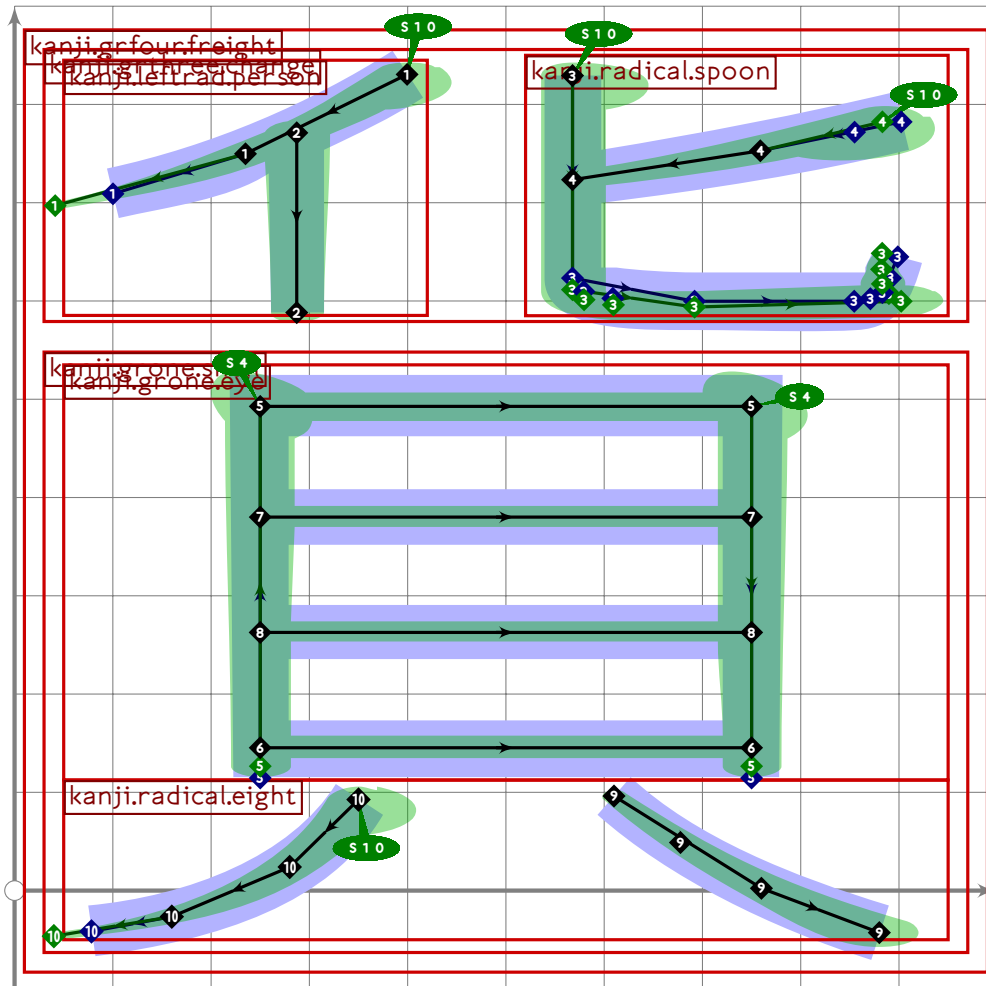
8C



```

80
81 vardef kanji.grfour.expense =
82   push_pbox_toexpand("kanji.grfour.freight");
83   build_kanji.thickness(0.92)(build_kanji.level(build_kanji.tb(410,-20)
84     (kanji.rare.dollar)
85     (kanji.grone.shell)));
86   expand_pbox;
87 enddef;

```

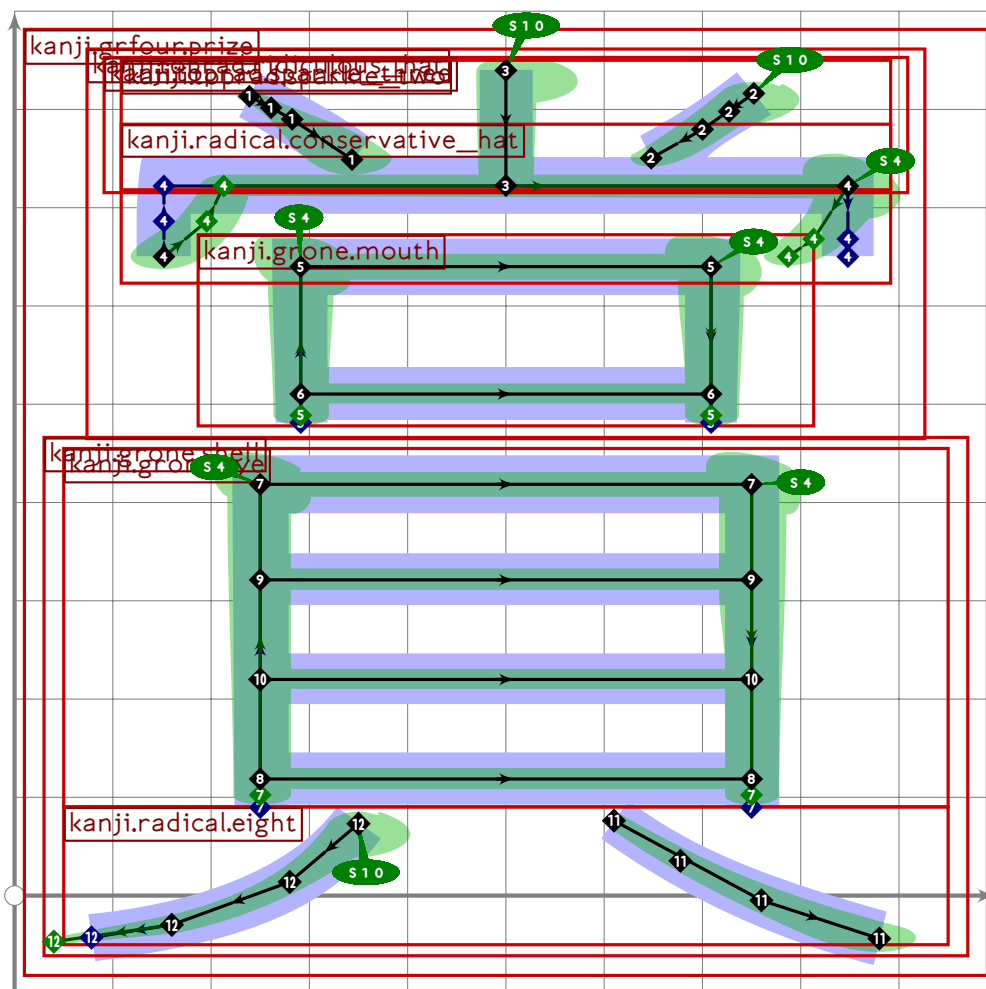


```

88
89 vardef kanji.grfour.freight =
90   push_pbox_toexpand("kanji.grfour.freight");
91   build_kanji.level(build_kanji.tb(560,-50)
92     (kanji.grthree.change)
93     (kanji.grone.shell));
94   expand_pbox;
95 enddef;

```

8C

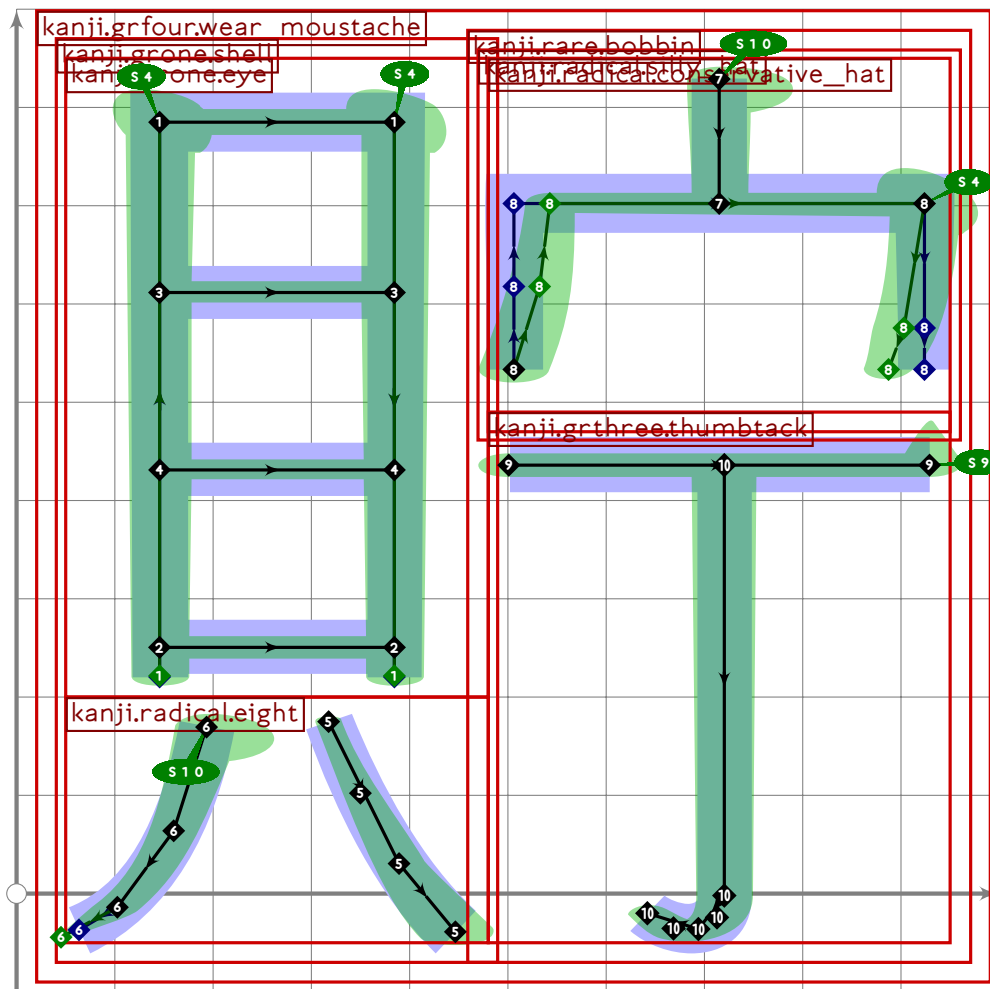


```

96
97 vardef kanji.grfour.prize =
98   push_pbox_toexpand("kanji.grfour.prize");
99   build_kanji.level(build_kanji.tb(460,-10)
100     (build_kanji.sscale(xscaled 0.87)(kanji.toprad.ridiculous_hat))
101     (kanji.grone.shell));
102   expand_pbox;
103 enddef;

```





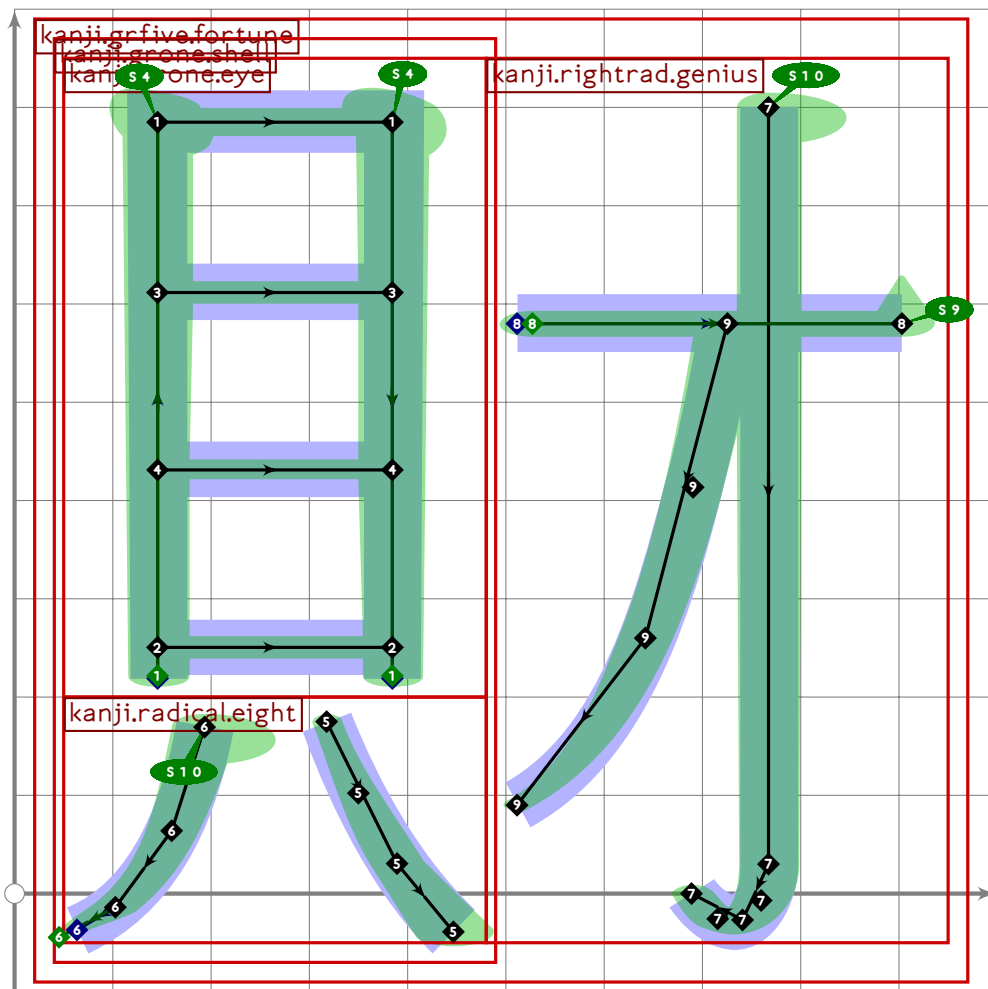
8C

```

104
105 vardef kanji.grfourwear_moustache =
106   push_pbox_toexpand("kanji.grfourwear_moustache");
107   build_kanji.level(build_kanji.lr(480,0)
108     (kanji.grone.shell)
109     (kanji.rare.bobbin));
110   expand_pbox;
111 enddef;
112
113
```

U+8CA1  
tsuku.uni8CA1

8C



```

114
115 vardef kanji.grfive.fortune =
116   push_pbox_toexpand("kanji.grfive.fortune");
117   build_kanji.level(build_kanji.lr(480,0)
118     (kanji.grone.shell)
119     (kanji.rightrad.genius));
120   expand_pbox;
121 enddef;

```

122

123

124

```

125 % koku/tani "valley"
126 beginsuglyph("uni8C37";55);
127   kanji.grtwo.valley;
128   tsu_render;
129 endtsuglyph;

```

[see page 547]

130

```

131 % tou/mame "bean"
132 beginsuglyph("uni8C46";70);
133   kanji.grthree.bean;
134   tsu_render;

```

[see page 557]

```

135 endtsuglyph;
136
137 % inoko "pig" radical
138 begintsuglyph("uni8C55";85); [see page 701]
139 kanji.radical.pig;
140 tsu_render;
141 endtsuglyph;
142
143 % shou/katado "elephant" or "to imitate"
144 begintsuglyph("uni8C61";97); [see page 2747]
145 kanji.grfour.elephant;
146 tsu_render;
147 endtsuglyph;
148
149 % bai/kai "shellfish"
150 begintsuglyph("uni8C9D";157); [see page 465]
151 kanji.grone.shell;
152 tsu_render;
153 endtsuglyph;
154
155 % fu/ma "undertake"
156 begintsuglyph("uni8CA0";160); [see page 2746]
157 kanji.grthree.undertake;
158 tsu_render;
159 endtsuglyph;
160
161 % zai/takara "fortune"
162 begintsuglyph("uni8CA1";161); [see page 2752]
163 kanji.grfive.fortune;
164 tsu_render;
165 endtsuglyph;
166
167 % ka/takara "freight"
168 begintsuglyph("uni8CA8";168); [see page 2749]
169 kanji.grfour.freight;
170 tsu_render;
171 endtsuglyph;
172
173 % seki/se "blame"
174 begintsuglyph("uni8CAC";172); [see page 634]
175 kanji.grfive.blame;
176 tsu_render;
177 endtsuglyph;
178
179 % cho/ta "wear moustache"
180 % That is what KANJIDIC2 says, and "save" is a reserved word.
181 begintsuglyph("uni8CAF";175); [see page 2751]
182 kanji.grfour.wear_moustache;

```

```

183   tsu_render;
184 endtsuglyph;
185
186 % gai/ka "buy"
187 begintsuglyph("uni8CB7";183); [see page 2745]
188   kanji.grtwo.buy;
189   tsu_render;
190 endtsuglyph;
191
192 % hi/tsui "expense"
193 begintsuglyph("uni8CBB";187); [see page 2748]
194   kanji.grfour.expense;
195   tsu_render;
196 endtsuglyph;
197
198 % fun "decorate" (needed for greight.indignation)
199 begintsuglyph("uni8CC1";193); [see page 811]
200   kanji.rare.decorate;
201   tsu_render;
202 endtsuglyph;
203
204 % shuu/ho "prize"
205 begintsuglyph("uni8CDE";222); [see page 2750]
206   kanji.grfour.prize;
207   tsu_render;
208 endtsuglyph;
209
210 _____
211
212 endfont;
213
214 _____

```

```
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;
```

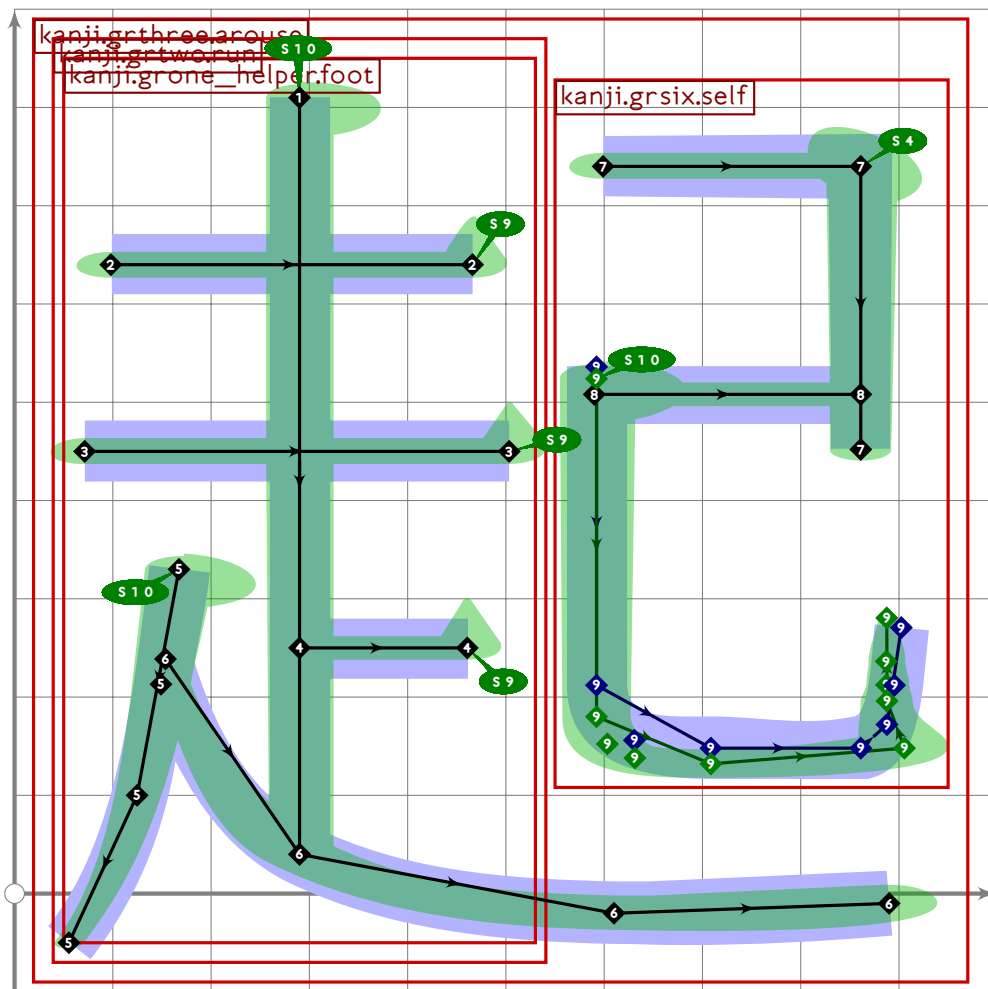
```
43
```

```
44 do_late_includes;
```

```
45
```

```
46
```

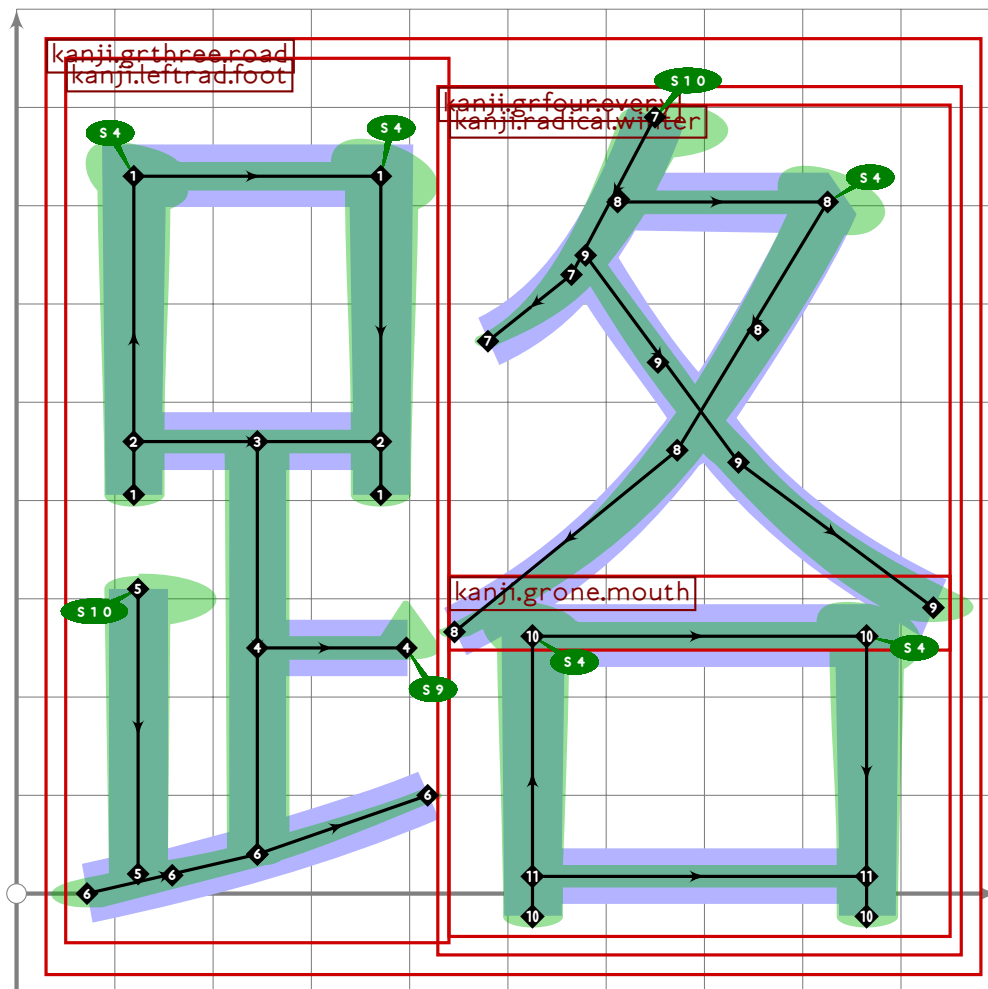
8D



```

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 endsuglyph;
73
74 % sou/hasi "run"
75 beginsuglyph("uni8D70",112);
76 kanji.grtwo.run;
77 tsu_render;

```

[see page 459]

[see page 538]

```
78 endtsuglyph;
79
80 % ki/o "arouse"
81 begintsuglyph("uni8D77",119); [see page 2756]
82   kanji.grthree.arouse;
83   tsu_render;
84 endtsuglyph;
85
86 % ashi/soku "foot"
87 begintsuglyph("uni8DB3",179); [see page 434]
88   kanji.grone.foot;
89   tsu_render;
90 endtsuglyph;
91
92 % ro/michi "road"
93 begintsuglyph("uni8DEF",239); [see page 2757]
94   kanji.grthree.road;
95   tsu_render;
96 endtsuglyph;
97
98 _____
99
100 endfont;
101
102 _____
```



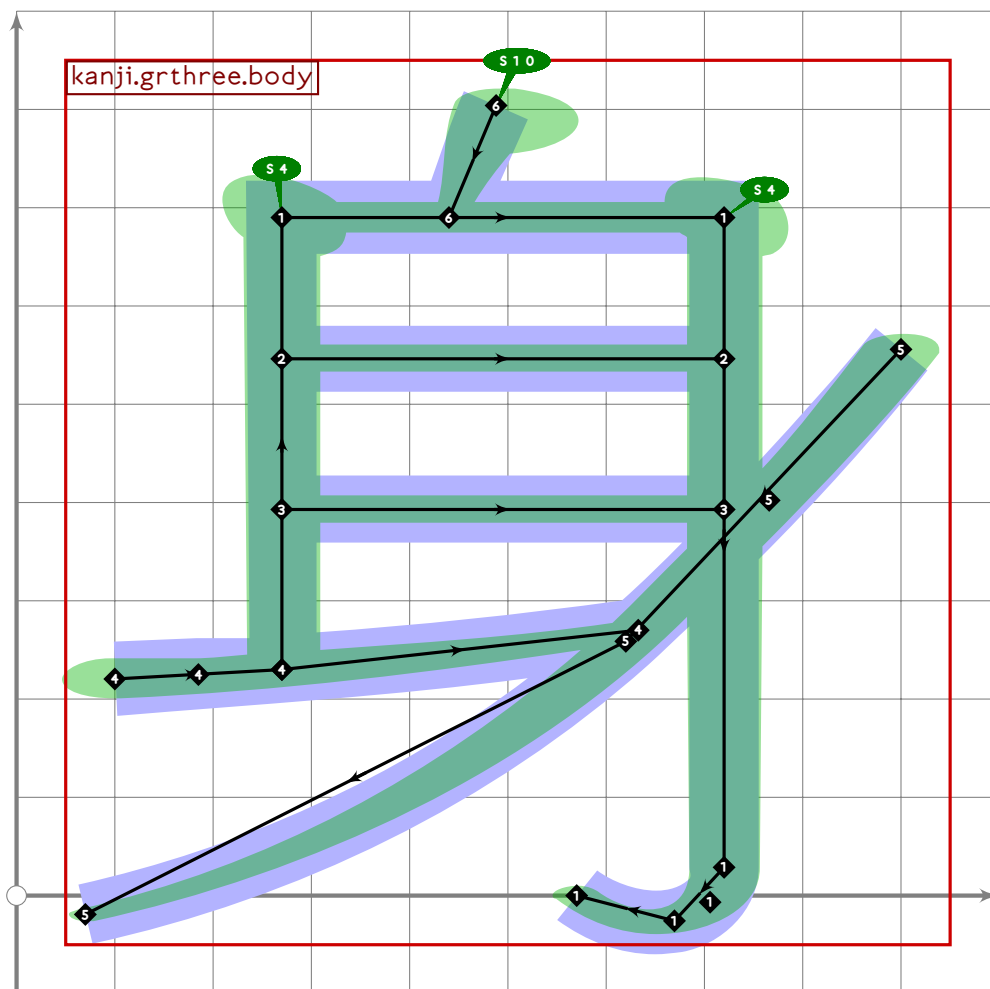
```
1 %
2 % Unicode page 8E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```



```

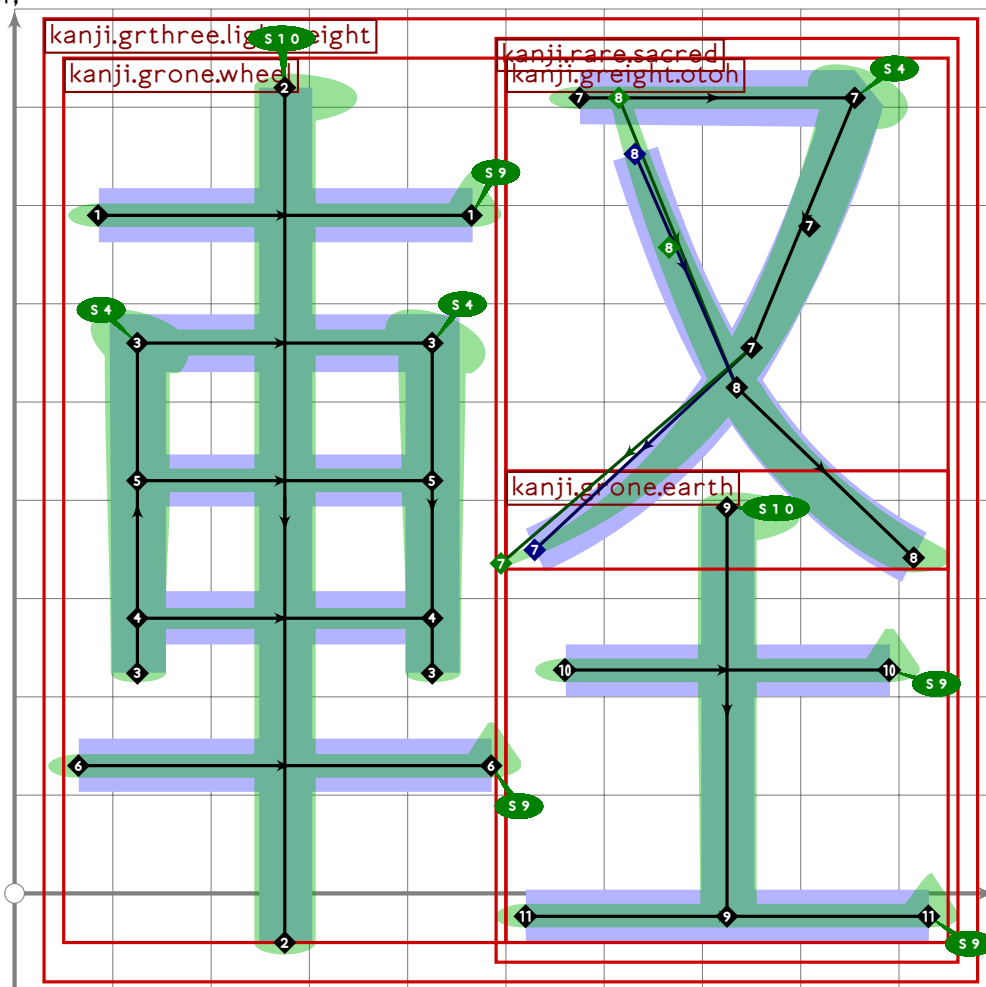
47
48 vardef kanji.grthree.body =
49   push_pbox_toexpand("kanji.grthree.body");
50   build_kanji.attach_tick(690)(
51     push_stroke((270,240)–(270,720)–(720,720),
52       (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
53     build_kanji.add_jtail(0);
54     set_boserif(0,1,4);
55     set_boserif(0,2,4);
56     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;

```



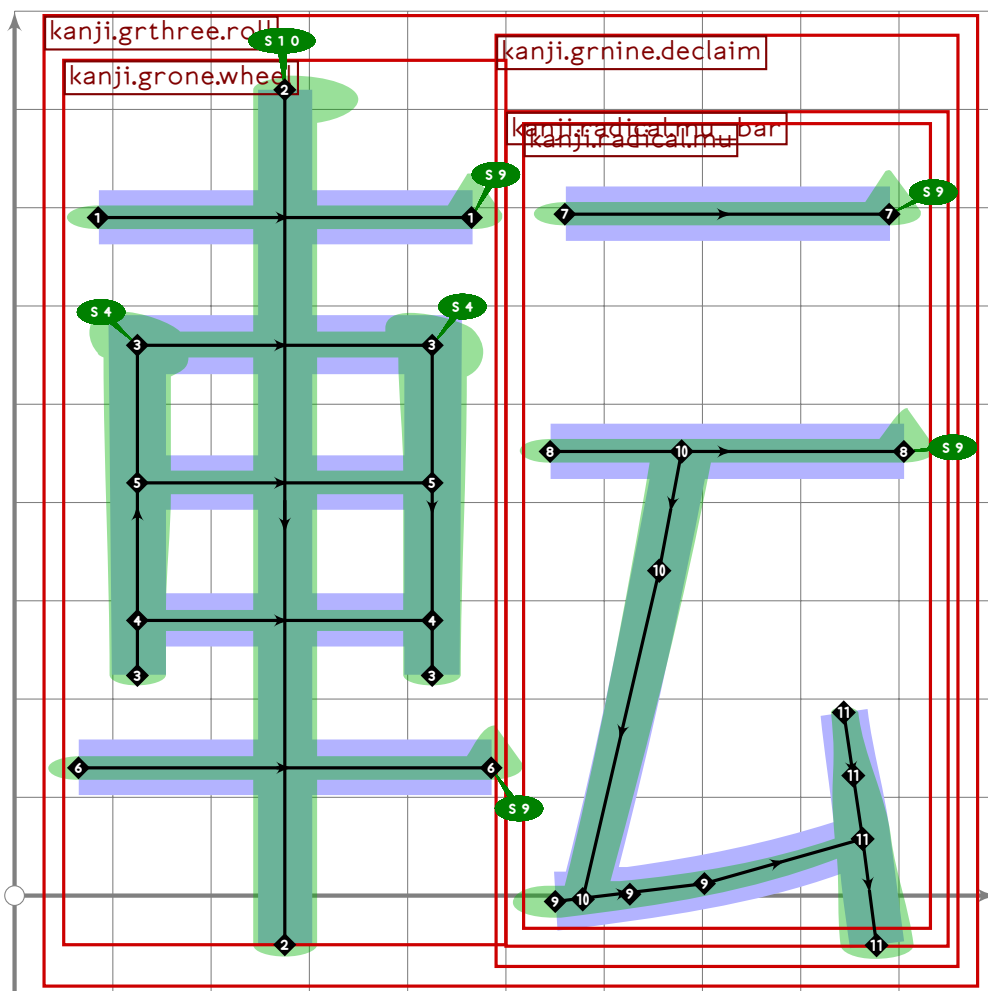
```

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 2760]

[see page 477]

```

107 endtsuglyph;
108
109 % gun/ikusa "army"
110 begintsuglyph("uni8ECD";205); [see page 600]
111   kanji.grfour.army;
112   tsu_render;
113 endtsuglyph;
114
115 % ten/koro "roll"
116 begintsuglyph("uni8EE2";226); [see page 2762]
117   kanji.grthree.roll;
118   tsu_render;
119 endtsuglyph;
120
121 % kei/karu "lightweight"
122 begintsuglyph("uni8EFD";253); [see page 2761]
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 gradefive.mp;
```

```
39 input gradeone.mp;
```

```
40 input gradethree.mp;
```

```
41 input gradetwo.mp;
```

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

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

```
44 input toprad.mp;
```

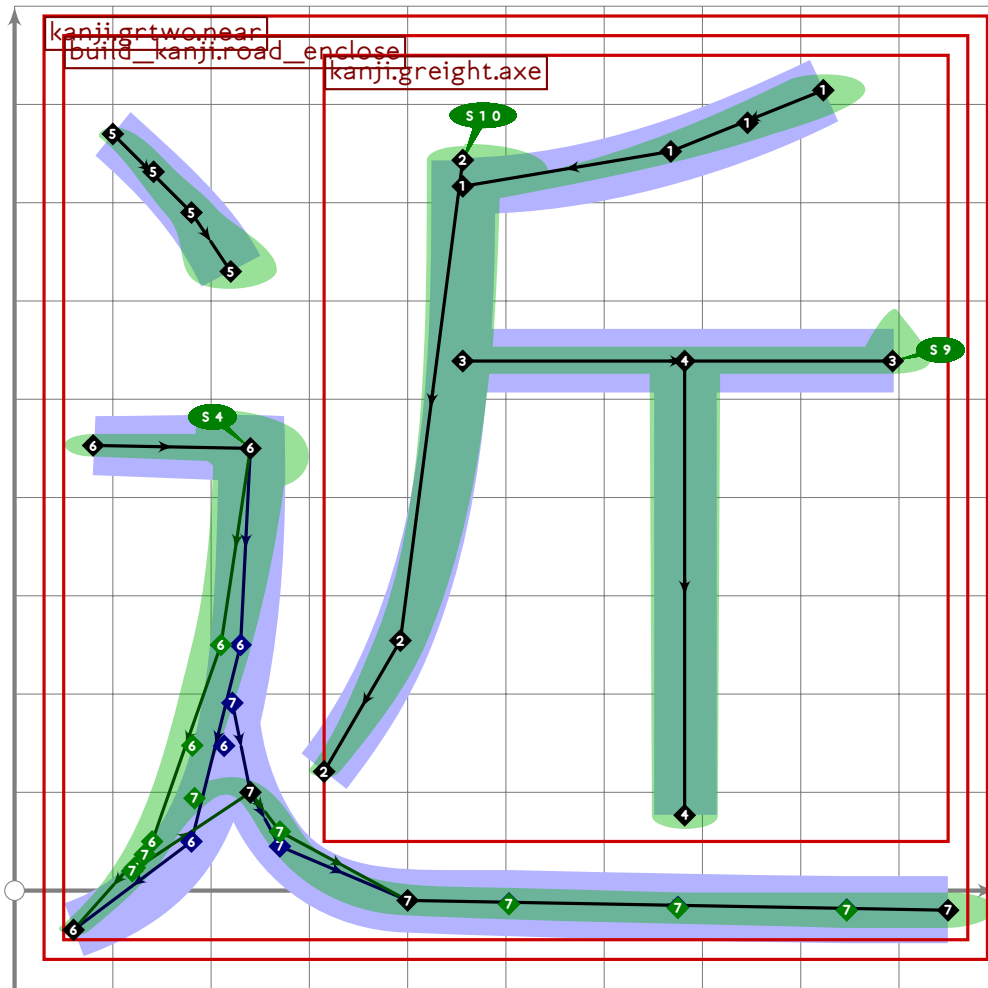
```
45
```

```
46 do_late_includes;
```

```
47
```

```
48
```

---

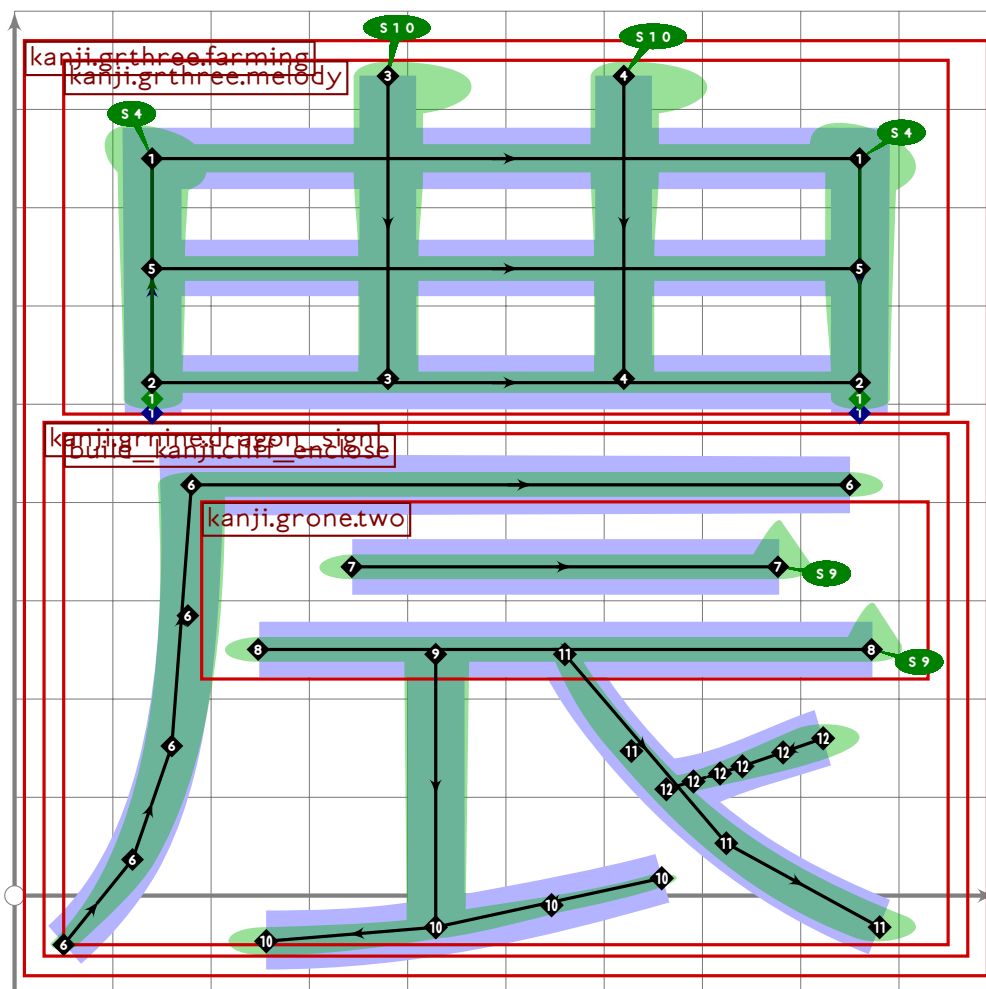


8F

```

49
50 vardef kanji.grtwo.near =
51   push_pbox_toexpand("kanji.grtwo.near");
52   build_kanji.road_enclose(kanji.greight.axe);
53   expand_pbox;
54 enddef;
55
56

```

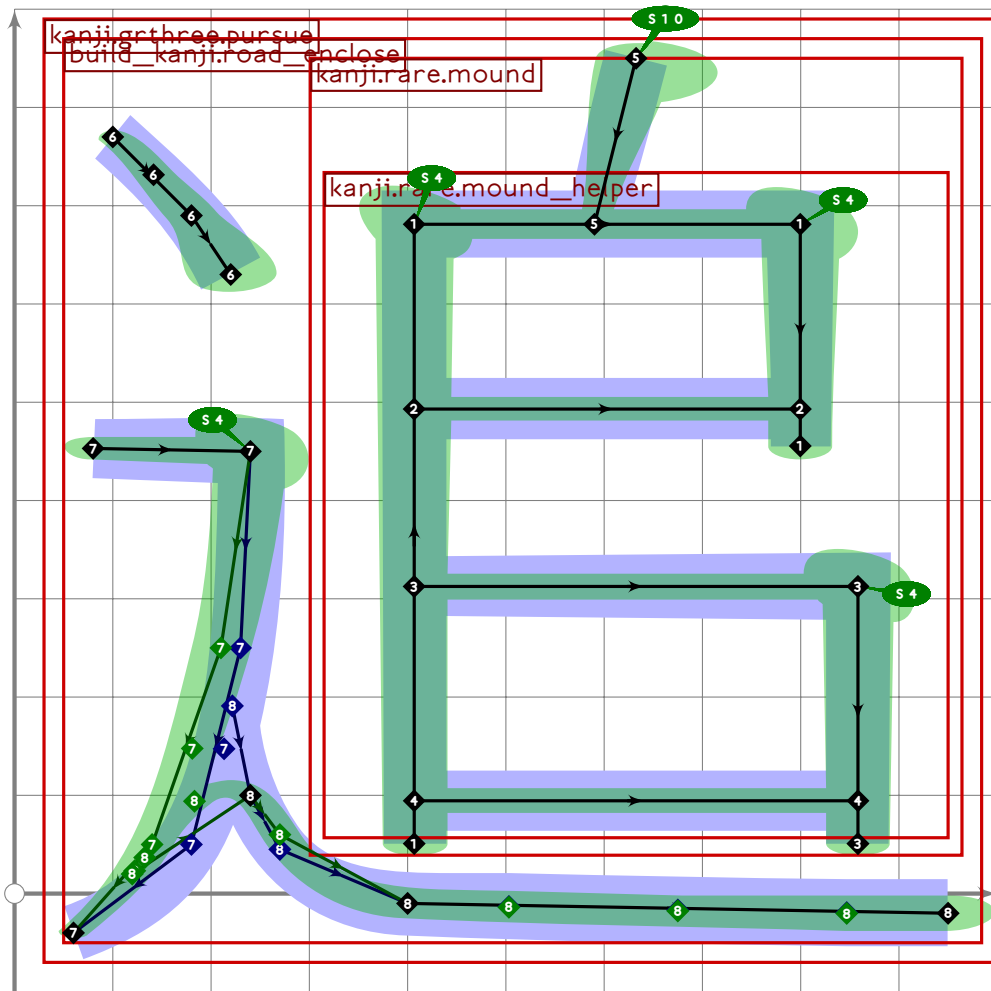


```

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

```





8F

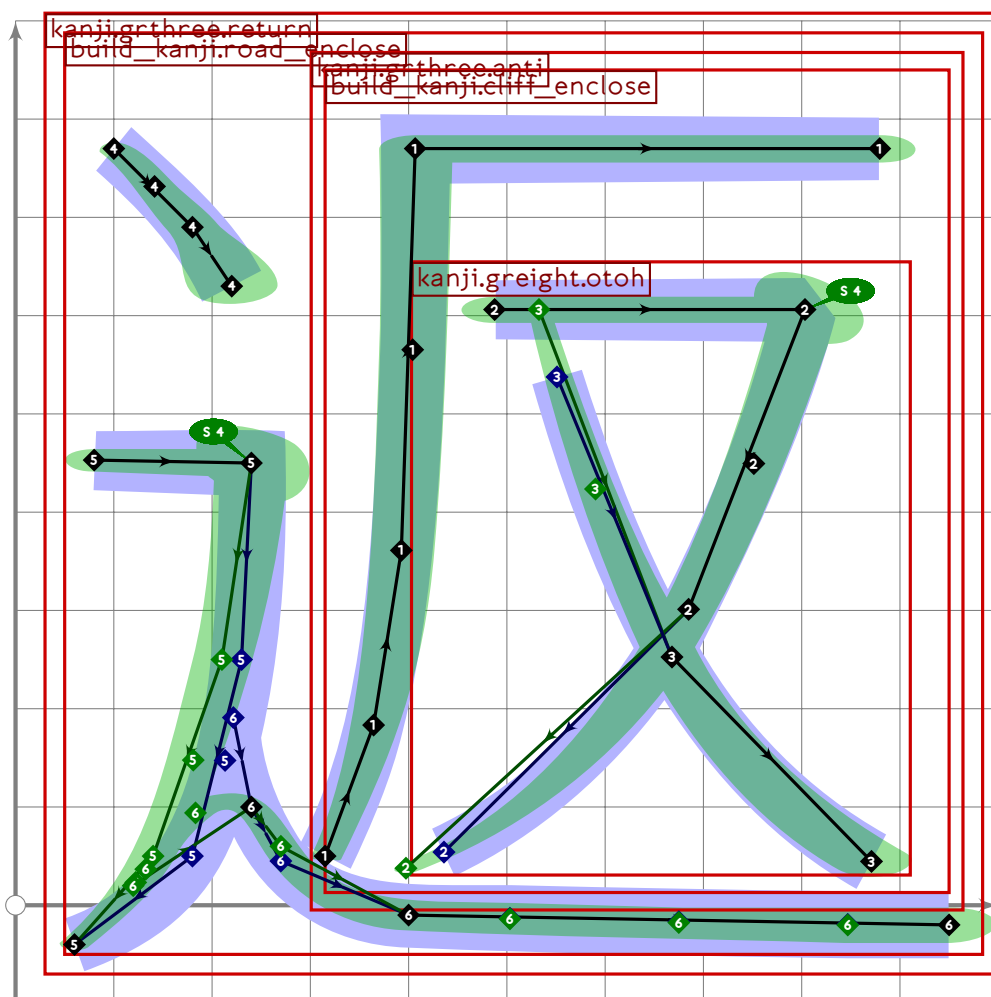
```

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

```

U+8FD4  
tsuku.uni8FD4

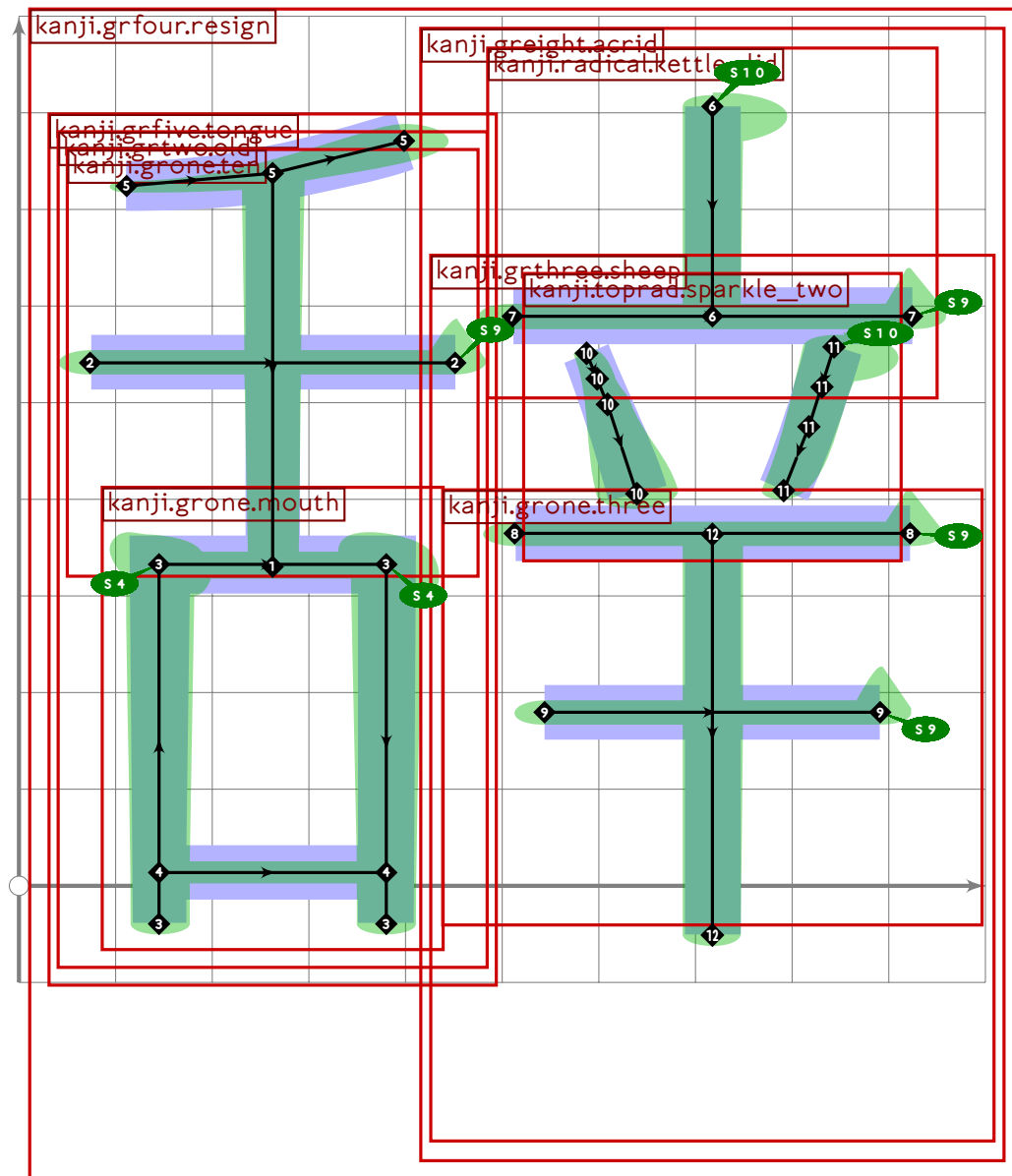
8F



```

71
72 vardef kanji.grthree.return =
73   push_pbox_toexpand("kanji.grthree.return");
74   build_kanji.road_enclose(kanji.grthree.anti);
75   expand_pbox;
76 enddef;
77
78

```



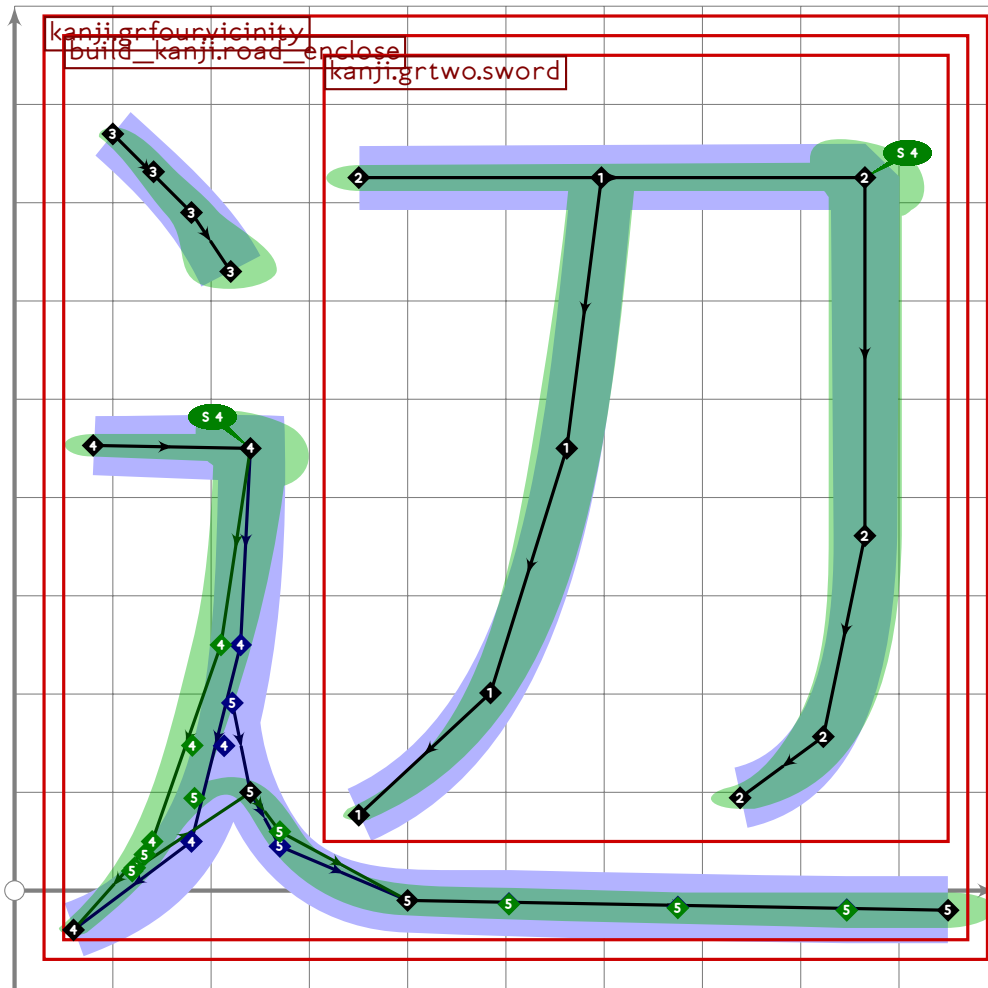
```

79
80 vardef kanji.grfour.resign =
81   push_pbox_toexpand("kanji.grfour.resign");
82   build_kanji.level(build_kanji.lr(480;10)
83     (tsu_xform(identity yscaled 0.92 shifted (0;20))(kanji.grfive.tongue))
84     (tsu_xform(identity yscaled 1.02 shifted (0;0))(kanji.greight.acrid)));
85   expand_pbox;
86 enddef;

```

U+8FBA  
tsuku.uni8FBA

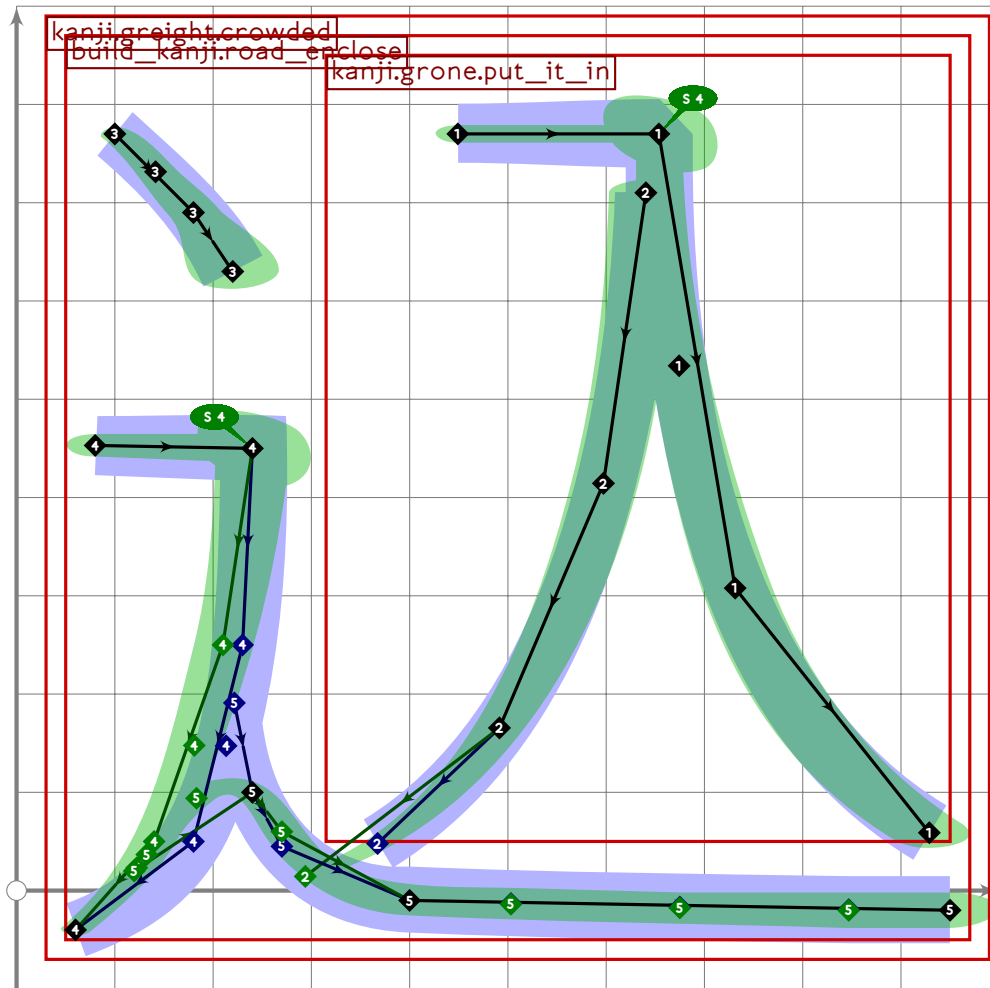
8F



```

87
88 vardef kanji.grfour.vicinity =
89   push_pbox_toexpand("kanji.grfour.vicinity");
90   build_kanji.road_enclose(kanji.grtwo.sword);
91   expand_pbox;
92 enddef;
93
94

```



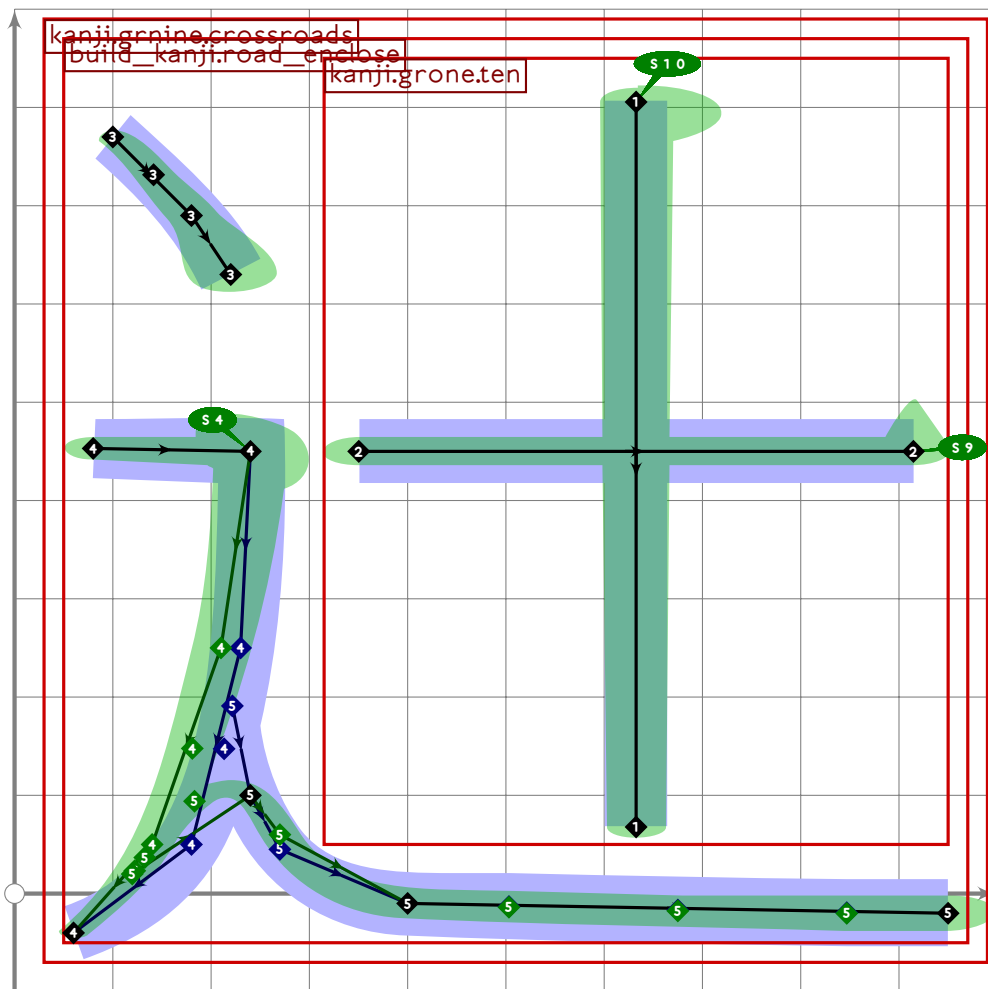
8F

```

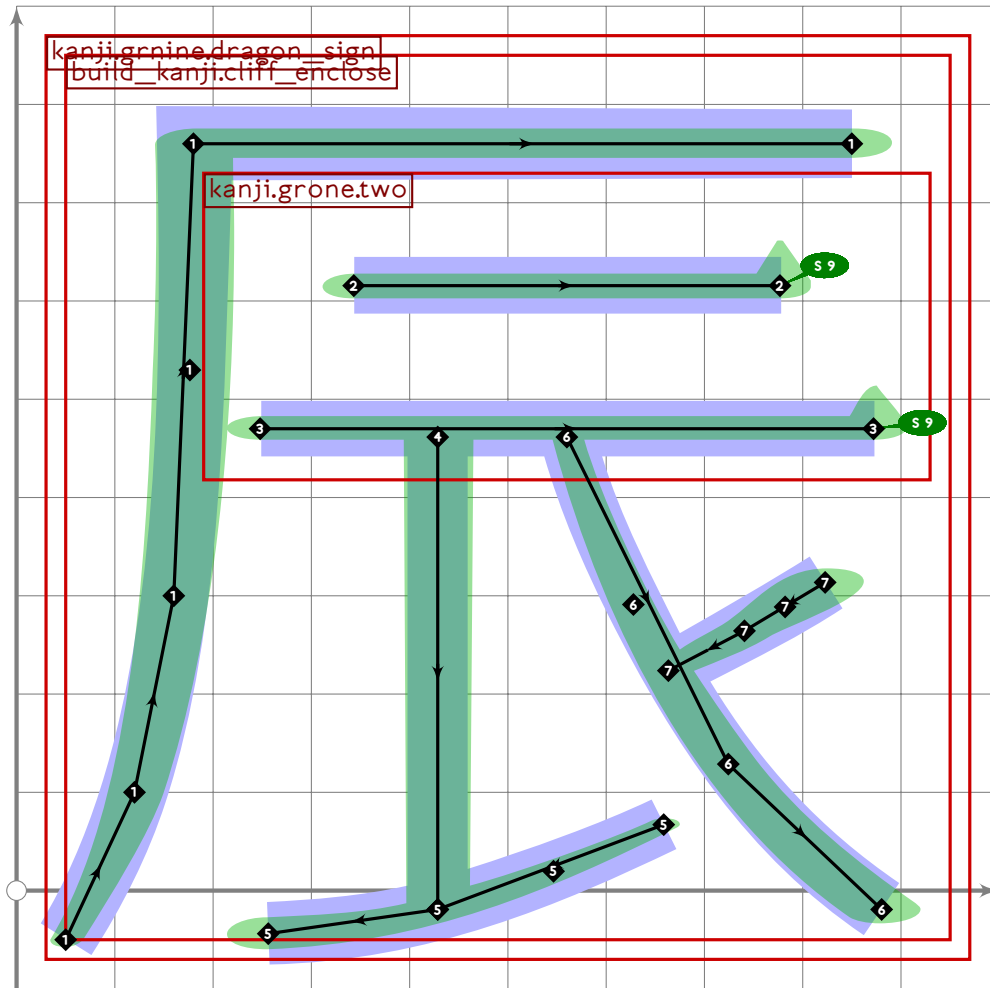
95
96 vardef kanji.greight.crowded =
97   push_pbox_toexpand("kanji.greight.crowded");
98   build_kanji.road_enclose(kanji.grone.put_it_in);
99   expand_pbox;
100 enddef;
101
102
```

U+8FBB  
tsuku.uni8FBB

8F



```
103  
104 vardef kanji.grnine.crossroads =  
105   push_pbox_toexpand("kanji.grnine.crossroads");  
106   build_kanji.road_enclose(kanji.grone.ten);  
107   expand_pbox;  
108 enddef;
```

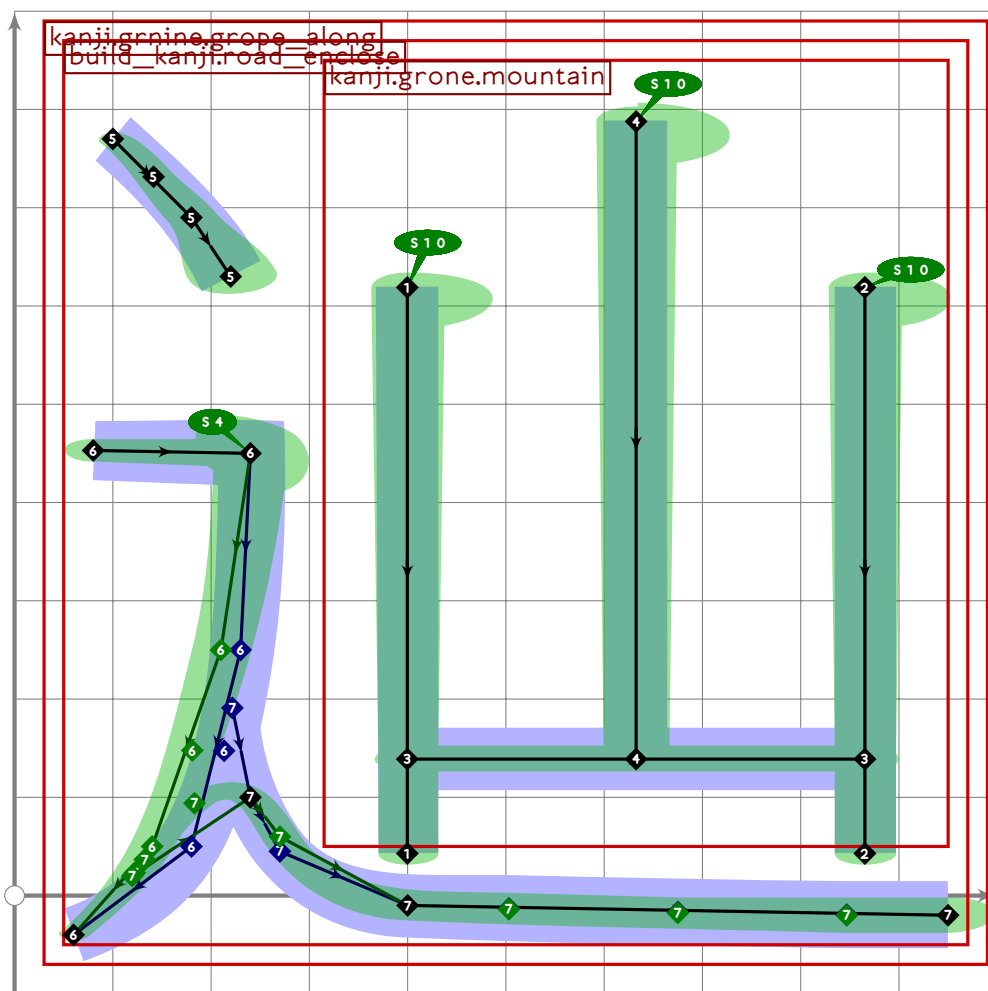


8F

```

109
110 vardef kanji.grnine.dragon_sign =
111   push_pbox_toexpand("kanji.grnine.dragon_sign");
112   build_kanji.cliff_enclose(build_kanji.sscale(xscaled 1.12)
113     (build_kanji.tb(540,100)
114       (kanji.grone.two;
115         replace_stroke(-1)
116           (oldp shifted (-500,-100) xscaled 0.8 shifted (500,0)))
117       (push_stroke((340,780)-(340,0),(1.6,1.6)-(1.5,1.5));
118         push_stroke((620,140)..tension 1.2..
119           (point 1 of get_stroke(0)..(130,-40),
120             (1,1)-(1.5,1.5)-(1.8,1.8));
121         push_stroke((500,780)..tension 1.2..(700,240)..(890,0),
122           (1,1)-(1.4,1.4)-(1.7,1.7));
123         push_stroke((820,540)..tension 1.2..(720,460)..
124           (point 0.69 of get_stroke(0)),
125           (1.7,1.7)-(1.4,1.4)-(1.2,1.2)))));
126   expand_pbox;
127 enddef;

```



```

128
129 vardef kanji.grnine.grope_along =
130   push_pbox_toexpand("kanji.grnine.grope_along");
131   build_kanji.road_enclose(kanji.grone.mountain);
132   expand_pbox;
133 enddef;
134

```

```

135
136
137 % shin/kara "acrid"
138 begintsuglyph("uni8F9B";155);
139   kanji.greight.acrid;
140   tsu_render;
141 endtsuglyph;
142
143 % ji/ya "resign" or "dictionary"
144 begintsuglyph("uni8F9E";158);
145   kanji.grfour.resign;
146   tsu_render;
147 endtsuglyph;
148

```

[see page 727]

[see page 2769]



149 % heki/kimu "punish"  
 150 begintsuglyph("uni8F9F";159); [see page 835]  
 151 kanji.rare.punish;  
 152 tsu\_render;  
 153 endtsuglyph;  
 154  
 155 % shin/tatsu "zodiac sign of the dragon"  
 156 begintsuglyph("uni8FB0";176); [see page 2773]  
 157 kanji.grnine.dragon\_sign;  
 158 tsu\_render;  
 159 endtsuglyph;  
 160  
 161 % nou/na "farming"  
 162 begintsuglyph("uni8FB2";178); [see page 2766]  
 163 kanji.grthree.farming;  
 164 tsu\_render;  
 165 endtsuglyph;  
 166  
 167 % hen/ata "vicinity"  
 168 begintsuglyph("uni8FBA";186); [see page 2770]  
 169 kanji.grfour.vicinity;  
 170 tsu\_render;  
 171 endtsuglyph;  
 172  
 173 % tsuji "crossroads"  
 174 begintsuglyph("uni8FBB";187); [see page 2772]  
 175 kanji.grnine.crossroads;  
 176 tsu\_render;  
 177 endtsuglyph;  
 178  
 179 % ko "crowded"  
 180 begintsuglyph("uni8FBC";188); [see page 2771]  
 181 kanji.greight.crowded;  
 182 tsu\_render;  
 183 endtsuglyph;  
 184  
 185 % ten/tado "grobe along"  
 186 begintsuglyph("uni8FBF";191); [see page 2774]  
 187 kanji.grnine.grobe\_along;  
 188 tsu\_render;  
 189 endtsuglyph;  
 190  
 191 % kin/chika "near"  
 192 begintsuglyph("uni8FD1";209); [see page 2765]  
 193 kanji.grtwo.near;  
 194 tsu\_render;  
 195 endtsuglyph;  
 196

```
197 % hen/kae "return"
198 begintsuglyph("uni8FD4";212); [see page 2768]
199   kanji.grthree.return;
200   tsu_render;
201 endtsuglyph;
202
203 % tsui/o "pursue"
204 begintsuglyph("uni8FFD";253); [see page 2767]
205   kanji.grthree.pursue;
206   tsu_render;
207 endtsuglyph;
208
209 _____
210
211 endfont;
212
213 _____
```

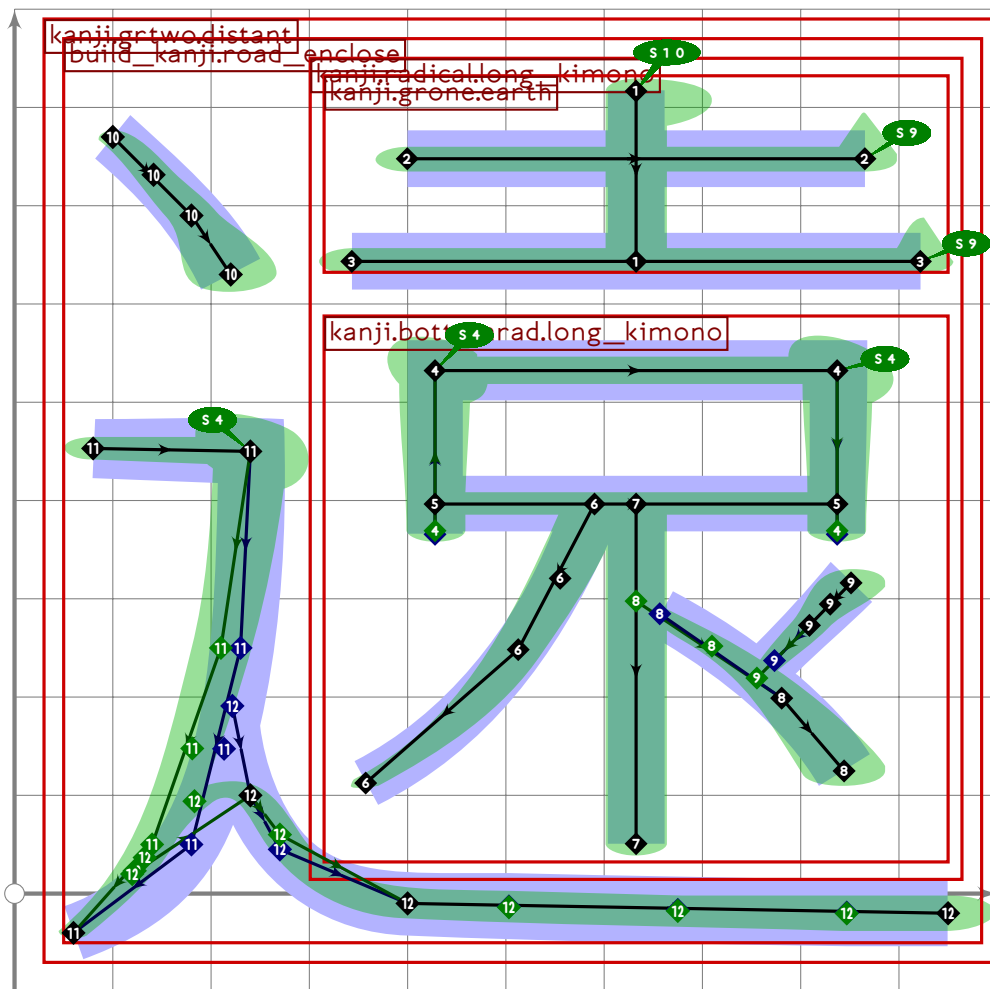
```
1 %
2 % Unicode page 90 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input 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 radical.mp;
47 input rare.mp;
48 input rightrad.mp;
49 input toprad.mp;
50
51 do_late_includes;
52
53 

---

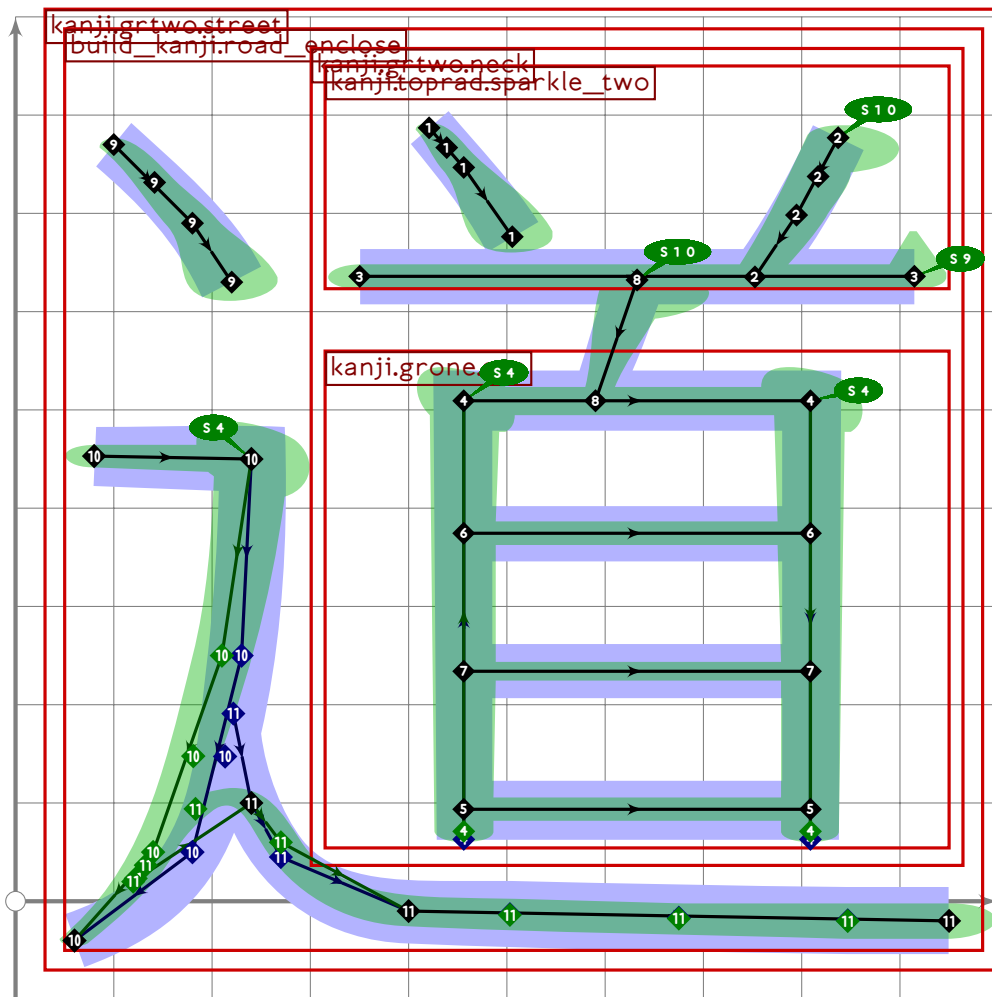

```



```

54
55 vardef kanji.grtwo.distant =
56   push_pbox_toexpand("kanji.grtwo.distant");
57   build_kanji.road_enclose(tsu_xform(identity shifted (0,20))
58     (kanji.radical.long_kimono));
59   expand_pbox;
60 enddef;

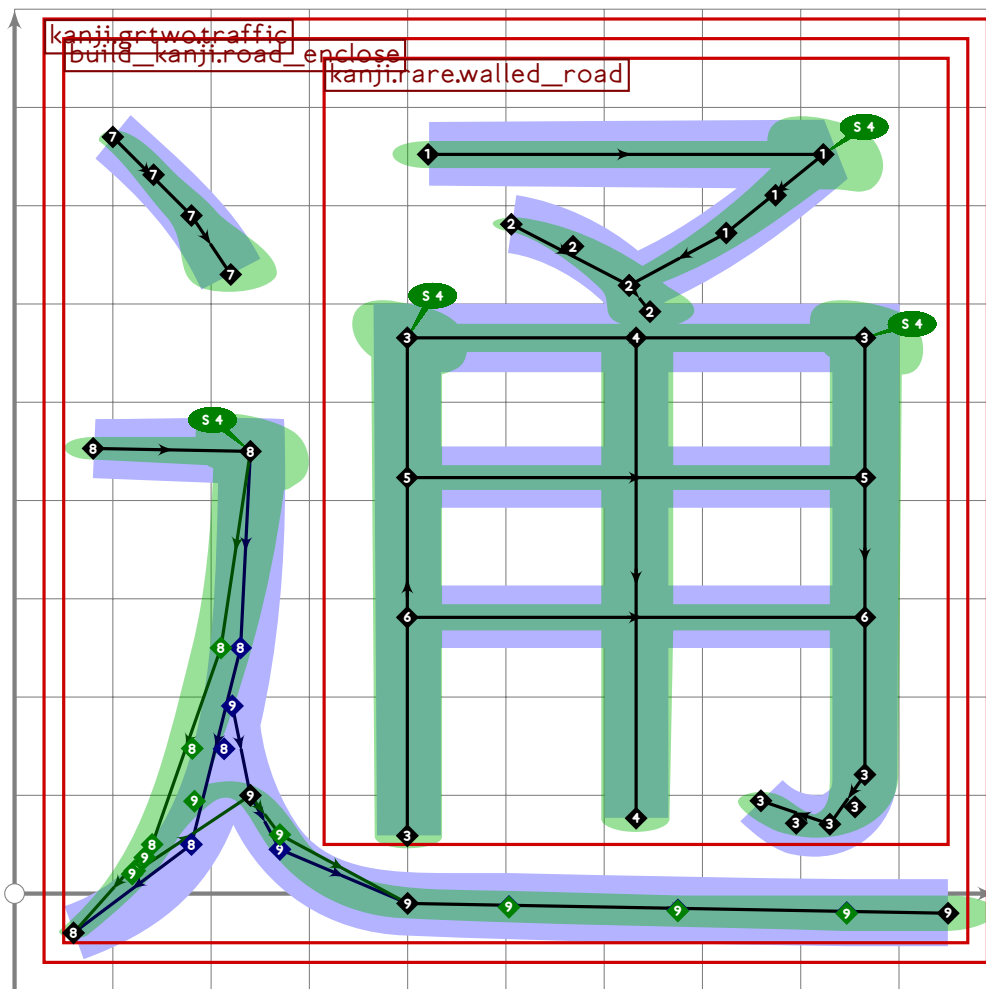
```



```

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

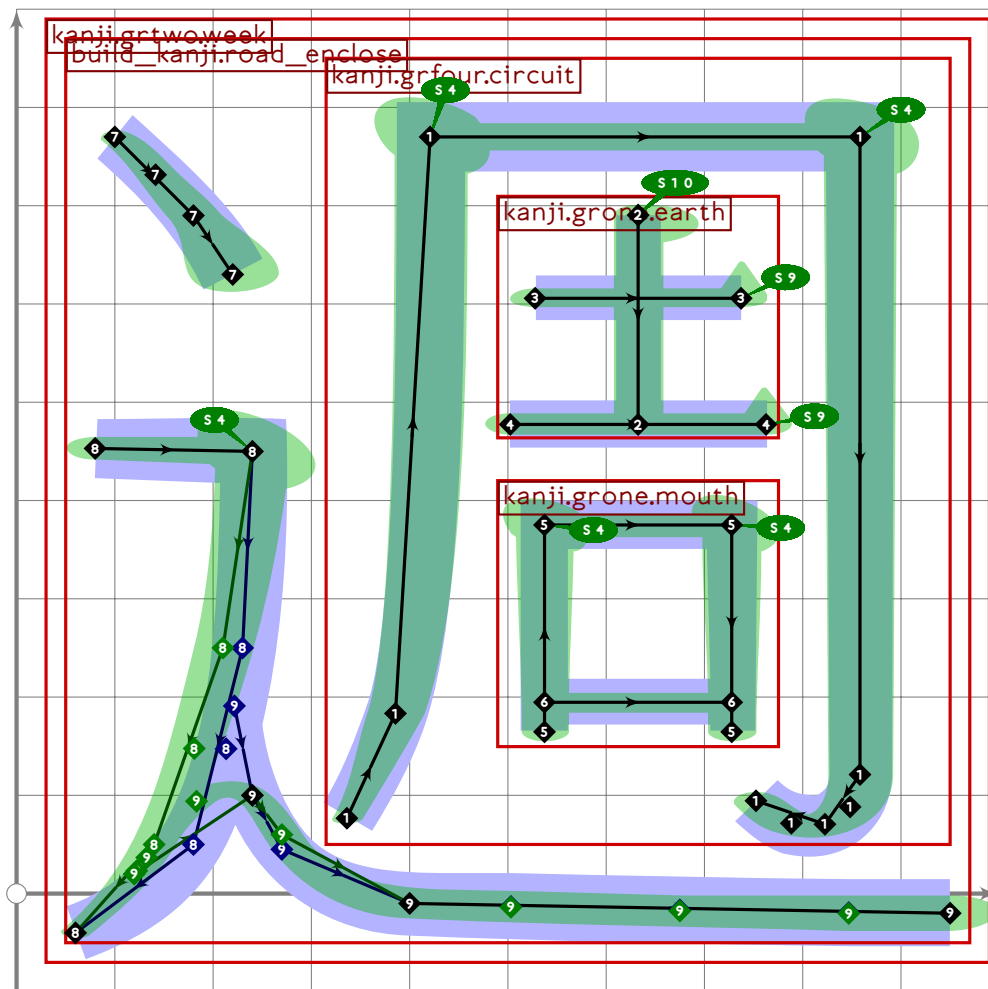
```



```

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

```



90

```

73
74 vardef kanji.grtwo.week =
75   push_pbox_toexpand("kanji.grtwo.week");
76   build_kanji.road_enclouse(kanji.grfour.circuit);
77   expand_pbox;
78 enddef;
79
80 

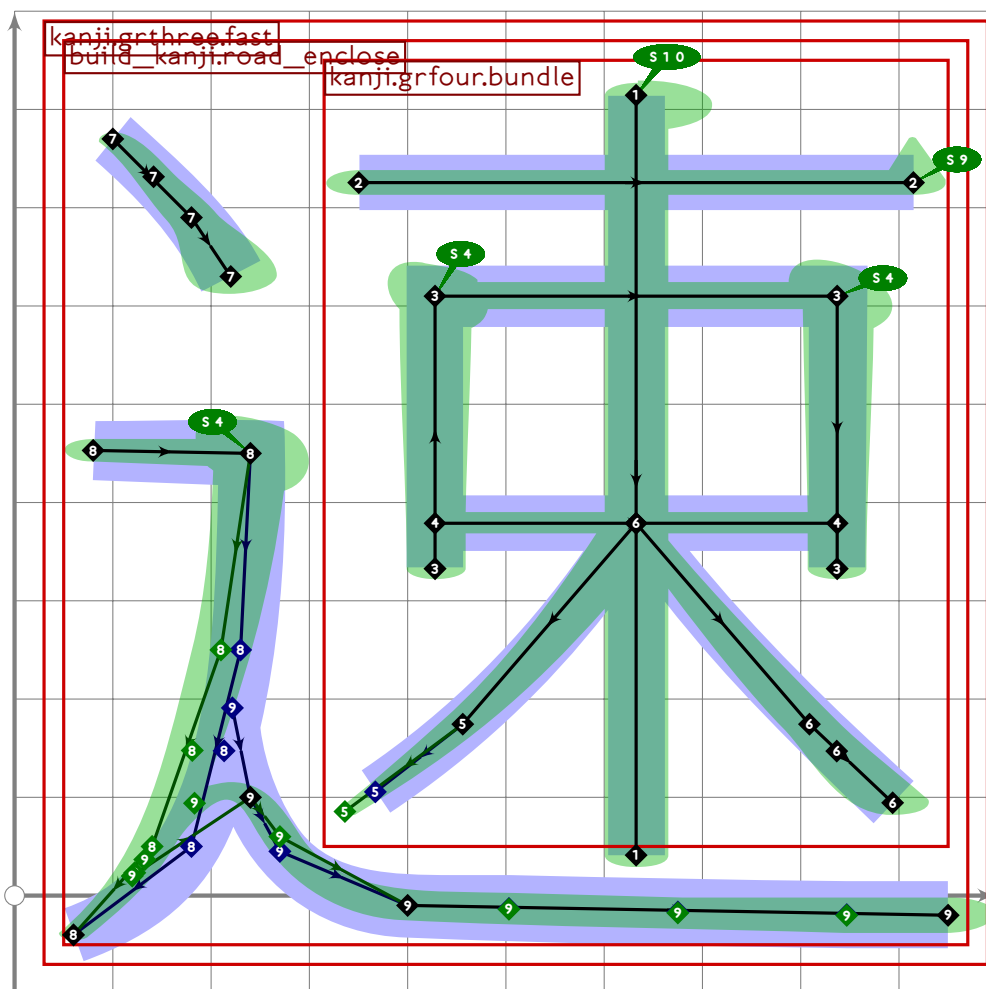
---



```

U+901F  
tsuku.uni901F

90

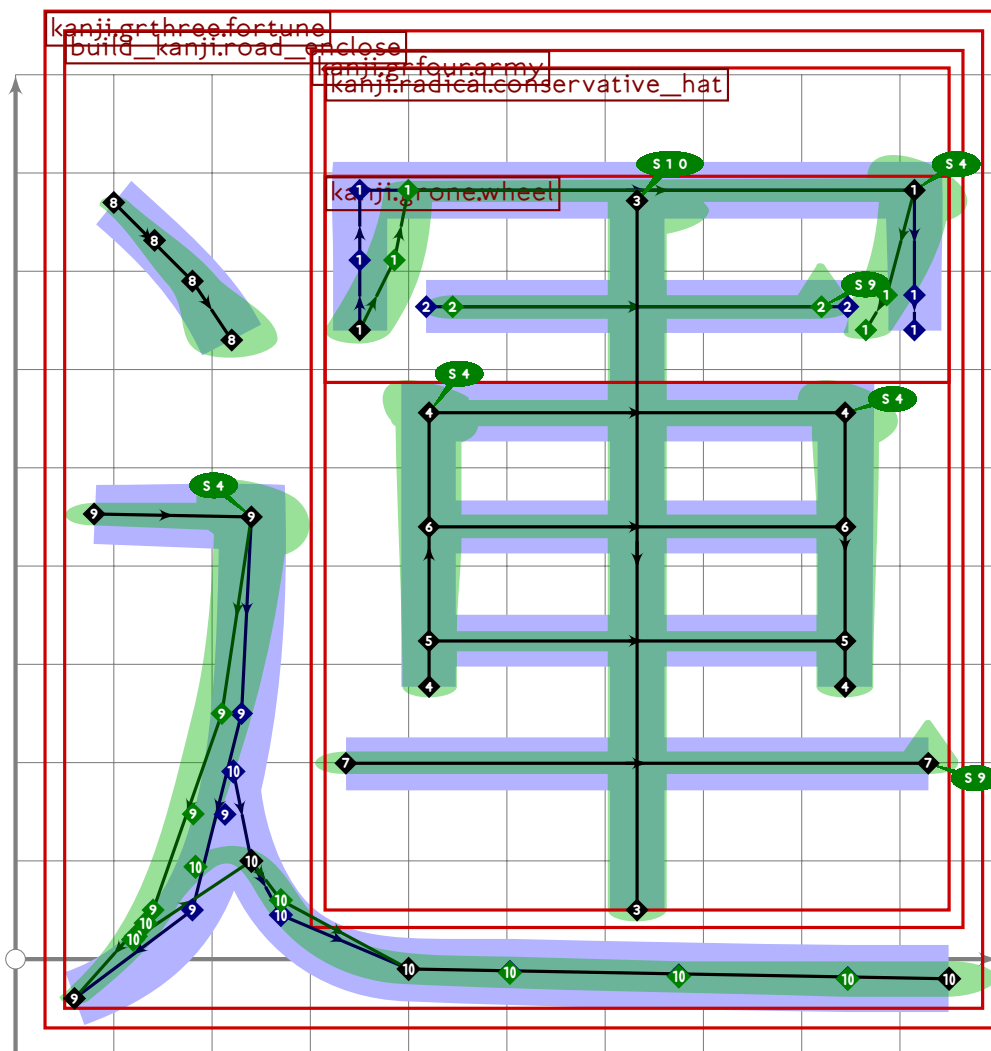


```

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

```





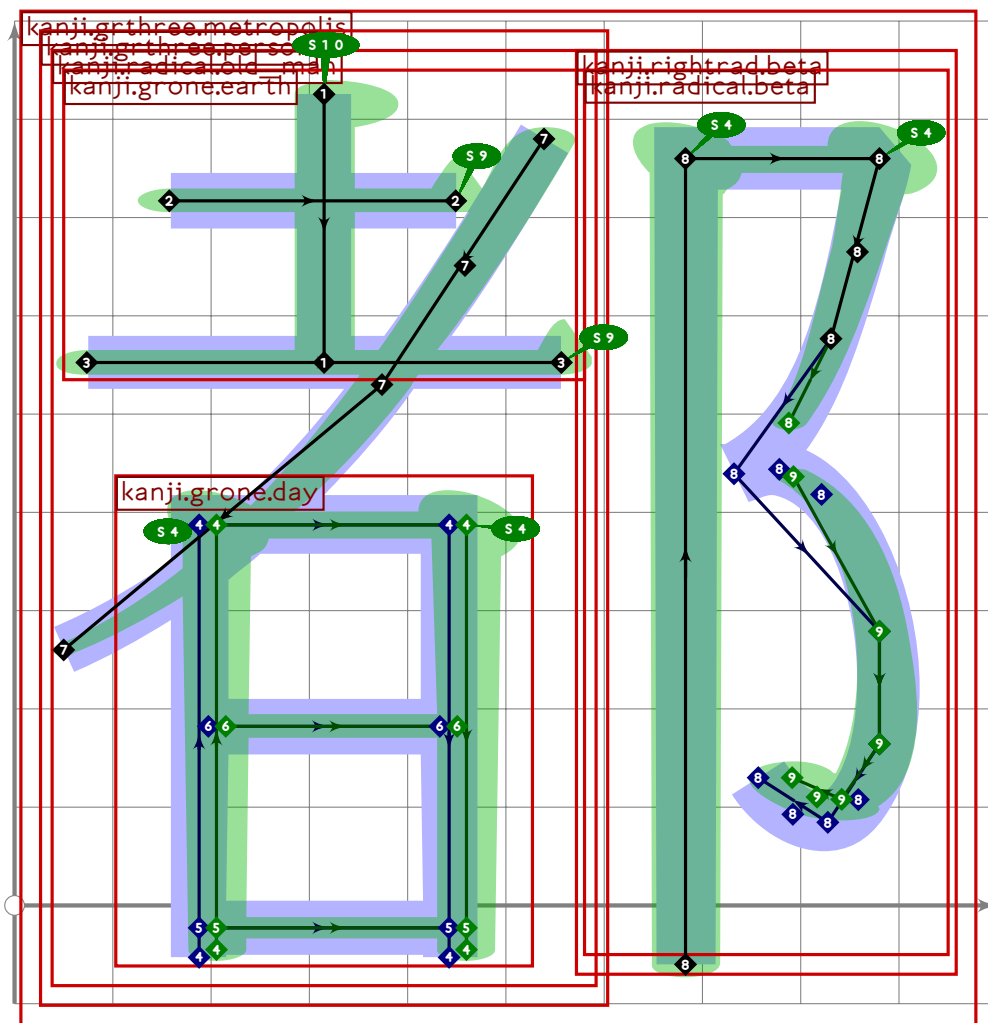
```

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

```

U+90FD  
tsuku.uni90FD

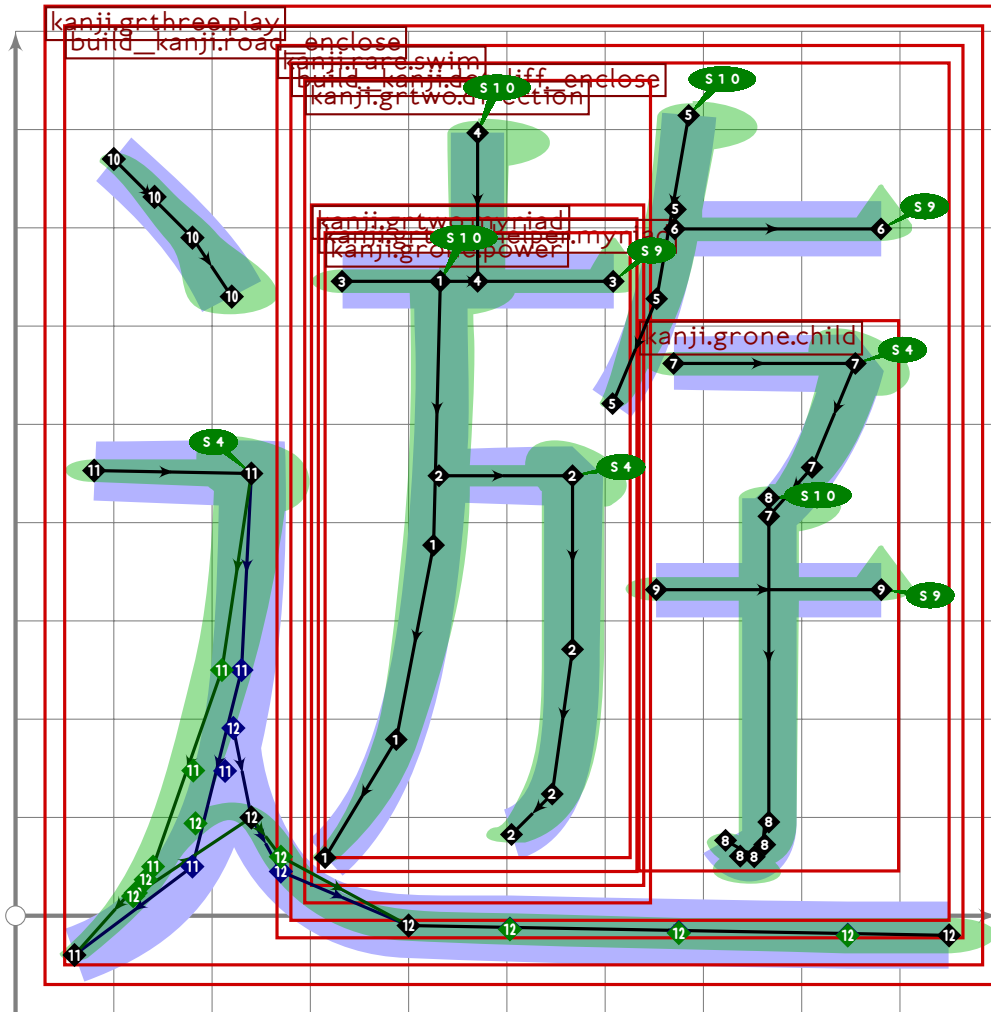
90



```

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

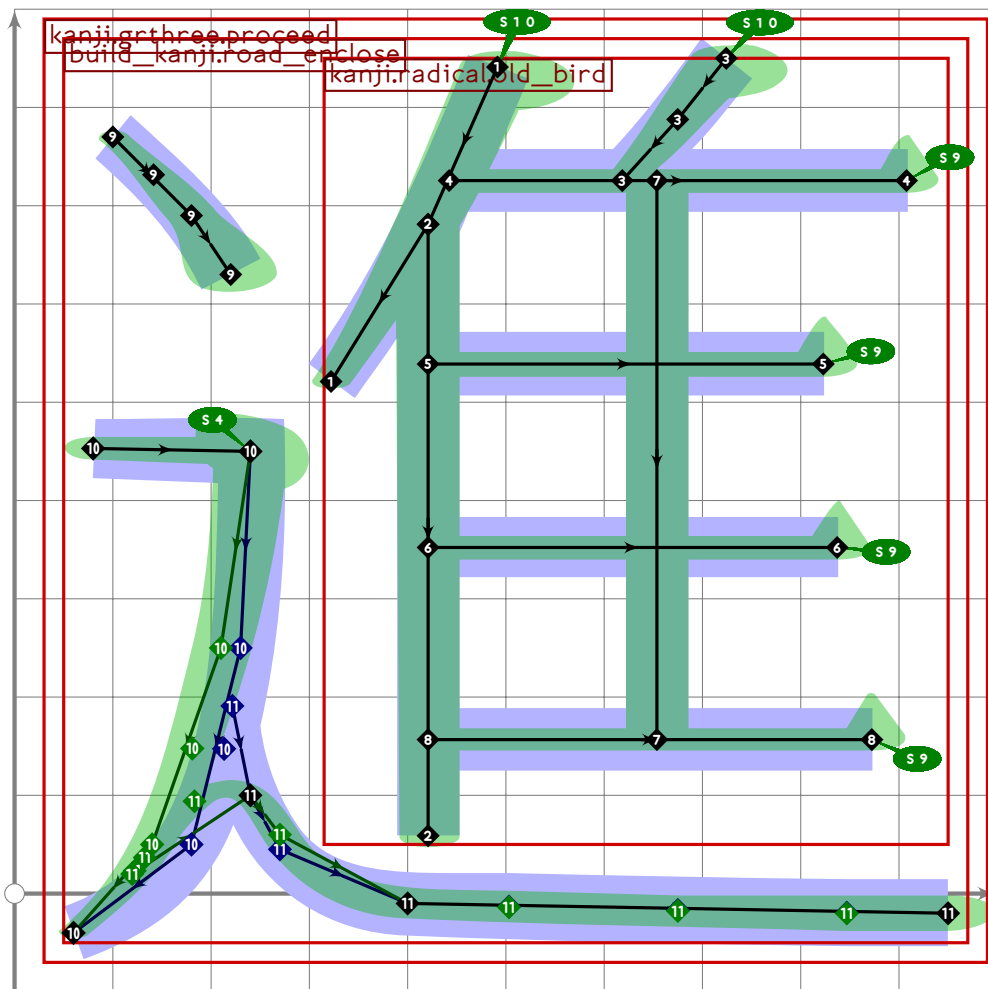
```



```

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

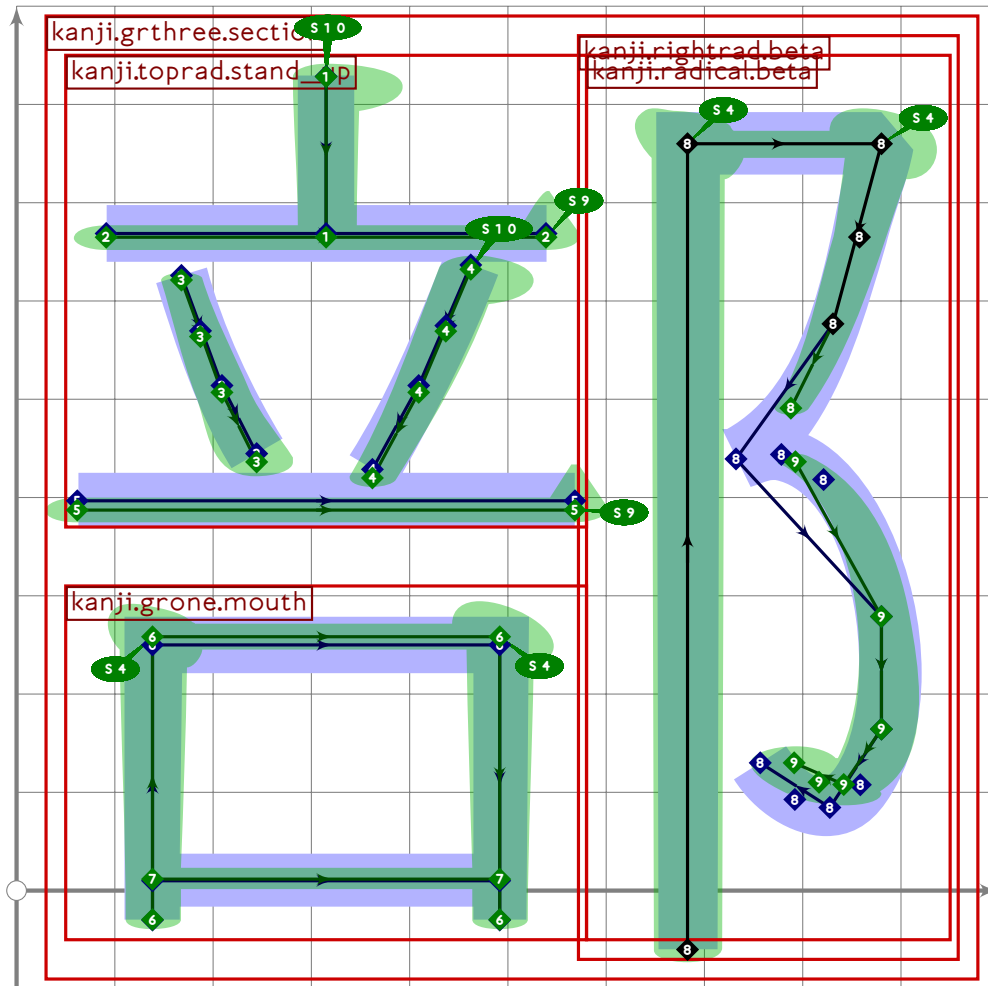
```



```

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

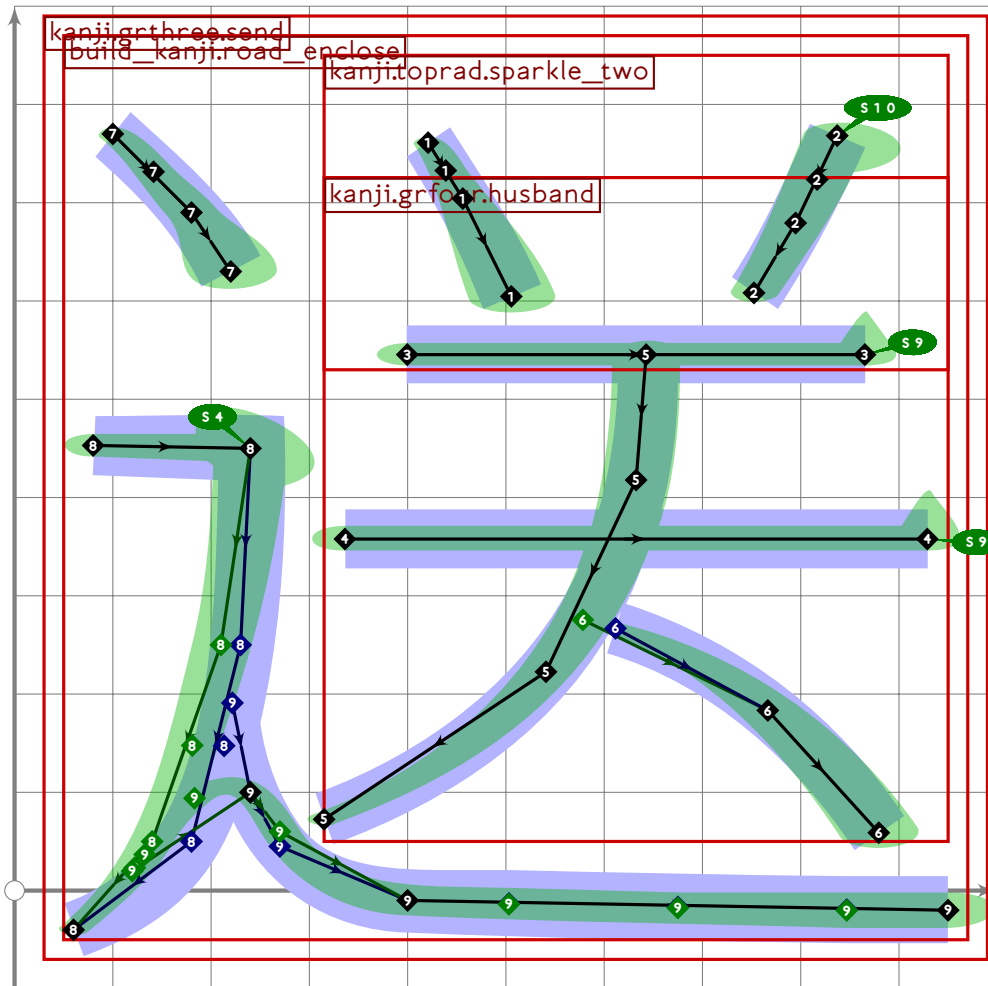
```



```

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

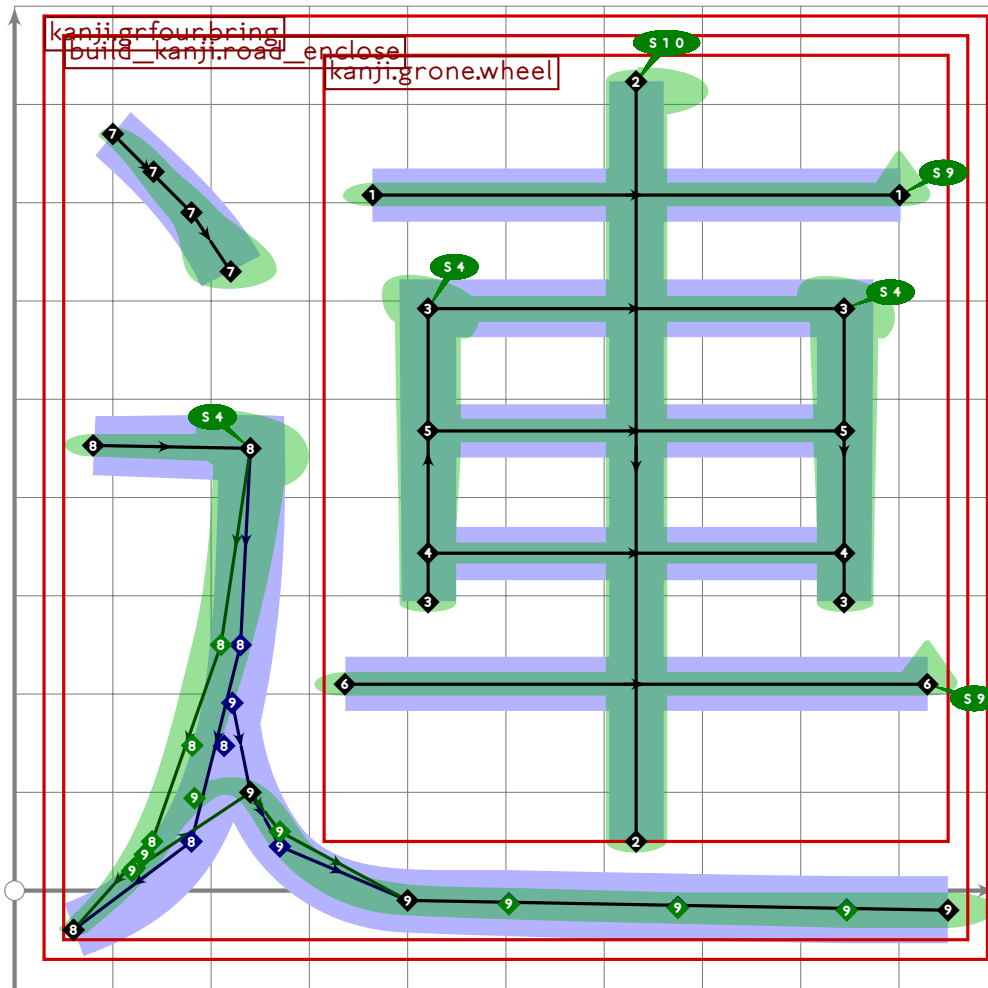
```



```

123
124 vardef kanji.grthree.send =
125   push_pbox_toexpand("kanji.grthree.send");
126   build_kanji.road_enclose(build_kanji.level(
127     build_kanji.tb(600,220)
128     (kanji.toprad.sparkle_two)
129     (kanji.grfour.husband);
130   replace_strokep(-1)(subpath
131     (xpart (oldp intersectiontimes get_strokep(-3)),infinity) of oldp);
132   set_boserif(-1,0,whatever);
133   replace_strokep(0)((point 1.7 of get_strokep(-1))..(690,100)..(850,-40));
134   replace_strokeq(0)((0.9,0.9)-(1.5,1.5)-(1.8,1.8));
135   ));
136   expand_pbox;
137 enddef;
138
139

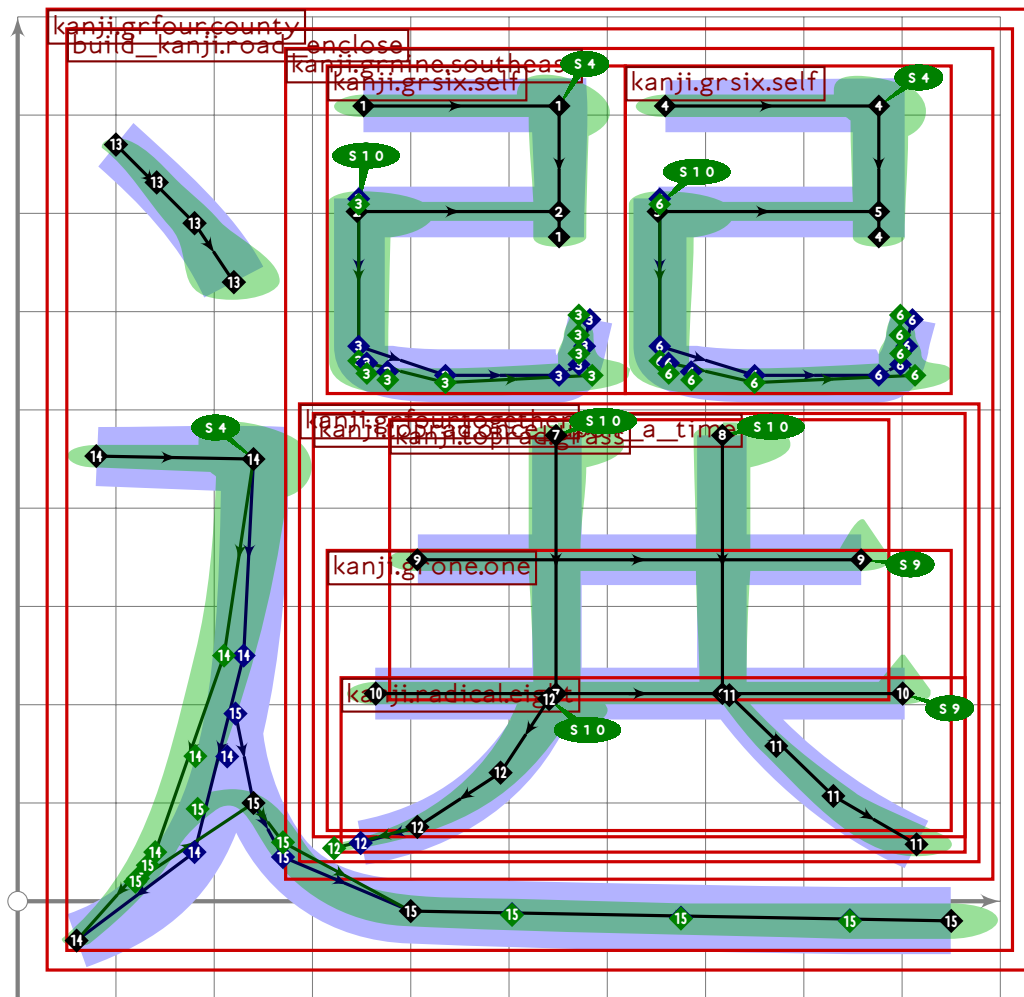
```



```

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

```

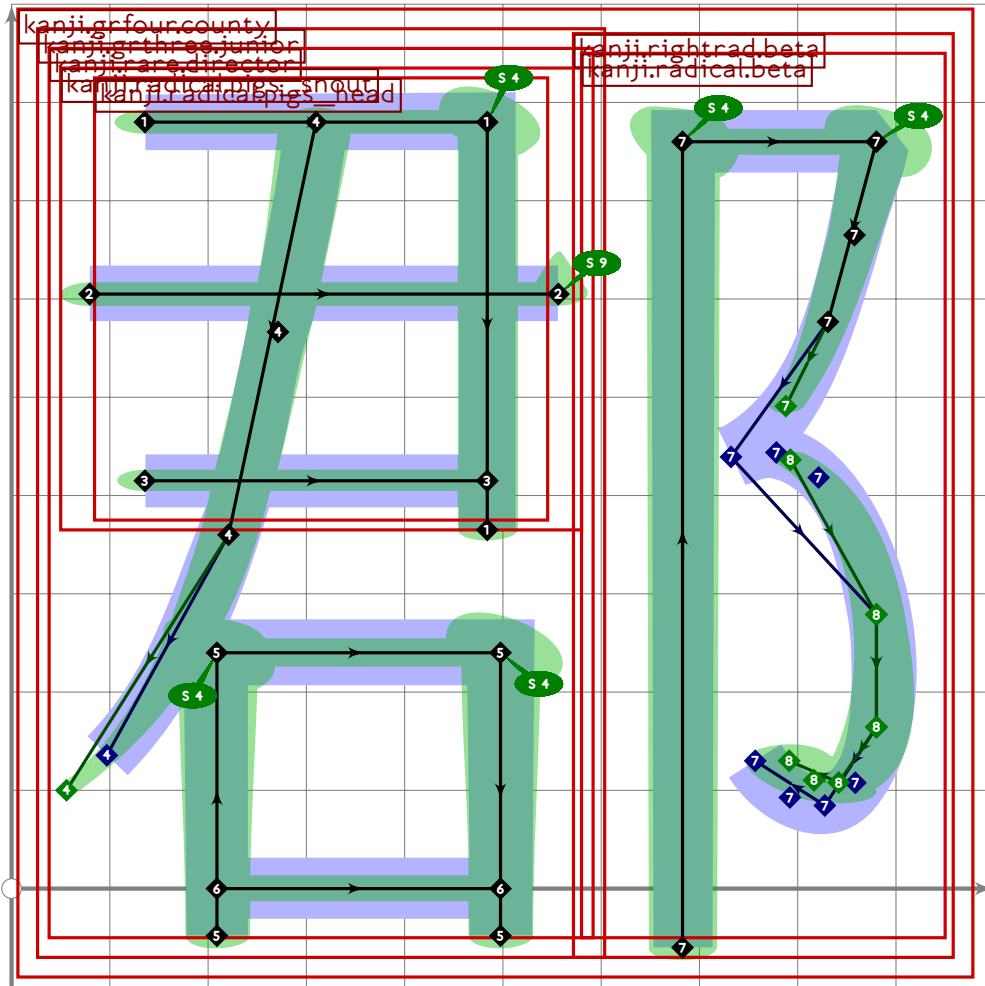


```

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

```

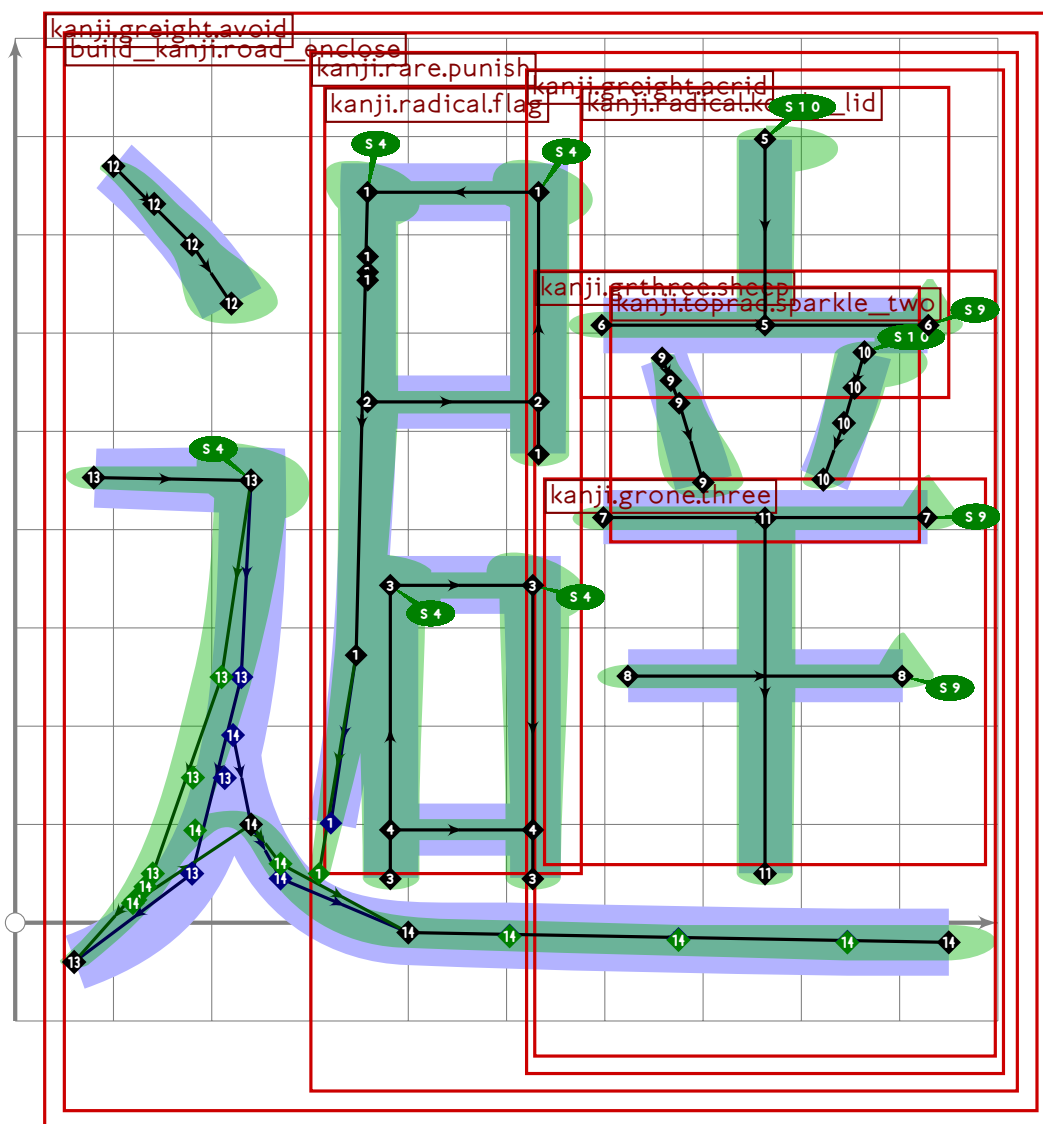




```

152
153 vardef kanji.grfour.county =
154   push_pbox_toexpand("kanji.grfour.county");
155   build_kanji.lr(580,0)
156   (kanji.grthree.junior)
157   (kanji.righthtrad.beta);
158   expand_pbox;
159 enddef;
160
161

```



```

162
163 vardef kanji.greight.avoid =
164   push_pbox_toexpand("kanji.greight.avoid");
165   build_kanji.road_enclose(kanji.rare.punish);
166   expand_pbox;
167 enddef;
168
169
170
171 % tai/shirizo "expel"
172 begintsuglyph("uni9000";0);
173   kanji.grfive.expel;
174   tsu_render;
175 endtsuglyph;
176
177 % sou/oku "send"
178 begintsuglyph("uni9001";1);

```

[see page 638]

[see page 2788]

```

179 kanji.grthree.send;
180 tsu_render;
181 endtsuglyph;
182
183 % tsuu/too "distant"
184 begintsuglyph("uni901A";26);
185 kanji.grtwo.traffic;
186 tsu_render;
187 endtsuglyph;
188
189 % soku/haya "fast"
190 begintsuglyph("uni901F";31);
191 kanji.grthree.fast;
192 tsu_render;
193 endtsuglyph;
194
195 % ren/tsura "bring"
196 begintsuglyph("uni9023";35);
197 kanji.grfour.bring;
198 tsu_render;
199 endtsuglyph;
200
201 % shuu "week"
202 begintsuglyph("uni9031";49);
203 kanji.grtwo.week;
204 tsu_render;
205 endtsuglyph;
206
207 % sin/susu "proceed"
208 begintsuglyph("uni9032";50);
209 kanji.grthree.proceed;
210 tsu_render;
211 endtsuglyph;
212
213 % aso "play"
214 begintsuglyph("uni904A";74);
215 kanji.grthree.play;
216 tsu_render;
217 endtsuglyph;
218
219 % sin/susu "proceed"
220 begintsuglyph("uni904B";75);
221 kanji.grthree.fortune;
222 tsu_render;
223 endtsuglyph;
224
225 % dou/michi "street"
226 begintsuglyph("uni9053";83);

```

[see page 2780]

[see page 2782]

[see page 2789]

[see page 2781]

[see page 2786]

[see page 2785]

[see page 2783]

[see page 2779]

```

227  kanji.grtwo.street;
228  tsu_render;
229  endtsuglyph;
230
231  % en/too "distant"
232  begintsuglyph("uni9060";96); [see page 2778]
233  kanji.grtwo.distant;
234  tsu_render;
235  endtsuglyph;
236
237  % sen/era "choose"
238  begintsuglyph("uni9078";120); [see page 2790]
239  kanji.grfour.choose;
240  tsu_render;
241  endtsuglyph;
242
243  % hi/sa "avoid"
244  begintsuglyph("uni907F";127); [see page 2792]
245  kanji.greight.avoid;
246  tsu_render;
247  endtsuglyph;
248
249  % gen/koori "county"
250  begintsuglyph("uni90E1";225); [see page 2791]
251  kanji.grfour.county;
252  tsu_render;
253  endtsuglyph;
254
255  % bu/be "section"
256  begintsuglyph("uni90E8";232); [see page 2787]
257  kanji.grthree.section;
258  tsu_render;
259  endtsuglyph;
260
261  % to/miyako "metropolis"
262  begintsuglyph("uni90FD";253); [see page 2784]
263  kanji.grthree.metropolis;
264  tsu_render;
265  endtsuglyph;
266
267  _____
268
269  endfont;
270
271  _____

```

# tsuku-91.mp

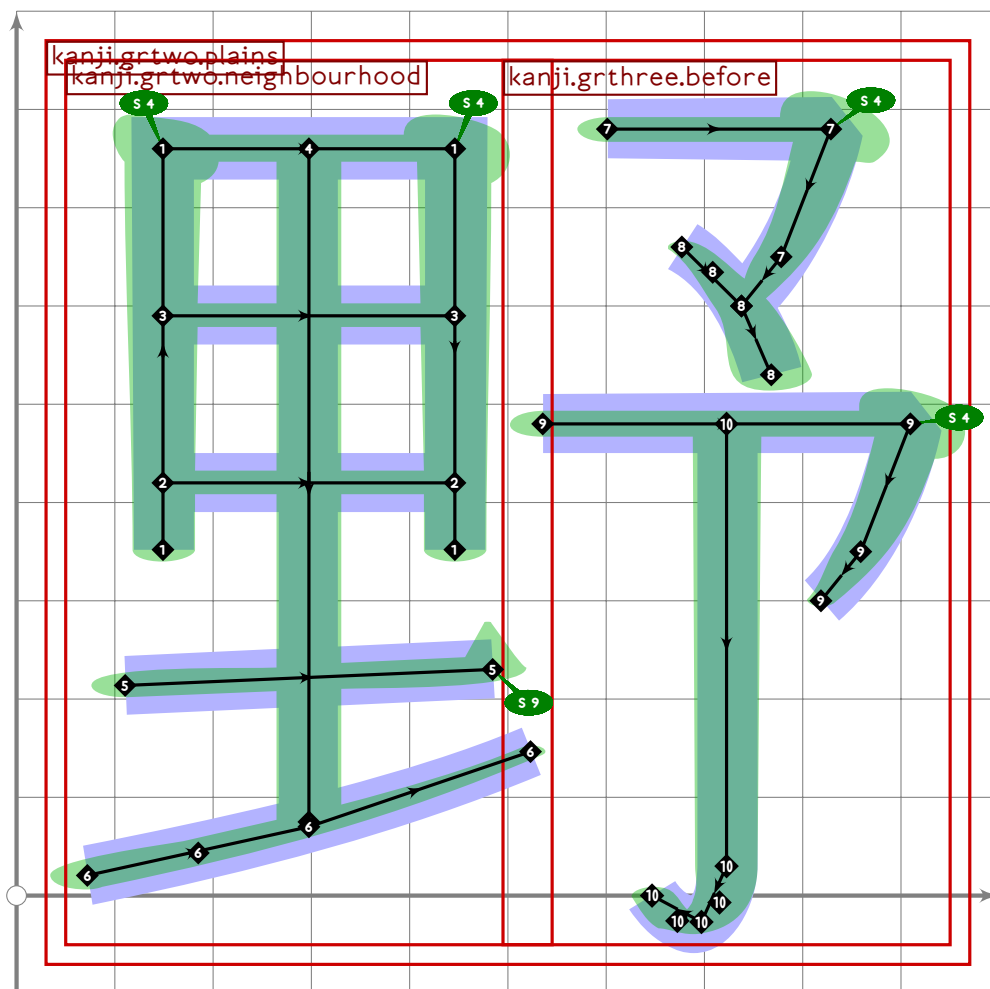
```
1 %
2 % Unicode page 91 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

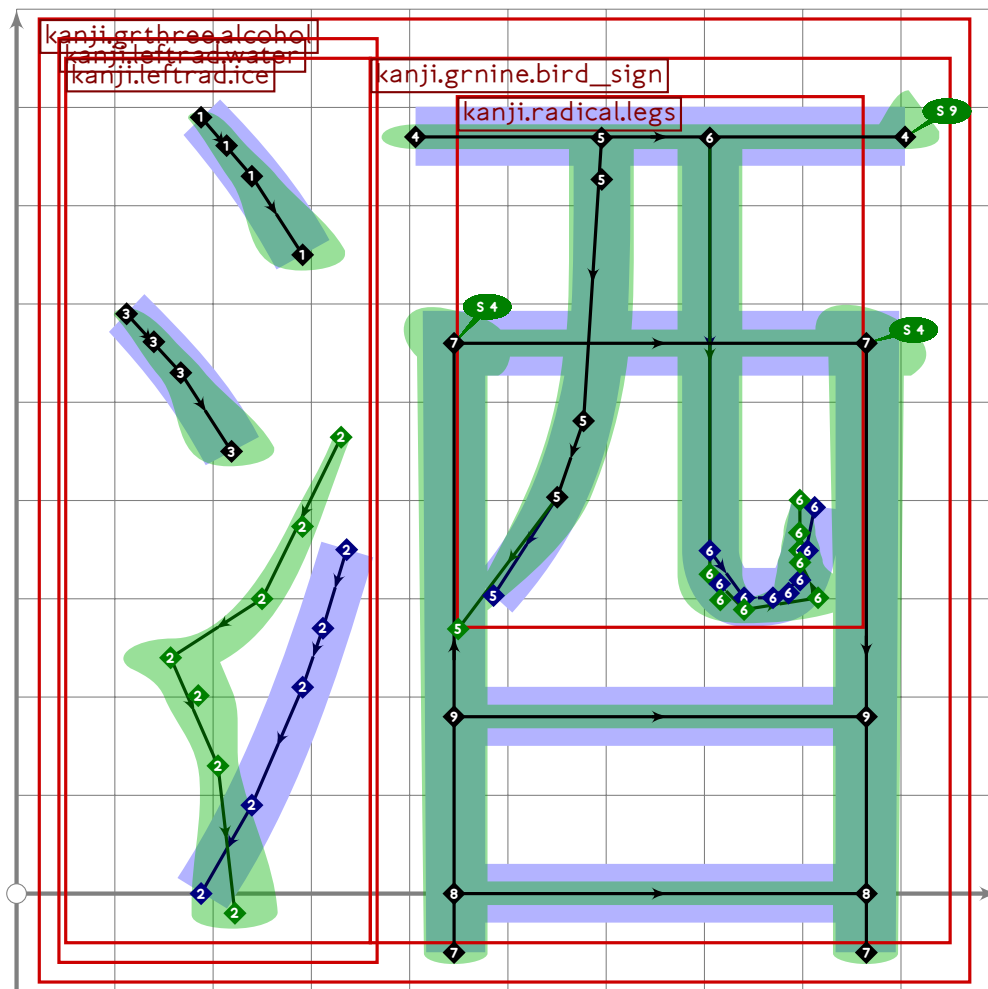

```



```

50
51 vardef kanji.grtwo.plains =
52   push_pbox_toexpand("kanji.grtwo.plains");
53   build_kanji.level(build_kanji.lr(520,50)
54     (build_kanji.lift_skirt(250,150)(kanji.grtwo.neighbourhood))
55     (kanji.grthree.before));
56   expand_pbox;
57 enddef;
58
59

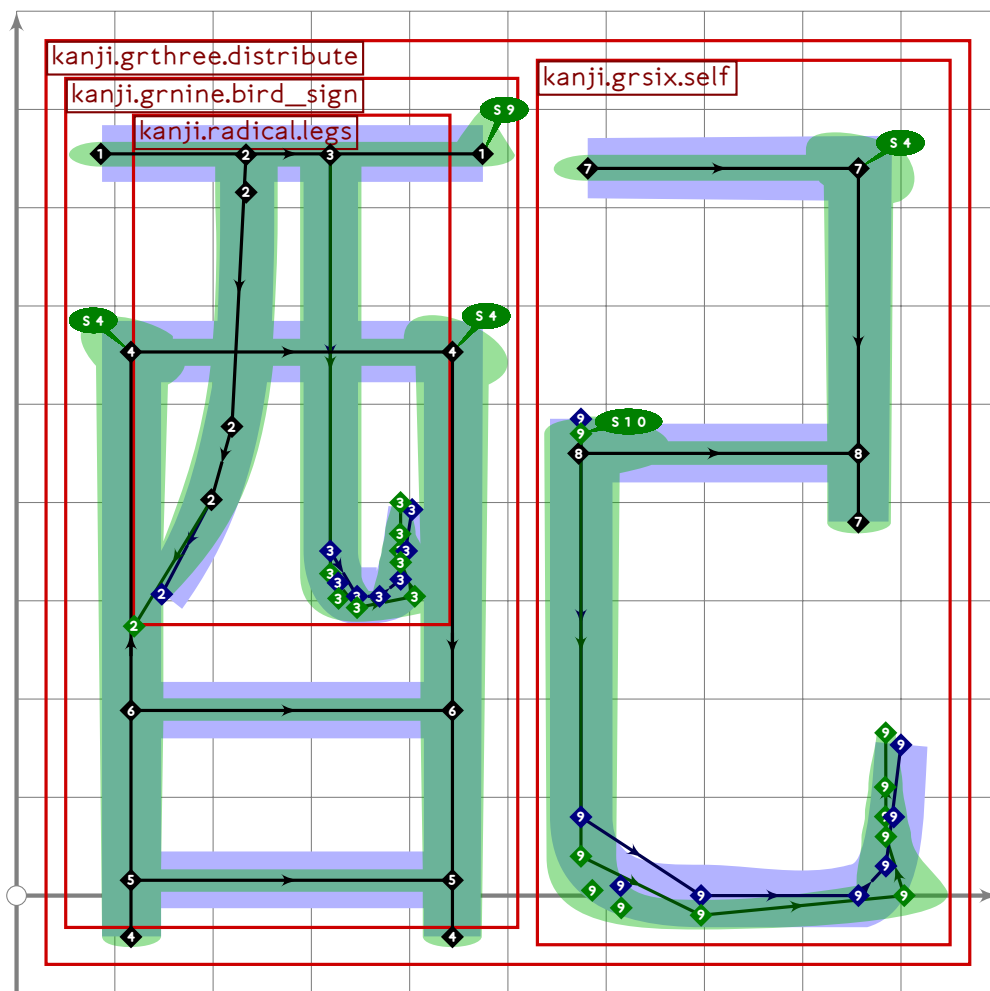
```



```

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

```

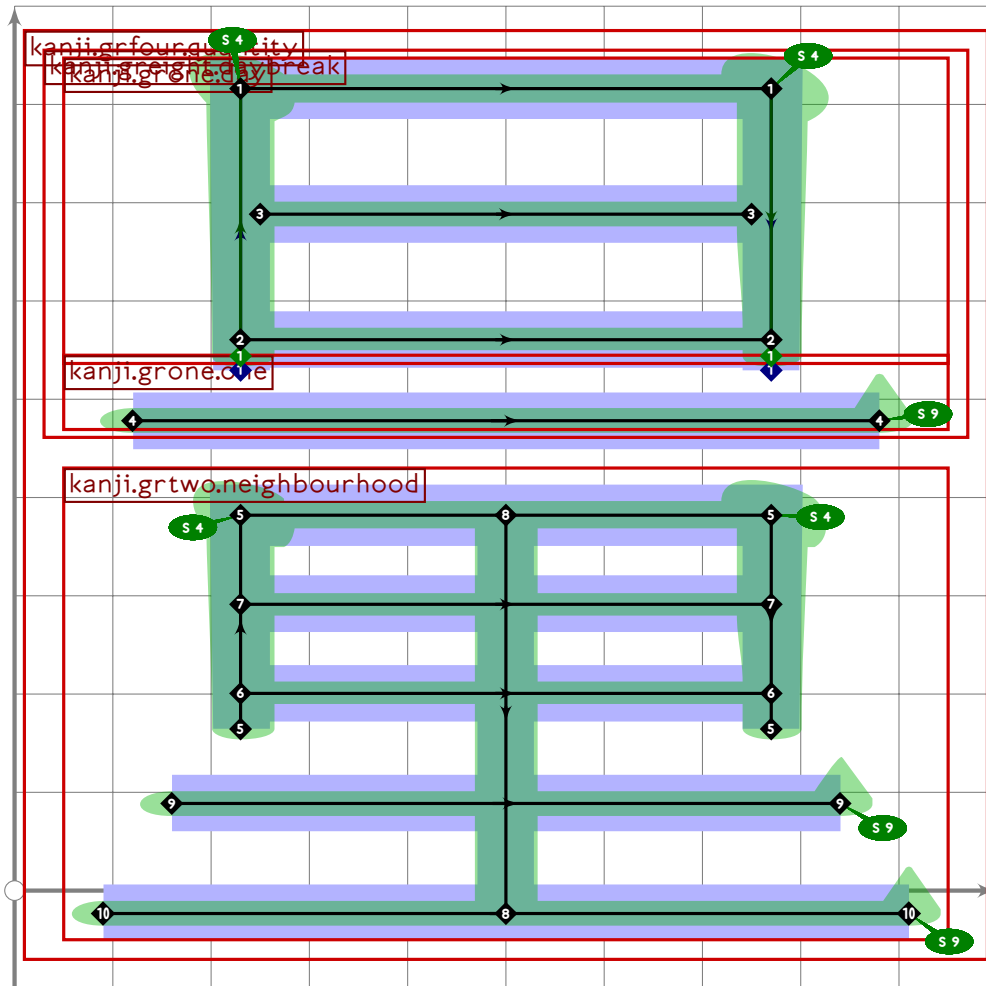


```

68
69 vardef kanji.grthree.distribute =
70   push_pbox_toexpand("kanji.grthree.distribute");
71   build_kanji.lr(520;-20)
72     (build_kanji.sscale(yscaled 0.96)(kanji.grnine.bird_sign))
73     (kanji.grsix.self);
74   expand_pbox;
75 enddef;
76
77

```

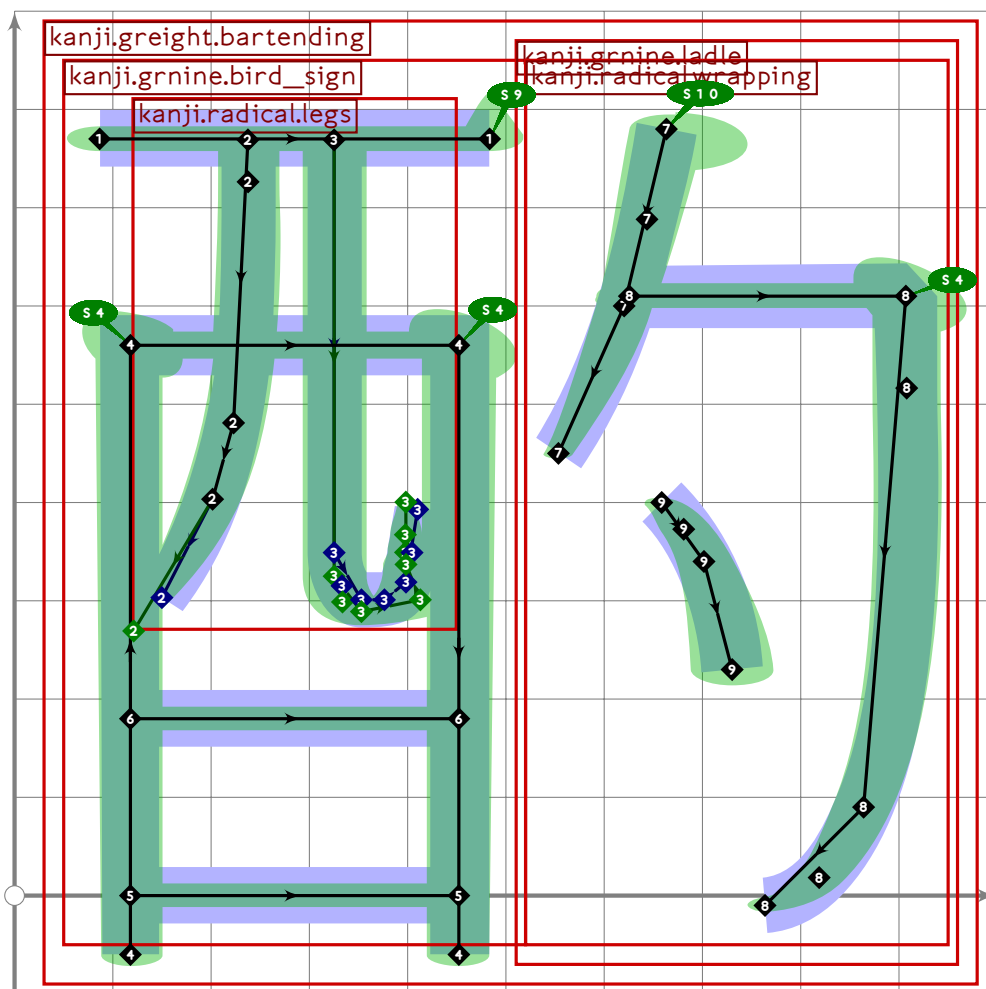




```

78
79 vardef kanji.grfour.quantity =
80   push_pbox_toexpand("kanji.grfour.quantity");
81   build_kanji.level(build_kanji.tb(460,-60)
82     (kanji.greight.daybreak;
83       replace_strokep(0)(oldp shifted (0,-70)))
84     (kanji.grtwo.neighbourhood));
85   expand_pbox;
86 enddef;
87
88

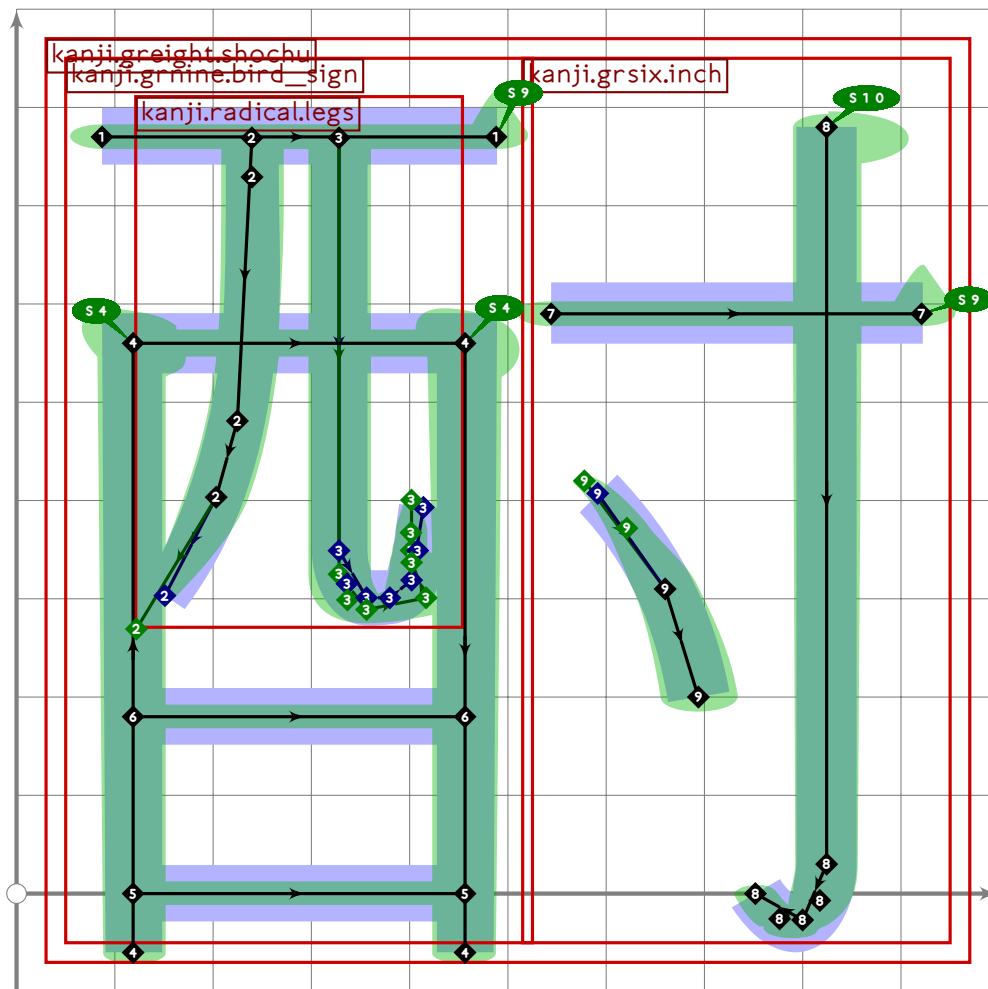
```



```

89
90 vardef kanji.greight.bartending =
91   push_pbox_toexpand("kanji.greight.bartending");
92   build_kanji.lr(520,0)
93     (kanji.grnine.bird_sign)
94     (kanji.grnine.ladle);
95   expand_pbox;
96 enddef;

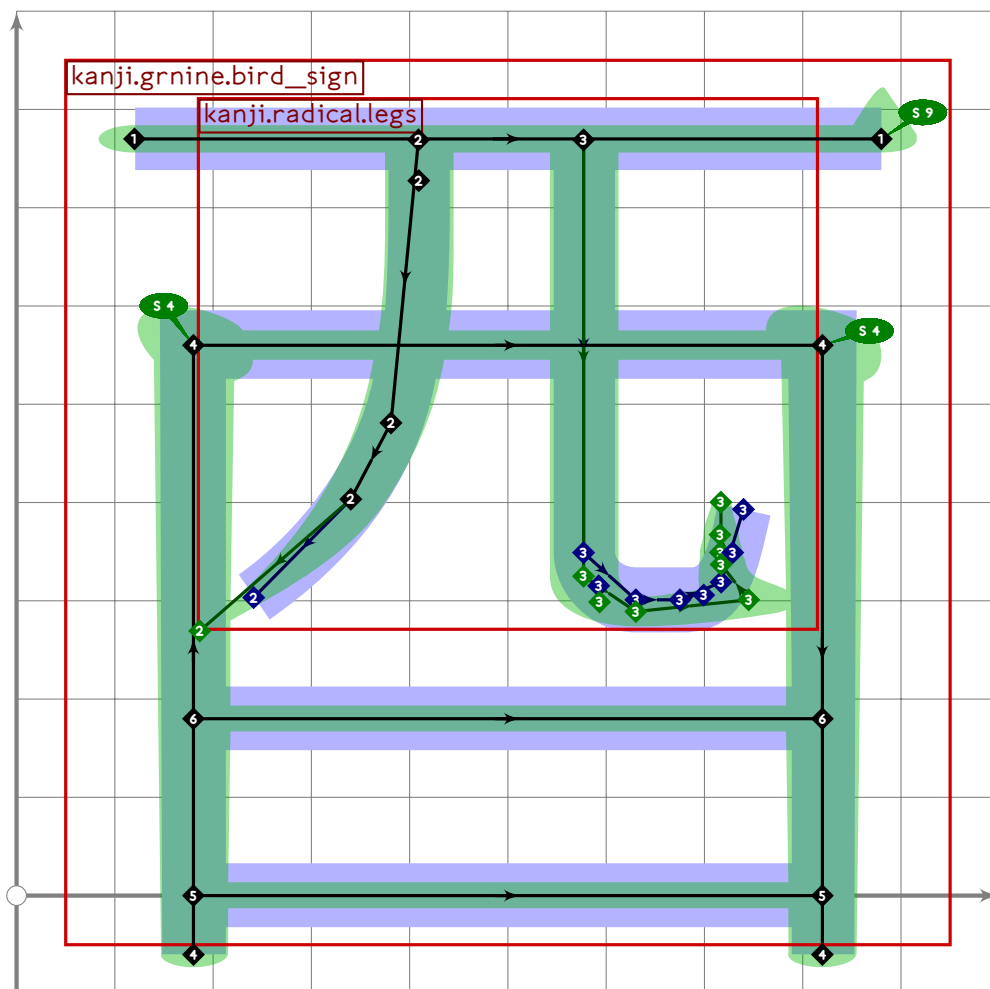
```



```

97
98 vardef kanji.greight.shochu =
99   push_pbox_toexpand("kanji.greight.shochu");
100   build_kanji.lr(520,10)
101     (kanji.grnine.bird_sign)
102     (kanji.grsix.inch);
103   expand_pbox;
104 enddef;
105
106

```



```

107
108 vardef kanji.grnine.bird_sign =
109   push_pbox_toexpand("kanji.grnine.bird_sign");
110   build_kanji.thickness(0.93)(
111     push_stroke((120,770)–(880,770),(1.6,1.6)–(1.6,1.6));
112     set_boserif(0,19);
113     build_kanji.sscale(xyscaled (0.7,0.6) shifted (0,145))
114     (kanji.radical.legs);
115     build_kanji.box((180,560),(820,0));
116     push_stroke((180,180)–(820,180),(1.5,1.5)–(1.5,1.5));
117   expand_pbox;
118 enddef;
119

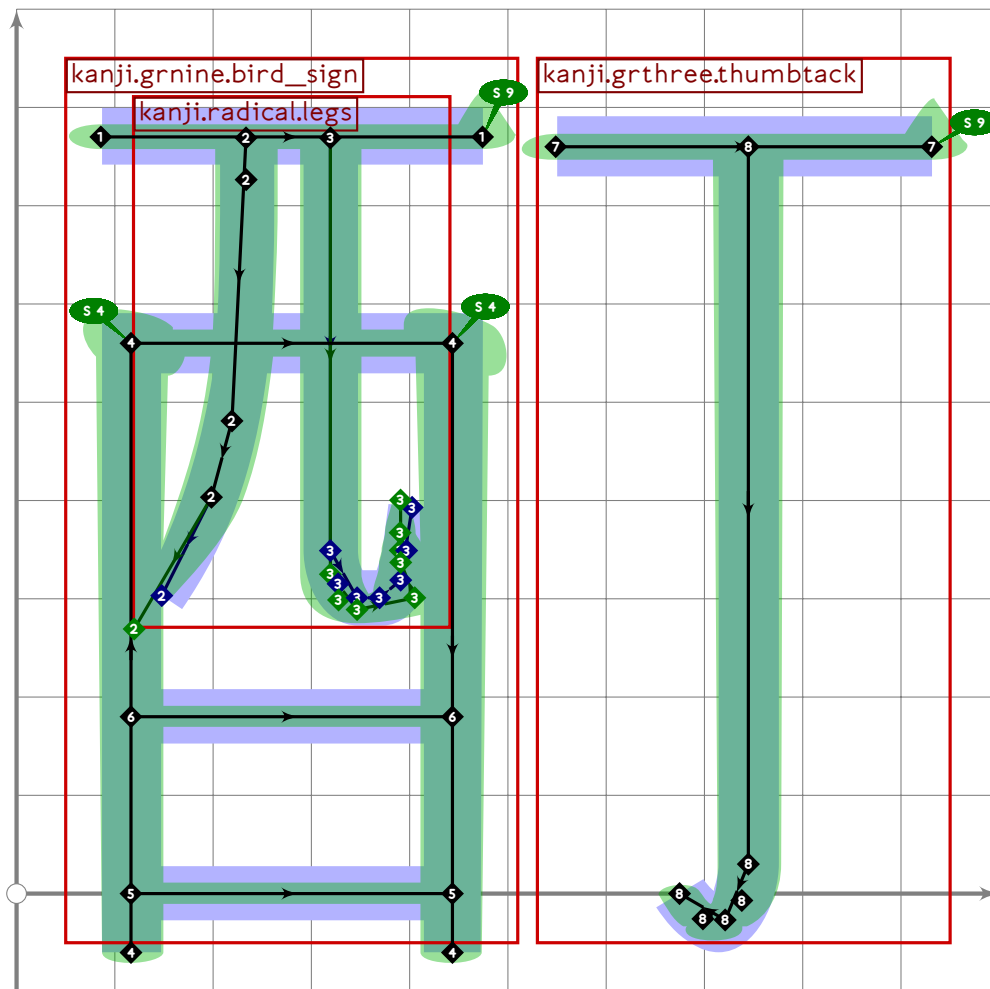
```

```

120
121
122 % yuu/tori "sign of the bird" (or "sake radical")
123 begintsuglyph("uni9149";73);
124   kanji.grnine.bird_sign;
125   tsu_render;
126 endtsuglyph;
127

```

[see page 2802]



```

128 % extra "intoxication"
129 begintsuglyph("uni914A";74);
130   build_kanji.lr(520;20)
131     (kanji.grnine.bird_sign)
132     (kanji.grthree.thumbtack);
133   tsu_render;
134 endtsuglyph;

```

```

135
136 % shaku/ku "bartending"
137 begintsuglyph("uni914C";76);
138   kanji.greight.bartending;
139   tsu_render;
140 endtsuglyph;

```

[see page 2800]

```

141
142 % hai/kuba "distribute"
143 begintsuglyph("uni914D";77);
144   kanji.grthree.distribute;
145   tsu_render;
146 endtsuglyph;

```

[see page 2798]

```

147
148 % chu/kamo "shochu" (chuu as in chuu-hai)

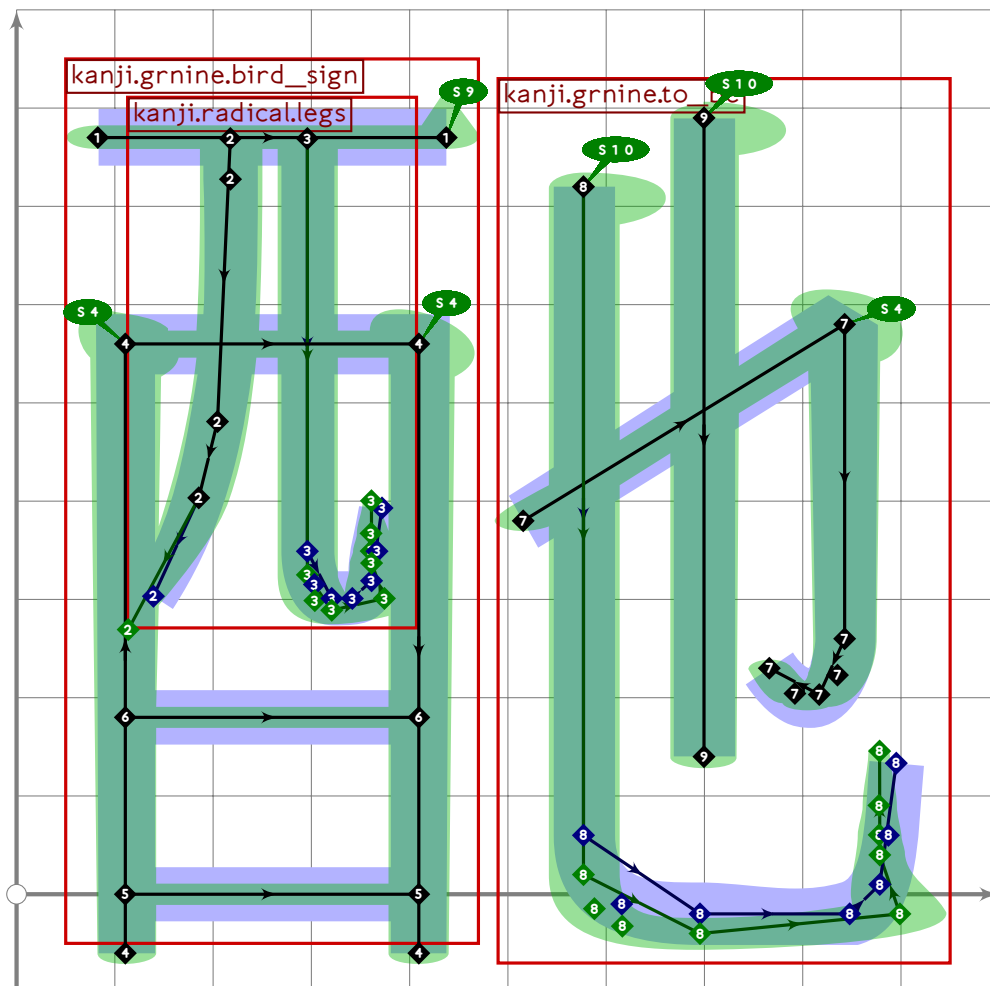
```

U+914F  
tsuku.uni914F

```
149 begintsuglyph("uni914E";78);
150   kanji.greight.shochu;
151   tsu_render;
152 endsuglyph;
153
```

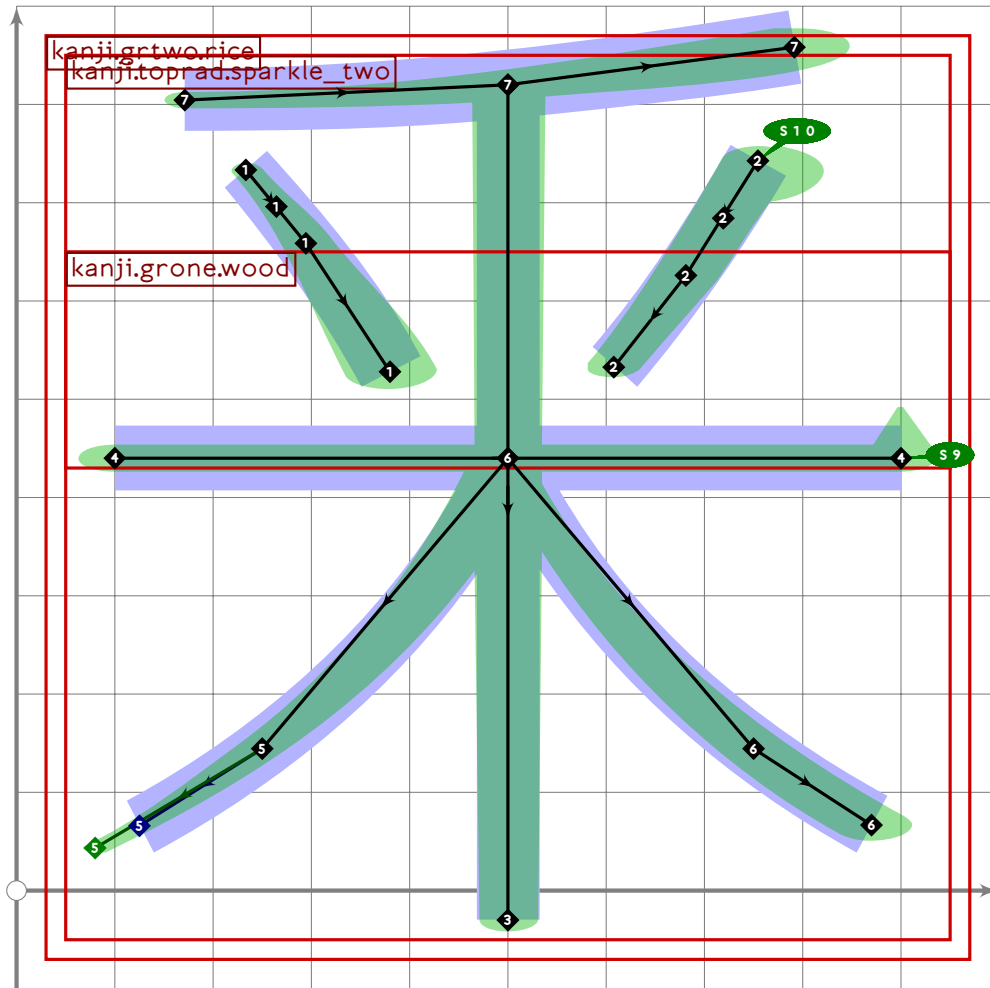
[see page 2801]

91



```
154 % extra
155 begintsuglyph("uni914F";79);
156   build_kanji.lr(480;-20)
157     (kanji.grnine.bird_sign)
158     (tsu_xform(identity shifted (0;-20))(kanji.grnine.to_be));
159   tsu_render;
160 endsuglyph;
161
162 % shu/sake "alcoholic drink"
163 begintsuglyph("uni9152";82);
164   kanji.grthree.alcohol;
165   tsu_render;
166 endsuglyph;
167
```

[see page 2797]



168 % han/irodori "separate" or "divide" but mostly "topped rice radical"

169 begintsuglyph("uni91C6";198);

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

171 tsu\_render;

172 endtsuglyph;

173

174 % sai/to "die" (macro name is plural for disambiguation)

175 begintsuglyph("uni91C7";199);

[see page 733]

176 kanji.greight.dice;

177 tsu\_render;

178 endtsuglyph;

179

180 % ri/sato, multiple meanings including 3.929km and "neighbourhood"

181 begintsuglyph("uni91CC";204);

[see page 528]

182 kanji.grtwo.neighbourhood;

183 tsu\_render;

184 endtsuglyph;

185

186 % shuu/e "heap big"

187 begintsuglyph("uni91CD";205);

[see page 575]

188 kanji.grthree.heap\_big;

```
189  tsu_render;
190 endtsuglyph;
191
192 % ya/no "field"
193 begintsuglyph("uni91CE";206); [see page 2796]
194  kanji.grtwo.plains;
195  tsu_render;
196 endtsuglyph;
197
198 % ryou/haka "quantity"
199 begintsuglyph("uni91CF";207); [see page 2799]
200  kanji.grfour.quantity;
201  tsu_render;
202 endtsuglyph;
203
204 % kane/kin "gold"
205 begintsuglyph("uni91D1";209); [see page 437]
206  kanji.grone.gold;
207  tsu_render;
208 endtsuglyph;
209
210 _____
211
212 endfont;
213
214 _____
```



# tsuku-92.mp

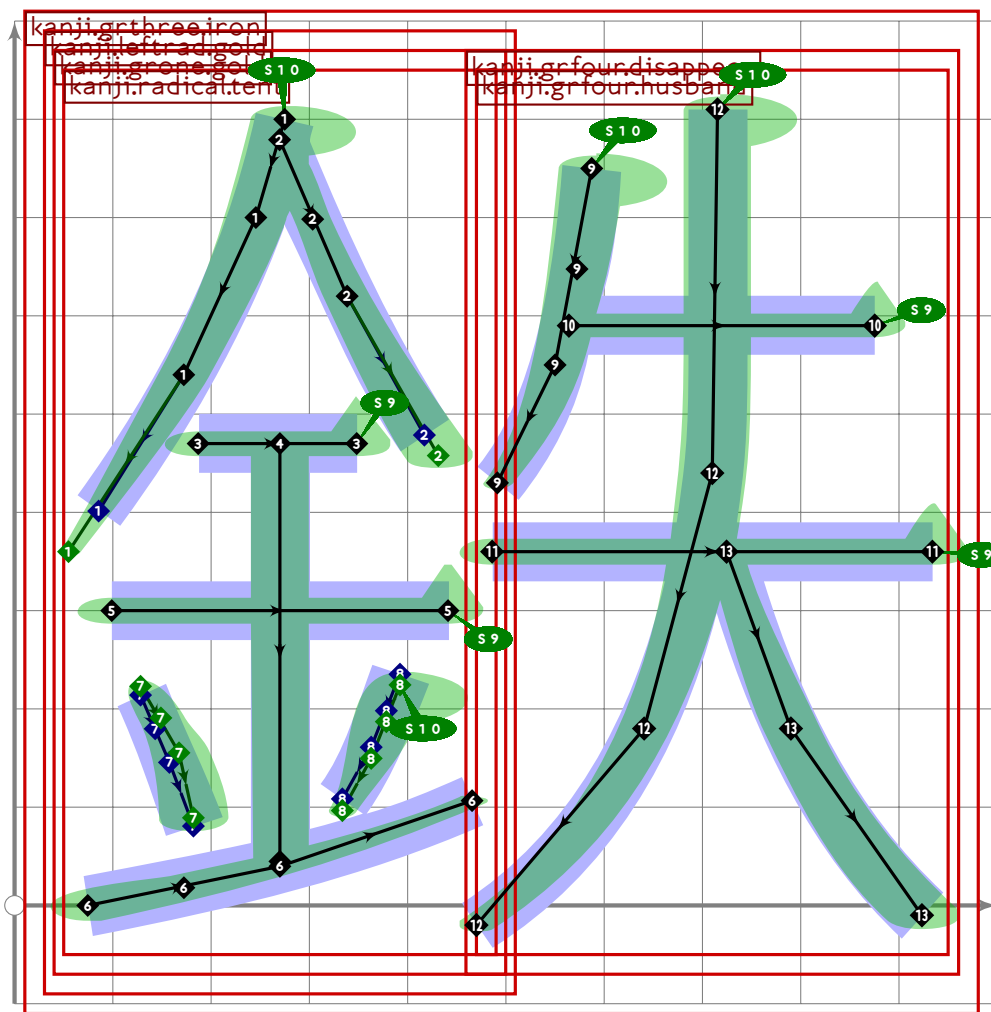
```
1 %
2 % Unicode page 92 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

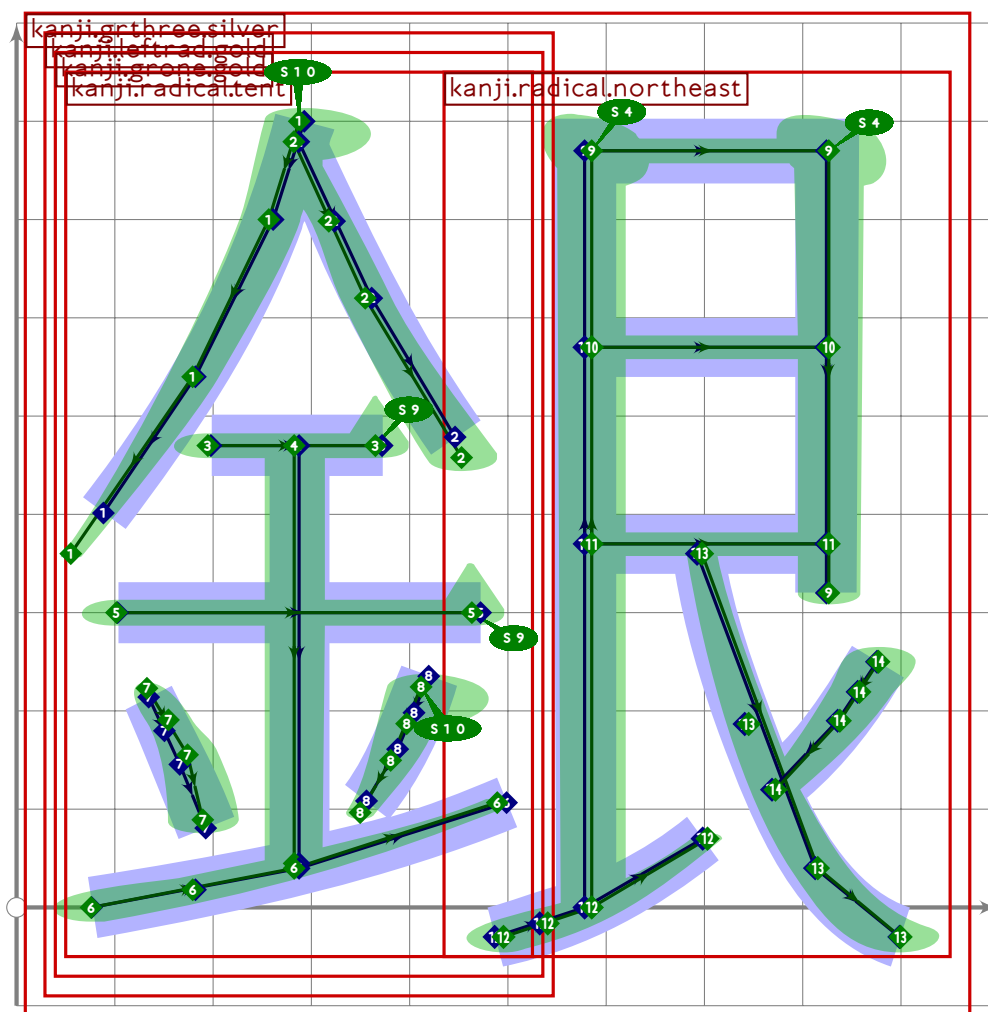

```



```

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;

```

[see page 2808]

69

```

70 % gin/shirogane "silver"
71 begintsuglyph("uni9280";128);
72   kanji.grthree.silver;
73   tsu_render;

```

[see page 2809]

74 endtsuglyph;

75

76

---

77

78 endfont;

79

80

---

# tsuku-93.mp

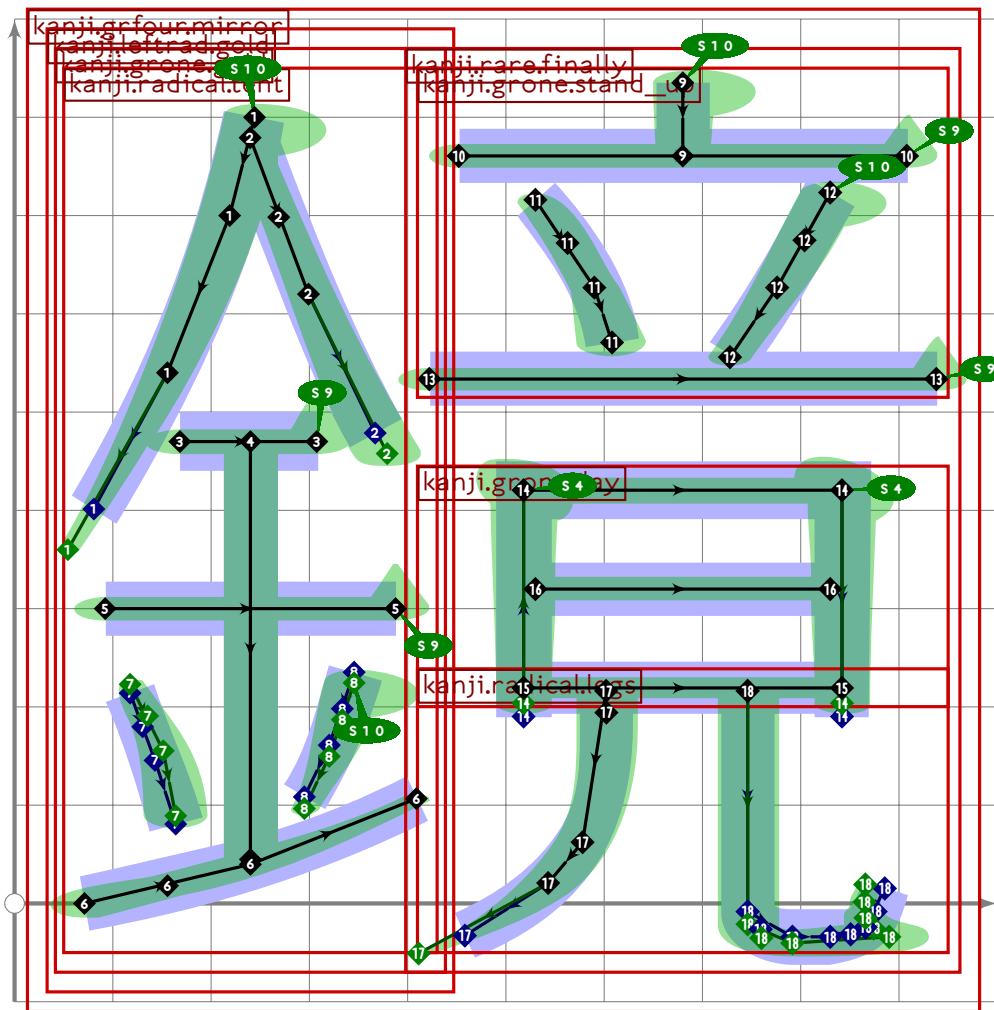
```
1 %
2 % Unicode page 93 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

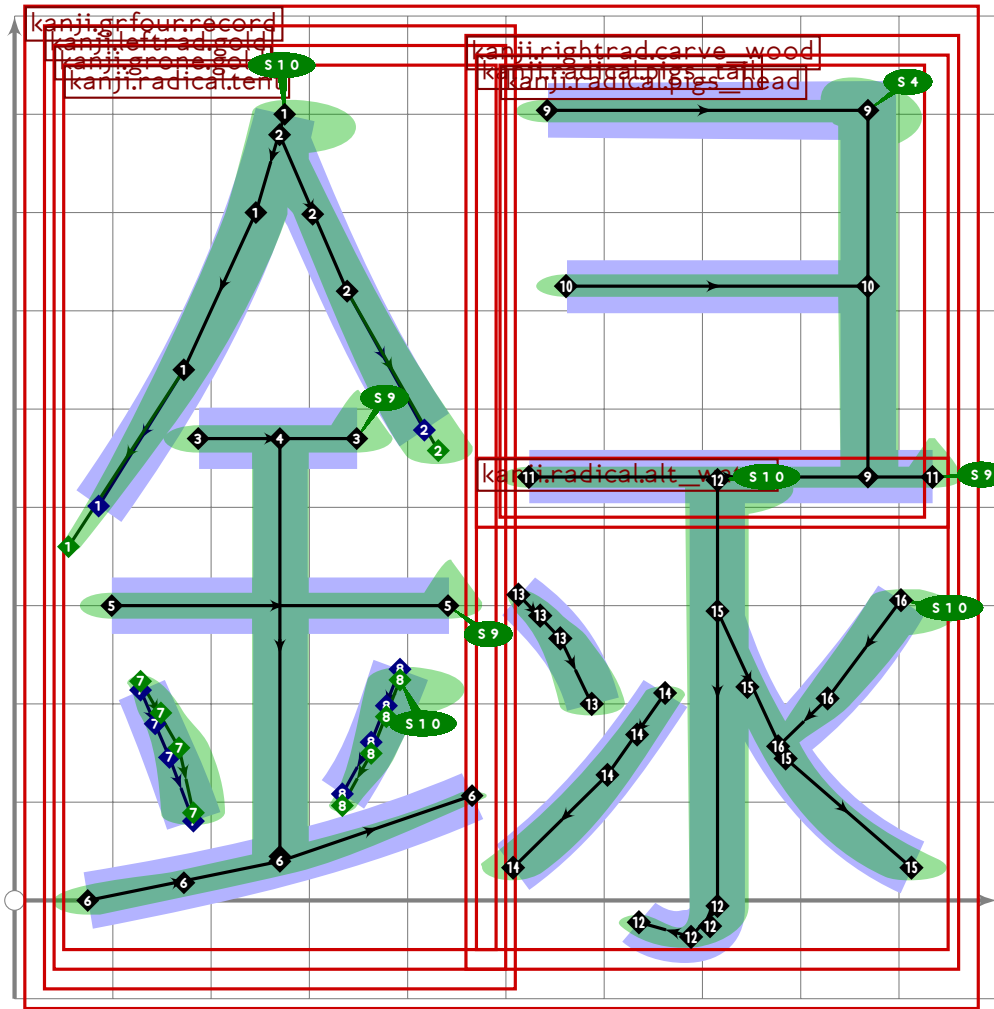

```



```

46
47 vardef kanji.grfour.mirror =
48   push_pbox_toexpand("kanji.grfour.mirror");
49   build_kanji.lr(420,20)
50     (kanji.leftrad.gold)
51     (kanji.rare.finally);
52   expand_pbox;
53 enddef;

```



```

54
55 vardef kanji.grfour.record =
56   push_pbox_toexpand("kanji.grfour.record");
57   build_kanji,lr(480,20)
58     (kanji.leftrad.gold)
59     (kanji.rightrad.carve_wood);
60   expand_pbox;
61 enddef;
62
63
64
65 % roku/shiru "record"
66 begintsuglyph("uni9332";50);
67   kanji.grfour.record;
68   tsu_render;
69 endtsuglyph;
70
71 % kyou/kagami "mirror"
72 begintsuglyph("uni93E1";225);
73   kanji.grfour.mirror;
74   tsu_render;

```

[see page 2813]

[see page 2812]

75 endtsuglyph;

76

77 

---

78

79 endfont;

80

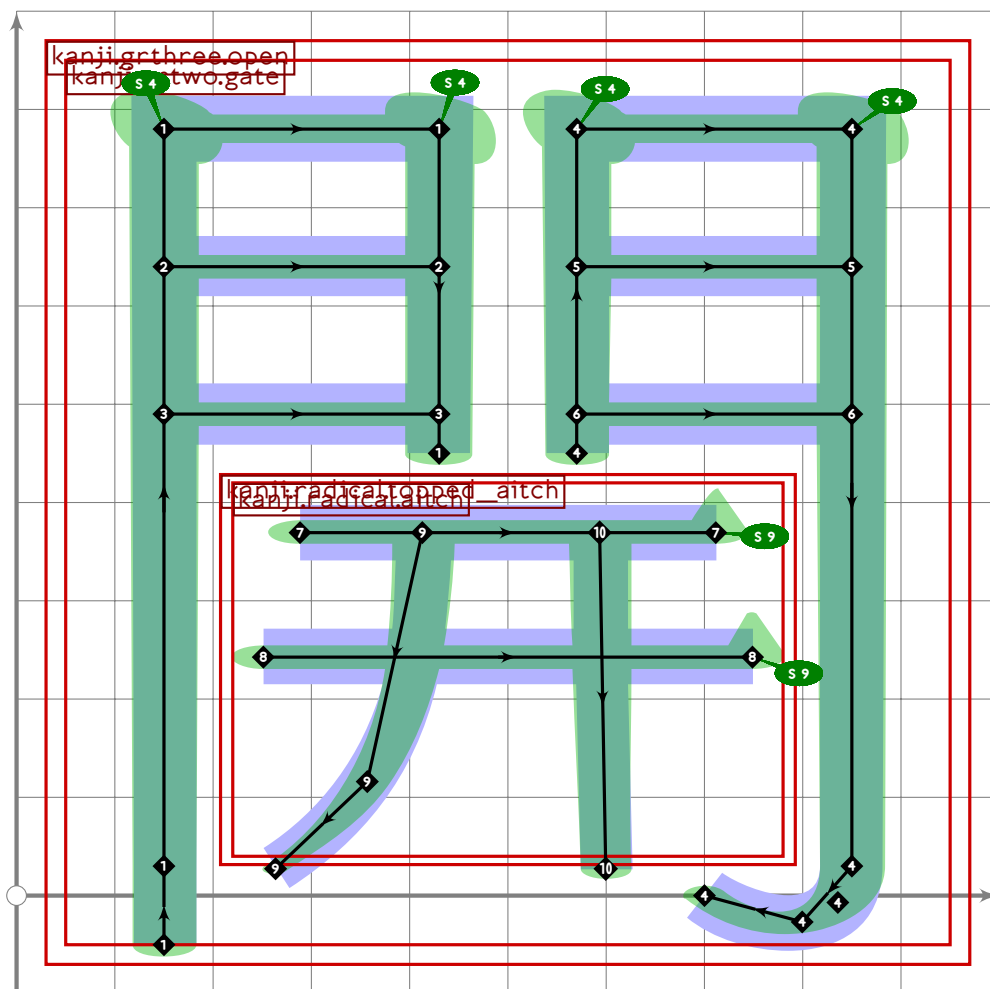
81 

---



# tsuku-95.mp

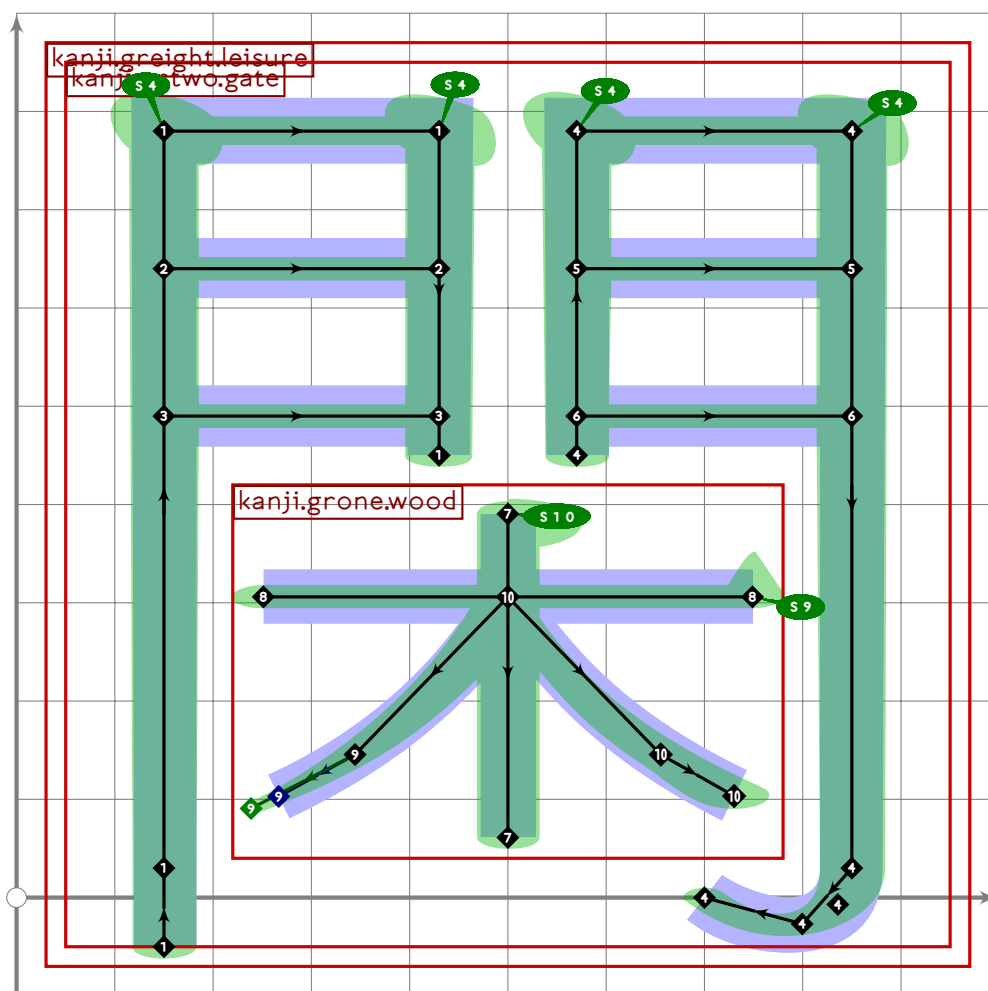
```
1 %
2 % Unicode page 95 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradenine.mp;
38 input gradeone.mp;
39 input gradesix.mp;
40 input gradethree.mp;
41 input gradetwo.mp;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

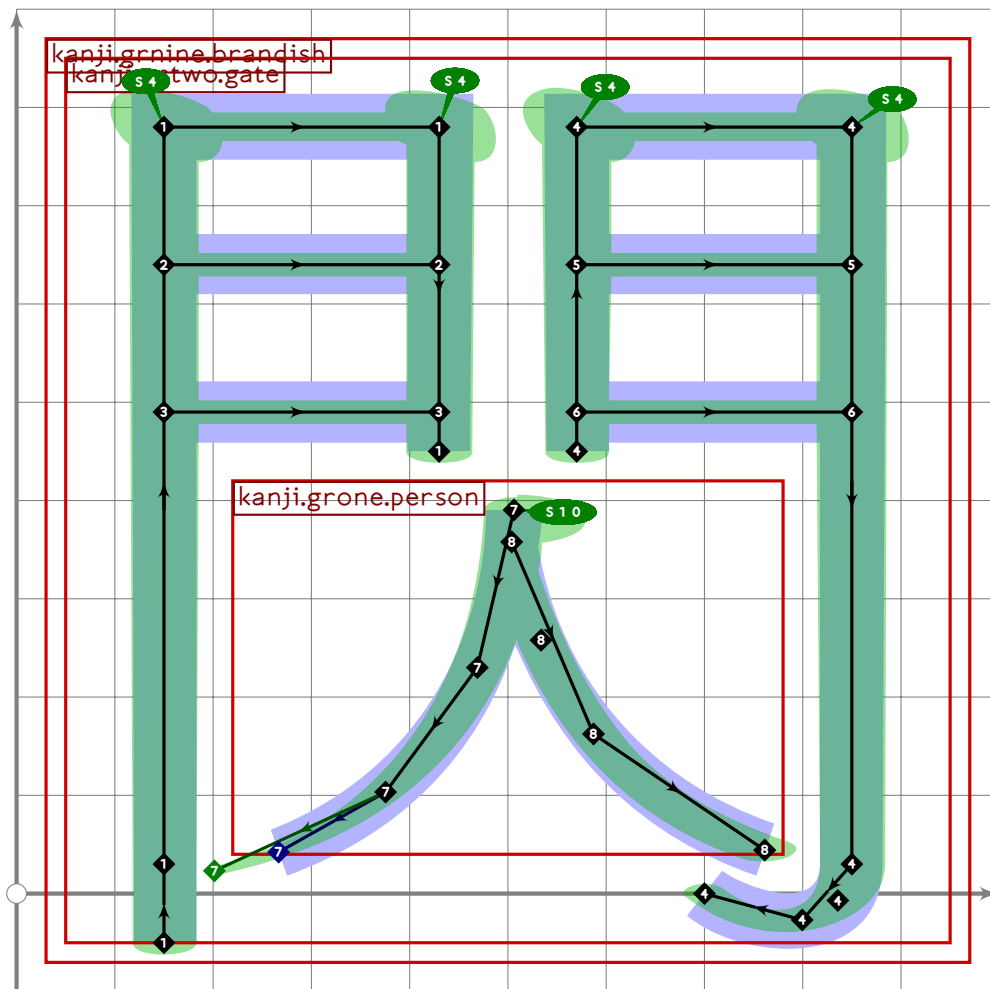
```



```

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

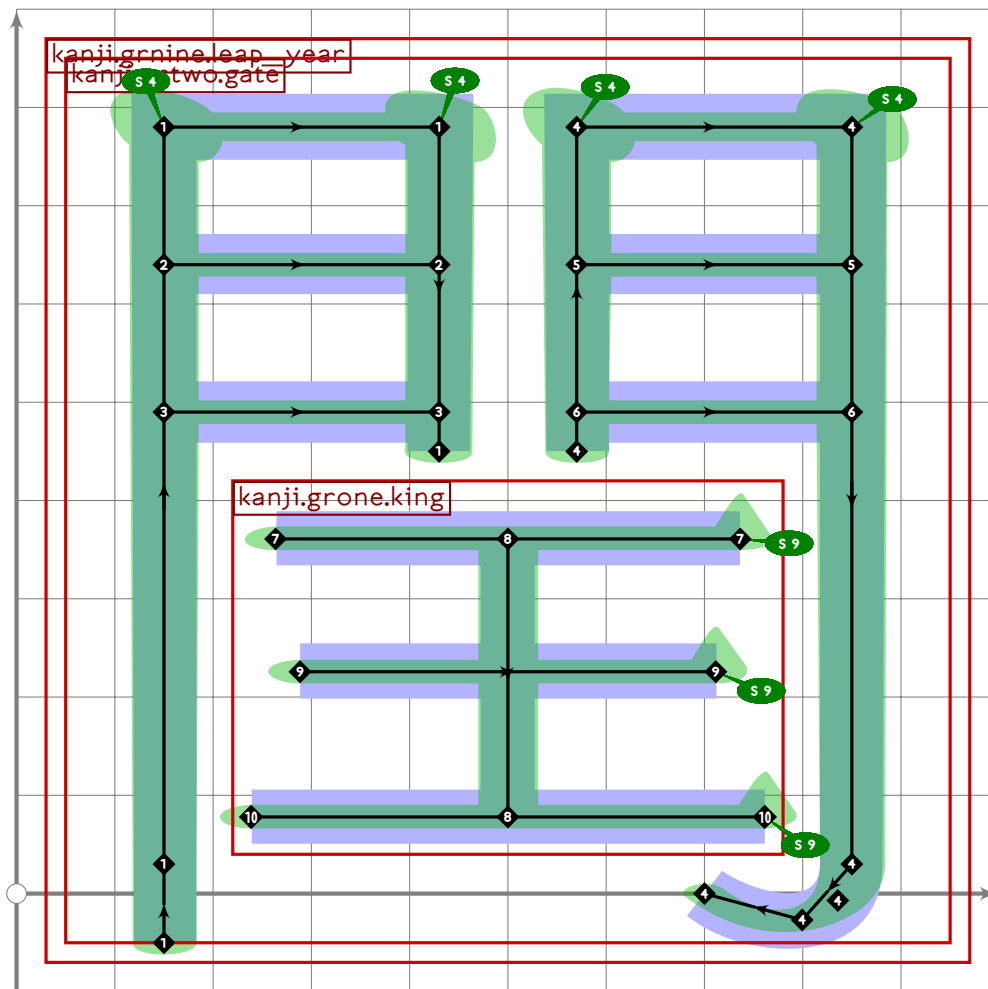
```



```

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;

```



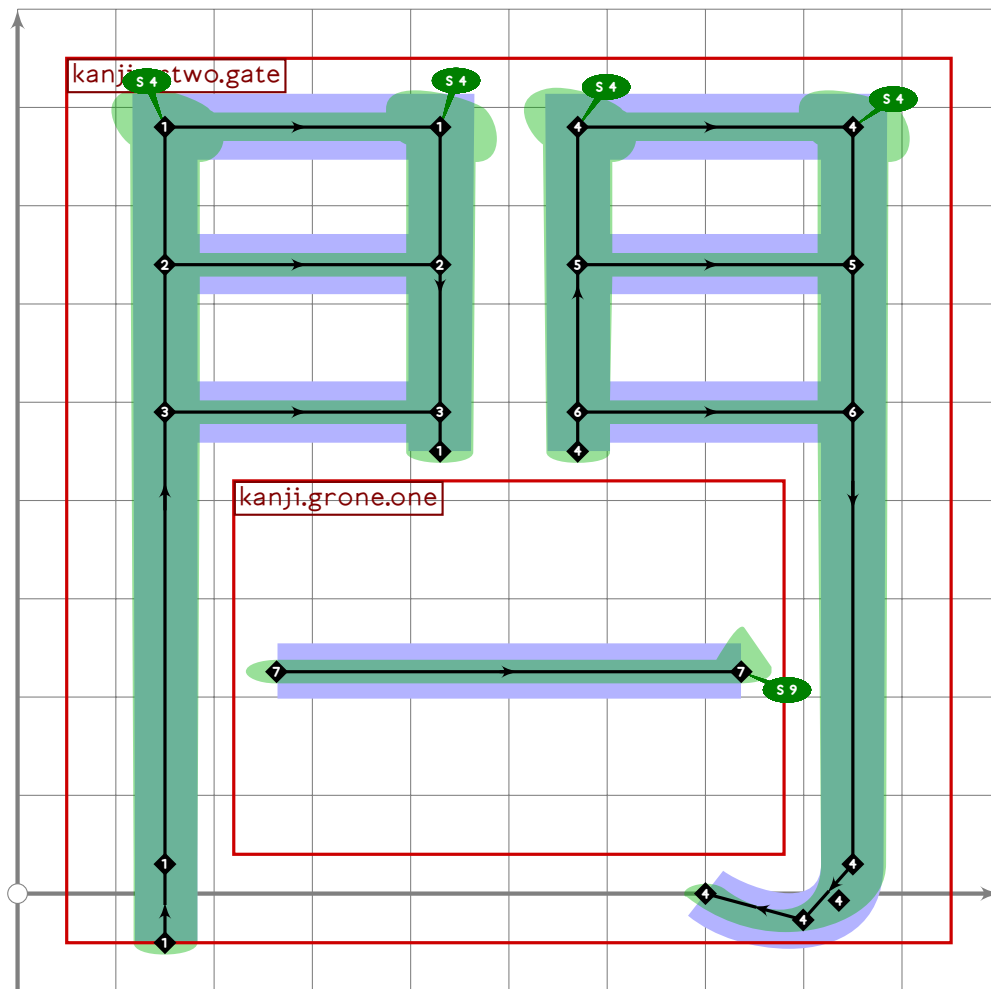
```

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 517]

[see page 505]

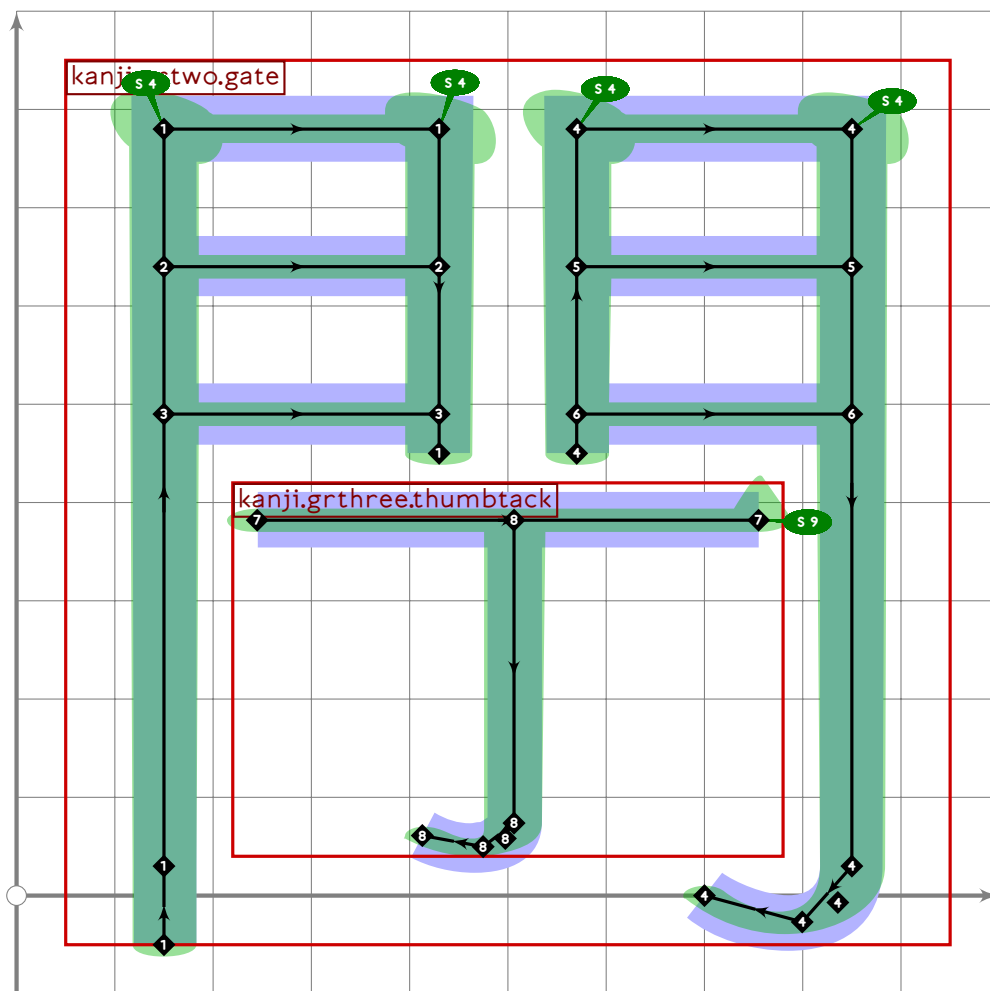


```

90 % extra
91 begintsuglyph("uni9582",130);
92   build_kanji.gate_enclose(kanji.gro.ne.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 2818]

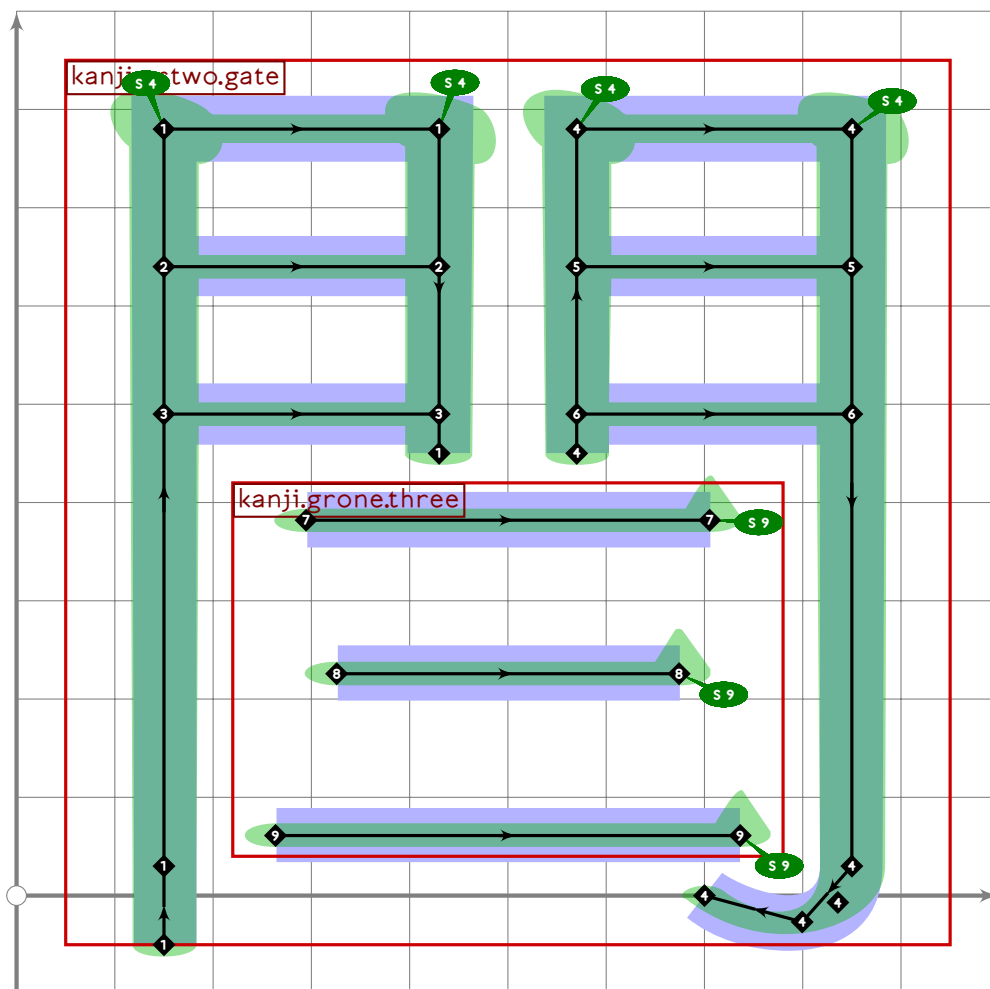


```

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

```

U+9586  
tsuku.uni9586



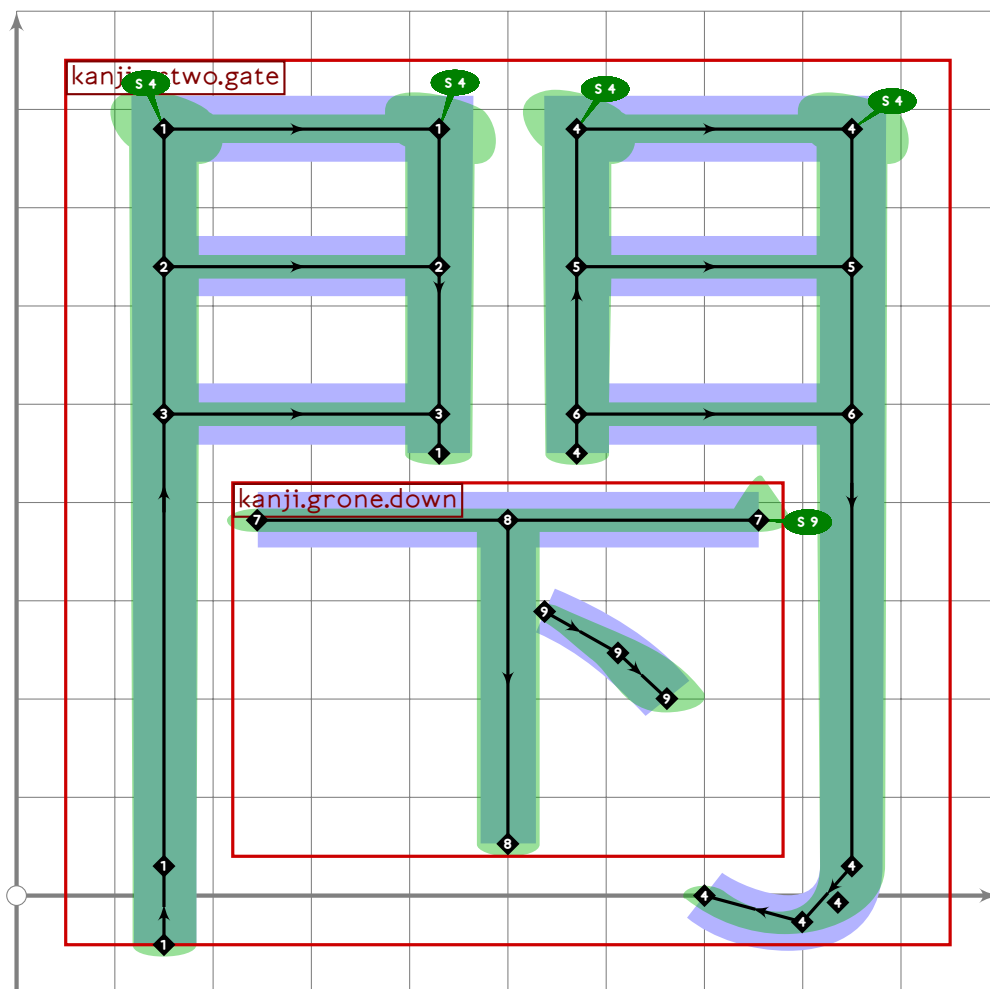
95

```

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

```

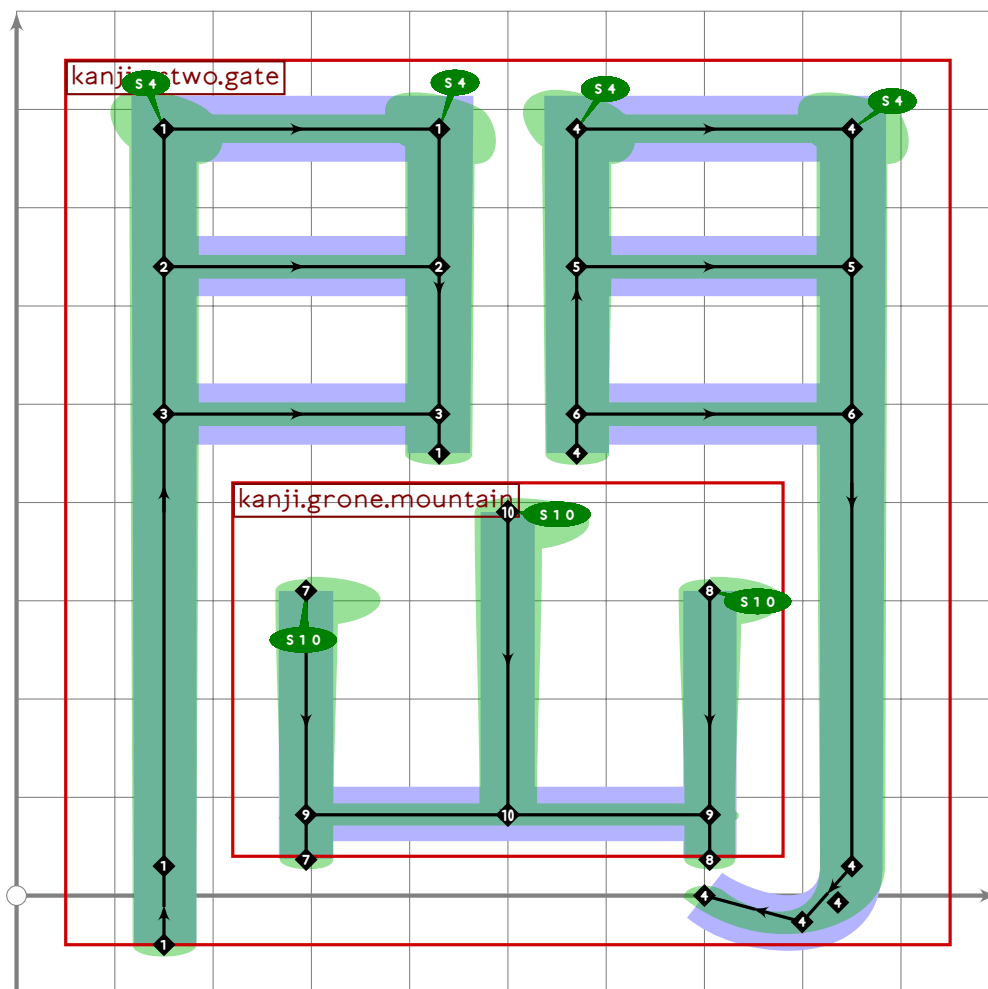




```

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;

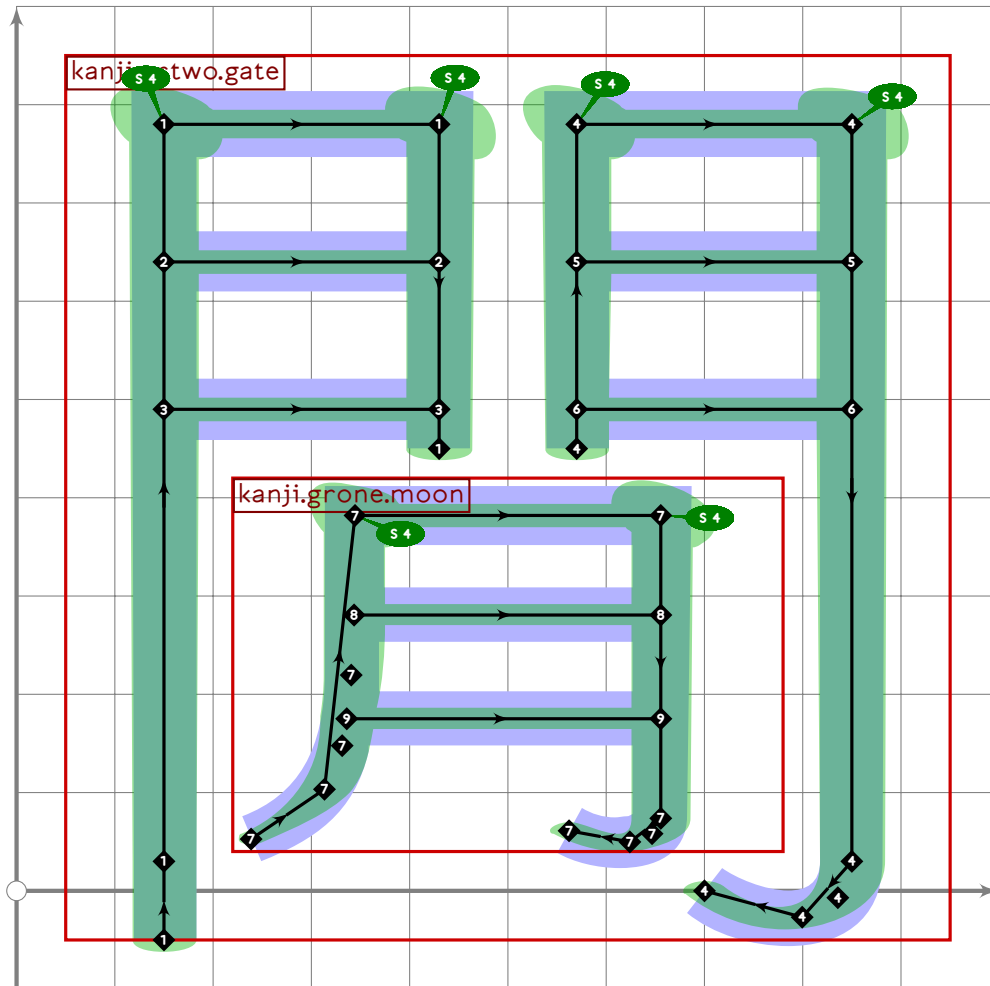
```

[see page 2816]

[see page 2819]

[see page 2817]

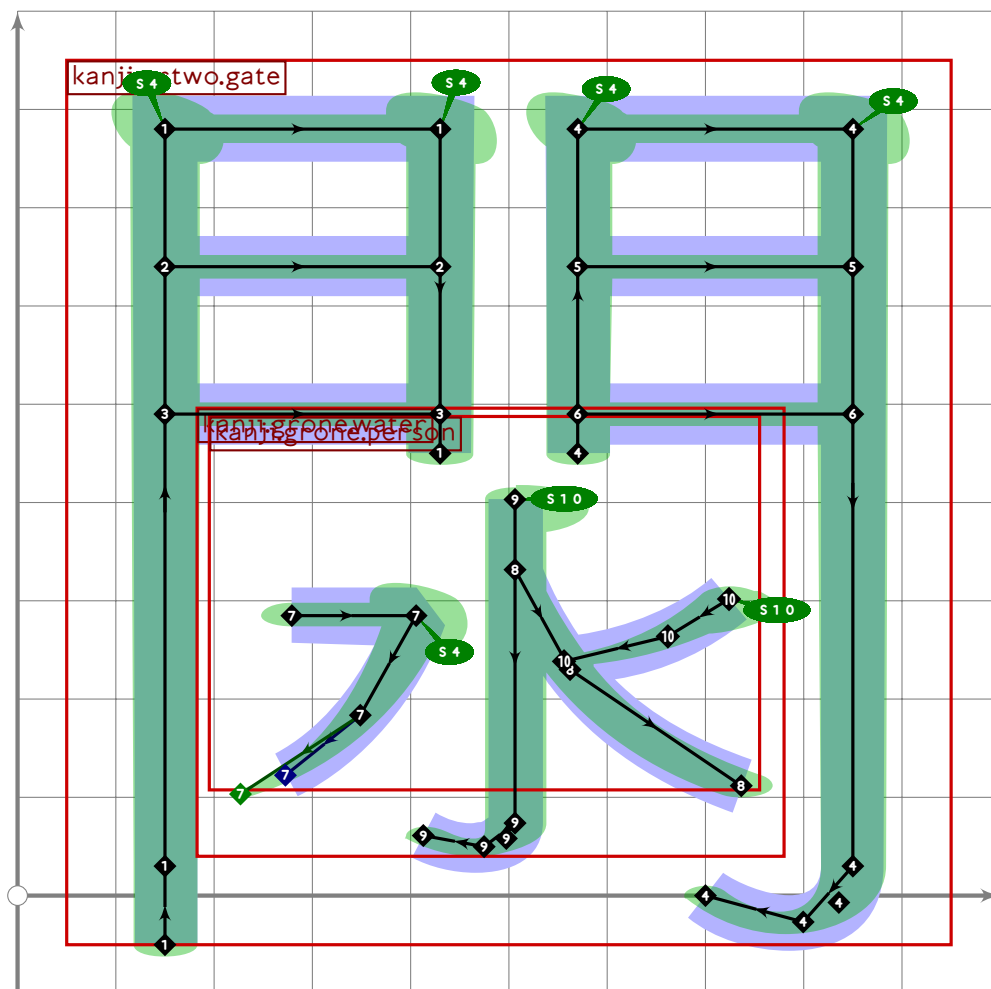
```
141 tsu_render;
142 endtsuglyph;
143
```



```
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 512]

U+9596  
tsuku.uni9596

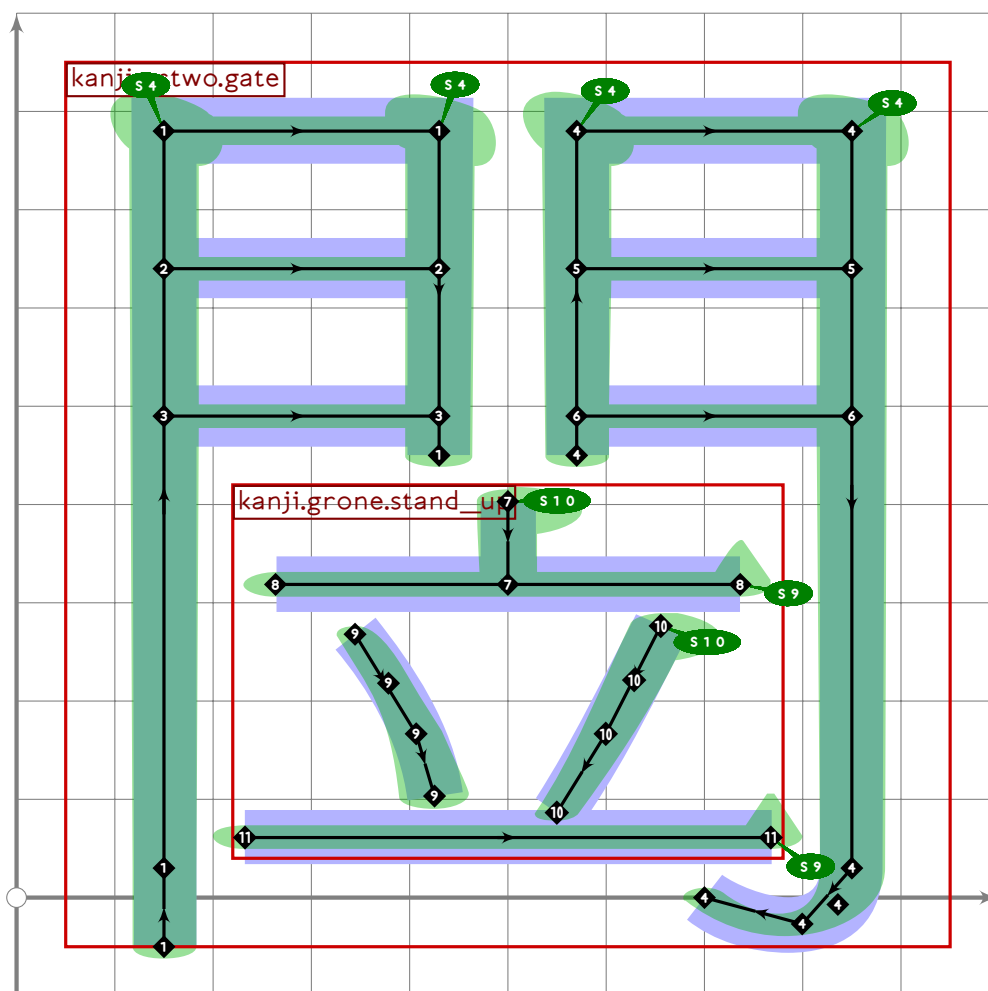


95

```

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

```

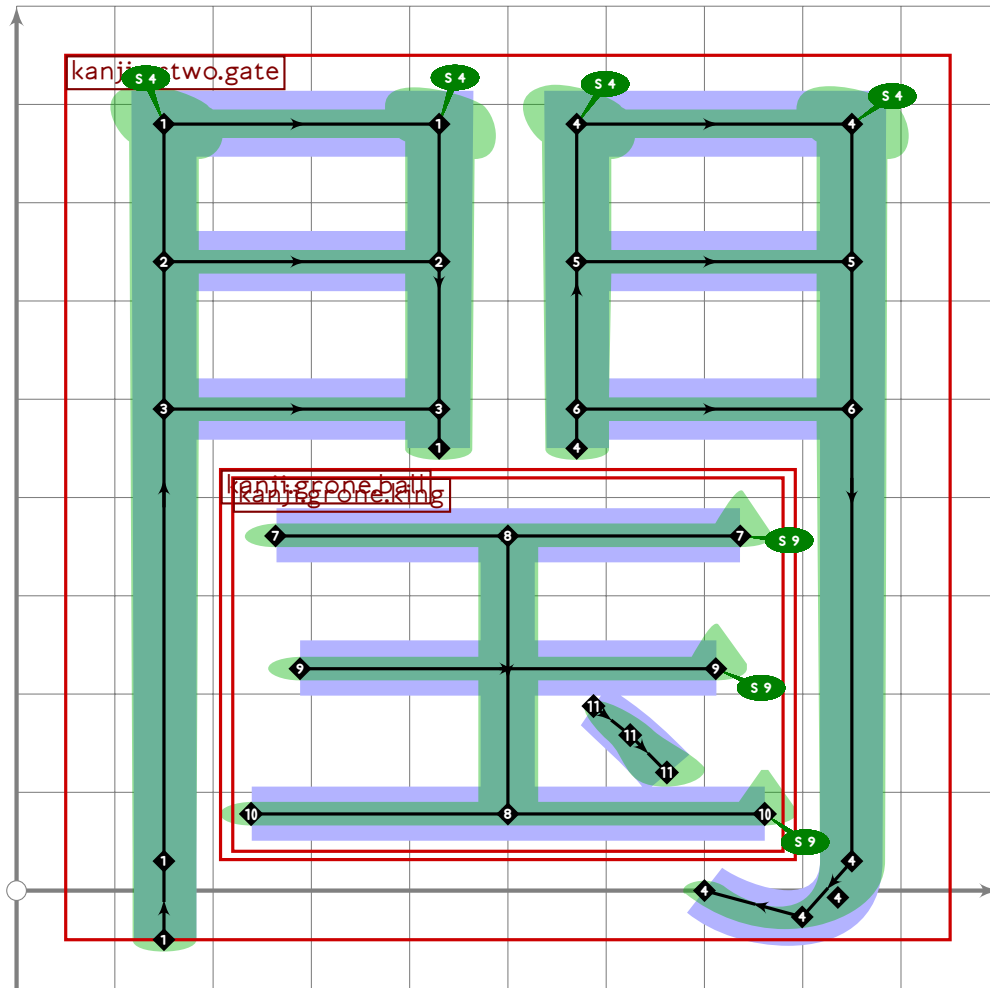


```

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

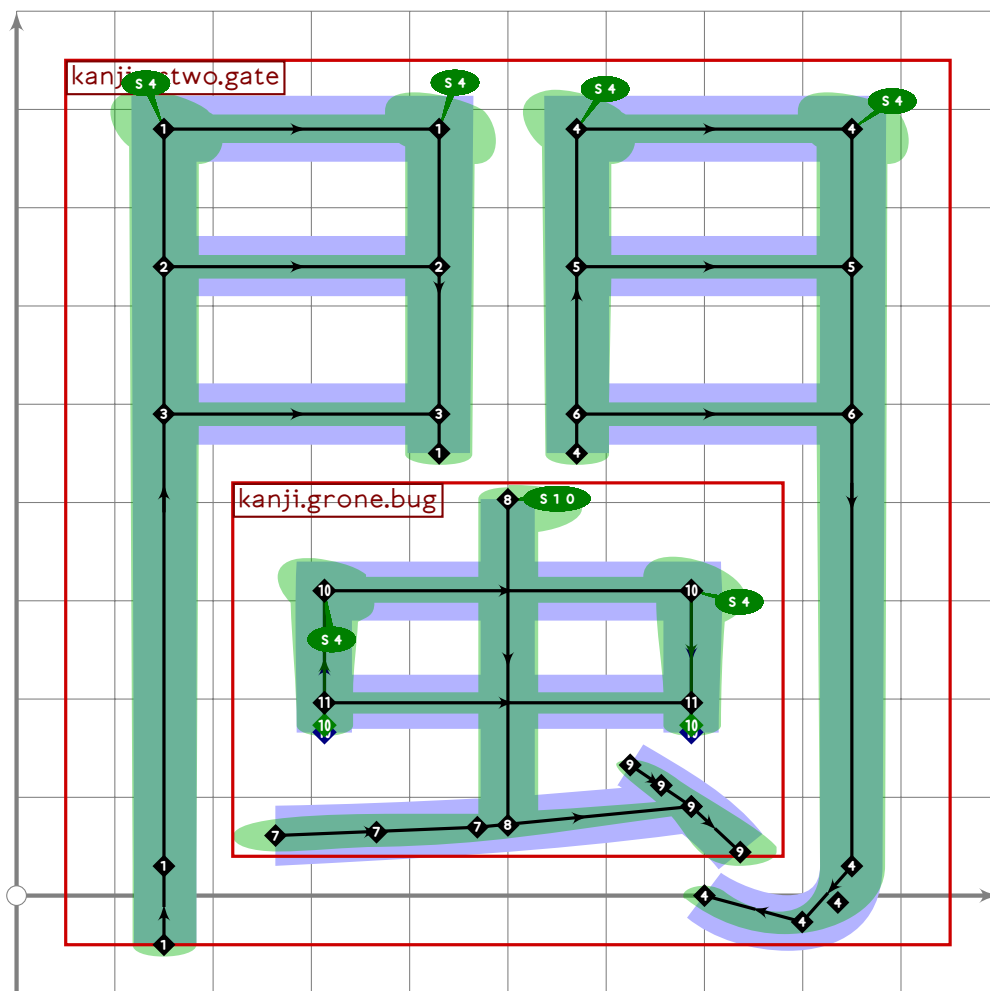


95

```

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

```

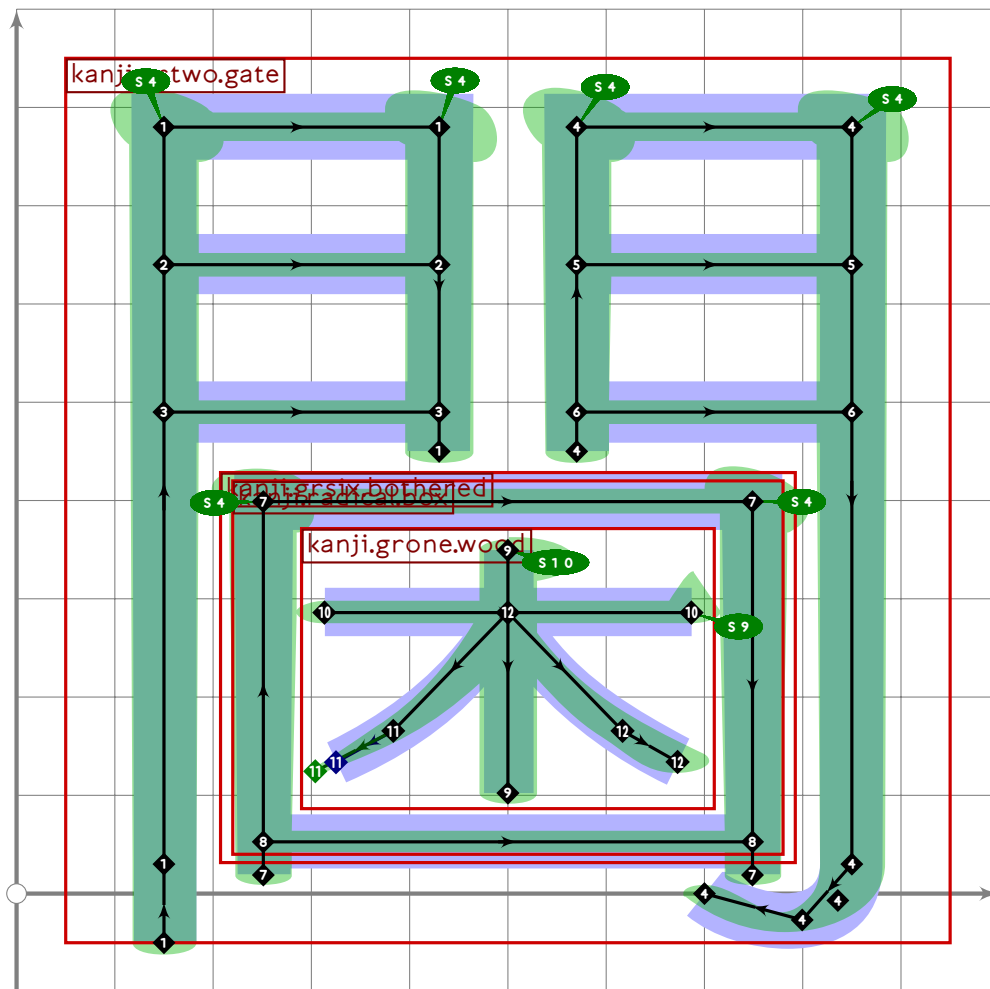


```

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

```

U+95AB  
tsuku.uni95AB



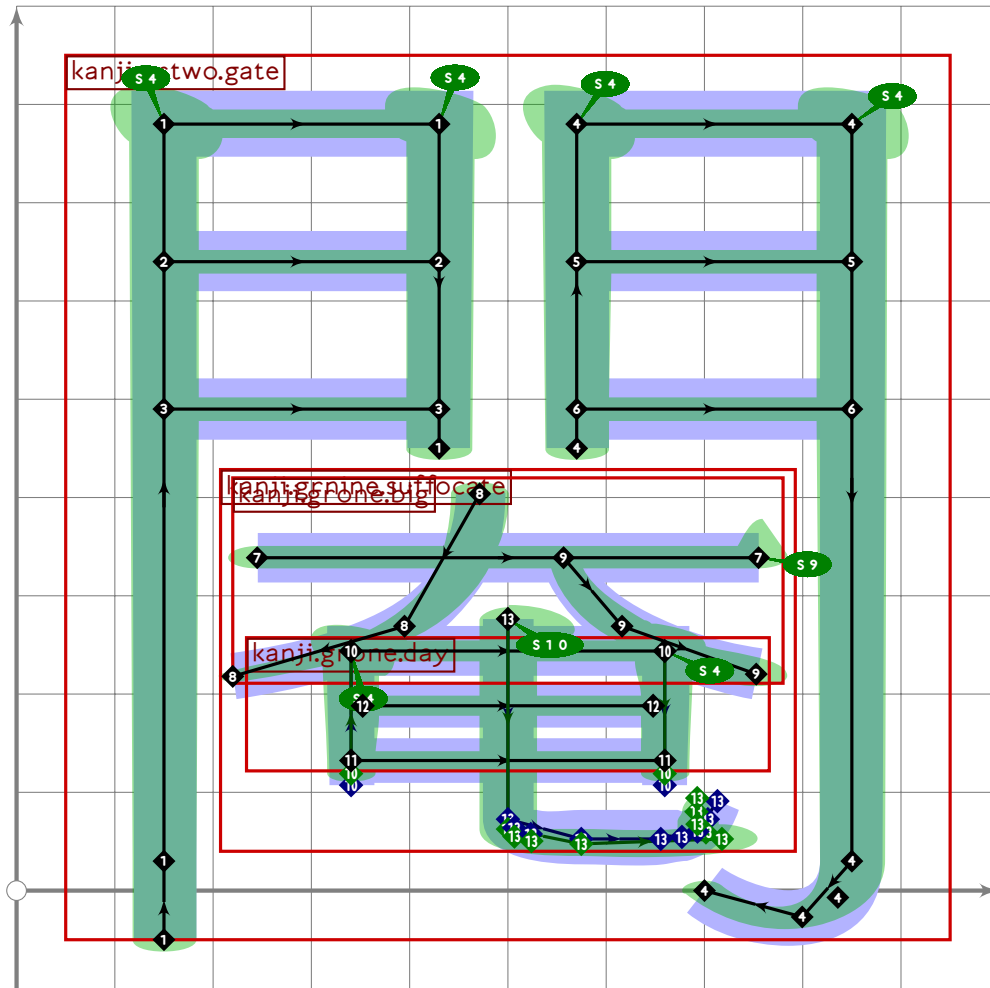
95

```

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

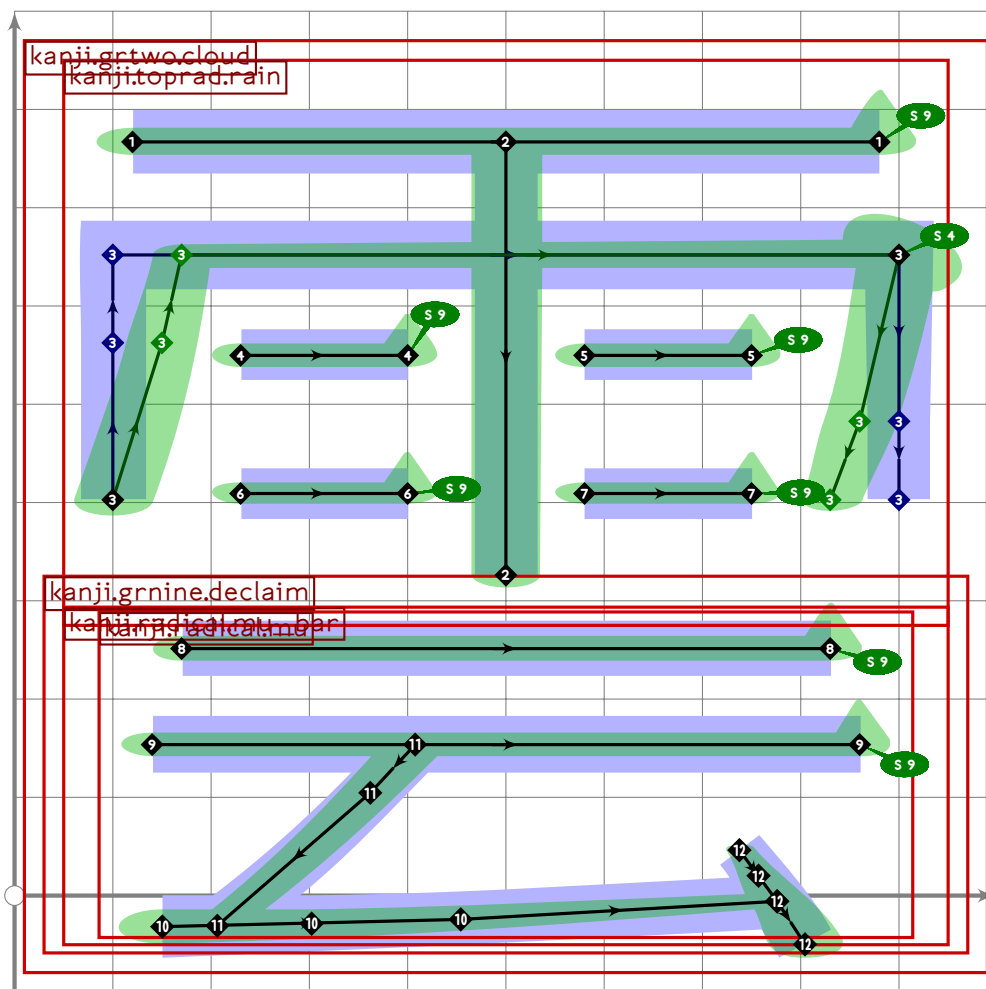
```
1 %
2 % Unicode page 96 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

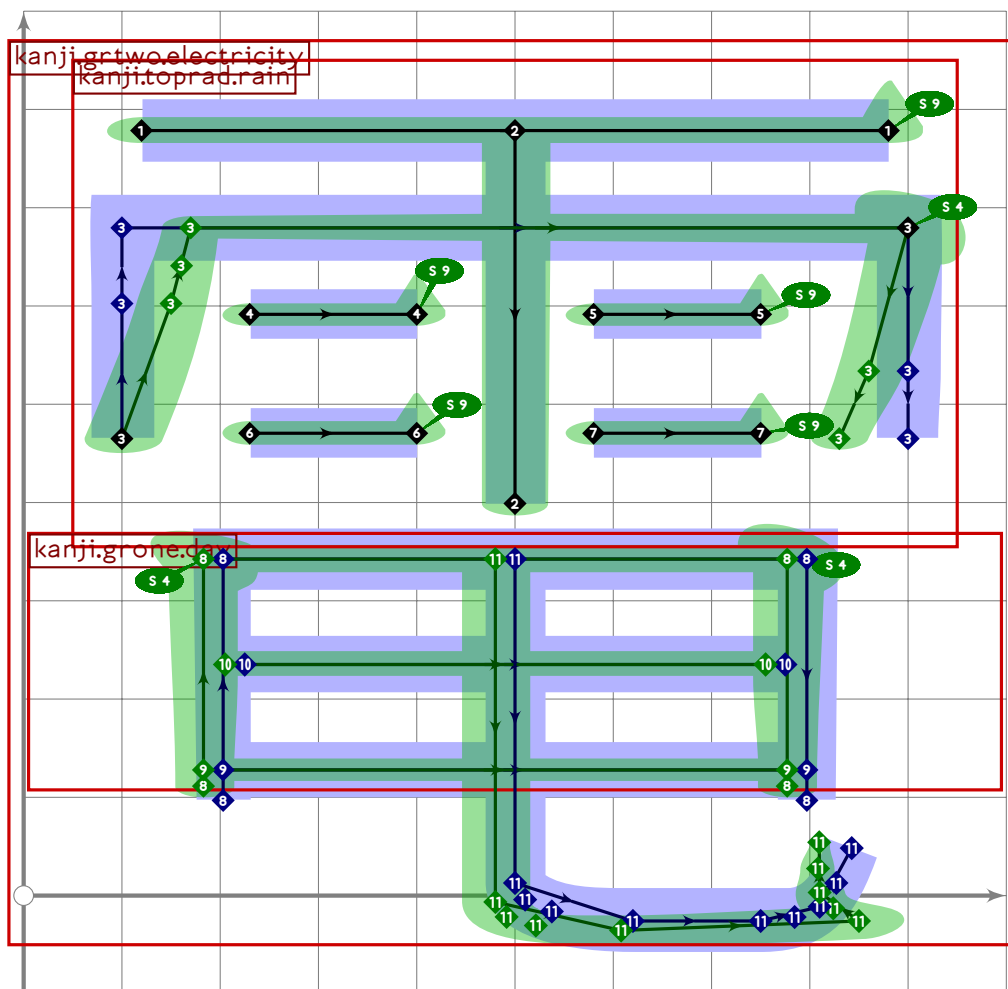

```



```

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;

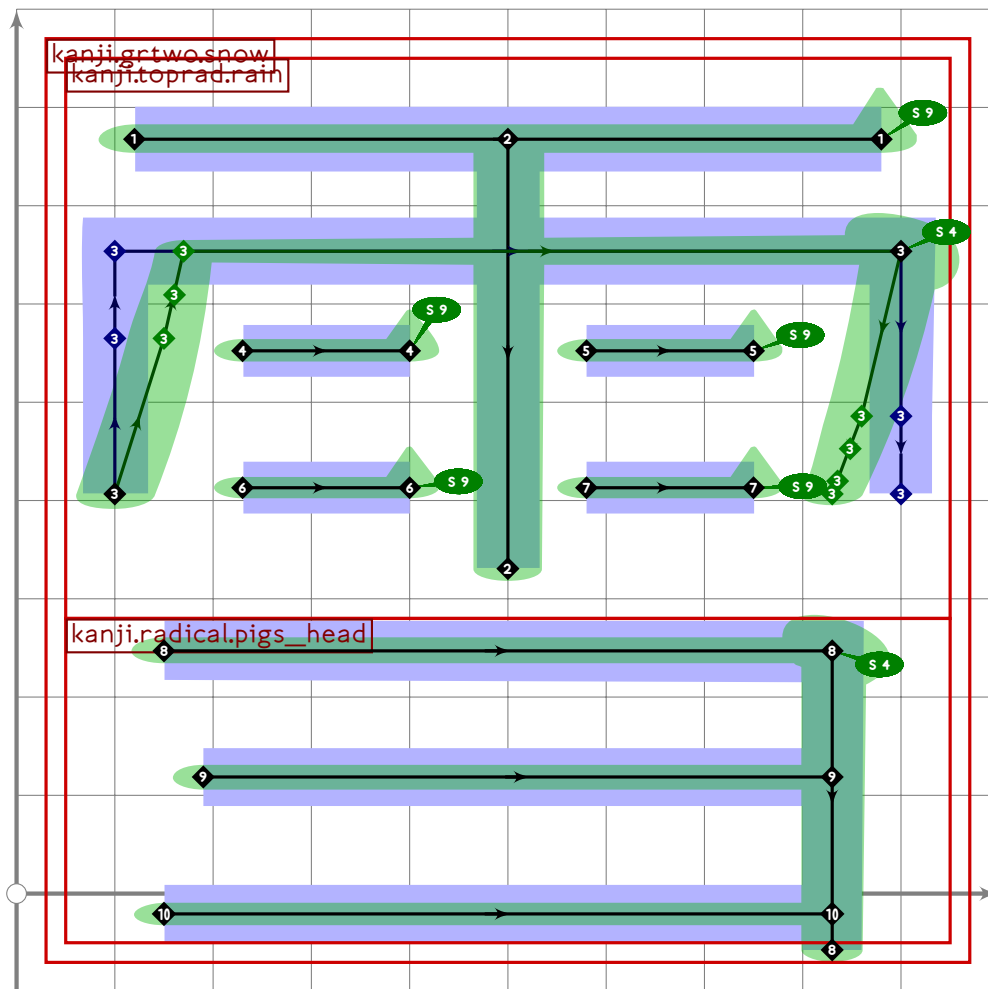
```



```

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;

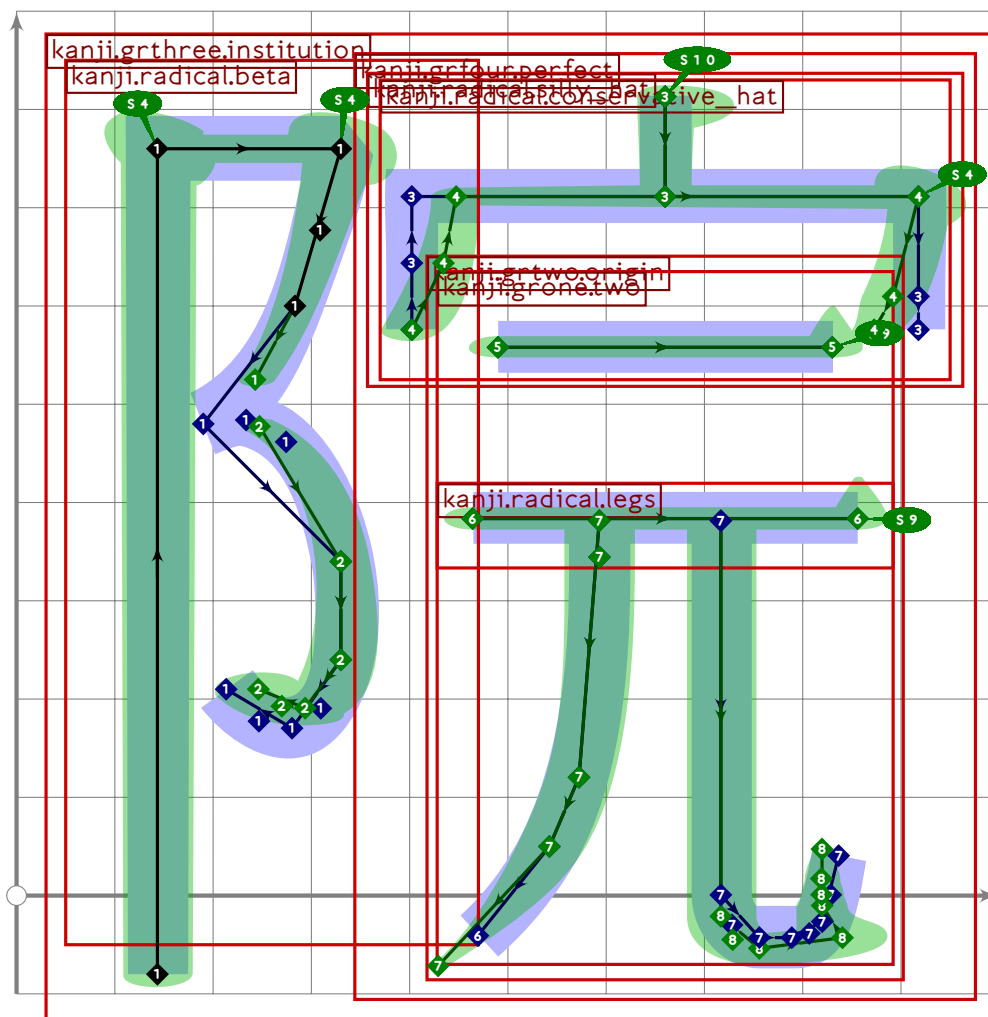
```



```

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

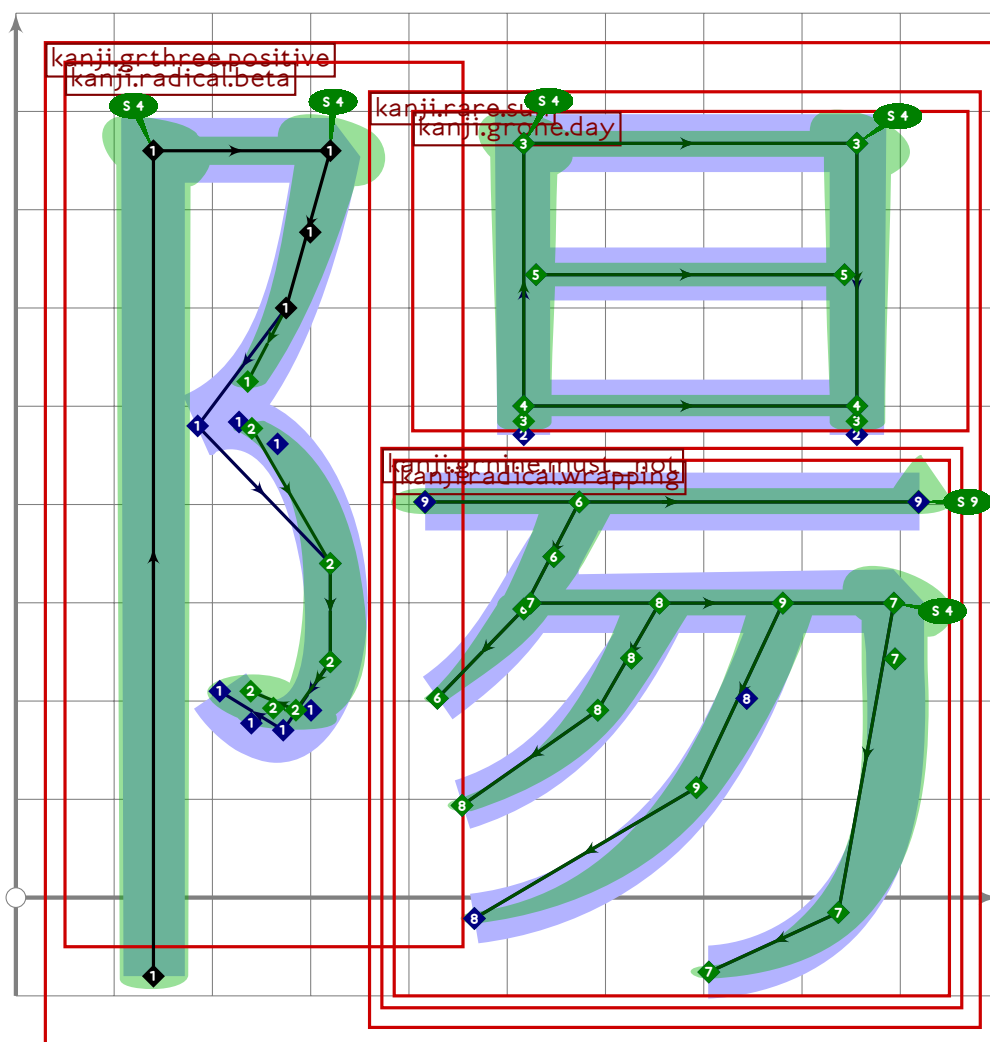
```



```

80
81 vardef kanji.grthree.institution =
82   push_pbox_toexpand("kanji.grthree.institution");
83   build_kanji.lr(420,100)
84     (kanji.radical.beta)
85     (build_kanji.sscale(shifted (0;20))(kanji.grfour.perfect));
86   expand_pbox;
87 enddef;

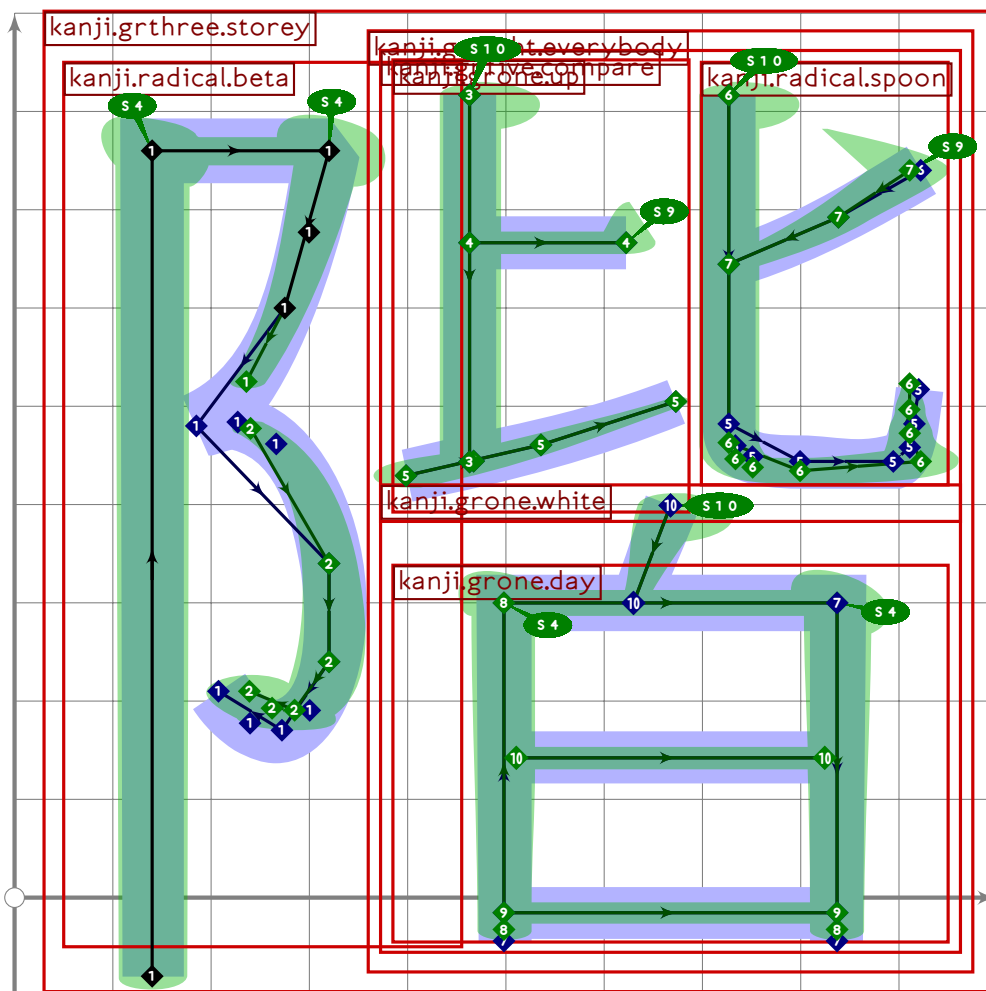
```



```

88
89 vardef kanji.grthree.positive =
90   push_pbox_toexpand("kanji.grthree.positive");
91   build_kanji.lr(420,70)
92     (kanji.radical.beta)
93     (build_kanji.sscale(shifted (0,50))(kanji.rare.sun));
94   expand_pbox;
95 enddef;

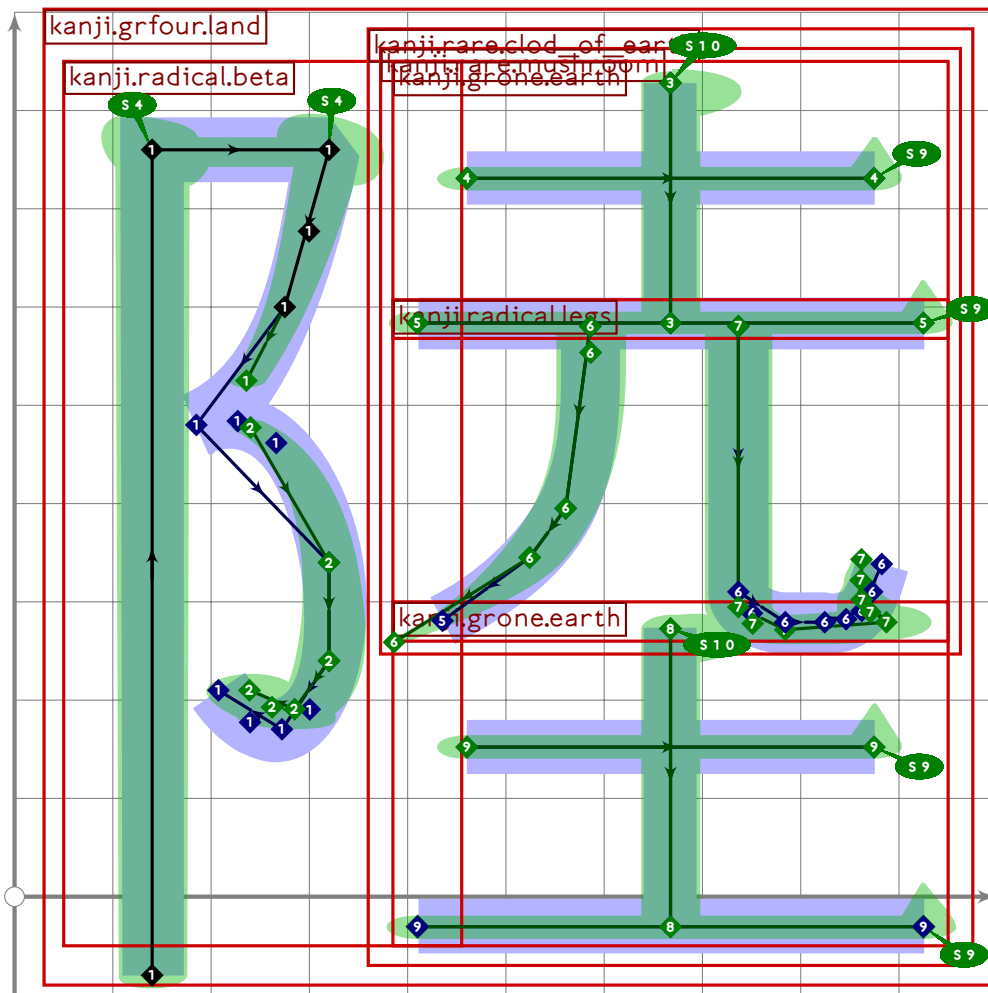
```



```

96
97 vardef kanji.grthree.storey =
98   push_pbox_toexpand("kanji.grthree.storey");
99   build_kanji.lr(420,70)
100     (kanji.radical.beta)
101     (kanji.greight.everybody);
102   expand_pbox;
103 enddef;
104
105
```

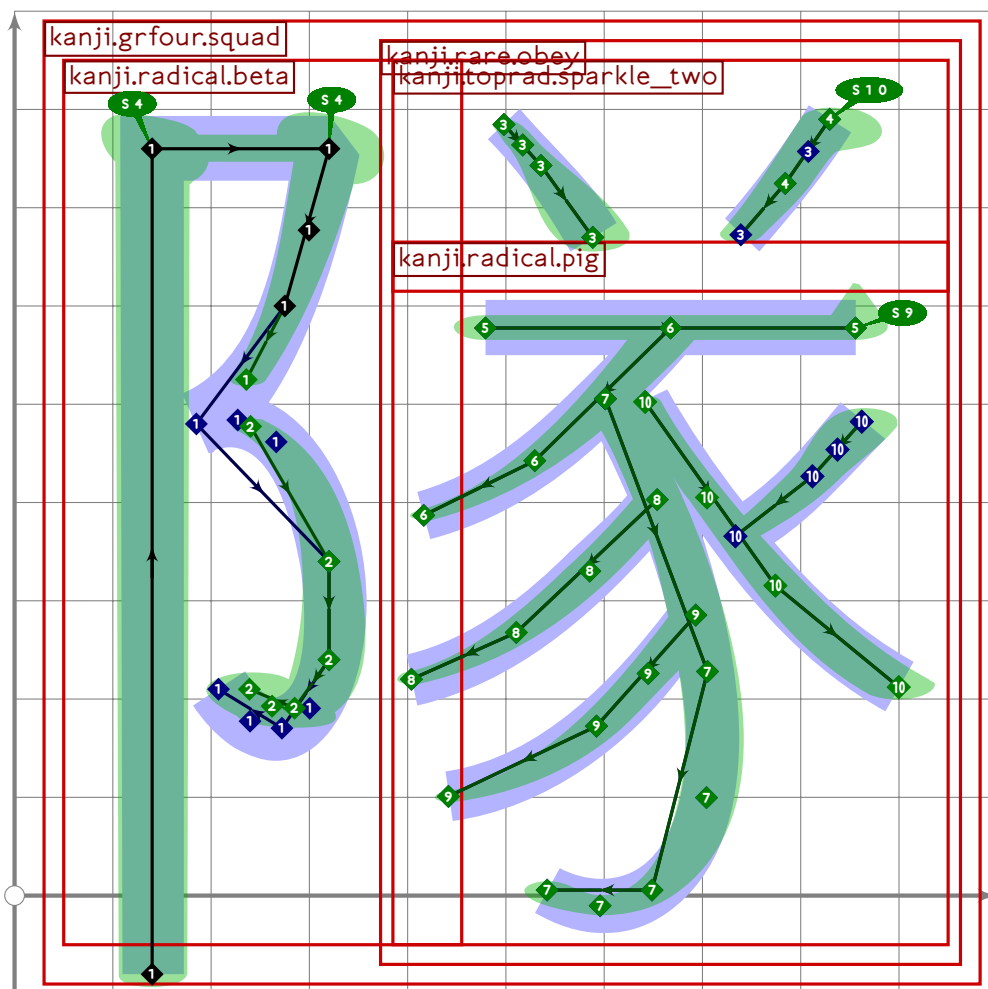




```

106
107 vardef kanji.grfour.land =
108   push_pbox_toexpand("kanji.grfour.land");
109   build_kanji.lr(420,70)
110     (kanji.radical.beta)
111     (kanji.rare.clod_of_earth);
112   expand_pbox;
113 enddef;

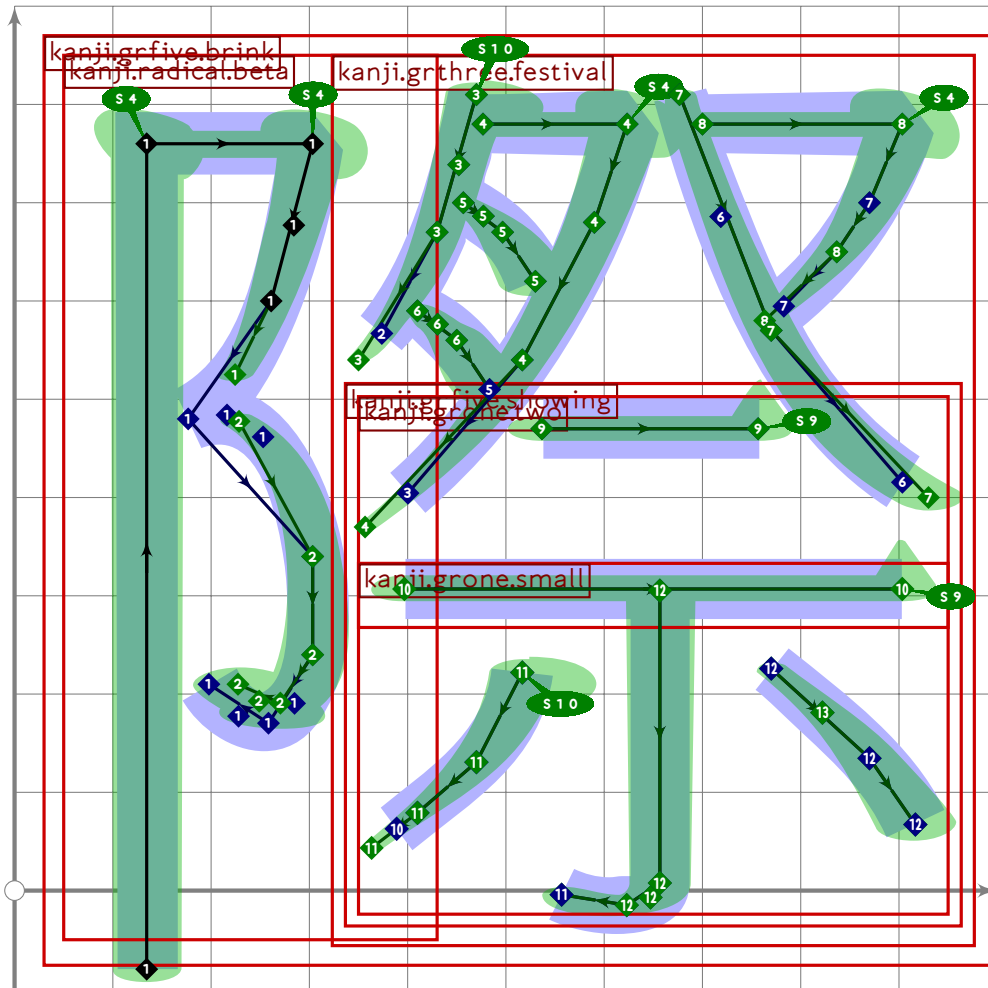
```



```

114
115 vardef kanji.grfour.squad =
116   push_pbox_toexpand("kanji.grfour.squad");
117   build_kanji.lr(420,70)
118     (kanji.radical.beta)
119     (kanji.rare.obey);
120   expand_pbox;
121 enddef;
122
123

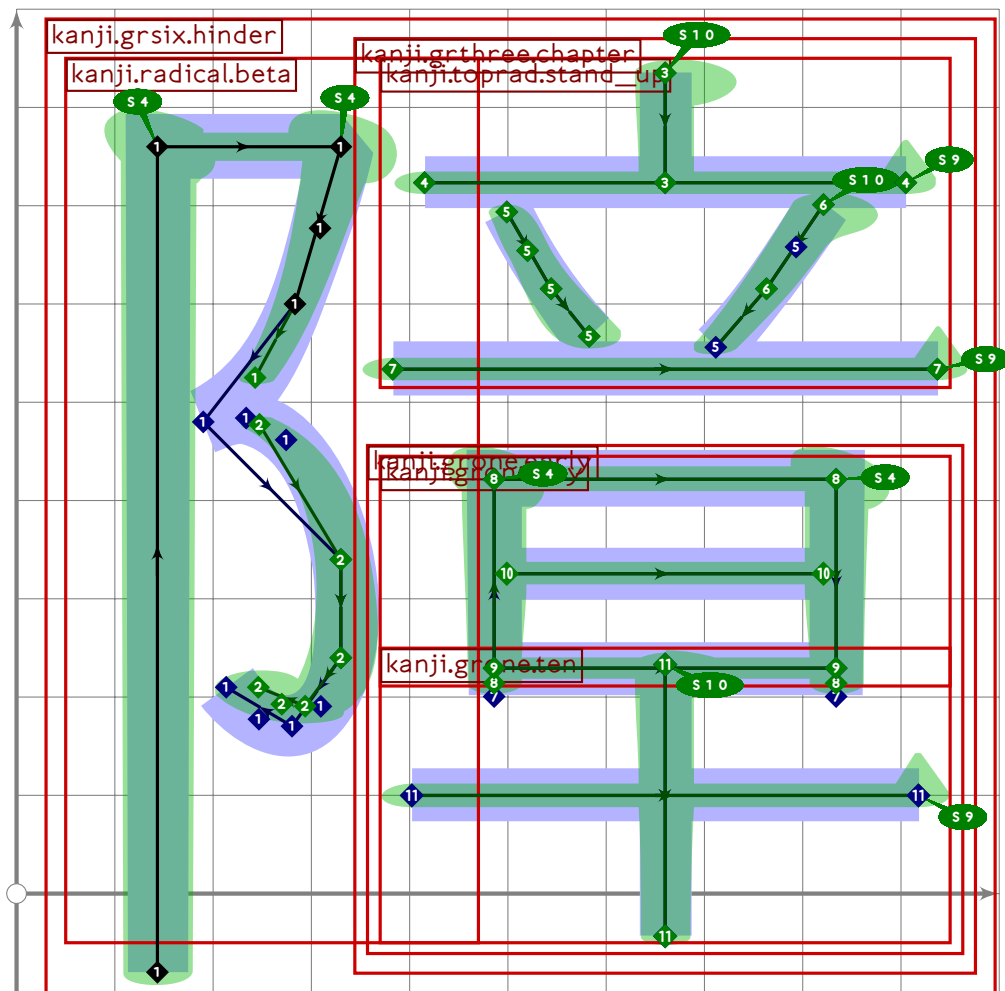
```



```

124
125 vardef kanji.grfive.brink =
126   push_pbox_toexpand("kanji.grfive.brink");
127   build_kanji.lr(390,80)
128     (kanji.radical.beta)
129     (kanji.grthree.festival);
130   expand_pbox;
131 enddef;
132
133

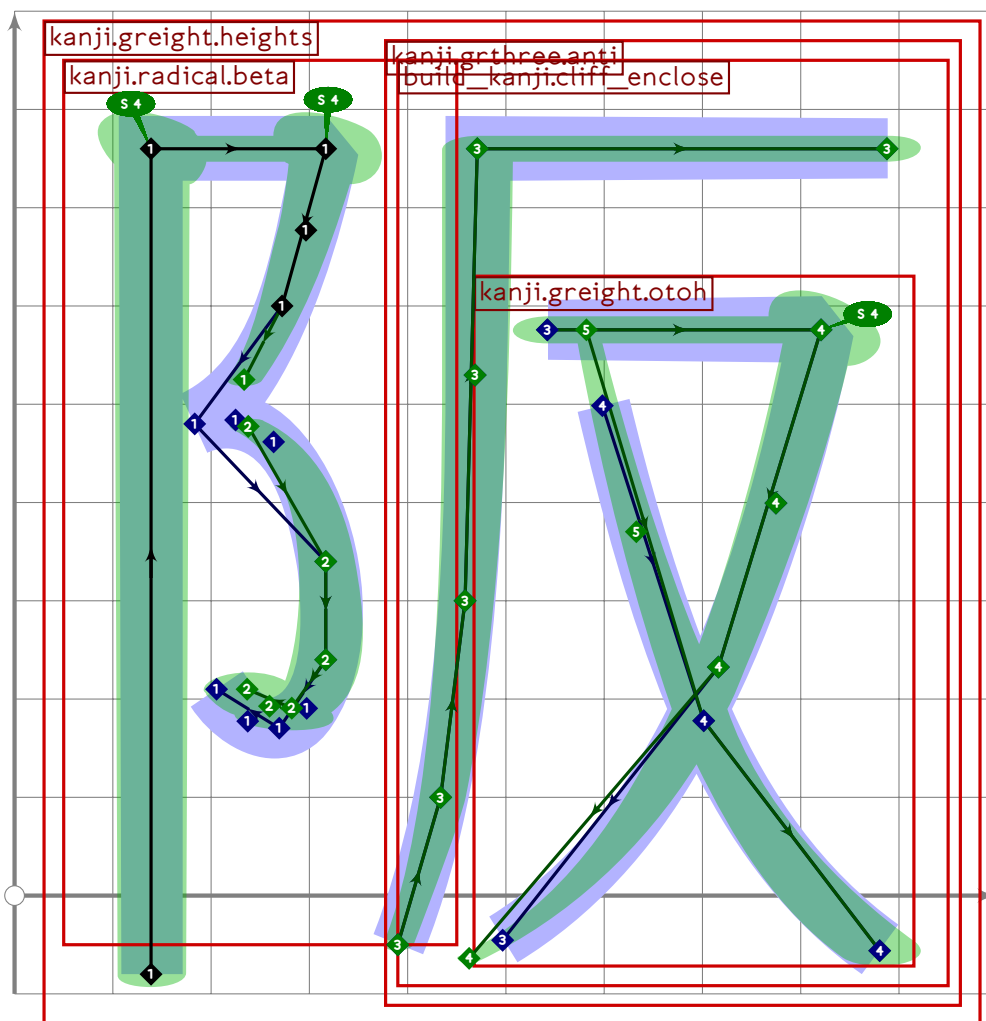
```



```

134
135 vardef kanji.grsix.hinder =
136   push_pbox_toexpand("kanji.grsix.hinder");
137   build_kanji.lr(420,100)
138   (kanji.radical.beta)
139   (kanji.grthree.chapter);
140   expand_pbox;
141 enddef;
142
143

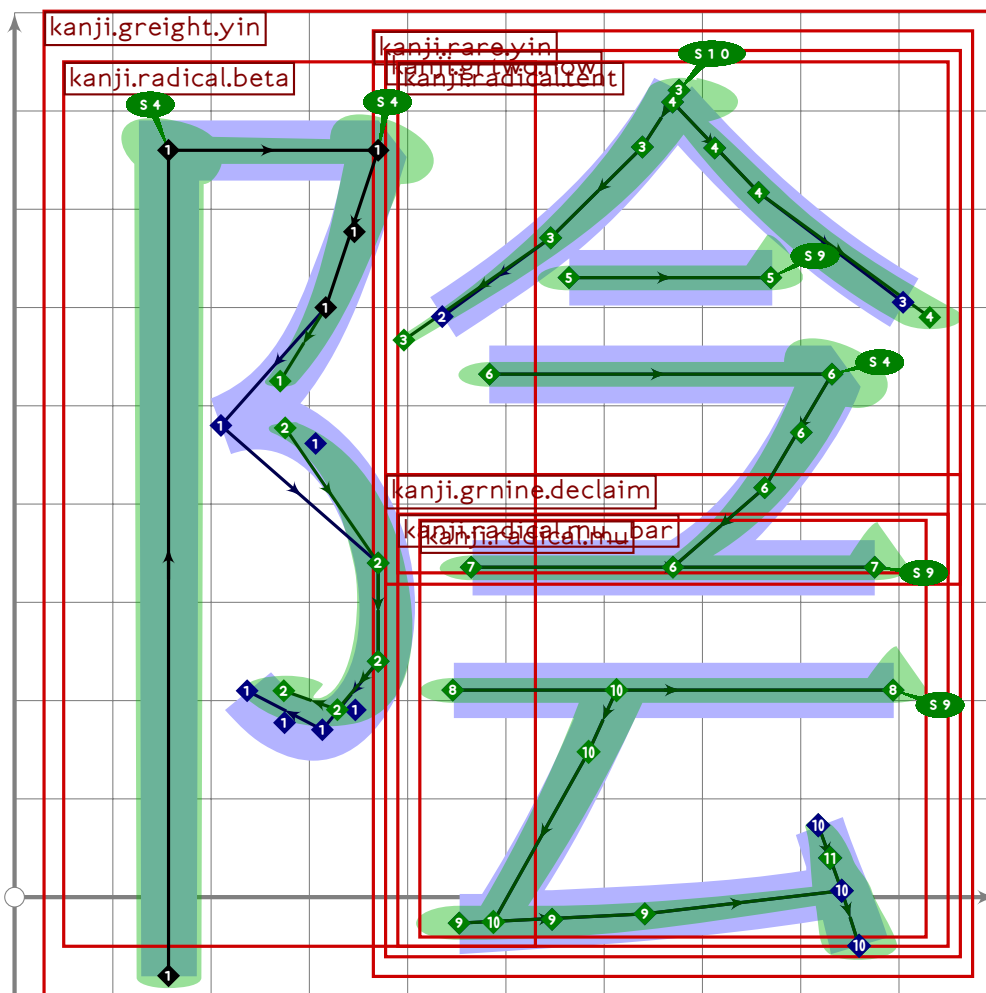
```



```

144
145 vardef kanji.greight.heights =
146   push_pbox_toexpand("kanji.greight.heights");
147   build_kanji.level(build_kanji.lr(420,60)
148     (kanji.radical.beta)
149     (kanji.grthree.anti));
150   expand_pbox;
151 enddef;

```

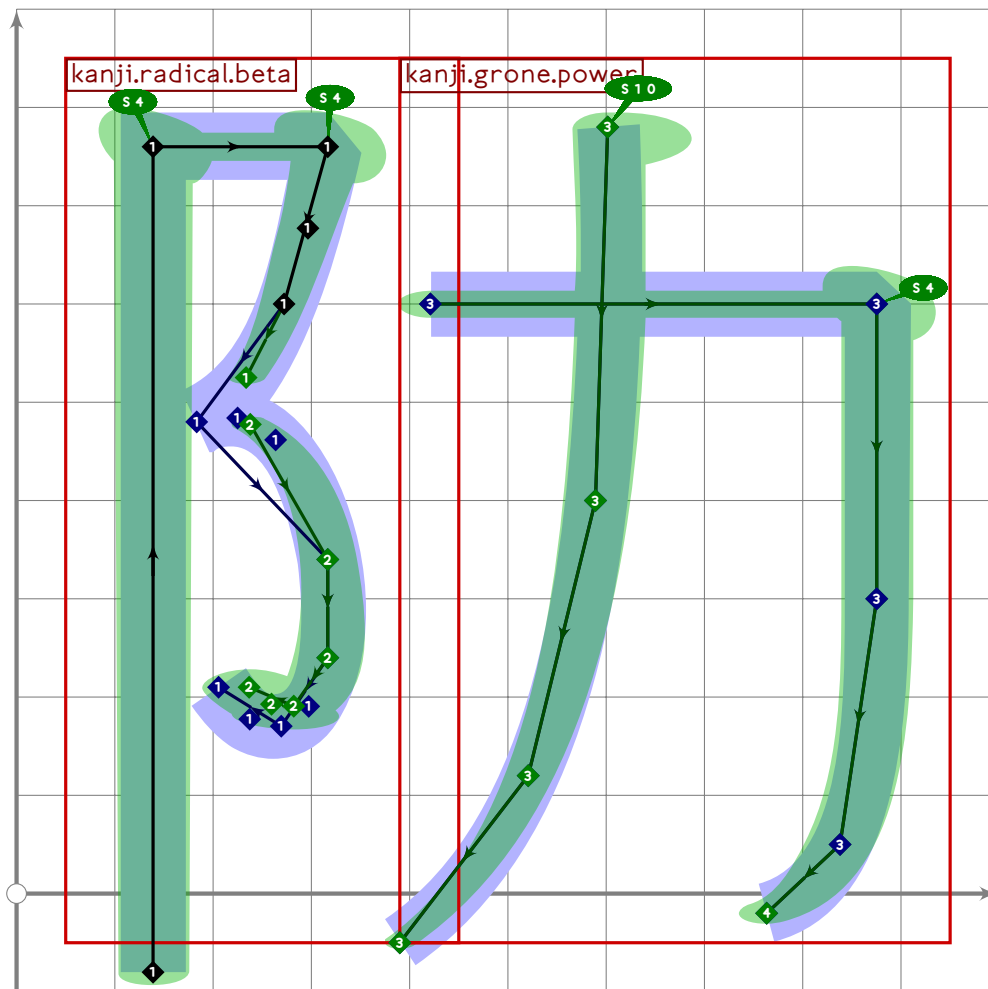


```

152
153 vardef kanji.greight.yin =
154   push_pbox_toexpand("kanji.greight.yin");
155   build_kanji.level(build_kanji.lr(460,140)
156     (kanji.radical.beta)
157     (kanji.rare.yin));
158   expand_pbox;
159 enddef;
160
161
162
163 % kozato "left village" (beta-looking) radical
164 begintsuglyph("uni961D";29);
165   kanji.radical.beta;
166   tsu_render;
167 endtsuglyph;
168

```

[see page 680]

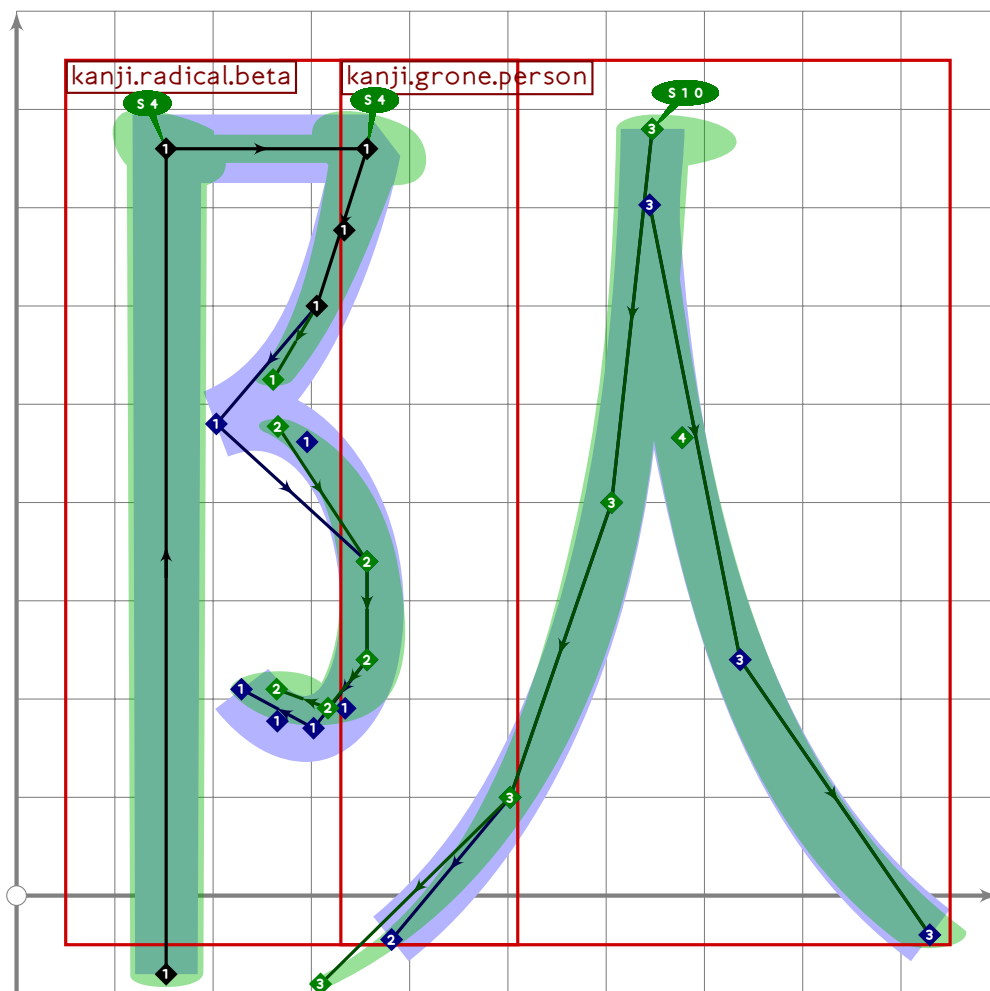


```

169 % extra "vein"
170 begintsuglyph("uni961E";30);
171   build_kanji.level(build_kanji.lr(420,60)
172     (kanji.radical.beta)
173     (kanji.grone.power));
174   tsu_render;
175 endtsuglyph;
176

```

U+961F  
tsuku.uni961F



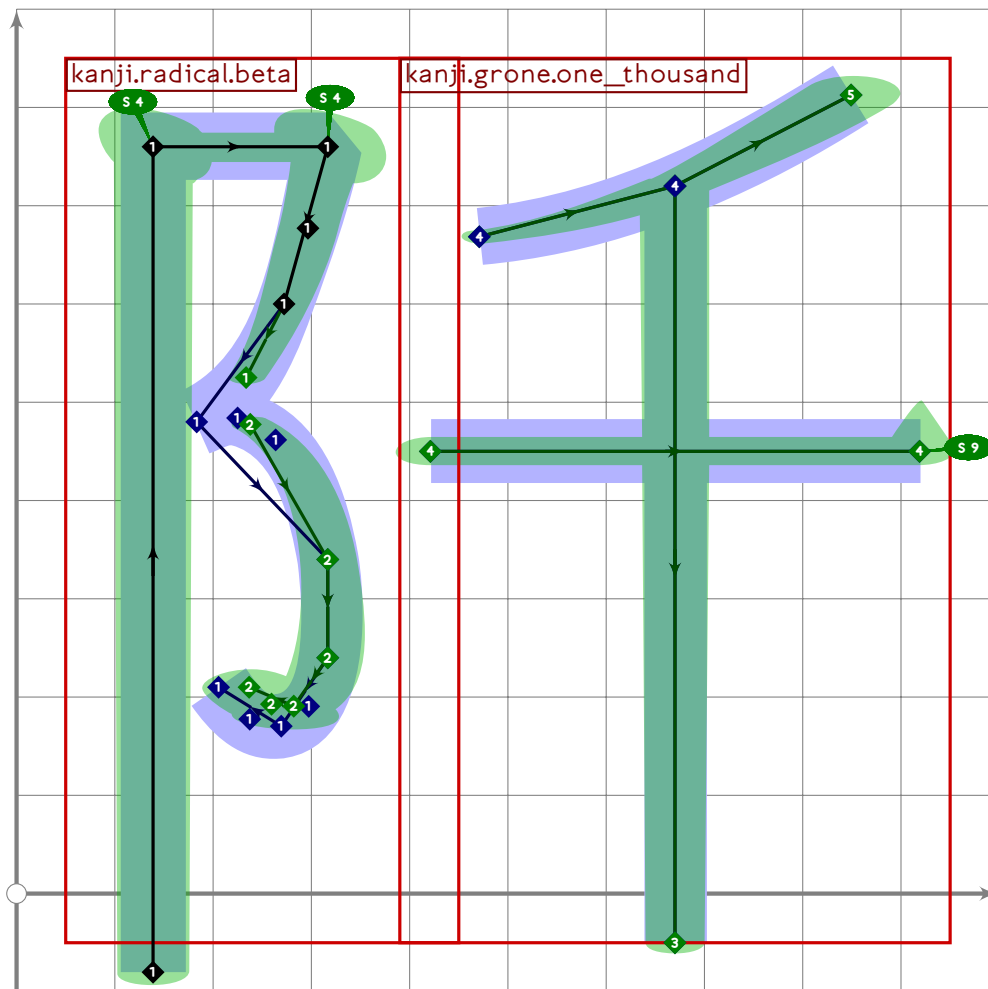
96

```

177 % extra
178 begintsuglyph("uni961F";31);
179   build_kanji.level(build_kanji.lr(420,180)
180     (kanji.radical.beta)
181     (kanji.grone.person));
182   tsu_render;
183 endtsuglyph;
184

```



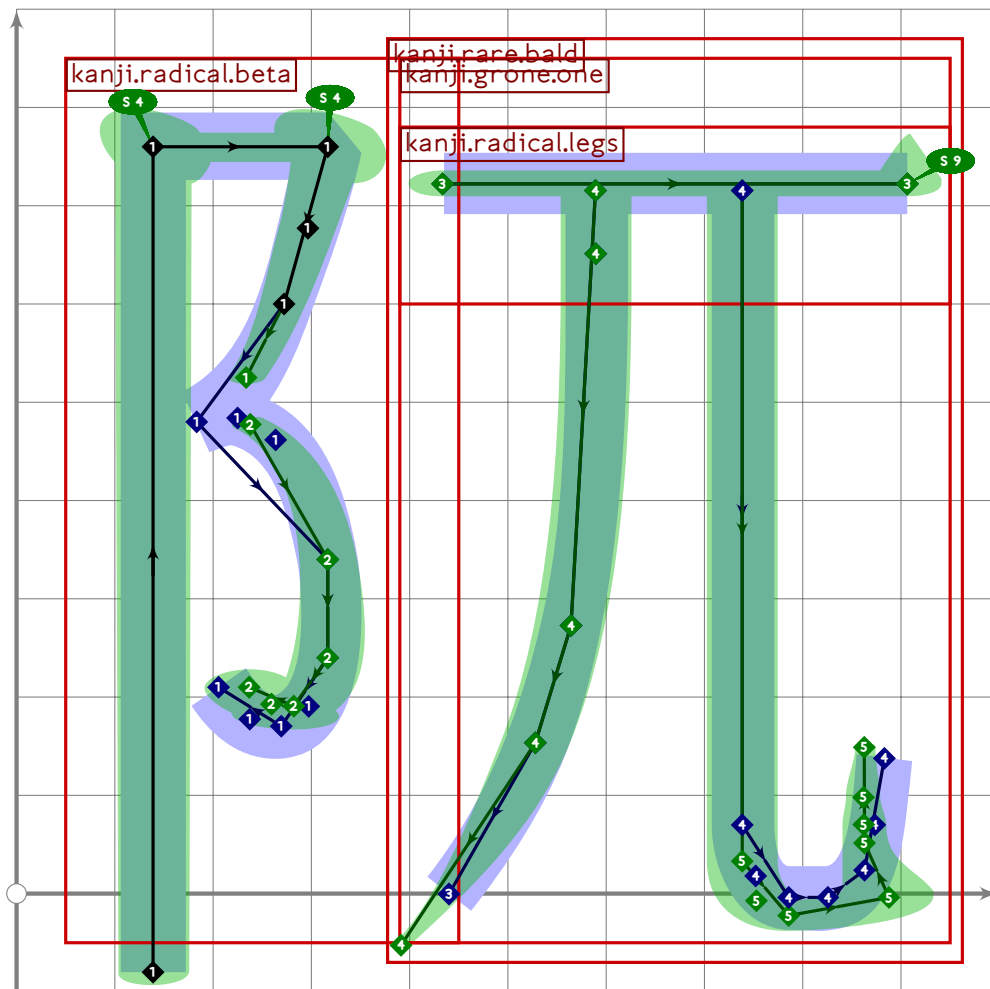


```

185 % extra "thousand"
186 begintsuglyph("uni9621";33);
187   build_kanji.level(build_kanji.lr(420,60)
188     (kanji.radical.beta)
189     (kanji.grone.one_thousand));
190   tsu_render;
191 endtsuglyph;
192

```

U+9622  
tsuku.uni9622

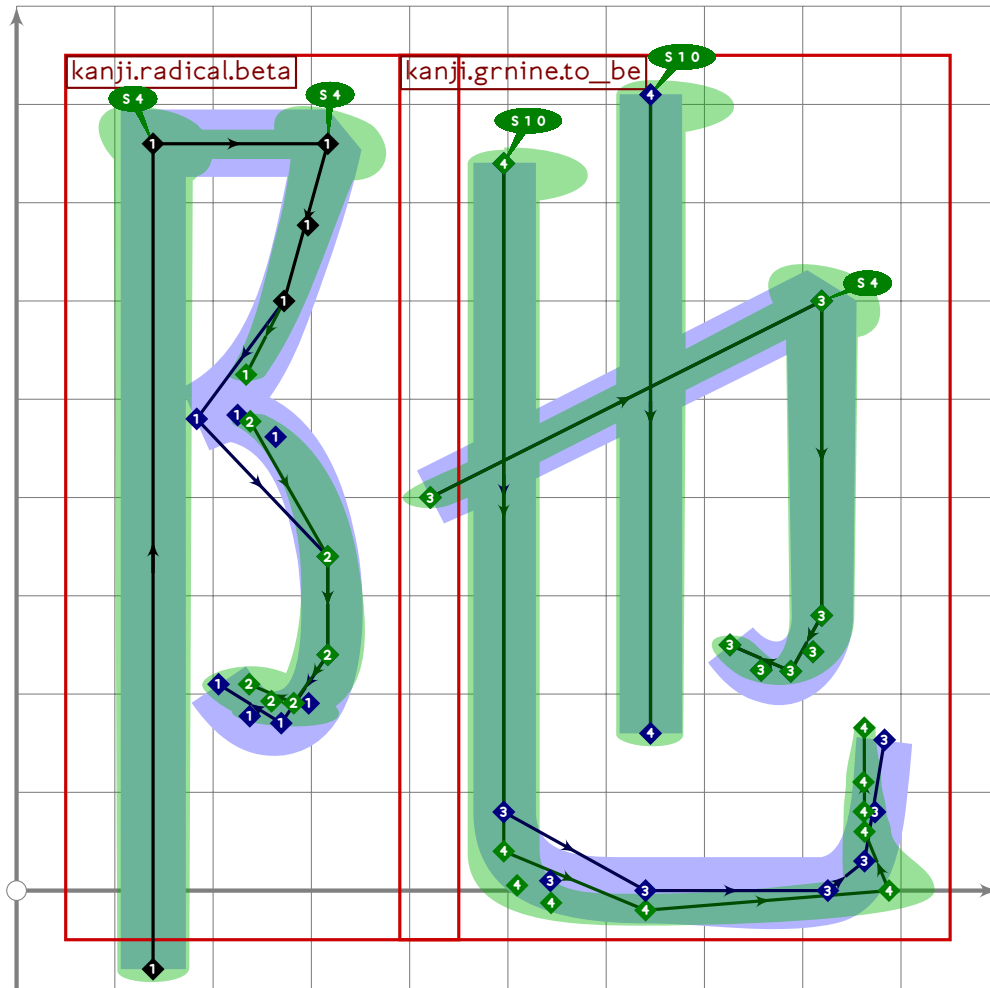


96

```

193 % extra
194 begintsuglyph("uni9622",34);
195   build_kanji.level(build_kanji.lr(420,60)
196     (kanji.radical.beta)
197     (kanji.rare.bald));
198   tsu_render;
199 endtsuglyph;
200

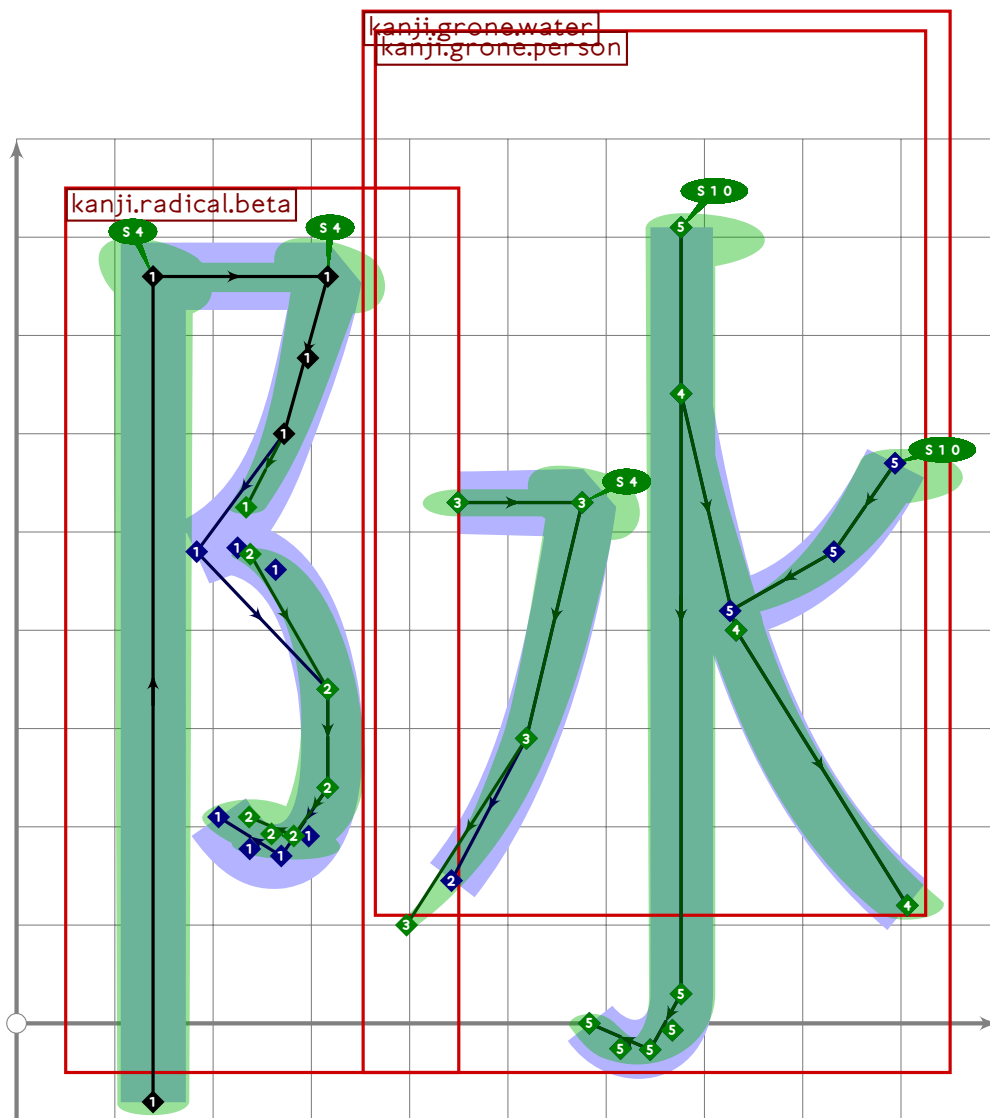
```



```

201 % extra
202 begintsuglyph("uni9624",36);
203   build_kanji.level(build_kanji.lr(420,60)
204     (kanji.radical.beta)
205     (kanji.grnine.to_be));
206   tsu_render;
207 endtsuglyph;
208

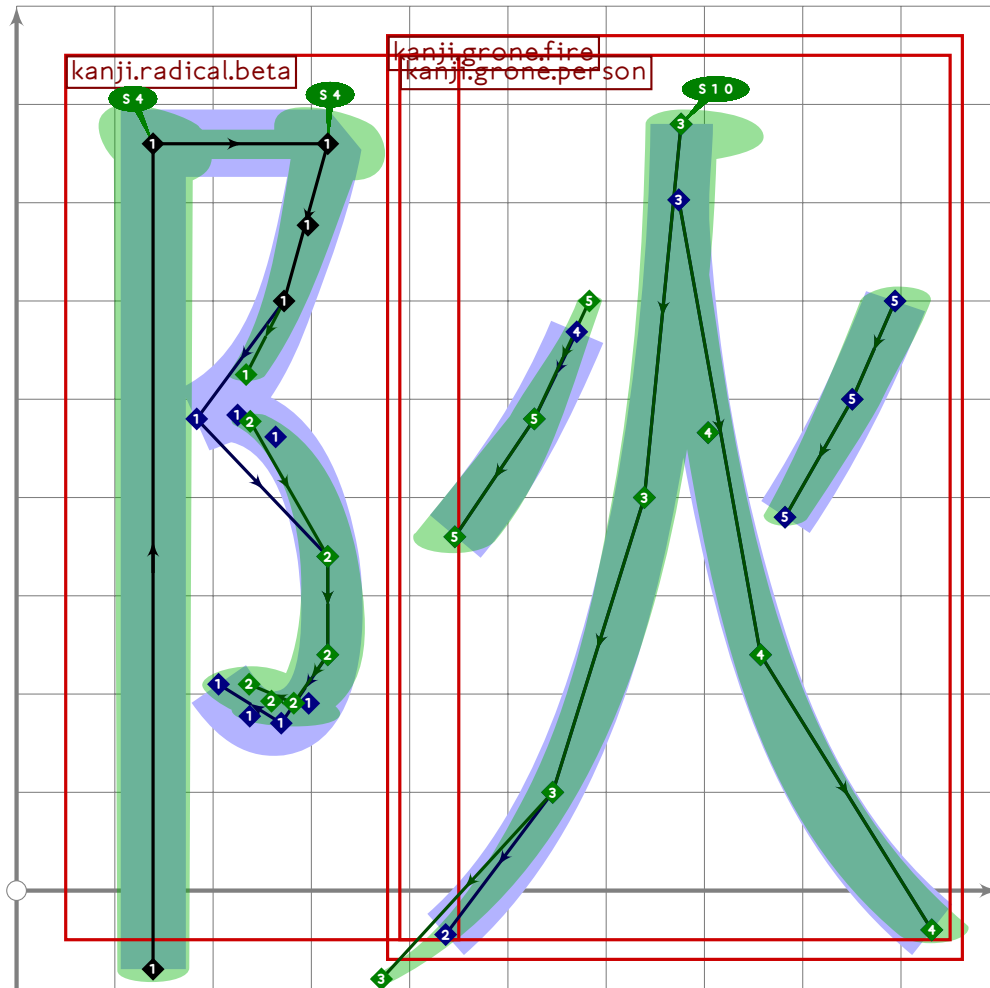
```



```

209 % extra
210 begint Suglyph("uni9625";37);
211   build_kanji.level(build_kanji.lr(420,60)
212     (kanji.radical.beta)
213     (kanji.grone.water));
214   tsu_render;
215 endtsuglyph;
216

```

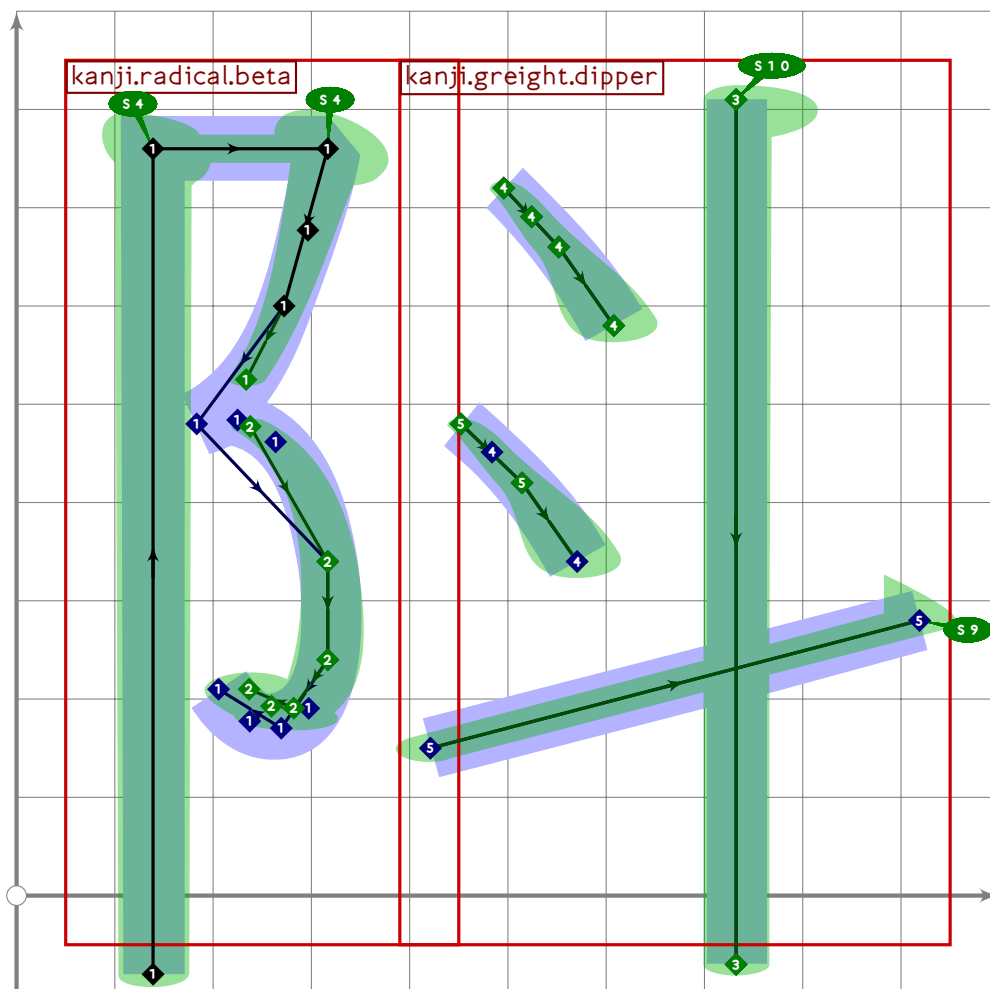


```

217 % extra
218 begintsuglyph("uni9626";38);
219   build_kanji.level(build_kanji.lr(420,60)
220     (kanji.radical.beta)
221     (kanji.grone.fire));
222   tsu_render;
223 endtsuglyph;
224

```

U+9627  
tsuku.uni9627



96

```

225 % extra
226 begintsuglyph("uni9627",39);
227   build_kanji.level(build_kanji.lr(420,60)
228     (kanji.radical.beta)
229     (kanji.greight.dipper));
230   tsu_render;
231 endtsuglyph;
232
233 % han/saka "heights"
234 begintsuglyph("uni962A",42);
235   kanji.greight.heights;
236   tsu_render;
237 endtsuglyph;
238
239 % in "institution" (often "house")
240 begintsuglyph("uni9662",98);
241   kanji.grthree.institution;
242   tsu_render;
243 endtsuglyph;
244
245 % in/kage "yin"

```

[see page 2843]

[see page 2836]

246 begintsuglyph("uni9670";112);  
247 kanji.greight.yin;  
248 tsu\_render;  
249 endtsuglyph;

[see page 2844]

250  
251 % riku/oka "land"  
252 begintsuglyph("uni9678";120);  
253 kanji.grfour.land;  
254 tsu\_render;  
255 endtsuglyph;

[see page 2839]

256  
257 % you/hi "positive"  
258 begintsuglyph("uni967D";125);  
259 kanji.grthree.positive;  
260 tsu\_render;  
261 endtsuglyph;

[see page 2837]

262  
263 % tai "squad"  
264 begintsuglyph("uni968A";138);  
265 kanji.grfour.squad;  
266 tsu\_render;  
267 endtsuglyph;

[see page 2840]

268  
269 % kai/kizahashi "storey"  
270 begintsuglyph("uni968E";142);  
271 kanji.grthree.storey;  
272 tsu\_render;  
273 endtsuglyph;

[see page 2838]

274  
275 % sai/kiwa "brink"  
276 begintsuglyph("uni969B";155);  
277 kanji.grfive.brink;  
278 tsu\_render;  
279 endtsuglyph;

[see page 2841]

280  
281 % shou/sawa "hinder"  
282 begintsuglyph("uni969C";156);  
283 kanji.grsix.hinder;  
284 tsu\_render;  
285 endtsuglyph;

[see page 2842]

286  
287 % sai/tori "old bird" radical  
288 begintsuglyph("uni96B9";185);  
289 kanji.radical.old\_bird;  
290 tsu\_render;  
291 endtsuglyph;

[see page 698]

292  
293 % shuu/atsu "collect"

```

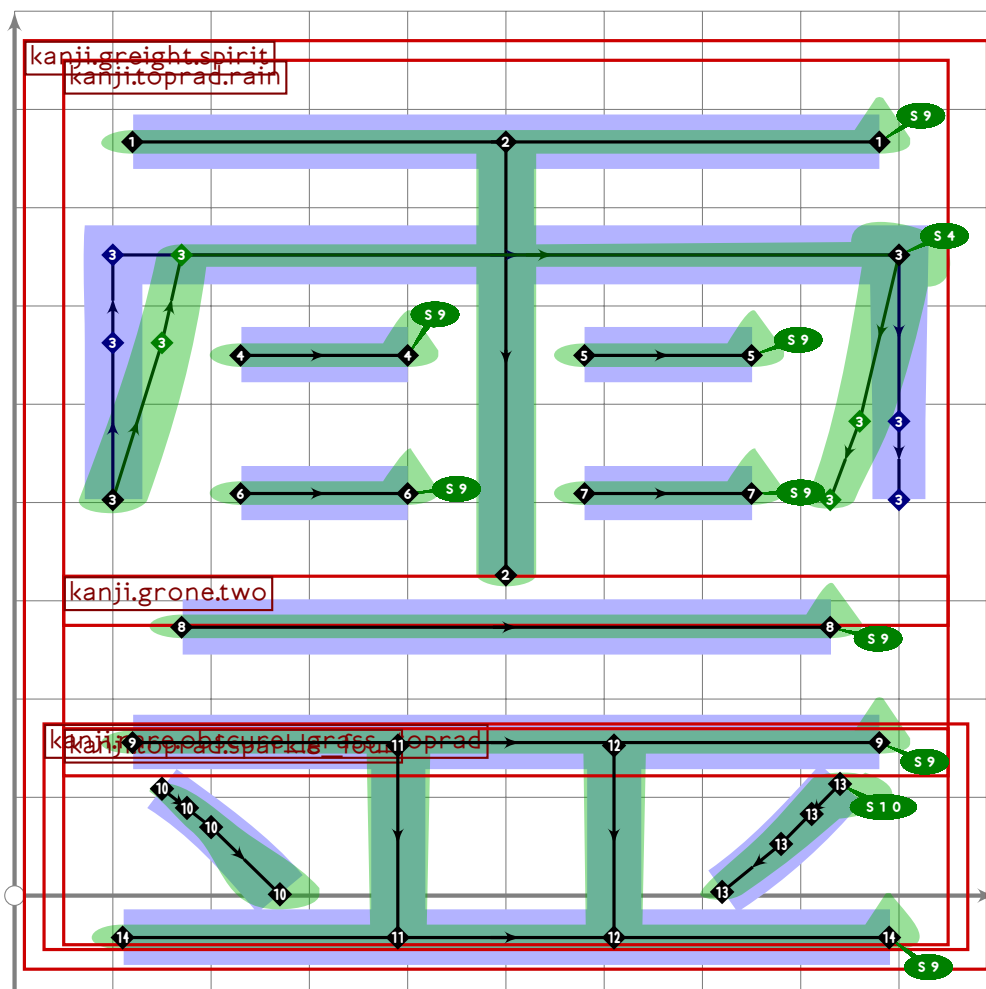
294 begintsuglyph("uni96C6";198); [see page 563]
295   kanji.grthree.collect;
296   tsu_render;
297 endtsuglyph;
298
299 % u/ame "rain"
300 begintsuglyph("uni96E8";232); [see page 458]
301   kanji.grone.rain;
302   tsu_render;
303 endtsuglyph;
304
305 % satsu/yuki "snow"
306 begintsuglyph("uni96EA";234); [see page 2835]
307   kanji.grtwo.snow;
308   tsu_render;
309 endtsuglyph;
310
311 % un/kumo "cloud"
312 begintsuglyph("uni96F2";242); [see page 2833]
313   kanji.grtwo.cloud;
314   tsu_render;
315 endtsuglyph;
316
317 % den "electricity"
318 begintsuglyph("uni96FB";251); [see page 2834]
319   kanji.grtwo.electricity;
320   tsu_render;
321 endtsuglyph;
322
323 _____
324
325 endfont;
326
327 _____

```



# tsuku-97.mp

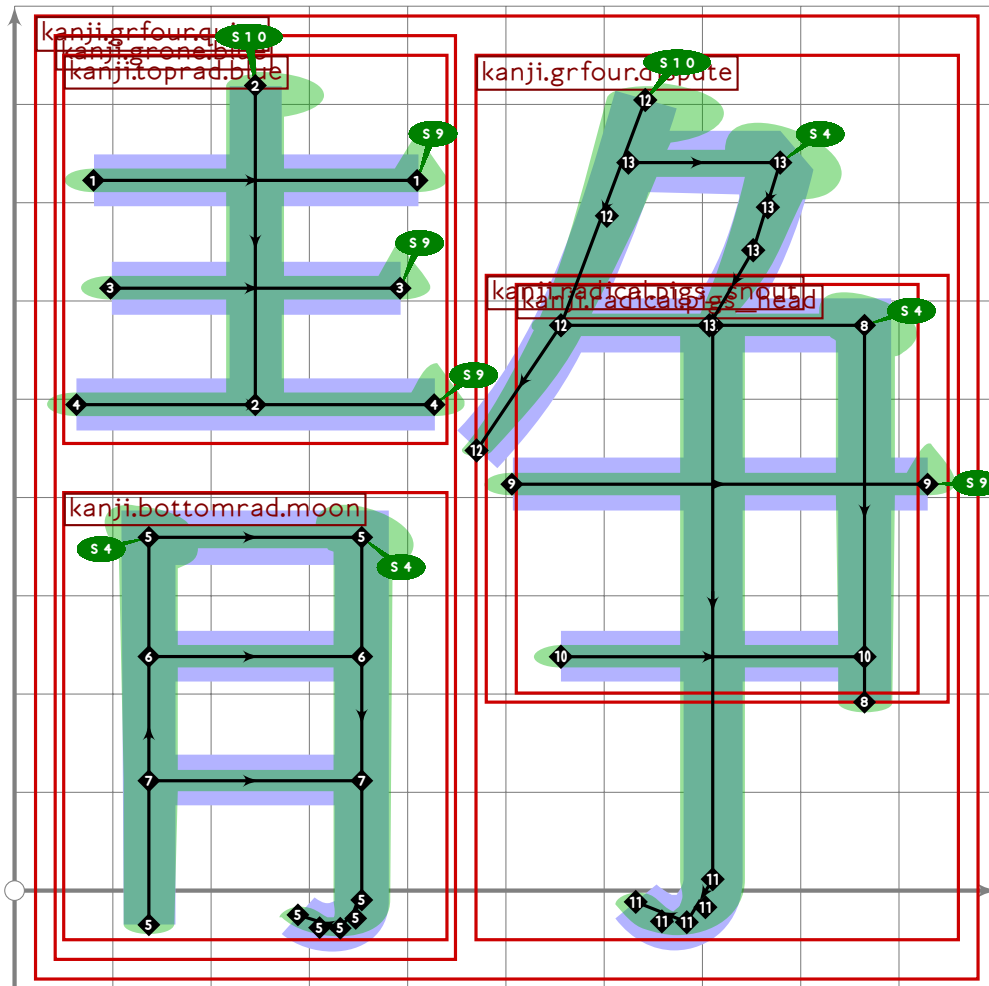
```
1 %
2 % Unicode page 97 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradeone.mp;
41 input gradethree.mp;
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 2856]

[see page 417]

```

84 endtsuglyph;
85
86 % sei/shizu "quiet"
87 begintsuglyph("uni9759";89); [see page 2857]
88   kanji.grfour.quiet;
89   tsu_render;
90 endtsuglyph;
91
92 % hi/ara "mistake"
93 begintsuglyph("uni975E";94); [see page 640]
94   kanji.grfive.mistake;
95   tsu_render;
96 endtsuglyph;
97
98 % men/omo "face"
99 begintsuglyph("uni9762";98); [see page 569]
100   kanji.grthree.face;
101   tsu_render;
102 endtsuglyph;
103
104 % oto/on "noise"
105 begintsuglyph("uni97F3";243); [see page 451]
106   kanji.grone.noise;
107   tsu_render;
108 endtsuglyph;
109
110 _____
111
112 endfont;
113
114 _____

```

# tsuku-98.mp

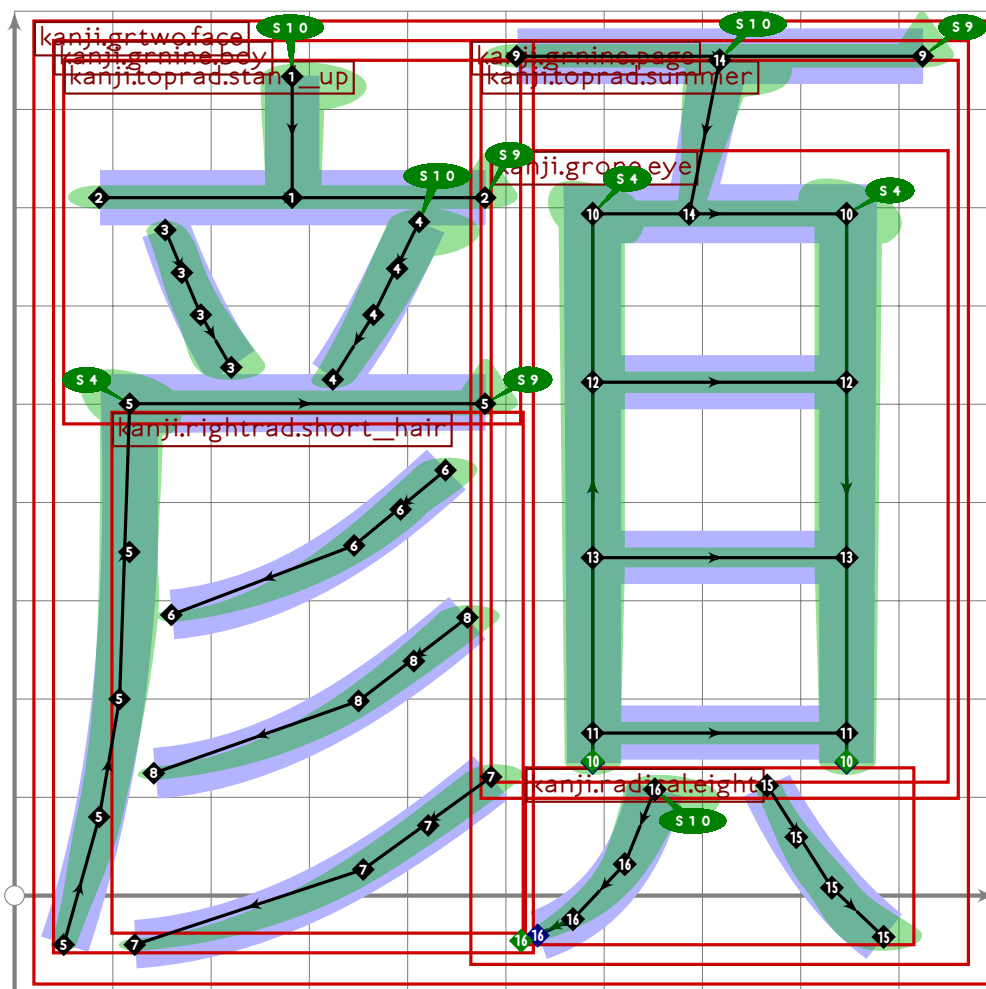
```
1 %
2 % Unicode page 98 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input 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 

---

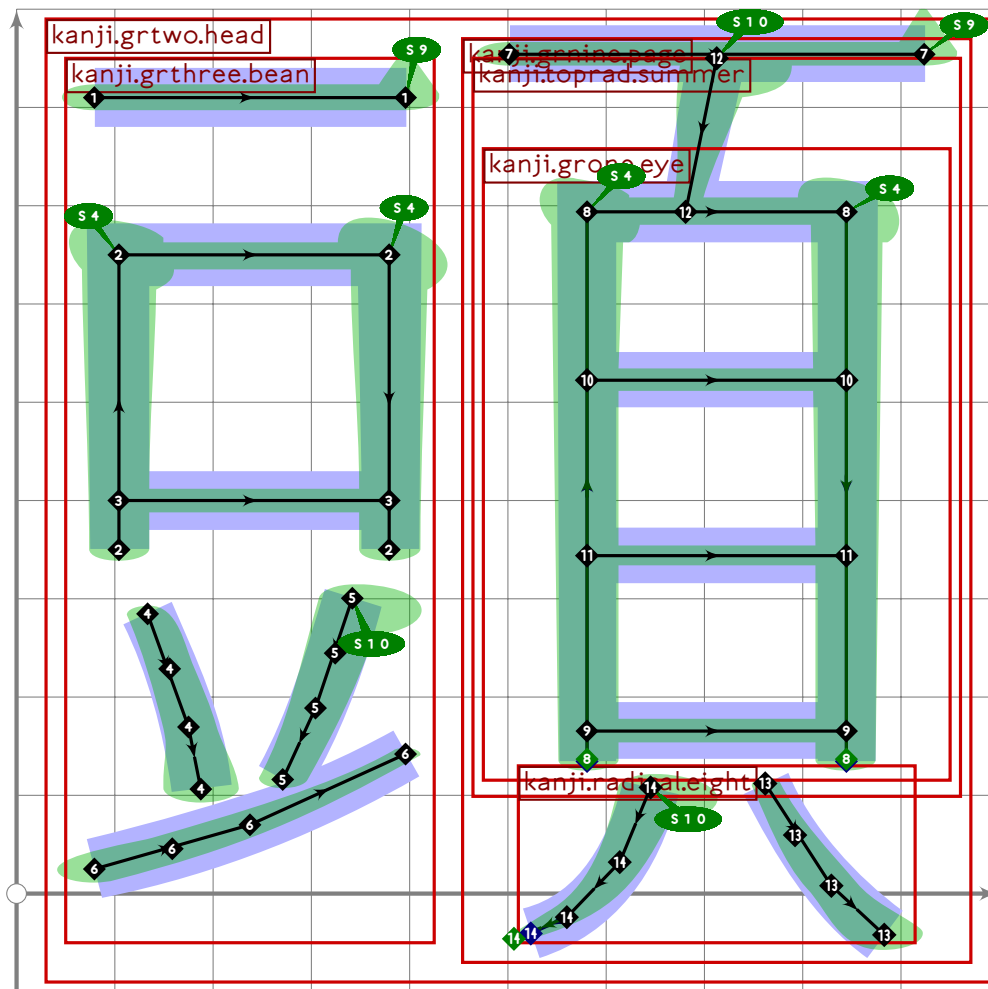

```



```

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

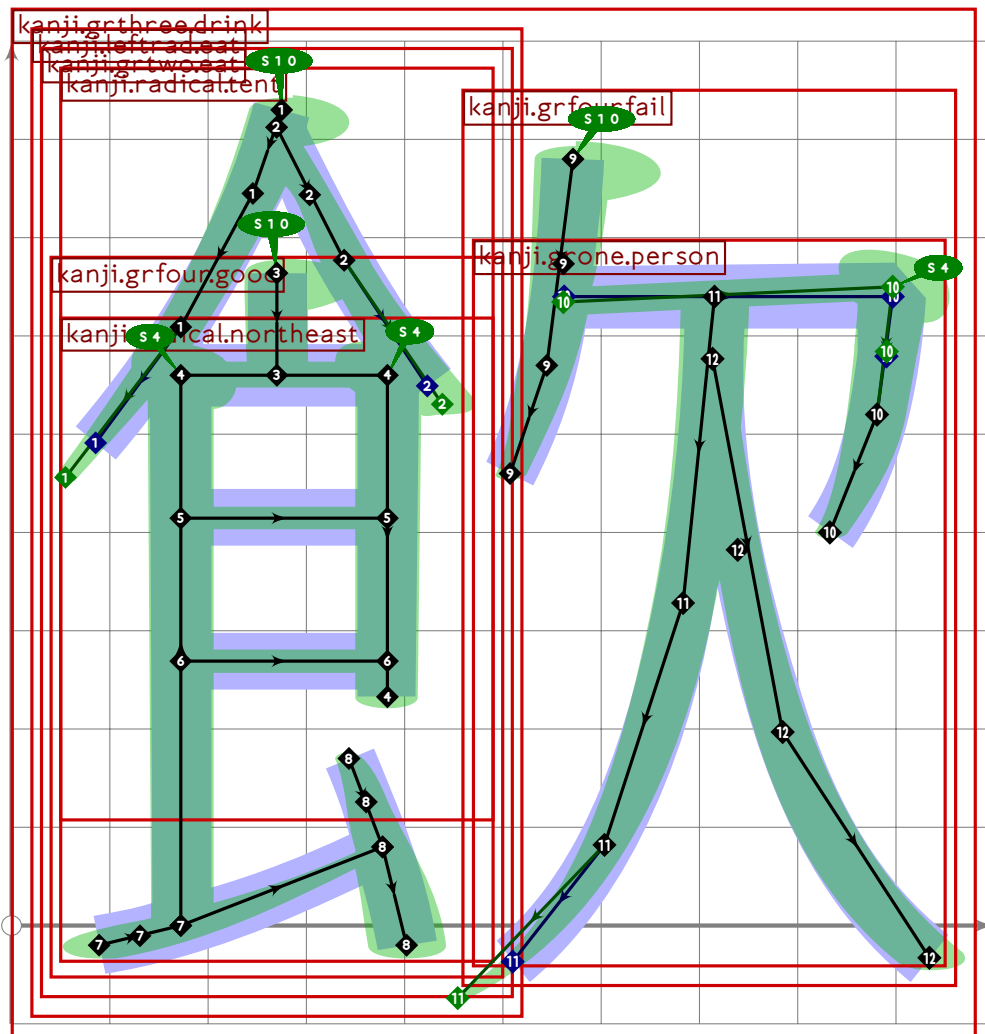
```



```

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.bean))
64     (kanji.grnine.page);
65   expand_pbox;
66 enddef;
67
68

```

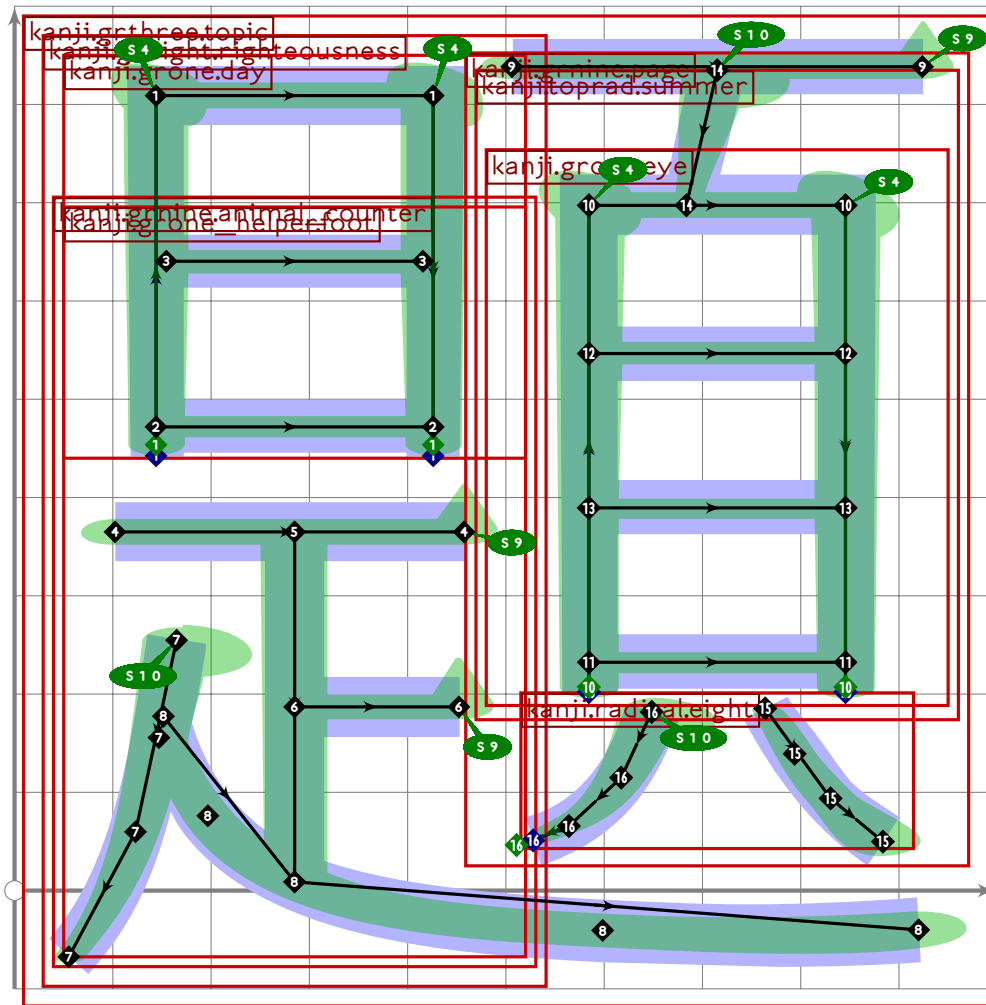


```

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;

```



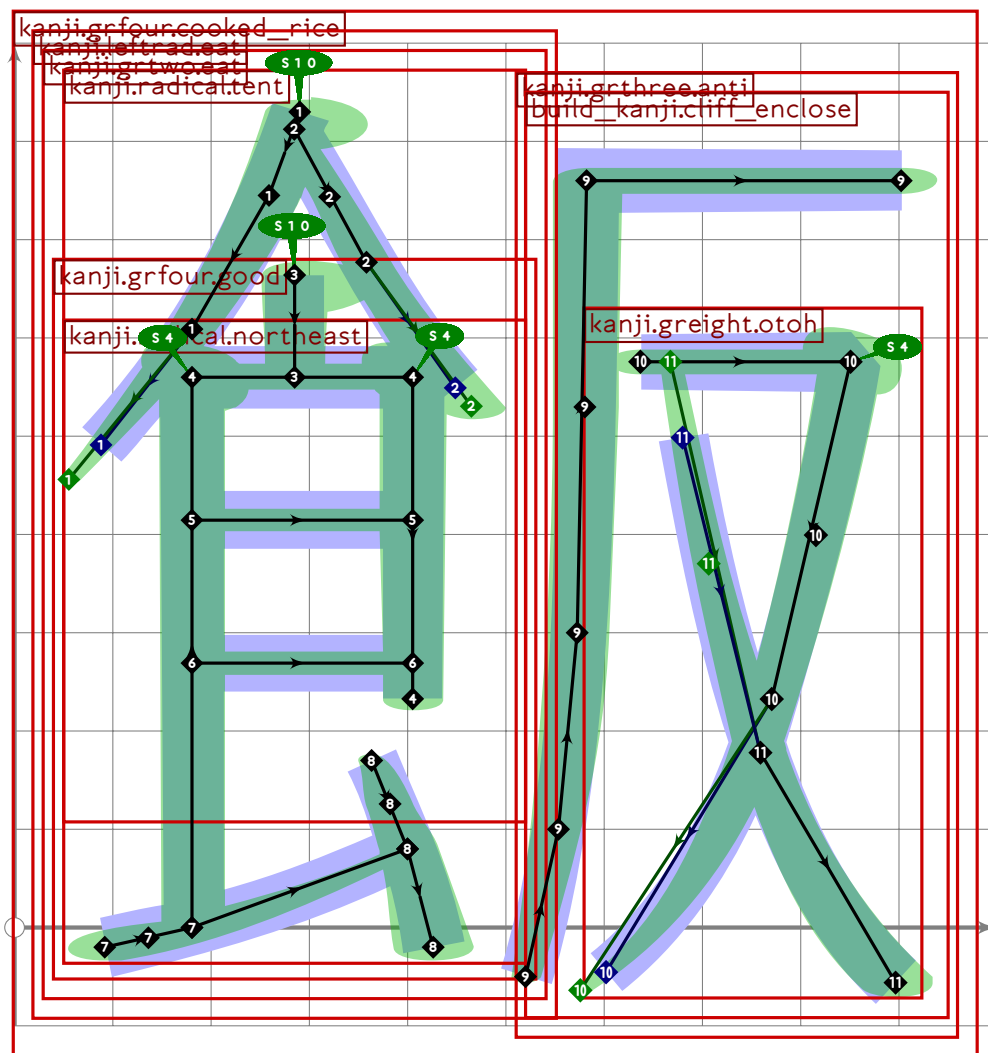


```

77
78 vardef kanji.grthreethree.topic =
79   push_pbox_toexpand("kanji.grthreethree.topic");
80   build_kanji.lr(500,40)
81   (kanji.grthreethree.topic)
82   (build_kanji.sscaled(yscaled 0.88 shifted (0,40))
83     (kanji.grnine.page));
84   replace_stroke(-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

```

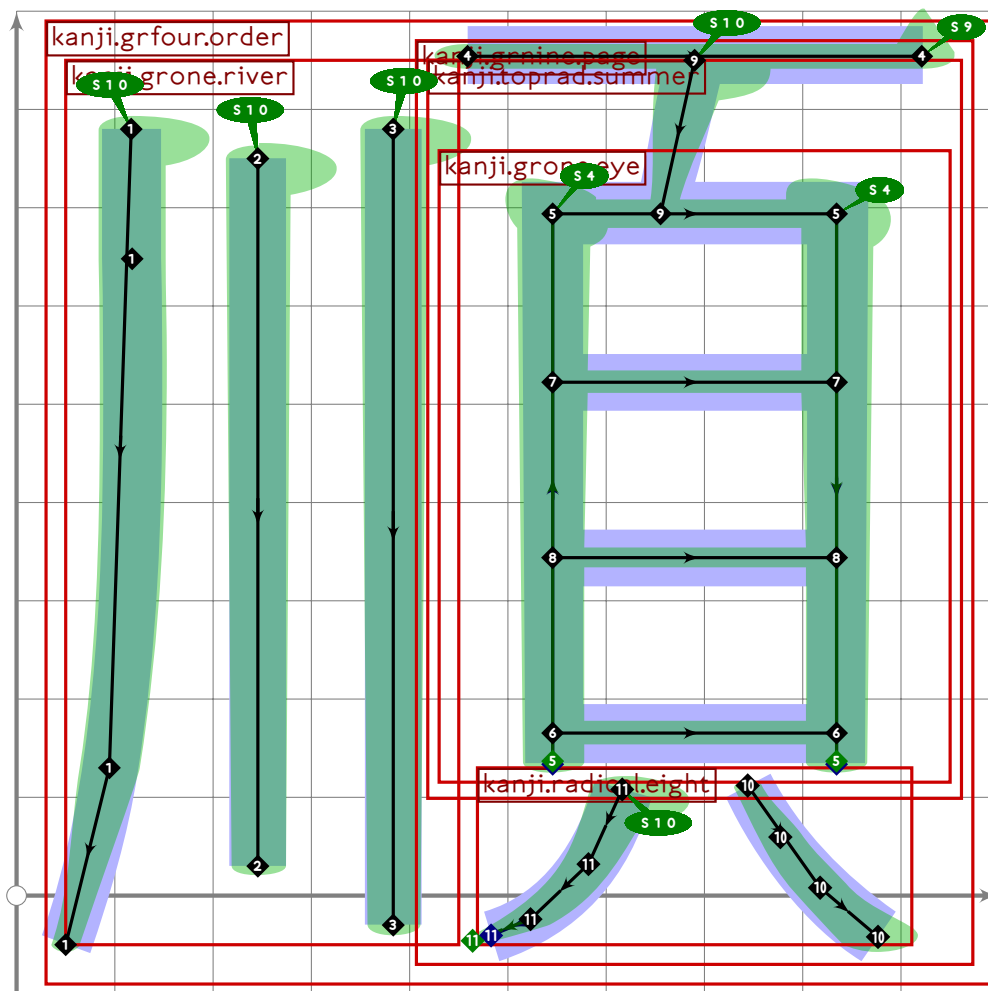
U+98EF  
tsuku.uni98EF



```

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;

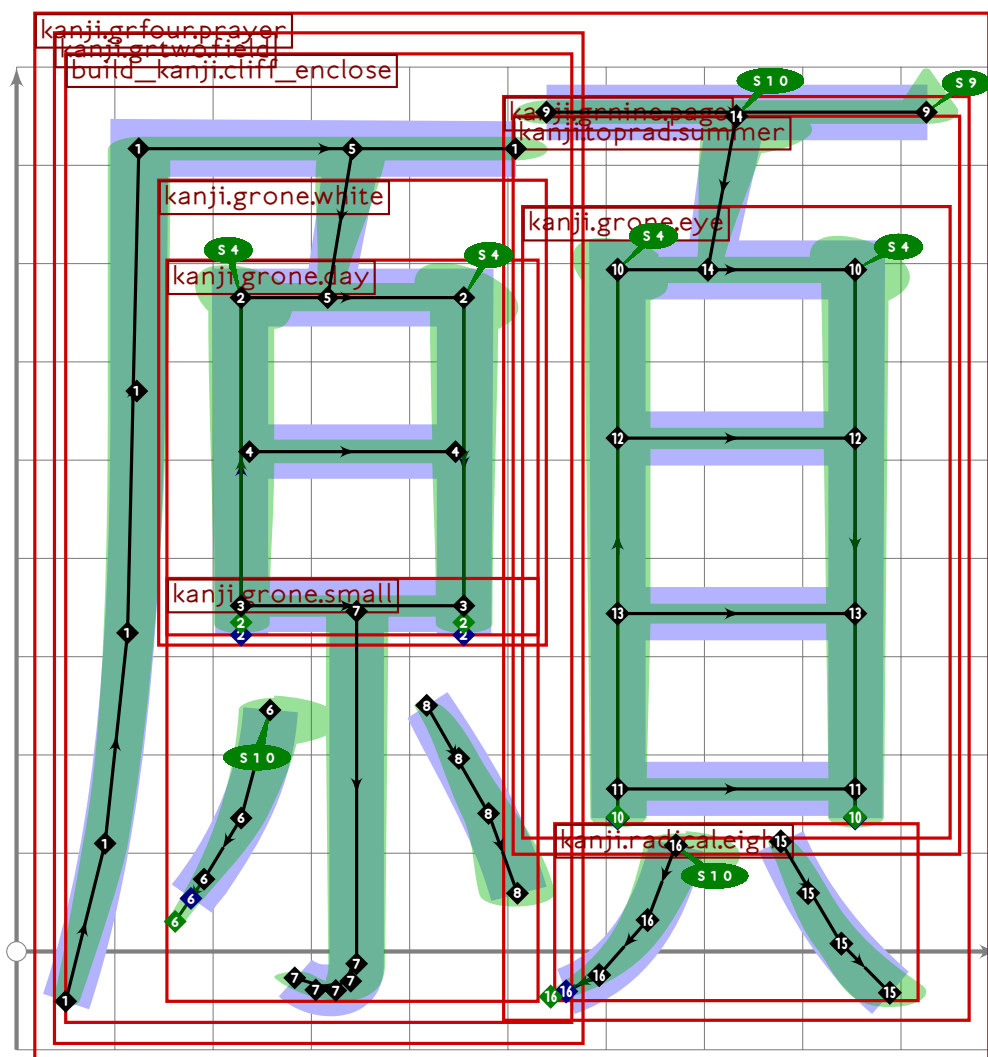
```



```

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;

```



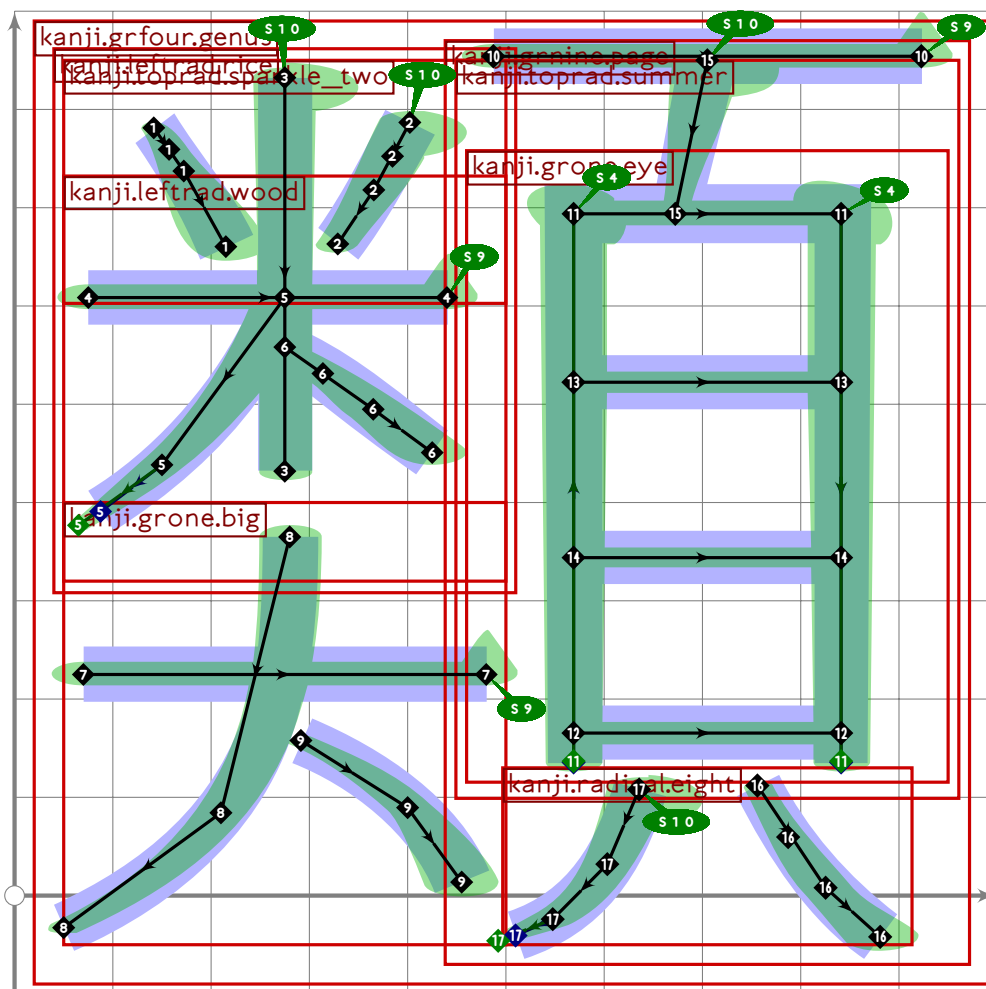
```

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 begint Suglyph("uni9801"!);
120   kanji.grnine.page;
121   tsu_render;
122 endtsuglyph;
123
124 % shun/aya "order"

```

[see page 786]

125	begintsuglyph("uni9806";6);	[see page 2865]
126	kanji.grfour.order;	
127	tsu_render;	
128	endtsuglyph;	
129		
130	% tou/atama "head"	
131	begintsuglyph("uni982D";45);	[see page 2861]
132	kanji.grtwo.head;	
133	tsu_render;	
134	endtsuglyph;	
135		
136	% dai "topic"	
137	begintsuglyph("uni984C";76);	[see page 2863]
138	kanji.grthree.topic;	
139	tsu_render;	
140	endtsuglyph;	
141		
142	% gen/kao "face"	
143	begintsuglyph("uni9854";84);	[see page 2860]
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 2866]
150	kanji.grfour.prayer;	
151	tsu_render;	
152	endtsuglyph;	
153		



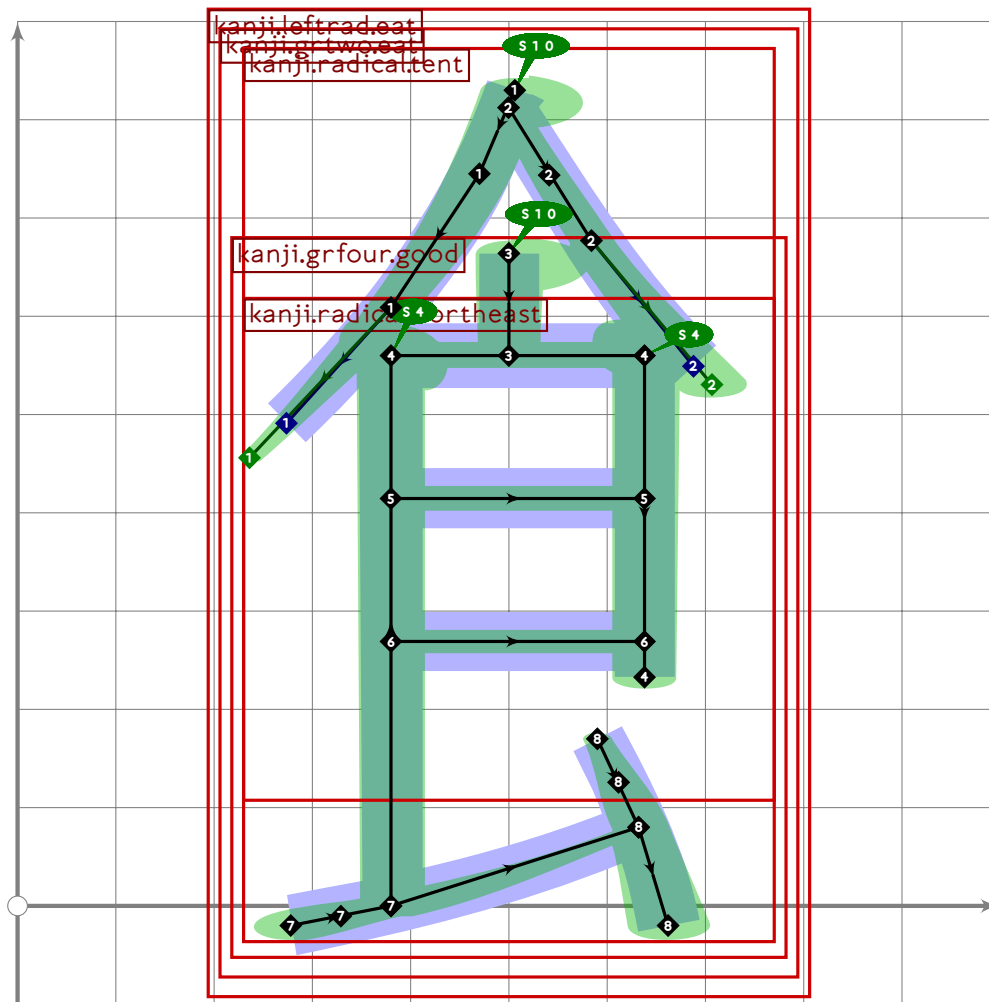
```

154 % rui/tagu "genus"
155 begintsuglyph("uni985E";94);
156 kanji.grfour.genus;
157 tsu_render;
158 endtsuglyph;
159
160 % fuu/kaze "wind"
161 begintsuglyph("uni98A8";168);
162 kanji.grtwo.wind;
163 tsu_render;
164 endtsuglyph;
165
166 % shoku/ta "eat"
167 begintsuglyph("uni98DF";223);
168 kanji.grtwo.eat;
169 tsu_render;
170 endtsuglyph;
171

```

[see page 552]

[see page 495]



```

172 % simplified "eat" for use as radical
173 begintsuglyph("uni98E0";224);
174   build_kanji.sscaled(0.6)(kanji.leftrad.eat);
175   tsu_render;
176 endtsuglyph;
177
178 % han/meshi "cooked rice"
179 begintsuglyph("uni98EF";239);
180   kanji.grfour.cooked_rice;
181   tsu_render;
182 endtsuglyph;
183
184 % in/no "drink"
185 begintsuglyph("uni98F2";242);
186   kanji.grthree.drink;
187   tsu_render;
188 endtsuglyph;
189
190
191
192 endfont;

```

[see page 2864]

[see page 2862]

193

194

---



# tsuku-99.mp

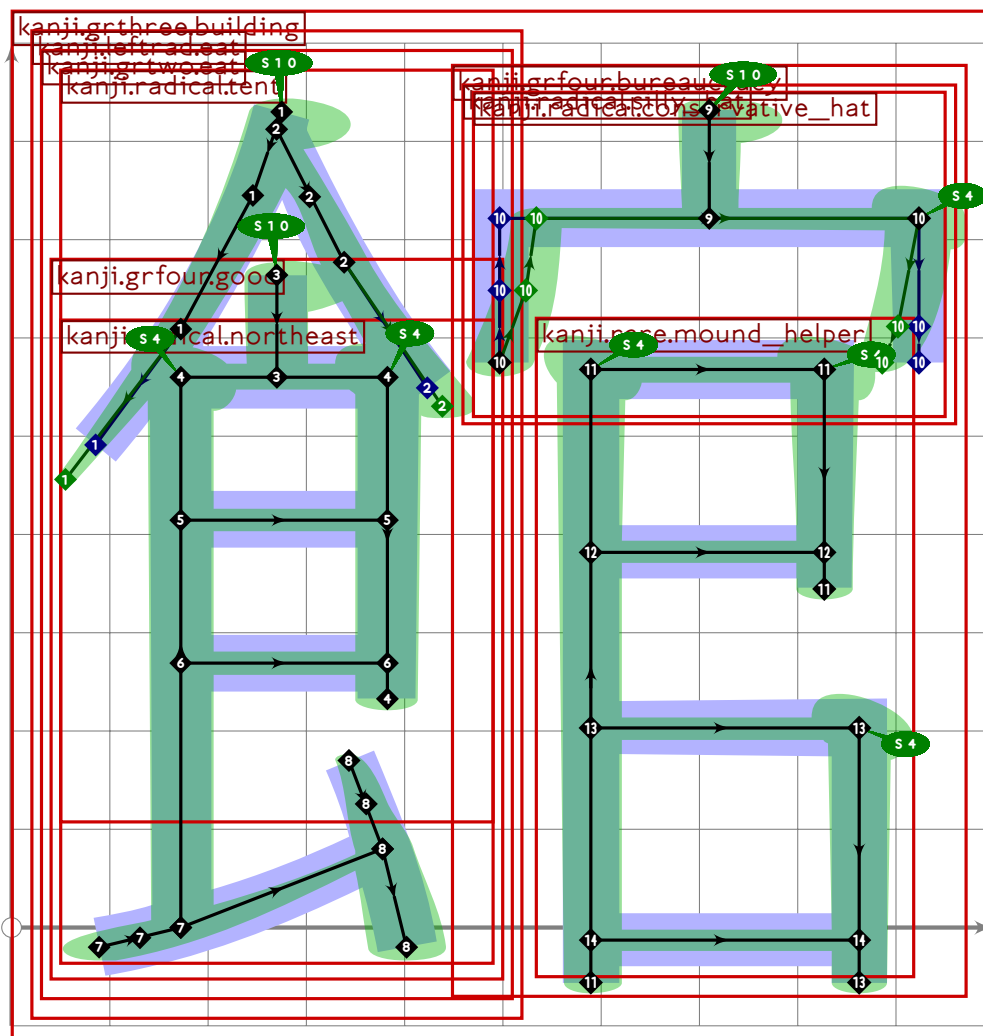
```
1 %
2 % Unicode page 99 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

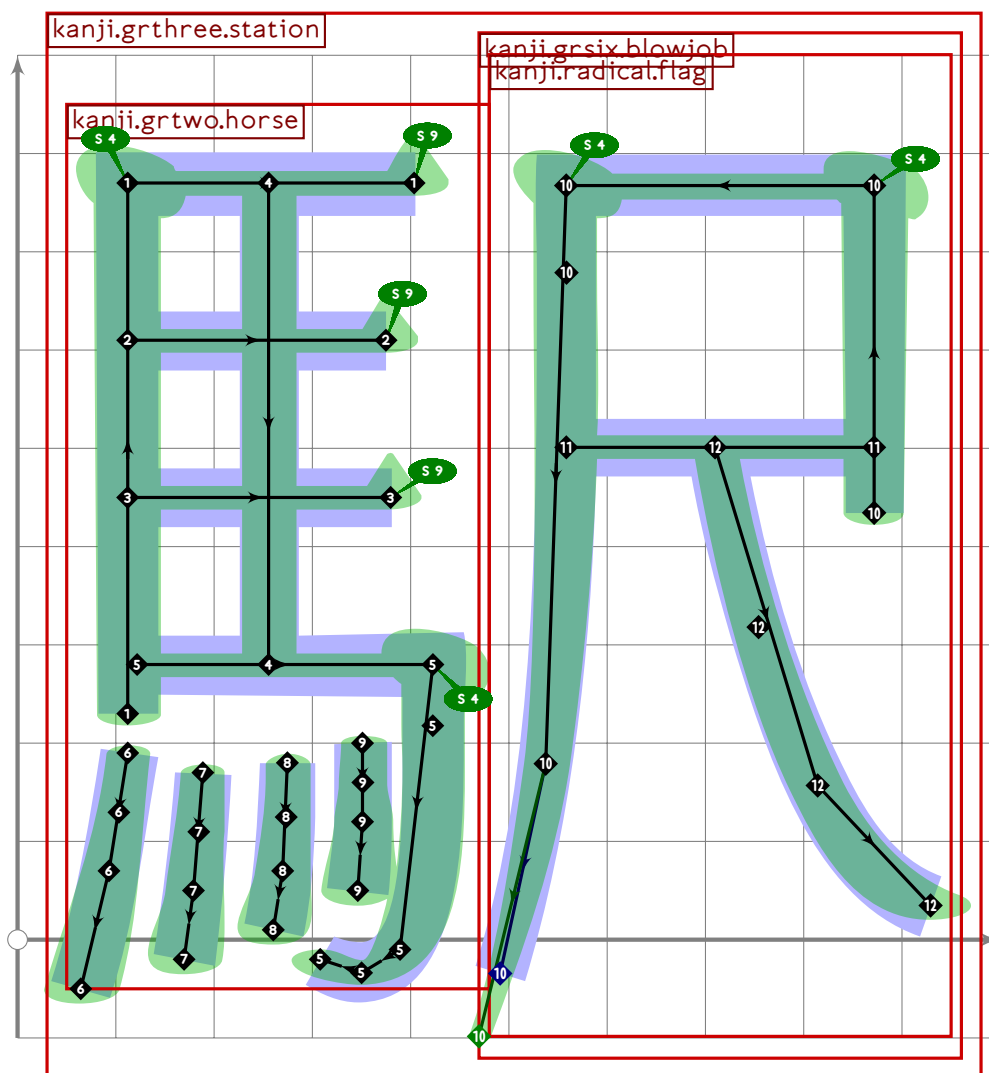

```



```

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 2872]

```

76 begintsuglyph("uni9996";150); [see page 527]
77   kanji.grtwo.neck;
78   tsu_render;
79 endtsuglyph;
80
81 % ba/uma "horse"
82 begintsuglyph("uni99AC";172); [see page 511]
83   kanji.grtwo.horse;
84   tsu_render;
85 endtsuglyph;
86
87 % eki "station"
88 begintsuglyph("uni99C5";197); [see page 2873]
89   kanji.grthree.station;
90   tsu_render;
91 endtsuglyph;
92
93 _____
94
95 endfont;
96
97 _____

```

# 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
```

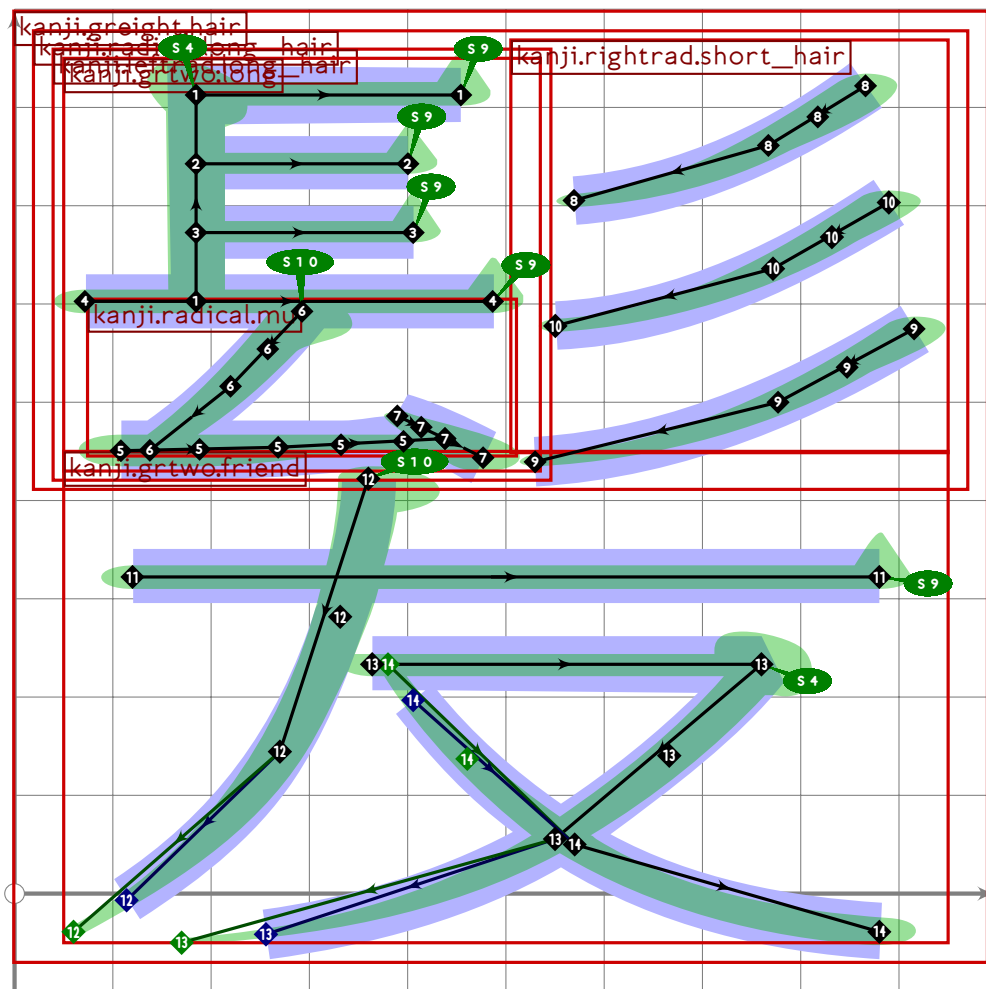
```
47 do_late_includes;
```

```
48
```

```
49
```

---

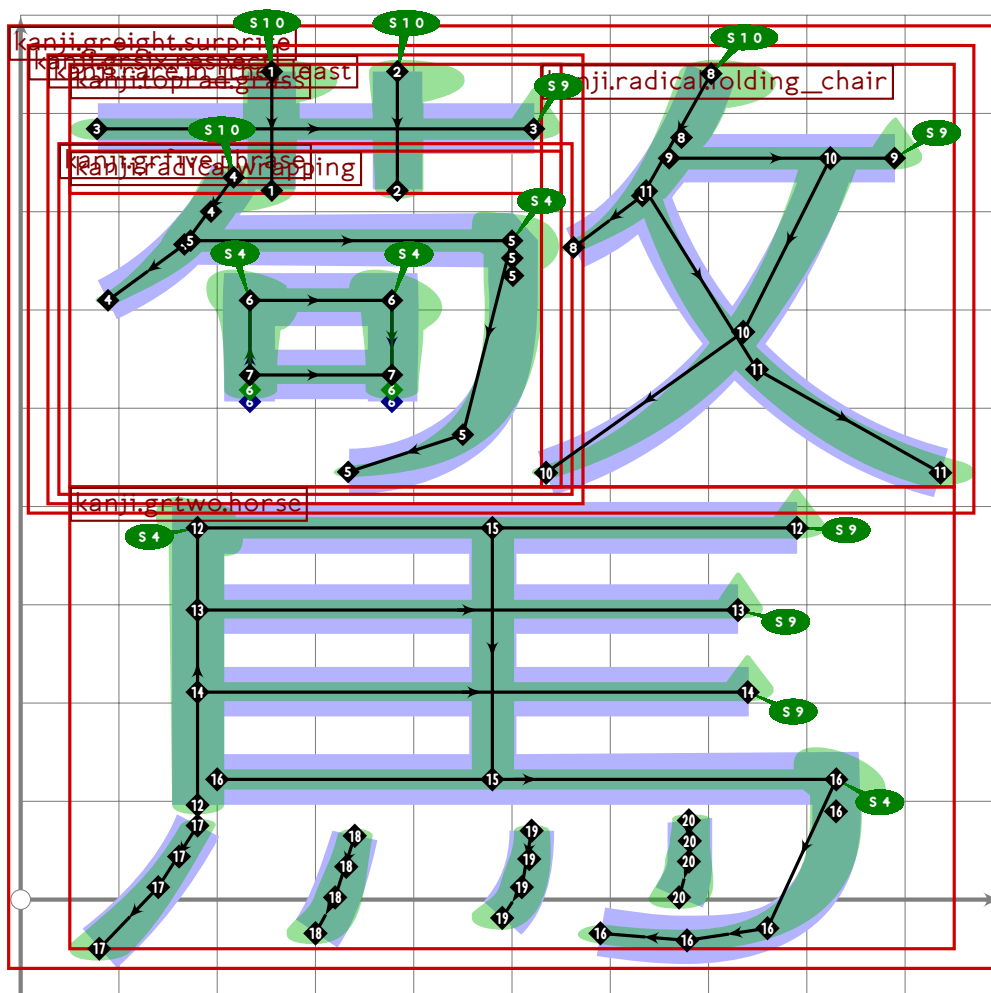
U+9AEA  
tsuku.uni9AEA



```

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 2877]

[see page 509]

```

79 endtsuglyph;
80
81 % hyuu/kamigashira "long hair radical"
82 begintsuglyph("uni9ADF";223); [see page 692]
83   kanji.radical.long_hair;
84   tsu_render;
85 endtsuglyph;
86
87 % hatsu/kami "hair of the head"
88 begintsuglyph("uni9AEA";234); [see page 2876]
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 502]
47   kanji.grtwo.fish;
48   tsu_render;
49 endtsuglyph;
50
51 

---


52
53 endfont;
54
55 

---

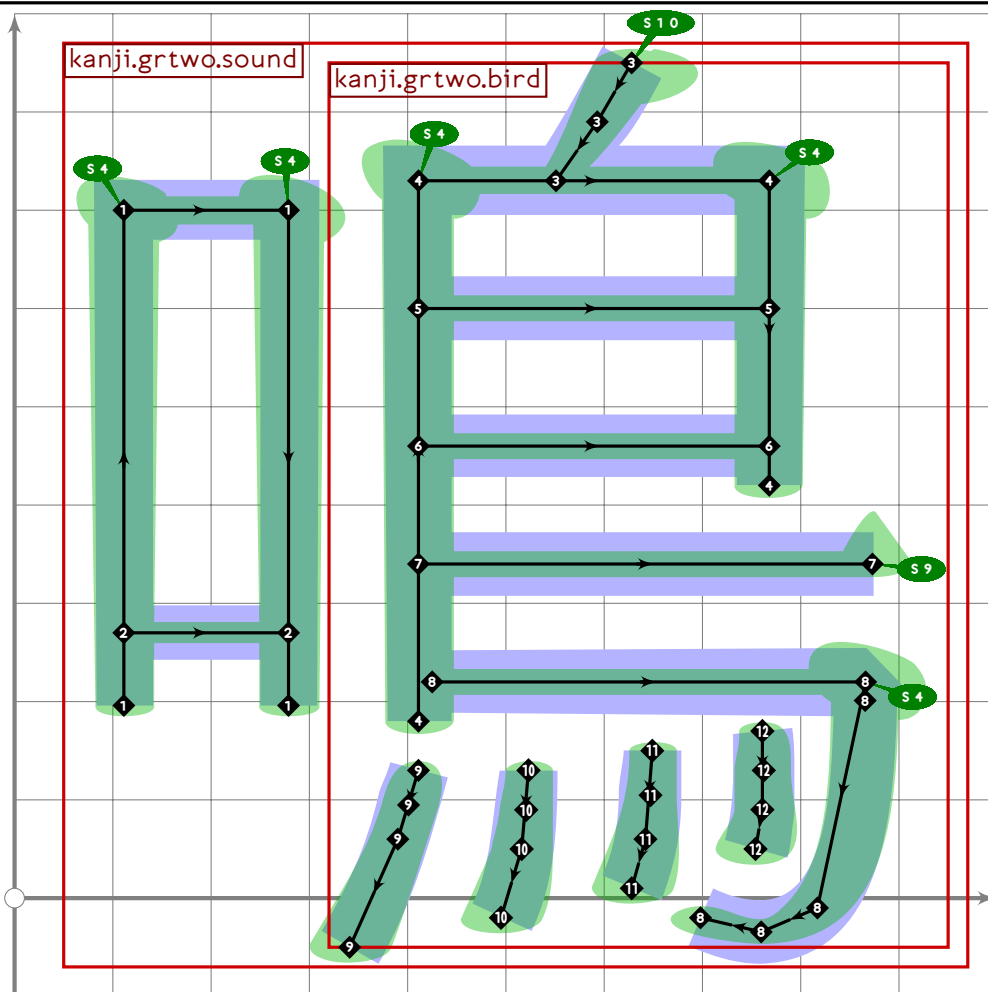

```

# 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

```



9C

```

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 483]
56  kanji.grtwo.bird;
57  tsu_render;
58 endtsuglyph;
59
60 % mei/na "sound"
61 begintsuglyph("uni9CF4";244); [see page 2880]
62  kanji.grtwo.sound;
63  tsu_render;
64 endtsuglyph;
65
66 

---


67
68 endfont;
69
70 

---



```

# tsuku-9e.mp

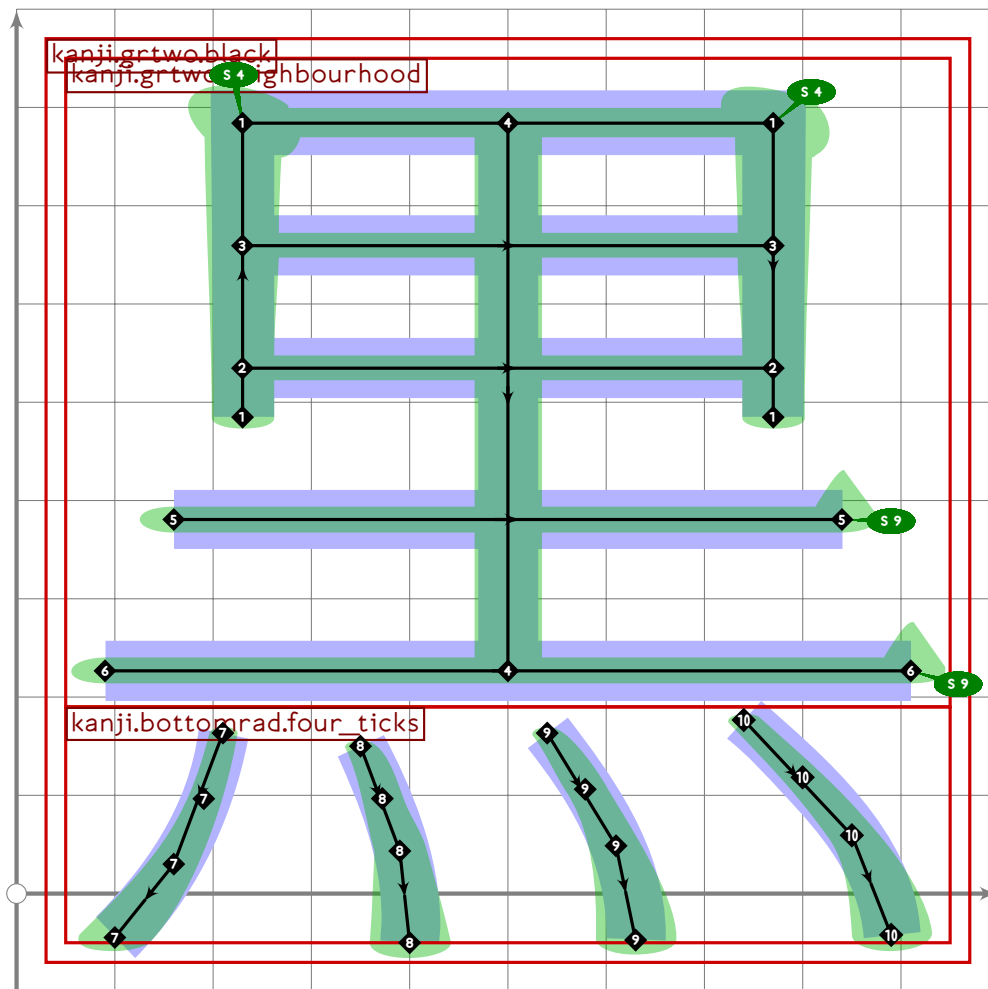
```
1 %
2 % Unicode page 9E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 550]

[see page 555]

```
68 endtsuglyph;
69
70 % koku/kuro "black"
71 begintsuglyph("uni9ED2",210); [see page 2883]
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 

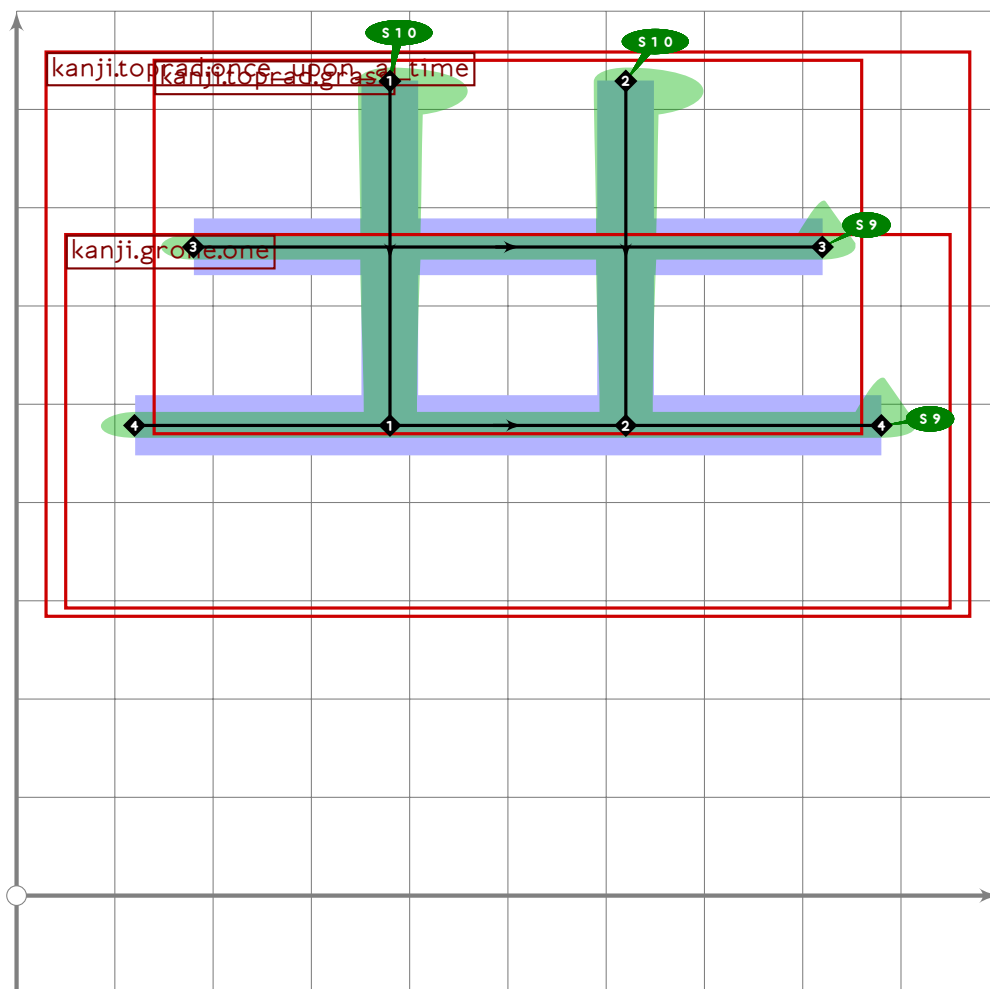
---


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 584]
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