

作りましょう 0.8

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 0.8

Parametric Font Family
Proofs and pretty-printed
source code

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2013年8月26日

August 26, 2013

Proofs and pretty-printed source code for Tsukurimashou
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tsuku-9c.mp **9C**

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

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


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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input bkencl.mp;
```

```
37 input bottomrad.mp;
```

```
38 input buildkanji.mp;
```

```
39 input gradeeight.mp;
```

```
40 input gradefive.mp;
```

```
41 input gradefour.mp;
```

```
42 input gradenine.mp;
```

```
43 input gradeone.mp;
```

```
44 input gradesix.mp;
```

```
45 input gradethree.mp;
```

```
46 input gradetwo.mp;
```

```
47 input leftrad.mp;
```

```
48 input radical.mp;
```

```
49 input rare.mp;
```

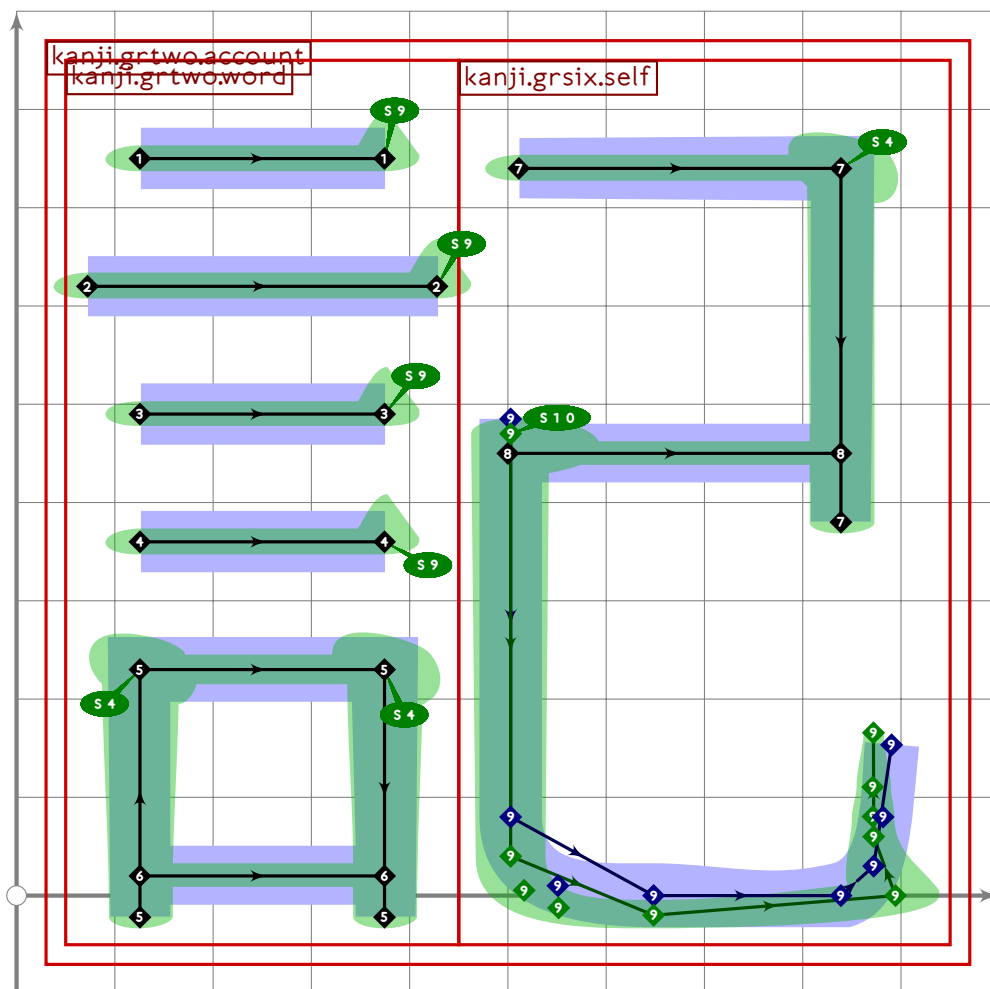
```
50 input toprad.mp;
```

```
51
```

```
52 do_late_includes;
```

```
53
```

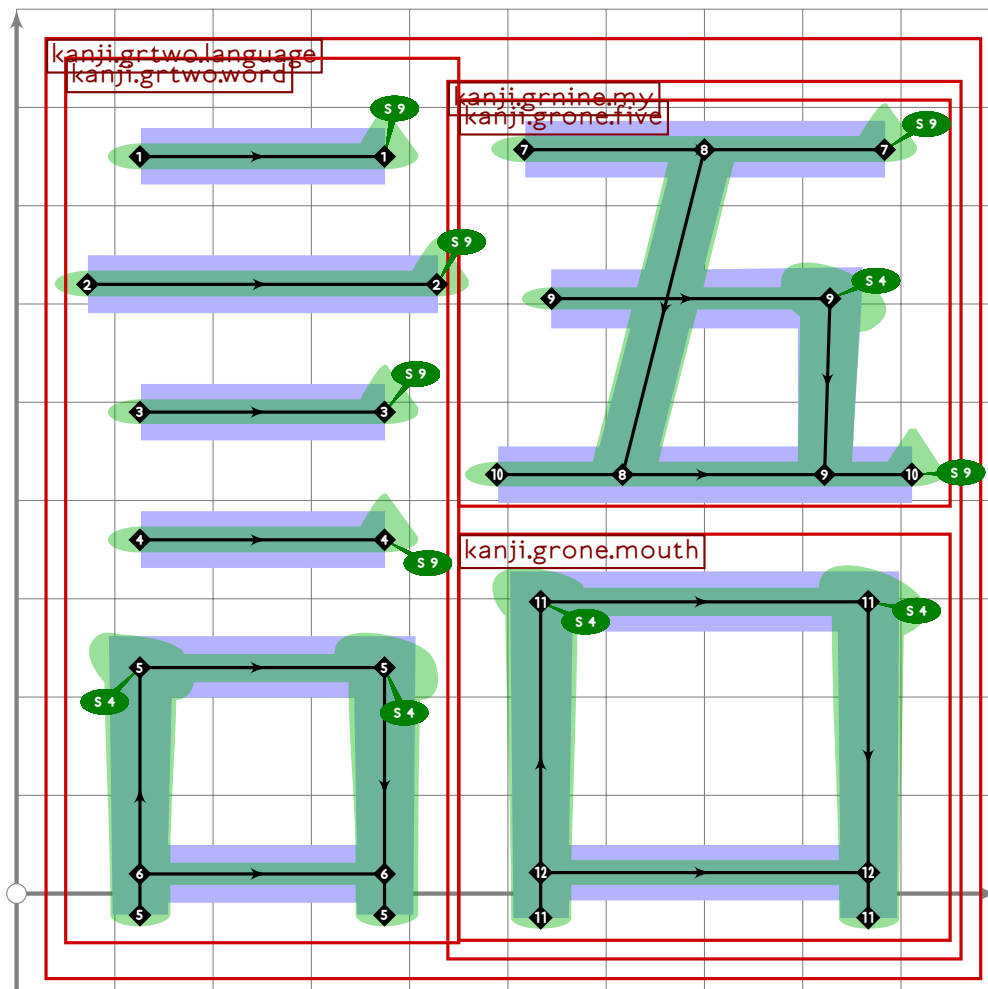
```
54
```



```

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

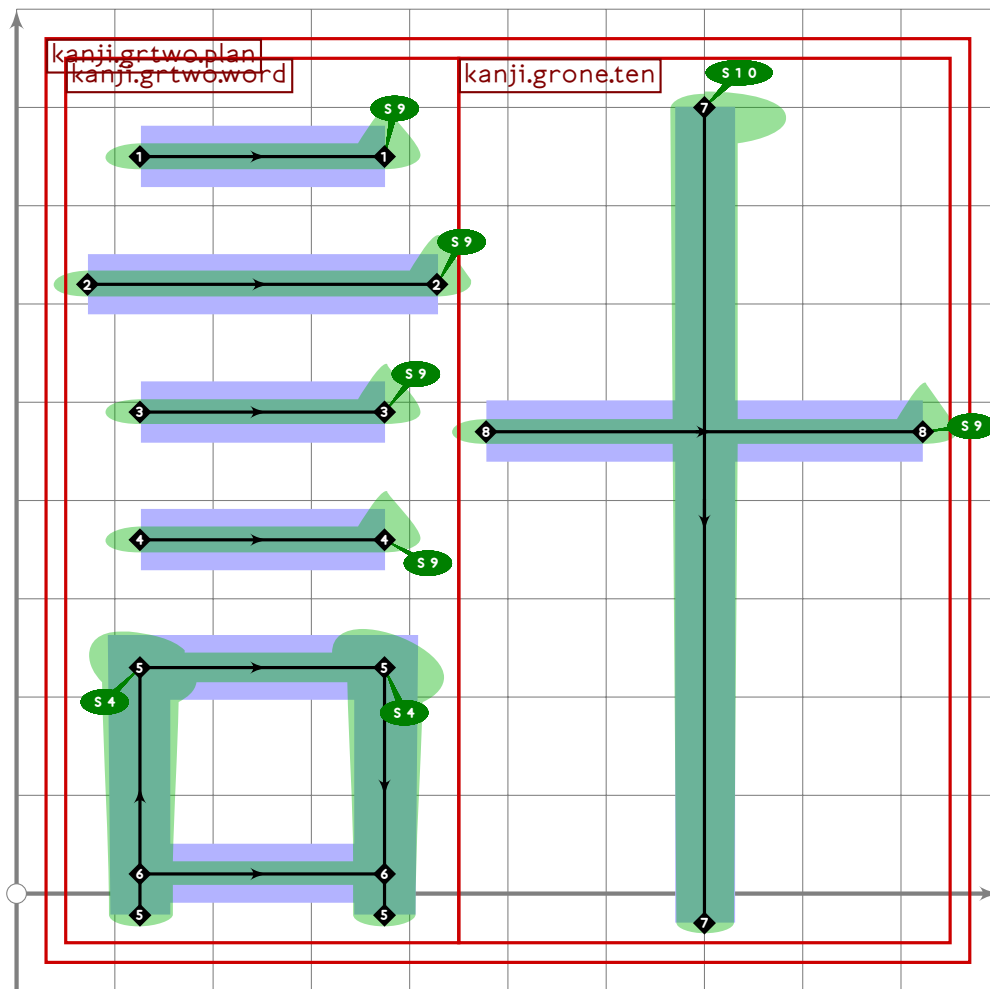
```

```

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

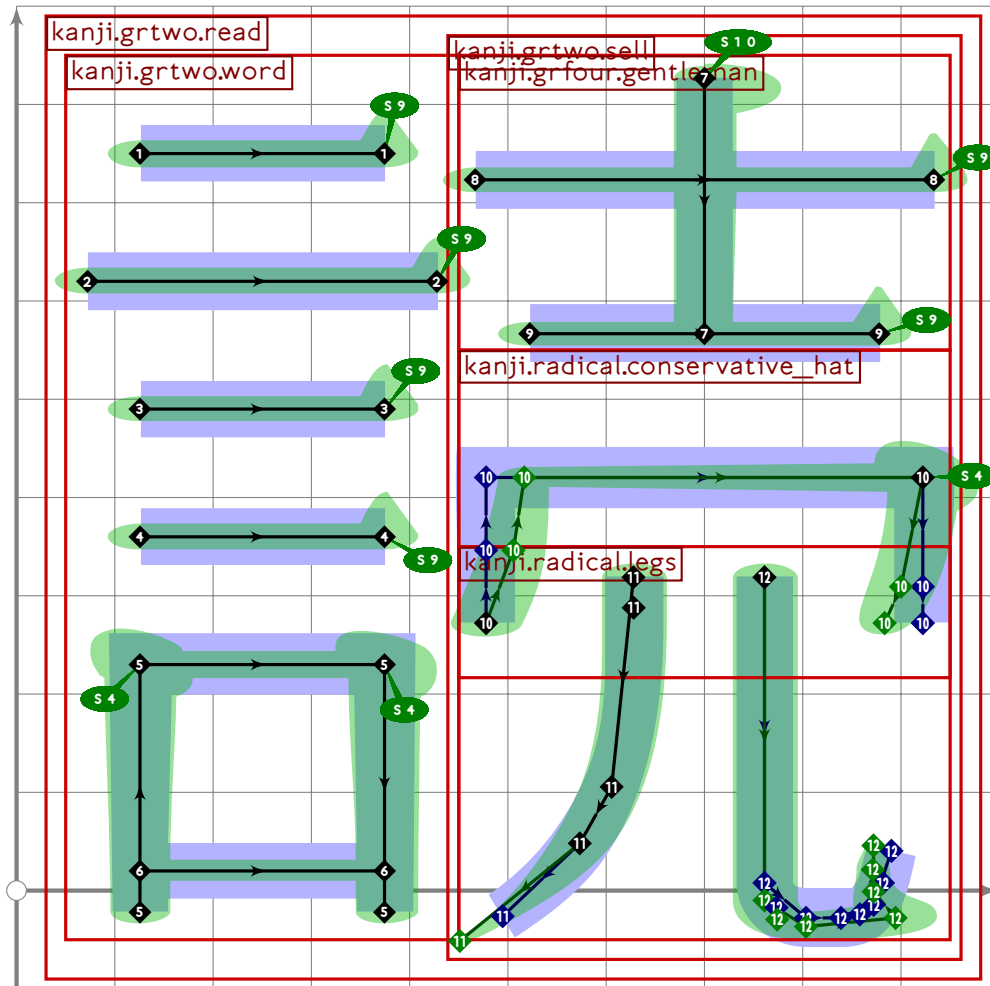
```



```

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

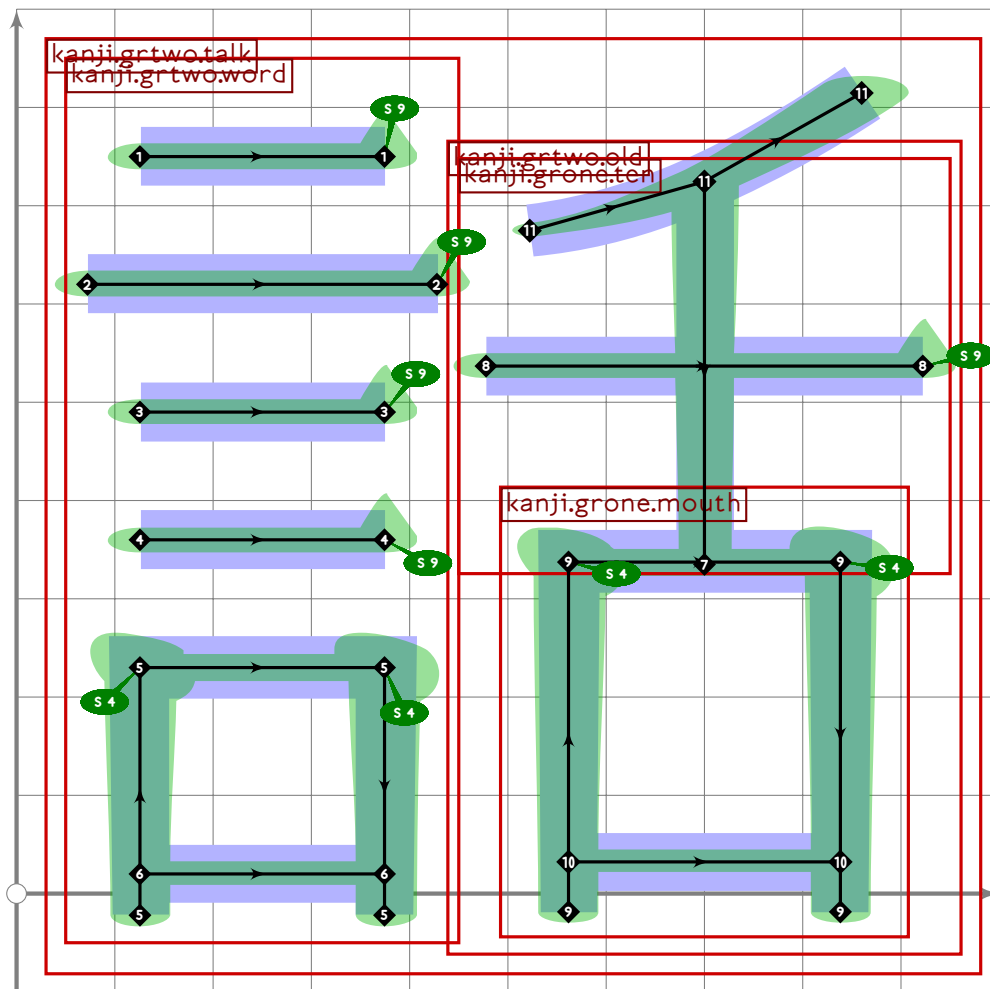
```



```

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

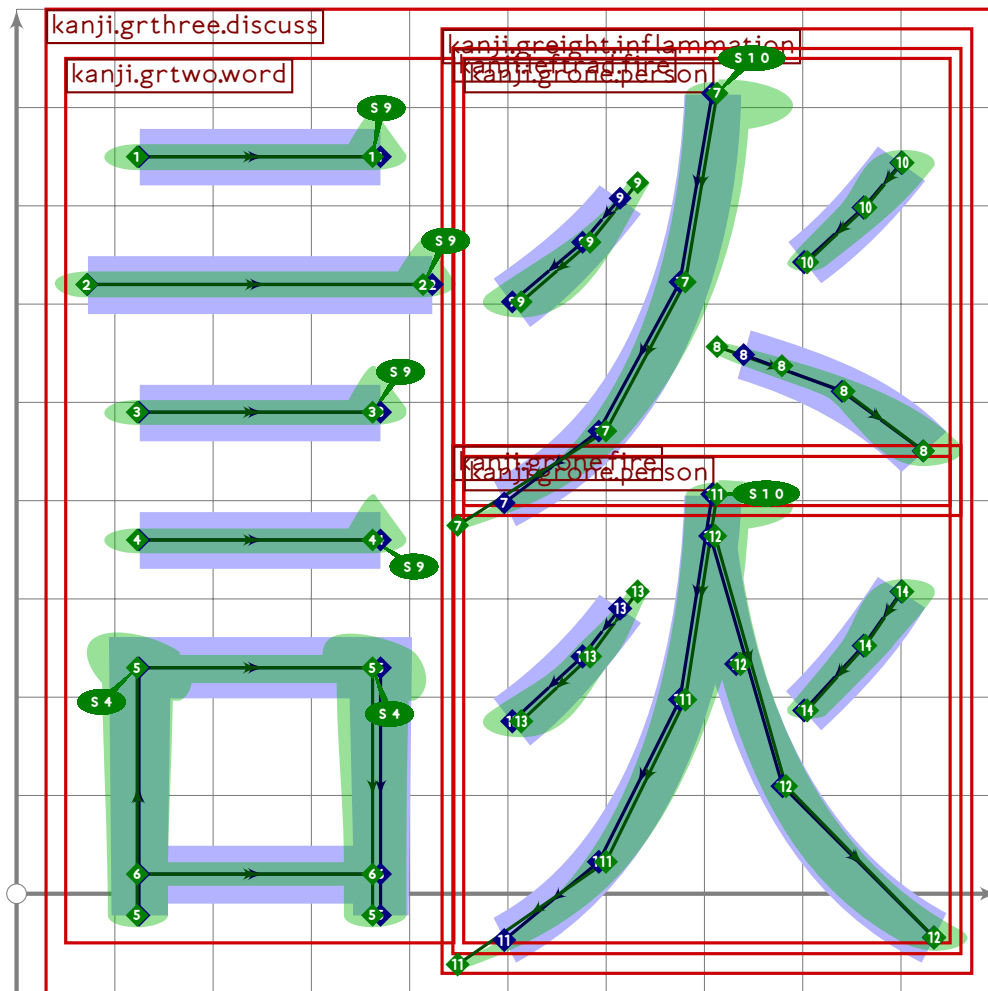
```



```

89
90 vardef kanji.grtwo.talk =
91   push_pbox_toexpand("kanji.grtwo.talk");
92   build_kanji.level(build_kanji.lr(450,0)
93     (kanji.grtwo.word)
94     (build_kanji.add_beret(tsu_xform(identity yscaled 0.88)
95       (kanji.grtwo.old))));
96   expand_pbox;
97 enddef;
98
99

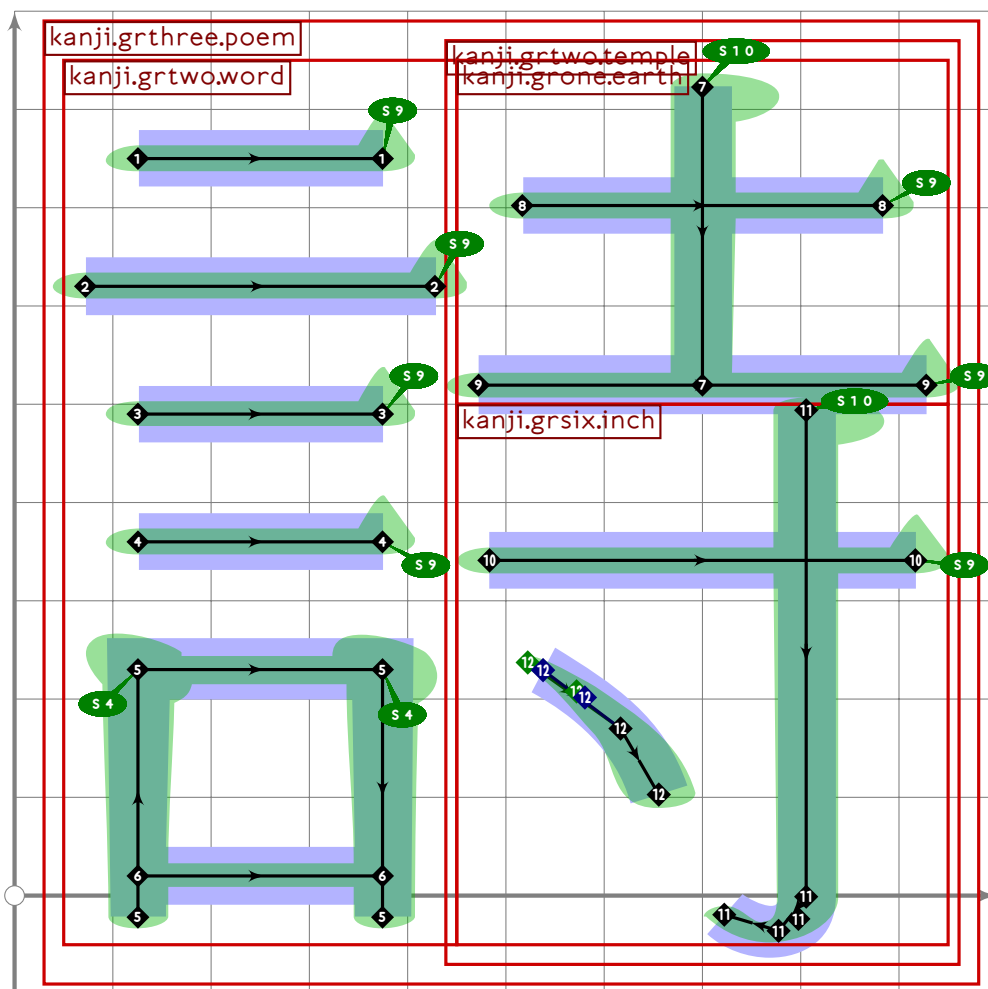
```



```

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

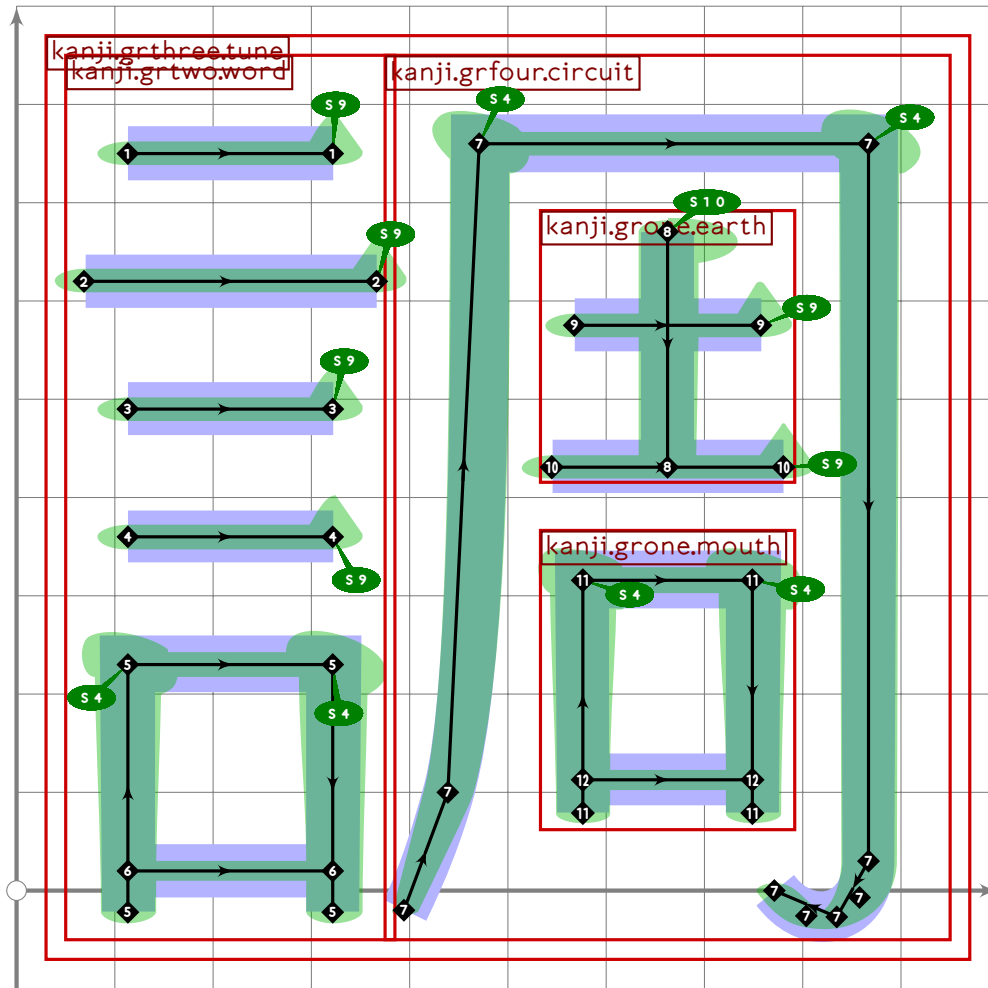
```



```

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

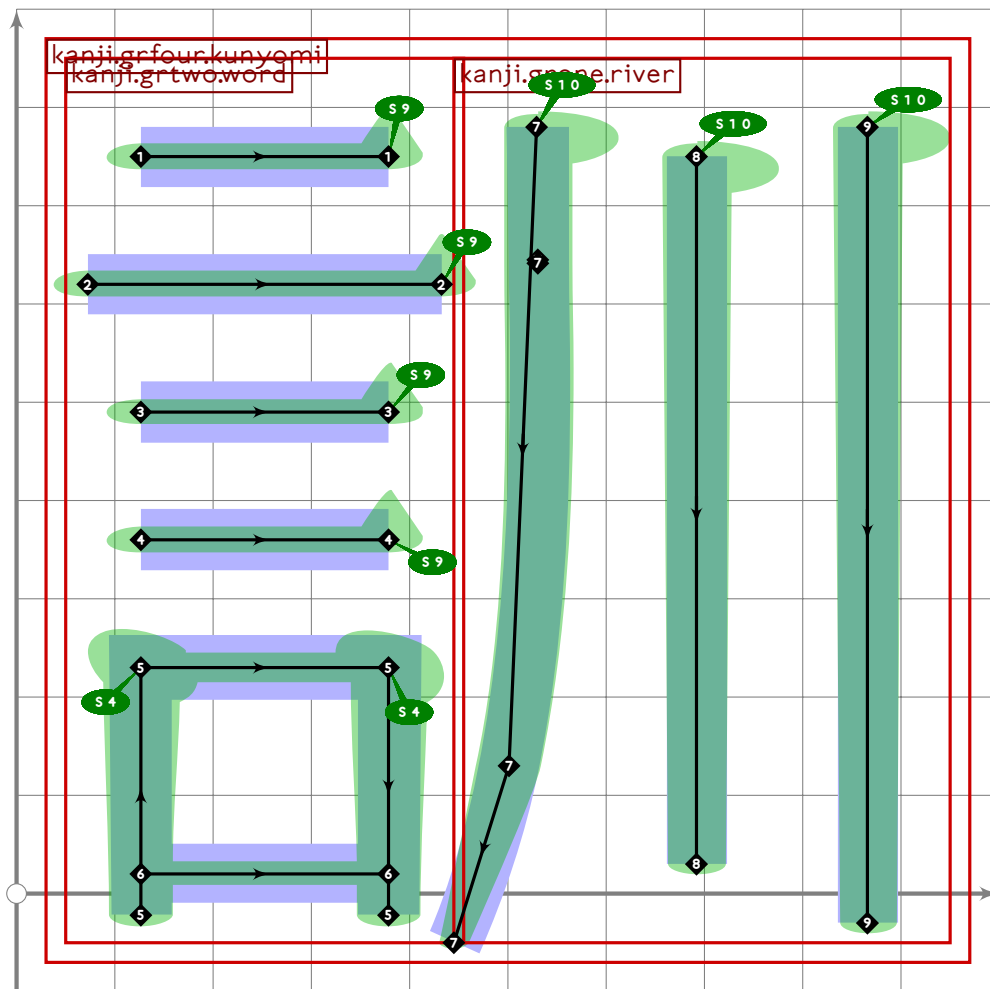
```



```

116
117 vardef kanji.grthree.tune =
118   push_pbox_toexpand("kanji.grthree.tune");
119   build_kanji.level(build_kanji.lr(380,10)
120     (kanji.grtwo.word)
121     (kanji.grfour.circuit));
122   expand_pbox;
123 enddef;
124
125

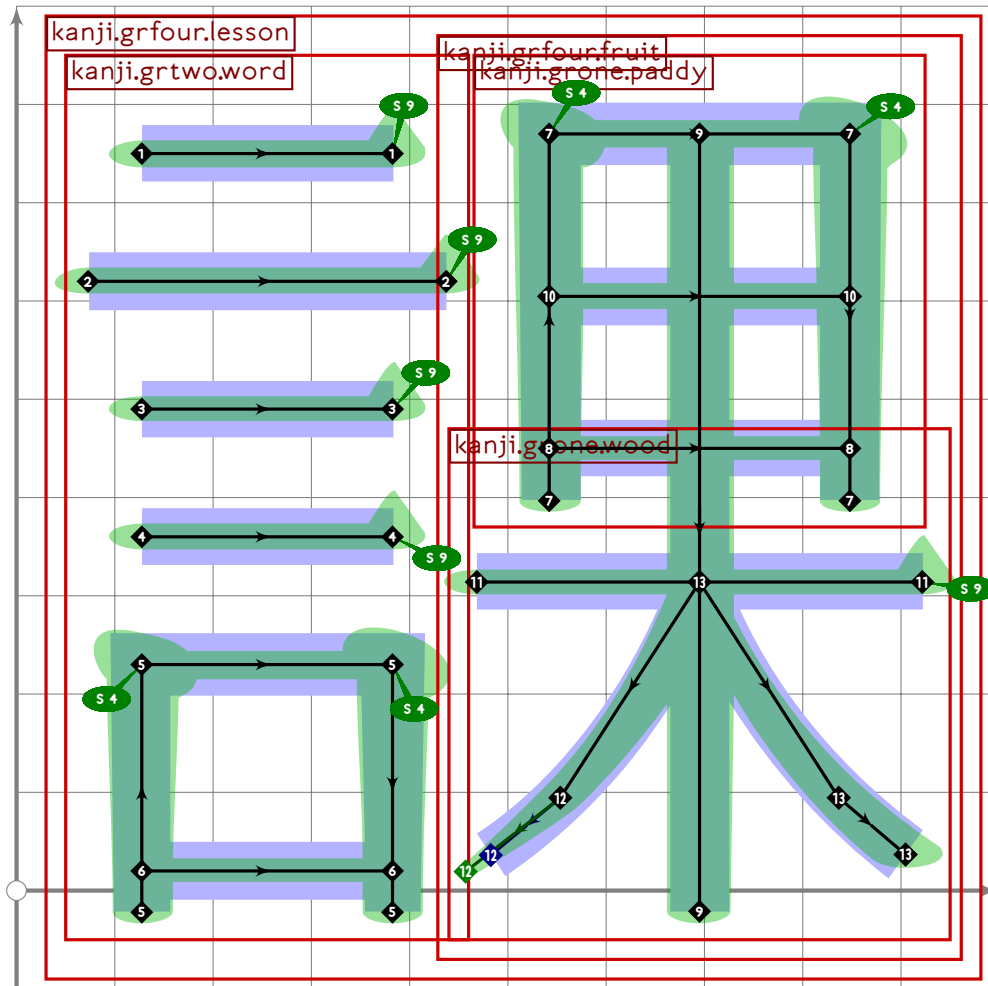
```



```

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

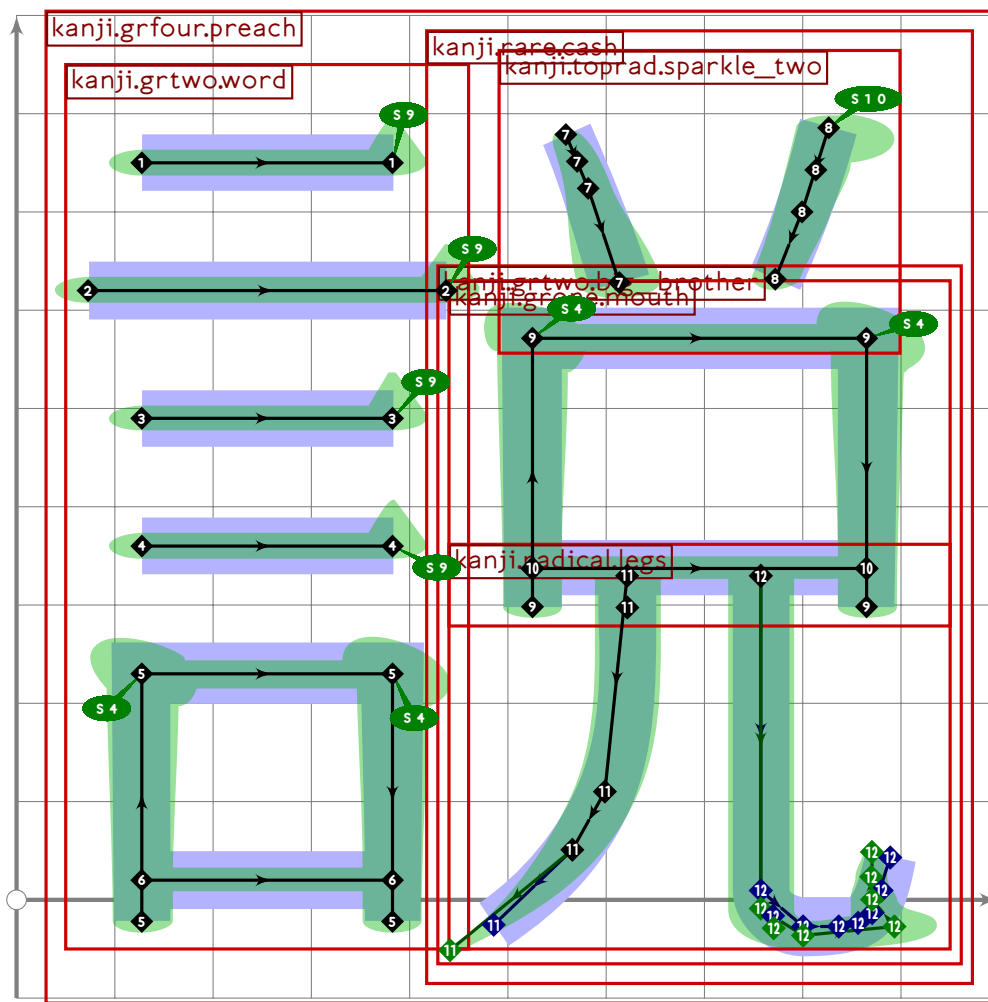
```

```

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

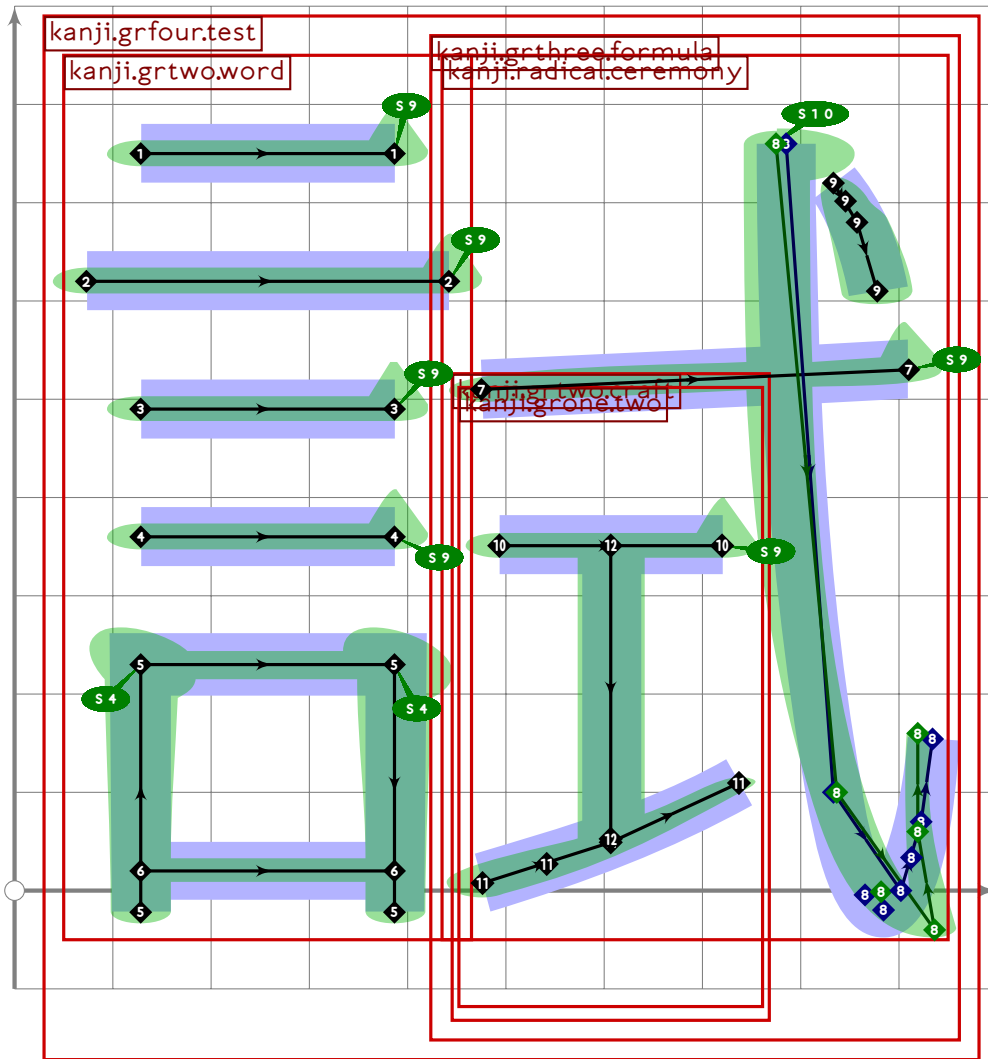
```



```

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

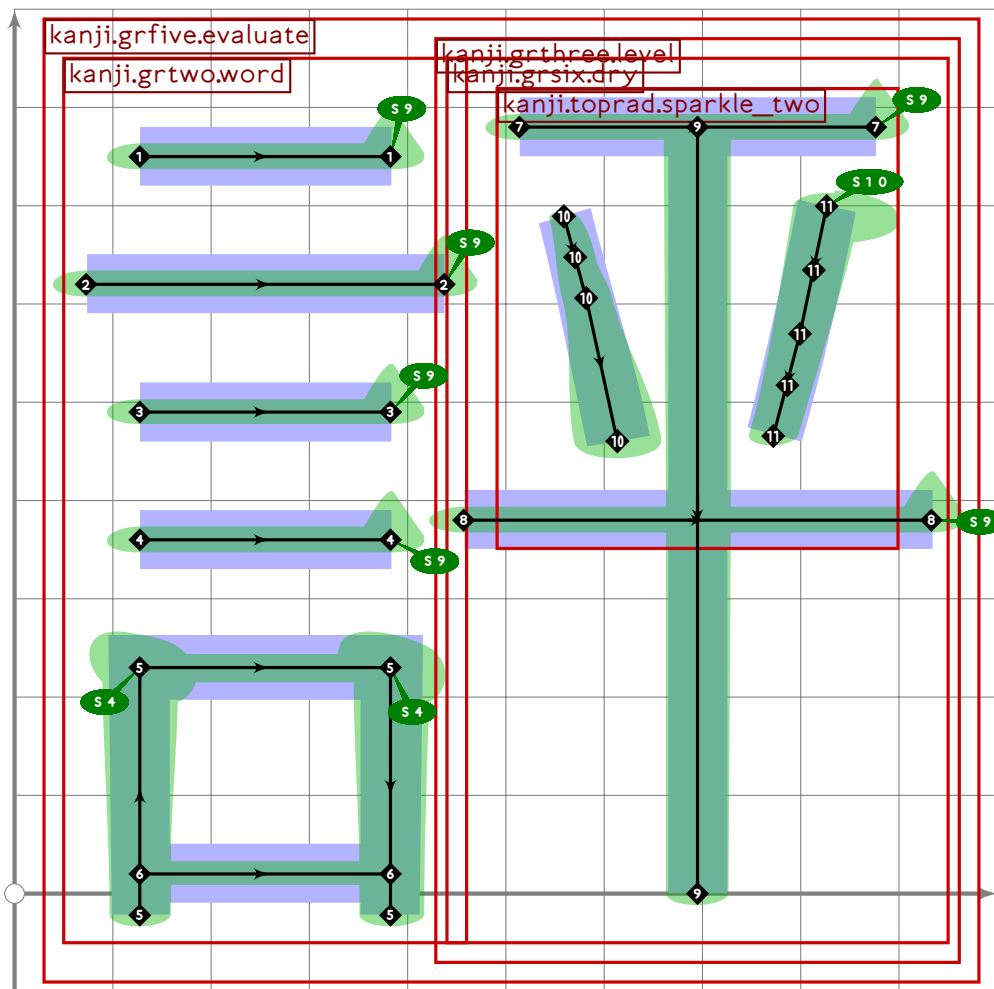
```



```

150
151 vardef kanji.grfour.test =
152   push_pbox_toexpand("kanji.grfour.test");
153   build_kanji.level(build_kanji.lr(450,30)
154     (kanji.grtwo.word)
155     (kanji.grthree.formula));
156   expand_pbox;
157 enddef;
158
159

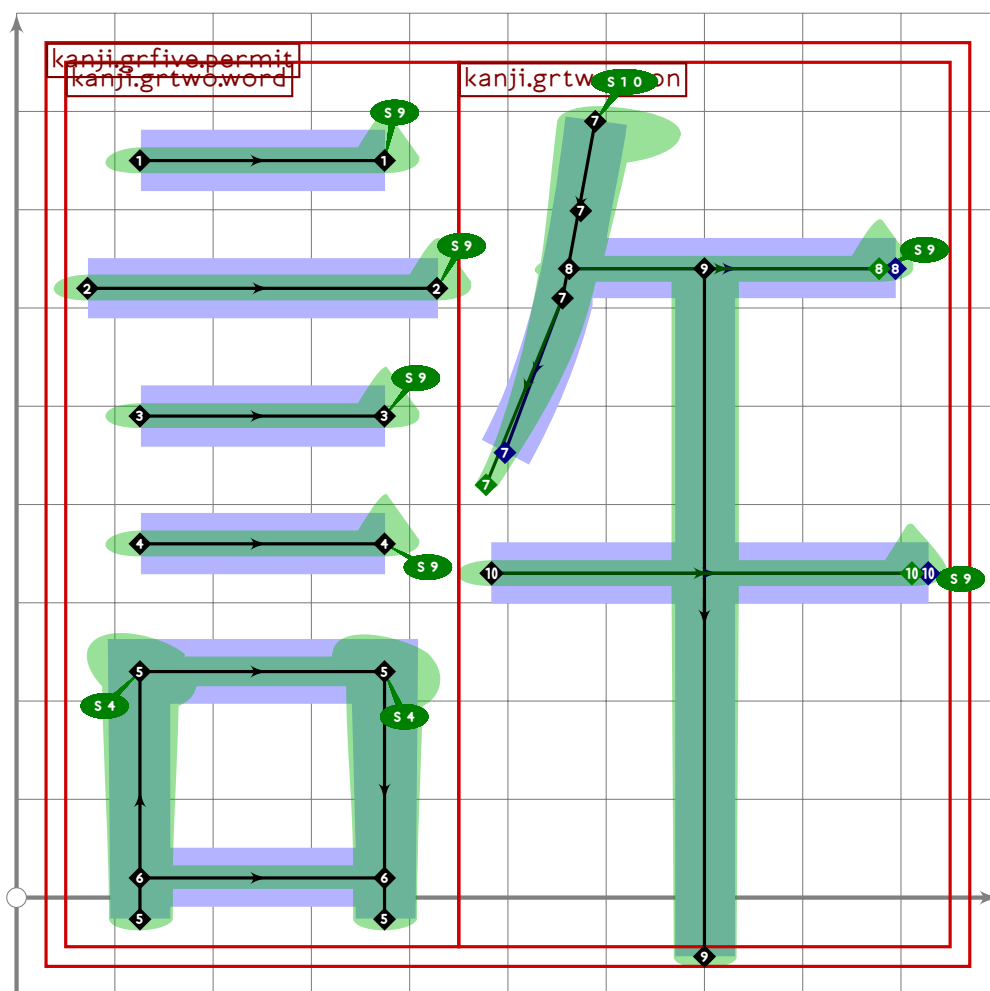
```



```

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

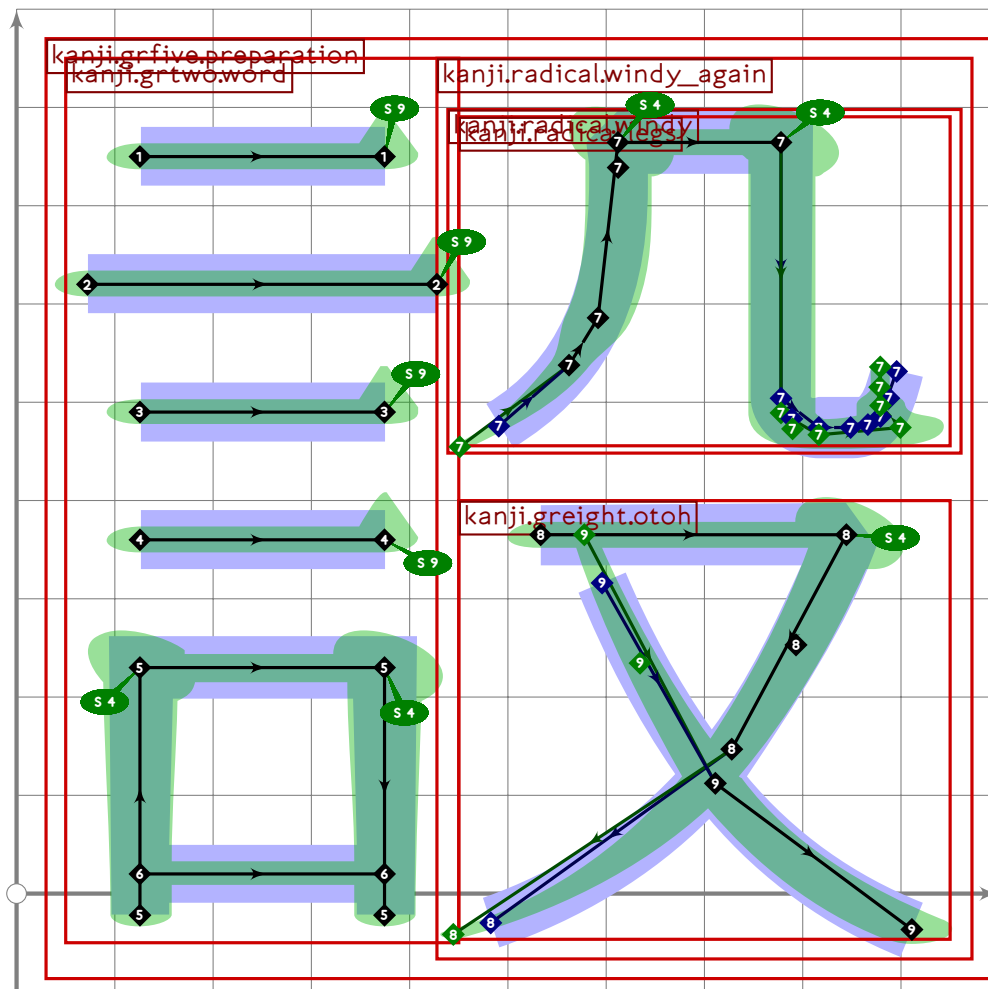
```



```

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

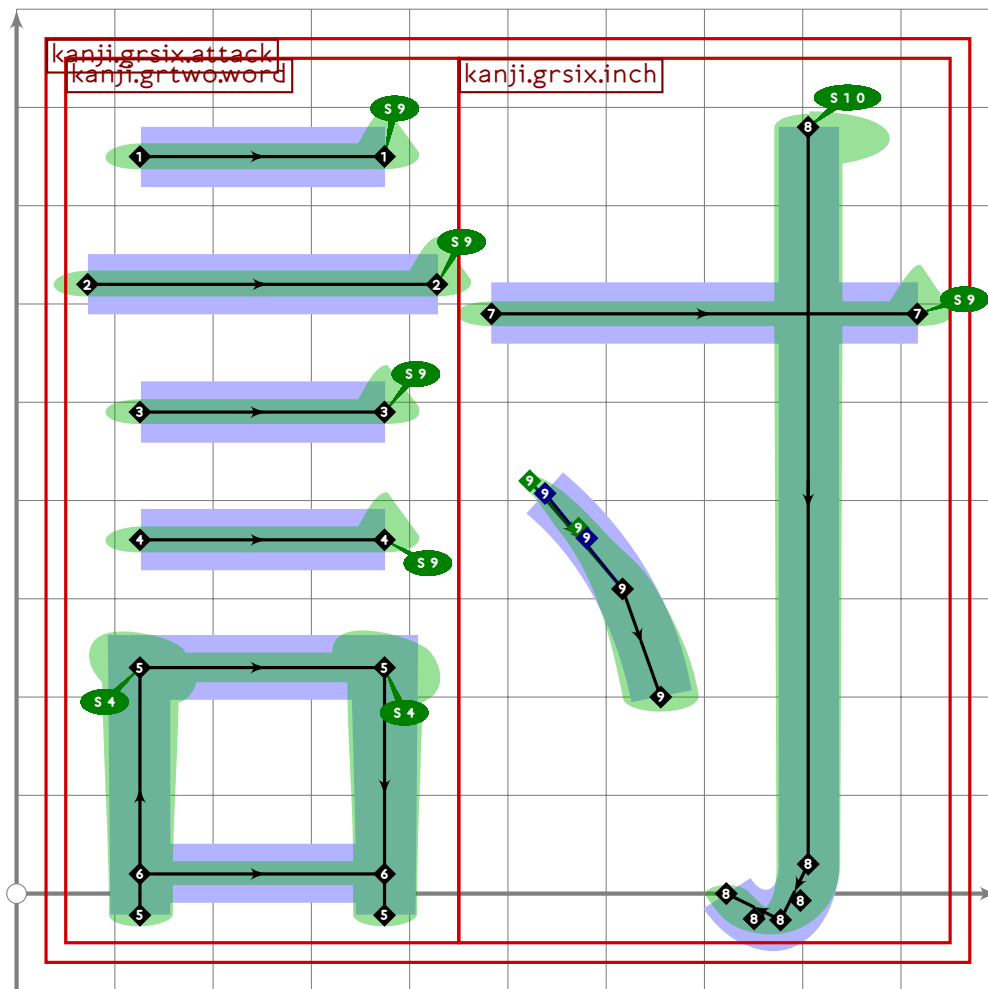
```



```

176
177 vardef kanji.grfive.preparation =
178   push_pbox_toexpand("kanji.grfive.preparation");
179   build_kanji.level(build_kanji.lr(450,0)
180     (kanji.grtwo.word)
181     (kanji.radical.windy_again));
182   expand_pbox;
183 enddef;
184
185

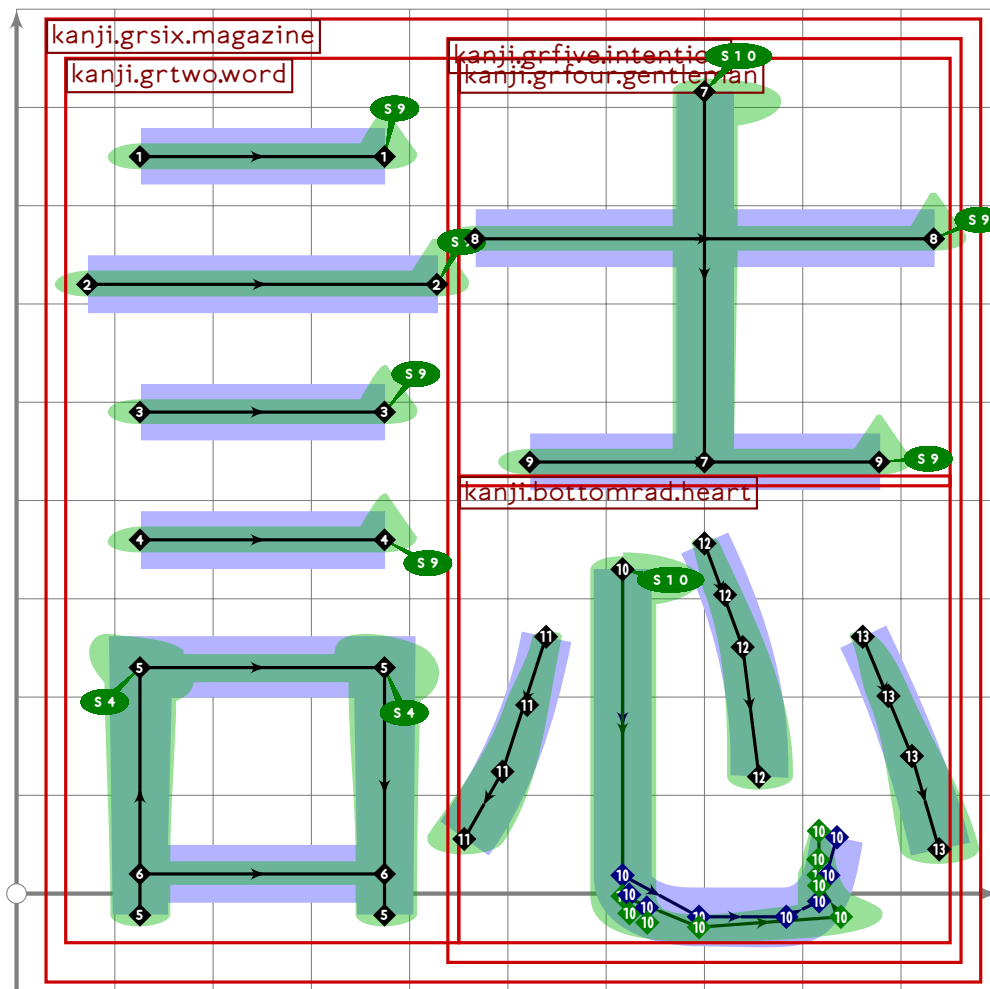
```



```

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

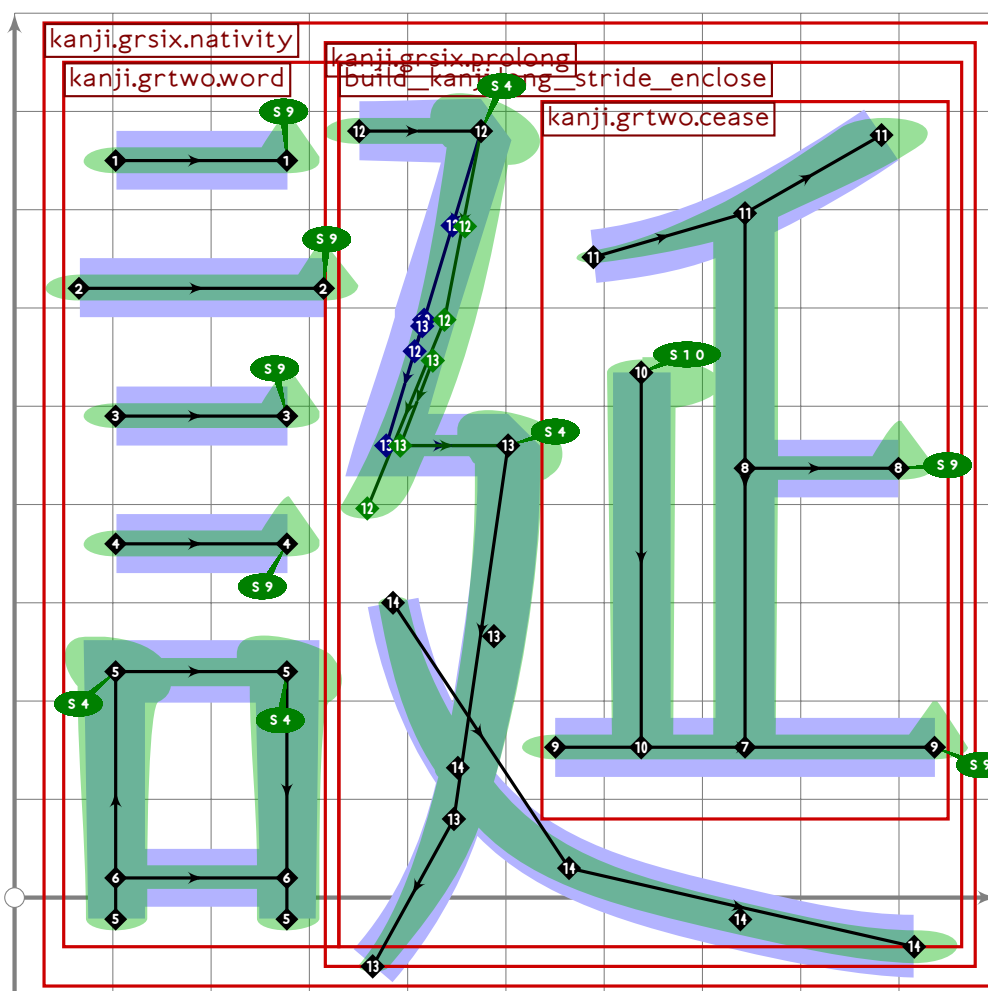
```



```

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

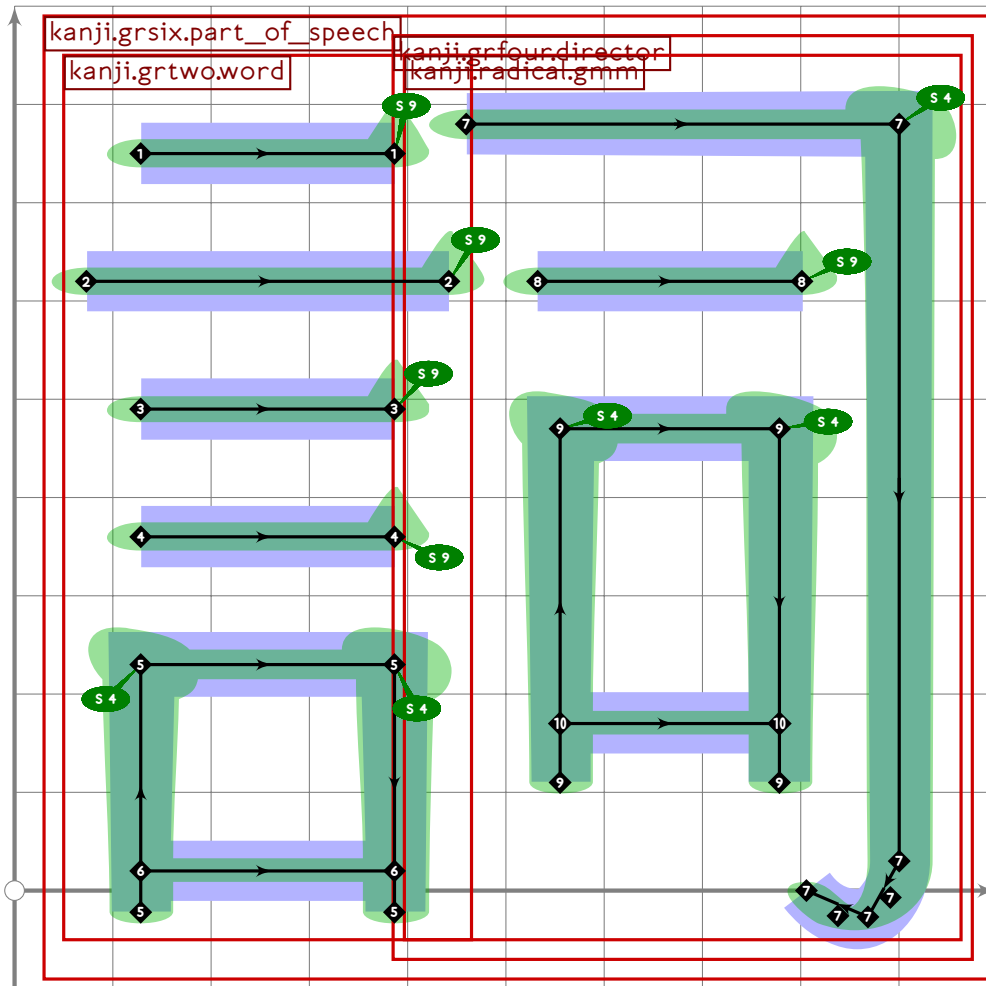
```

```

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

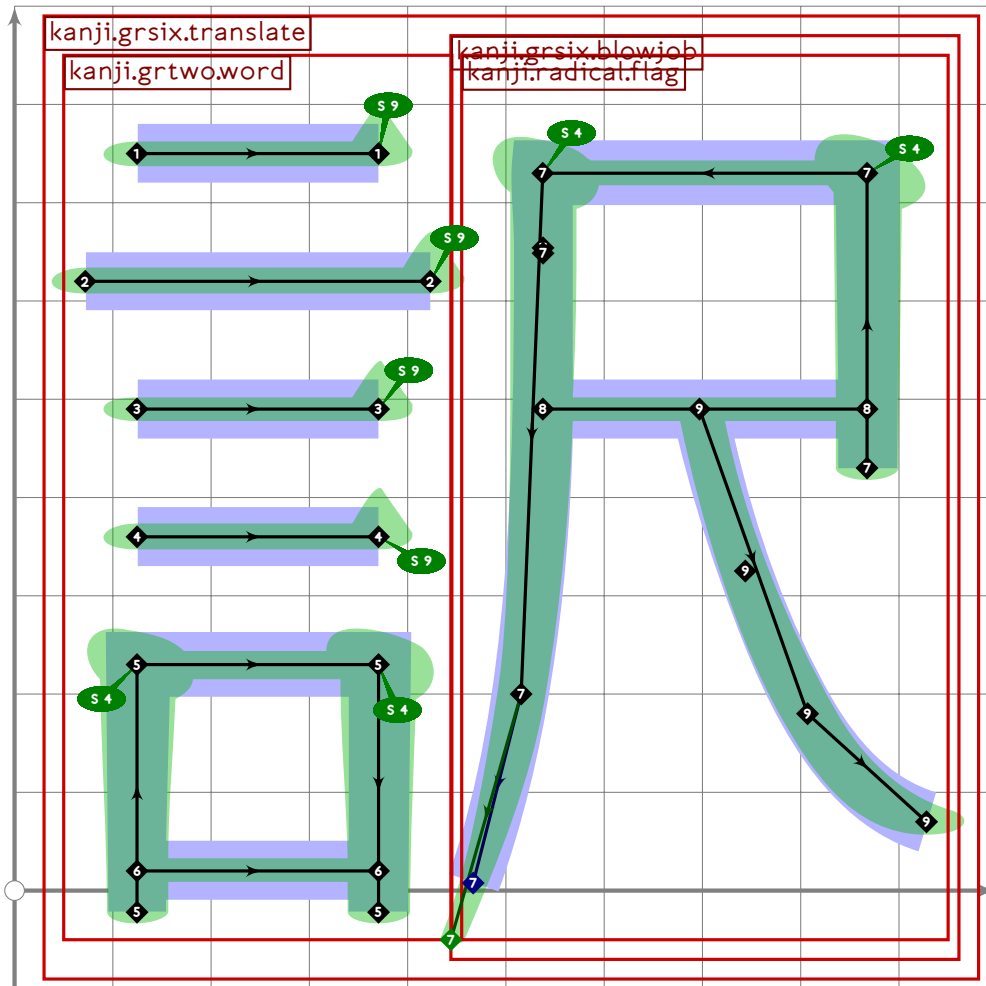
```



```

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

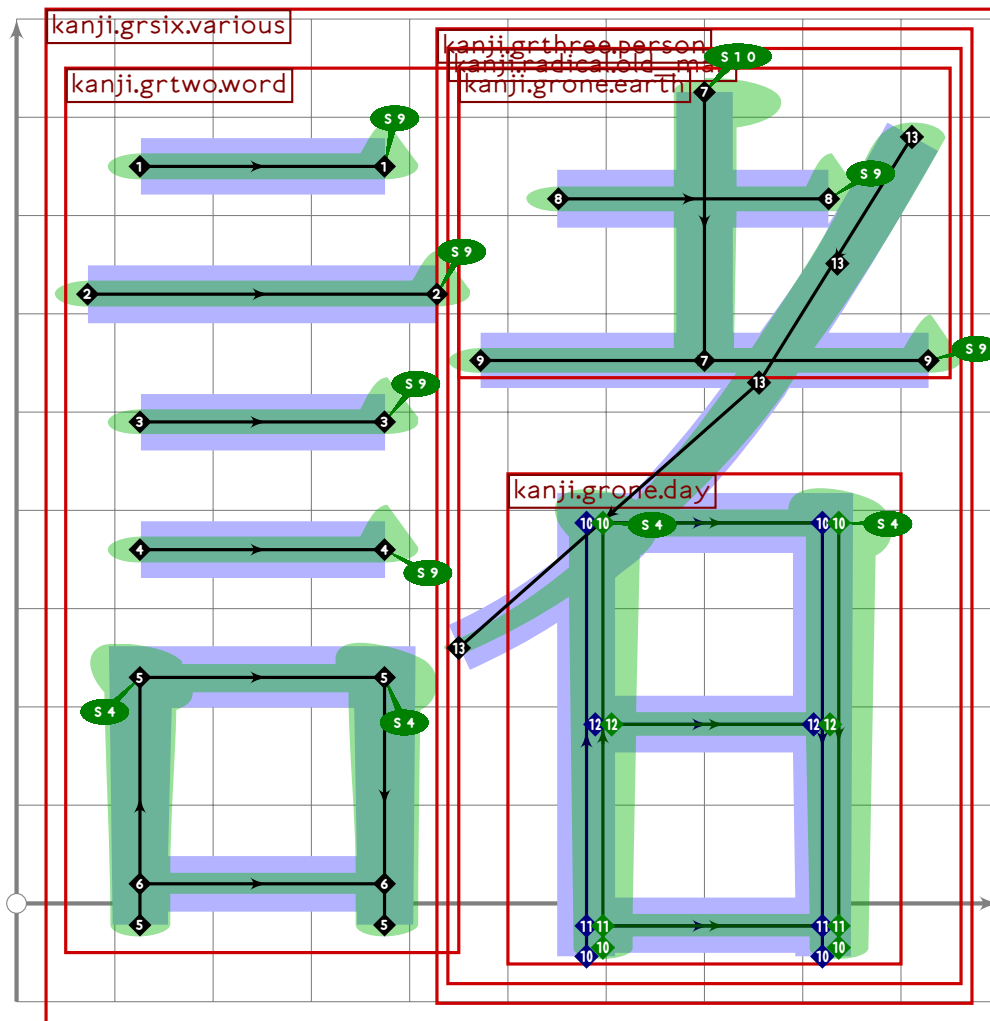
```



```

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

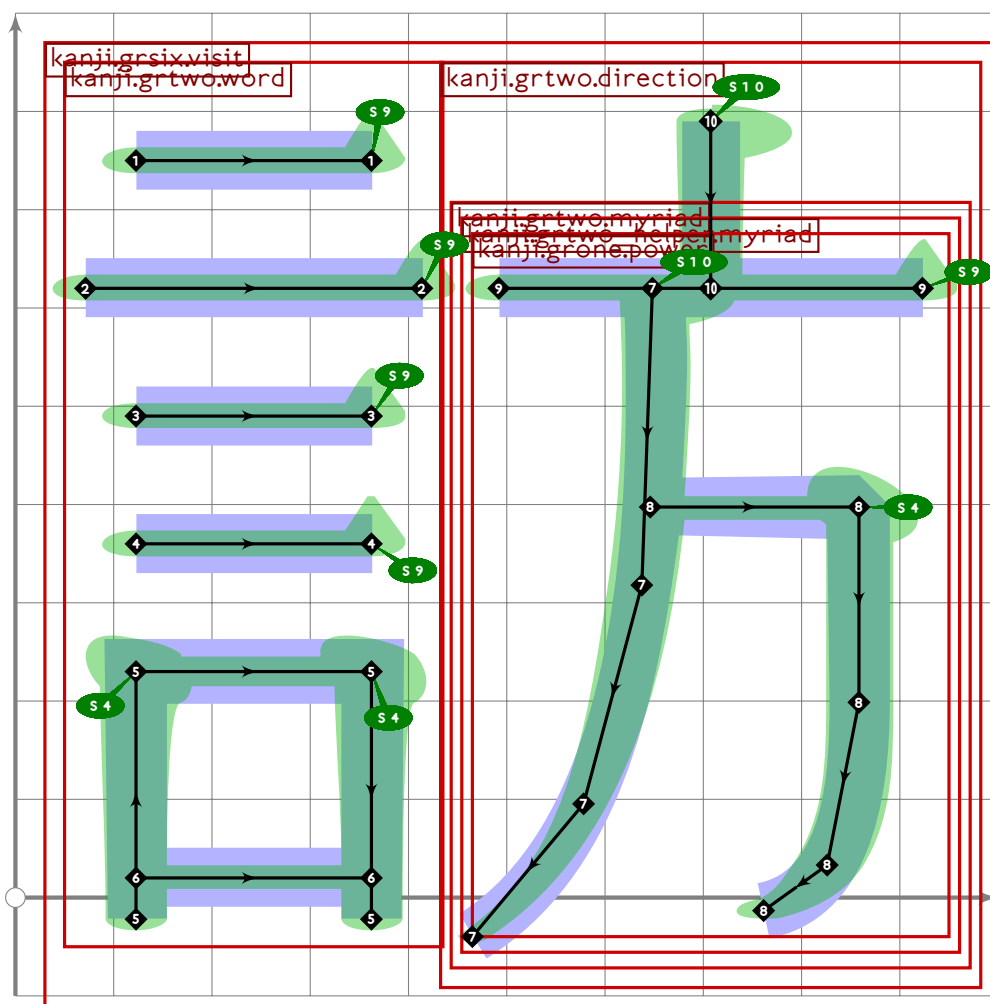
```



```

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

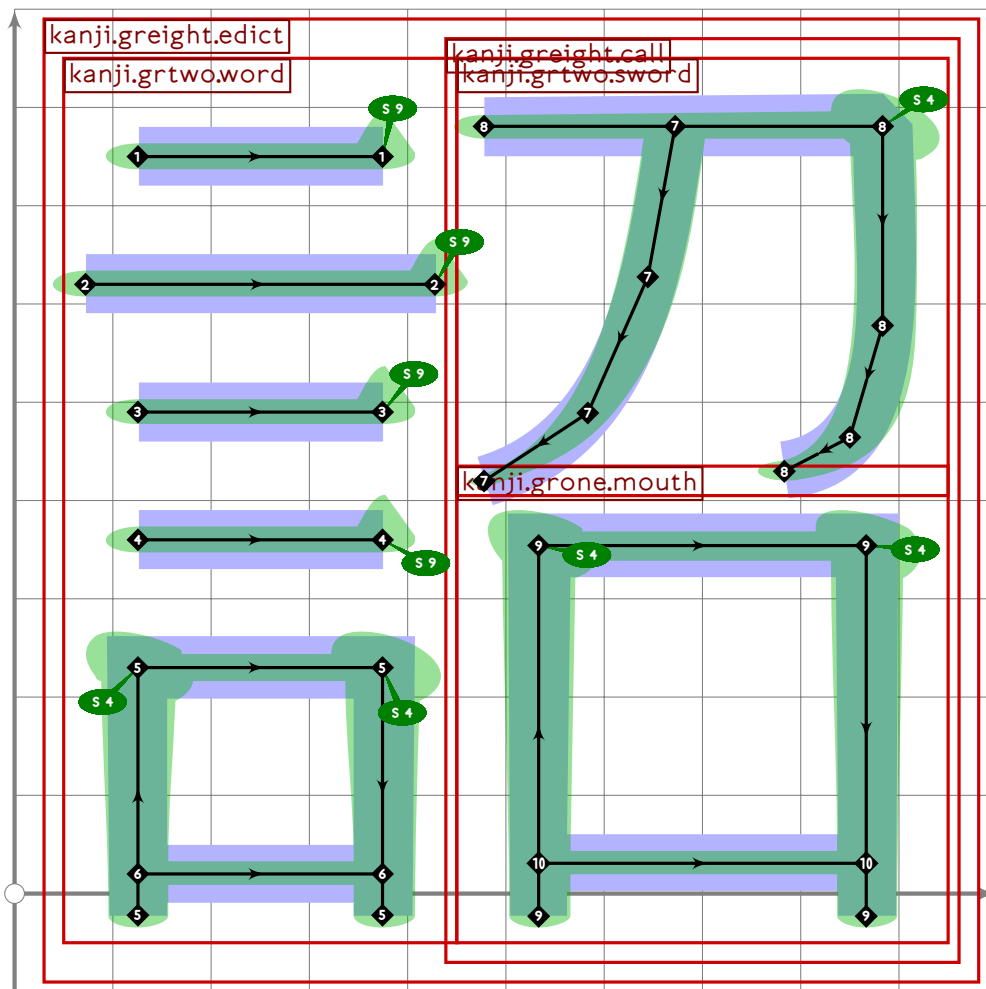
```



```

234
235 vardef kanji.grsix.visit =
236   push_pbox_toexpand("kanji.grsix.visit");
237   build_kanji.level(build_kanji.lr(450,30)
238     (kanji.grtwo.word)
239     (kanji.grtwo.direction));
240   expand_pbox;
241 enddef;
242
243

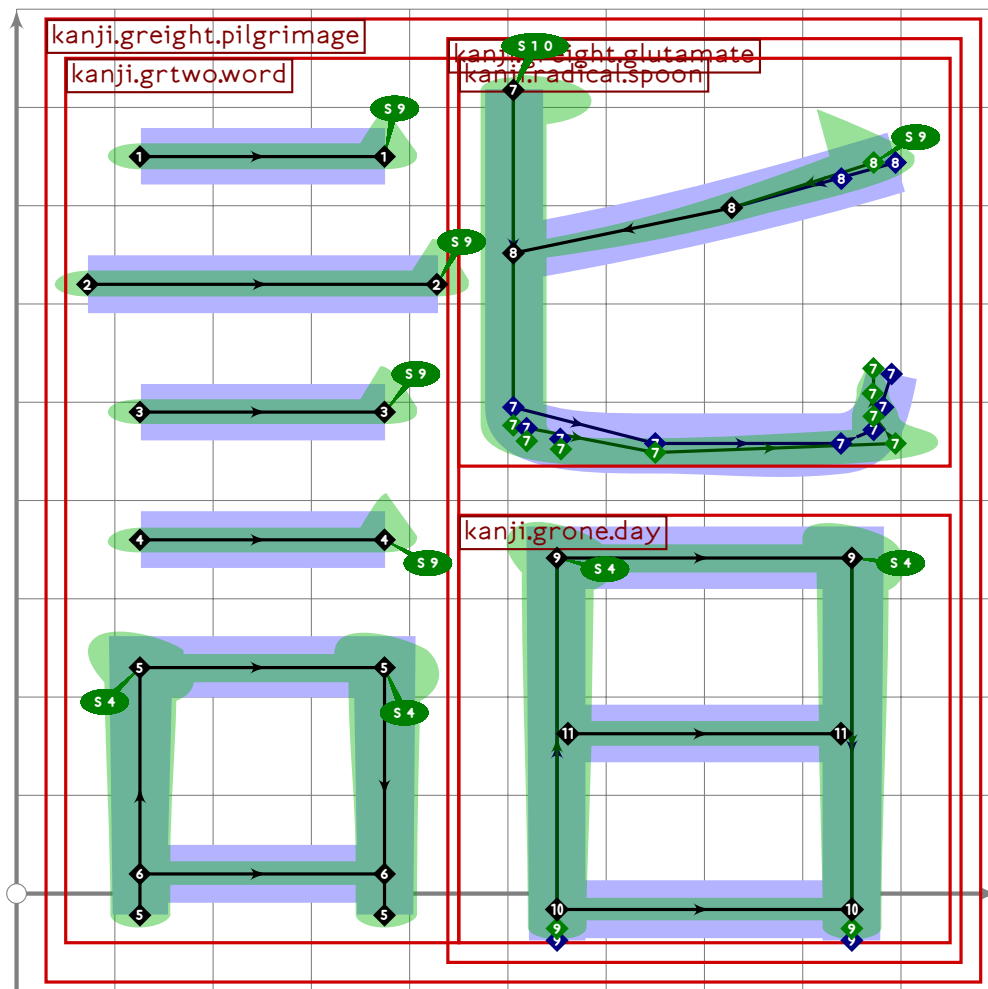
```



```

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

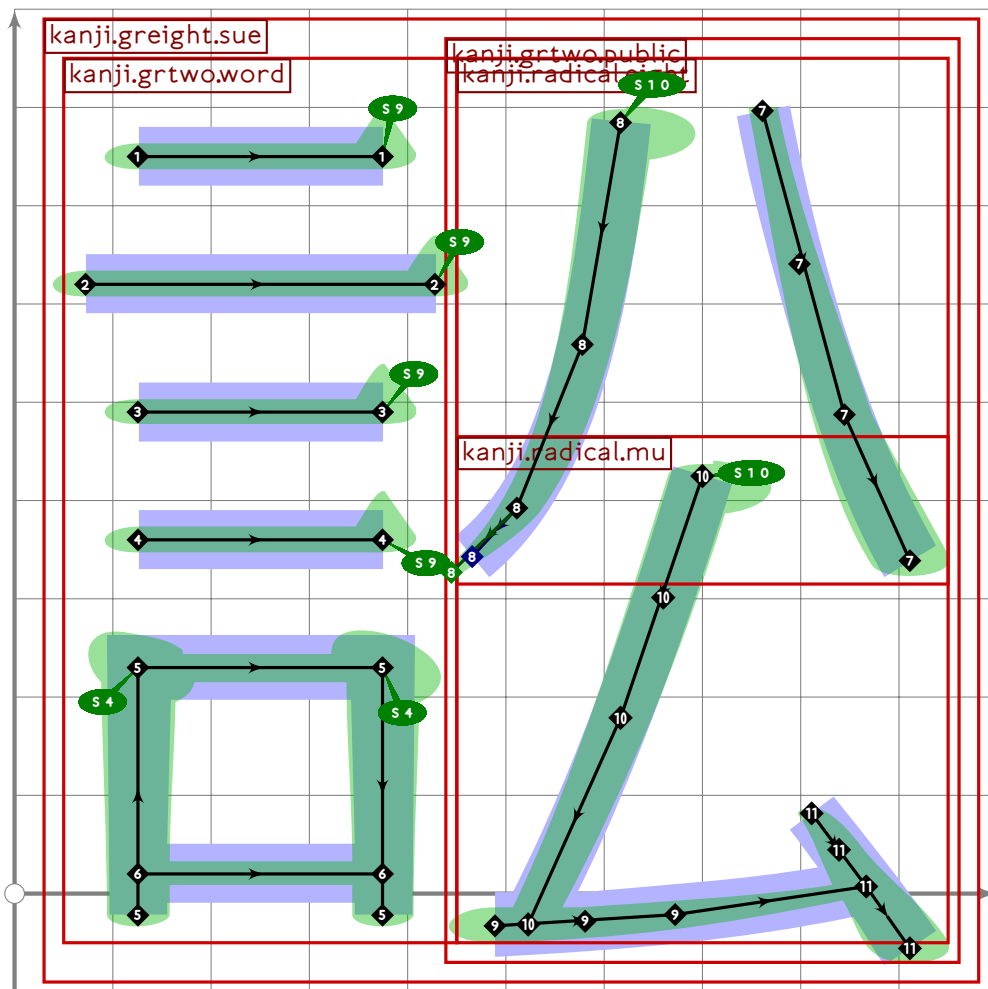
```



```

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

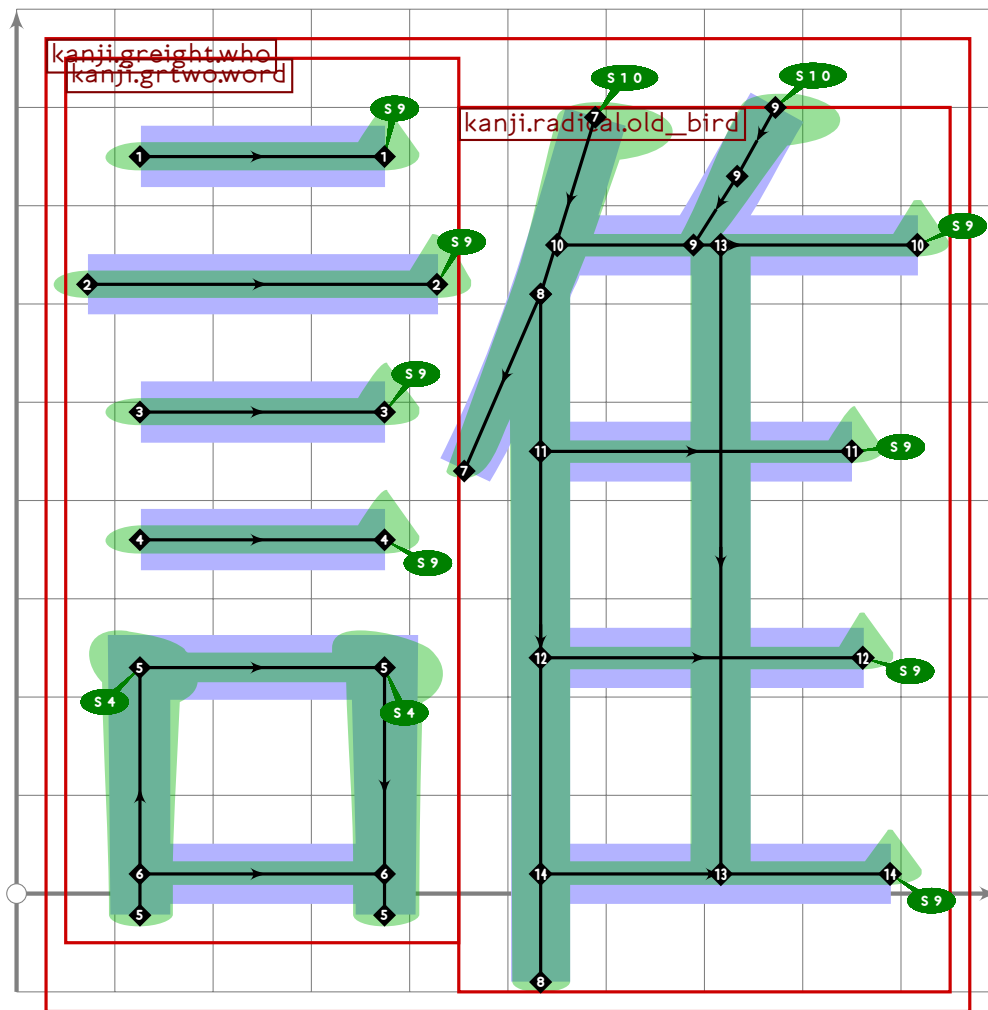
```



```

268
269 vardef kanji.greight.sue =
270   push_pbox_toexpand("kanji.greight.sue");
271   build_kanji.level(build_kanji.lr(450,0)
272     (kanji.grtwo.word)
273     (kanji.grtwo.public));
274   expand_pbox;
275 enddef;

```

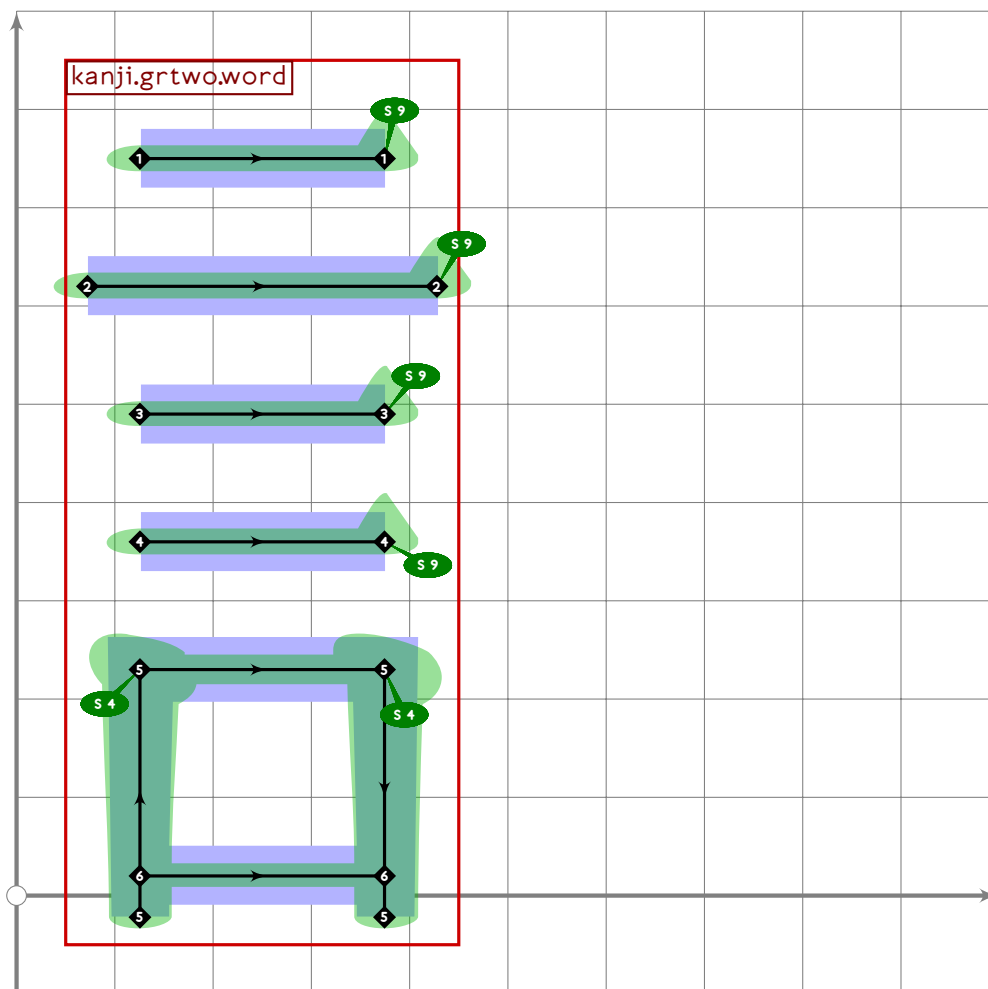



```

276
277 vardef kanji.greight.who =
278   push_pbox_toexpand("kanji.greight.who");
279   build_kanji.level(build_kanji.lr(450,0)
280     (kanji.grtwo.word)
281     (build_kanji.sscale(shifted (0,50))(kanji.radical.old_bird)));
282   expand_pbox;
283 enddef;
284
285
286
287 % gen/i "word"
288 begintsuglyph("uni8A00";0);
289   kanji.grtwo.word;
290   tsu_render;
291 endtsuglyph;
292

```

[see page 556]

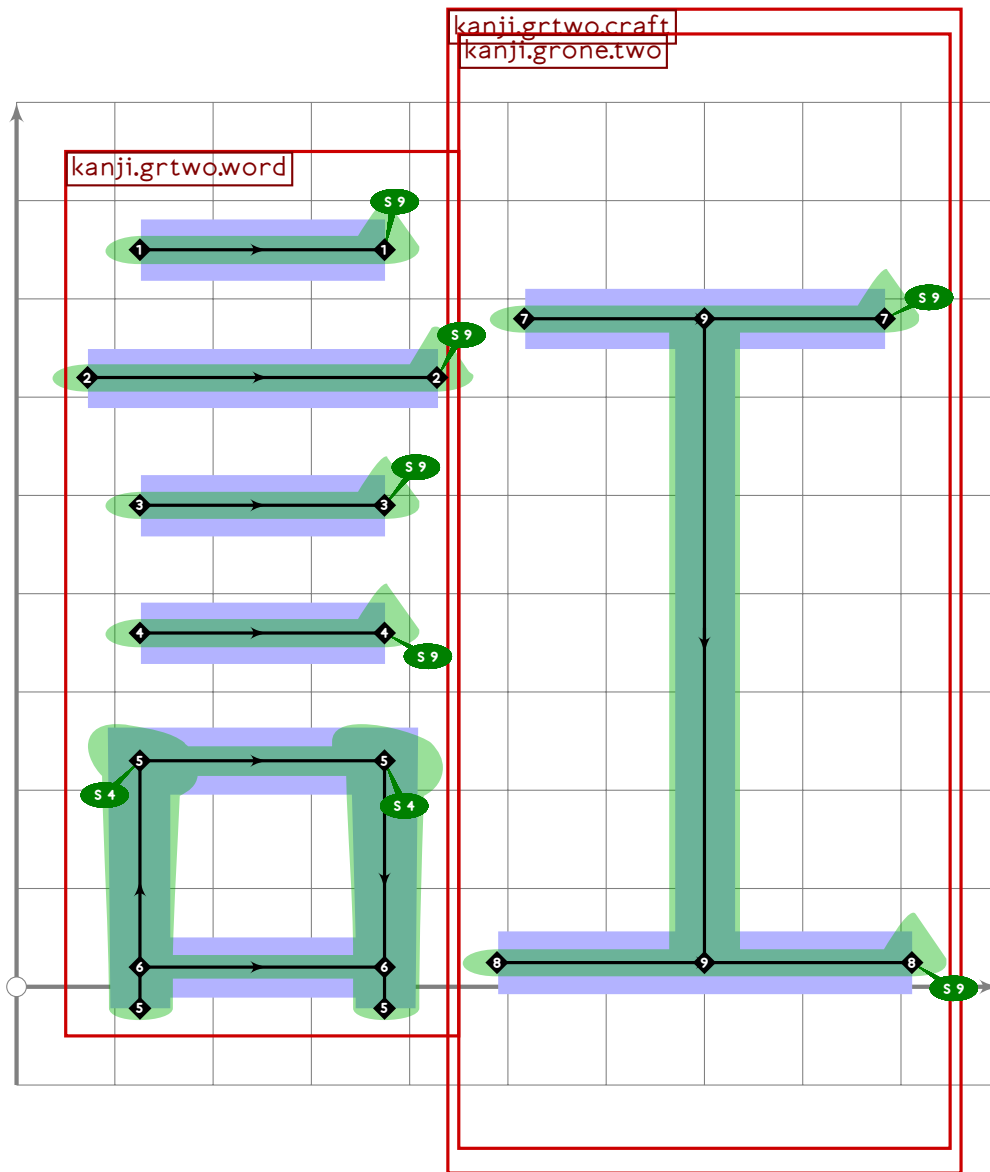


```

293 % extra (word left radical)
294 begintsuglyph("uni8A01";1);
295   build_kanji.lr(450,0)
296     (kanji.grtwo.word)
297   ();
298   tsu_render;
299 endtsuglyph;
300
301 % kei/haka "plan"
302 begintsuglyph("uni8A08";8);
303   kanji.grtwo.plan;
304   tsu_render;
305 endtsuglyph;
306

```

[see page 2712]



```

307 % extra: kou "become confused"
308 begintsuglyph("uni8A0C",12);
309   build_kanji.level(build_kanji.lr(450,0)
310     (kanji.grtwo.word)
311     (build_kanji.sscale(yscaled 1.26)(kanji.grtwo.craft)));
312   tsu_render;
313 endtsuglyph;
314
315 % tou/u "attack"
316 begintsuglyph("uni8A0E",14);
317   kanji.grsix.attack;
318   tsu_render;
319 endtsuglyph;
320
321 % kun "native Japanese kanji pronunciation"
322 % of course "kun" is the "on" reading of this kanji, don't be silly

```

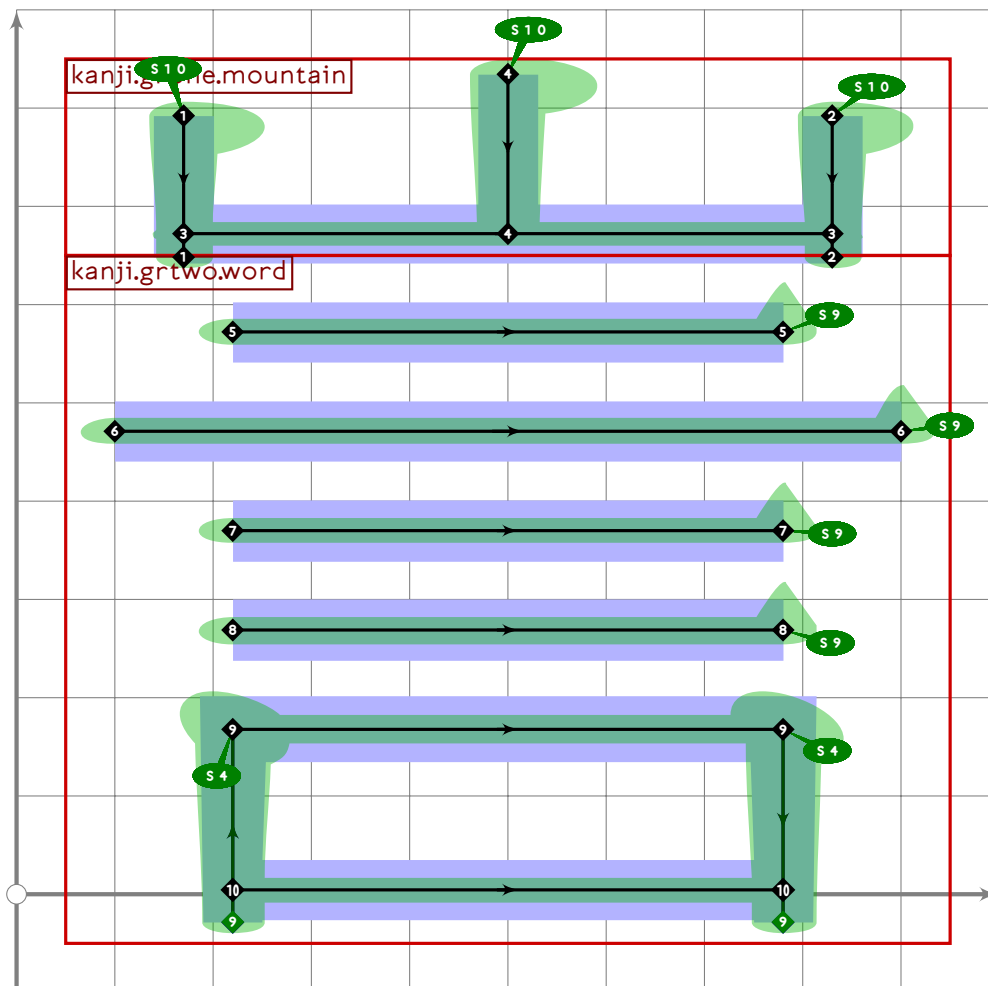
[see page 2725]

U+8A14
tsuku.uni8A14

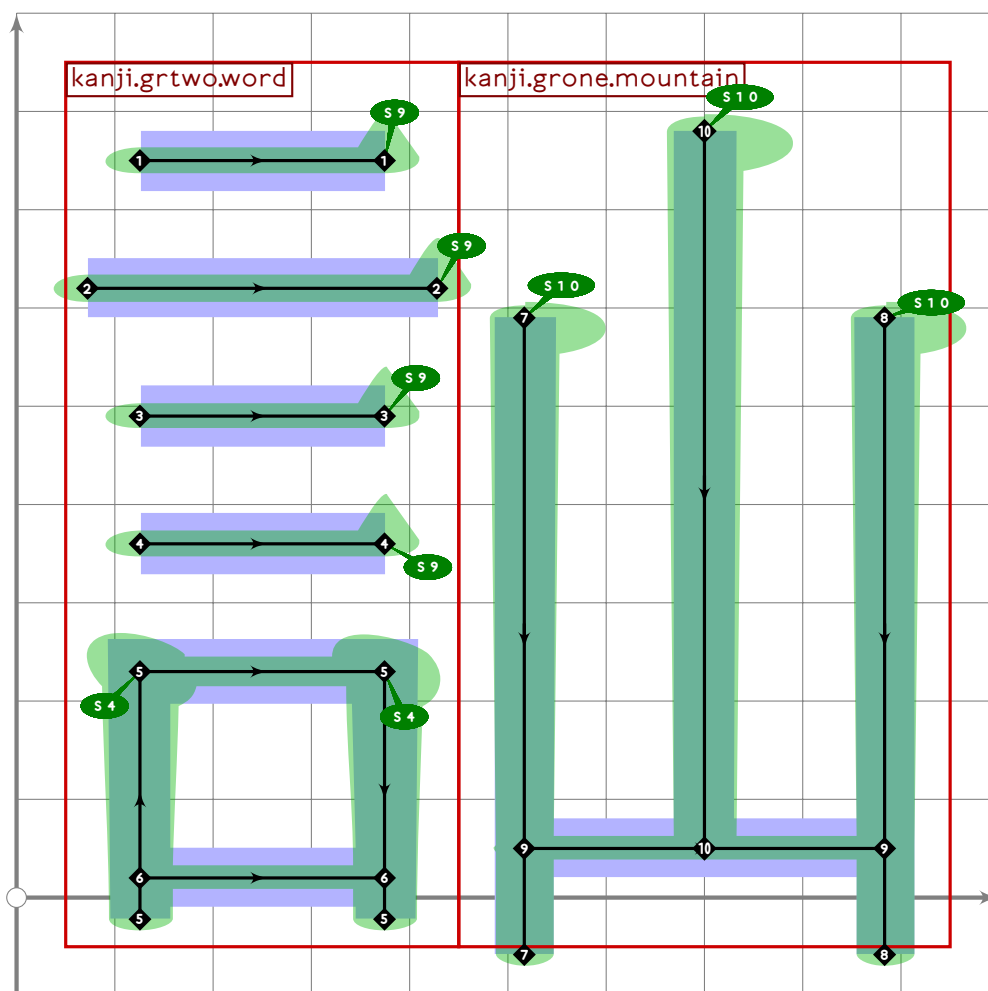
8A

```
323 begintsuglyph("uni8A13";19);
324 kanji.grfour.kunyomi;
325 tsu_render;
326 endtsuglyph;
327
```

[see page 2718]



```
328 % extra
329 begintsuglyph("uni8A14";20);
330 build_kanji.level(build_kanji.tb(650,0)
331   (kanji.grone.mountain)
332   (kanji.grtwo.word));
333 tsu_render;
334 endtsuglyph;
335
```

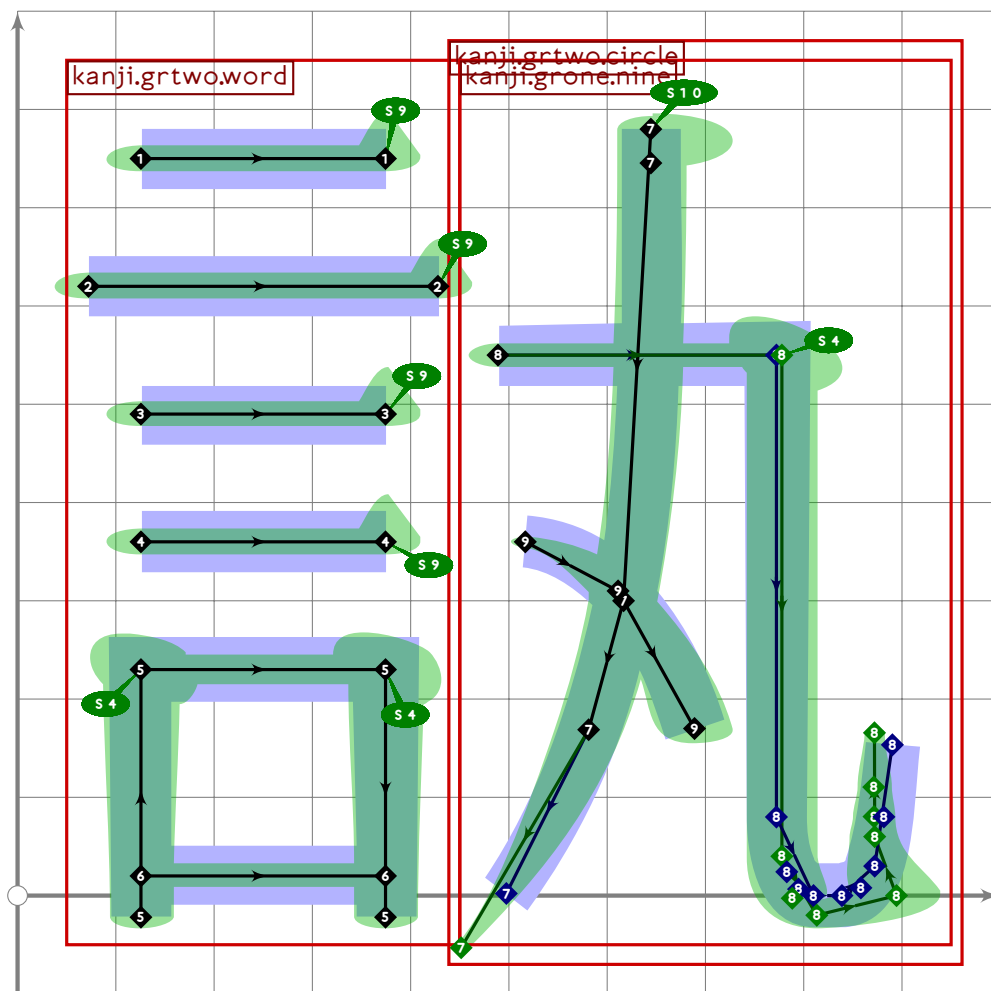


```

336 % extra
337 begintsuglyph("uni8A15",21);
338   build_kanji.level(build_kanji.lr(450,0)
339     (kanji.grtwo.word)
340     (kanji.grone.mountain));
341   tsu_render;
342 endtsuglyph;
343
344 % ki/shiru "account"
345 begintsuglyph("uni8A18",24);
346   kanji.grtwo.account;
347   tsu_render;
348 endtsuglyph;
349

```

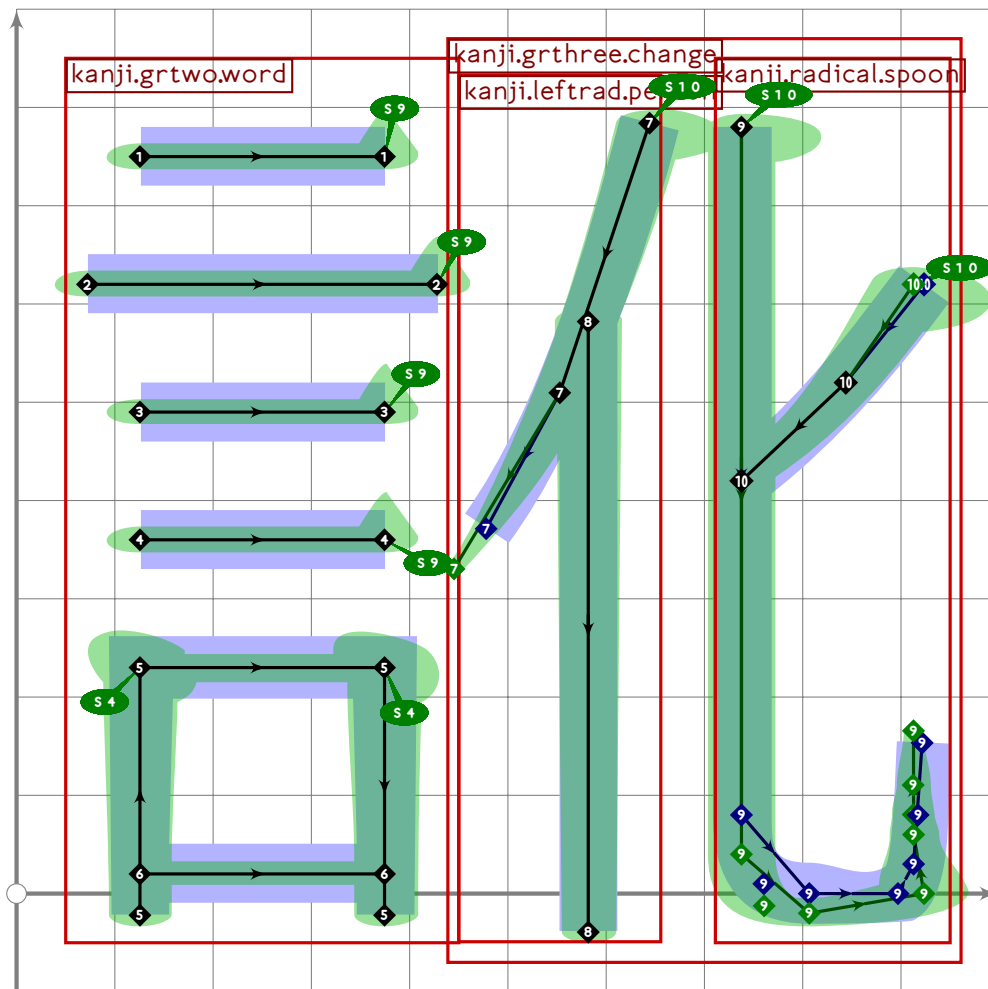
[see page 2710]



```

350 % extra
351 begintsuglyph("uni8A19",25);
352   build_kanji.level(build_kanji.lr(450,0)
353     (kanji.grtwo.word)
354     (kanji.grtwo.circle));
355   tsu_render;
356 endtsuglyph;
357

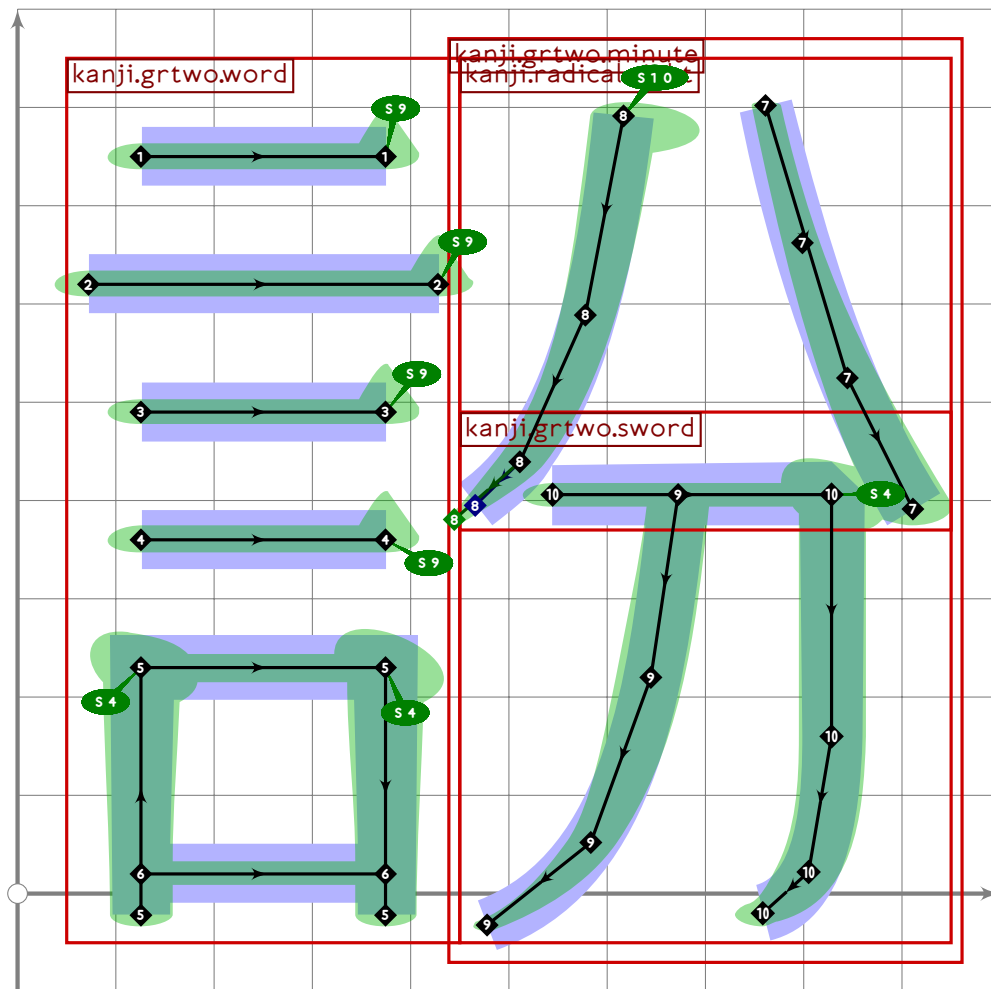
```



```

358 % ka/nama "accent (speech)"
359 begintsuglyph("uni8A1B",27);
360 build_kanji.level(build_kanji.lr(450,0)
361   (kanji.grtwo.word)
362   (kanji.grthree.change));
363 tsu_render;
364 endtsuglyph;
365

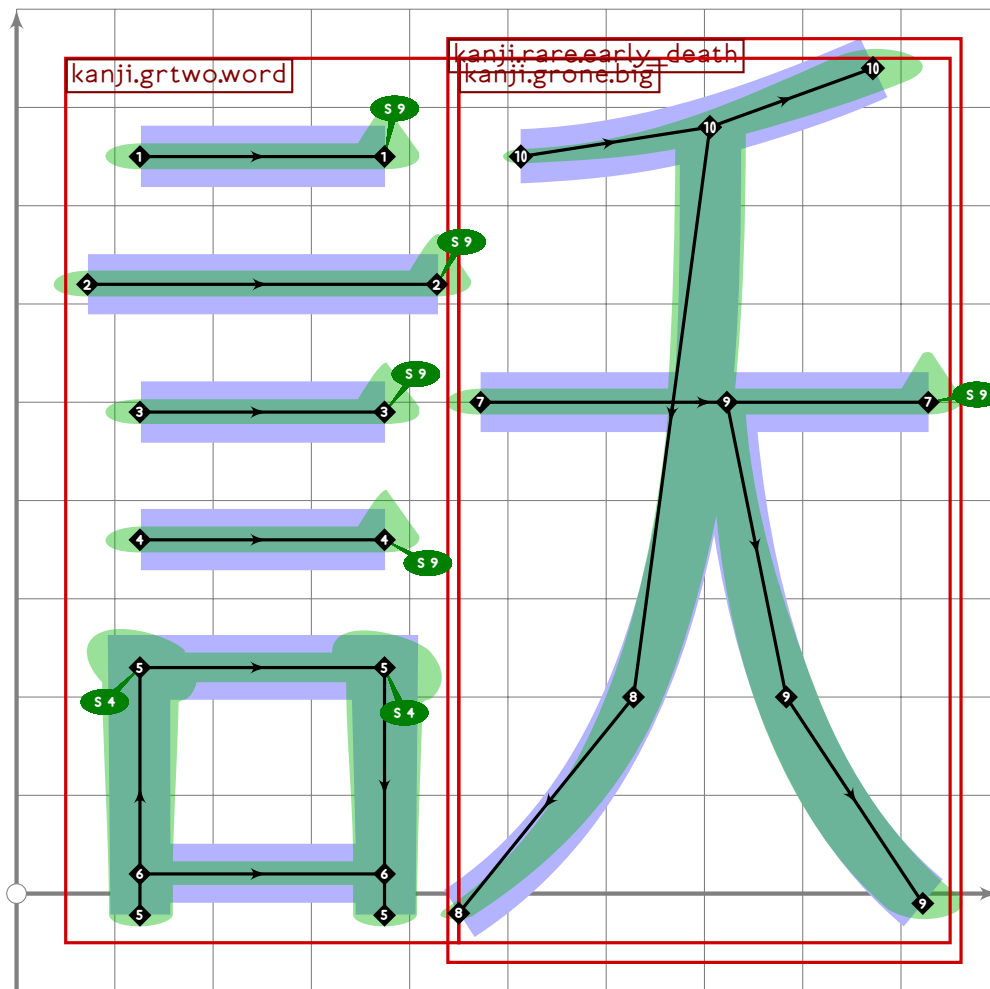
```



```

366 % extra
367 begintsuglyph("uni8A1C";28);
368   build_kanji.level(build_kanji.lr(450,0)
369     (kanji.grtwo.word)
370     (kanji.grtwo.minute));
371   tsu_render;
372 endtsuglyph;
373

```

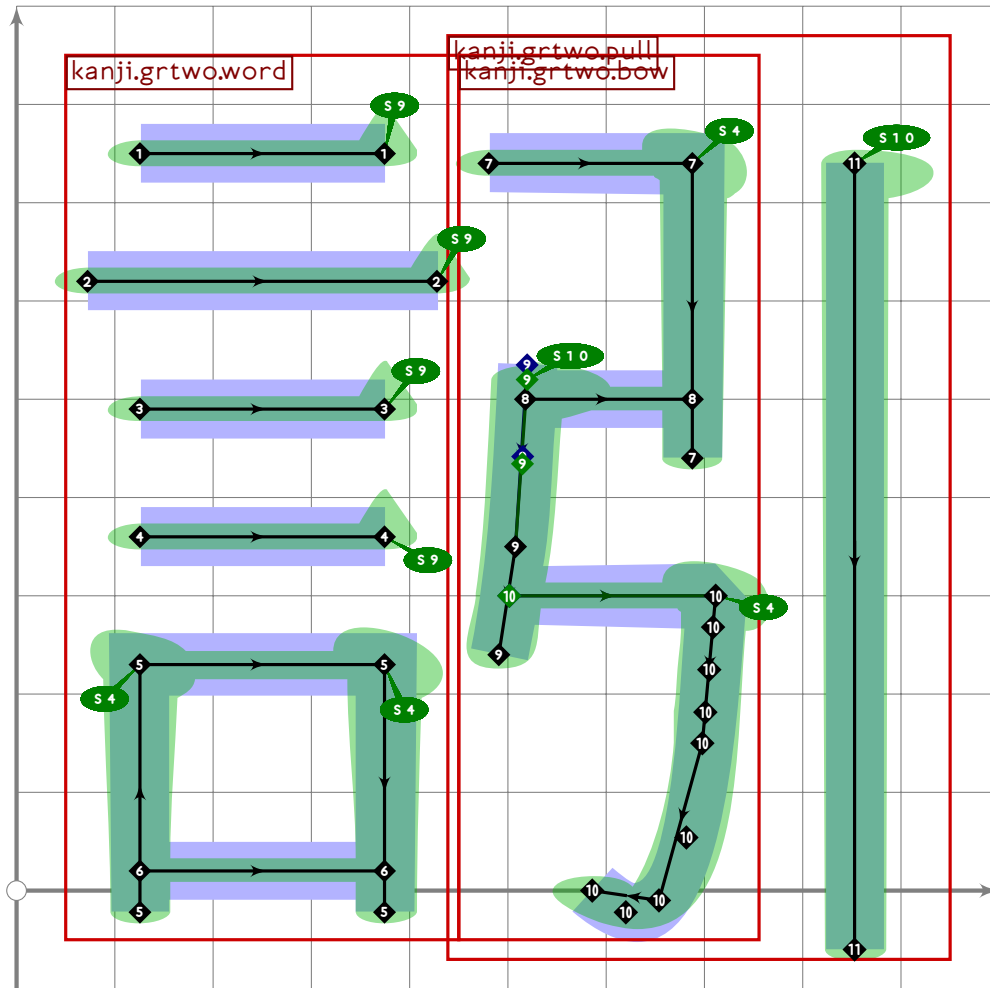



```

374 % extra
375 begintsuglyph("uni8A1E",30);
376   build_kanji.level(build_kanji.lr(450,0)
377     (kanji.grtwo.word)
378     (kanji.rare.early_death));
379   tsu_render;
380 endtsuglyph;
381
382 % shou "sue"
383 begintsuglyph("uni8A1F",31);
384   kanji.greight.sue;
385   tsu_render;
386 endtsuglyph;
387

```

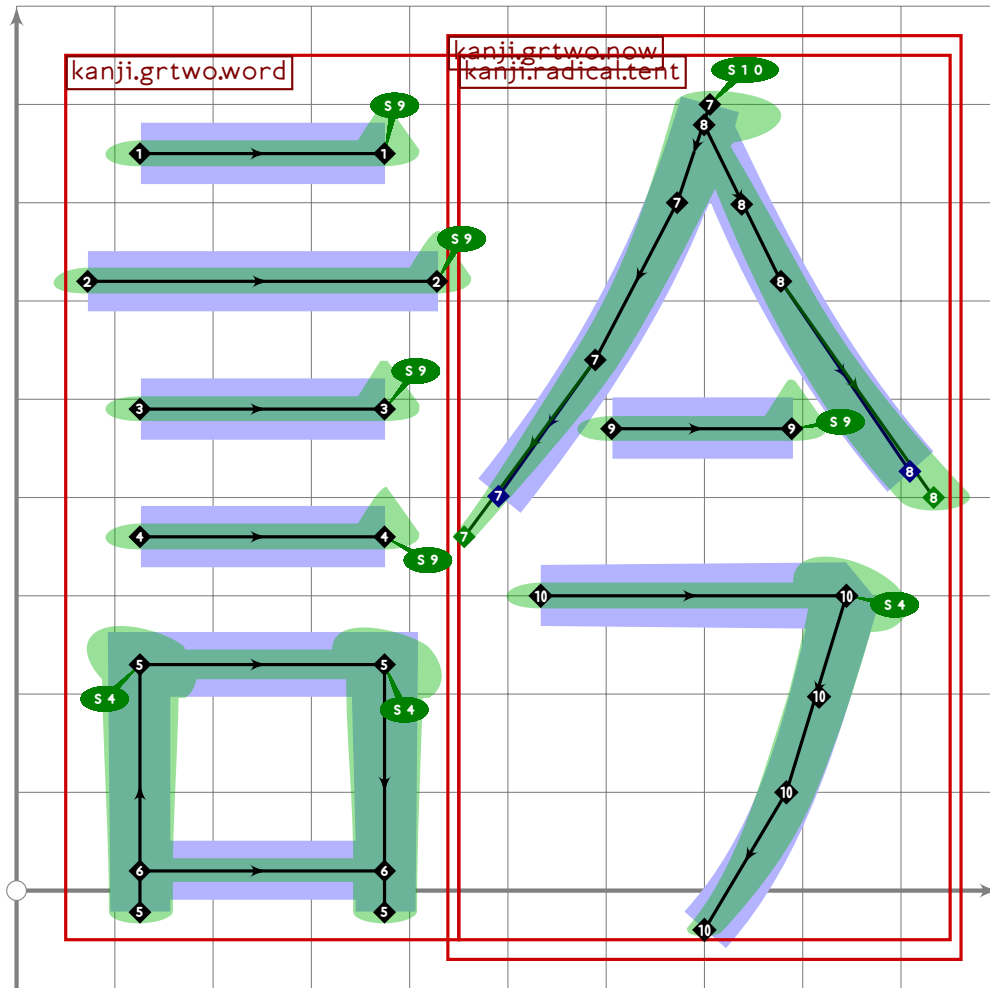
[see page 2734]



```

388 % extra
389 begintsuglyph("uni8A20";32);
390   build_kanji.level(build_kanji.lr(450,0)
391     (kanji.grtwo.word)
392     (kanji.grtwo.pull));
393   tsu_render;
394 endtsuglyph;
395

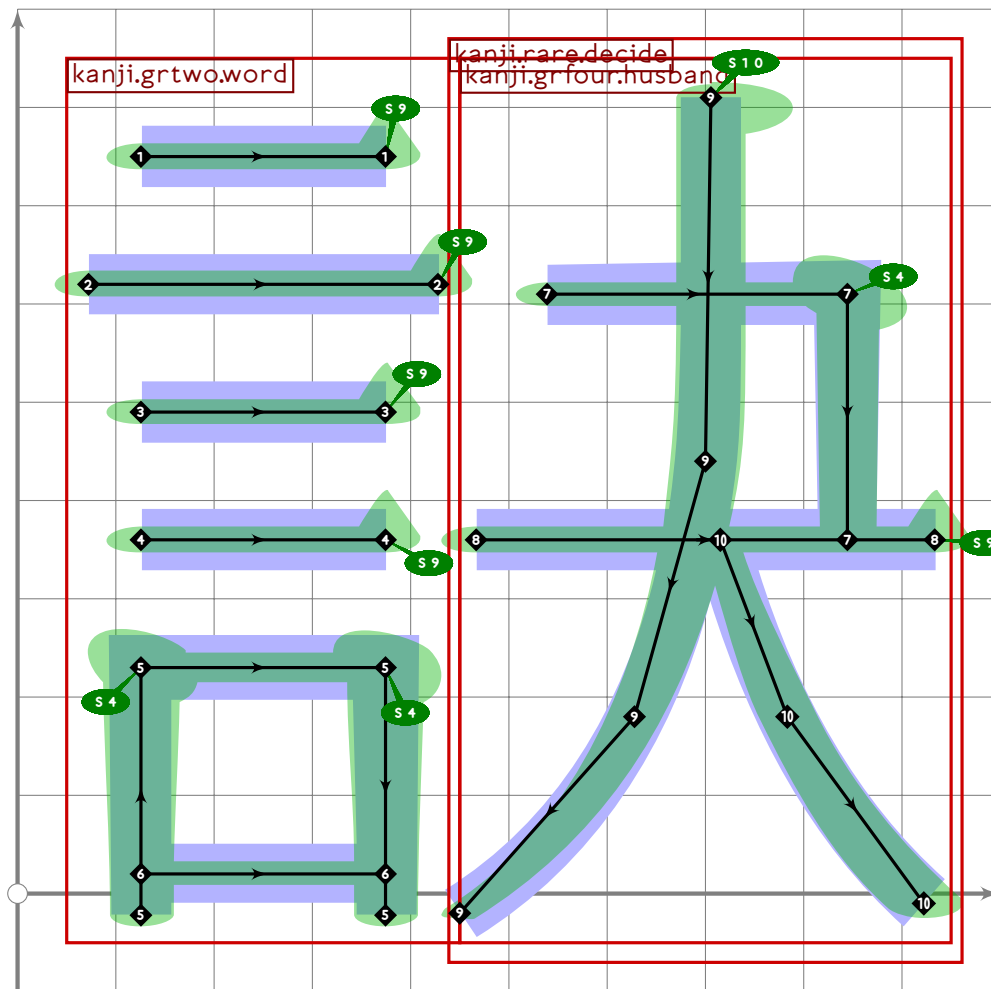
```



```

396 % extra
397 begintsuglyph("uni8A21";33);
398   build_kanji.level(build_kanji.lr(450,0)
399     (kanji.grtwo.word)
400     (kanji.grtwo.now));
401   tsu_render;
402 endtsuglyph;
403

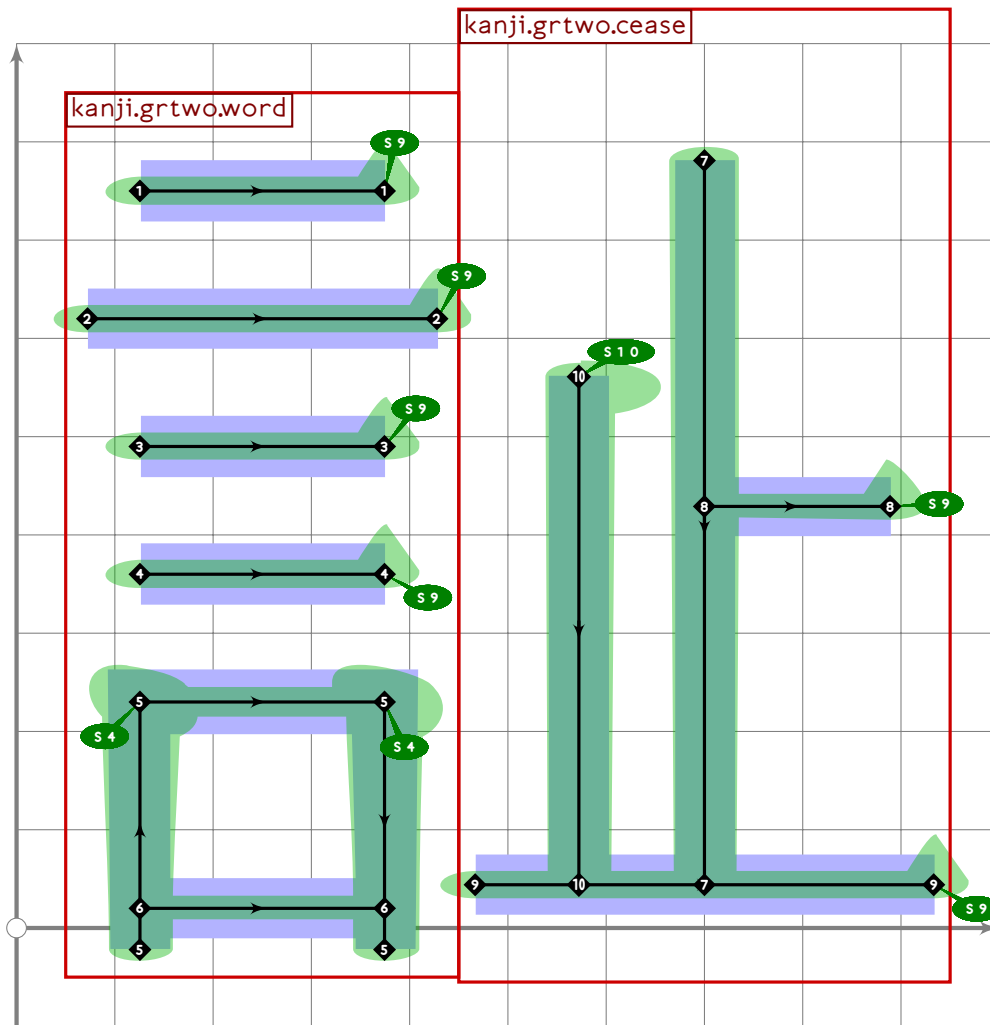
```



```

404 % extra: separation
405 begintsuglyph("uni8A23";35);
406 build_kanji.level(build_kanji.lr(450,0)
407   (kanji.grtwo.word)
408   (kanji.rare.decide));
409 tsu_render;
410 endtsuglyph;
411

```

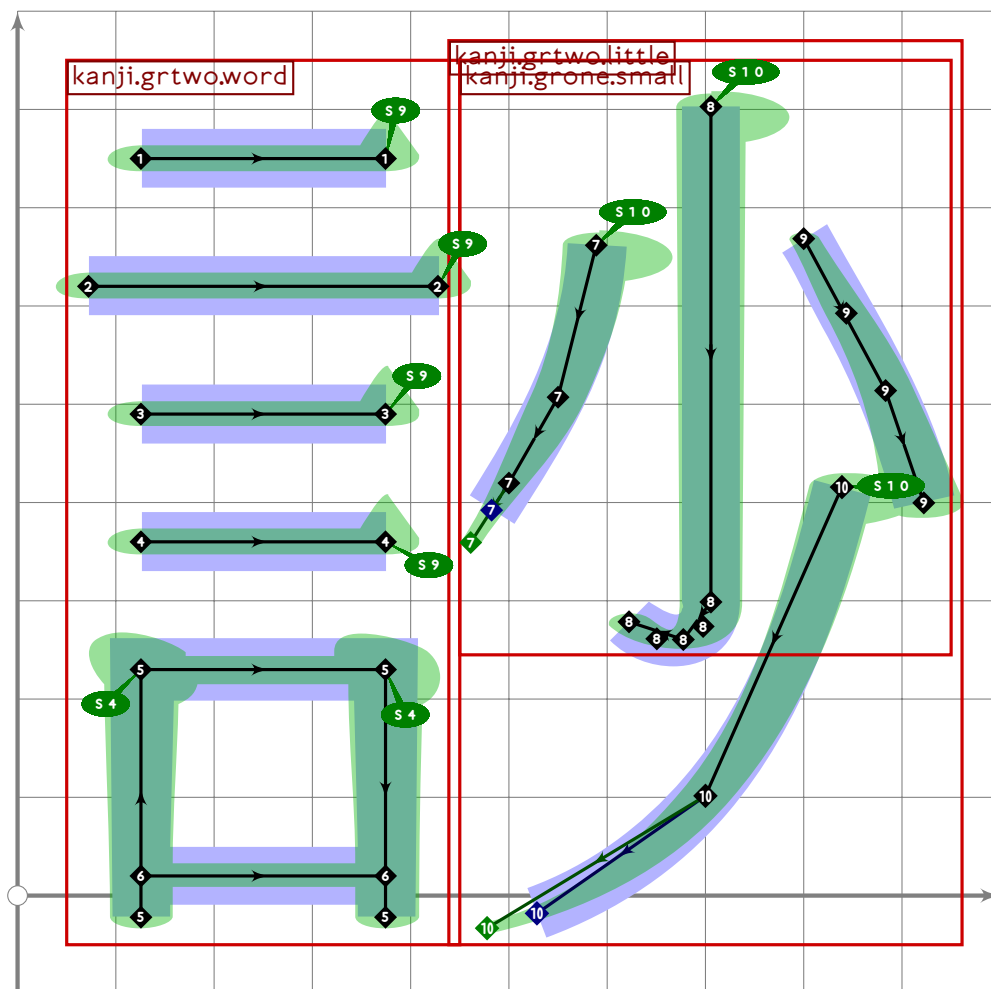


```

412 % extra
413 begintsuglyph("uni8A28";40);
414   build_kanji.level(build_kanji.lr(450,0)
415     (kanji.grtwo.word)
416     (tsu_xform(identity yscaled 1.1)(kanji.grtwo.cease)));
417   tsu_render;
418 endtsuglyph;
419
420 % hou/otazu "visit"
421 begintsuglyph("uni8A2A";42);
422   kanji.grsix.visit;
423   tsu_render;
424 endtsuglyph;
425

```

[see page 2731]



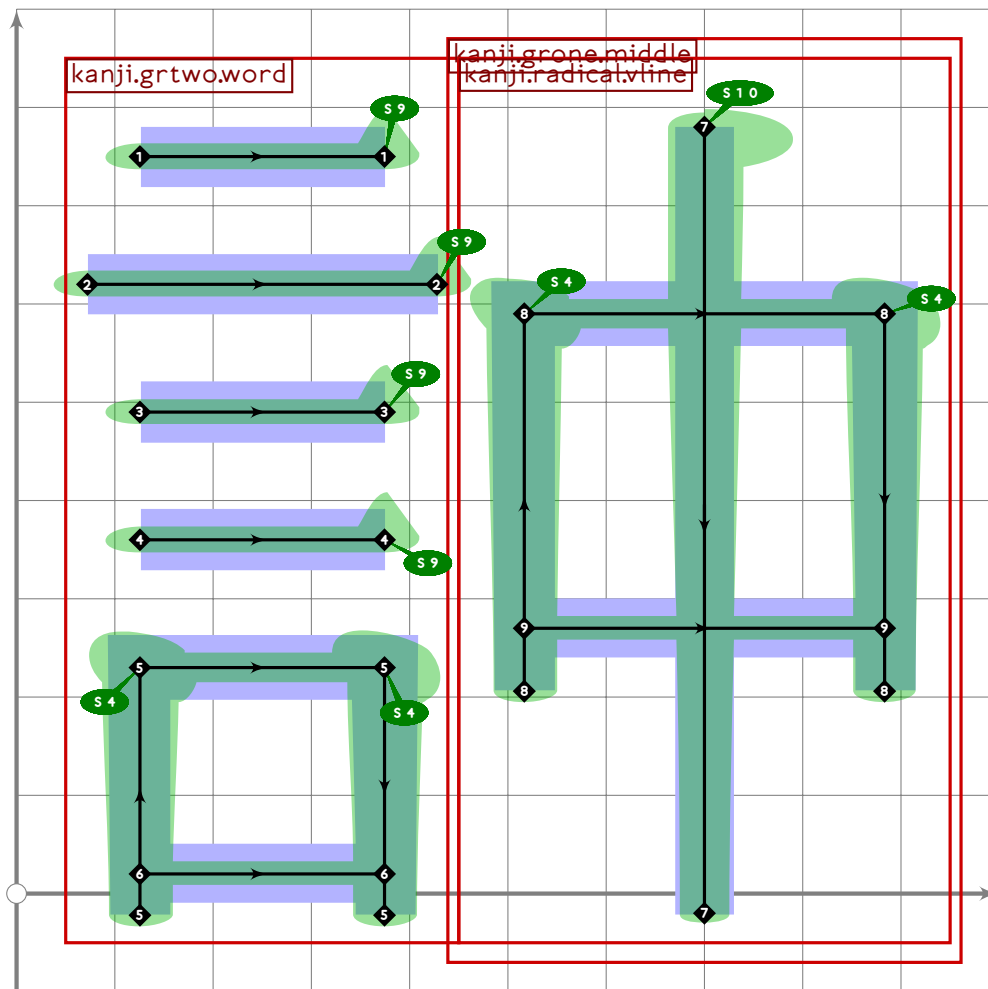
```

426 % extra
427 begintsuglyph("uni8A2C";44);
428   build_kanji.level(build_kanji.lr(450,0)
429     (kanji.grtwo.word)
430     (kanji.grtwo.little));
431   tsu_render;
432 endtsuglyph;
433
434 % satsu/mou "preparation"
435 begintsuglyph("uni8A2D";45);
436   kanji.grfive.preparation;
437   tsu_render;
438 endtsuglyph;
439
440 % kyo/yuru "permit" (forgive)
441 begintsuglyph("uni8A31";49);
442   kanji.grfive.permit;
443   tsu_render;
444 endtsuglyph;
445

```

[see page 2724]

[see page 2723]



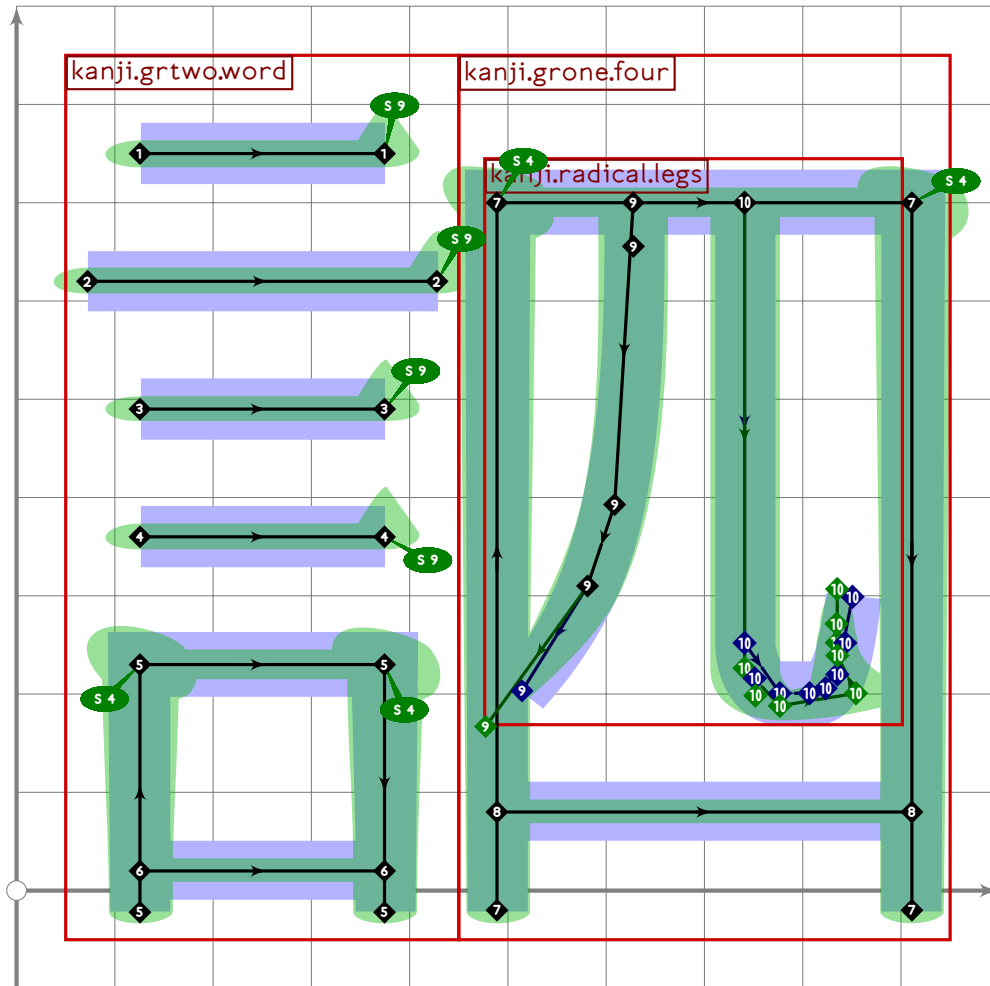
```

446 % extra
447 begintsuglyph("uni8A32";50);
448   build_kanji.level(build_kanji.lr(450,0)
449     (kanji.grtwo.word)
450     (kanji.grone.middle));
451   tsu_render;
452 endtsuglyph;
453
454 % yaku/wake "translate"
455 begintsuglyph("uni8A33";51);
456   kanji.grsix.translate;
457   tsu_render;
458 endtsuglyph;
459

```

[see page 2729]

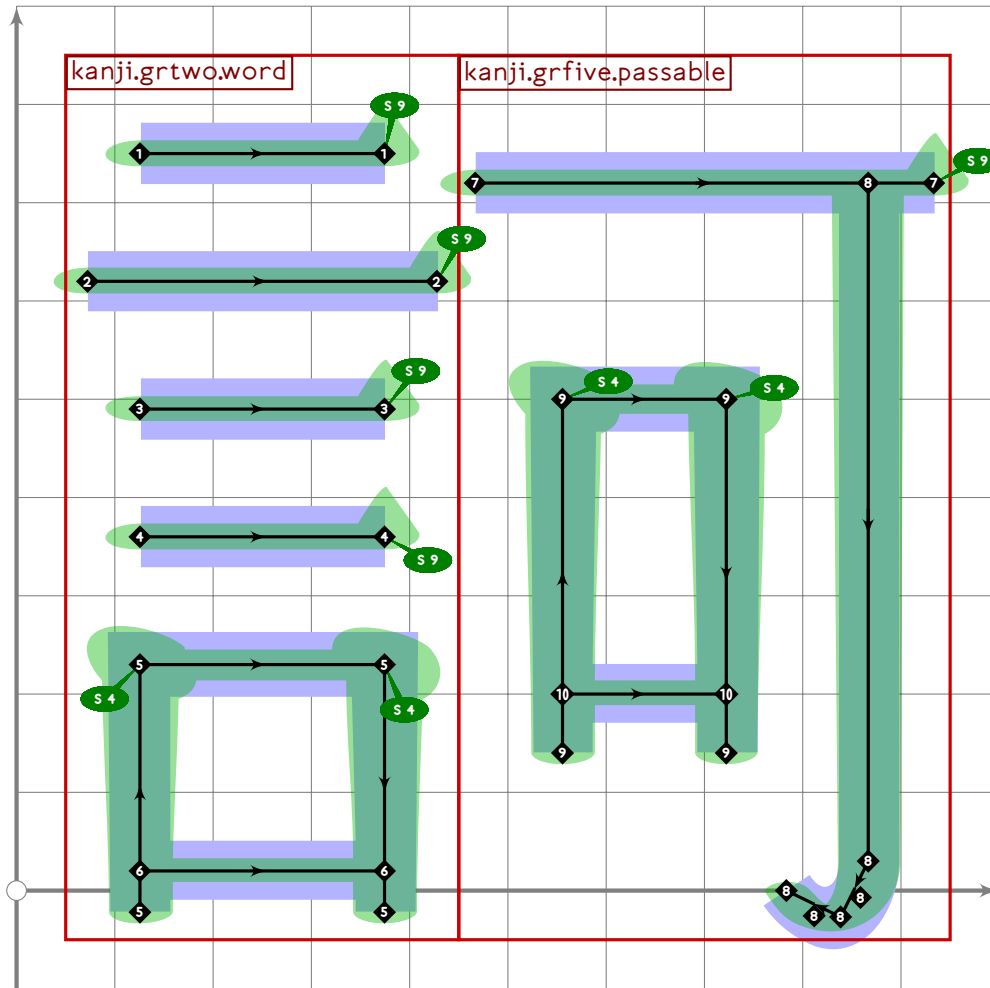
8A



```

460 % extra
461 begintsuglyph("uni8A35";53);
462   build_kanji.level(build_kanji.lr(450,0)
463     (kanji.grtwo.word)
464     (kanji.grone.four));
465   tsu_render;
466 endtsuglyph;
467

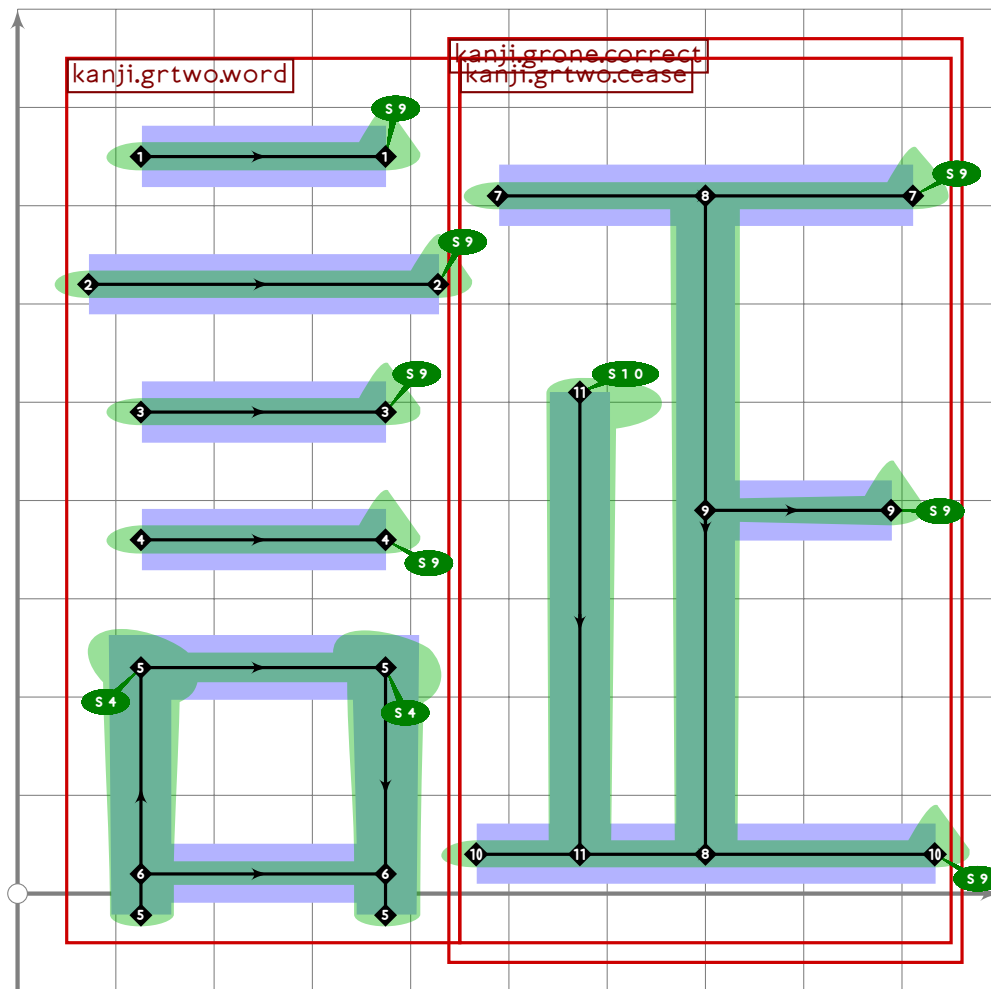
```

```

468 % extra
469 begintsuglyph("uni8A36";54);
470 build_kanji.level(build_kanji.lr(450,0)
471   (kanji.grtwo.word)
472   (kanji.grfive.passable));
473 tsu_render;
474 endtsuglyph;
475

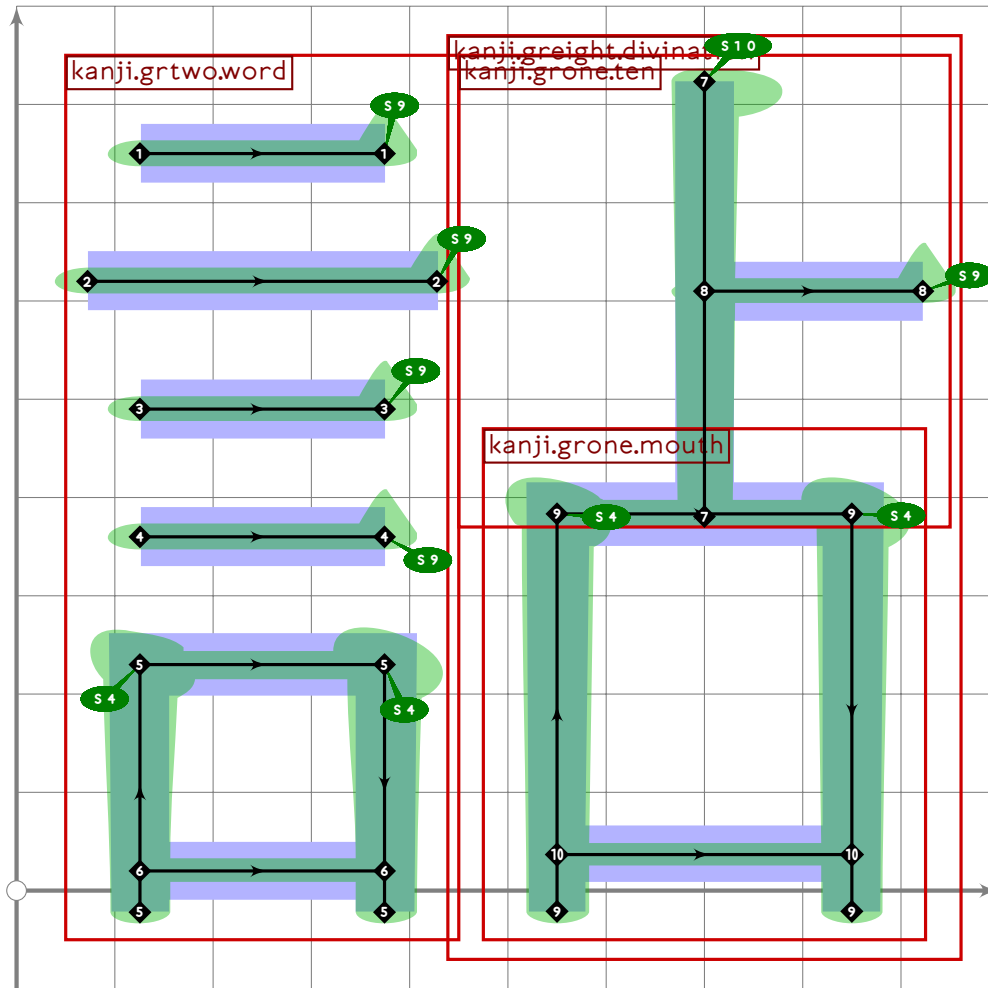
```



```

476 % extra
477 begintsuglyph("uni8A3C",60);
478   build_kanji.level(build_kanji.lr(450,0)
479     (kanji.grtwo.word)
480     (kanji.grone.correct));
481   tsu_render;
482 endtsuglyph;
483

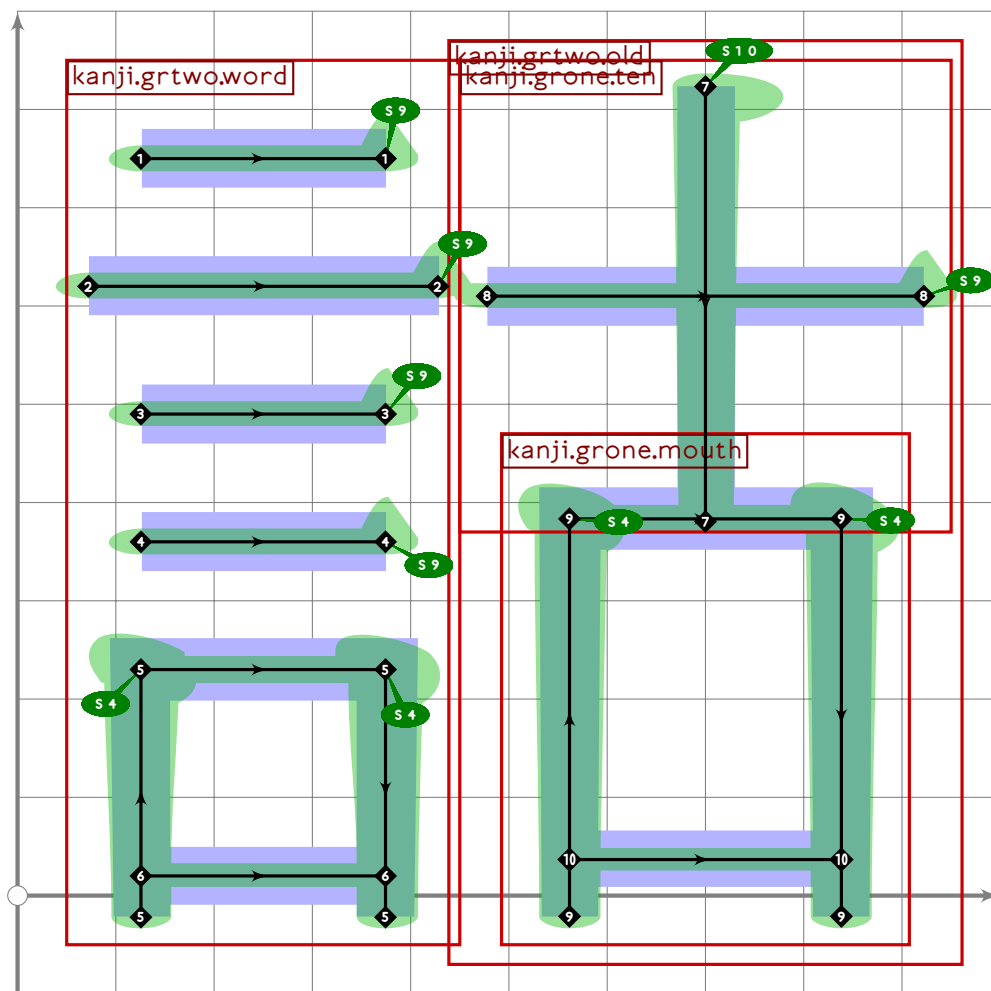
```



```

484 % extra
485 begintsuglyph("uni8A40",64);
486   build_kanji.level(build_kanji.lr(450,0)
487     (kanji.grtwo.word)
488     (kanji.greight.divination));
489   tsu_render;
490 endtsuglyph;
491

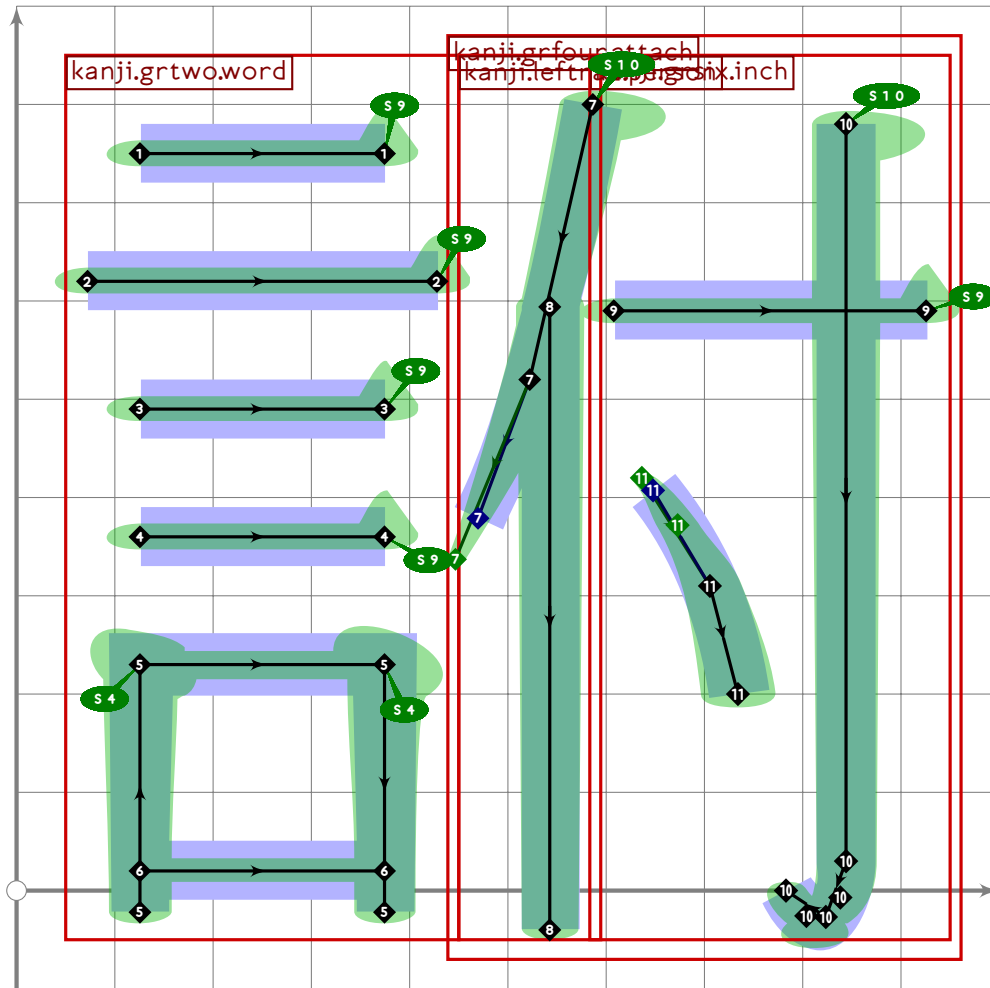
```



```

492 % extra
493 begintsuglyph("uni8A41",65);
494   build_kanji.level(build_kanji.lr(450,0)
495     (kanji.grtwo.word)
496     (kanji.grtwo.old));
497   tsu_render;
498 endtsuglyph;
499

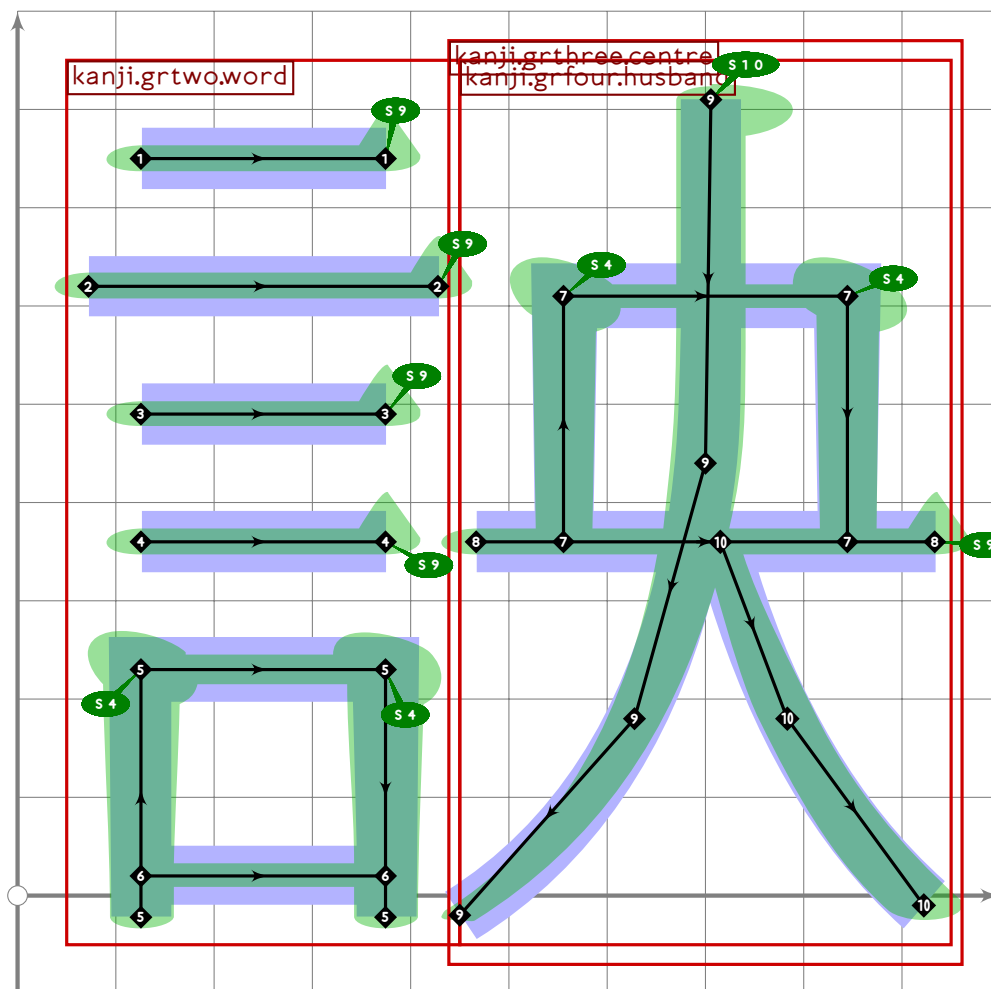
```



```

500 % extra
501 begintsuglyph("uni8A42";66);
502   build_kanji.level(build_kanji.lr(450,0)
503     (kanji.grtwo.word)
504     (kanji.grfour.attach));
505   tsu_render;
506 endtsuglyph;
507

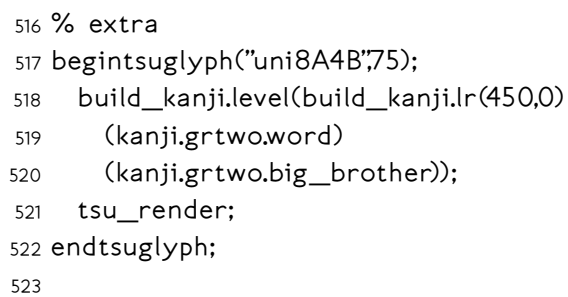
```



```

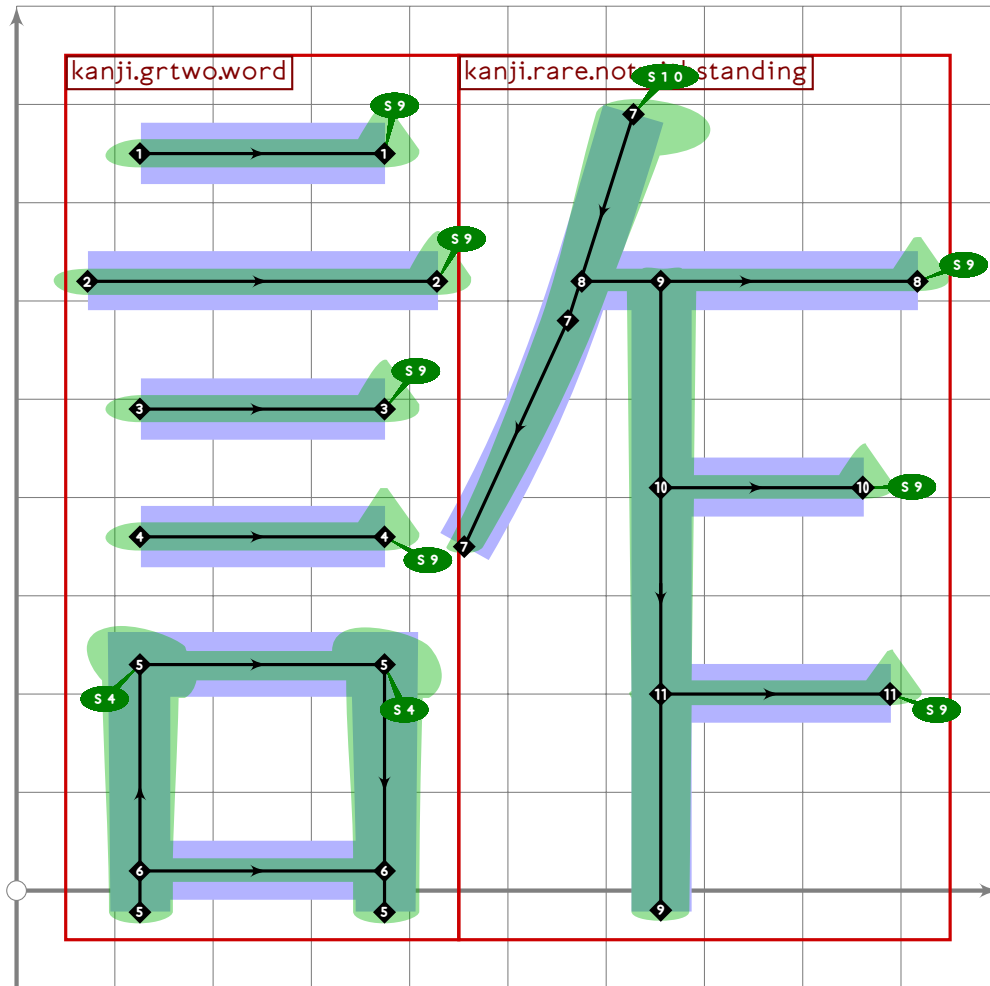
508 % extra
509 begintsuglyph("uni8A47";71);
510   build_kanji.level(build_kanji.lr(450,0)
511     (kanji.grtwo.word)
512     (kanji.grthree.centre));
513   tsu_render;
514 endtsuglyph;
515

```



U+8A50
tsuku.uni8A50

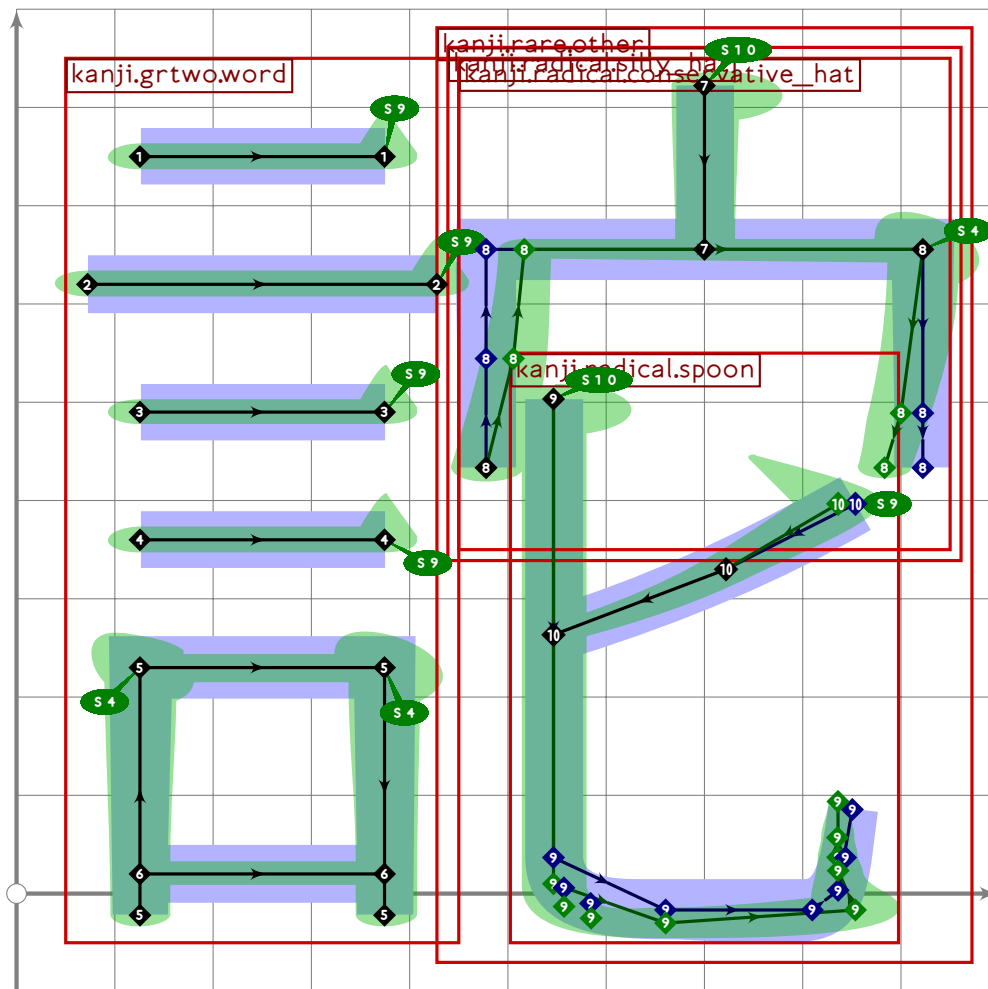
8A



```

524 % extra
525 begintsuglyph("uni8A50";80);
526   build_kanji.level(build_kanji.lr(450,0)
527     (kanji.grtwo.word)
528     (kanji.rare.notwithstanding));
529   tsu_render;
530 endtsuglyph;
531

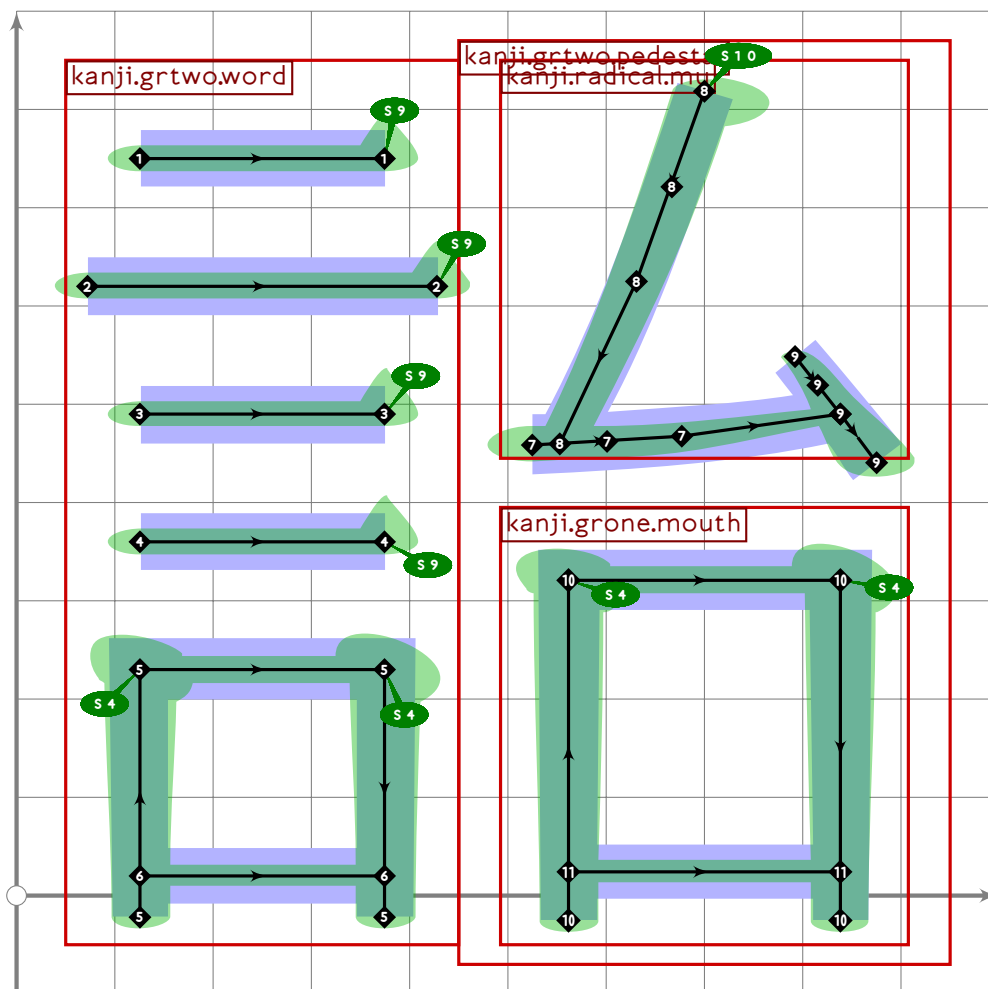
```

```

532 % extra
533 begintsuglyph("uni8A51";81);
534   build_kanji.level(build_kanji.lr(450,0)
535     (kanji.grtwo.word)
536     (kanji.rare.other));
537   tsu_render;
538 endtsuglyph;
539

```



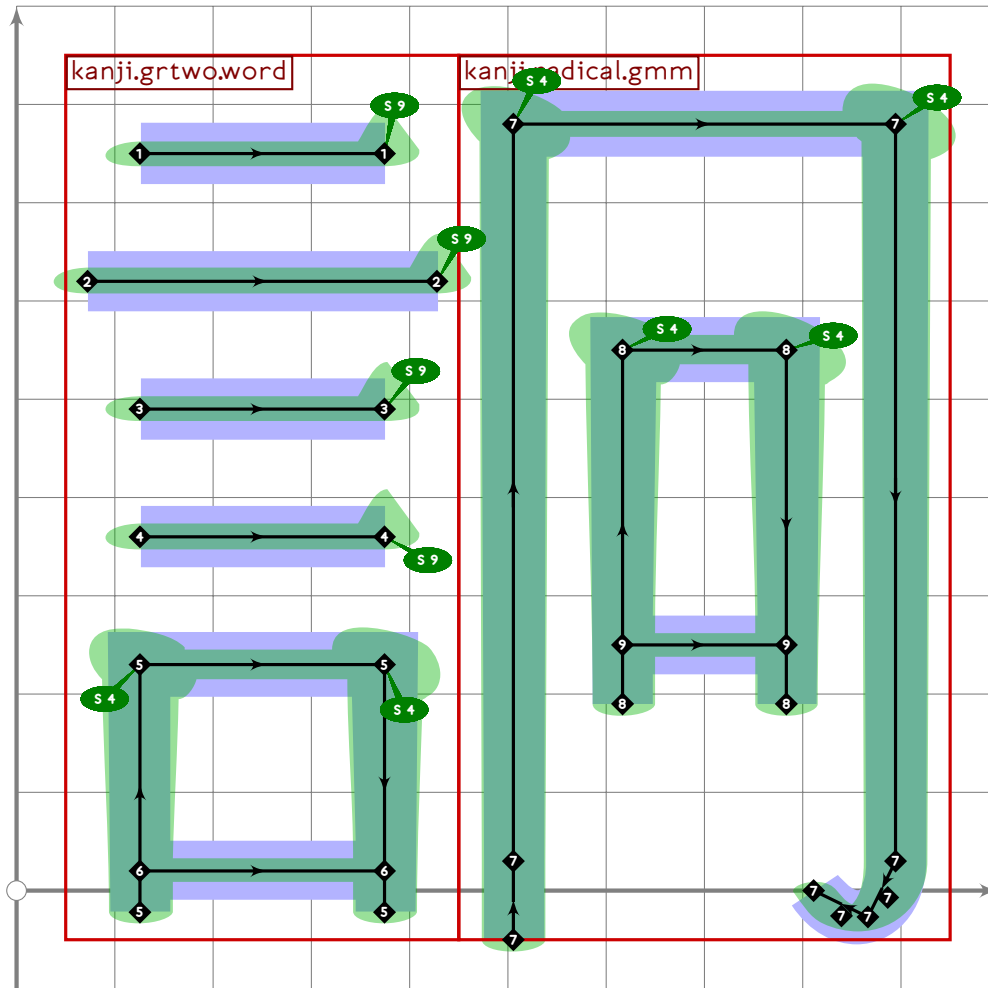
```

540 % extra
541 begintsuglyph("uni8A52";82);
542   build_kanji.level(build_kanji.lr(450,0)
543     (kanji.grtwo.word)
544     (kanji.grtwo.pedestal));
545   tsu_render;
546 endtsuglyph;
547
548 % shou/mikotonori "imperial edict"
549 begintsuglyph("uni8A54";84);
550   kanji.greight.edict;
551   tsu_render;
552 endtsuglyph;
553
554 % hyou "evaluate"
555 begintsuglyph("uni8A55";85);
556   kanji.grfive.evaluate;
557   tsu_render;
558 endtsuglyph;
559

```

[see page 2732]

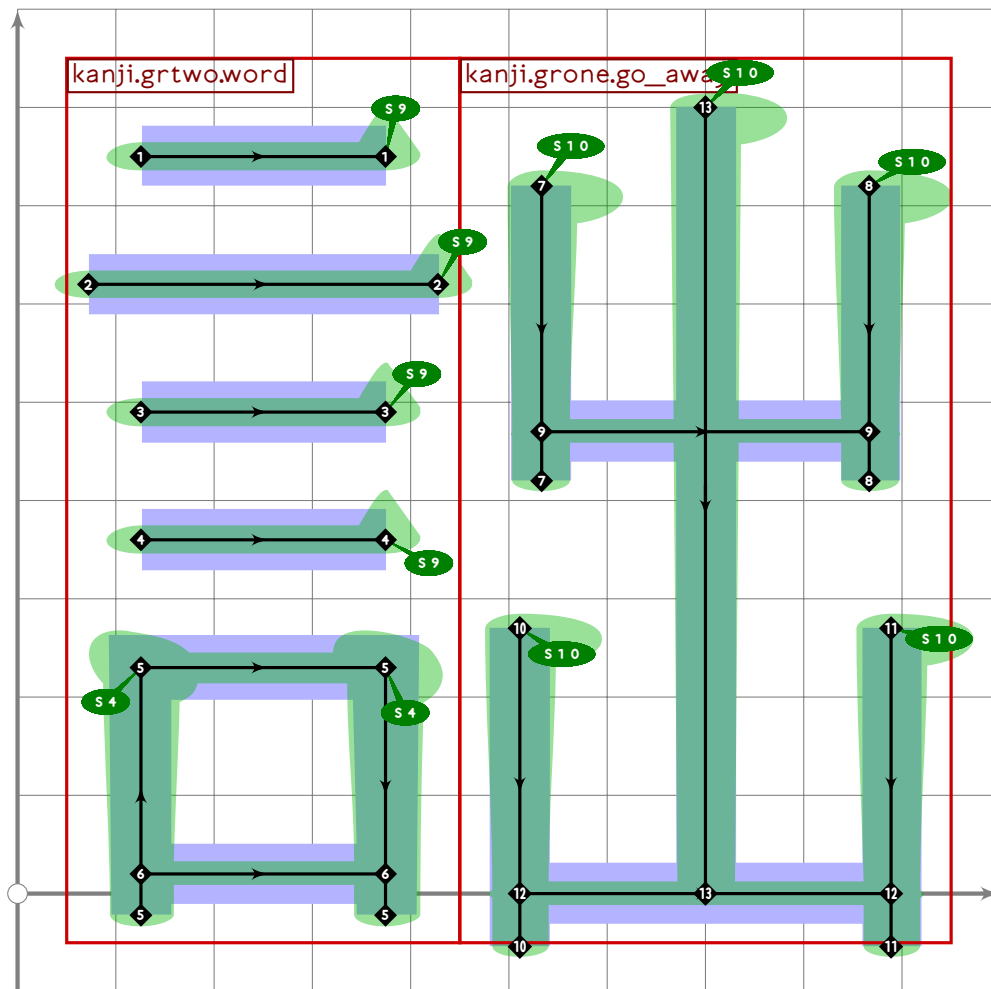
[see page 2722]



```

560 % extra
561 begintsuglyph("uni8A57";87);
562   build_kanji.level(build_kanji.lr(450,0)
563     (kanji.grtwo.word)
564     (kanji.radical.gmm;
565       build_kanji.box((350,550),(650,250));));
566   tsu_render;
567 endtsuglyph;
568

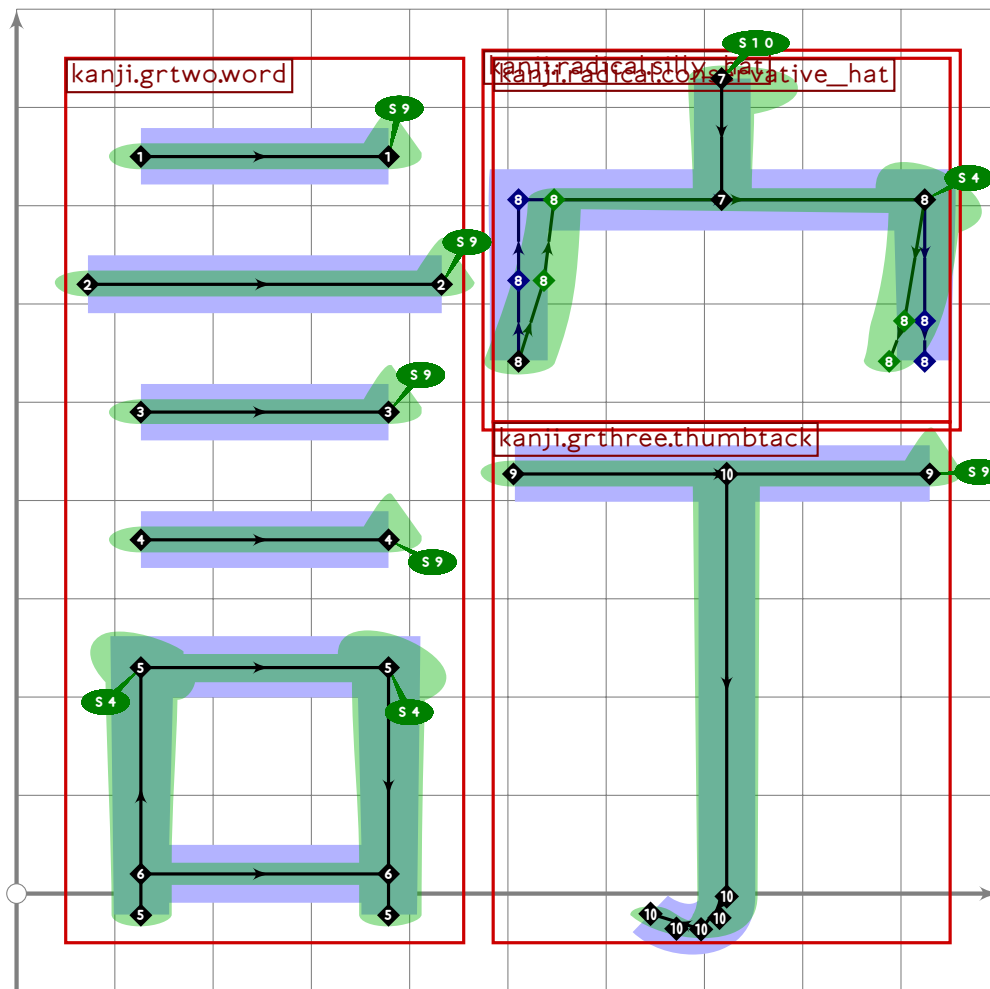
```



```

569 % extra
570 begintsuglyph("uni8A58";88);
571   build_kanji.level(build_kanji.lr(450,0)
572     (kanji.grtwo.word)
573     (kanji.grone.go_away));
574   tsu_render;
575 endtsuglyph;
576

```



```

577 % extra
578 begintsuglyph("uni8A5D";93);
579   build_kanji.level(build_kanji.lr(470,30)
580     (kanji.grtwo.word)
581     (build_kanji.tb(480,0)
582       (kanji.radical.silly_hat)
583       (kanji.grthree.thumbtack)));
584   tsu_render;
585 endtsuglyph;
586
587 % shi "part of speech"
588 begintsuglyph("uni8A5E";94);
589   kanji.grsix.part_of_speech;
590   tsu_render;
591 endtsuglyph;
592
593 % kei/mou "pilgrimage"
594 begintsuglyph("uni8A63";99);
595   kanji.greight.pilgrimage;
596   tsu_render;
597 endtsuglyph;

```

[see page 2728]

[see page 2733]

598
 599 % shi/kokoro "test"
 600 begintsuglyph("uni8A66";102); [see page 2721]
 601 kanji.grfour.test;
 602 tsu_render;
 603 endtsuglyph;
 604
 605 % shi/uta "poem"
 606 begintsuglyph("uni8A69";105); [see page 2716]
 607 kanji.grthree.poem;
 608 tsu_render;
 609 endtsuglyph;
 610
 611 % wa/hana "talk"
 612 begintsuglyph("uni8A71";113); [see page 2714]
 613 kanji.grtwo.talk;
 614 tsu_render;
 615 endtsuglyph;
 616
 617 % shi "magazine"
 618 begintsuglyph("uni8A8C";140); [see page 2726]
 619 kanji.grsix.magazine;
 620 tsu_render;
 621 endtsuglyph;
 622
 623 % tan "nativity"
 624 begintsuglyph("uni8A95";149); [see page 2727]
 625 kanji.grsix.nativity;
 626 tsu_render;
 627 endtsuglyph;
 628
 629 % go/kata "language"
 630 begintsuglyph("uni8A9E";158); [see page 2711]
 631 kanji.grtwo.language;
 632 tsu_render;
 633 endtsuglyph;
 634
 635 % setsu/to "preach"
 636 begintsuglyph("uni8AAC";172); [see page 2720]
 637 kanji.grfour.preach;
 638 tsu_render;
 639 endtsuglyph;
 640
 641 % goku/yo "read"
 642 begintsuglyph("uni8AAD";173); [see page 2713]
 643 kanji.grtwo.read;
 644 tsu_render;
 645 endtsuglyph;

646
647 % sui/dare "who"
648 begintsuglyph("uni8AB0",176); [see page 2735]
649 kanji.greight.who;
650 tsu_render;
651 endtsuglyph;
652
653 % ka "lesson"
654 begintsuglyph("uni8AB2",178); [see page 2719]
655 kanji.grfour.lesson;
656 tsu_render;
657 endtsuglyph;
658
659 % chou/shira "tune"
660 begintsuglyph("uni8ABF",191); [see page 2717]
661 kanji.grthree.tune;
662 tsu_render;
663 endtsuglyph;
664
665 % dan "discuss"
666 begintsuglyph("uni8AC7",199); [see page 2715]
667 kanji.grthree.discuss;
668 tsu_render;
669 endtsuglyph;
670
671 % sho/moro "various"
672 begintsuglyph("uni8AF8",248); [see page 2730]
673 kanji.grsix.various;
674 tsu_render;
675 endtsuglyph;
676
677

678
679 endfont;
680
681

tsuku-8b.mp

8B

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

```
37 input gradeeight.mp;
```

```
38 input gradefive.mp;
```

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

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

```
41 input gradesix.mp;
```

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

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

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

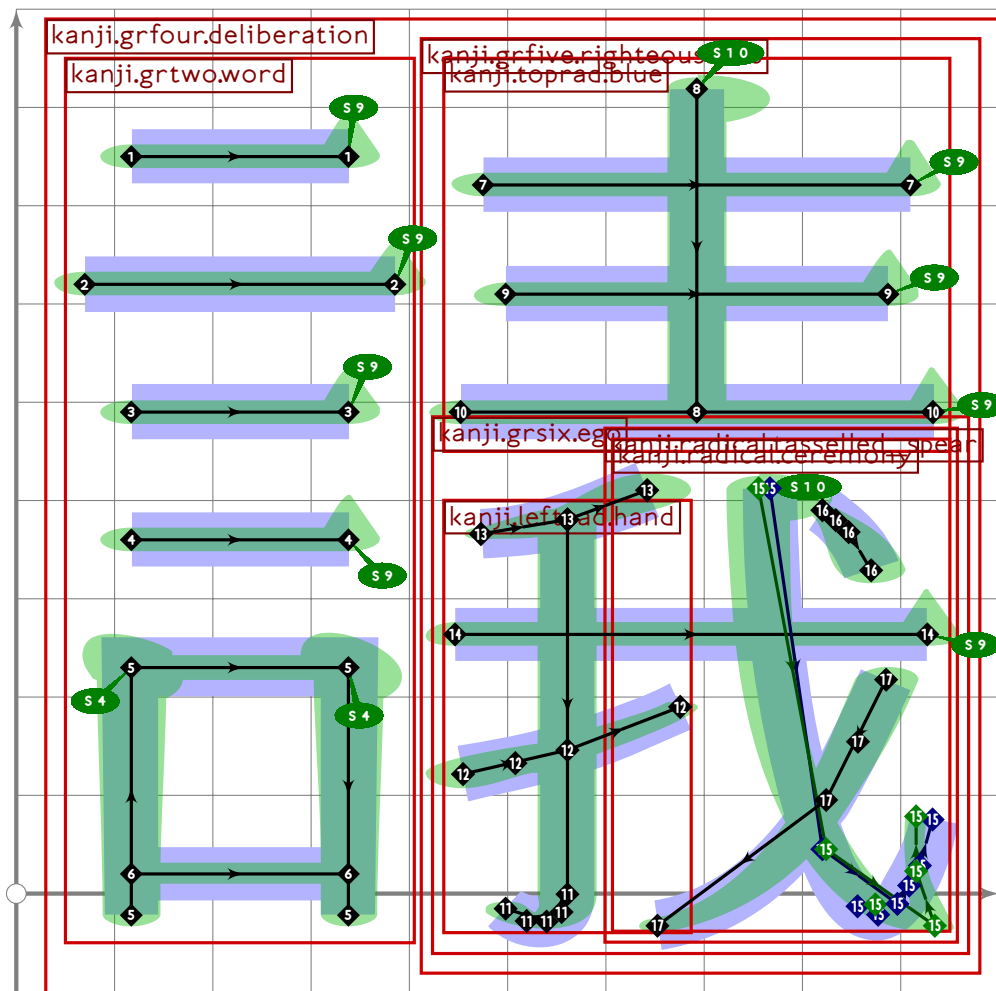
```
45 input toprad.mp;
```

```
46
```

```
47 do_late_includes;
```

```
48
```

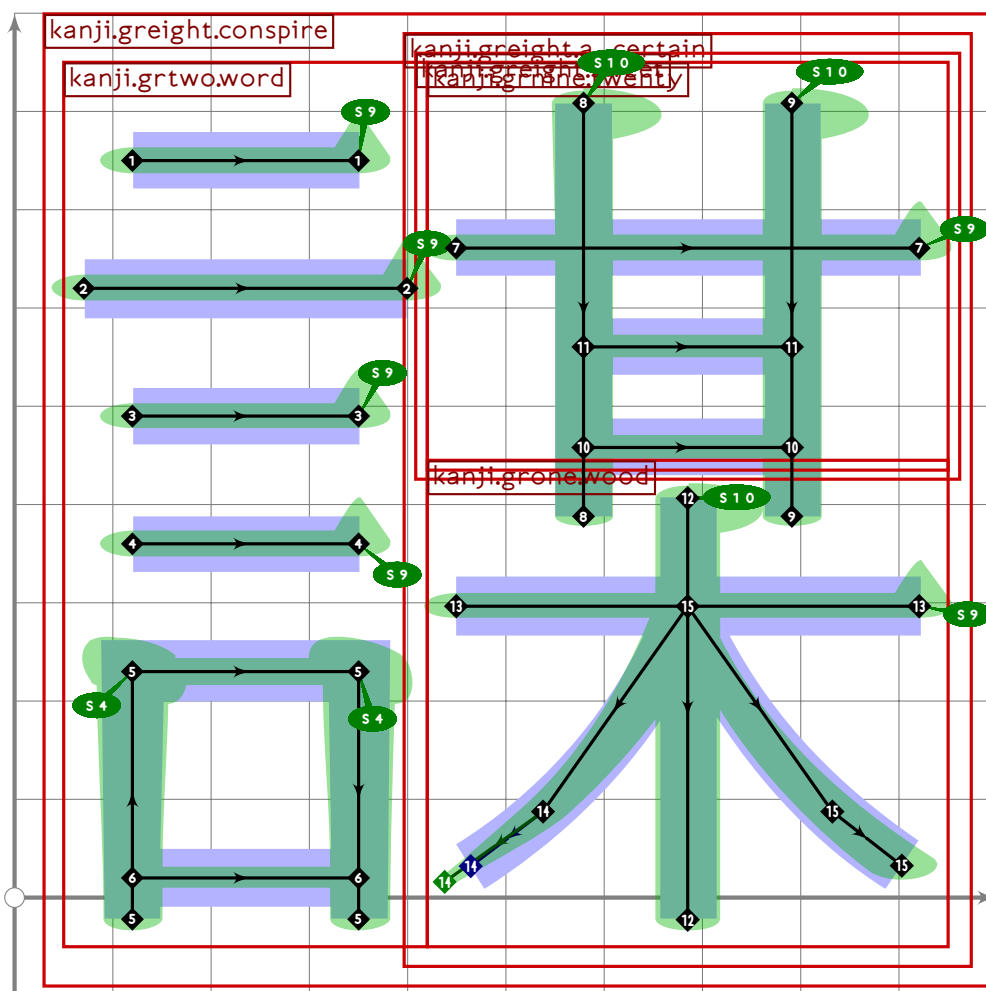
```
49
```



```

50
51 vardef kanji.grfour.deliberation =
52   push_pbox_toexpand("kanji.grfour.deliberation");
53   build_kanji.level(build_kanji.lr(420,30)
54     (kanji.grtwo.word)
55     (kanji.grfive.righteousness));
56   expand_pbox;
57 enddef;
58
59

```



```

60
61 vardef kanji.greight.conspire =
62   push_pbox_toexpand("kanji.greight.conspire");
63   build_kanji.level(build_kanji.lr(420,0)
64     (kanji.grtwo.word)
65     (kanji.greight.a_certain));
66   expand_pbox;
67 enddef;
68
69
70
71 % bou/haka "conspire"
72 beginsuglyph("uni8B00",0);
73   kanji.greight.conspire;
74   tsu_render;
75 endtsuglyph;
76
77 % gi/kata "deliberation"
78 beginsuglyph("uni8B70",112);
79   kanji.grfour.deliberation;
80   tsu_render;

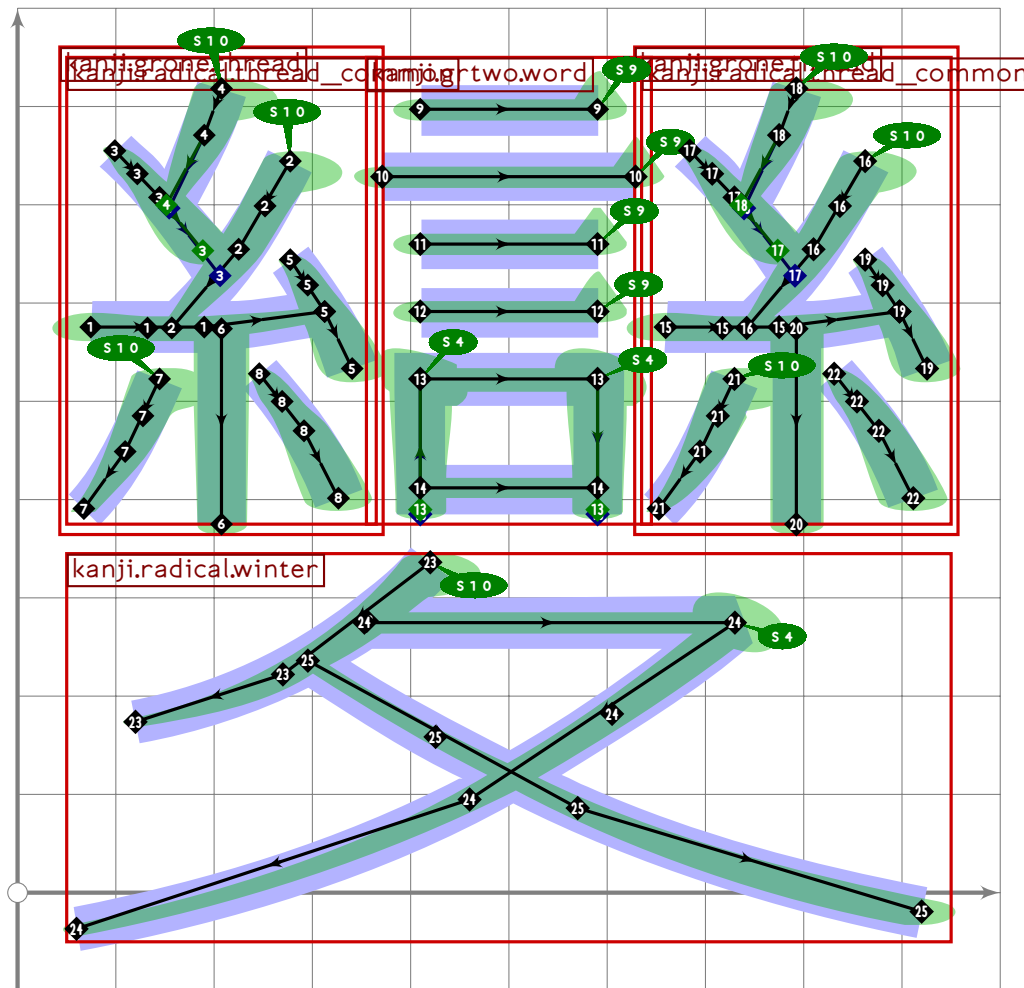
```

[see page 2768]

[see page 2767]

81 endtsuglyph;

82



8B

83 % extra: alternate "hen"

84 begintuglyph("uni8B8A",138);

85 build_kanji.level(build_kanji.tb(360,30)

86 (build_kanji.lcr(360,10)(640,10)

87 (kanji.grone.thread)

88 (kanji.grtwo.word)

89 (kanji.grone.thread))

90 (kanji.radical.winter));

91 tsu_render;

92 endtsuglyph;

93

94

95

96 endfont;

97

98

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

```
30
```

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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;
```

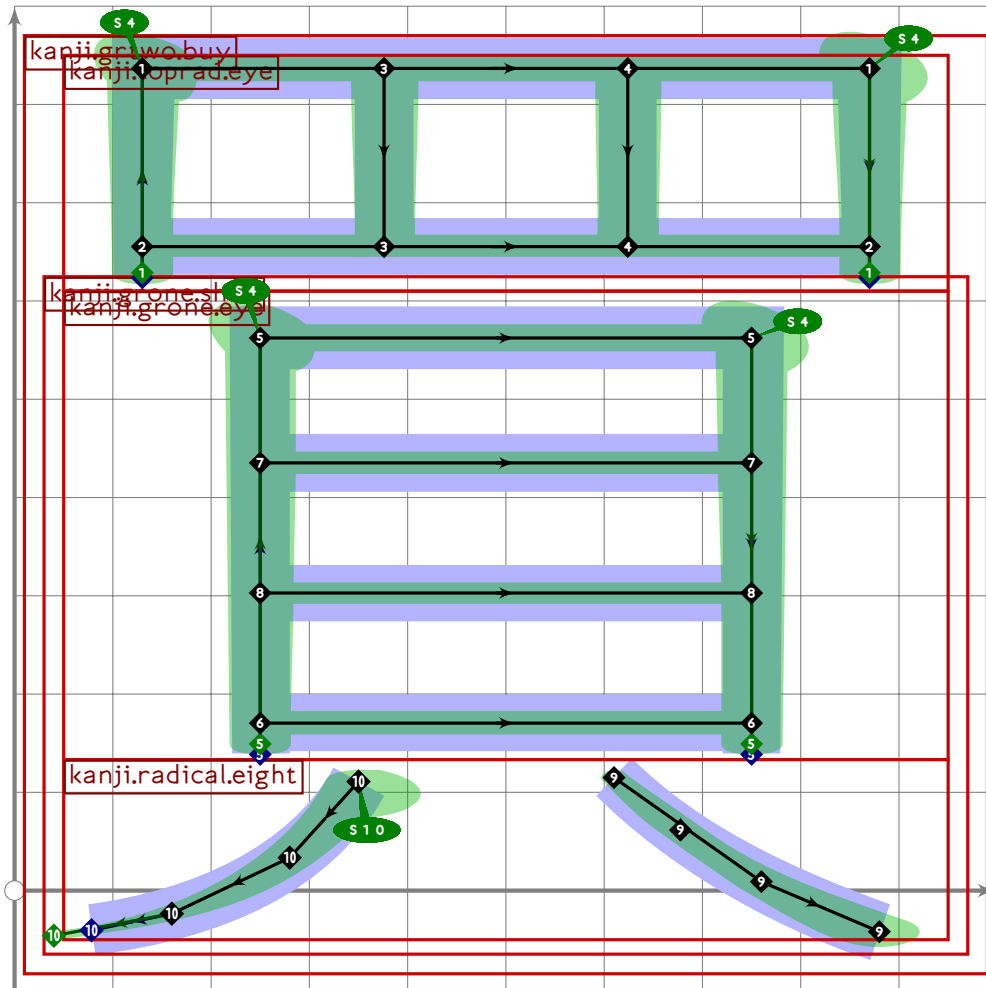
```
45 input toprad.mp;
```

```
46
```

```
47 do_late_includes;
```

```
48
```

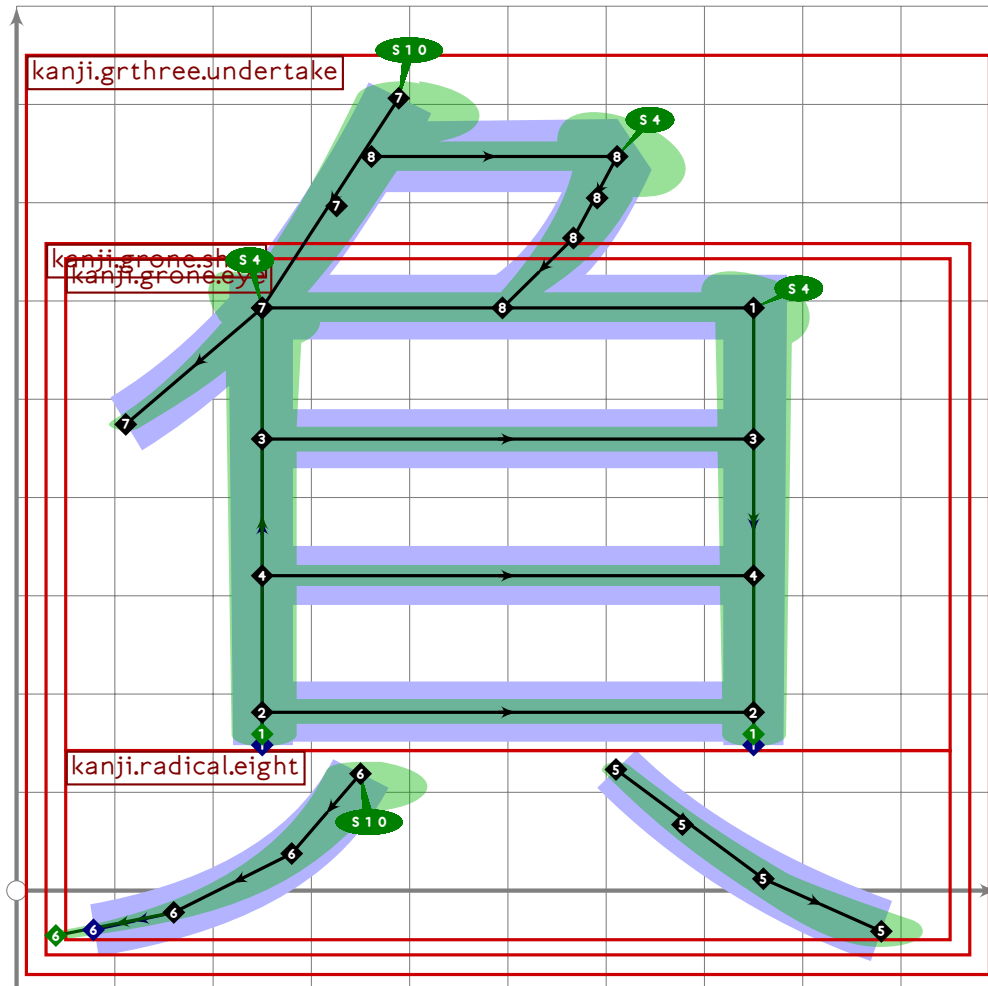
```
49
```



```

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.eye)
55     (kanji.grone.shell));
56   expand_pbox;
57 enddef;
58
59

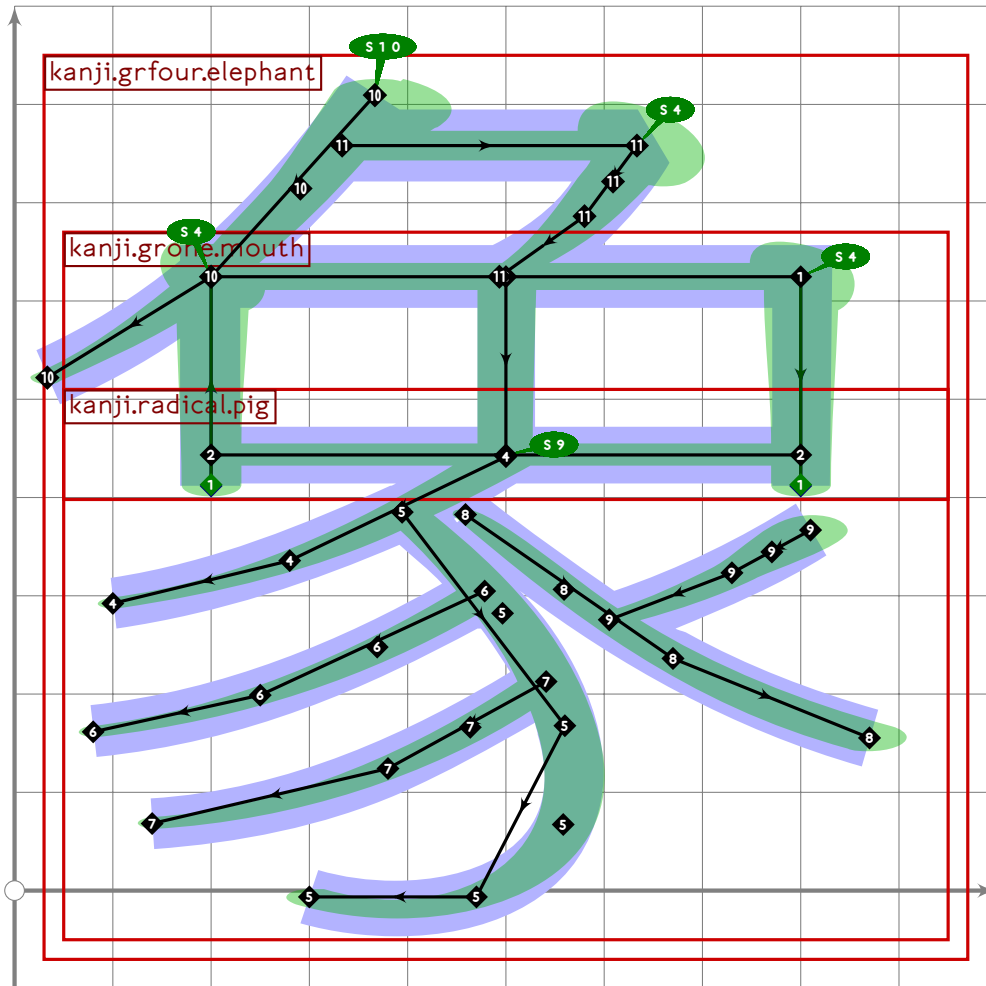
```



```

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

```

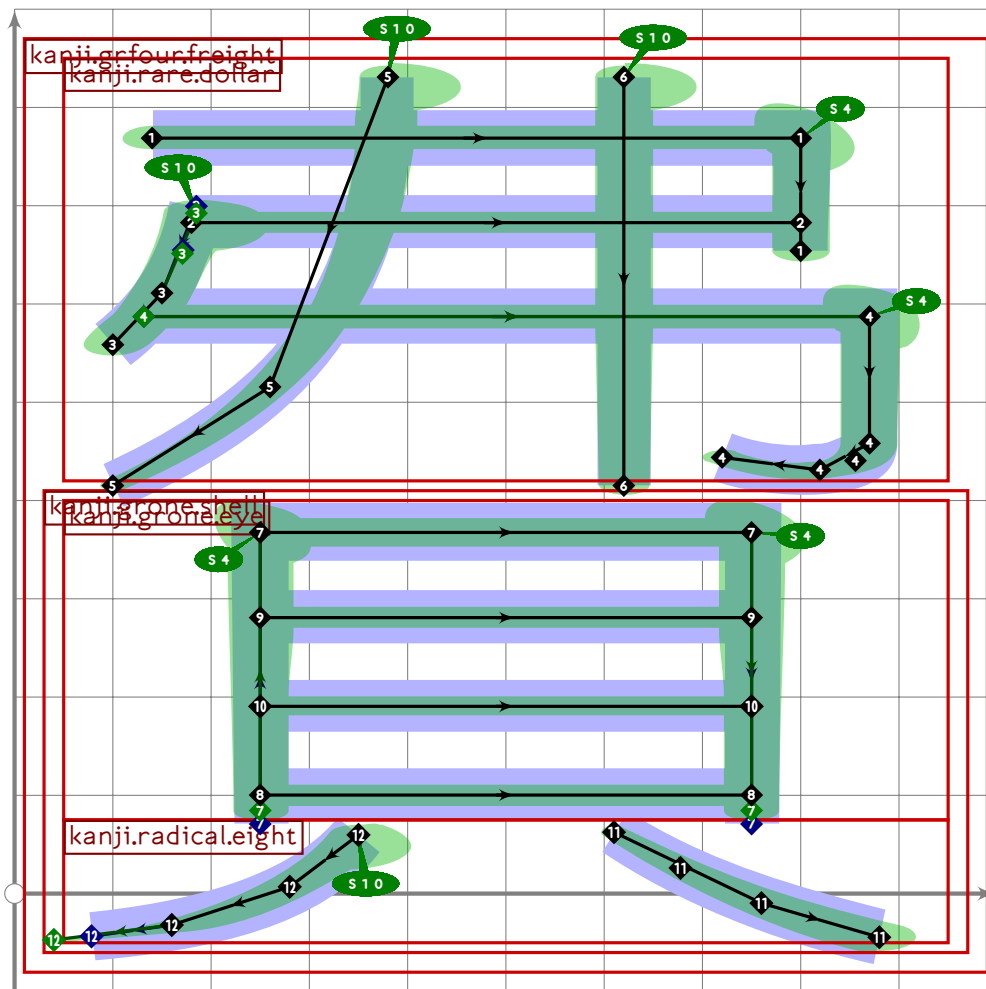


```

68
69 vardef kanji.grfour.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)-(14,14)));
78   expand_pbox;
79 enddef;

```

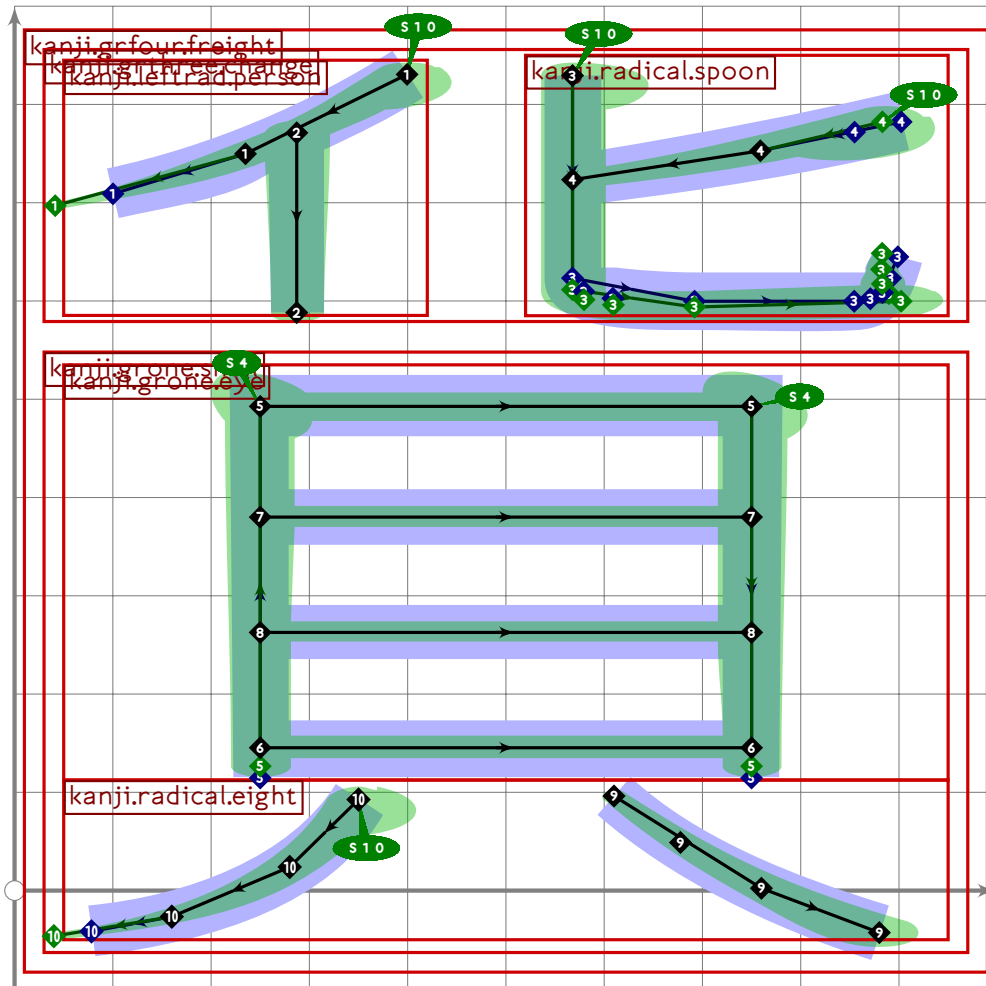
8C



```

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;

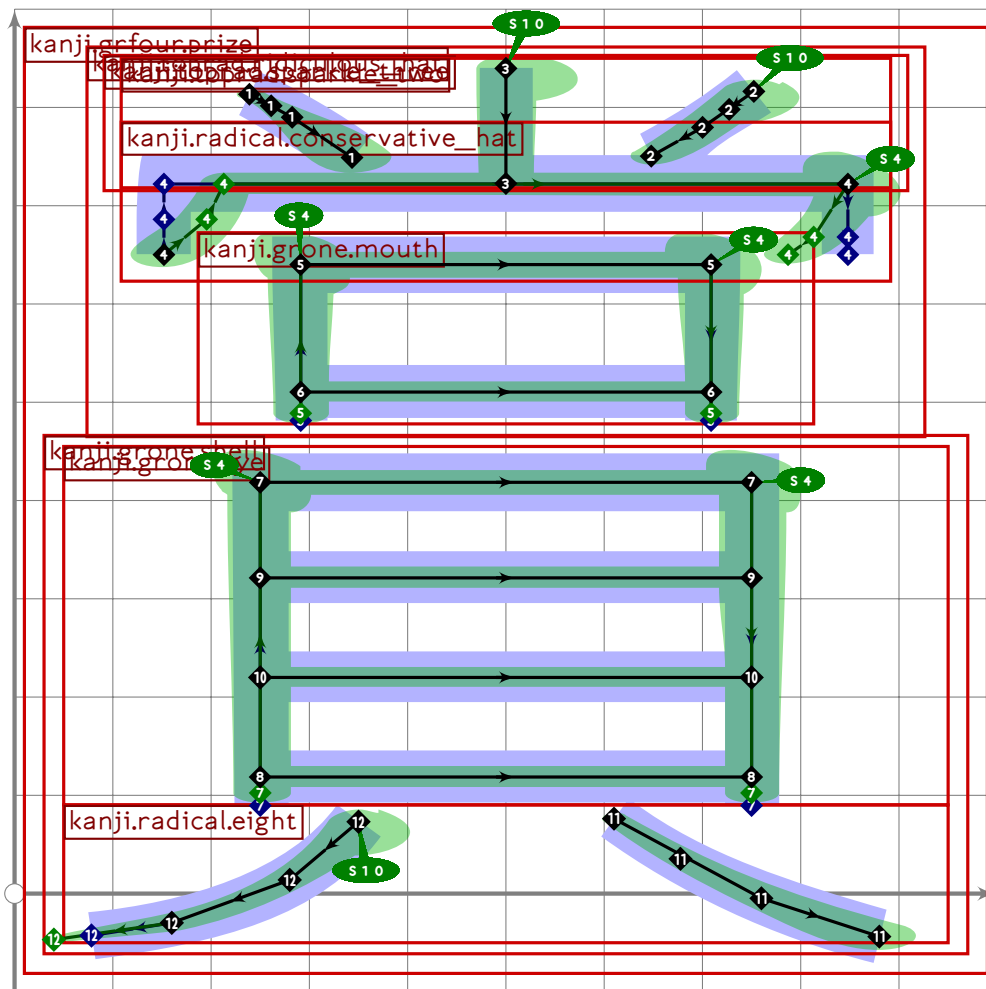
```

```

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;

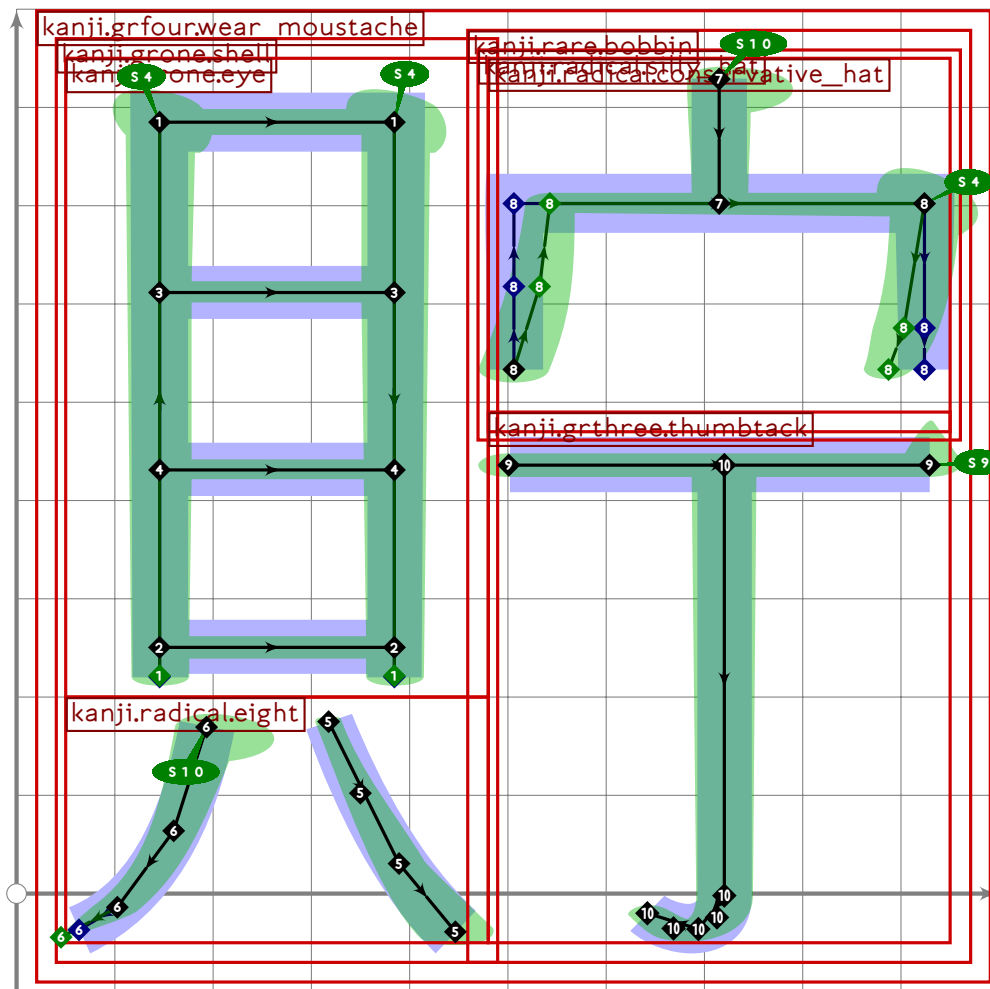
```



```

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;

```



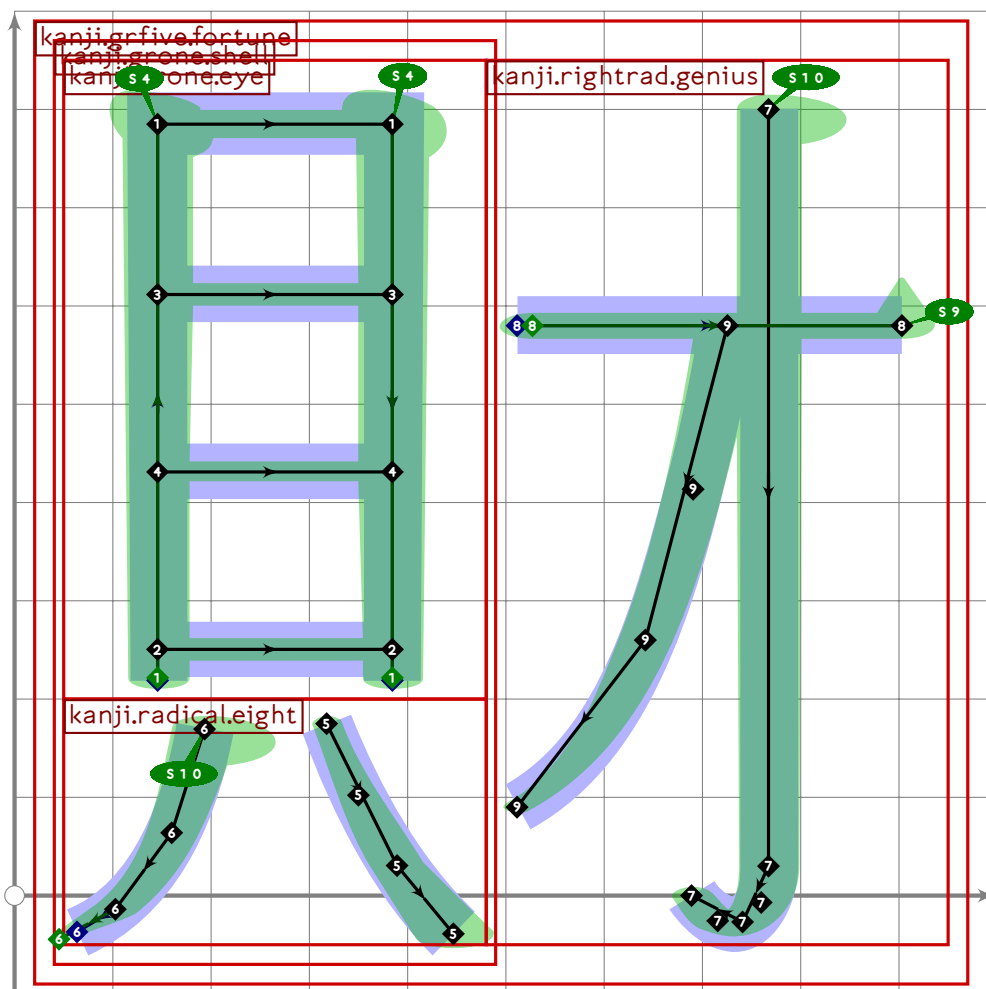
8C

```

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;
130
131 % tou/mame "bean"
132 beginsuglyph("uni8C46";70);
133   kanji.grthree.bean;
134   tsu_render;

```

[see page 549]

[see page 559]

135 endtsuglyph;
 136
 137 % inoko "pig" radical
 138 begintsuglyph("uni8C55";85); [see page 707]
 139 kanji.radical.pig;
 140 tsu_render;
 141 endtsuglyph;
 142
 143 % shou/katado "elephant" or "to imitate"
 144 begintsuglyph("uni8C61";97); [see page 2773]
 145 kanji.grfour.elephant;
 146 tsu_render;
 147 endtsuglyph;
 148
 149 % bai/kai "shellfish"
 150 begintsuglyph("uni8C9D";157); [see page 467]
 151 kanji.grone.shell;
 152 tsu_render;
 153 endtsuglyph;
 154
 155 % fu/ma "undertake"
 156 begintsuglyph("uni8CA0";160); [see page 2772]
 157 kanji.grthree.undertake;
 158 tsu_render;
 159 endtsuglyph;
 160
 161 % zai/takara "fortune"
 162 begintsuglyph("uni8CA1";161); [see page 2778]
 163 kanji.grfive.fortune;
 164 tsu_render;
 165 endtsuglyph;
 166
 167 % ka/takara "freight"
 168 begintsuglyph("uni8CA8";168); [see page 2775]
 169 kanji.grfour.freight;
 170 tsu_render;
 171 endtsuglyph;
 172
 173 % seki/se "blame"
 174 begintsuglyph("uni8CAC";172); [see page 637]
 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 2777]
 182 kanji.grfour.wear_moustache;

```
183   tsu_render;
184 endtsuglyph;
185
186 % gai/ka "buy"
187 begintsuglyph("uni8CB7",183); [see page 2771]
188   kanji.grtwo.buy;
189   tsu_render;
190 endtsuglyph;
191
192 % hi/tsui "expense"
193 begintsuglyph("uni8CBB",187); [see page 2774]
194   kanji.grfour.expense;
195   tsu_render;
196 endtsuglyph;
197
198 % fun "decorate" (needed for greight.indignation)
199 begintsuglyph("uni8CC1",193); [see page 822]
200   kanji.rare.decorate;
201   tsu_render;
202 endtsuglyph;
203
204 % shuu/ho "prize"
205 begintsuglyph("uni8CDE",222); [see page 2776]
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 

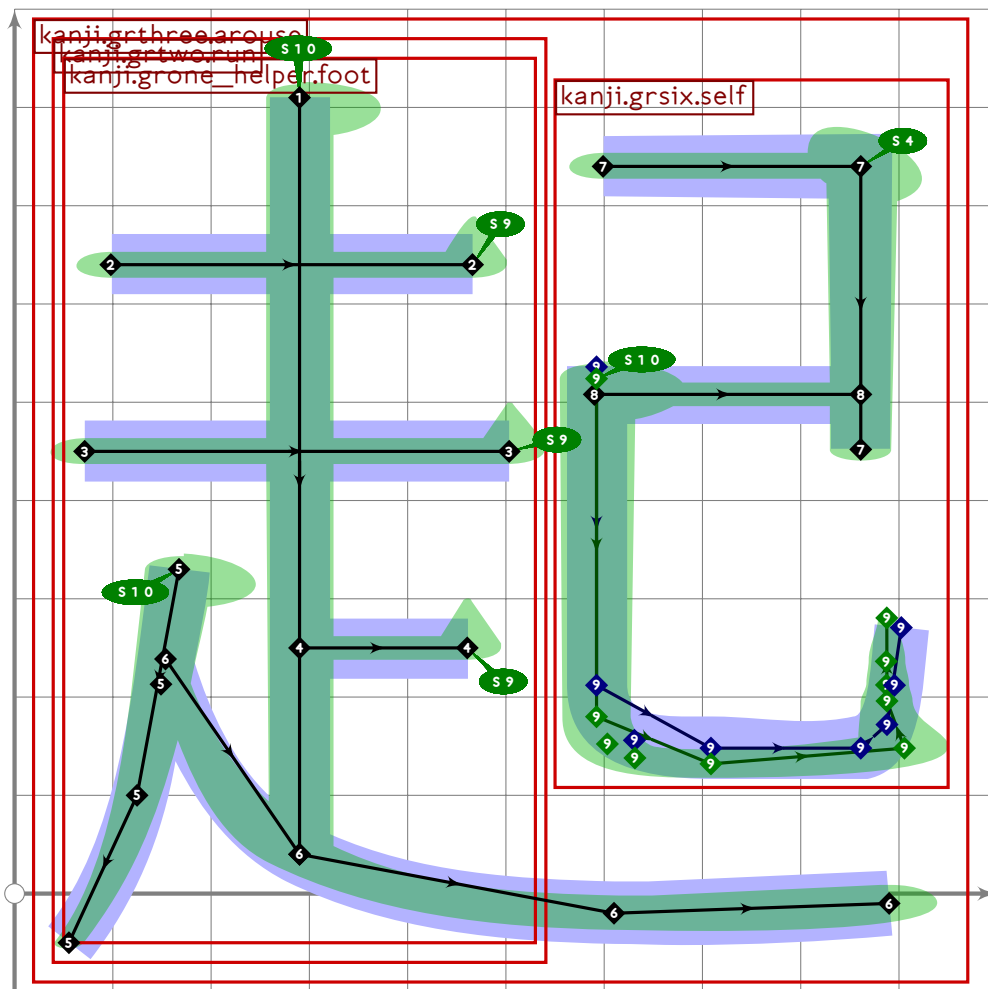
---


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 

---


```

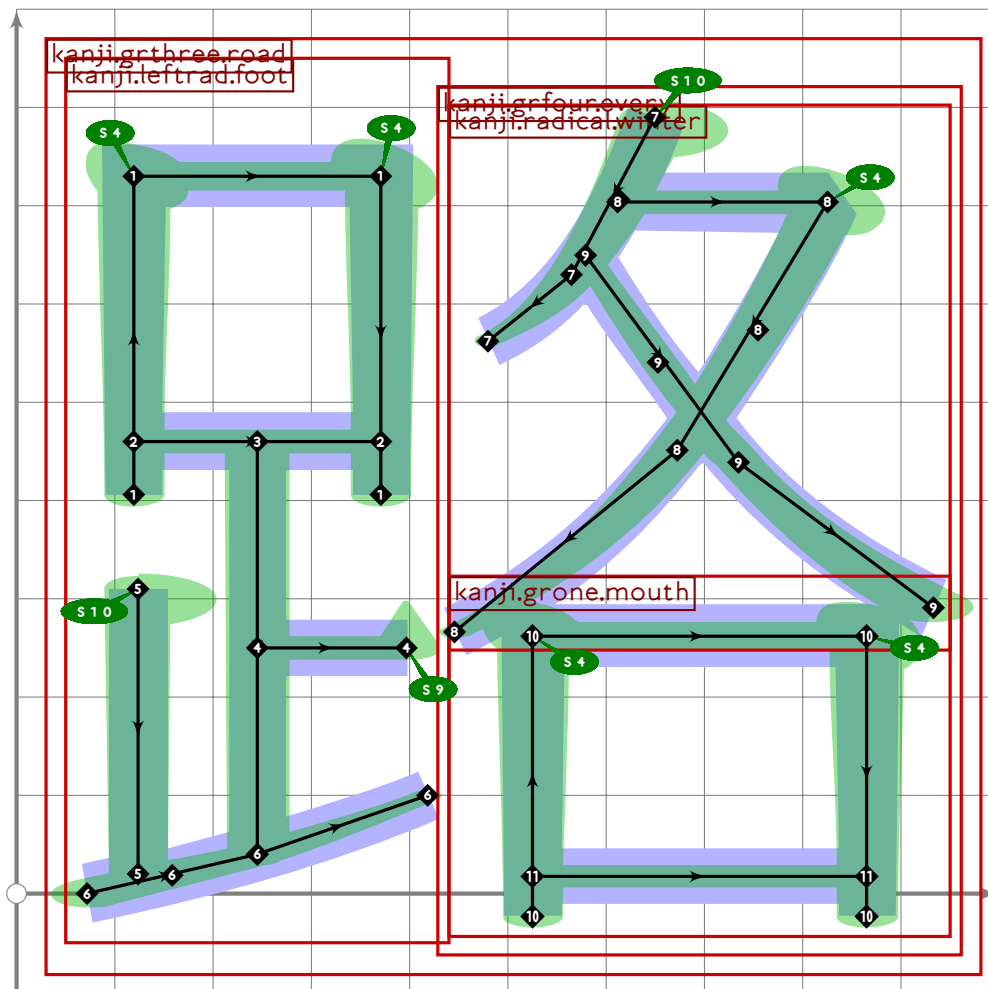
8D



```

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

```

[see page 461]

[see page 540]

```
78 endtsuglyph;
79
80 % ki/o "arouse"
81 begintsuglyph("uni8D77",119); [see page 2782]
82   kanji.grthree.arouse;
83   tsu_render;
84 endtsuglyph;
85
86 % ashi/soku "foot"
87 begintsuglyph("uni8DB3",179); [see page 436]
88   kanji.grone.foot;
89   tsu_render;
90 endtsuglyph;
91
92 % ro/michi "road"
93 begintsuglyph("uni8DEF",239); [see page 2783]
94   kanji.grthree.road;
95   tsu_render;
96 endtsuglyph;
97
98 _____
99
100 endfont;
101
102 _____
```

tsuku-8e.mp

8E

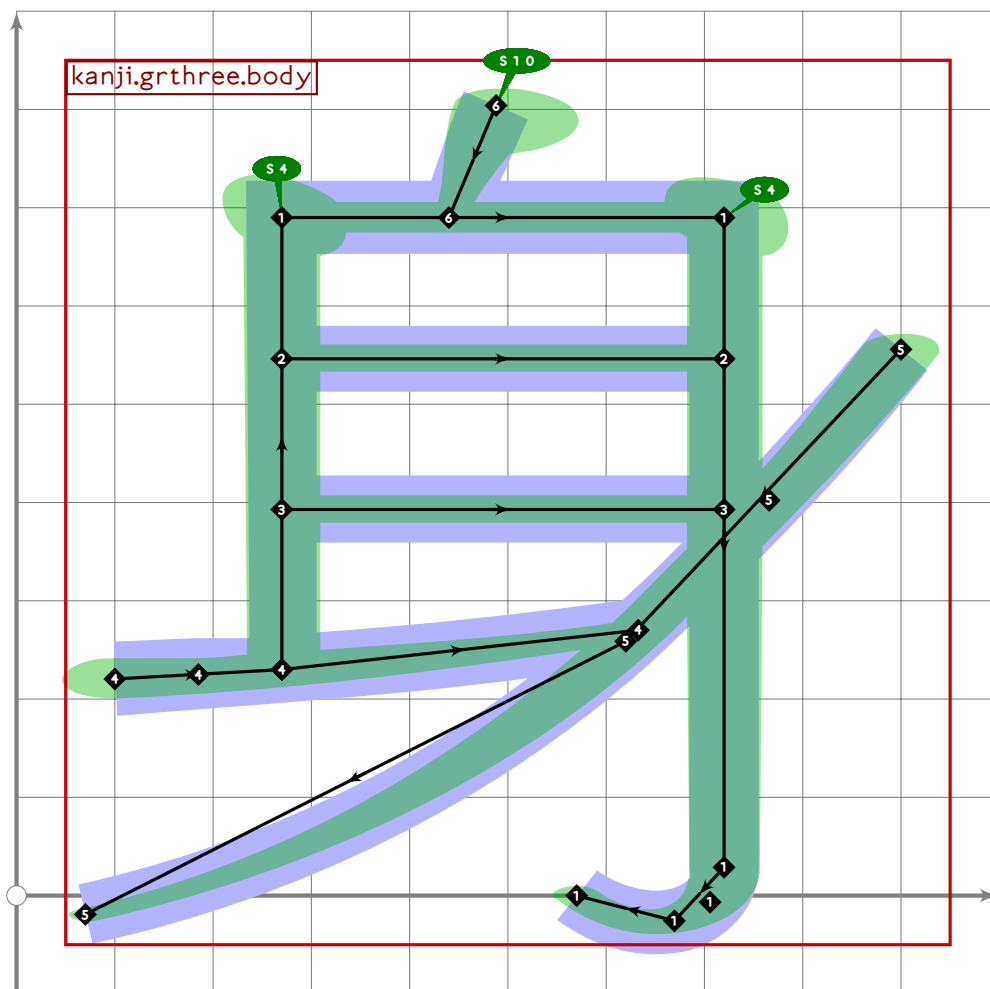
```
1 %
2 % Unicode page 8E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



```

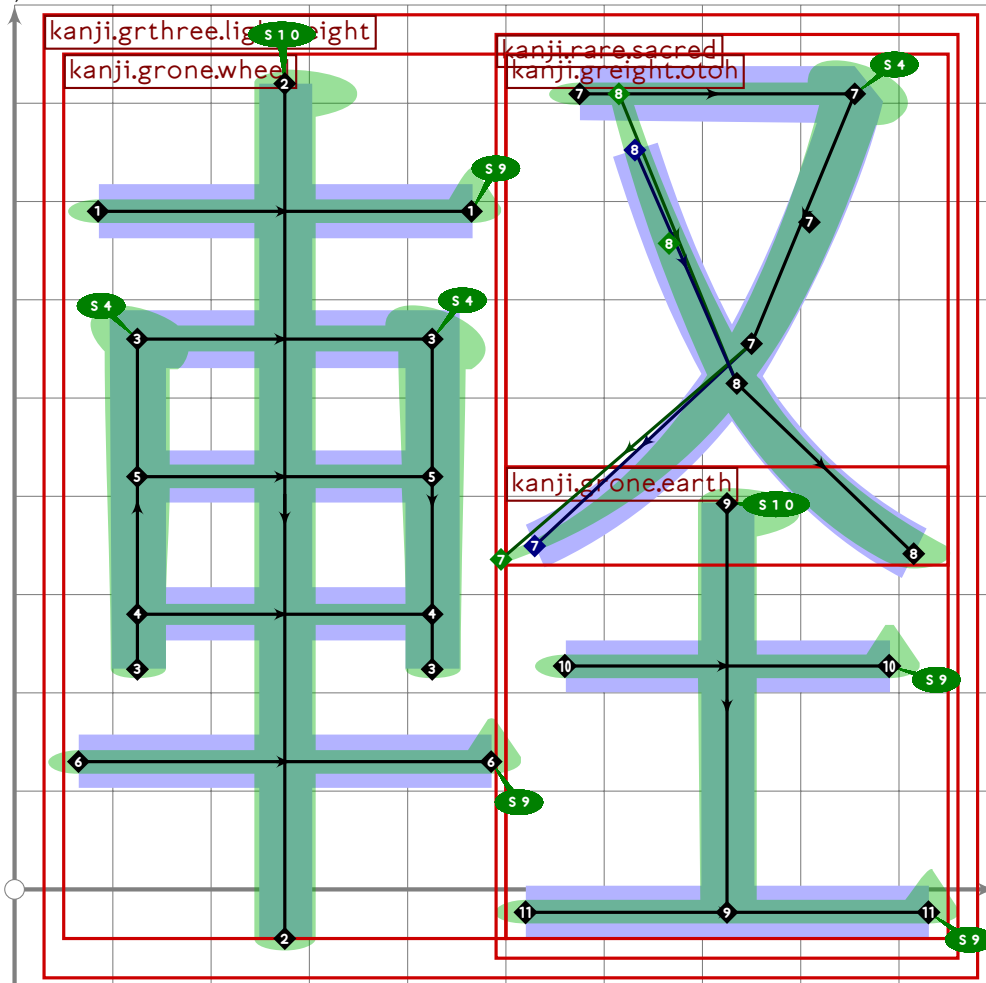
47
48 vardef kanji.grthree.body =
49   push_pbox_toexpand("kanji.grthree.body");
50   build_kanji.attach_tick(690)(
51     push_stroke((270,240)–(270,720)–(720,720),
52       (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
53   build_kanji.add_jtail(0);
54   set_boserif(0,1,4);
55   set_boserif(0,2,4);
56   set_botip(0,1,1);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

```

```

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

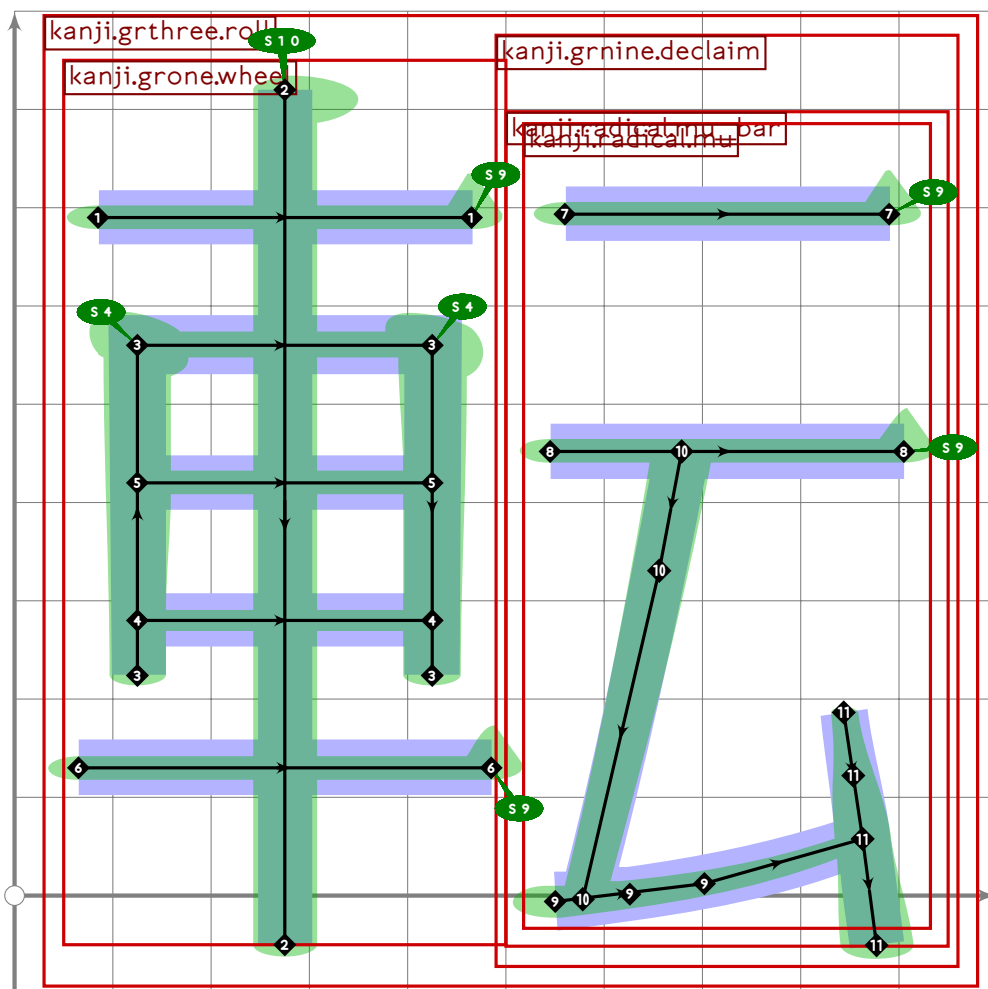
```



```

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

```



```

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 2786]

[see page 479]

```

107 endtsuglyph;
108
109 % gun/ikusa "army"
110 begintsuglyph("uni8ECD";205); [see page 603]
111   kanji.grfour.army;
112   tsu_render;
113 endtsuglyph;
114
115 % ten/koro "roll"
116 begintsuglyph("uni8EE2";226); [see page 2788]
117   kanji.grthree.roll;
118   tsu_render;
119 endtsuglyph;
120
121 % kei/karu "lightweight"
122 begintsuglyph("uni8EFD";253); [see page 2787]
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 bkencl.mp;
```

```
37 input buildkanji.mp;
```

```
38 input gradeeight.mp;
```

```
39 input gradefive.mp;
```

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

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

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

```
43 input radical.mp;
```

```
44 input rare.mp;
```

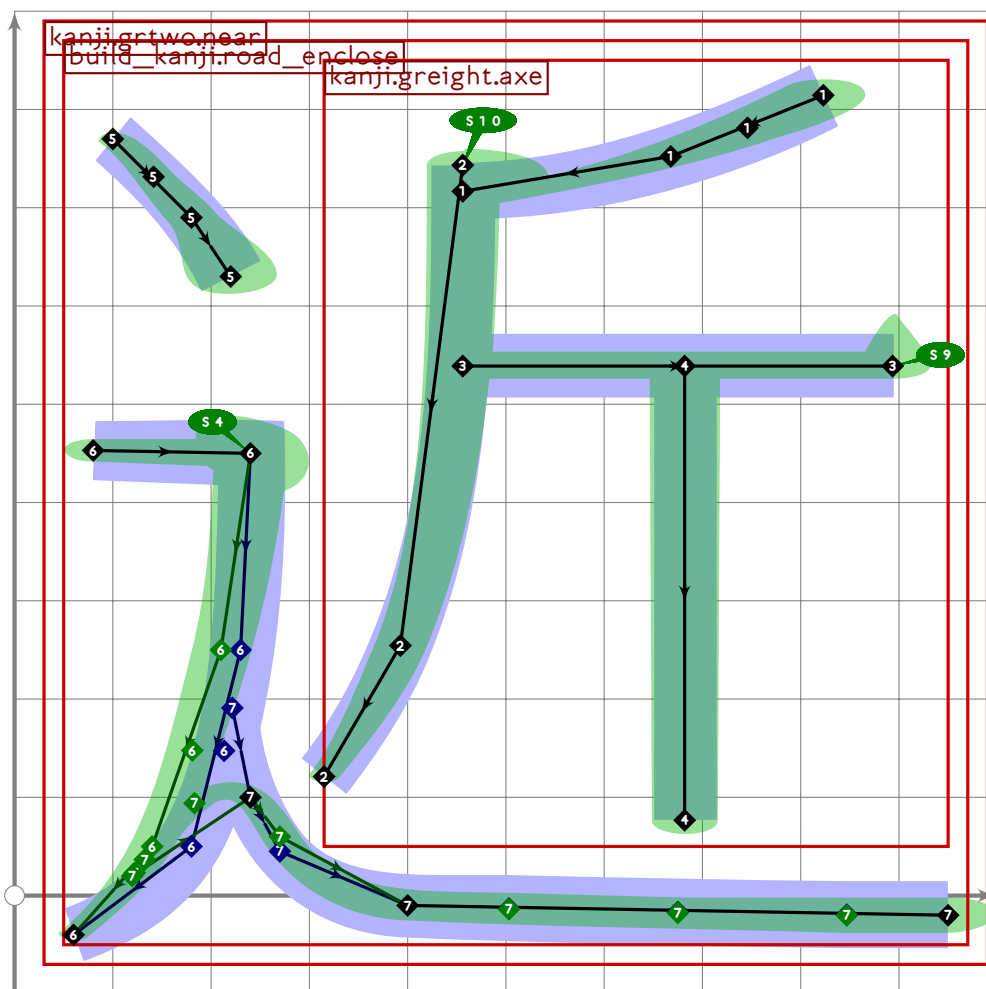
```
45 input toprad.mp;
```

```
46
```

```
47 do_late_includes;
```

```
48
```

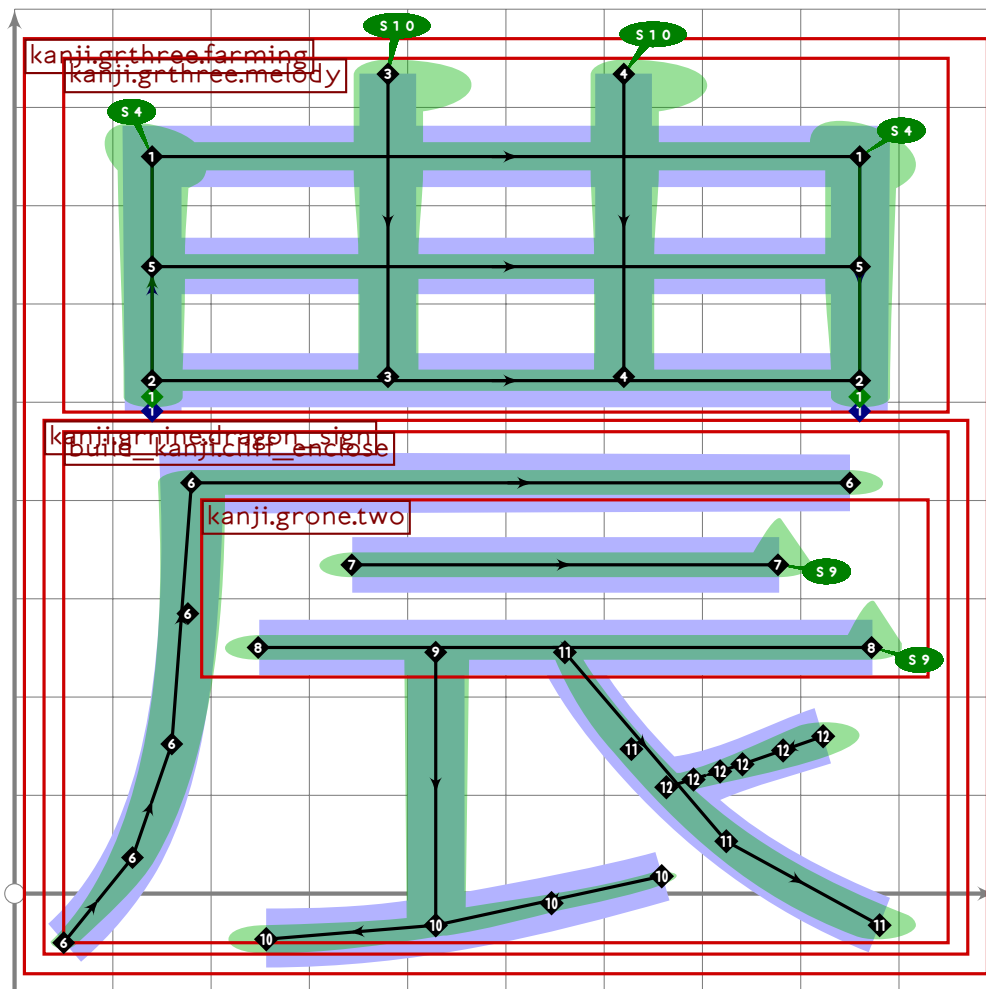
```
49
```



8F

```

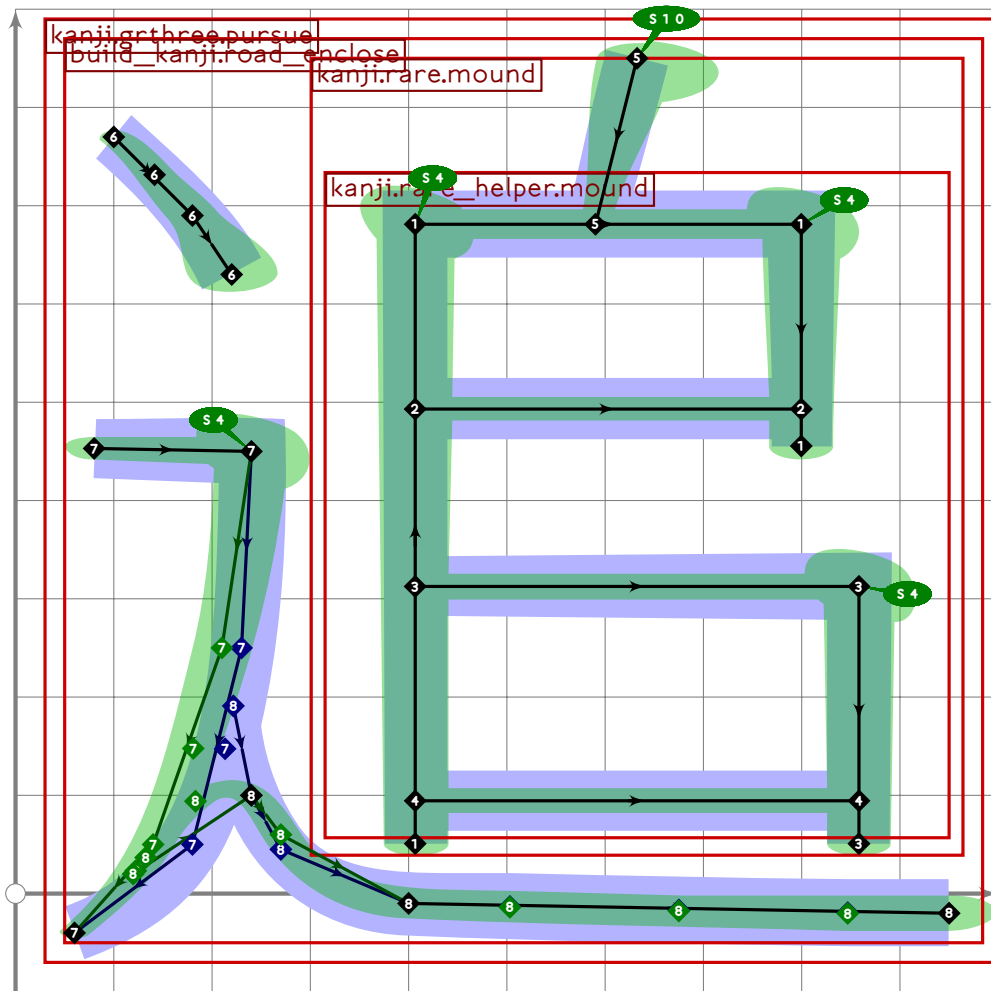
50
51 vardef kanji.grtwo.near =
52   push_pbox_toexpand("kanji.grtwo.near");
53   build_kanji.road_enclose(kanji.greight.axe);
54   expand_pbox;
55 enddef;
56
57
```



```

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

```



8F

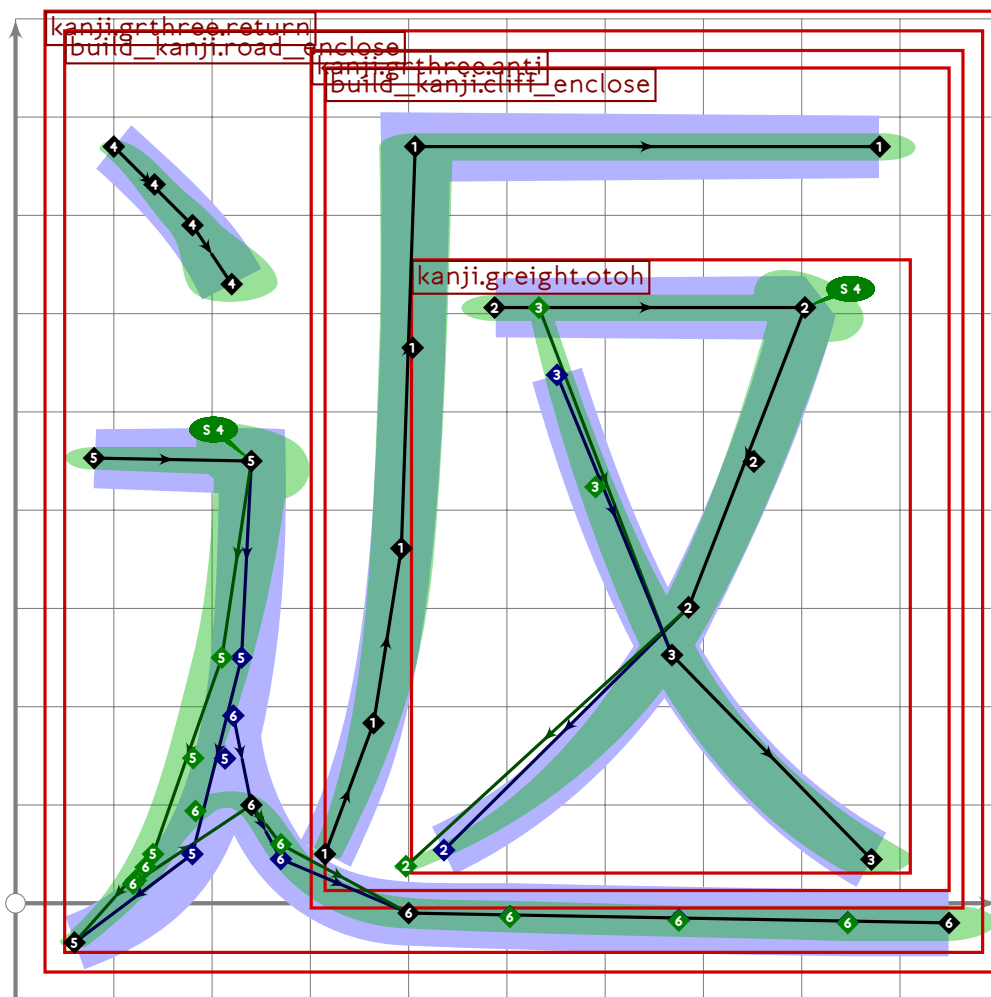
```

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

```

U+8FD4
tsuku.uni8FD4

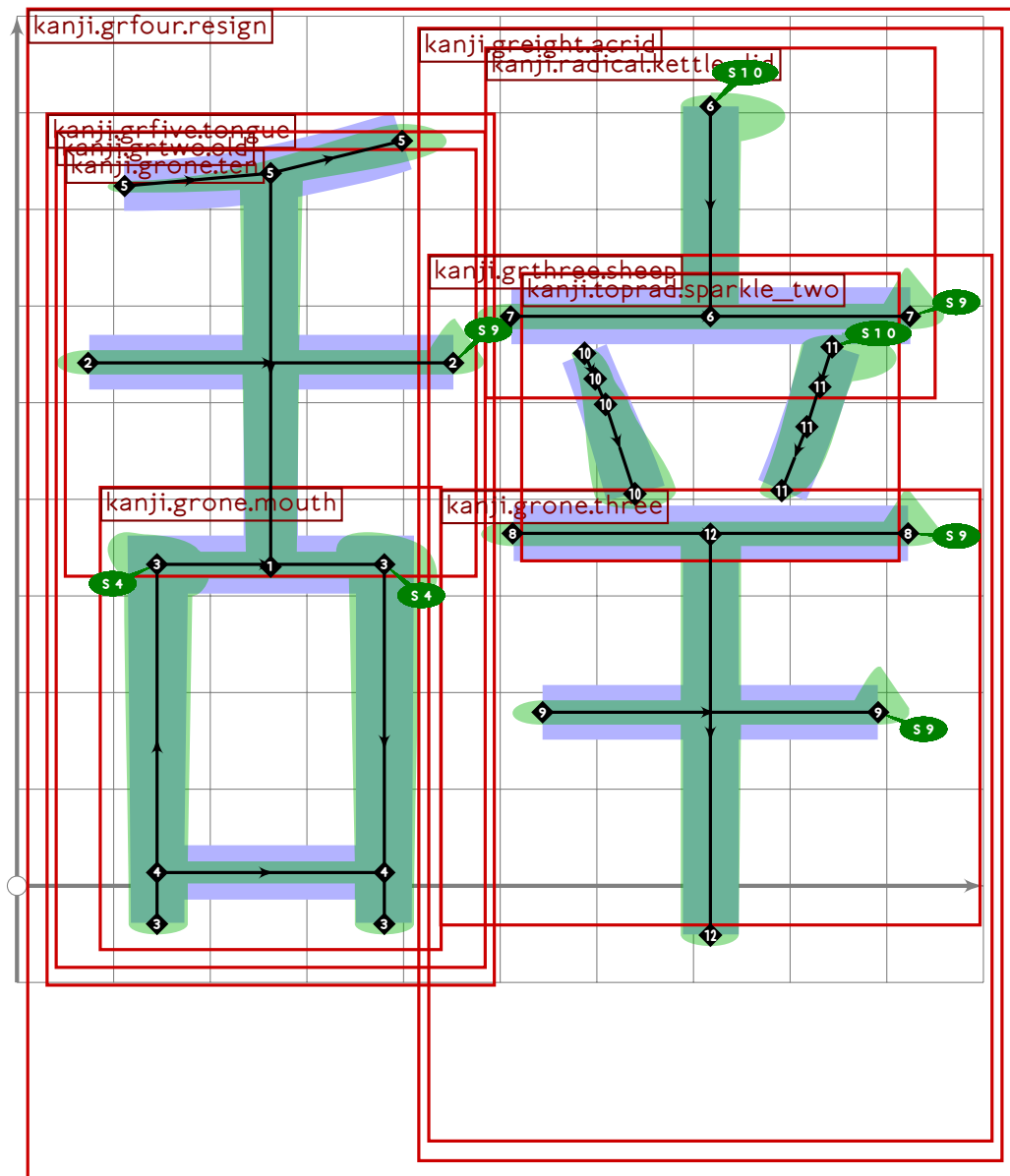
8F



```

72
73 vardef kanji.grthree.return =
74   push_pbox_toexpand("kanji.grthree.return");
75   build_kanji.road_enclose(kanji.grthree.anti);
76   expand_pbox;
77 enddef;
78
79

```



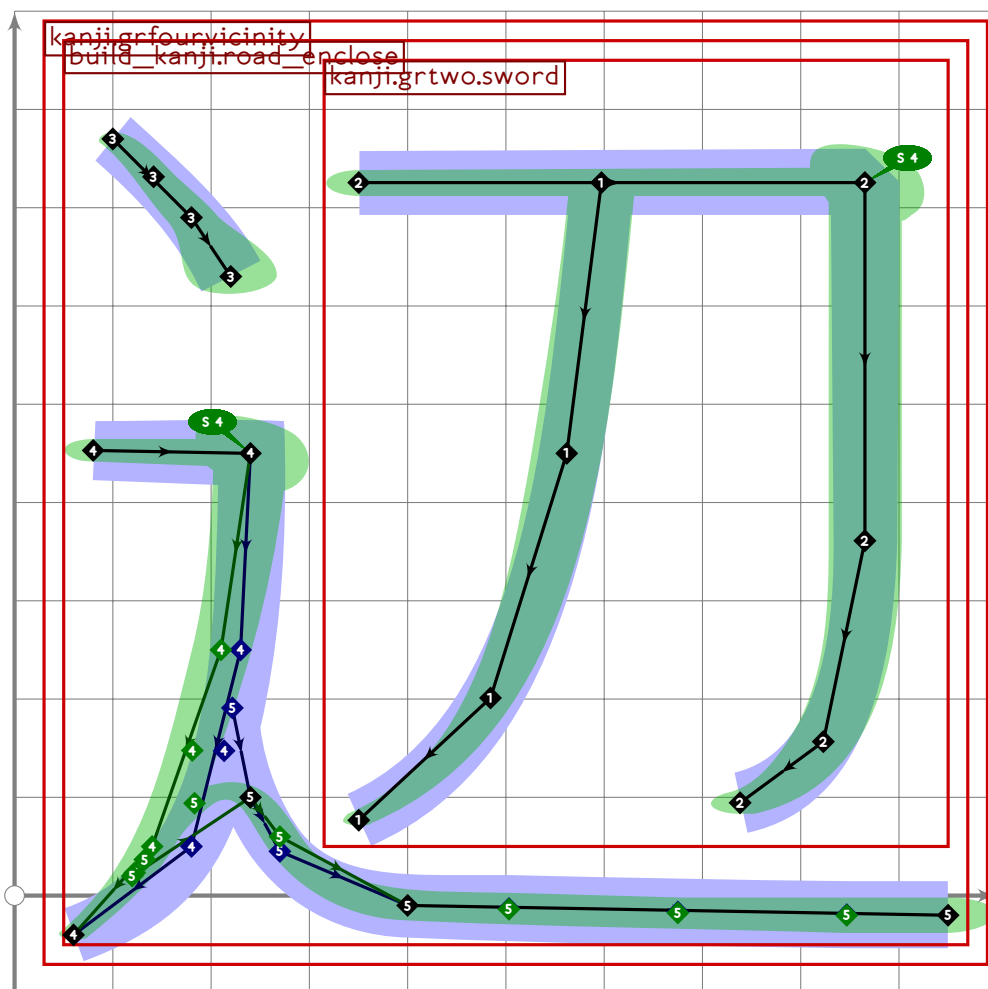
```

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

```

U+8FBA
tsuku.uni8FBA

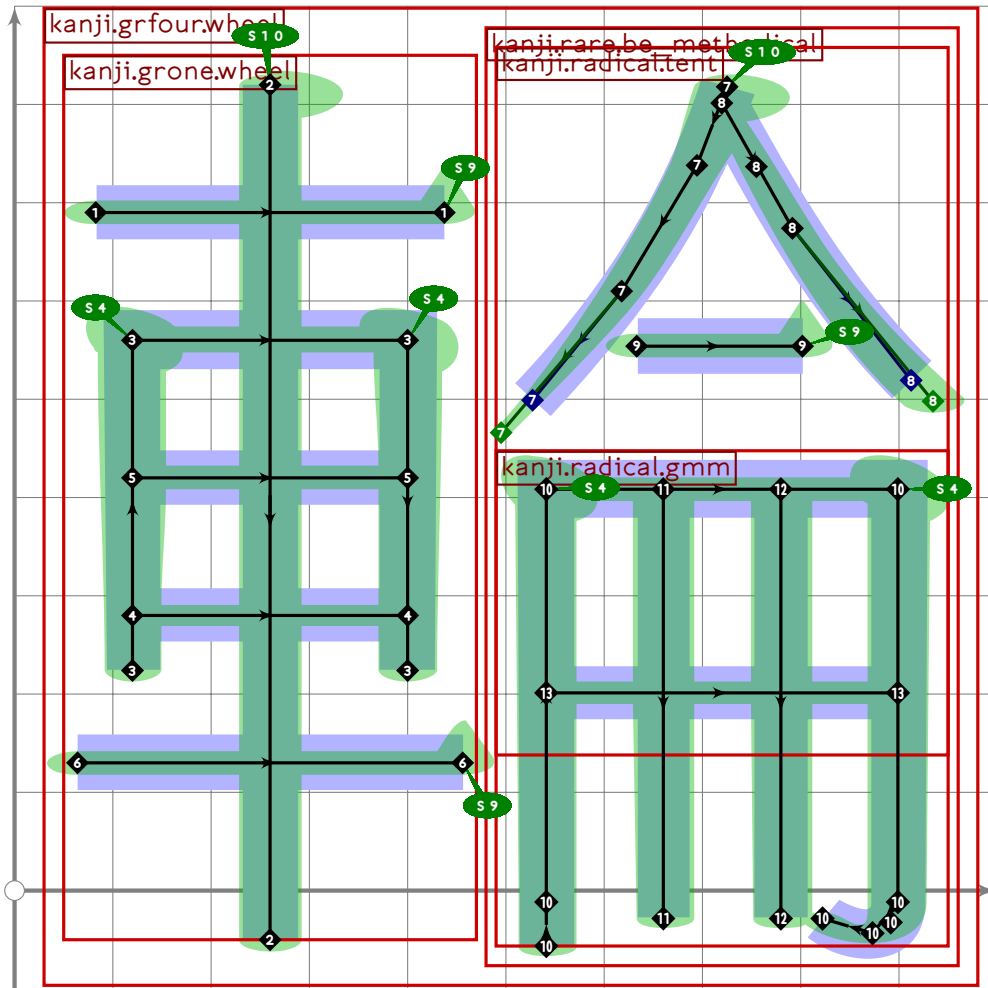
8F



```

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

```



8F

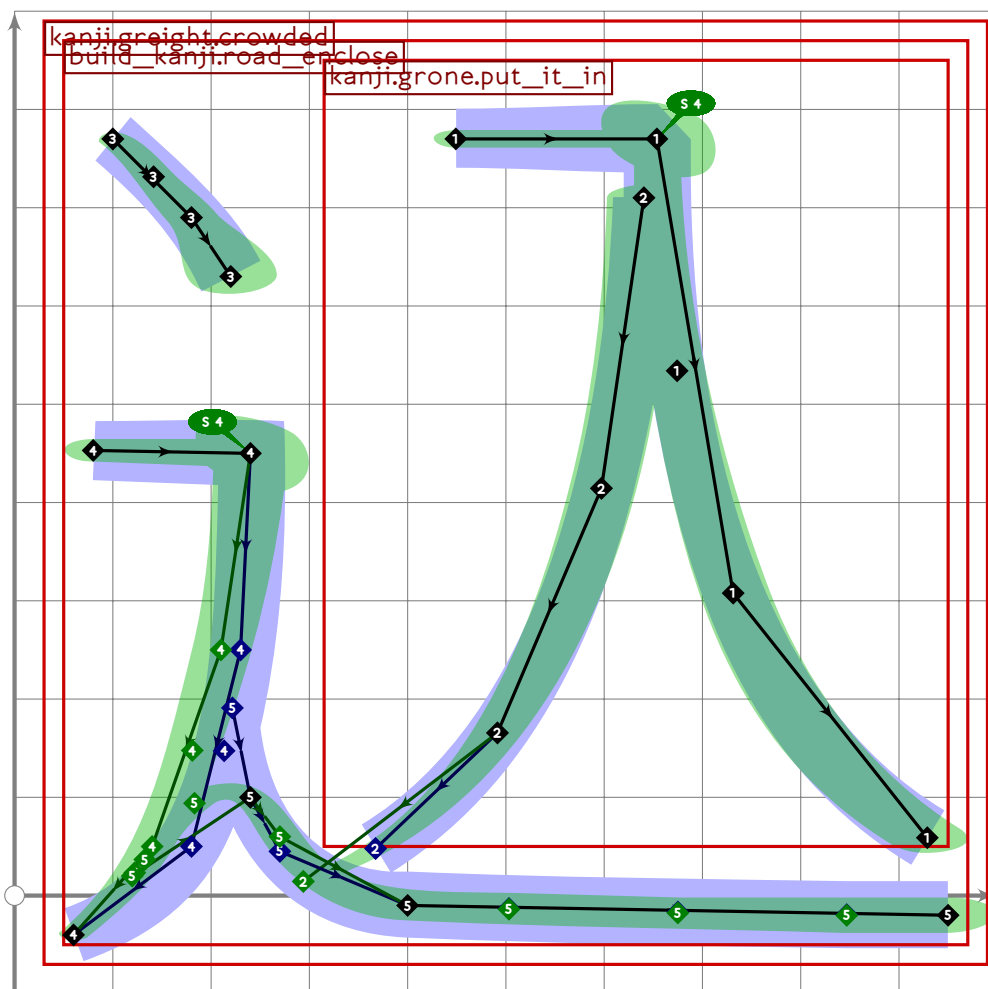
```

94
95 vardef kanji.grfour.wheel =
96   push_pbox_toexpand("kanji.grfour.wheel");
97   build_kanji.level(build_kanji.lr(480;20)
98     (kanji.grone.wheel)
99     (kanji.rare.be_methodical));
100   expand_pbox;
101 enddef;
102
103

```

U+8FBC
tsuku.uni8FBC

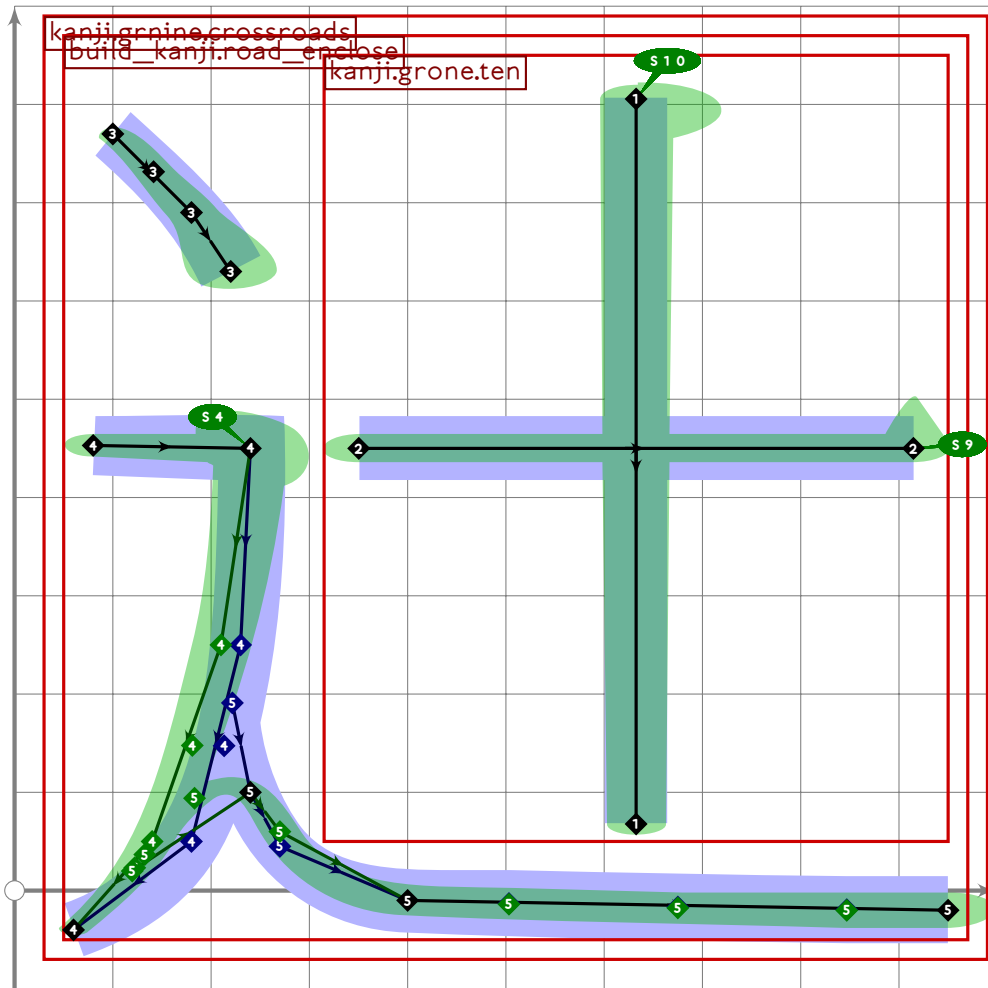
8F



```

104
105 vardef kanji.greight.crowded =
106   push_pbox_toexpand("kanji.greight.crowded");
107   build_kanji.road_enclose(kanji.grone.put_it_in);
108   expand_pbox;
109 enddef;
110
111

```

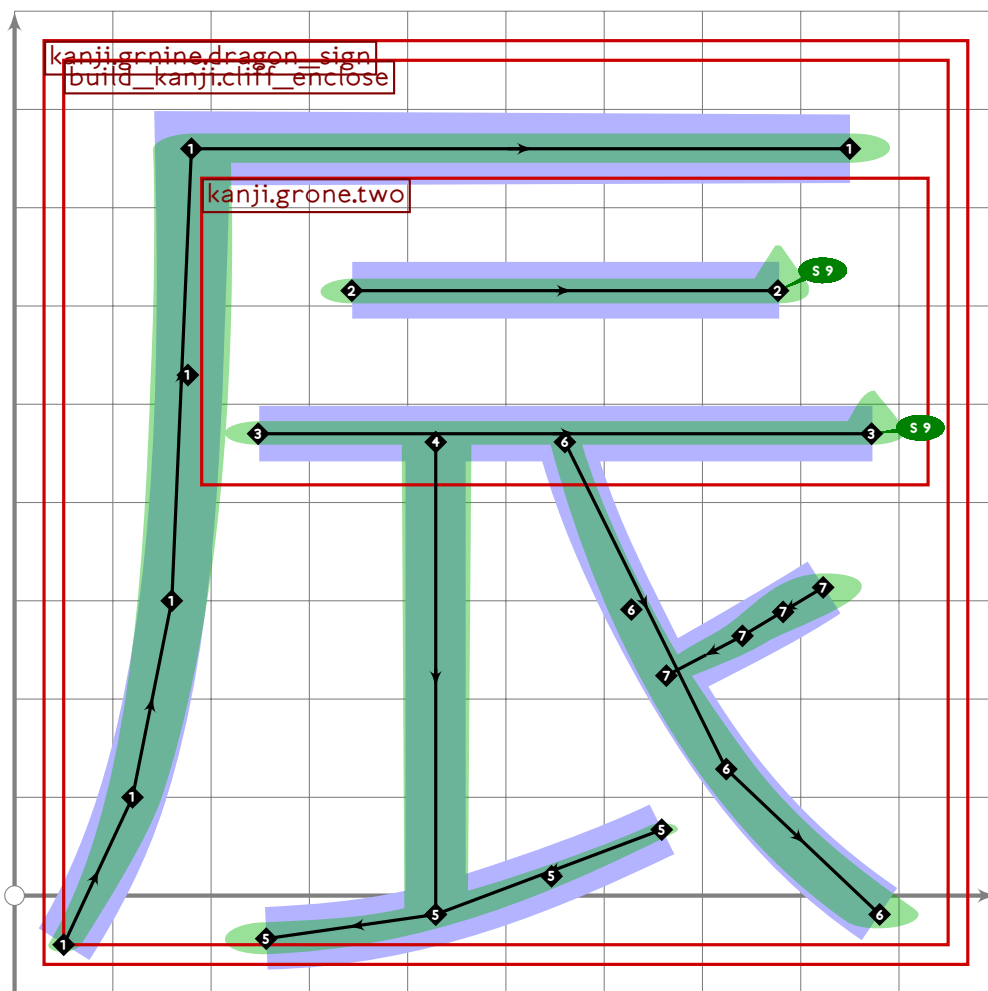



8F

```

112
113 vardef kanji.grnine.crossroads =
114   push_pbox_toexpand("kanji.grnine.crossroads");
115   build_kanji.road_enclose(kanji.grone.ten);
116   expand_pbox;
117 enddef;

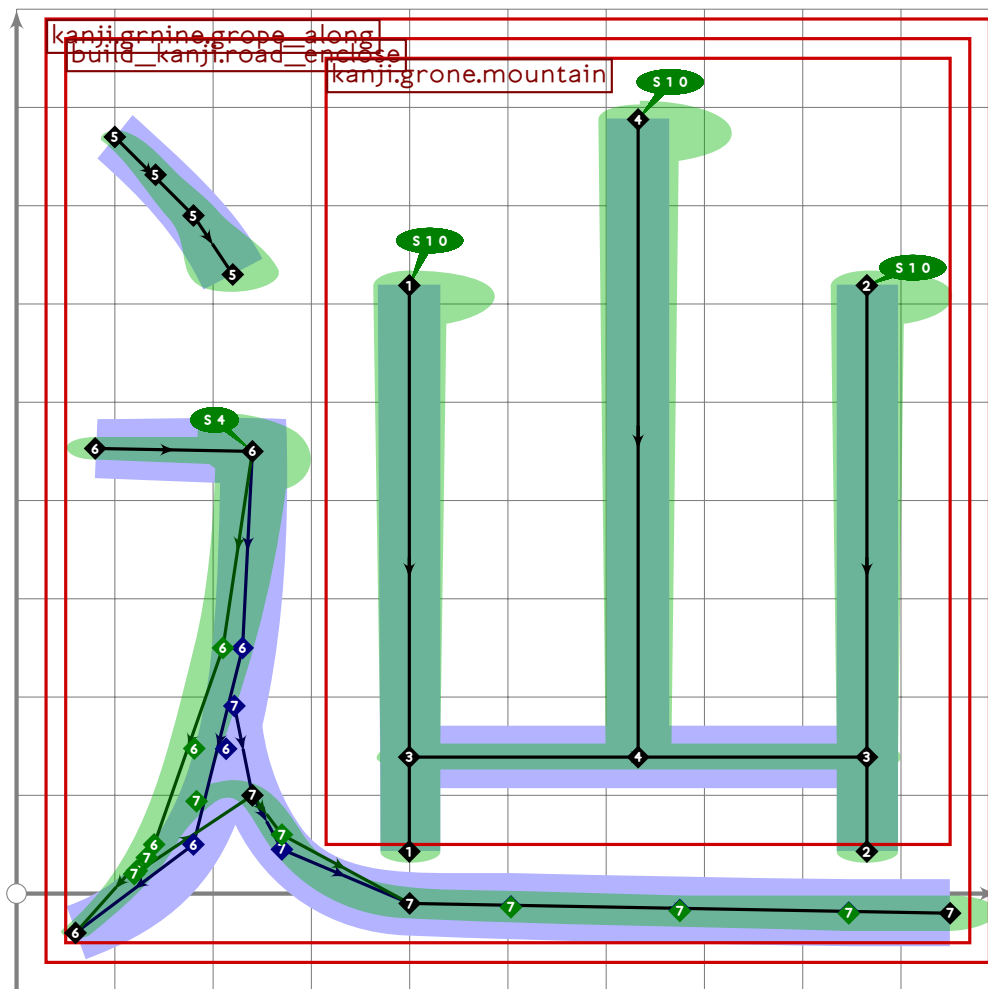
```



```

118
119 vardef kanji.grnine.dragon_sign =
120   push_pbox_toexpand("kanji.grnine.dragon_sign");
121   build_kanji.cliff_enclose(build_kanji.sscale(xscaled 1.12)
122     (build_kanji.tb(540,100)
123       (kanji.grone.two;
124         replace_stroke(-1)
125           (oldp shifted (-500,100) xscaled 0.8 shifted (500,0)))
126       (push_stroke((340,780)-(340,0),(1.6,1.6)-(1.5,1.5));
127         push_stroke((620,140)..tension 1.2..
128           (point 1 of get_stroke(0))..(130,-40),
129           (1,1)-(1.5,1.5)-(1.8,1.8));
130         push_stroke((500,780)..tension 1.2..(700,240)..(890,0),
131           (1,1)-(1.4,1.4)-(1.7,1.7));
132         push_stroke((820,540)..tension 1.2..(720,460)..
133           (point 0.69 of get_stroke(0)),
134           (1.7,1.7)-(1.4,1.4)-(1.2,1.2))));
135   expand_pbox;
136 enddef;

```



8F

```

137
138 vardef kanji.grnine.grope_along =
139   push_pbox_toexpand("kanji.grnine.grope_along");
140   build_kanji.road_enclose(kanji.grnine.mountain);
141   expand_pbox;
142 enddef;

```

143

144

145

146 % rin/wa "wheel"

147 begintsuglyph("uni8F2A";42);

[see page 2797]

148 kanji.grfour.wheel;

149 tsu_render;

150 endtsuglyph;

151

152 % shin/kara "acrid"

153 begintsuglyph("uni8F9B";155);

[see page 735]

154 kanji.greight.acrid;

155 tsu_render;

156 endtsuglyph;

157

158 % ji/ya "resign" or "dictionary"

159 begintsuglyph("uni8F9E";158);

[see page 2795]

160 kanji.grfour.resign;

161 tsu_render;

162 endtsuglyph;

163

164 % heki/kimu "punish"

165 begintsuglyph("uni8F9F";159);

[see page 847]

166 kanji.rare.punish;

167 tsu_render;

168 endtsuglyph;

169

170 % shin/tatsu "zodiac sign of the dragon"

171 begintsuglyph("uni8FB0";176);

[see page 2800]

172 kanji.grnine.dragon_sign;

173 tsu_render;

174 endtsuglyph;

175

176 % nou/na "farming"

177 begintsuglyph("uni8FB2";178);

[see page 2792]

178 kanji.grthree.farming;

179 tsu_render;

180 endtsuglyph;

181

182 % hen/ata "vicinity"

183 begintsuglyph("uni8FBA";186);

[see page 2796]

184 kanji.grfour.vicinity;

185 tsu_render;

186 endtsuglyph;

187

188 % tsuji "crossroads"

189 begintsuglyph("uni8FBB";187);

[see page 2799]

190 kanji.grnine.crossroads;

191 tsu_render;

192 endtsuglyph;

193

194 % ko "crowded"

195 begintsuglyph("uni8FBC";188);

[see page 2798]

196 kanji.greight.crowded;

197 tsu_render;

198 endtsuglyph;

199

200 % ten/tado "grope along"

201 begintsuglyph("uni8FBF";191);

[see page 2801]

202 kanji.grnine.grope_along;

203 tsu_render;

204 endtsuglyph;

205

```

206 % kin/chika "near"
207 begintsuglyph("uni8FD1";209); [see page 2791]
208   kanji.grtwo.near;
209   tsu_render;
210 endtsuglyph;
211
212 % hen/kae "return"
213 begintsuglyph("uni8FD4";212); [see page 2794]
214   kanji.grthree.return;
215   tsu_render;
216 endtsuglyph;
217
218 % tsui/o "pursue"
219 begintsuglyph("uni8FFD";253); [see page 2793]
220   kanji.grthree.pursue;
221   tsu_render;
222 endtsuglyph;
223
224 _____
225
226 endfont;
227
228 _____

```

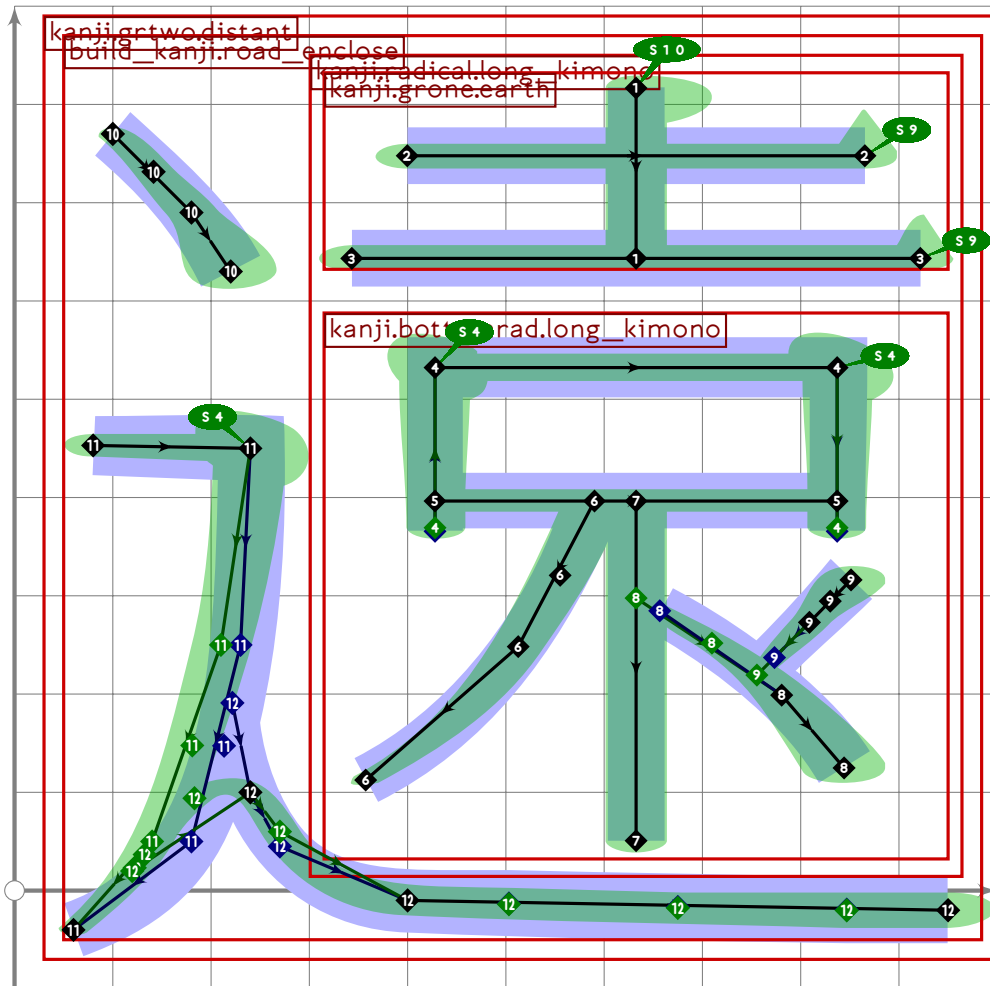
```
1 %
2 % Unicode page 90 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



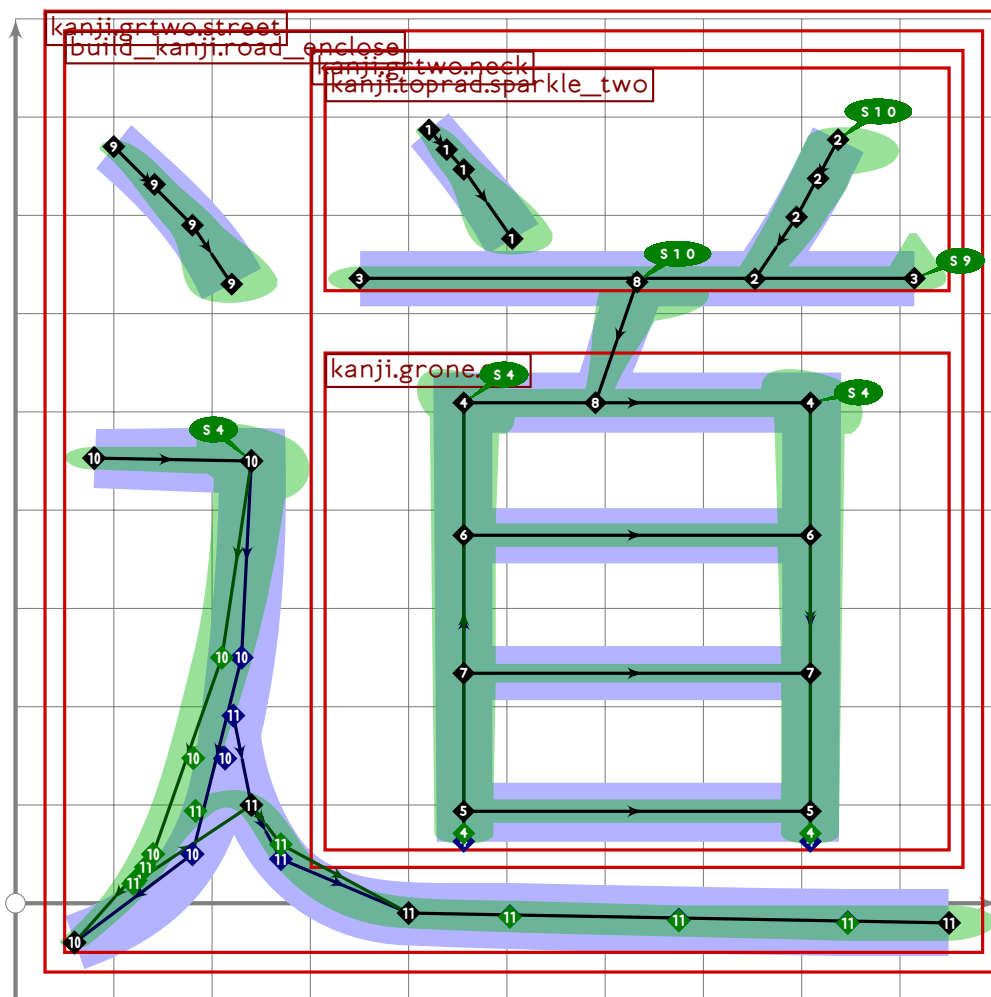
```

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

```

U+9053
tsuku.uni9053

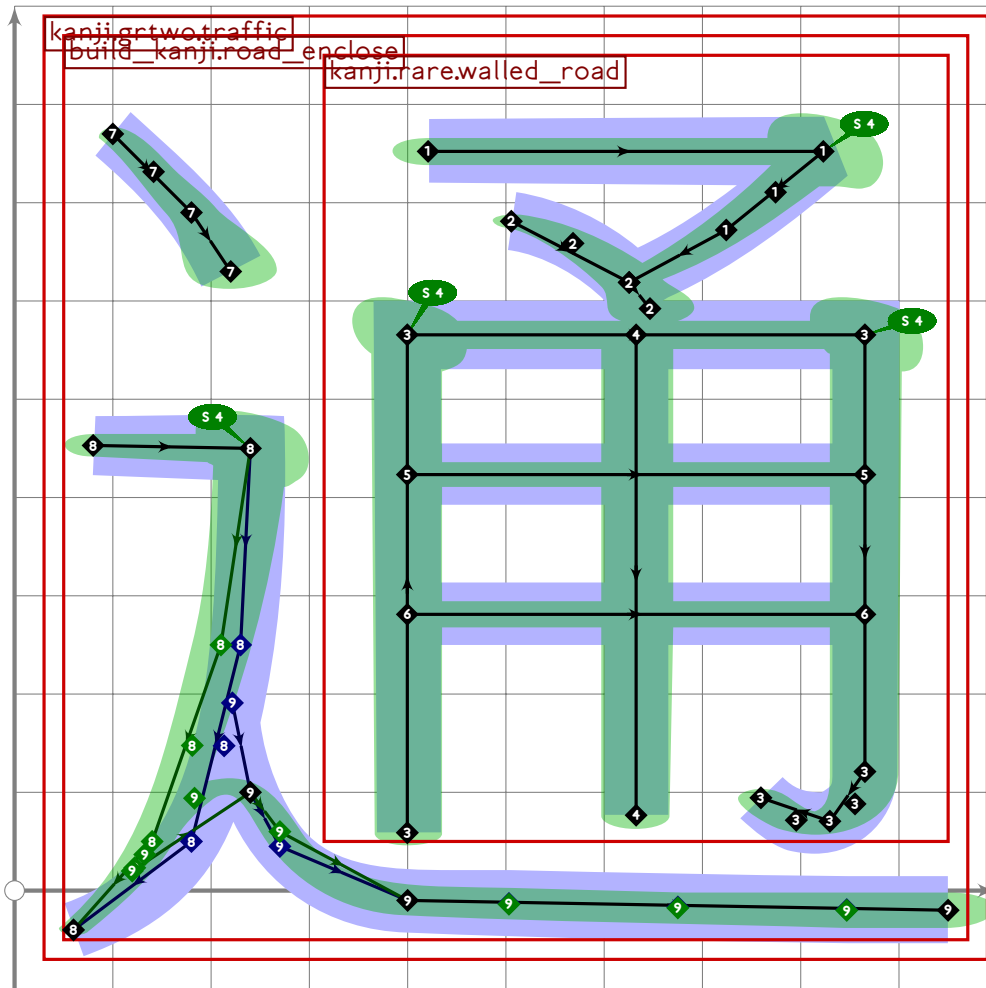
90



```

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

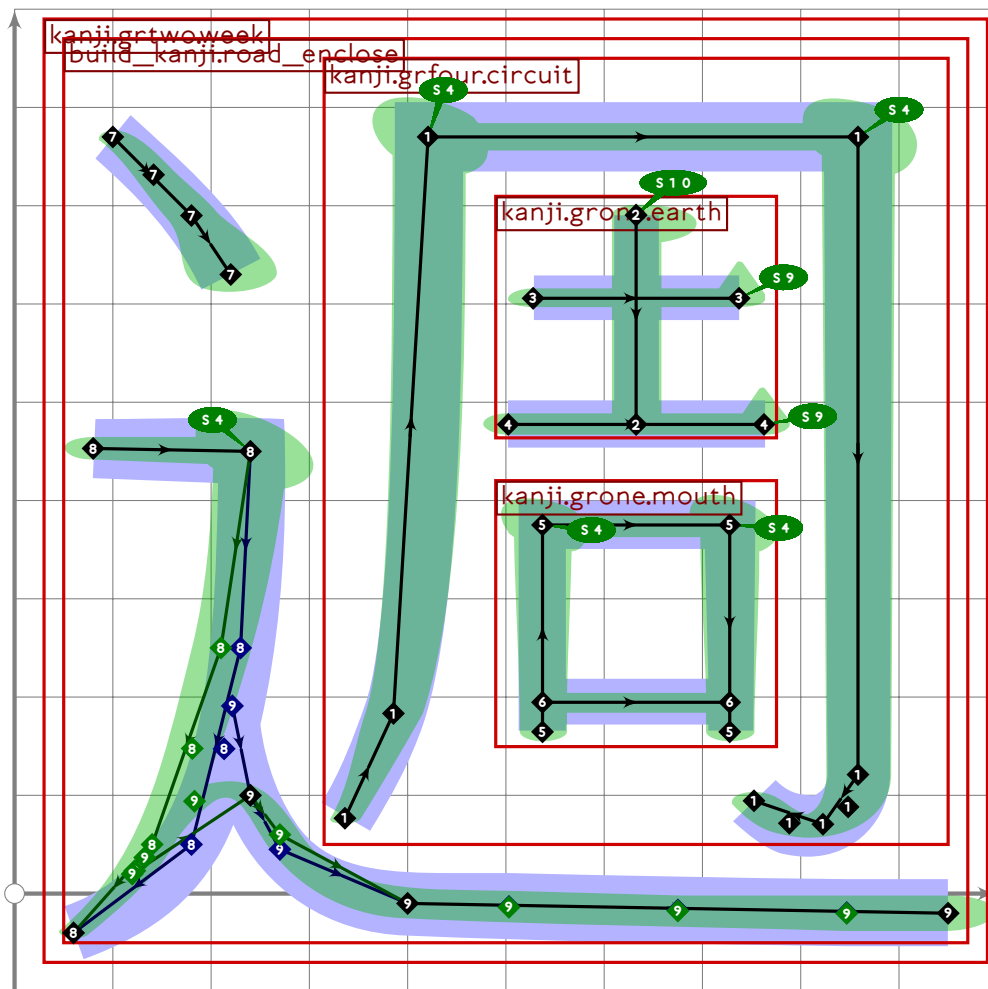
```

```

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

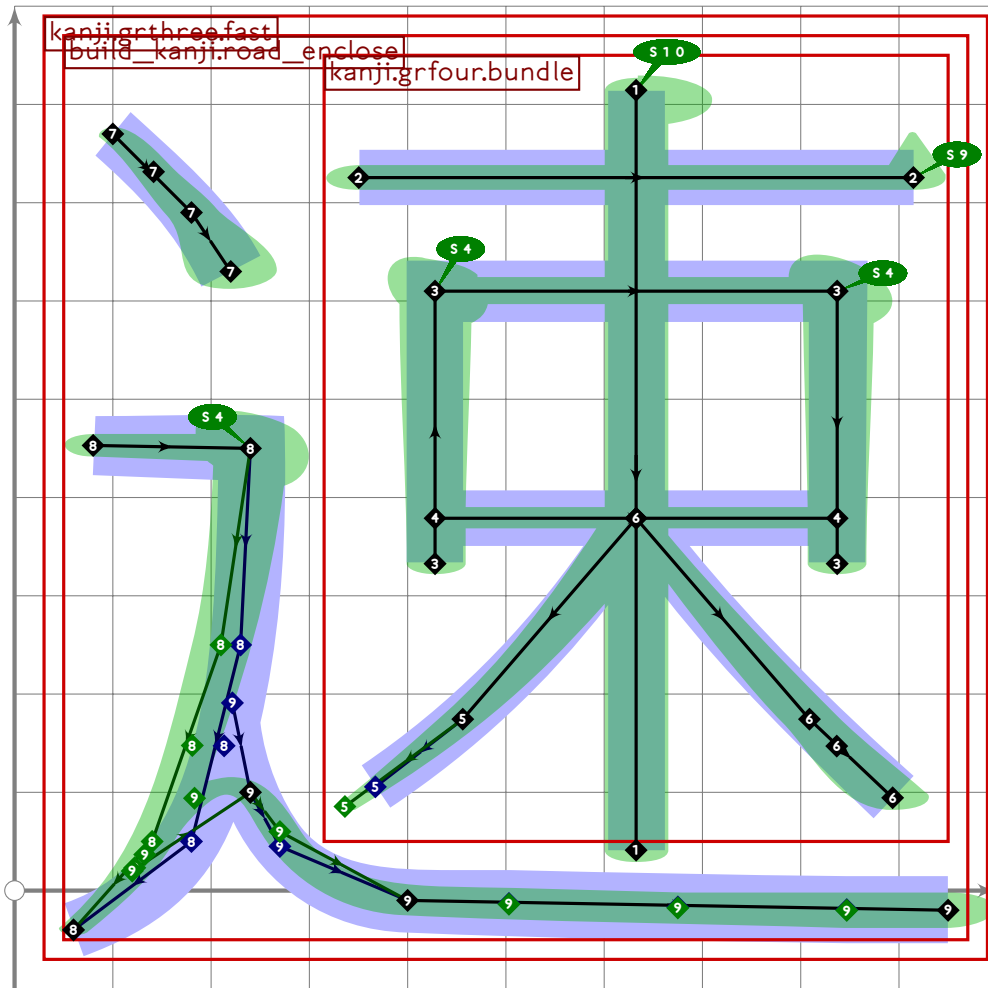
```



```

74
75 vardef kanji.grtwo.week =
76   push_pbox_toexpand("kanji.grtwo.week");
77   build_kanji.road_enclose(kanji.grfour.circuit);
78   expand_pbox;
79 enddef;
80
81

```



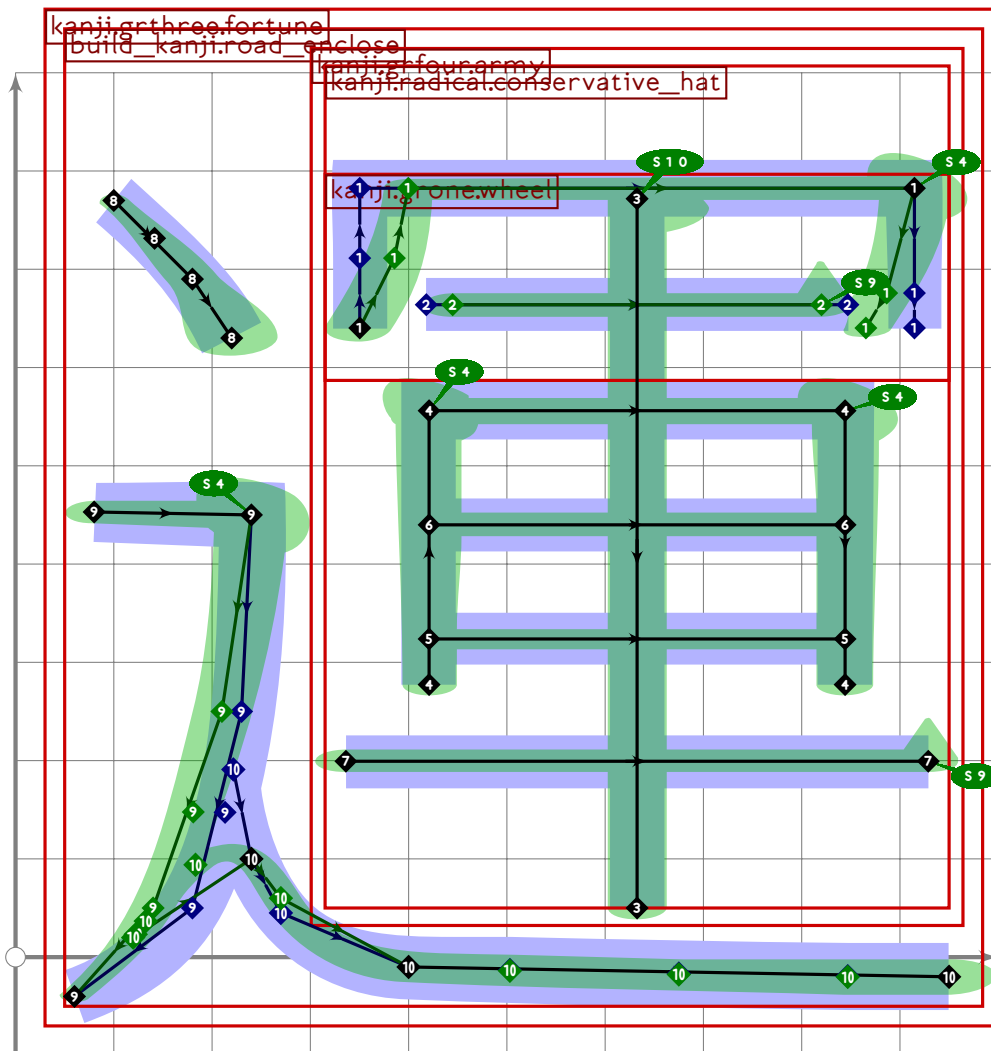
```

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

```

U+904B
tsuku.uni904B

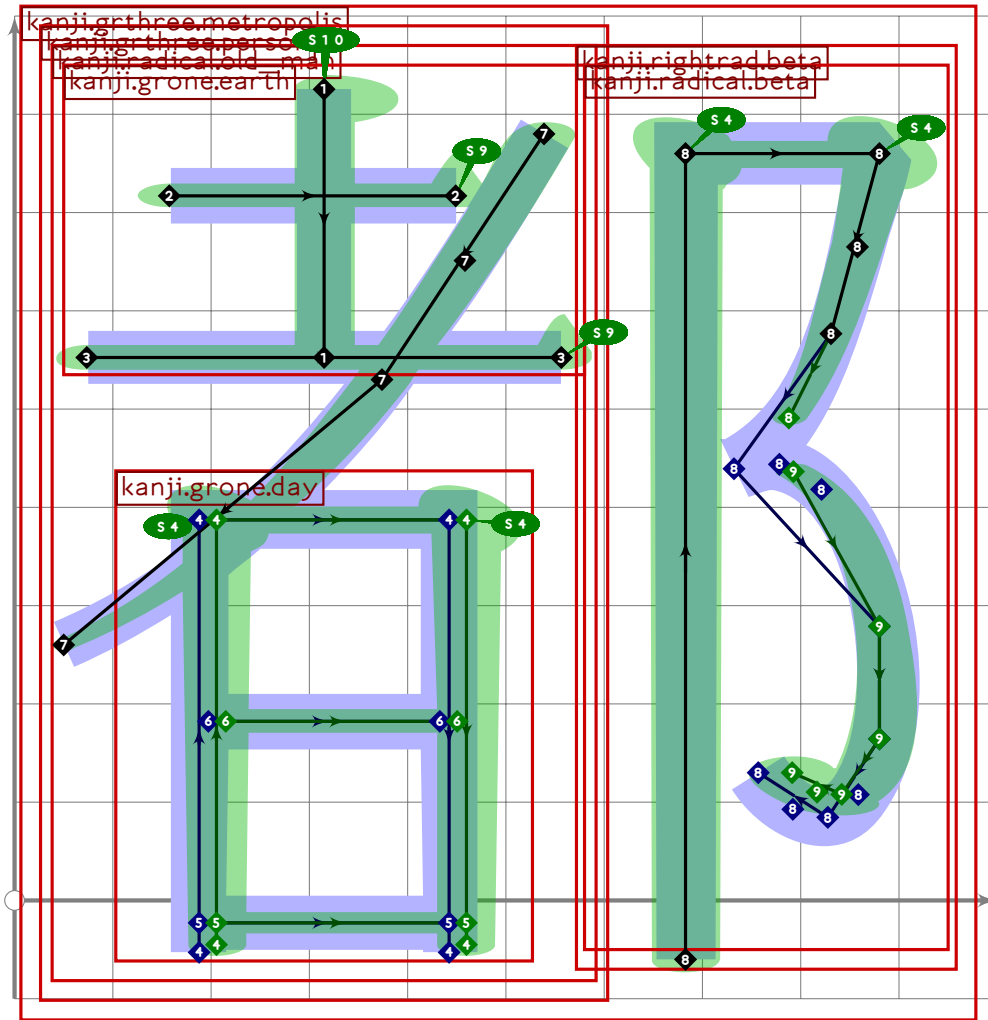
90



```

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

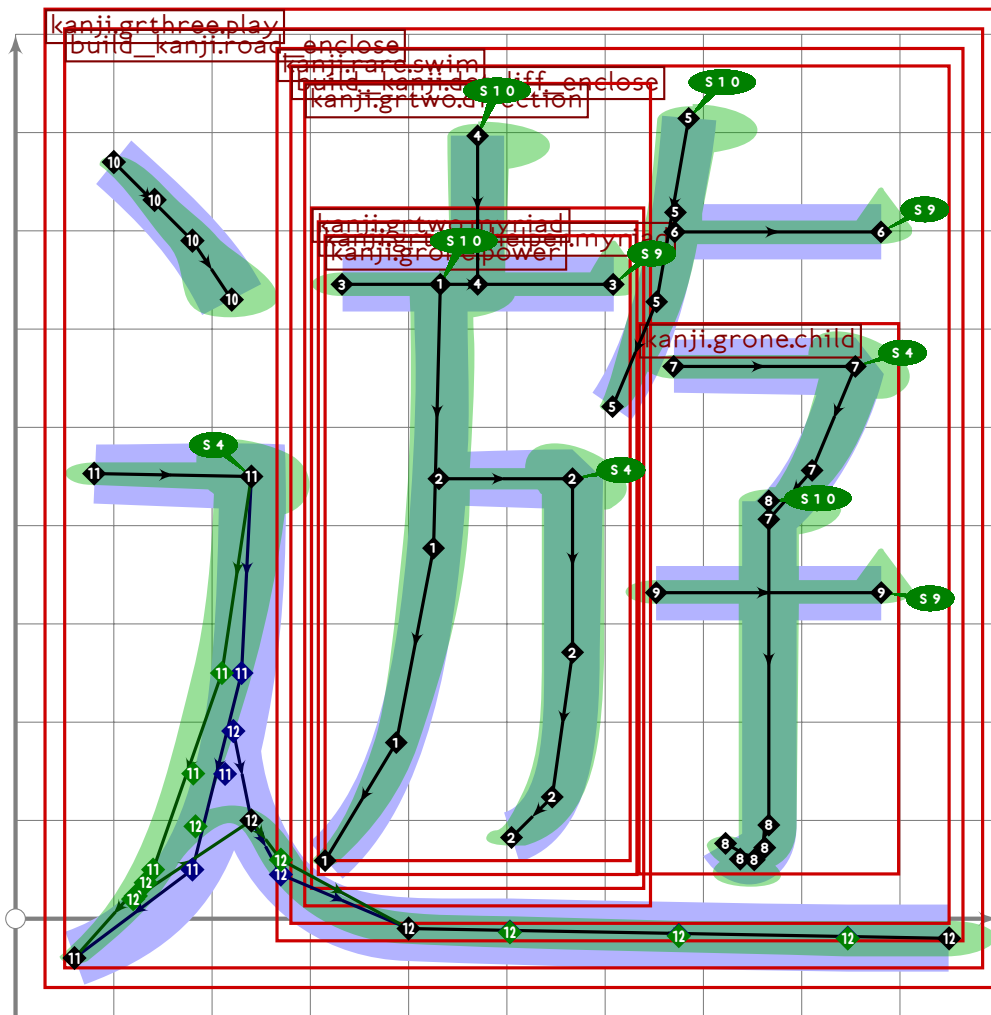
```



```

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

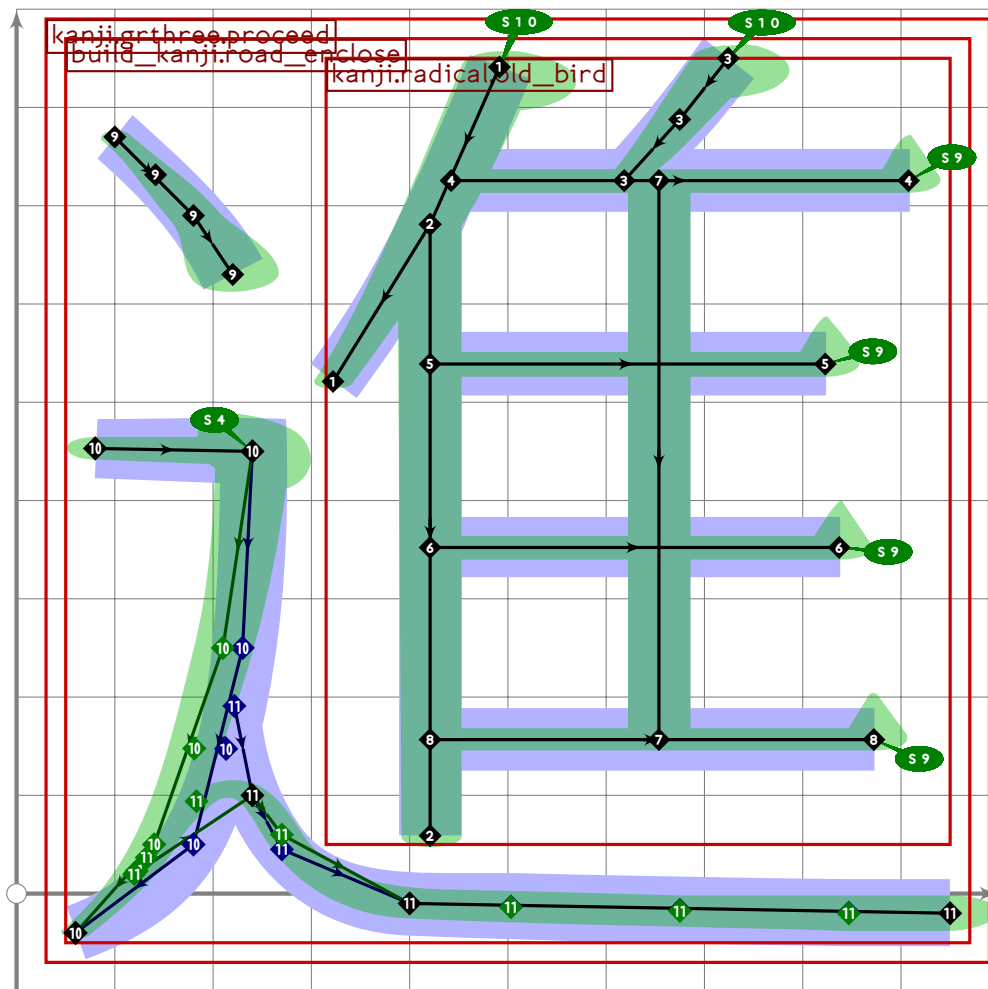
```



```

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

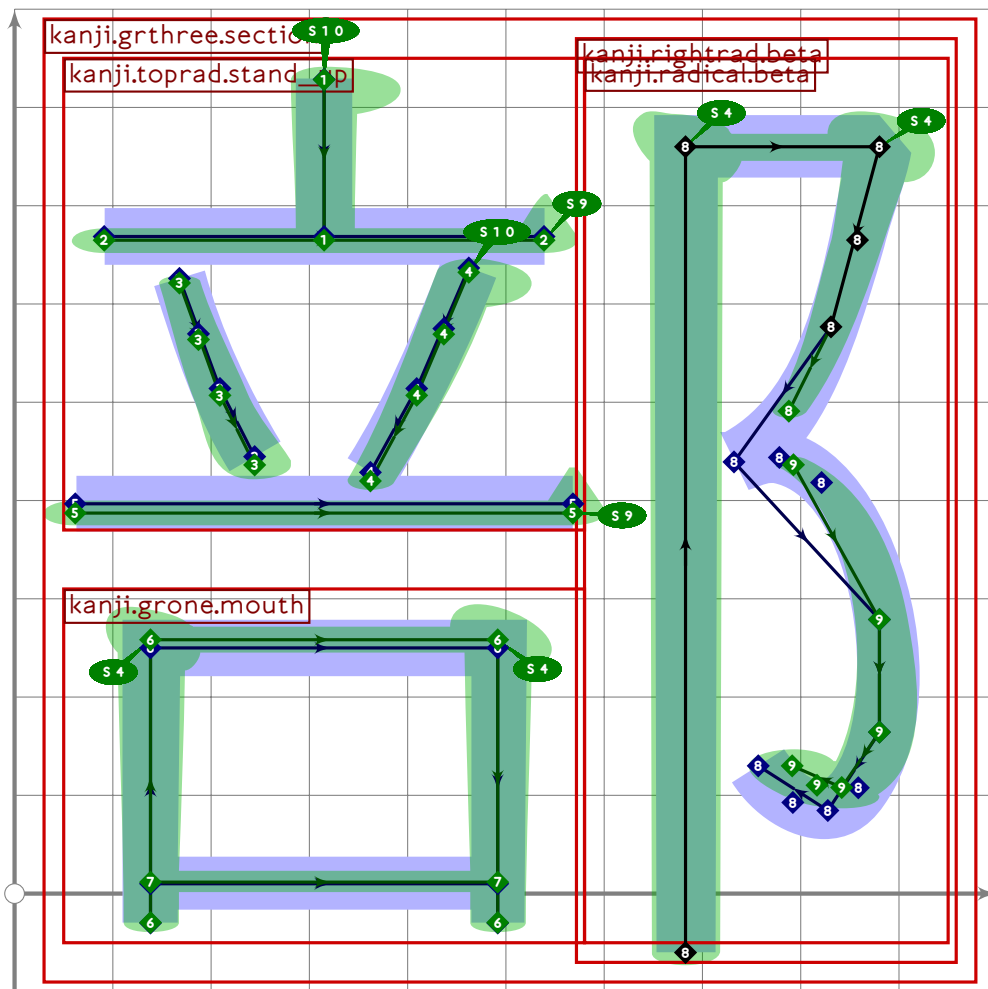
```



```

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

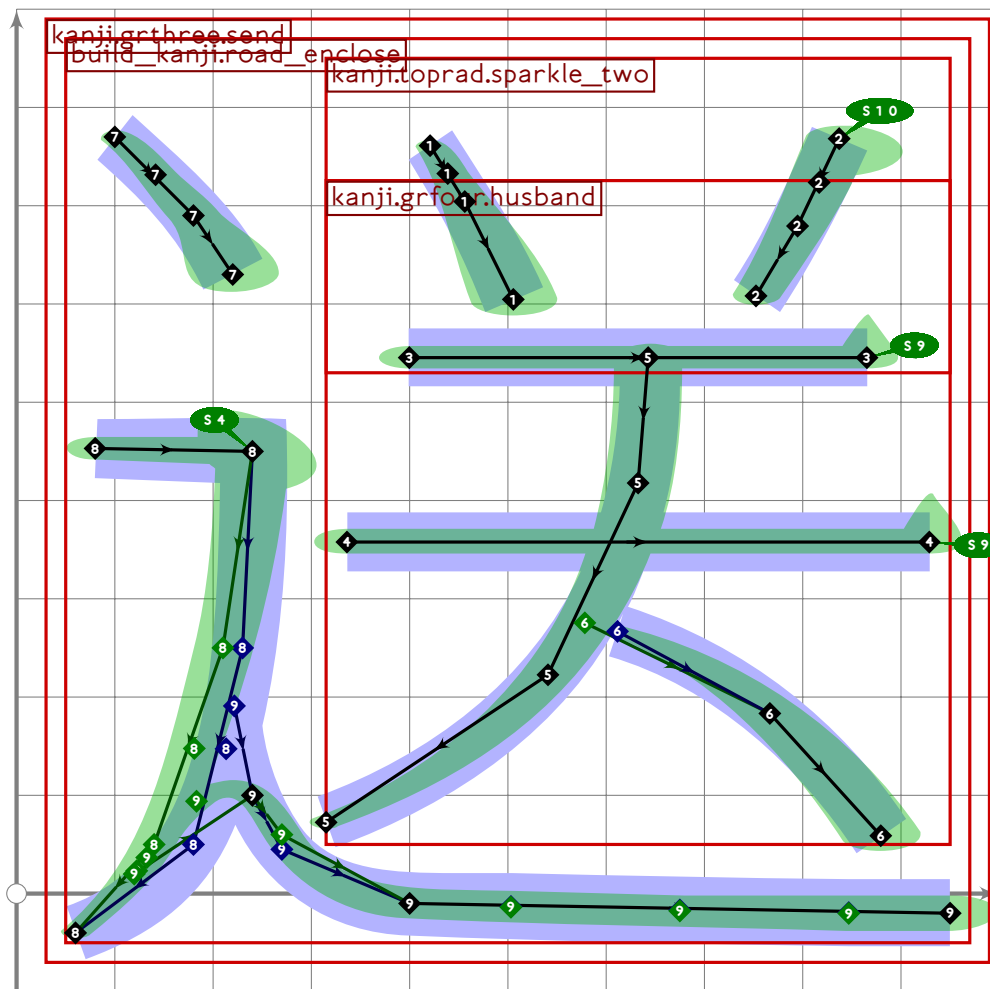
```



```

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

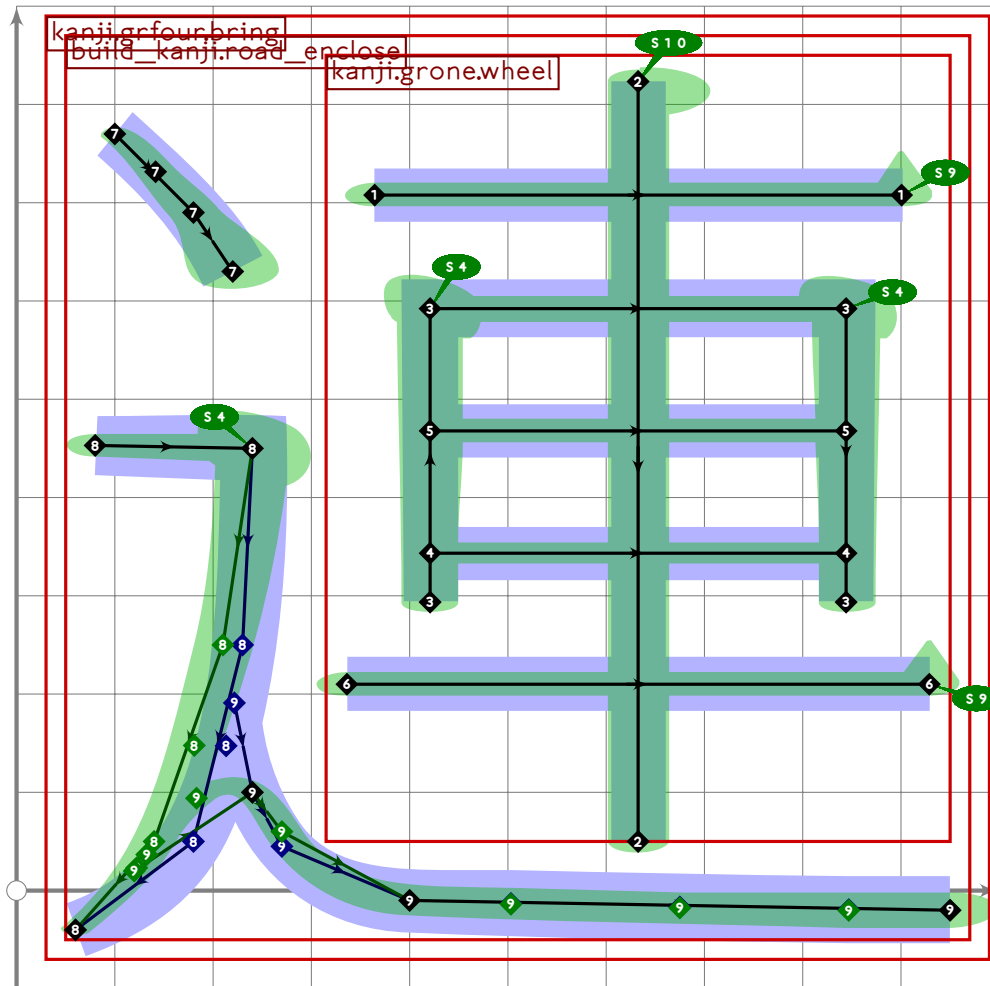
```

```

124
125 vardef kanji.grthree.send =
126   push_pbox_toexpand("kanji.grthree.send");
127   build_kanji.road_enclose(build_kanji.level(
128     build_kanji.tb(600,220)
129     (kanji.toprad.sparkle_two)
130     (kanji.grfour.husband);
131   replace_stroke(-1)(subpath
132     (xpart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
133   set_boserif(-1,0,whatever);
134   replace_stroke(0)((point 1.7 of get_stroke(-1))..(690,100)..(850,-40));
135   replace_stroke(0)((0,0,9)-(1.5,1.5)-(1.8,1.8));
136   ));
137   expand_pbox;
138 enddef;
139
140

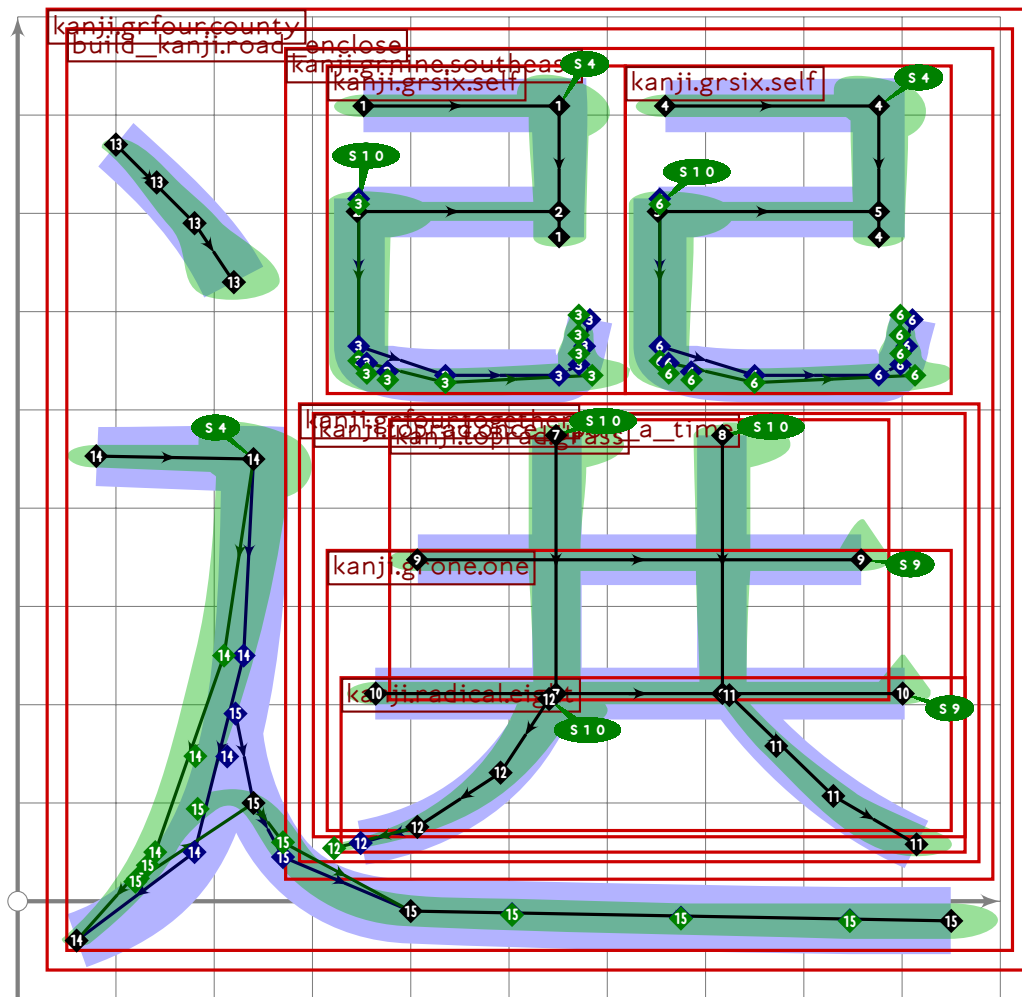
```



```

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

```



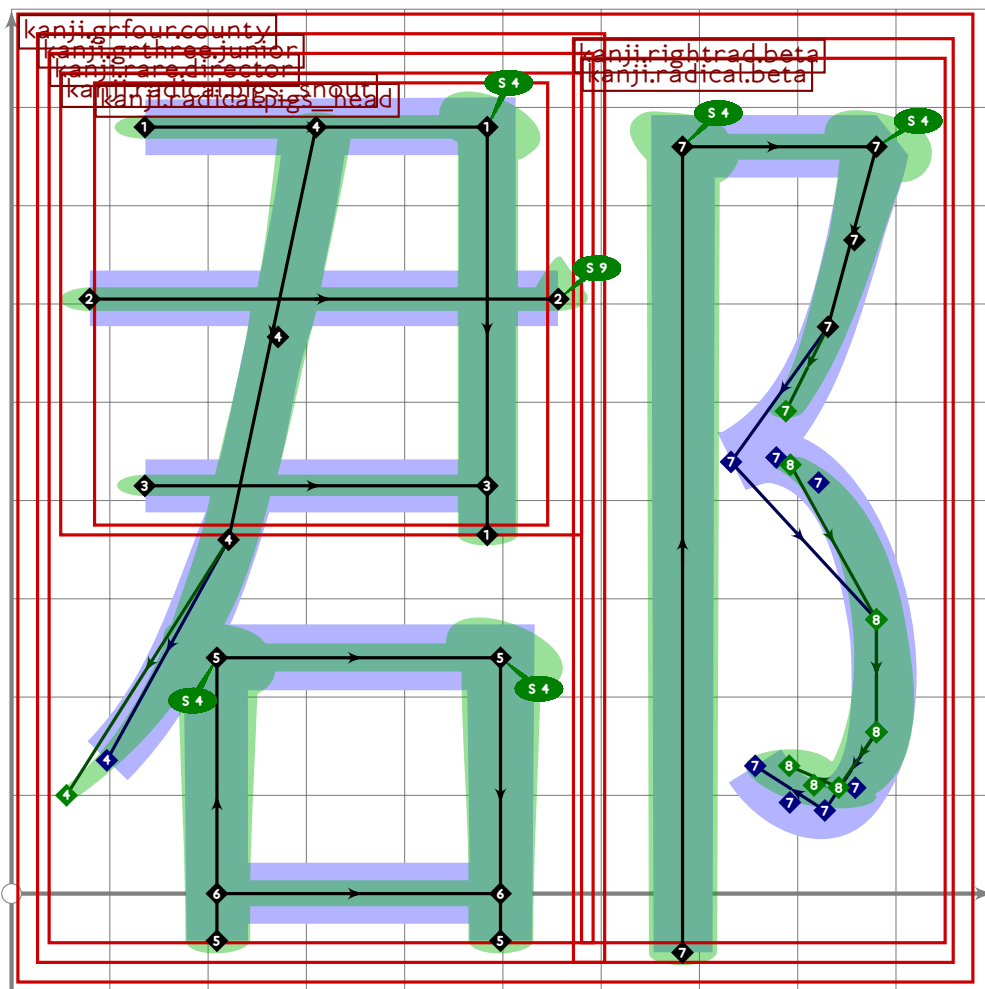
```

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

```

U+90E1
tsuku.uni90E1

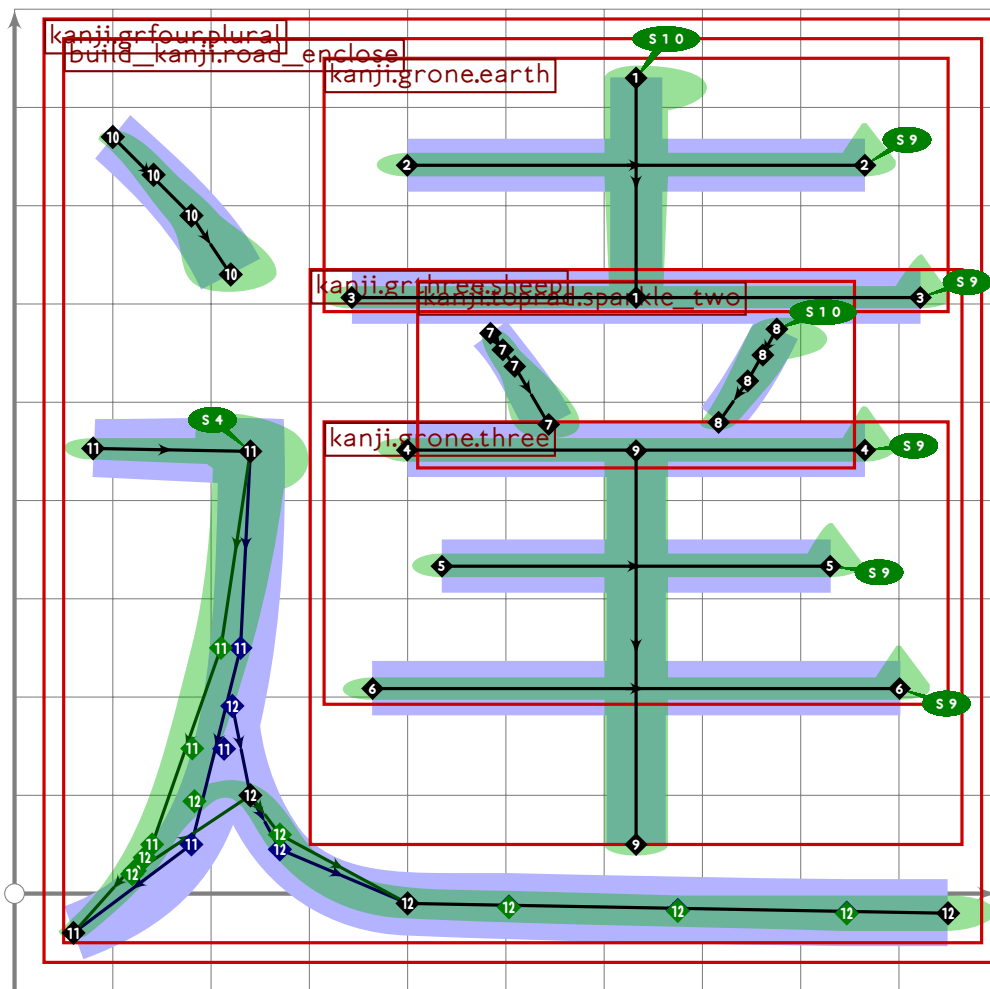
90



```

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

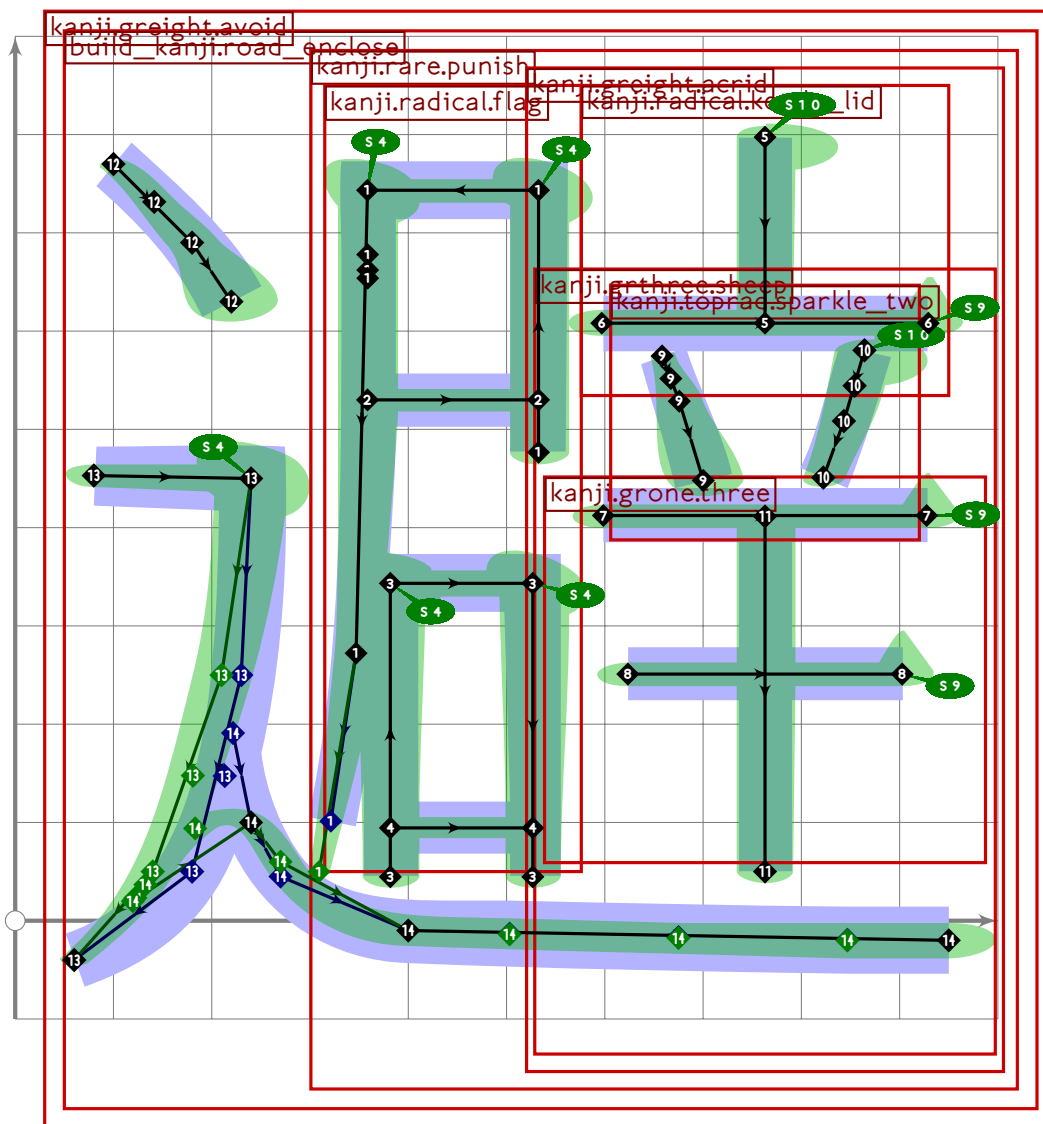
```



```

161
162 vardef kanji.grfour.plural =
163   push_pbox_toexpand("kanji.grfour.plural");
164   build_kanji.road_enclose(build_kanji.tb(560,0)
165     (kanji.grone.earth)
166     (kanji.grthree.sheep));
167   expand_pbox;
168 enddef;
169
170

```



```

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

```

[see page 642]

[see page 2815]

```

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

```

[see page 2807]

[see page 2809]

[see page 2816]

[see page 2808]

[see page 2813]

[see page 2812]

[see page 2810]

[see page 2806]

```

236 kanji.grtwo.street;
237 tsu_render;
238 endtsuglyph;
239
240 % tatsu/tachi "suffix for pluralizing pronouns" (and several other meanings)
241 begintsuglyph("uni9054";84); [see page 2819]
242 kanji.grfour.plural;
243 tsu_render;
244 endtsuglyph;
245
246 % en/too "distant"
247 begintsuglyph("uni9060";96); [see page 2805]
248 kanji.grtwo.distant;
249 tsu_render;
250 endtsuglyph;
251
252 % sen/era "choose"
253 begintsuglyph("uni9078";120); [see page 2817]
254 kanji.grfour.choose;
255 tsu_render;
256 endtsuglyph;
257
258 % hi/sa "avoid"
259 begintsuglyph("uni907F";127); [see page 2820]
260 kanji.greight.avoid;
261 tsu_render;
262 endtsuglyph;
263
264 % gen/koori "county"
265 begintsuglyph("uni90E1";225); [see page 2818]
266 kanji.grfour.county;
267 tsu_render;
268 endtsuglyph;
269
270 % bu/be "section"
271 begintsuglyph("uni90E8";232); [see page 2814]
272 kanji.grthree.section;
273 tsu_render;
274 endtsuglyph;
275
276 % to/miyako "metropolis"
277 begintsuglyph("uni90FD";253); [see page 2811]
278 kanji.grthree.metropolis;
279 tsu_render;
280 endtsuglyph;
281
282
283

```

284 endfont;

285

286

tsuku-91.mp

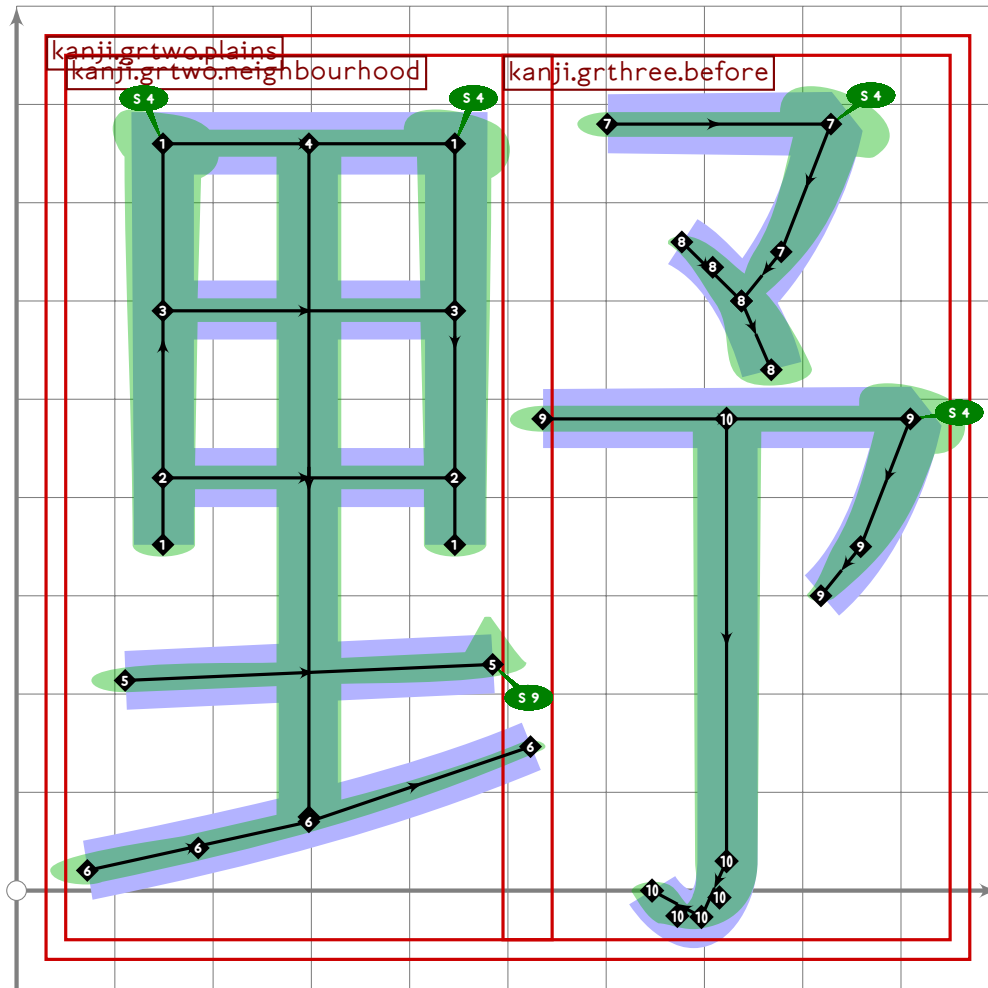
```
1 %
2 % Unicode page 91 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

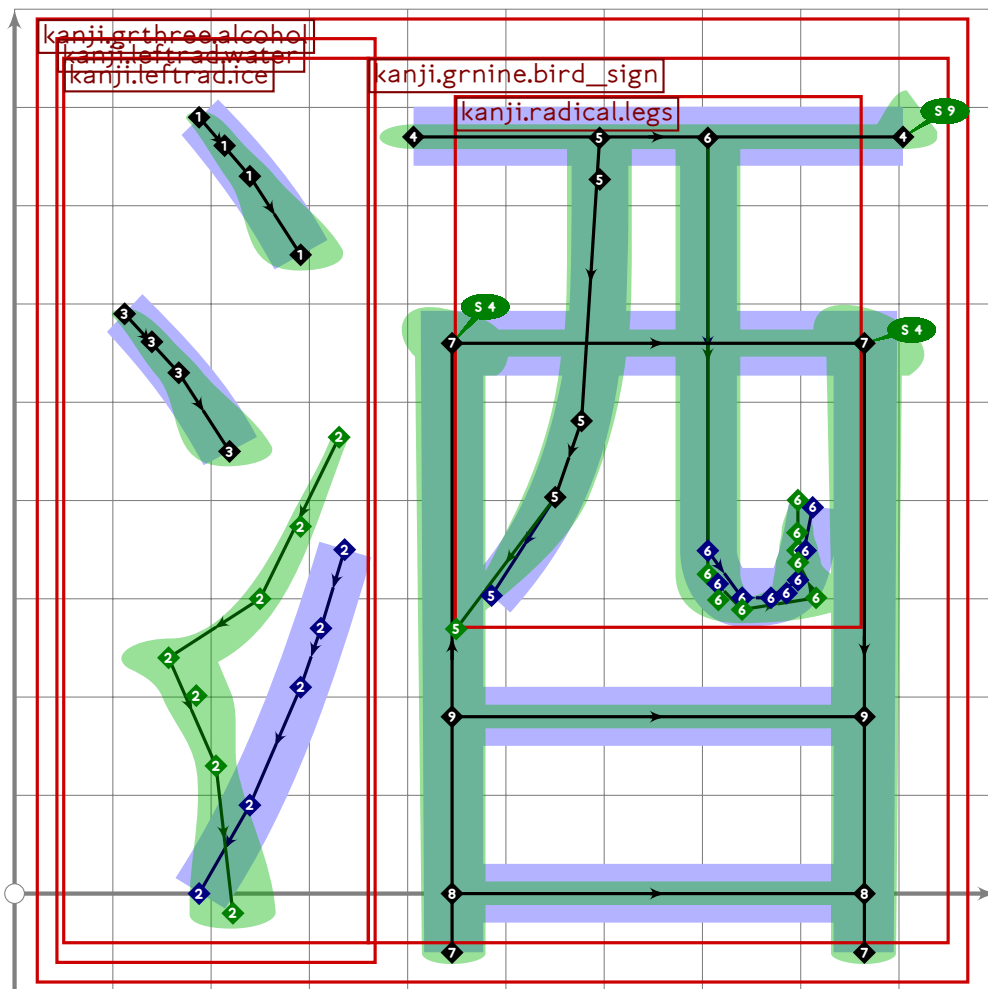

```



```

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

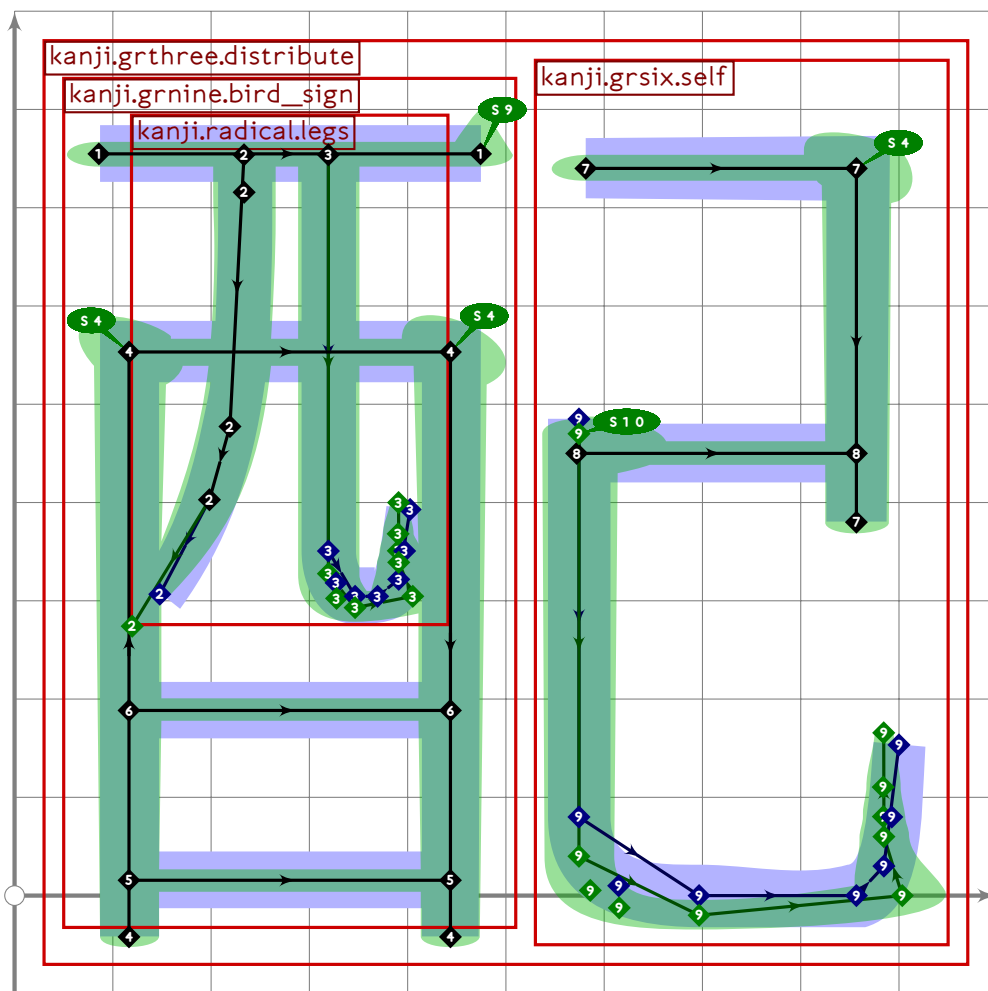
```



```

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;

```

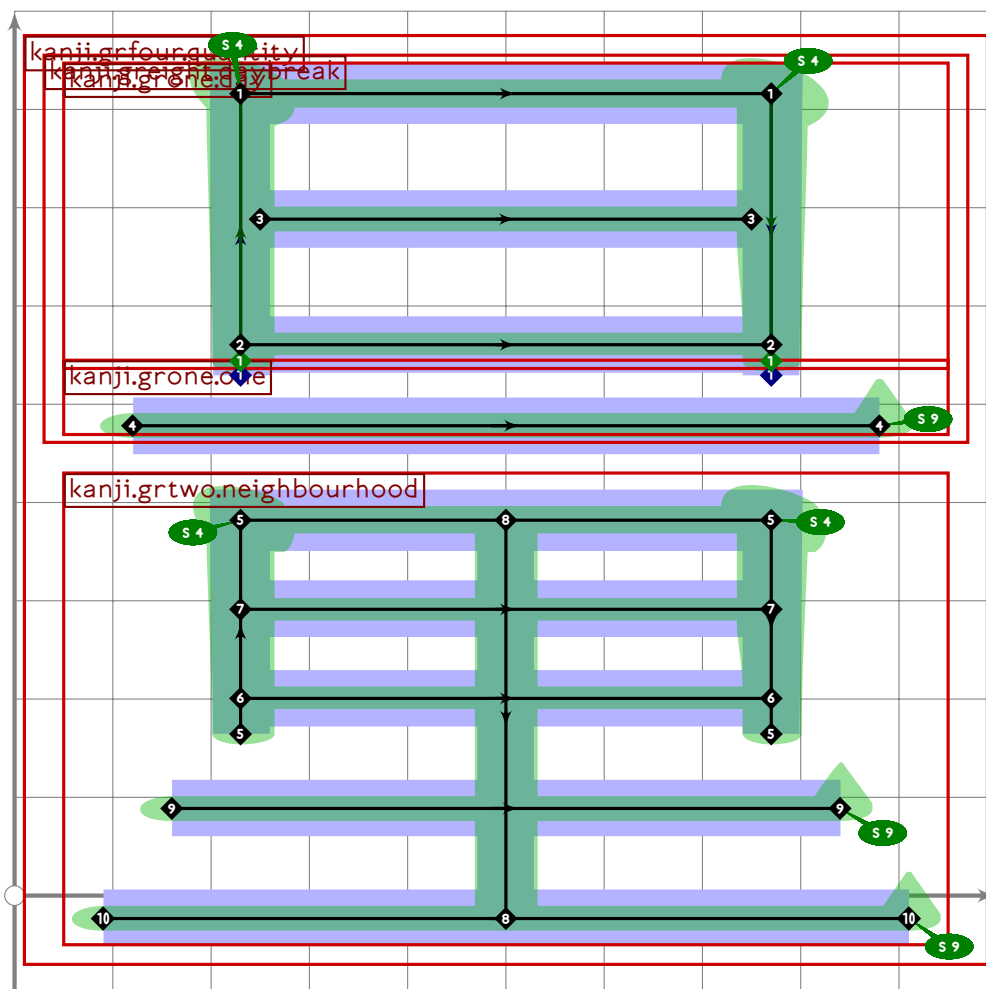


91

```

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

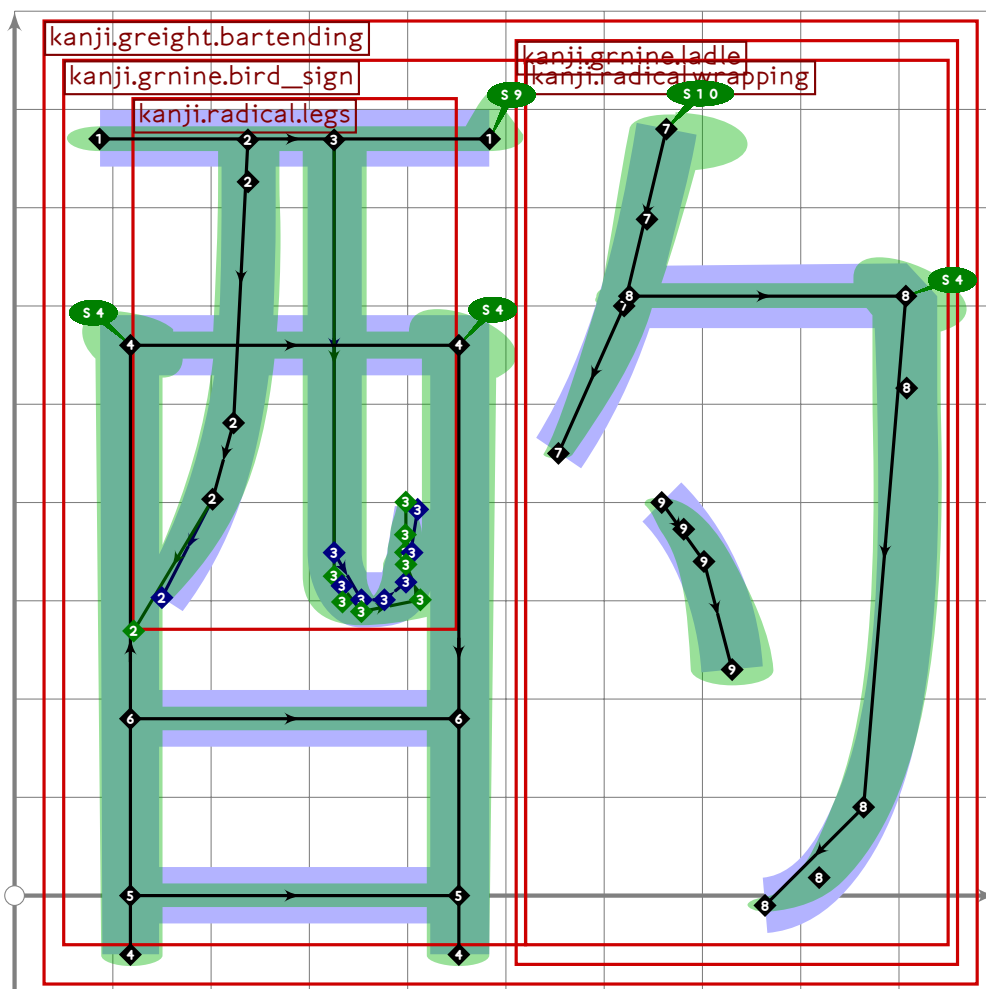
```



```

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

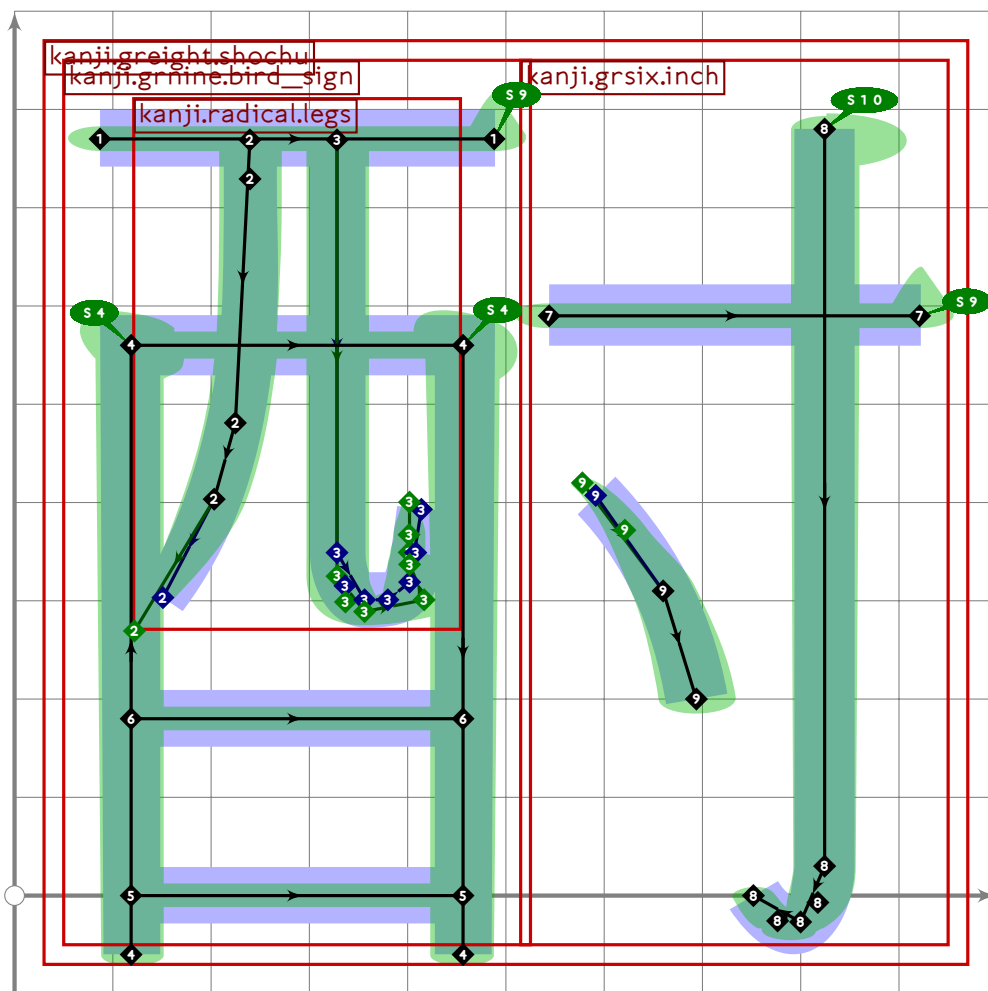
```



```

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;

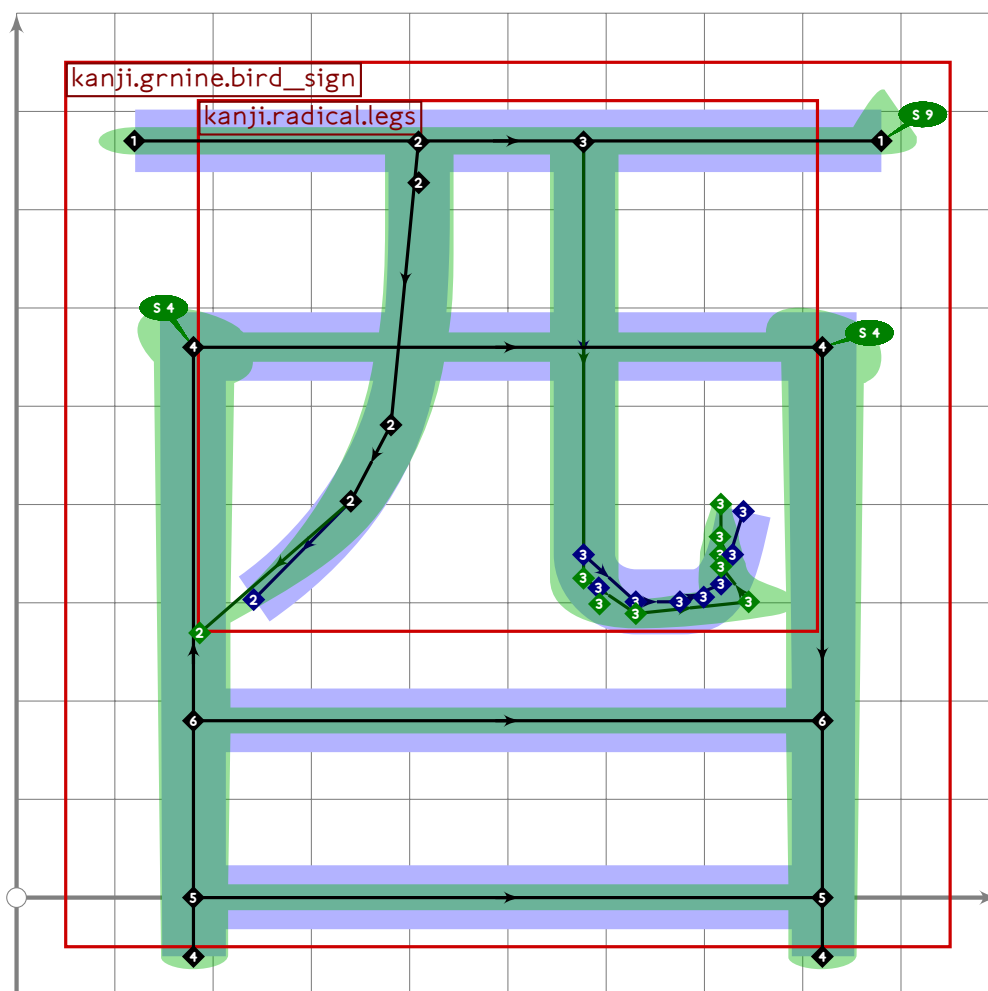
```



```

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

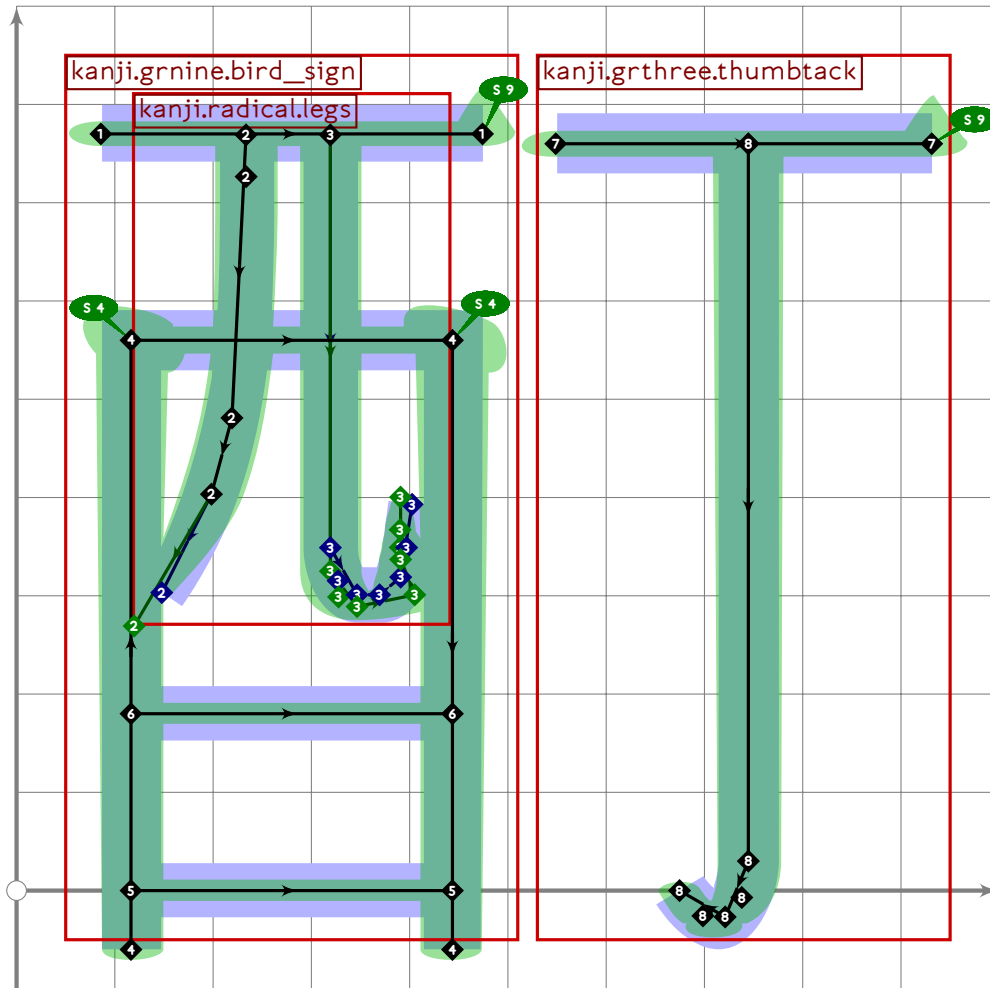
```

```

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 2831]



```

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;
141
142 % hai/kuba "distribute"
143 begintsuglyph("uni914D";77);
144   kanji.grthree.distribute;
145   tsu_render;
146 endtsuglyph;
147
148 % chu/kamo "shochu" (chuu as in chuu-hai)

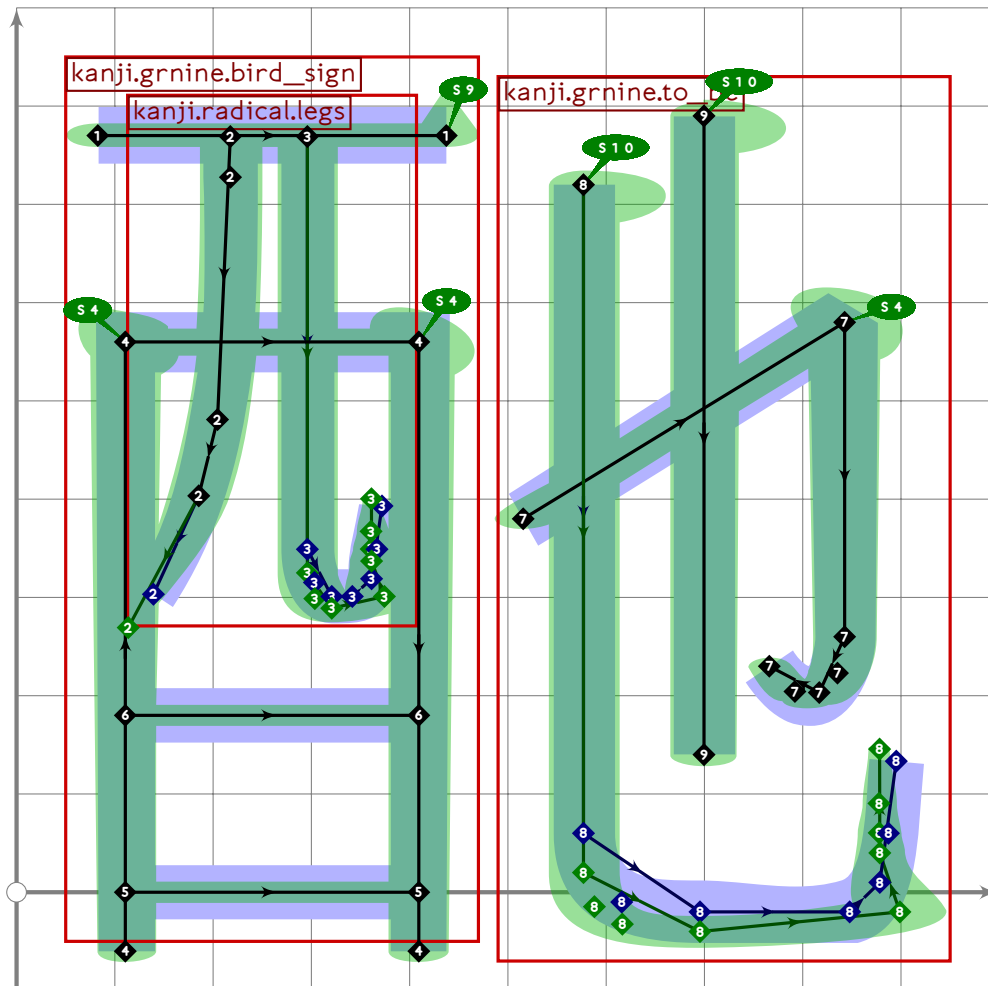
```

[see page 2829]

[see page 2827]

[see page 2830]

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

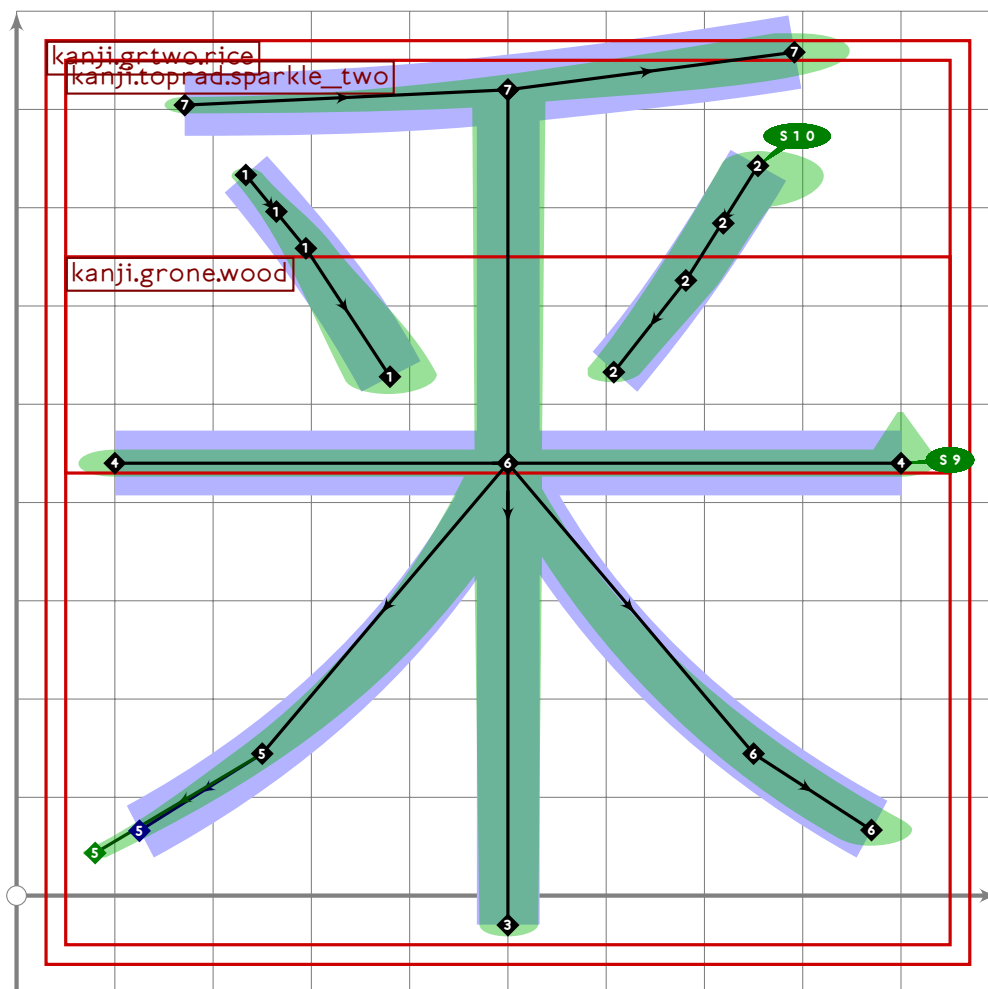


```
154 % extra
155 begintsuglyph("uni914F";79);
156   build_kanji.lr(480;20)
157   (kanji.grnine.bird_sign)
158   (tsu_xform(identity shifted (0;20))(kanji.grnine.to_be));
159   tsu_render;
160 endsuglyph;
161
162 % shu/sake "alcoholic drink"
163 begintsuglyph("uni9152";82);
164   kanji.grthree.alcohol;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

[see page 2826]

U+91C6
tsuku.uni91C6

91



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 742]

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 530]

182 kanji.grtwo.neighbourhood;

183 tsu_render;

184 endtsuglyph;

185

186 % shuu/e "heap big"

187 begintsuglyph("uni91CD";205);

[see page 578]

188 kanji.grthree.heap_big;

```

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

```

[see page 2825]

[see page 2828]

[see page 439]

tsuku-92.mp

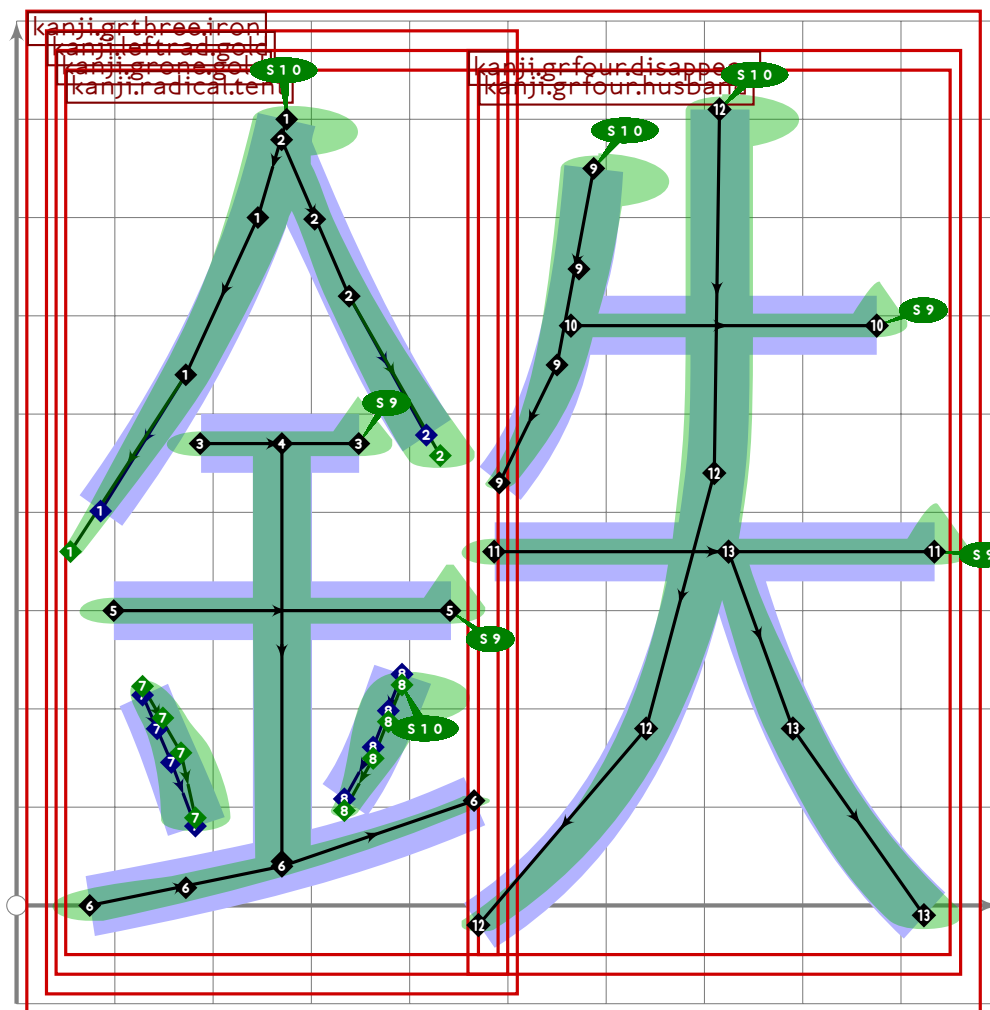
```
1 %
2 % Unicode page 92 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---


```

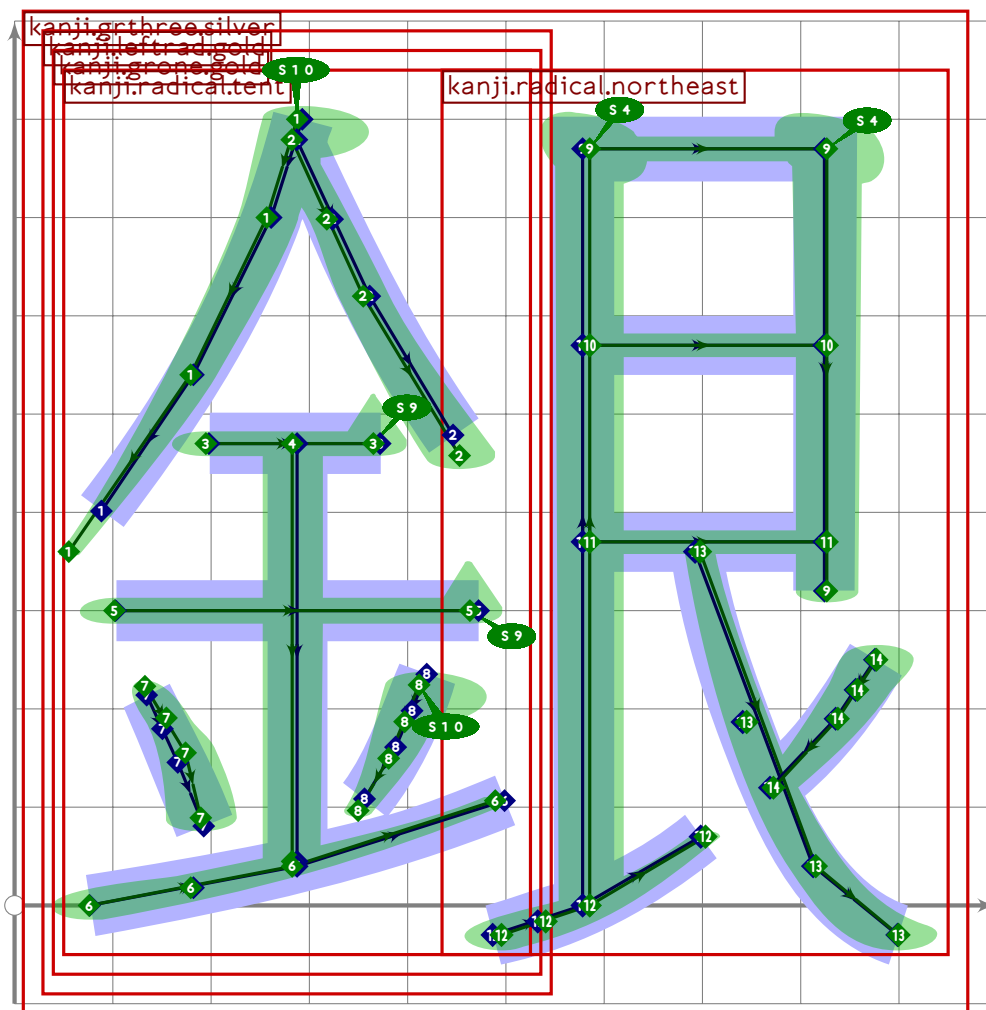


```

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;

```

U+9280
tsuku.uni9280



92

```

53
54 vardef kanji.grthree.silver =
55   push_pbox_toexpand("kanji.grthree.silver");
56   build_kanji.level(build_kanji.lr(480,90-20*mincho)
57     (kanji.leftrad.gold)
58     (kanji.radical.northeast));
59   expand_pbox;
60 enddef;
61
62
63

```

```

64 % tetsu/kurogane "iron"
65 begintsuglyph("uni9244";68);
66   kanji.grthree.iron;
67   tsu_render;
68 endtsuglyph;
69
70 % gin/shirogane "silver"
71 begintsuglyph("uni9280";128);
72   kanji.grthree.silver;
73   tsu_render;

```

[see page 2837]

[see page 2838]

74 endtsuglyph;

75

76

77

78 endfont;

79

80

tsuku-93.mp

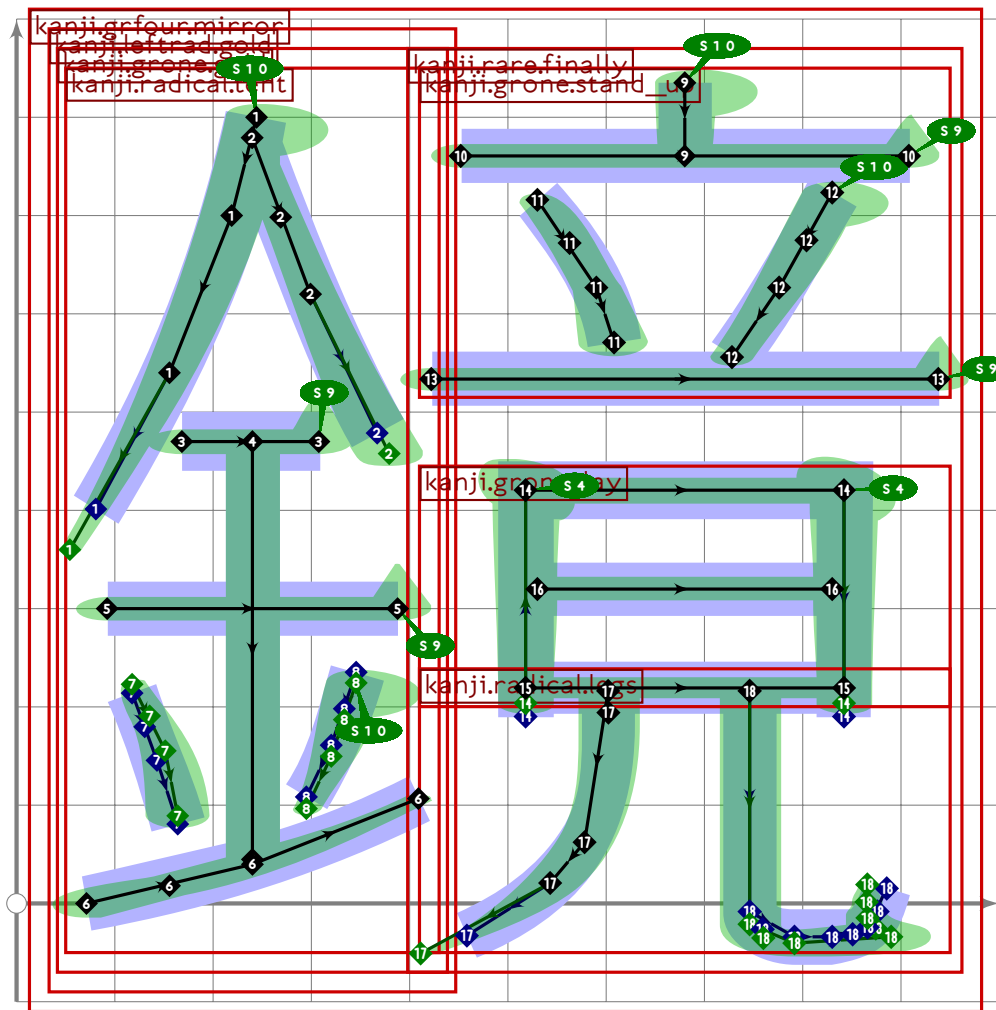
```
1 %
2 % Unicode page 93 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

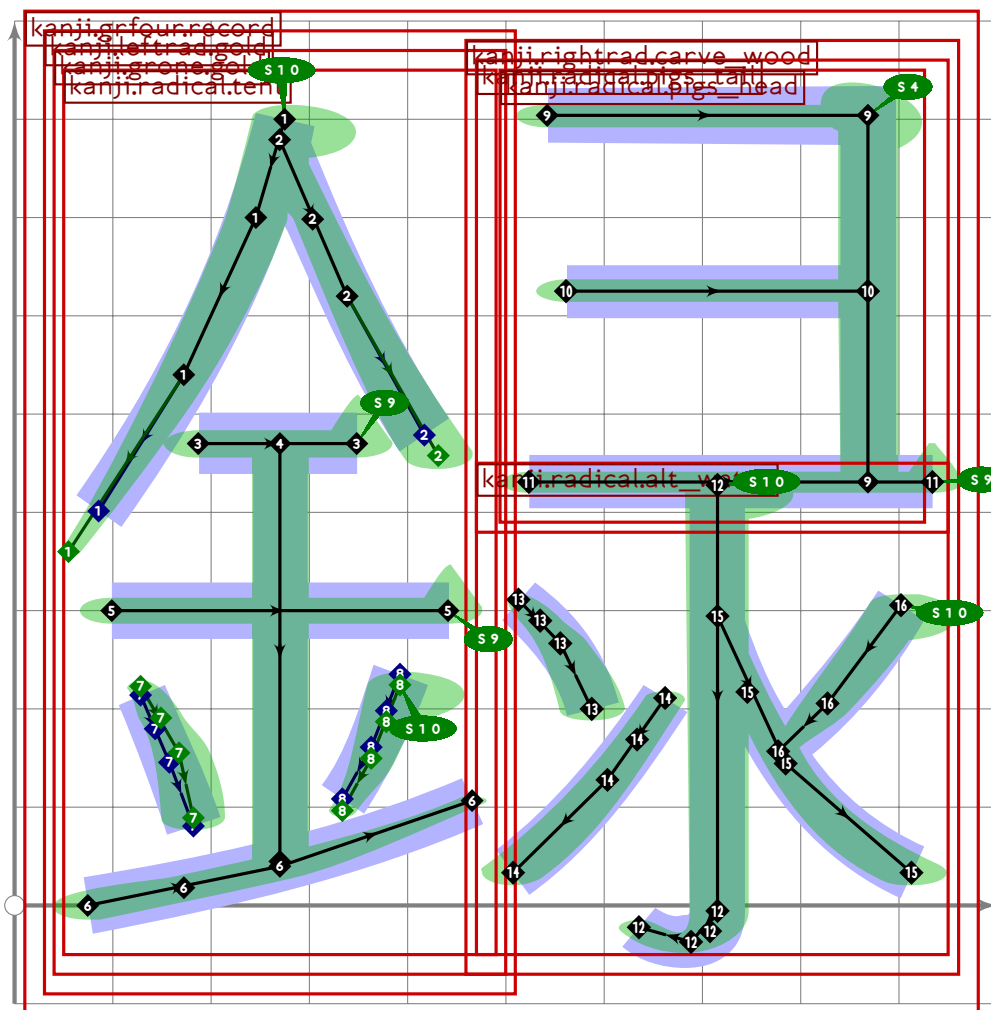

```



```

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 2842]

[see page 2841]

75 endtsuglyph;

76

77

78

79 endfont;

80

81

tsuku-95.mp

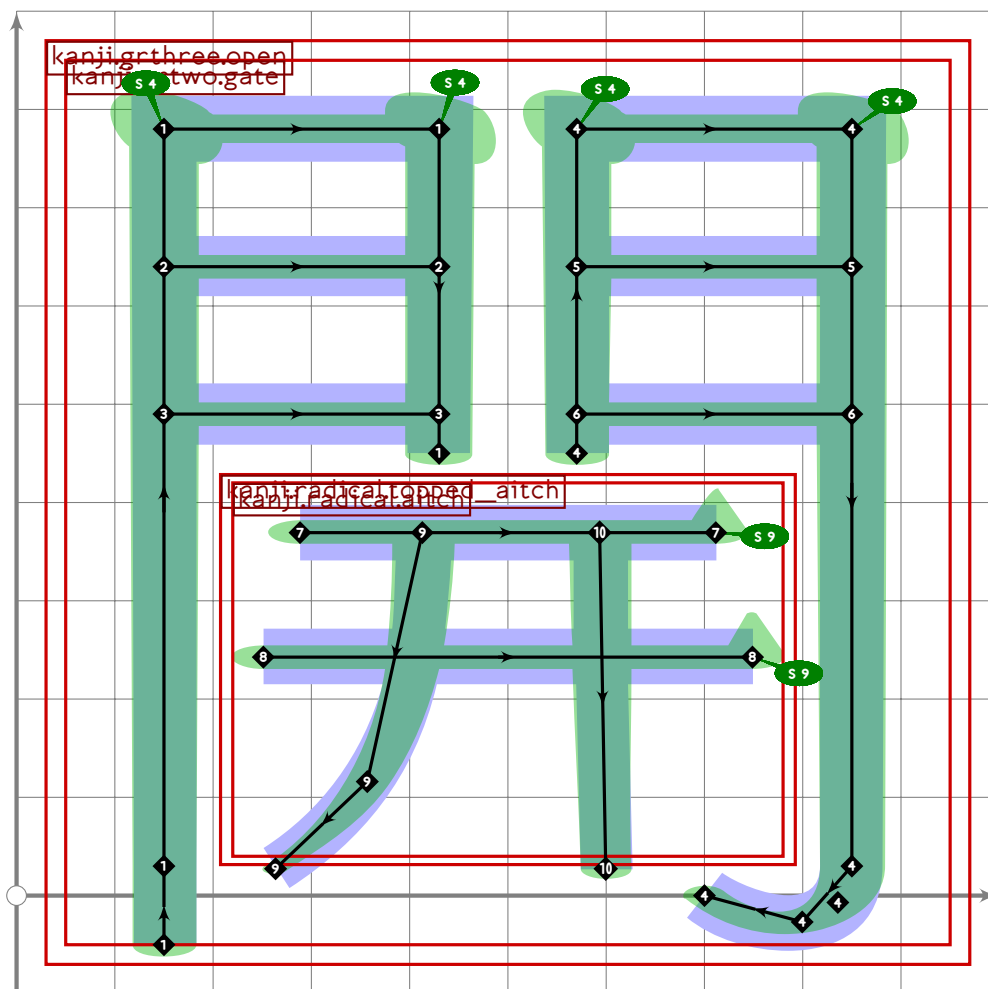
```
1 %
2 % Unicode page 95 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

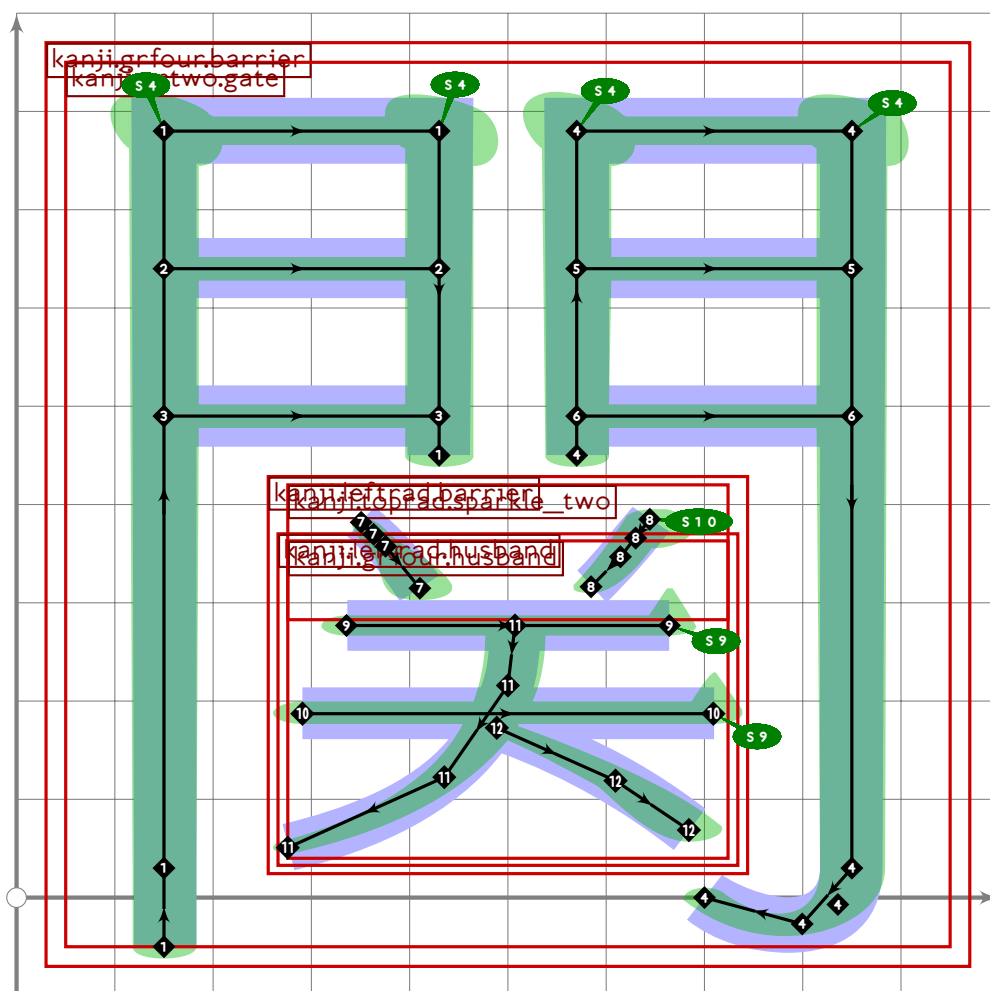

```



```

51
52 vardef kanji.grthree.open =
53   push_pbox_toexpand("kanji.grthree.open");
54   build_kanji.gate_enclose(kanji.radical.topped_aitch);
55   expand_pbox;
56 enddef;
57
58

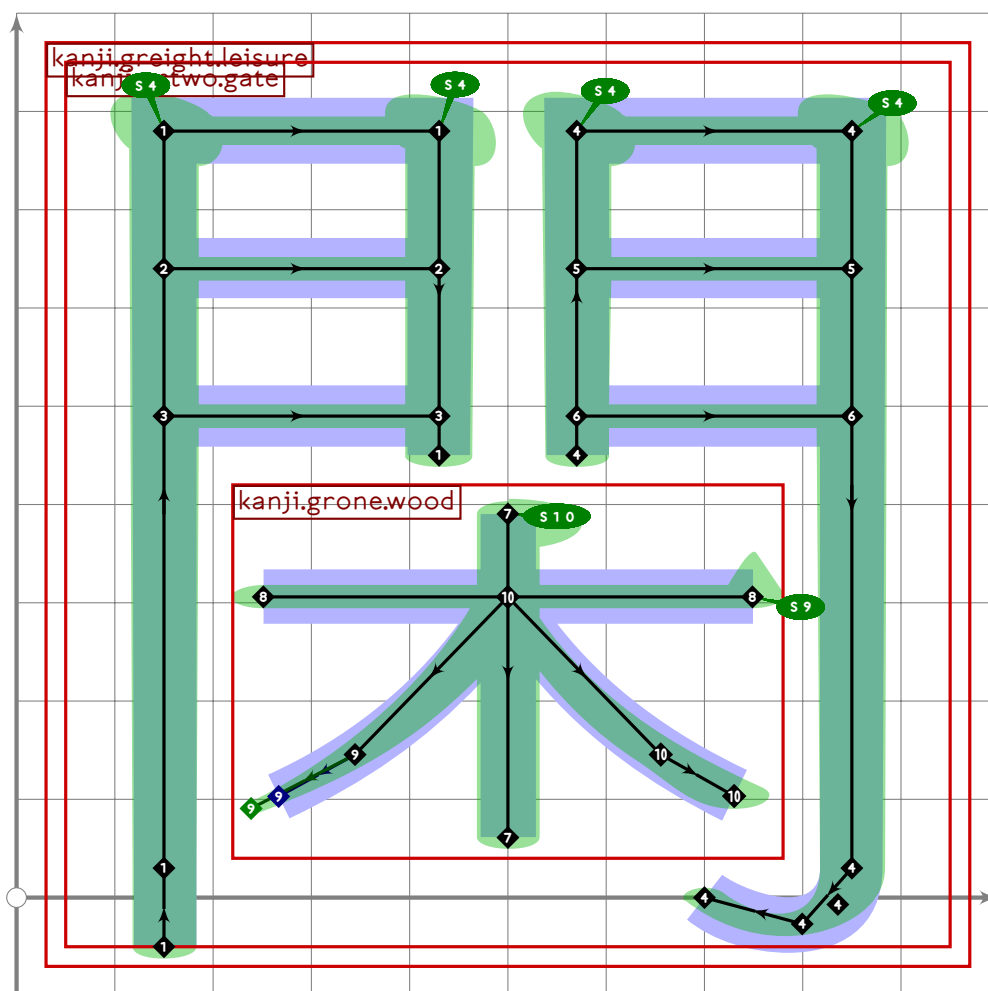
```



```

59
60 vardef kanji.grfour.barrier =
61   push_pbox_toexpand("kanji.grfour.barrier");
62   build_kanji.gate_enclose(build_kanji.sscale(xscaled 0.8)
63     (kanji.leftrad.barrier));
64   expand_pbox;
65 enddef;
66
67

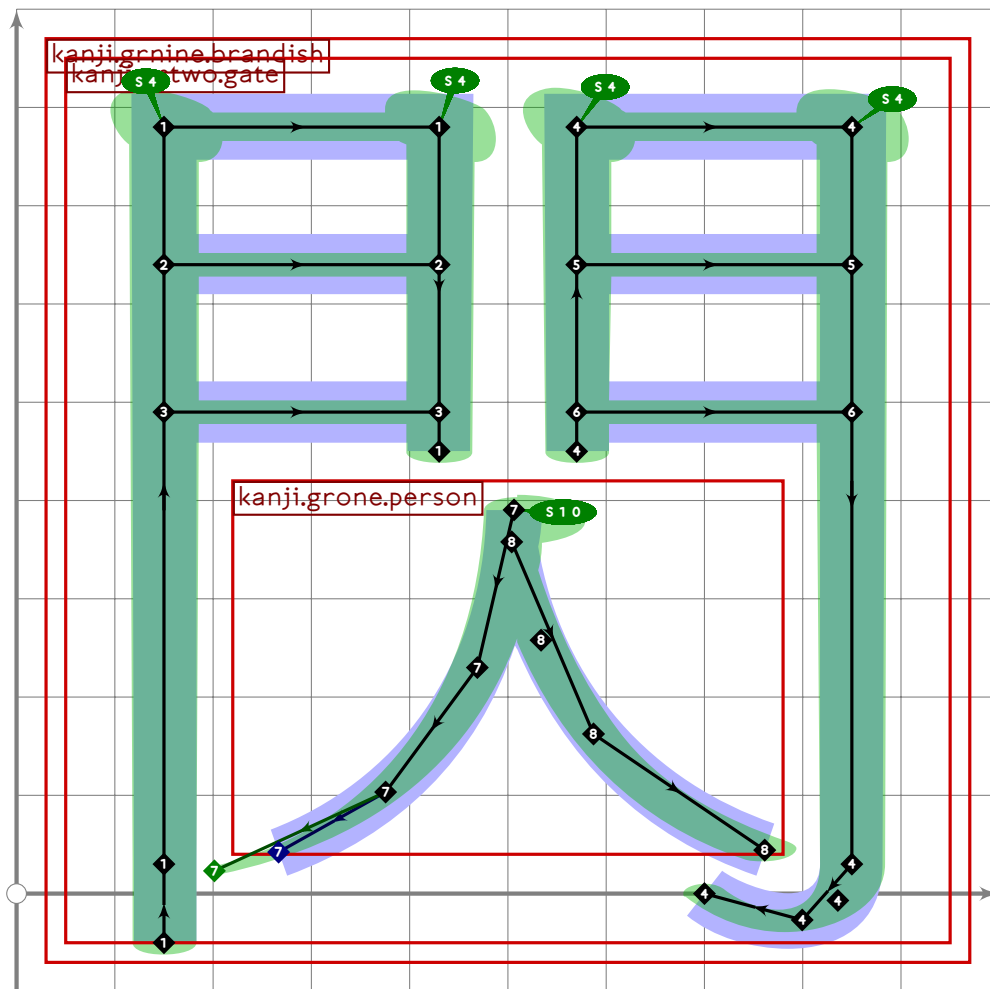
```

```

68
69 vardef kanji.greight.leisure =
70   push_pbox_toexpand("kanji.greight.leisure");
71   build_kanji.gate_enclose(kanji.grone.wood);
72   expand_pbox;
73 enddef;
74
75

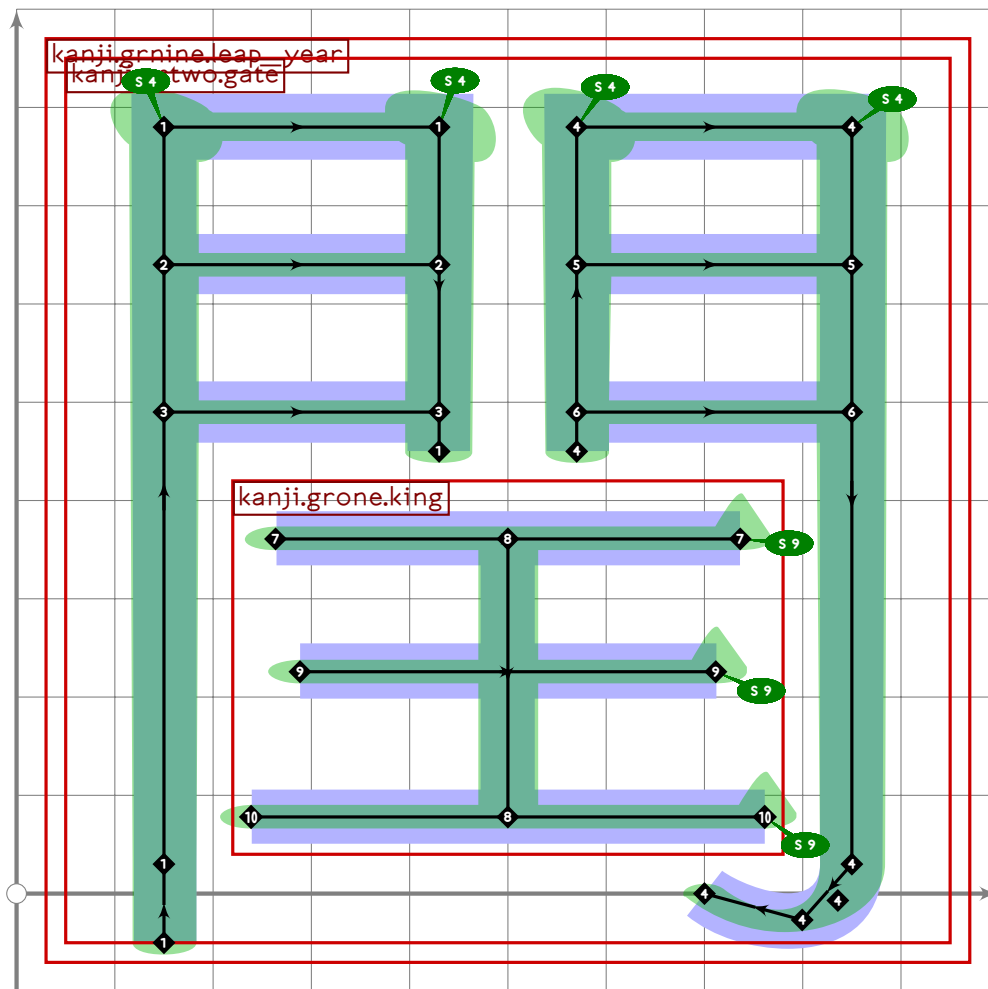
```



```

76
77 vardef kanji.grnine.brandish =
78   push_pbox_toexpand("kanji.grnine.brandish");
79   build_kanji.gate_enclose(kanji.grone.person);
80   expand_pbox;
81 enddef;

```



```

82
83 vardef kanji.grnine.leap_year =
84   push_pbox_toexpand("kanji.grnine.leap_year");
85   build_kanji.gate_enclose(kanji.grone.king);
86   expand_pbox;
87 enddef;
88
89
90
91 vardef kanji.leftrad.barrier =
92   push_pbox_toexpand("kanji.leftrad.barrier");
93   build_kanji.tb(620,190)
94     (kanji.toprad.sparkle_two)
95     (kanji.leftrad.husband;
96     replace_stroke(-1)(subpath
97       (xpart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
98     set_bosserif(-1,0,whatever));
99   expand_pbox;
100 enddef;
101
102

```

U+9582
tsuku.uni9582

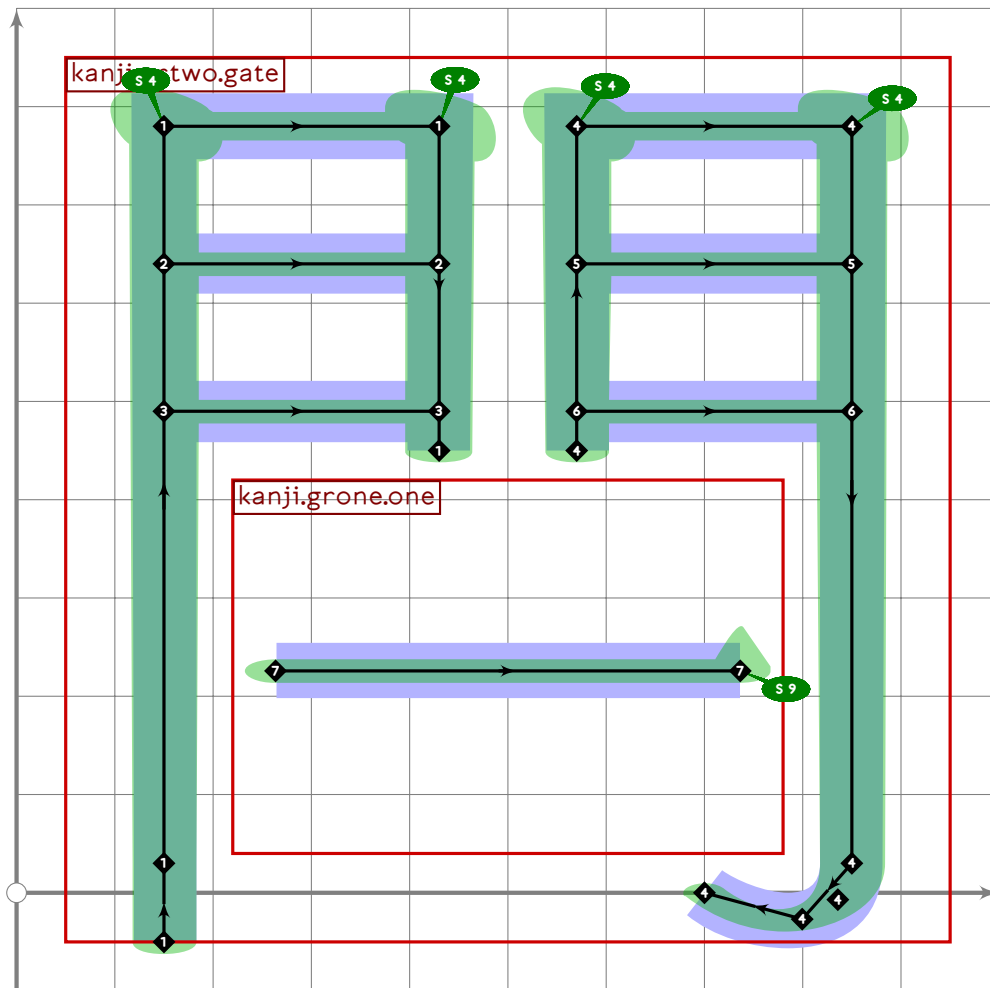
```
103
104 % chou/naga "long"
105 begintsuglyph("uni9577";119);
106 kanji.grtwo.long;
107 tsu_render;
108 endtsuglyph;
```

[see page 519]

```
109
110 % mon/kado "gate"
111 begintsuglyph("uni9580";128);
112 kanji.grtwo.gate;
113 tsu_render;
114 endtsuglyph;
```

[see page 507]

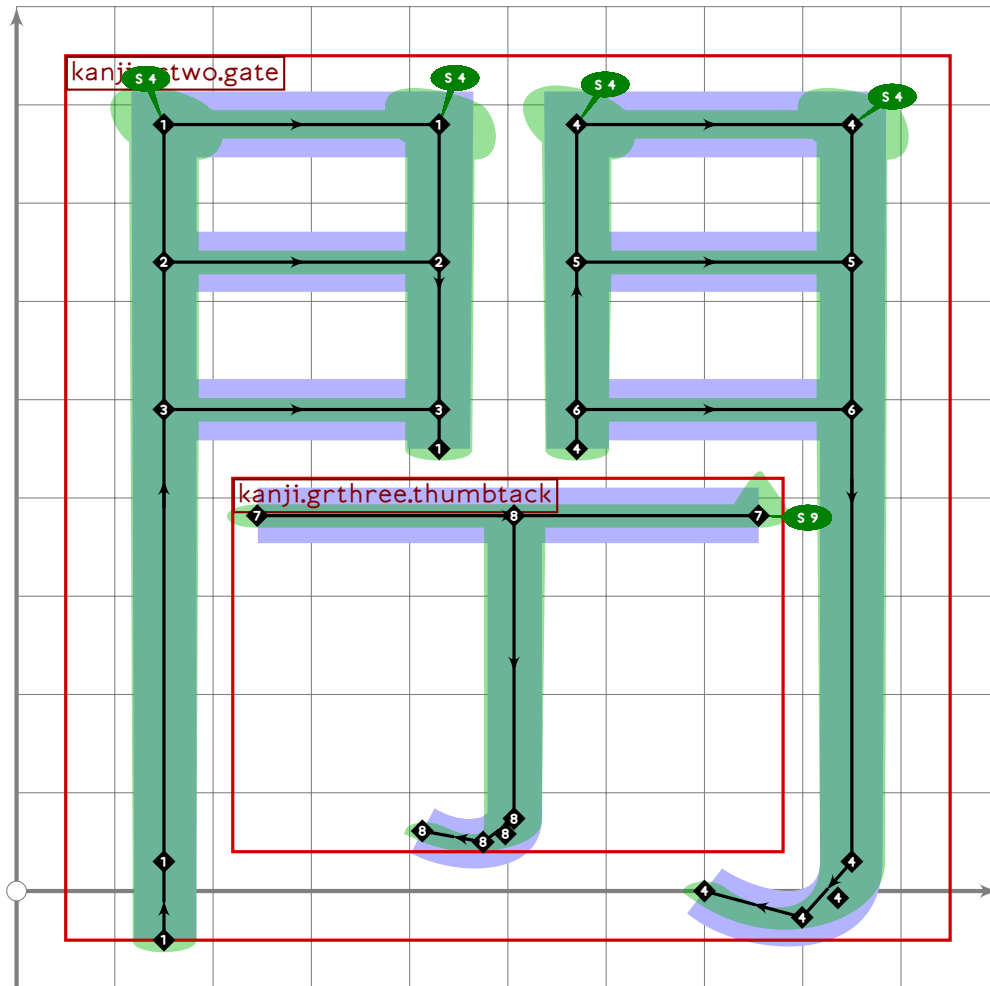
115



```
116 % extra
117 begintsuglyph("uni9582";130);
118 build_kanji.gate_enclose(kanji.grone.one);
119 tsu_render;
120 endtsuglyph;
121
122 % sen/hirame "brandish"
123 begintsuglyph("uni9583";131);
```

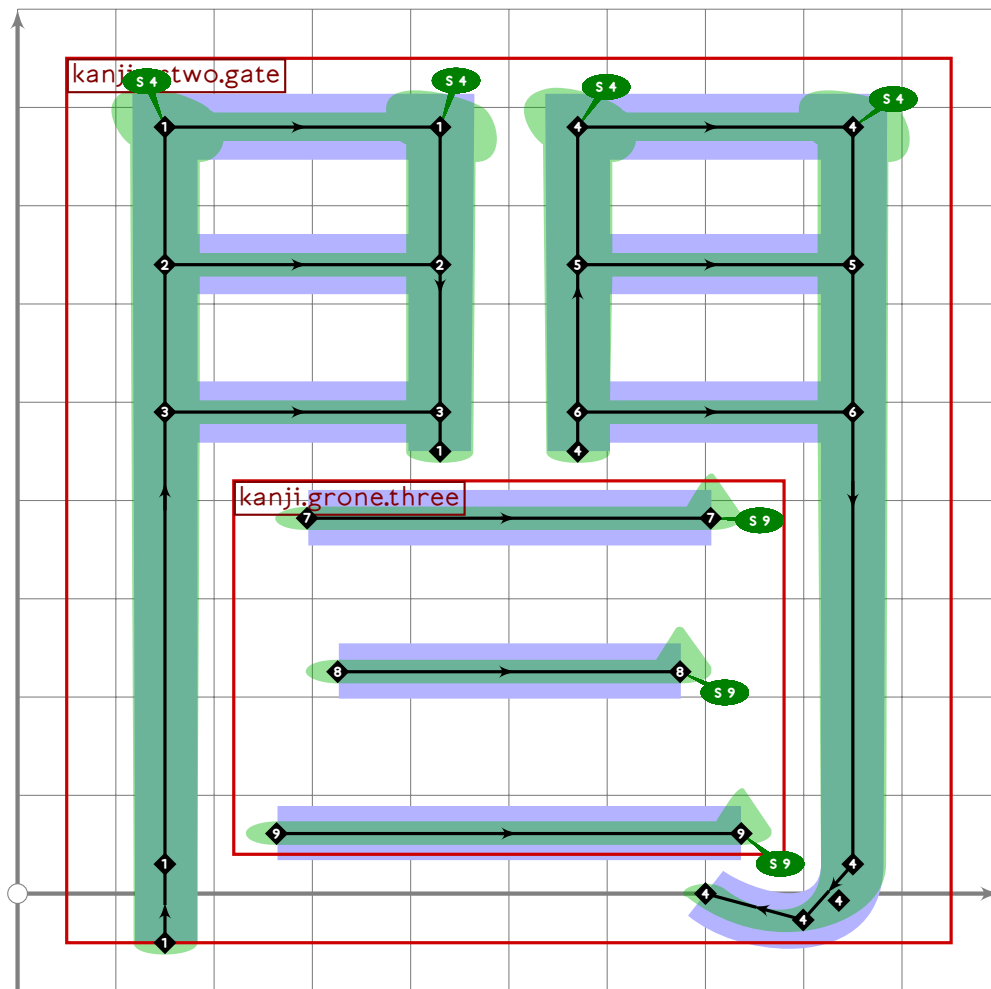
[see page 2848]

```
124 kanji.grnine.brandish;
125 tsu_render;
126 endtsuglyph;
127
```



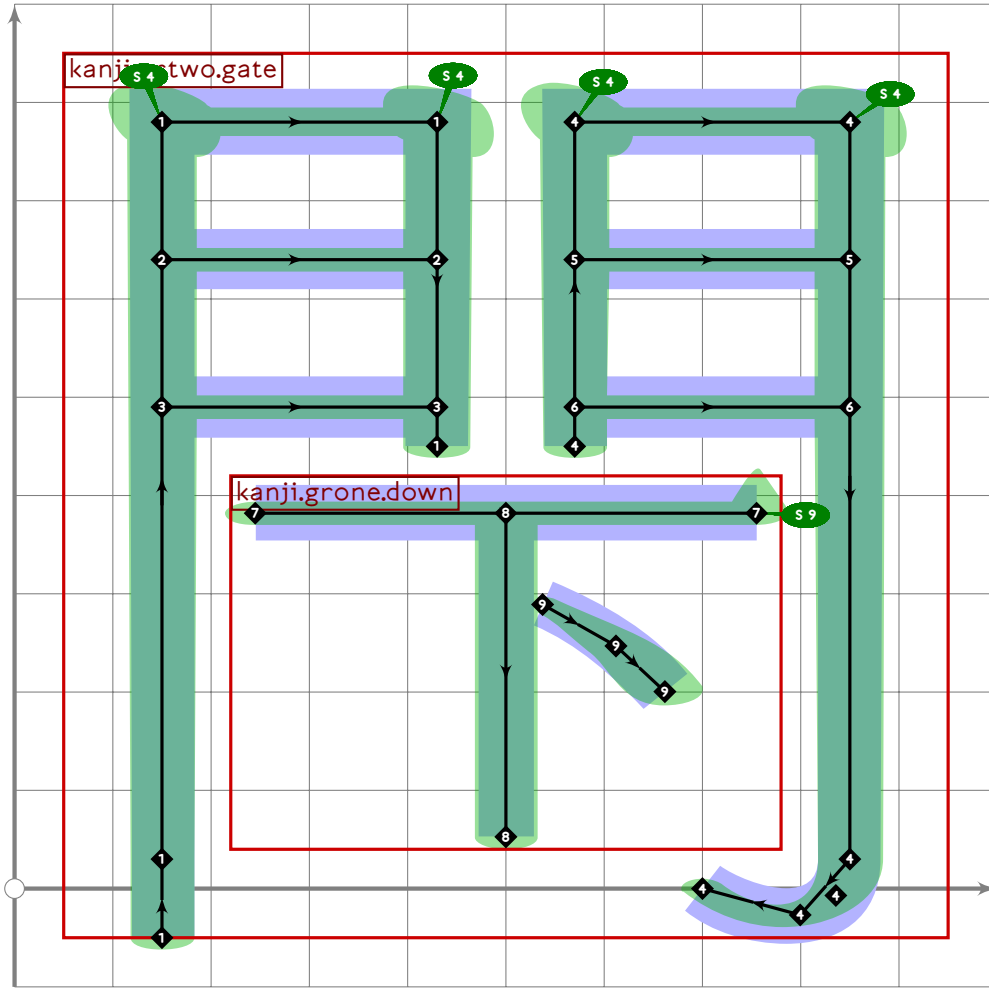
```
128 % extra
129 begint Suglyph("uni9585";133);
130 build_kanji.gate_enclose(kanji.grthree.thumbtack);
131 tsu_render;
132 endtsuglyph;
133
```

U+9586
tsuku.uni9586



95

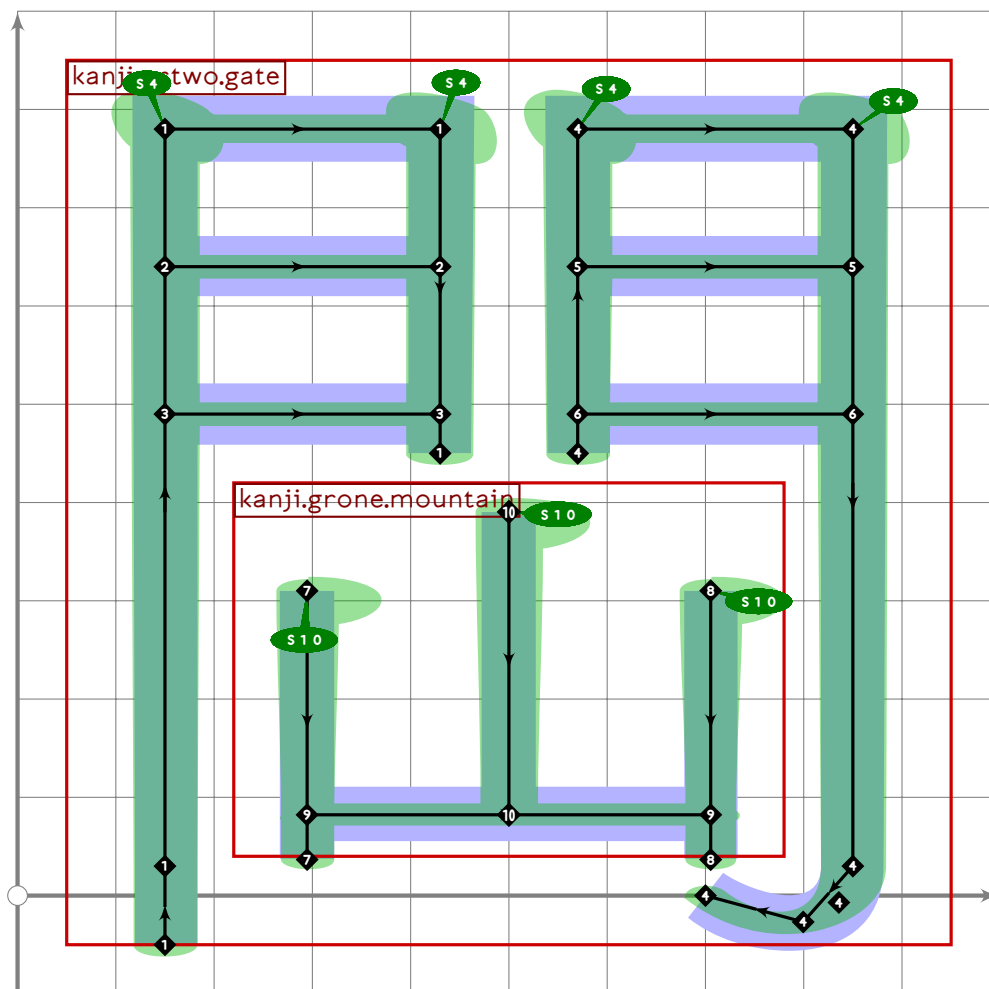
```
134 % extra
135 beginsuglyph("uni9586",134);
136   build_kanji.gate_enclose(kanji.grone.three);
137   tsu_render;
138 endsuglyph;
139
```



```

140 % hei/to "block up"
141 begintsuglyph("uni9587",135);
142   build_kanji.gate_enclose(kanji.grone.down);
143   tsu_render;
144 endtsuglyph;
145

```



```

146 % tsuka "choke"
147 begintsuglyph("uni958A",138);
148   build_kanji.gate_enclose(kanji.grone.mountain);
149   tsu_render;
150 endtsuglyph;
151
152 % kai/hira "open"
153 begintsuglyph("uni958B",139);
154   kanji.grthree.open;
155   tsu_render;
156 endtsuglyph;
157
158 % jun/uruu "leap year"
159 begintsuglyph("uni958F",143);
160   kanji.grnine.leap_year;
161   tsu_render;
162 endtsuglyph;
163
164 % kan/hima "leisure"
165 begintsuglyph("uni9591",145);
166   kanji.greight.leisure;

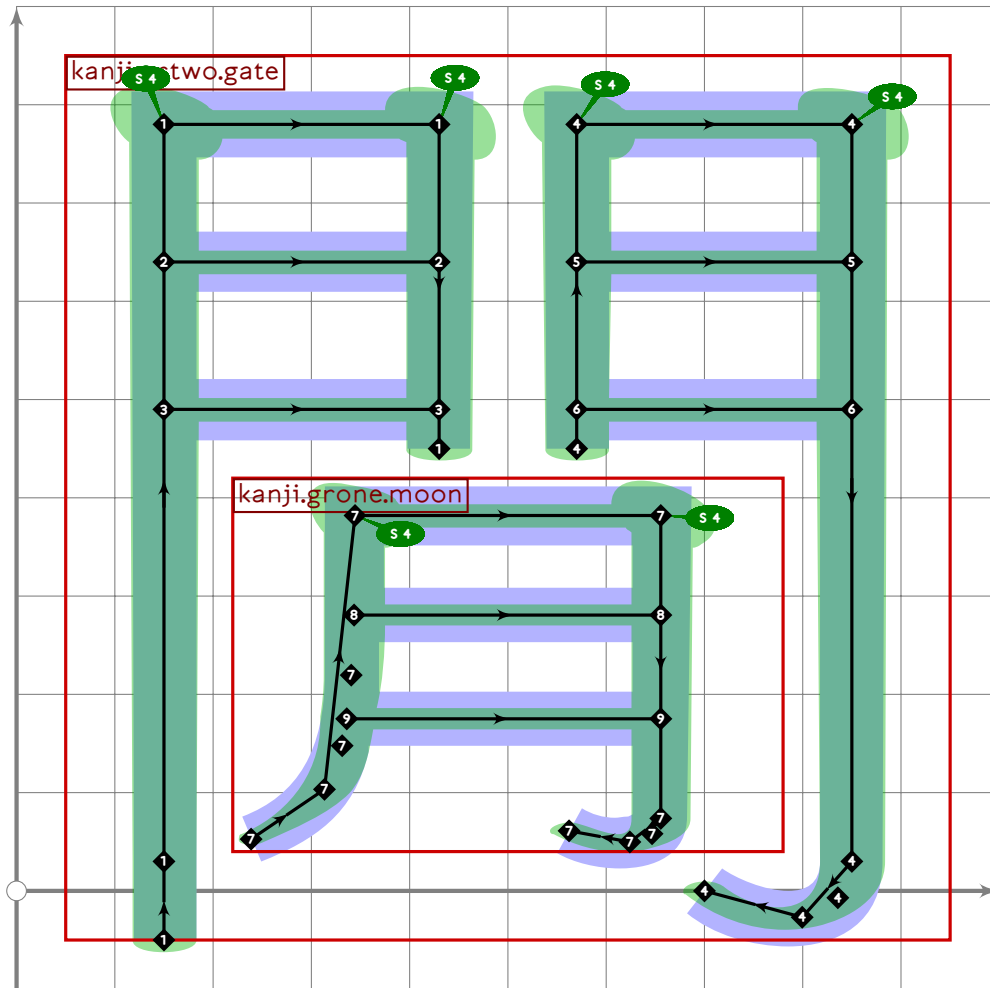
```

[see page 2845]

[see page 2849]

[see page 2847]

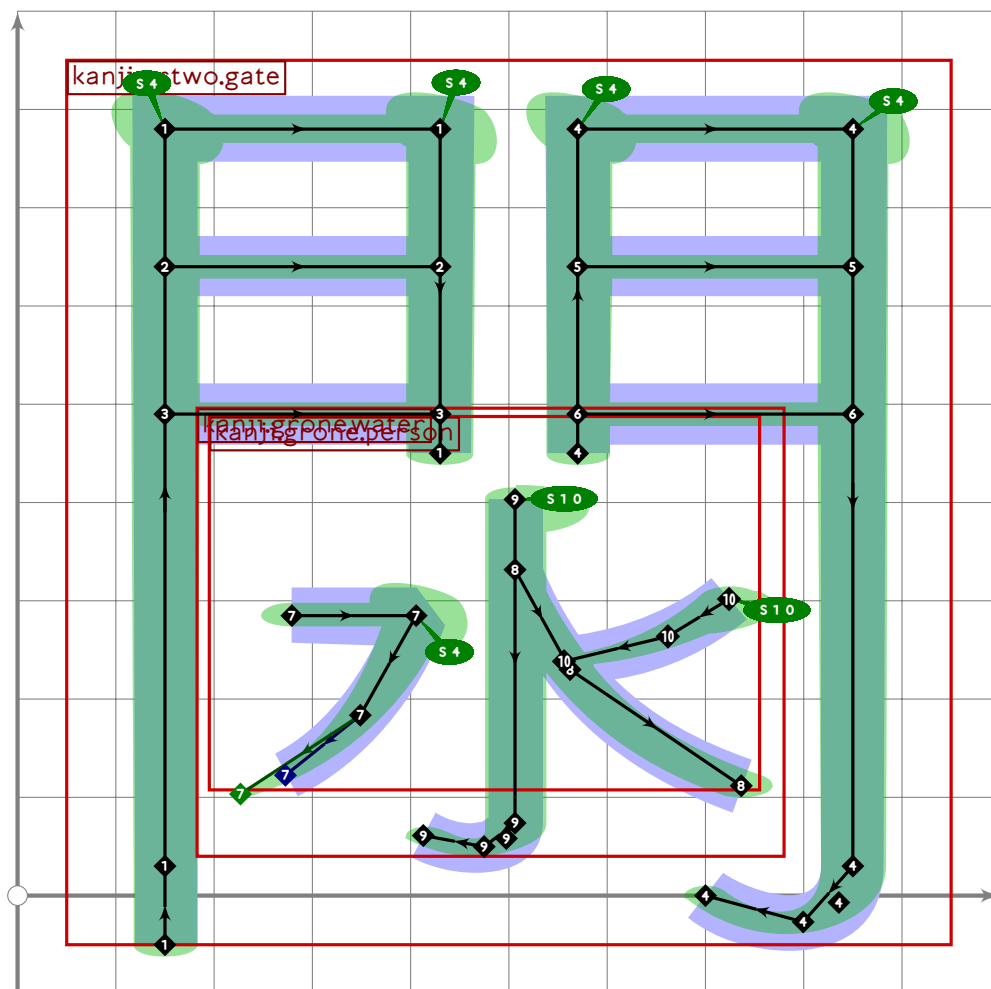

```
167 tsu_render;
168 endtsuglyph;
169
```



```
170 % extra
171 begintsuglyph("uni9592",146);
172 build_kanji.gate_enclose(kanji.grone.moon);
173 tsu_render;
174 endtsuglyph;
175
176 % kan/aida "interval"
177 begintsuglyph("uni9593",147);
178 kanji.grtwo.interval;
179 tsu_render;
180 endtsuglyph;
181
```

[see page 514]

U+9596
tsuku.uni9596

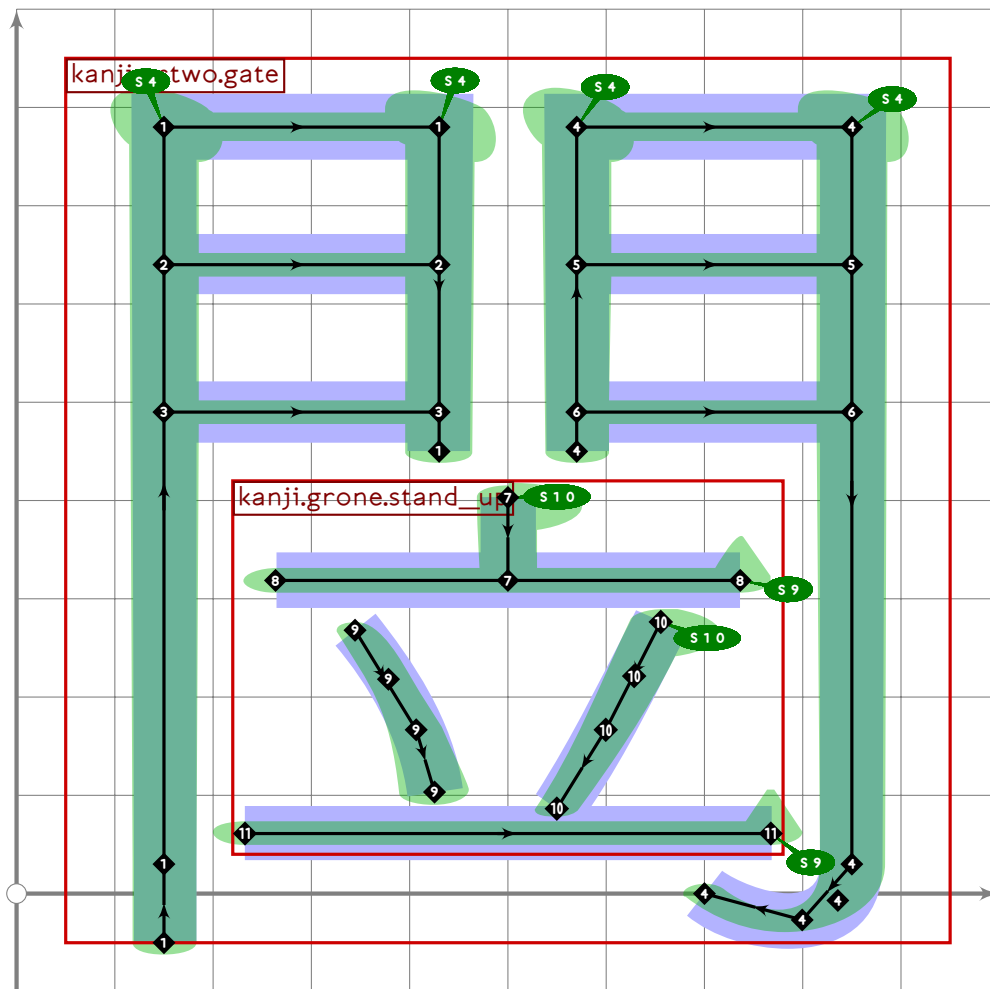


95

```

182 % extra
183 begintsuglyph("uni9596";150);
184   build_kanji.gate_enclose(kanji.grone.water);
185   tsu_render;
186 endtsuglyph;
187

```

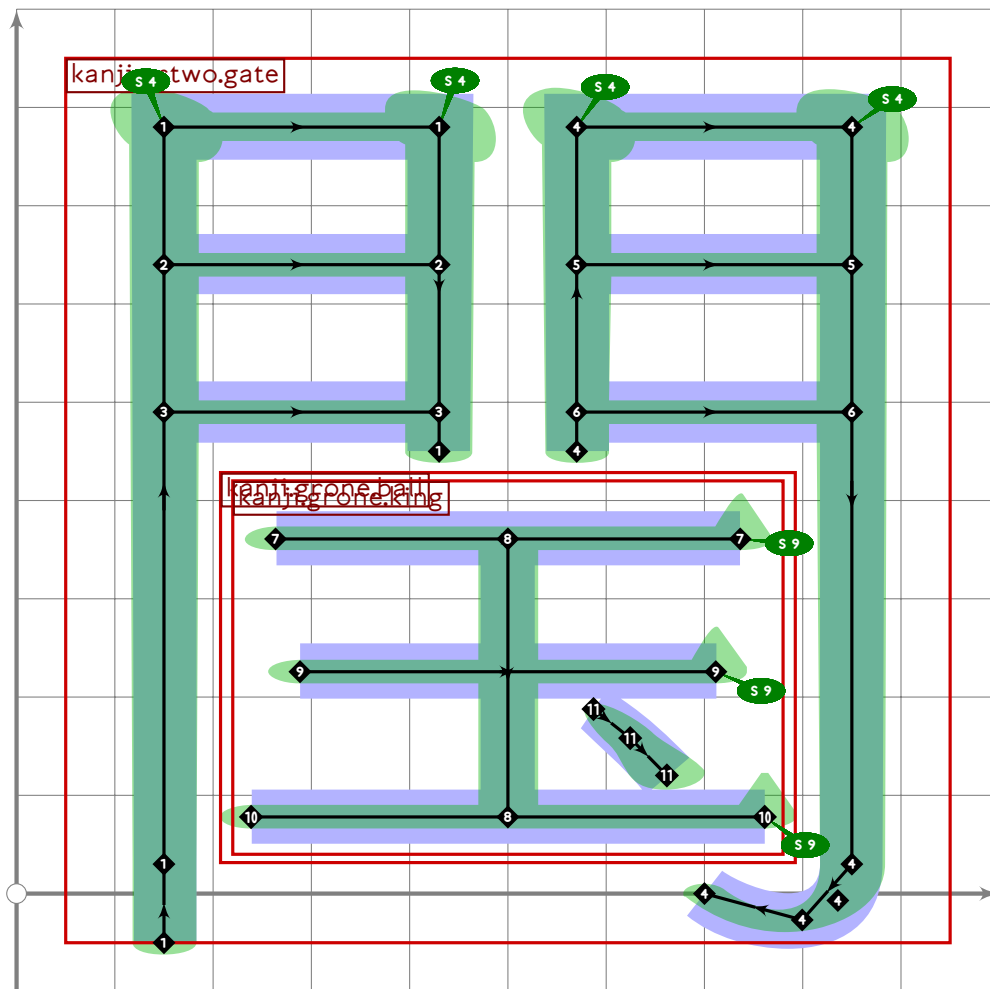


```

188 % extra
189 begintsuglyph("uni959A",154);
190   build_kanji.gate_enclose(kanji.grone.stand_up);
191   tsu_render;
192 endtsuglyph;
193

```

U+95A0
tsuku.uni95A0



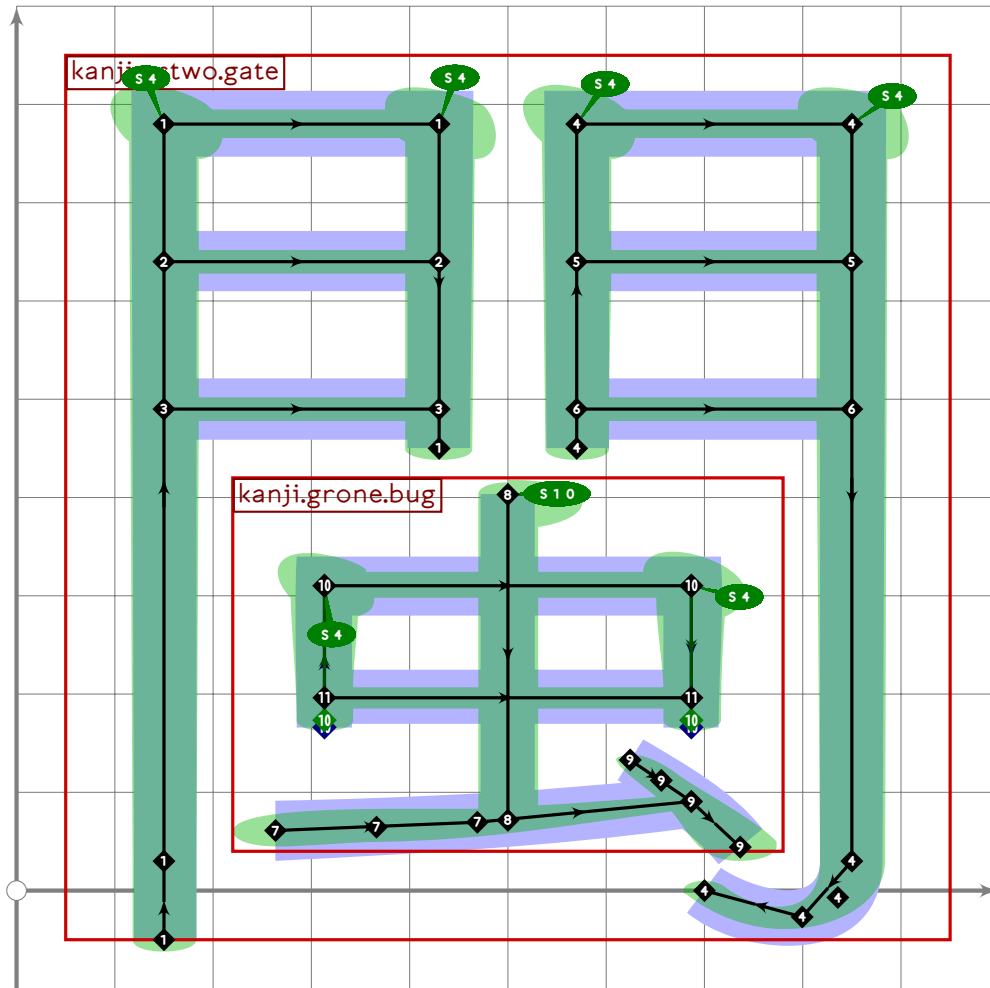
95

```

194 % extra
195 begintsuglyph("uni95A0";160);
196   build_kanji.gate_enclose(kanji.grone.ball);
197   tsu_render;
198 endtsuglyph;
199
200 % kan/seki "barrier"
201 begintsuglyph("uni95A2";162);
202   kanji.grfour.barrier;
203   tsu_render;
204 endtsuglyph;
205

```

[see page 2846]

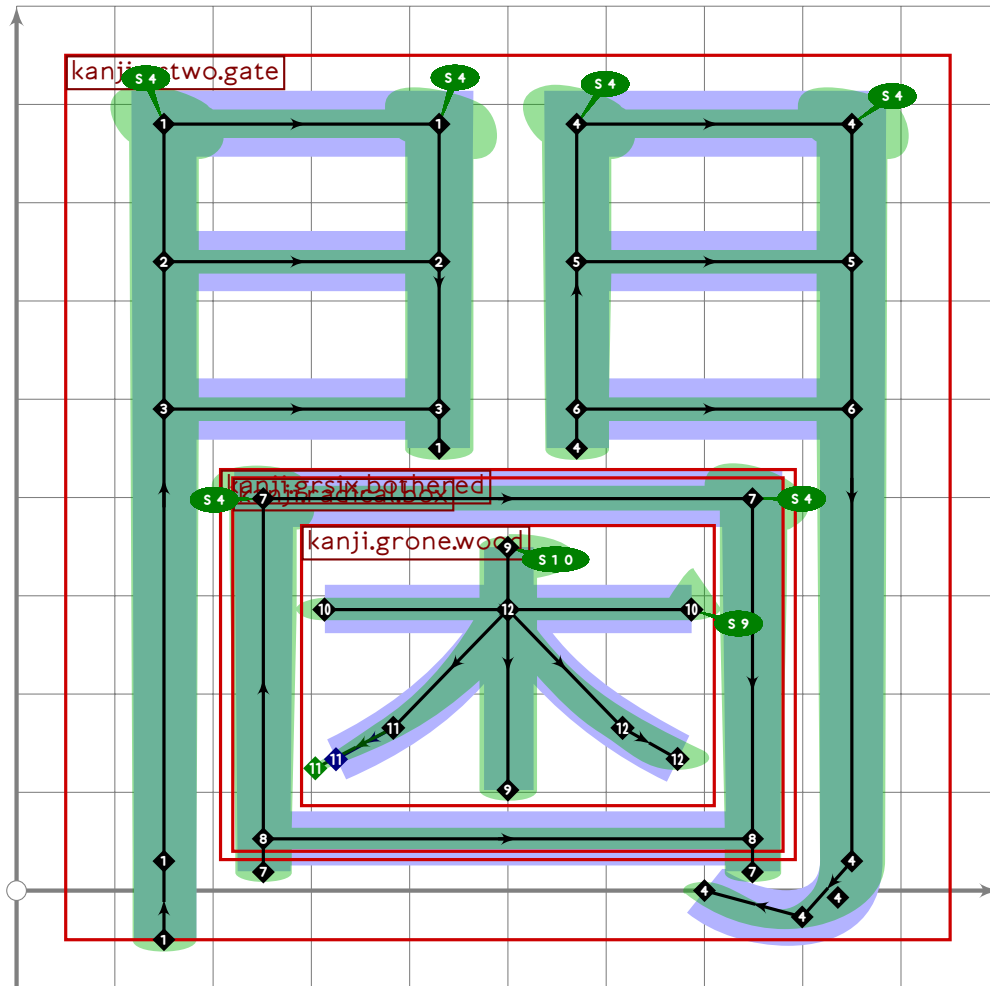


```

206 % extra
207 beginsuglyph("uni95A9",169);
208   build_kanji.gate_enclose(kanji.grone.bug);
209   tsu_render;
210 endsuglyph;
211

```

U+95AB
tsuku.uni95AB

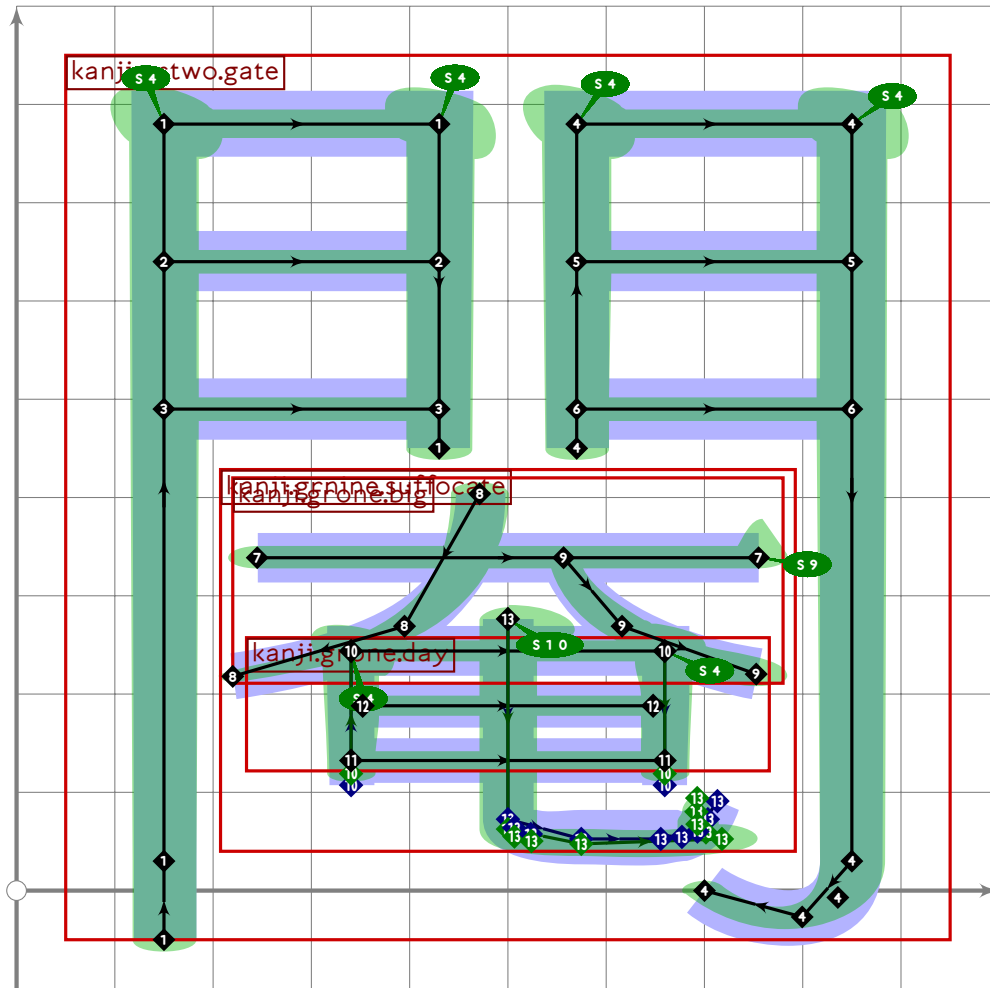


95

```

212 % extra
213 begintsuglyph("uni95AB";171);
214   build_kanji.gate_enclose(kanji.grsix.bothered);
215   tsu_render;
216 endtsuglyph;
217

```



```

218 % extra en/an/oo "eunuch"
219 begintsuglyph("uni95B9",185);
220   build_kanji.gate_enclose(kanji.grnine.suffocate);
221   tsu_render;
222 endsuglyph;
223
224
225
226 endfont;
227
228

```

tsuku-96.mp

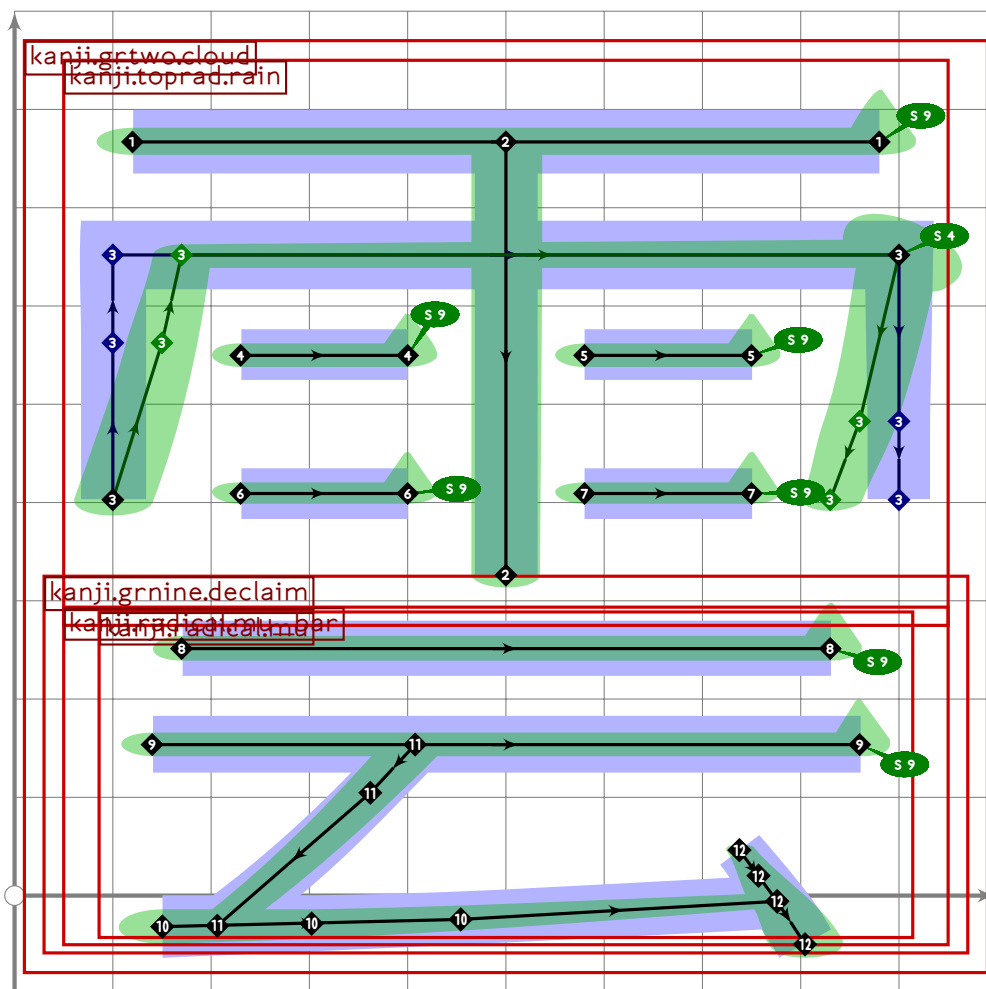
```
1 %
2 % Unicode page 96 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

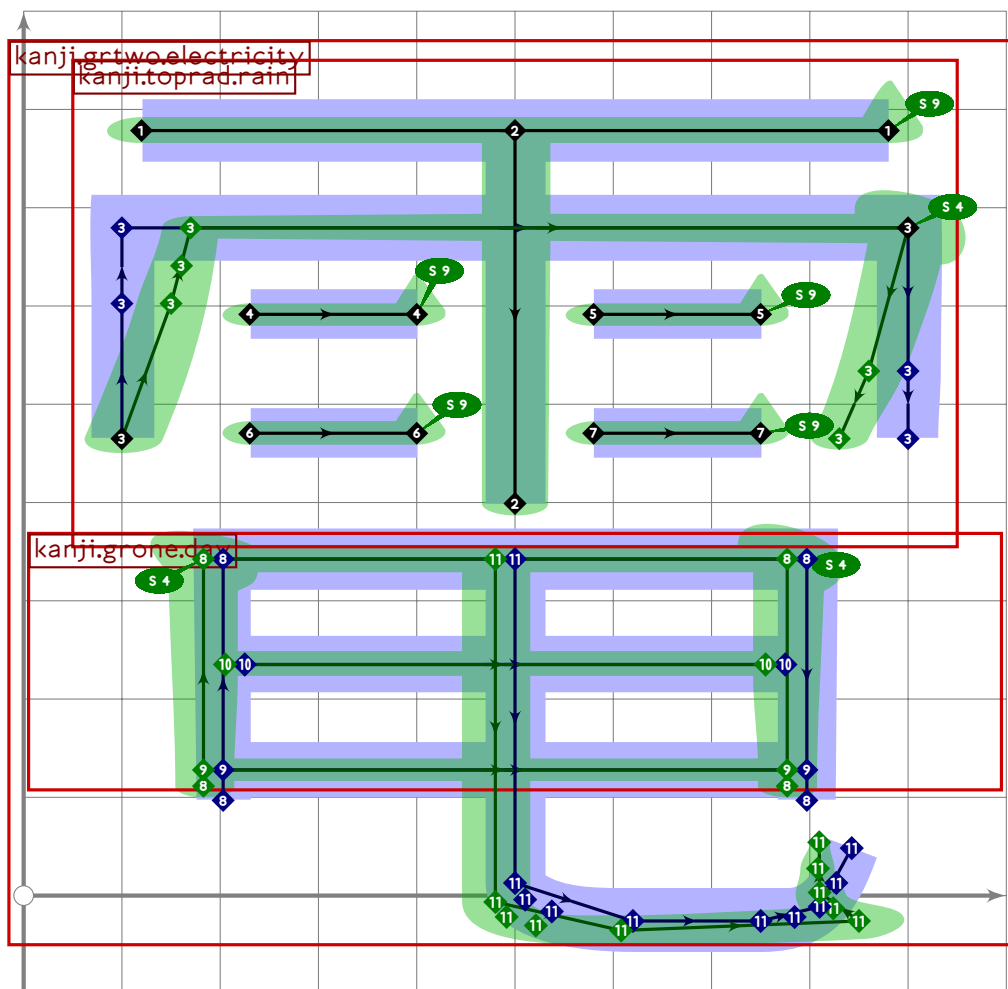

```

```

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

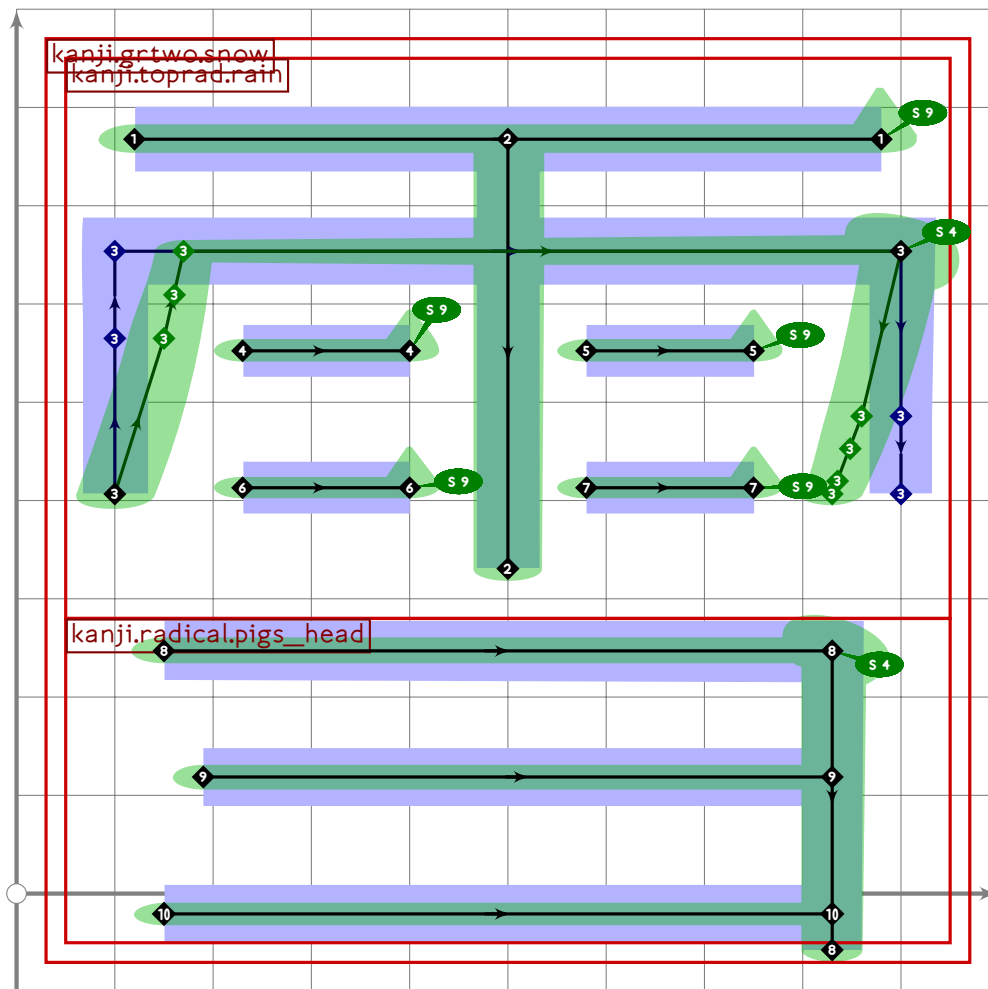
```



```

60
61 vardef kanji.grtwo.electricity =
62   push_pbox__toexpand("kanji.grtwo.electricity");
63   build_kanji.tb(370,30)
64   (kanji.toprad.rain)
65   (build_kanji.sscale(xyscaled (1.1,0.6) shifted (-20*mincho,150))
66     (kanji.grone.day);
67   push_stroke((point 1.5 of get_stroke(-2)),(1.6,1.6));
68   build_kanji.add_ltail(0);
69   expand_pbox;
70 enddef;

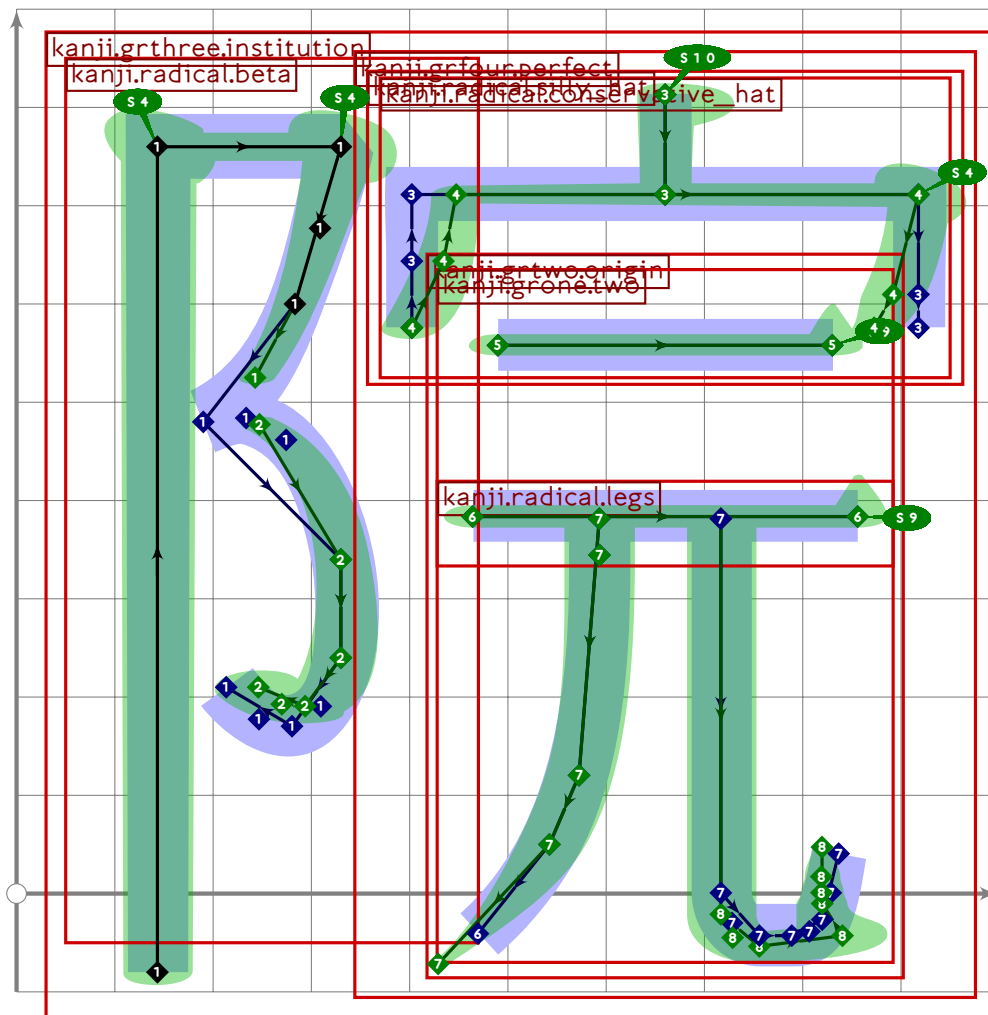
```



```

71
72 vardef kanji.grtwo.snow =
73   push_pbox_toexpand("kanji.grtwo.snow");
74   build_kanji.tb(280,0)
75     (kanji.toprad.rain)
76     (kanji.radical.pigs_head);
77   expand_pbox;
78 enddef;
79
80

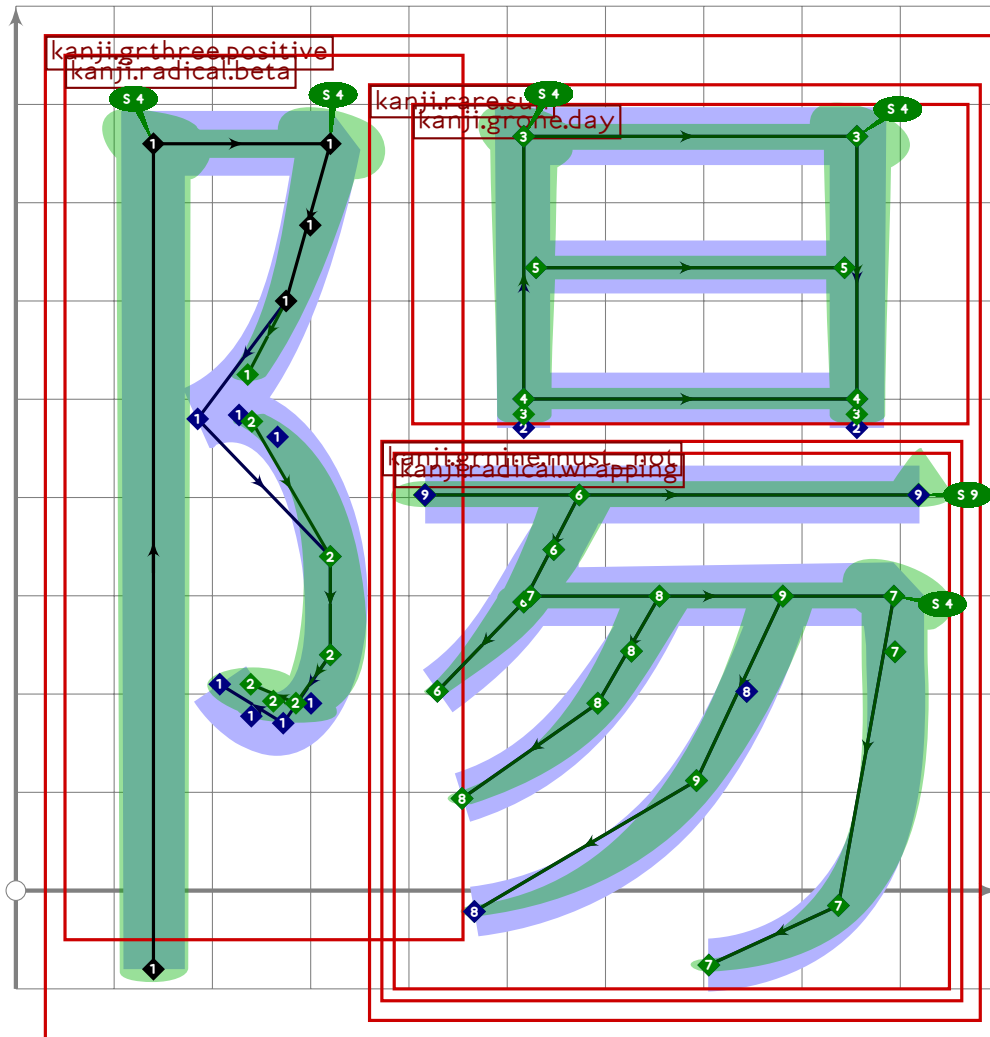
```



```

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

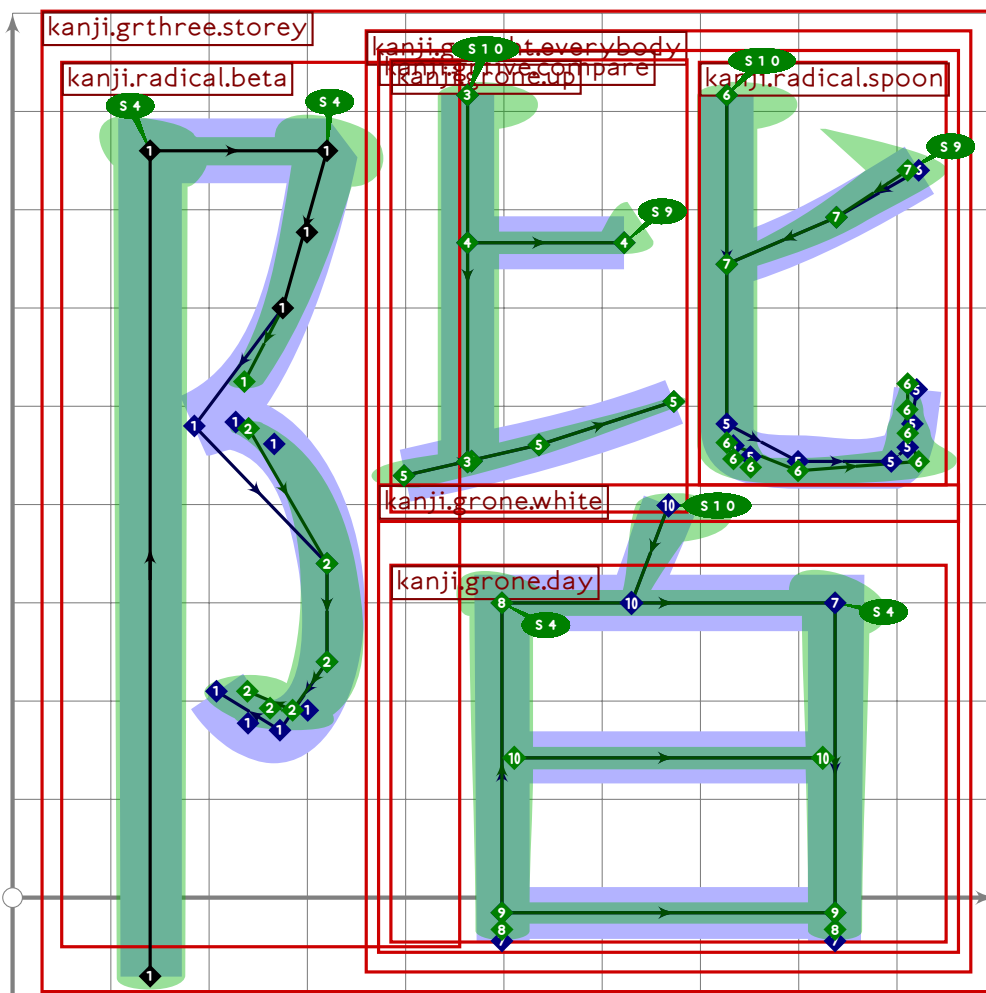
```



```

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

```

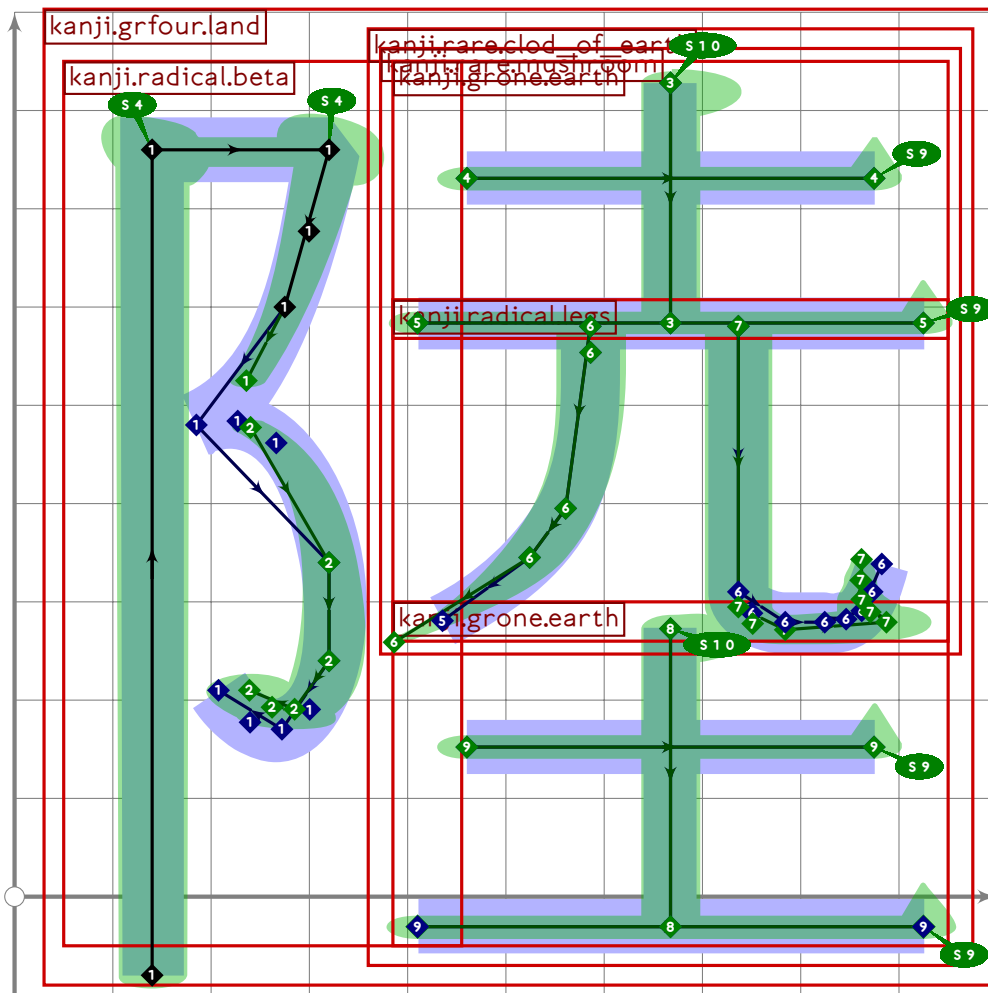


96

```

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

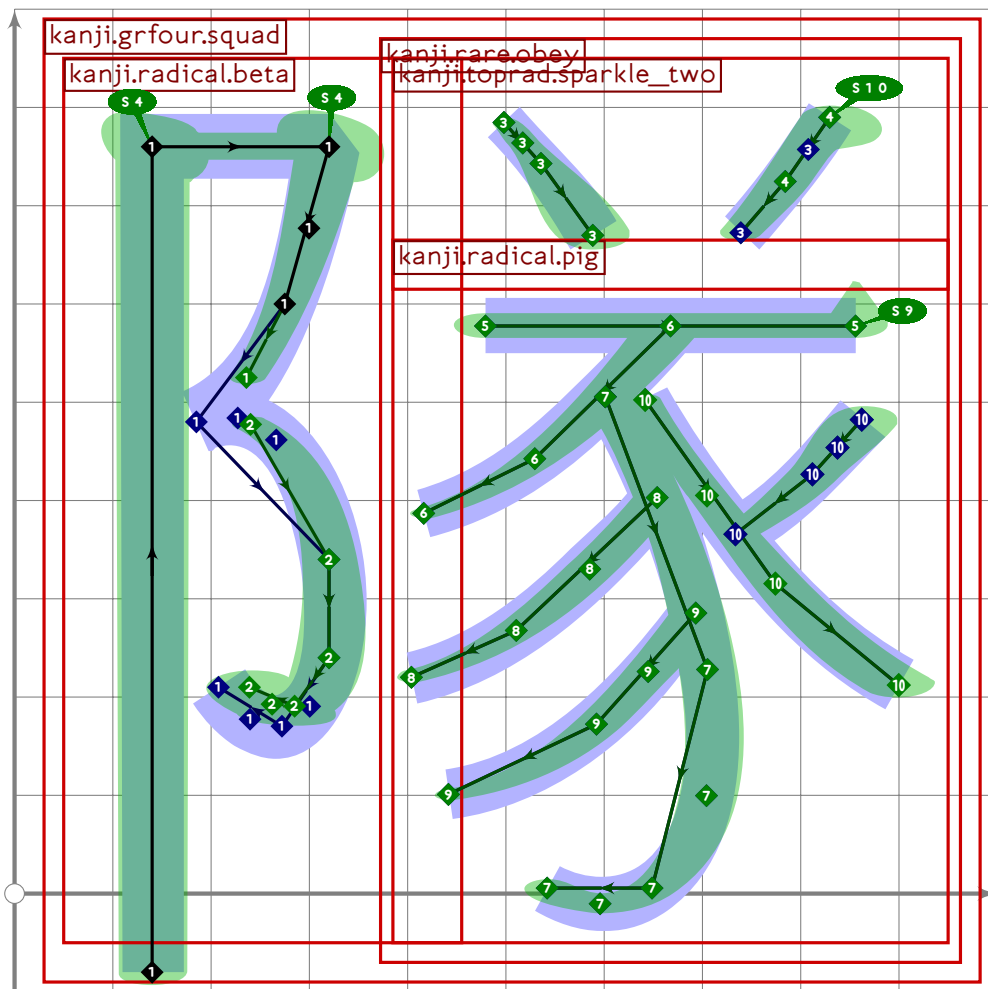
```



```

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

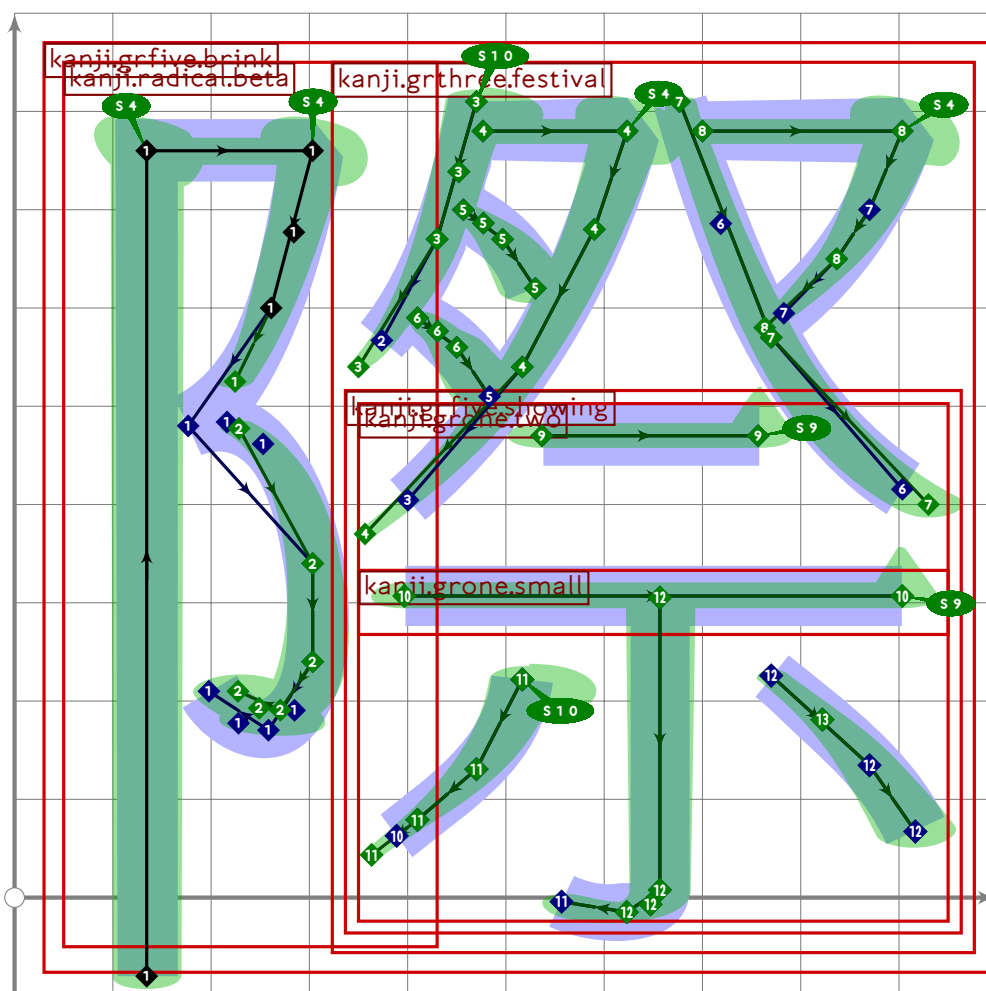
```



```

115
116 vardef kanji.grfour.squad =
117   push_pbox_toexpand("kanji.grfour.squad");
118   build_kanji.lr(420,70)
119     (kanji.radical.beta)
120     (kanji.rare.obey);
121   expand_pbox;
122 enddef;
123
124

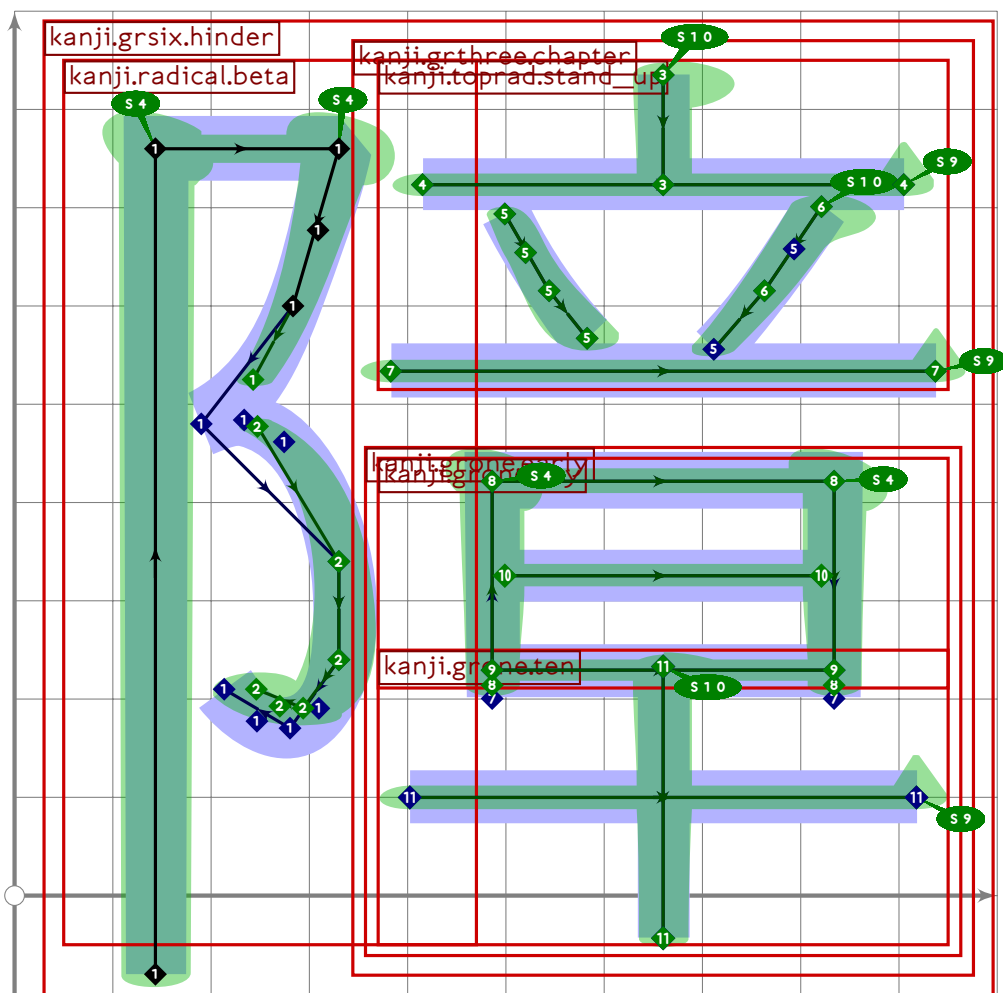
```

```

125
126 vardef kanji.grfive.brink =
127   push_pbox_toexpand("kanji.grfive.brink");
128   build_kanji.lr(390,80)
129   (kanji.radical.beta)
130   (kanji.grthree.festival);
131   expand_pbox;
132 enddef;
133
134

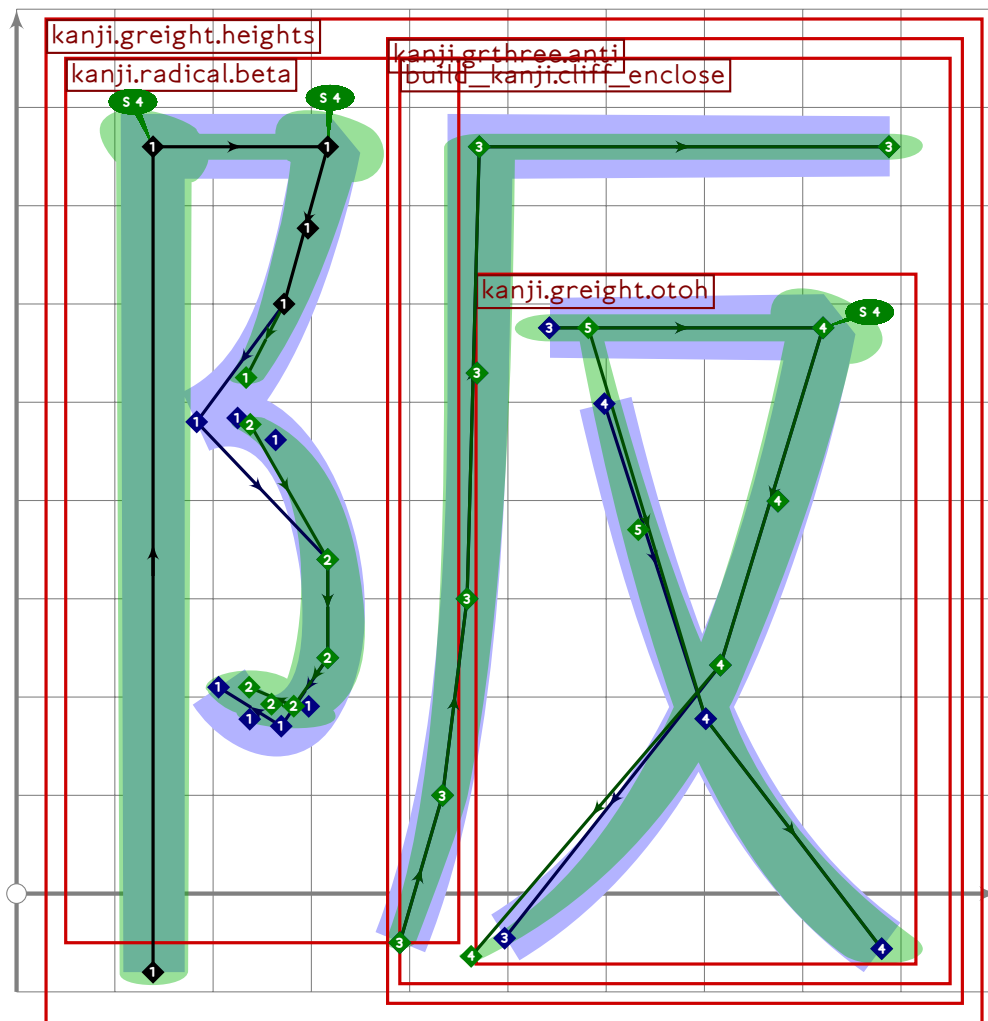
```



```

135
136 vardef kanji.grsix.hinder =
137   push_pbox_toexpand("kanji.grsix.hinder");
138   build_kanji.lr(420,100)
139   (kanji.radical.beta)
140   (kanji.grthree.chapter);
141   expand_pbox;
142 enddef;
143
144

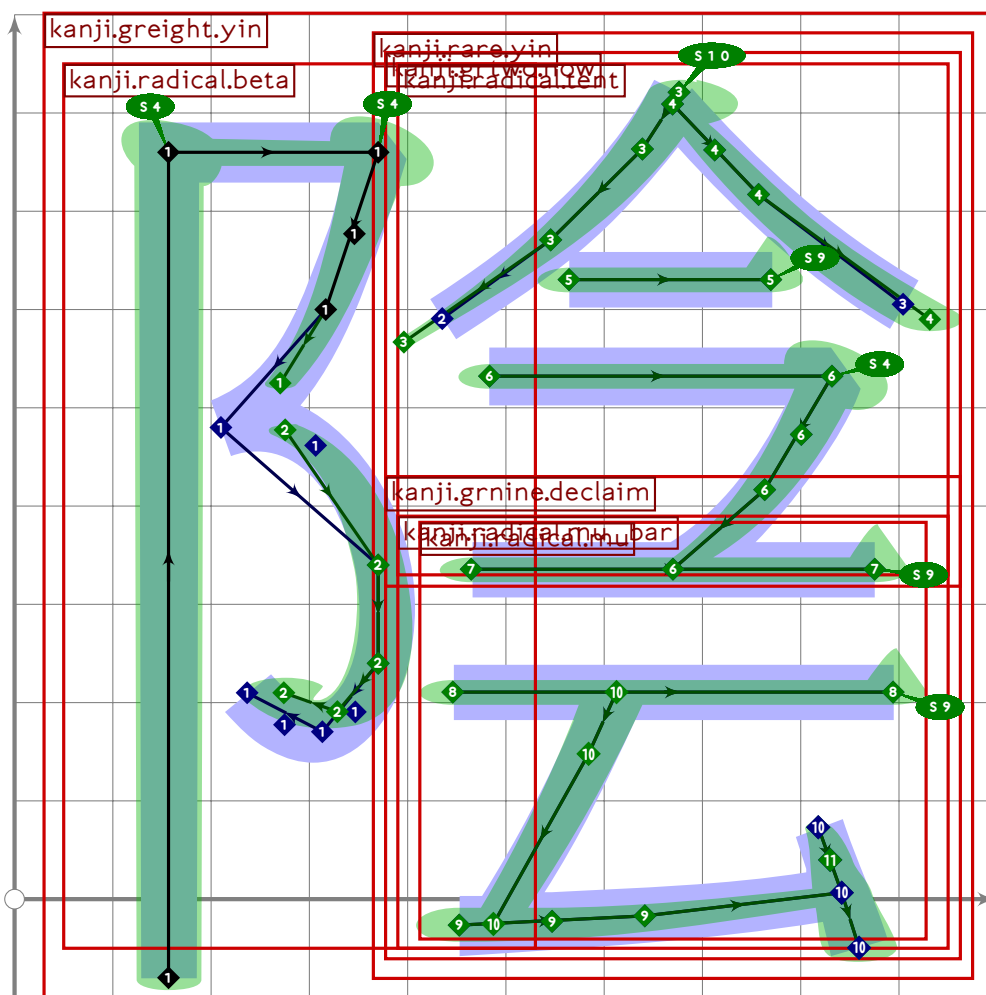
```



```

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

```

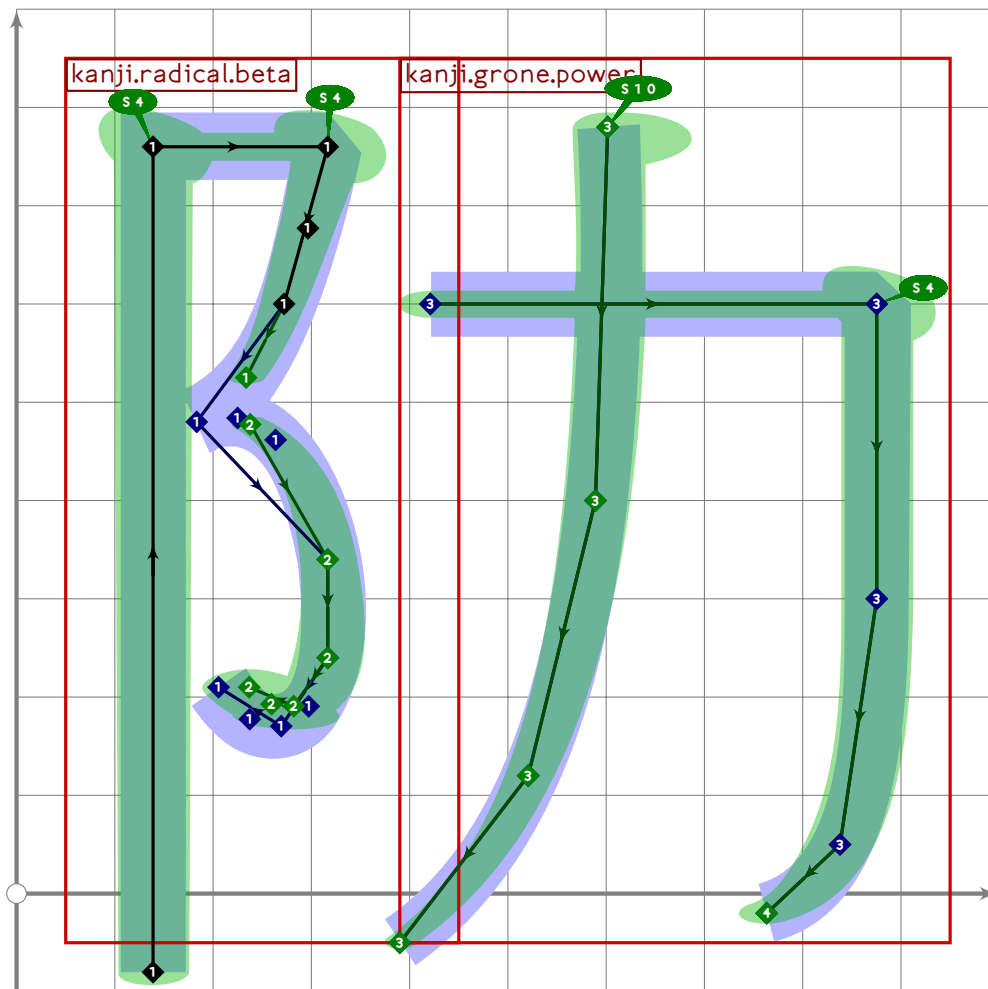


```

153
154 vardef kanji.greight.yin =
155   push_pbox_toexpand("kanji.greight.yin");
156   build_kanji.level(build_kanji.lr(460,140)
157     (kanji.radical.beta)
158     (kanji.rare.yin));
159   expand_pbox;
160 enddef;
161
162
163
164 % kozato "left village" (beta-looking) radical
165 begintsuglyph("uni961D";29);
166 kanji.radical.beta;
167 tsu_render;
168 endtsuglyph;
169

```

[see page 686]

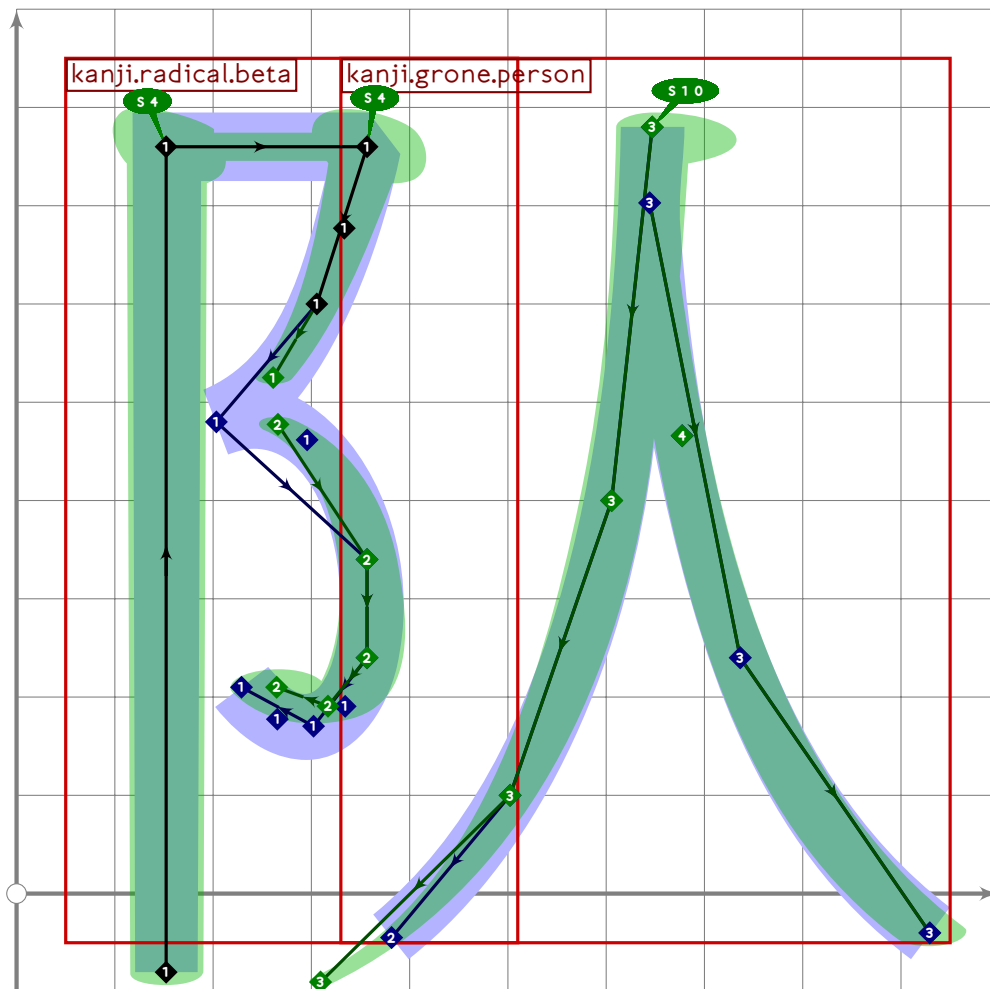


```

170 % extra "vein"
171 begintsuglyph("uni961E",30);
172   build_kanji.level(build_kanji.lr(420,60)
173     (kanji.radical.beta)
174     (kanji.grone.power));
175   tsu_render;
176 endtsuglyph;
177

```

U+961F
tsuku.uni961F

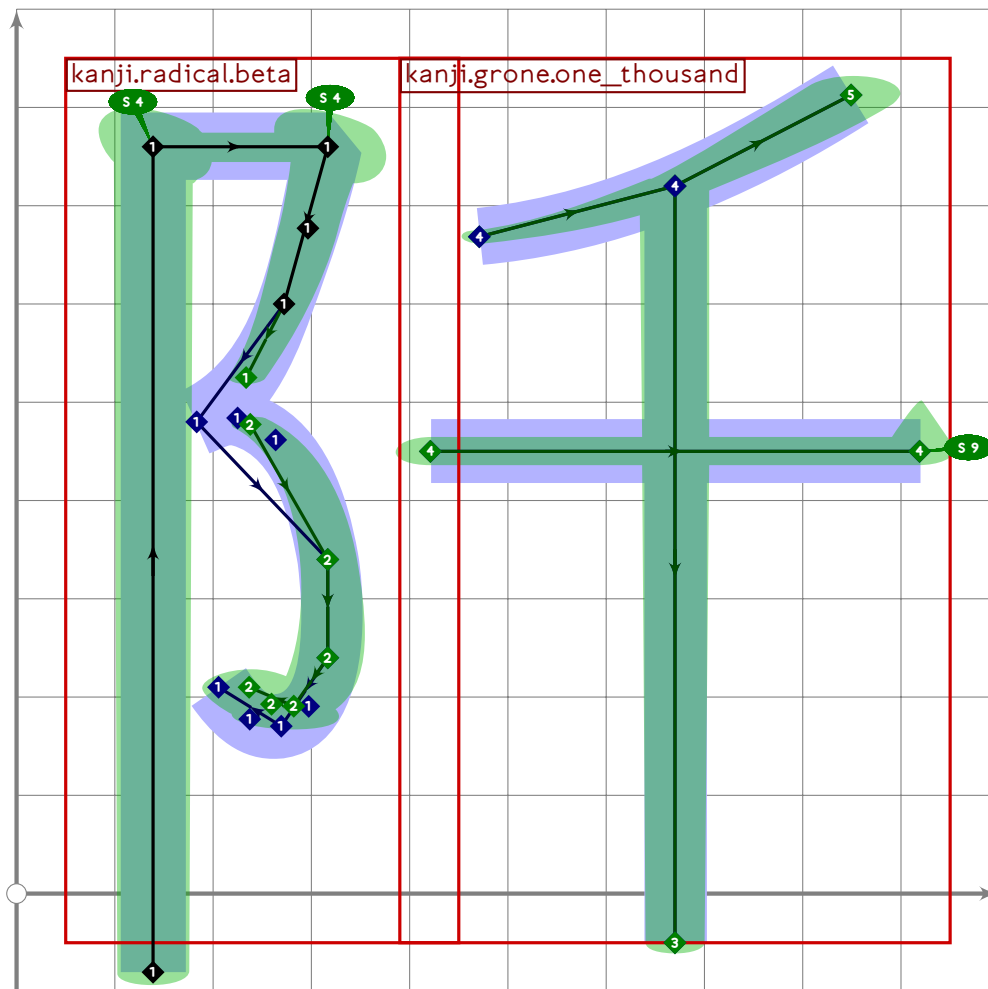


96

```

178 % extra
179 begintsuglyph("uni961F";31);
180   build_kanji.level(build_kanji.lr(420,180)
181     (kanji.radical.beta)
182     (kanji.grone.person));
183   tsu_render;
184 endtsuglyph;
185

```

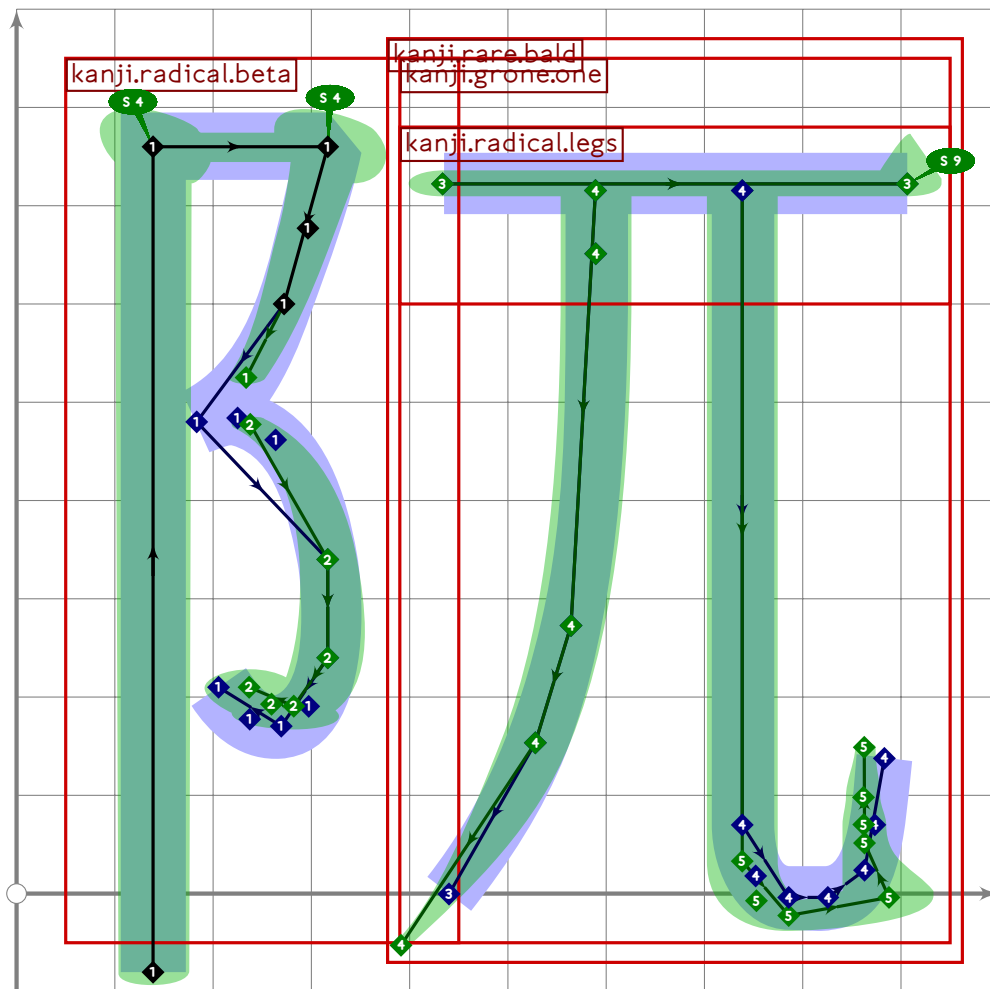


```

186 % extra "thousand"
187 begintsuglyph("uni9621",33);
188   build_kanji.level(build_kanji.lr(420,60)
189     (kanji.radical.beta)
190     (kanji.grone.one_thousand));
191   tsu_render;
192 endtsuglyph;
193

```

U+9622
tsuku.uni9622

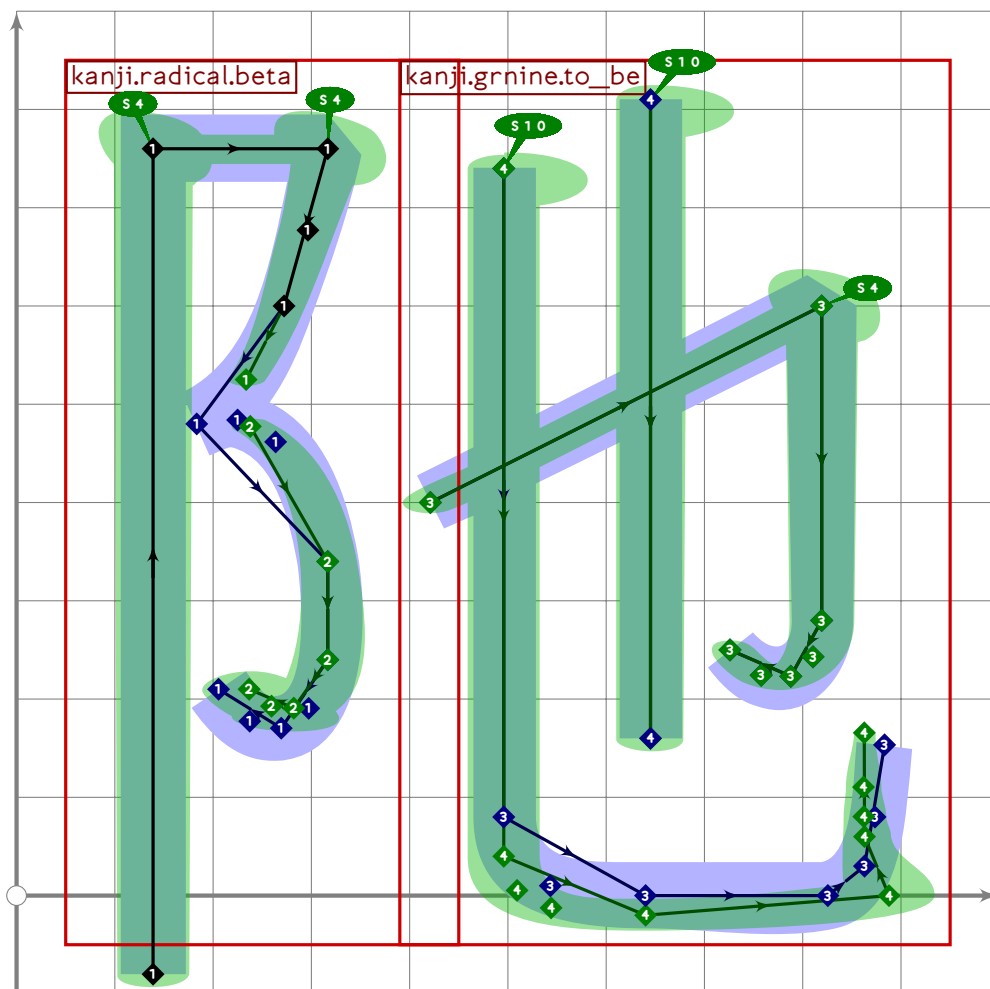


96

```

194 % extra
195 begintsuglyph("uni9622",34);
196   build_kanji.level(build_kanji.lr(420,60)
197     (kanji.radical.beta)
198     (kanji.rare.bald));
199   tsu_render;
200 endtsuglyph;
201

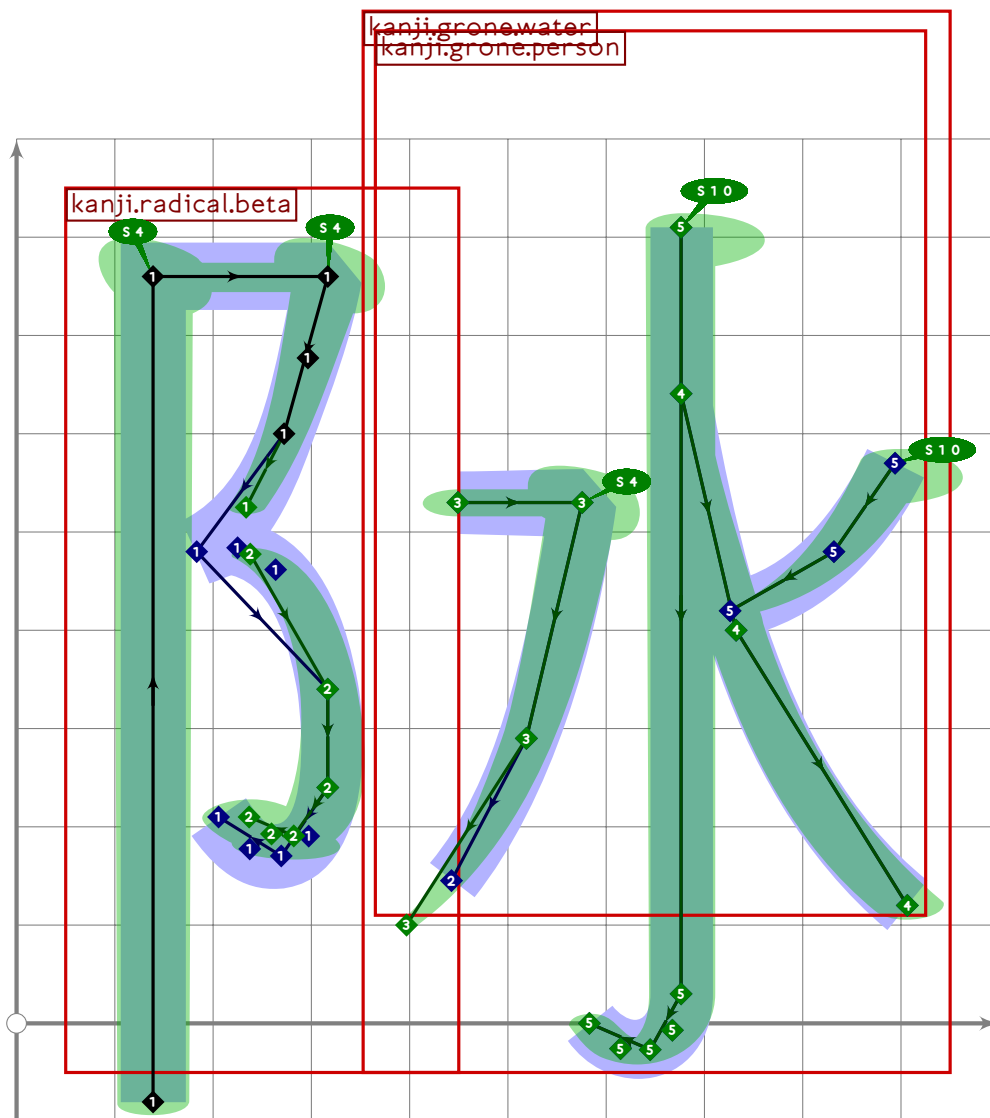
```

```

202 % extra
203 begintsuglyph("uni9624",36);
204   build_kanji.level(build_kanji.lr(420,60)
205     (kanji.radical.beta)
206     (kanji.grnine.to_be));
207   tsu_render;
208 endtsuglyph;
209

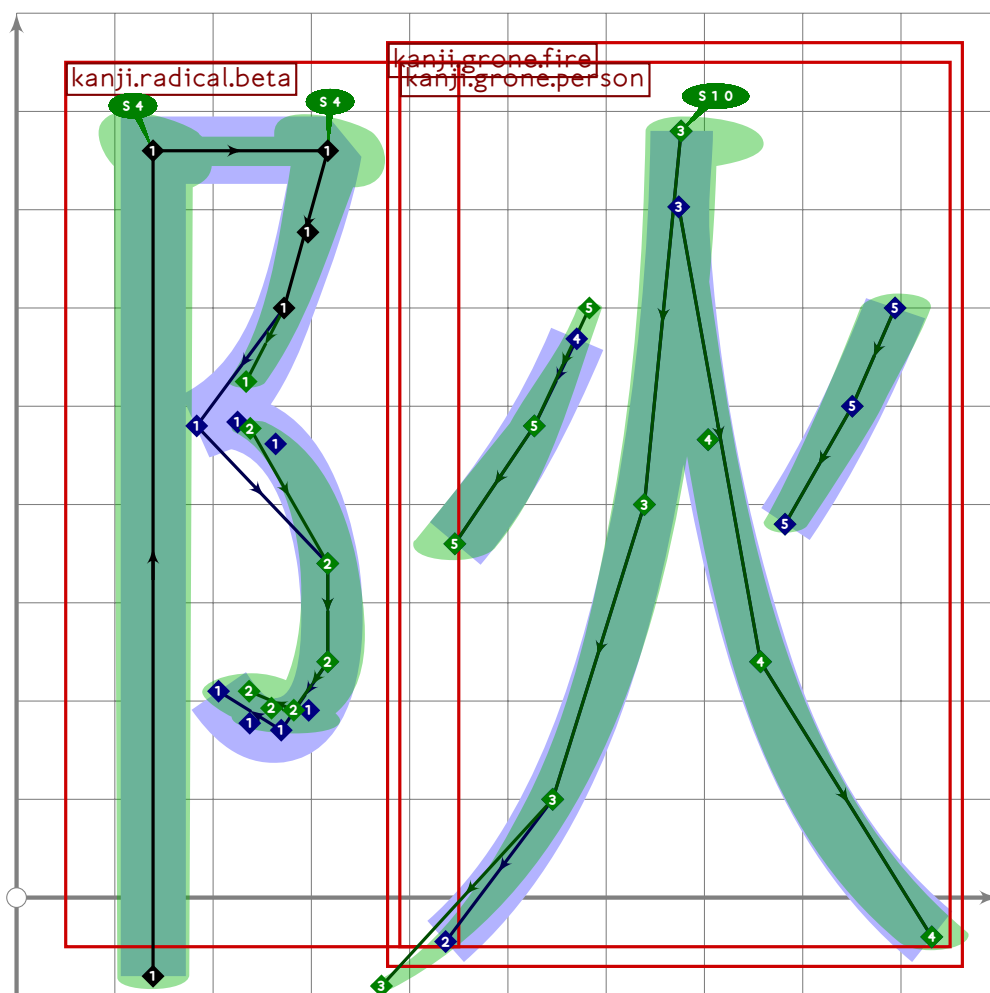
```



```

210 % extra
211 begint Suglyph("uni9625";37);
212   build_kanji.level(build_kanji.lr(420,60)
213     (kanji.radical.beta)
214     (kanji.grone.water));
215   tsu_render;
216 endtsuglyph;
217

```

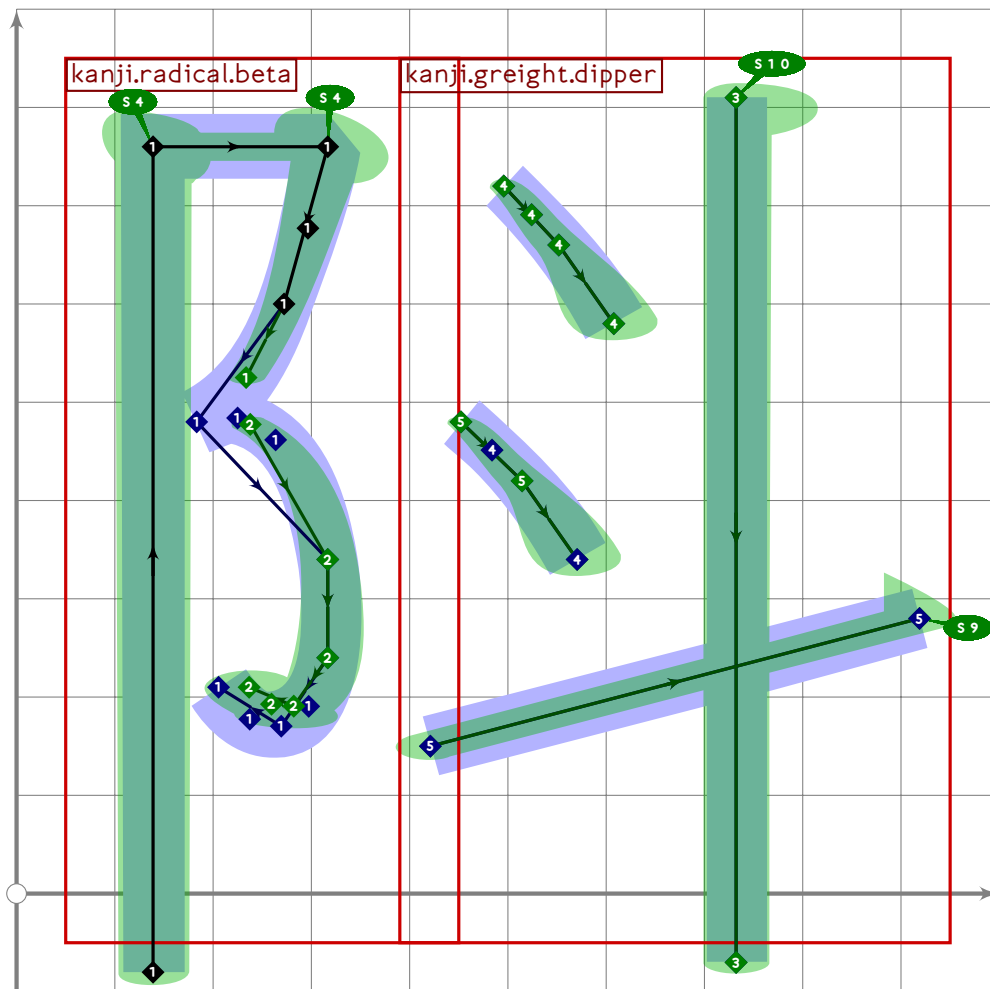


```

218 % extra
219 begintsuglyph("uni9626",38);
220 build_kanji.level(build_kanji.lr(420,60)
221   (kanji.radical.beta)
222   (kanji.grone.fire));
223 tsu_render;
224 endtsuglyph;
225

```

U+9627
tsuku.uni9627



96

```

226 % extra
227 begintsuglyph("uni9627",39);
228   build_kanji.level(build_kanji.lr(420,60)
229     (kanji.radical.beta)
230     (kanji.greight.dipper));
231   tsu_render;
232 endtsuglyph;
233
234 % han/saka "heights"
235 begintsuglyph("uni962A",42);
236   kanji.greight.heights;
237   tsu_render;
238 endtsuglyph;
239
240 % in "institution" (often "house")
241 begintsuglyph("uni9662",98);
242   kanji.grthree.institution;
243   tsu_render;
244 endtsuglyph;
245
246 % in/kage "yin"

```

[see page 2873]

[see page 2866]

247 begintsuglyph("uni9670";112);
248 kanji.greight.yin;
249 tsu_render;
250 endtsuglyph;

[see page 2874]

251
252 % riku/oka "land"
253 begintsuglyph("uni9678";120);
254 kanji.grfour.land;
255 tsu_render;
256 endtsuglyph;

[see page 2869]

257
258 % you/hi "positive"
259 begintsuglyph("uni967D";125);
260 kanji.grthree.positive;
261 tsu_render;
262 endtsuglyph;

[see page 2867]

263
264 % tai "squad"
265 begintsuglyph("uni968A";138);
266 kanji.grfour.squad;
267 tsu_render;
268 endtsuglyph;

[see page 2870]

269
270 % kai/kizahashi "storey"
271 begintsuglyph("uni968E";142);
272 kanji.grthree.storey;
273 tsu_render;
274 endtsuglyph;

[see page 2868]

275
276 % sai/kiwa "brink"
277 begintsuglyph("uni969B";155);
278 kanji.grfive.brink;
279 tsu_render;
280 endtsuglyph;

[see page 2871]

281
282 % shou/sawa "hinder"
283 begintsuglyph("uni969C";156);
284 kanji.grsix.hinder;
285 tsu_render;
286 endtsuglyph;

[see page 2872]

287
288 % sai/tori "old bird" radical
289 begintsuglyph("uni96B9";185);
290 kanji.radical.old_bird;
291 tsu_render;
292 endtsuglyph;

[see page 704]

293
294 % shuu/atsu "collect"

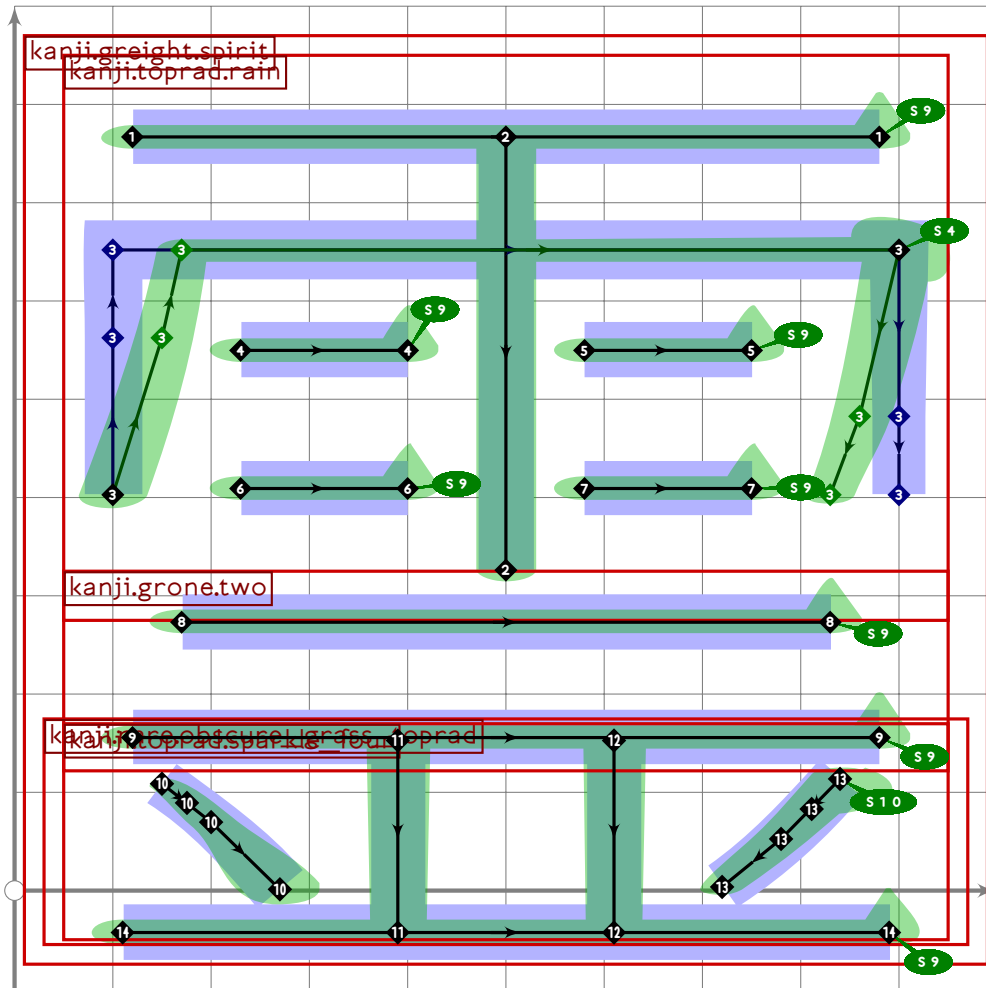
```

295 begintsuglyph("uni96C6";198); [see page 566]
296   kanji.grthree.collect;
297   tsu_render;
298 endtsuglyph;
299
300 % u/ame "rain"
301 begintsuglyph("uni96E8";232); [see page 460]
302   kanji.grone.rain;
303   tsu_render;
304 endtsuglyph;
305
306 % satsu/yuki "snow"
307 begintsuglyph("uni96EA";234); [see page 2865]
308   kanji.grtwo.snow;
309   tsu_render;
310 endtsuglyph;
311
312 % un/kumo "cloud"
313 begintsuglyph("uni96F2";242); [see page 2863]
314   kanji.grtwo.cloud;
315   tsu_render;
316 endtsuglyph;
317
318 % den "electricity"
319 begintsuglyph("uni96FB";251); [see page 2864]
320   kanji.grtwo.electricity;
321   tsu_render;
322 endtsuglyph;
323
324 _____
325
326 endfont;
327
328 _____

```

tsuku-97.mp

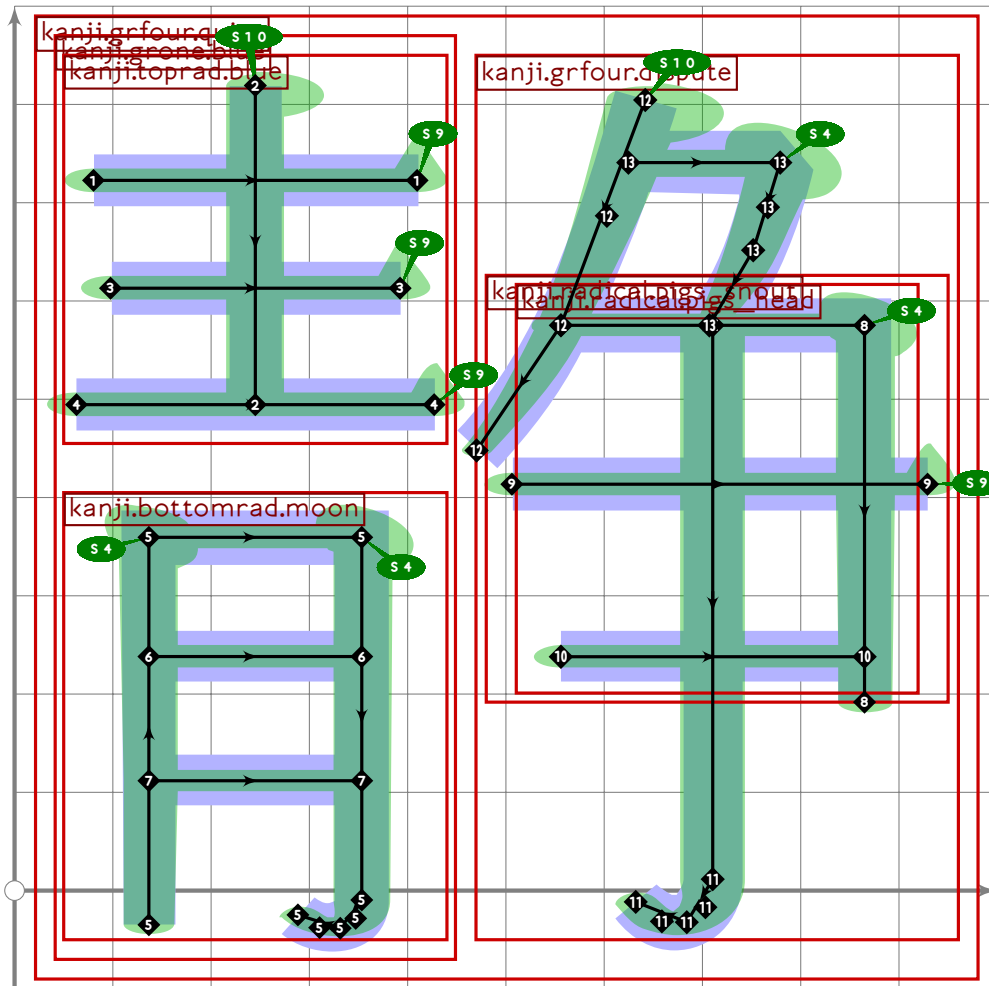
```
1 %
2 % Unicode page 97 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradeone.mp;
41 input gradethree.mp;
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 2886]

[see page 419]

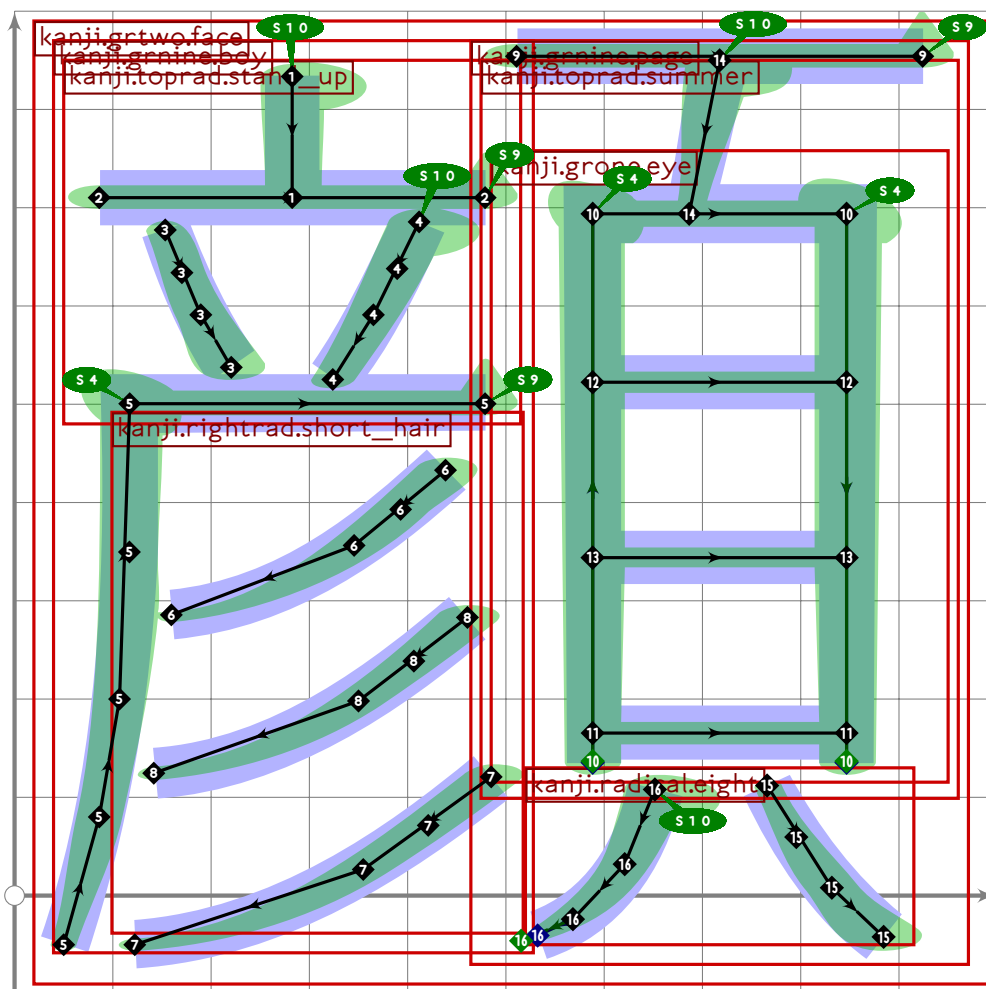
```

84 endtsuglyph;
85
86 % sei/shizu "quiet"
87 begintsuglyph("uni9759";89); [see page 2887]
88   kanji.grfour.quiet;
89   tsu_render;
90 endtsuglyph;
91
92 % hi/ara "mistake"
93 begintsuglyph("uni975E";94); [see page 644]
94   kanji.grfive.mistake;
95   tsu_render;
96 endtsuglyph;
97
98 % men/omo "face"
99 begintsuglyph("uni9762";98); [see page 572]
100   kanji.grthree.face;
101   tsu_render;
102 endtsuglyph;
103
104 % oto/on "noise"
105 begintsuglyph("uni97F3";243); [see page 453]
106   kanji.grone.noise;
107   tsu_render;
108 endtsuglyph;
109
110 _____
111
112 endfont;
113
114 _____

```

tsuku-98.mp

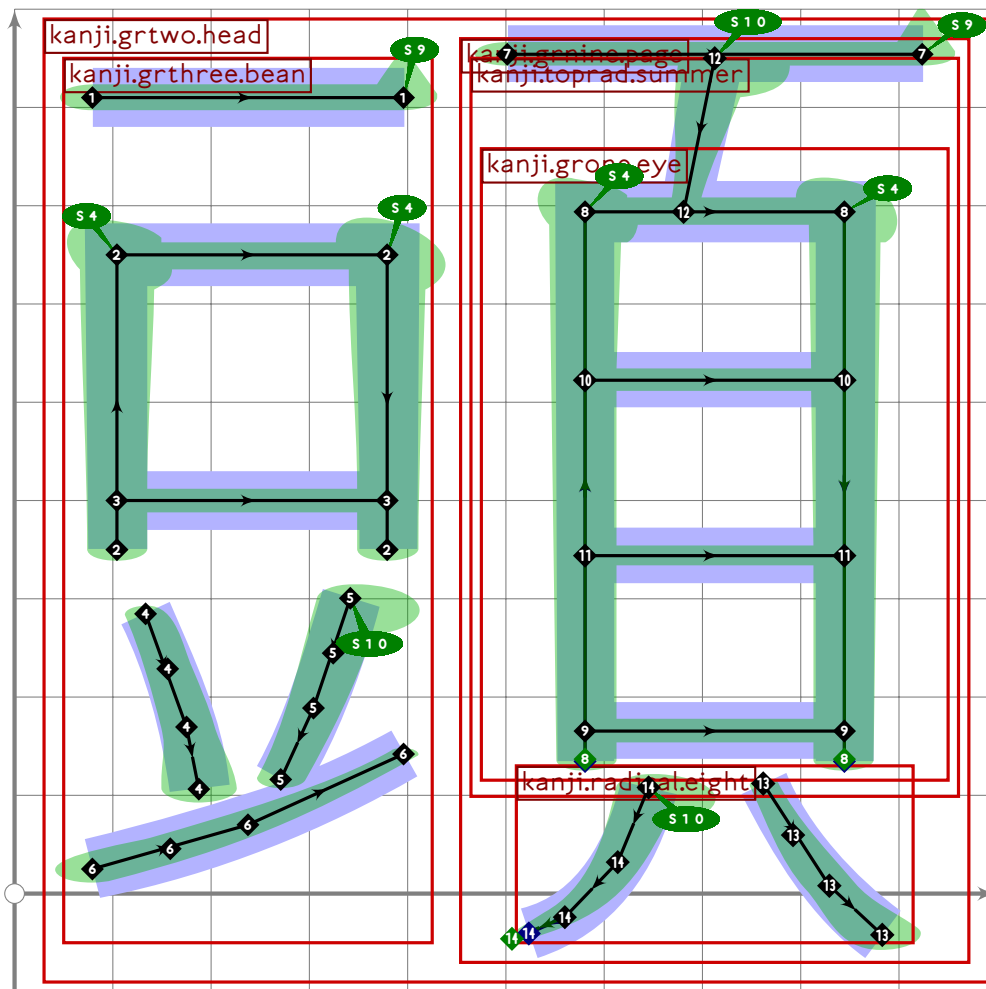
```
1 %
2 % Unicode page 98 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input leftrad.mp;
45 input radical.mp;
46 input rightrad.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51
```



```

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

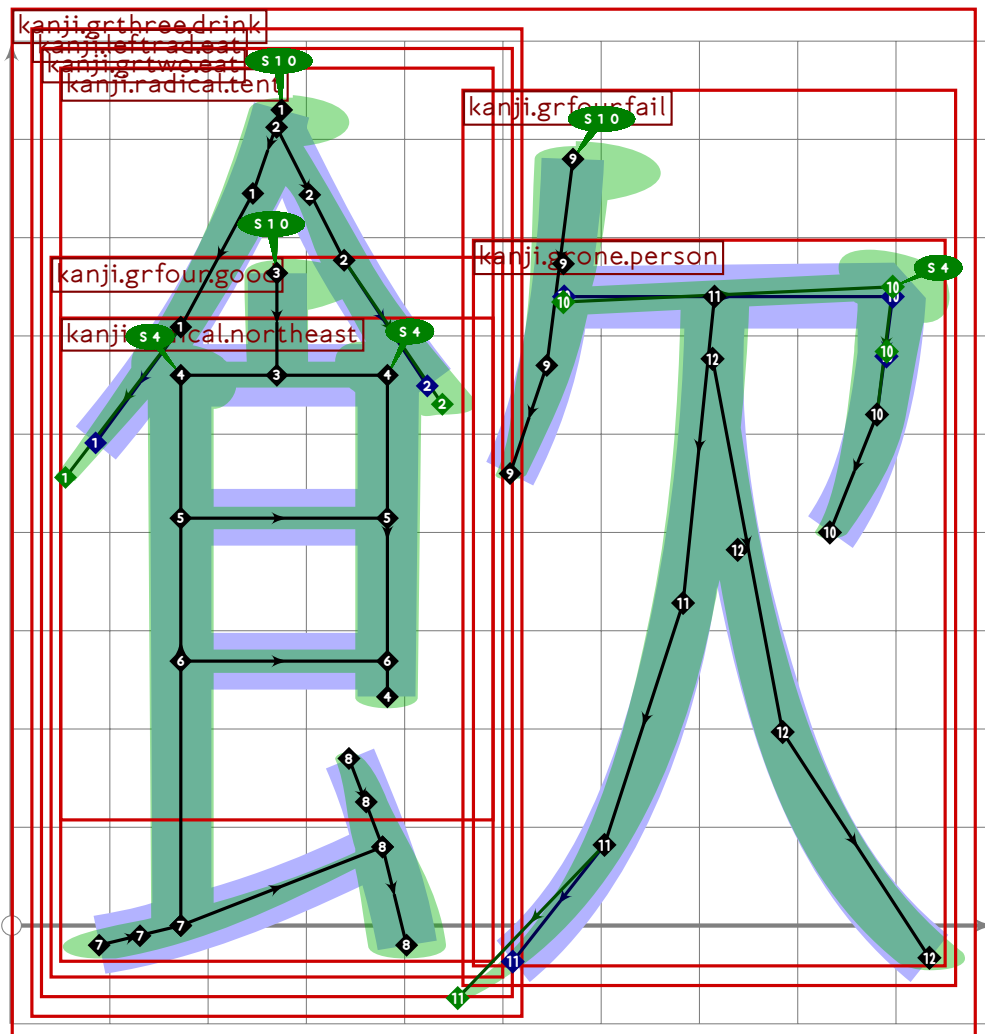
```



```

60
61 vardef kanji.grtwo.head =
62   push_pbox_toexpand("kanji.grtwo.head");
63   build_kanji.lr(450,-50)
64   (build_kanji.lift_skirt(320,150)(kanji.grthree.bean))
65   (kanji.grnine.page);
66   expand_pbox;
67 enddef;
68
69

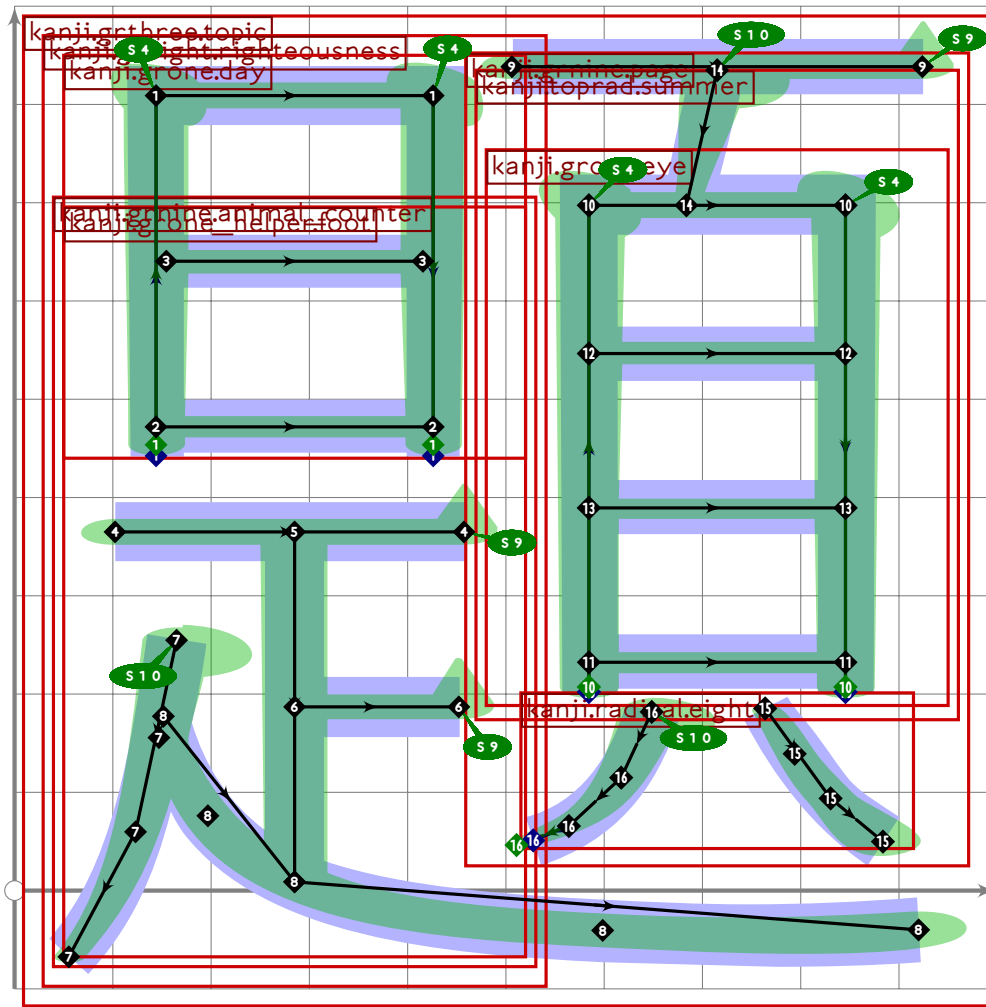
```



```

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

```

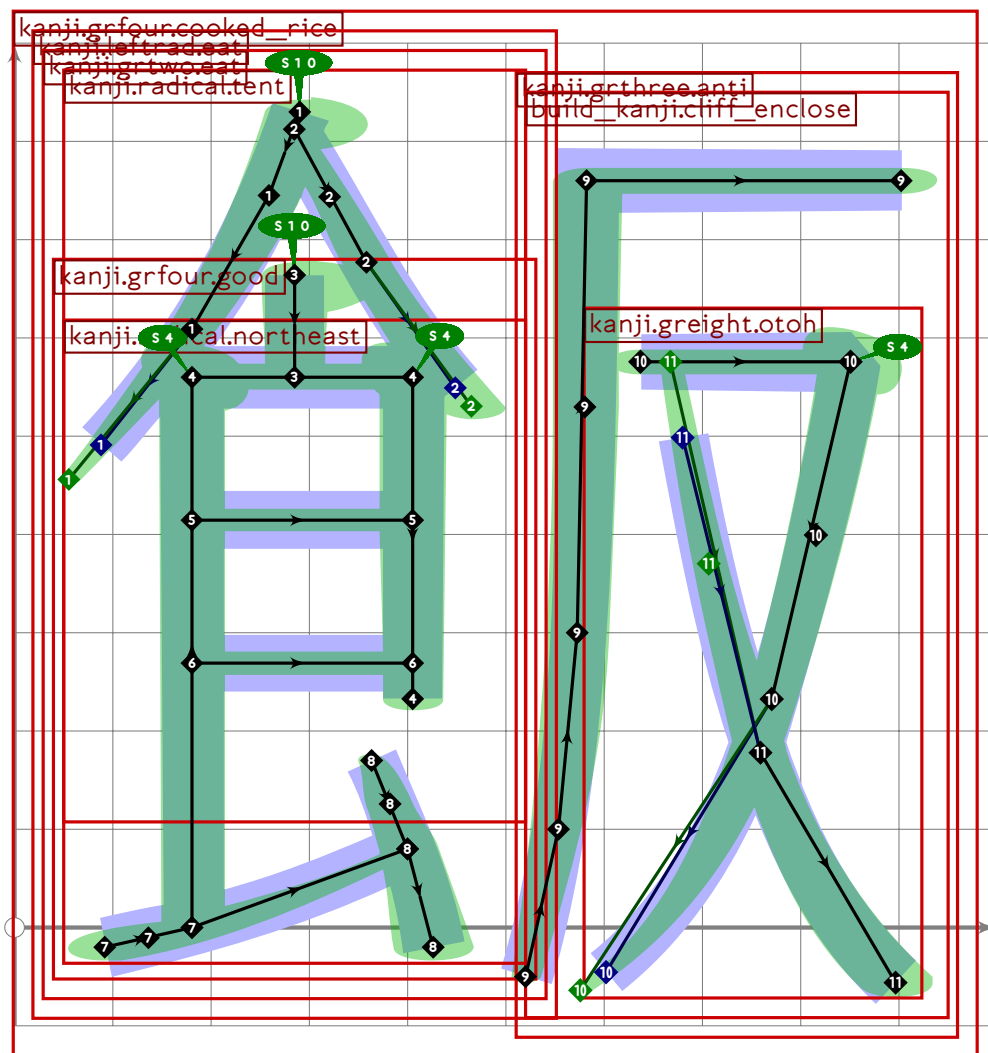


```

78
79 vardef kanji.grthree.topic =
80   push_pbox_toexpand("kanji.grthree.topic");
81   build_kanji.lr(500,40)
82   (kanji.greight.righteousness)
83   (build_kanji.sscale(yscaled 0.88 shifted (0,40))
84     (kanji.grnine.page));
85   replace_stroke(-8)((point 0 of oldp)..(point 1 of oldp)..
86     tension 1.5..{curl 0.2}(920,-40));
87   expand_pbox;
88 enddef;
89
90

```

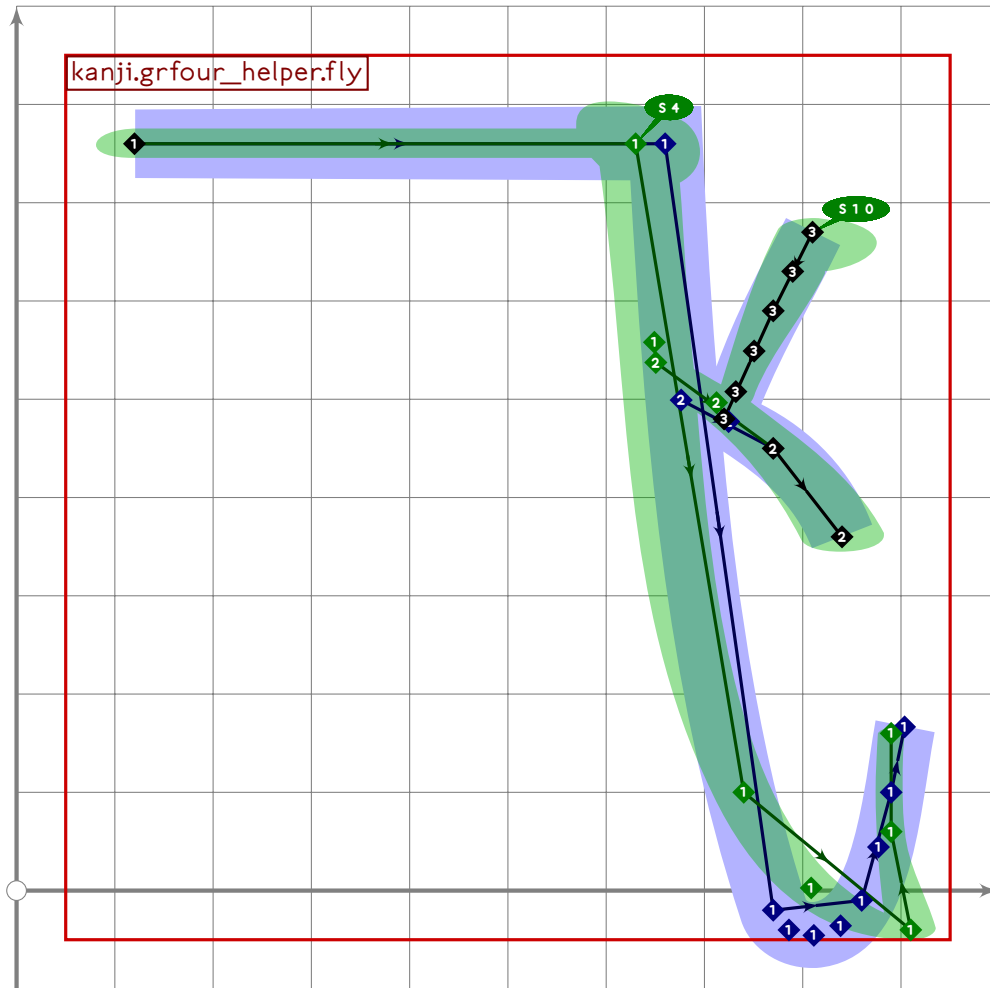
U+98EF
tsuku.uni98EF



```

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

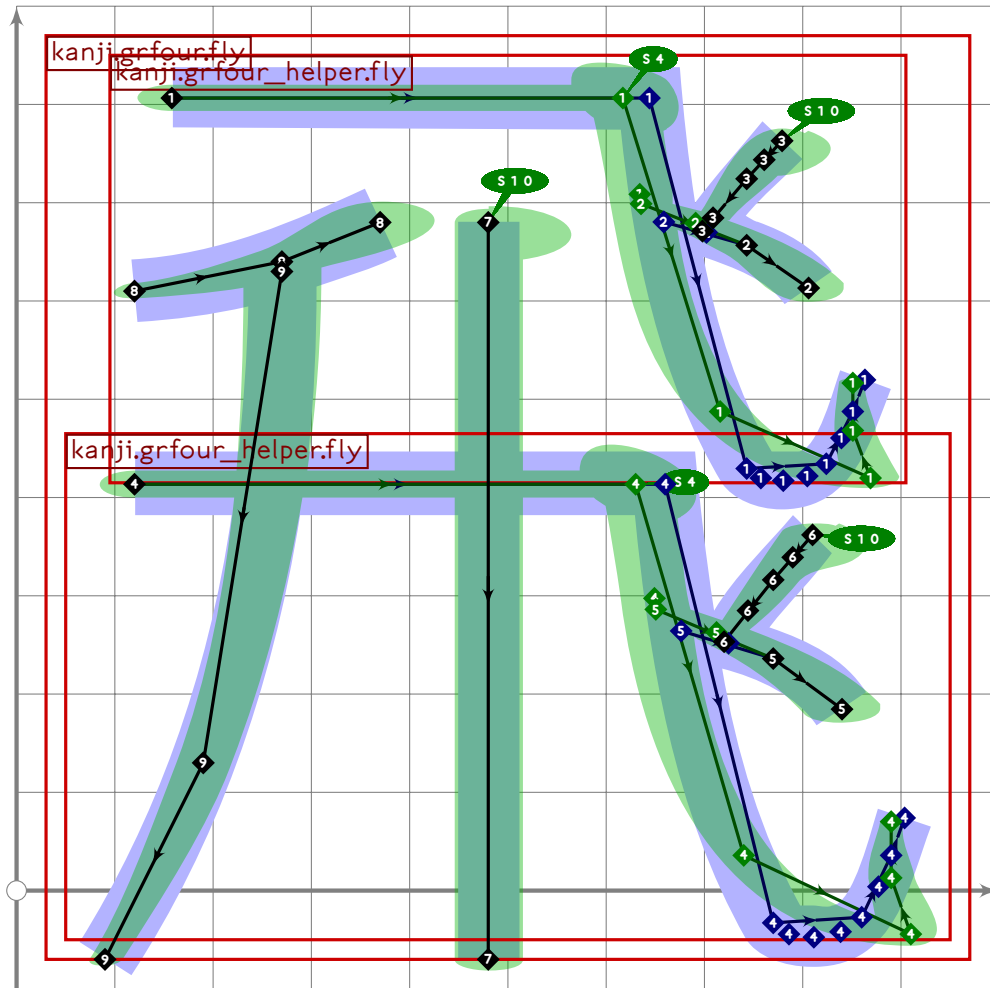
```

```

99
100 vardef kanji.grfour_helper.fly =
101   push_pbox_toexpand("kanji.grfour_helper.fly");
102   push_stroke((120,760)-interpath(mincho,
103     (660,760){dir -87}{dir -72}(770,20)..(860,10)..tension 1.5..
104     (890,100)..(910,200),
105     (630,760){dir -82}..(740,100)..{right}(910,-40){curl 1}..
106     (890,60)..(890,160)),
107     (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.4,1.4)-(1.2,1.2)-(0.9,0.9));
108   set_botip(0,1,1);
109   set_boserif(0,1,4);
110   push_stroke((point 1.33 of get_stroke(0))
111     ..tension 1.2..(770,450)..(840,360),
112     (1.2,1.2)-(1.6,1.6)-(1.8,1.8));
113   set_bosize(0,90);
114   push_stroke((810,670)..tension 1.2..(770,590)..(720,480),
115     (1.6,1.6)-(1.4,1.4)-(1,1));
116   set_bosize(0,90);
117   set_boserif(0,0,10);
118   expand_pbox;
119 enddef;

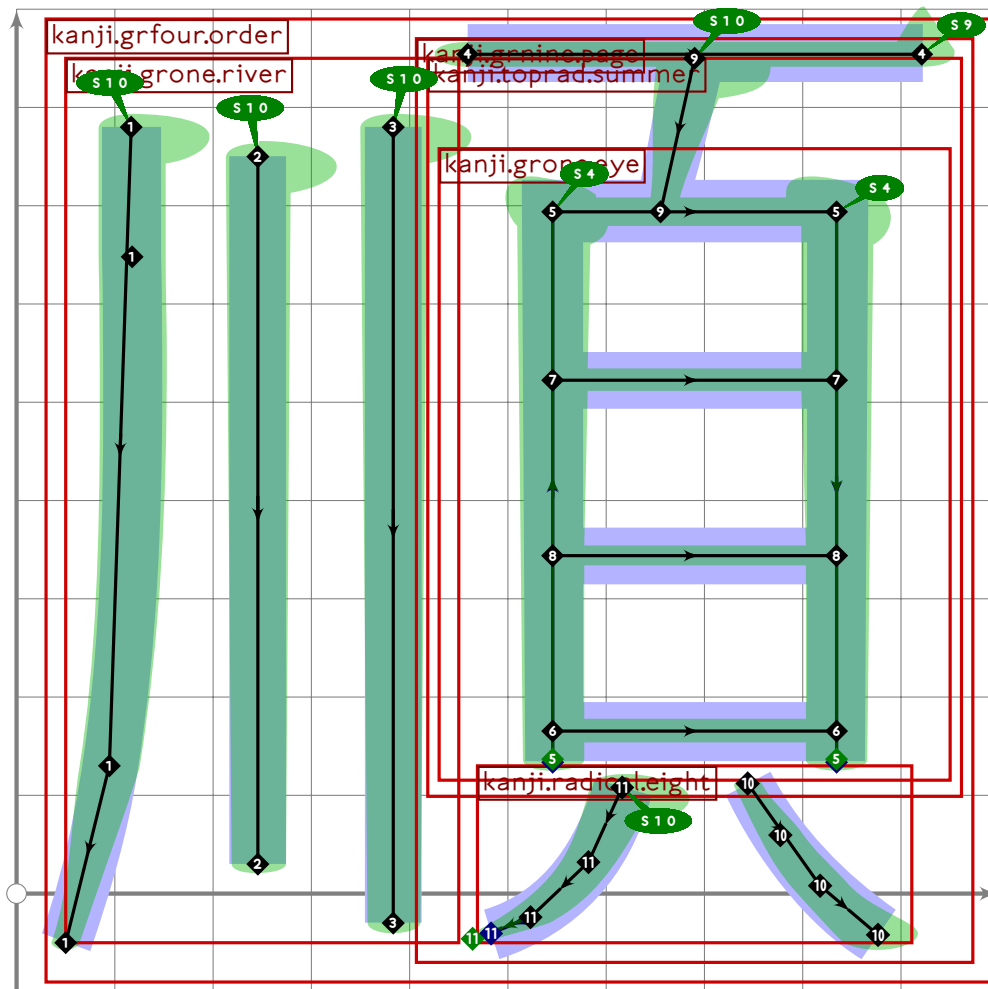
```



```

120
121 vardef kanji.grfour.fly =
122   push_pbox__toexpand("kanji.grfour.fly");
123   build_kanji.tb(440,50)
124     (build_kanji.sscale(xscaled 0.9)(kanji.grfour_helper.fly))
125     (kanji.grfour_helper.fly);
126   push_stroke((480,680)-(480,-70),(1.6,1.6)-(1.5,1.5));
127   set_boserif(0,0,10);
128   set_bosize(0,90);
129   push_stroke((120,610)..(270,640)..tension 1.1..(370,680),
130     (1.1,1.1)-(1.6,1.6)-(2.0,2.0));
131   push_stroke((270,630){down}..(190,130)..(90,-70),
132     (1.6,1.6)-(1.3,1.3)-(1,1));
133   expand_pbox;
134 enddef;

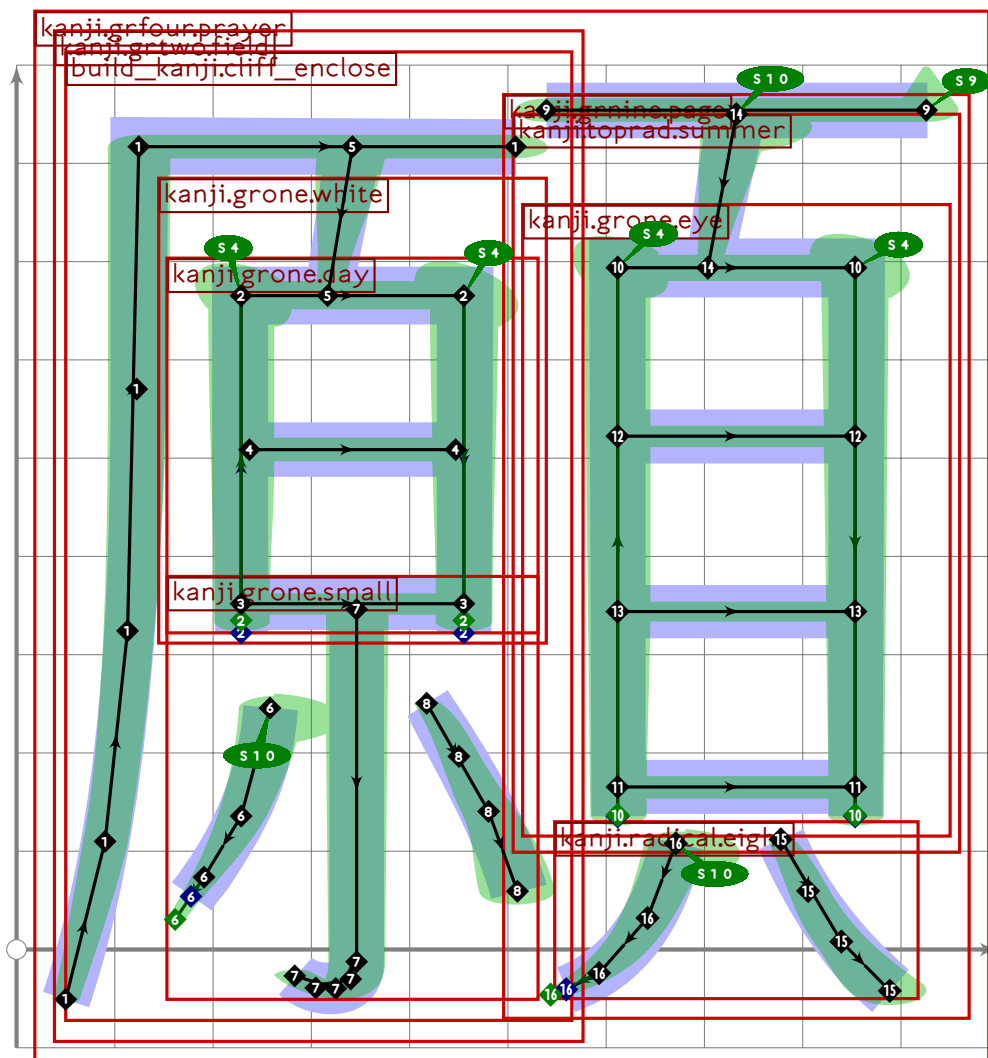
```



```

135
136 vardef kanji.grfour.order =
137   push_pbox_toexpand("kanji.grfour.order");
138   build_kanji.level(build_kanji.lr(440,20)
139     (kanji.grone.river)
140     (kanji.grnine.page));
141   expand_pbox;
142 enddef;

```



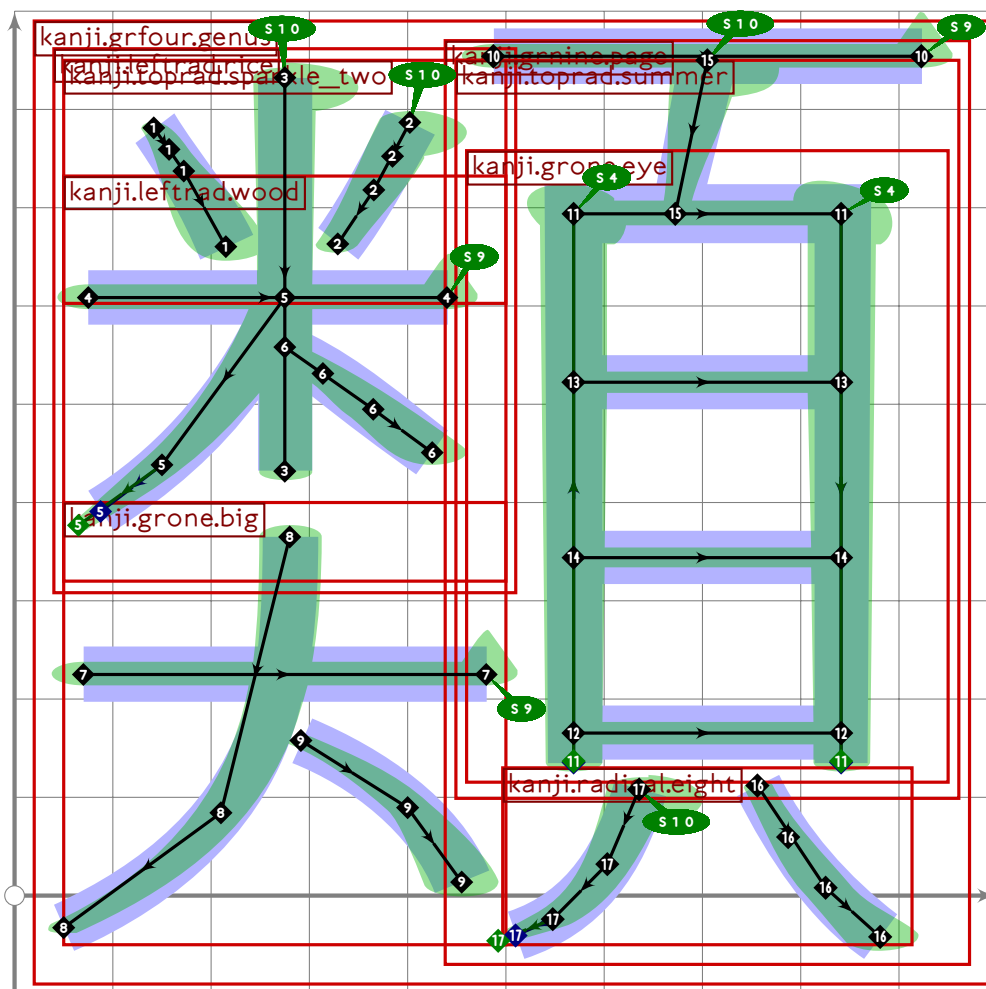
```

143
144 vardef kanji.grfour.prayer =
145   push_pbox_toexpand("kanji.grfour.prayer");
146   build_kanji.level(build_kanji.lr(540,50)
147     (tsu_xform(identity shifted (0,40) yscaled (857/800) shifted (0,-40))
148       (kanji.grtwo.field))
149     (kanji.grnine.page));
150   expand_pbox;
151 enddef;
152
153
154
155 % ketsu/peeji "page"
156 begint Suglyph("uni9801",1);
157   kanji.grnine.page;
158   tsu_render;
159 endtsuglyph;
160
161 % shun/aya "order"

```

[see page 796]

162	begintsuglyph("uni9806",6);	[see page 2897]
163	kanji.grfour.order;	
164	tsu_render;	
165	endtsuglyph;	
166		
167	% tou/atama "head"	
168	begintsuglyph("uni982D",45);	[see page 2891]
169	kanji.grtwo.head;	
170	tsu_render;	
171	endtsuglyph;	
172		
173	% dai "topic"	
174	begintsuglyph("uni984C",76);	[see page 2893]
175	kanji.grthree.topic;	
176	tsu_render;	
177	endtsuglyph;	
178		
179	% gen/kao "face"	
180	begintsuglyph("uni9854",84);	[see page 2890]
181	kanji.grtwo.face;	
182	tsu_render;	
183	endtsuglyph;	
184		
185	% gan/nega "prayer" (as in onegai, "please," literally "I pray you")	
186	begintsuglyph("uni9858",88);	[see page 2898]
187	kanji.grfour.prayer;	
188	tsu_render;	
189	endtsuglyph;	
190		



```

191 % rui/tagu "genus"
192 begintsuglyph("uni985E";94);
193   kanji.grfour.genus;
194   tsu_render;
195 endtsuglyph;
196
197 % fuu/kaze "wind"
198 begintsuglyph("uni98A8";168);
199   kanji.grtwo.wind;
200   tsu_render;
201 endtsuglyph;
202
203 % hi/to "fly"
204 begintsuglyph("uni98DB";219);
205   kanji.grfour.fly;
206   tsu_render;
207 endtsuglyph;
208
209 % helper for "fly"
210 begintsuglyph("uni98DE";222);
211   kanji.grfour_helper.fly;

```

[see page 554]

[see page 2896]

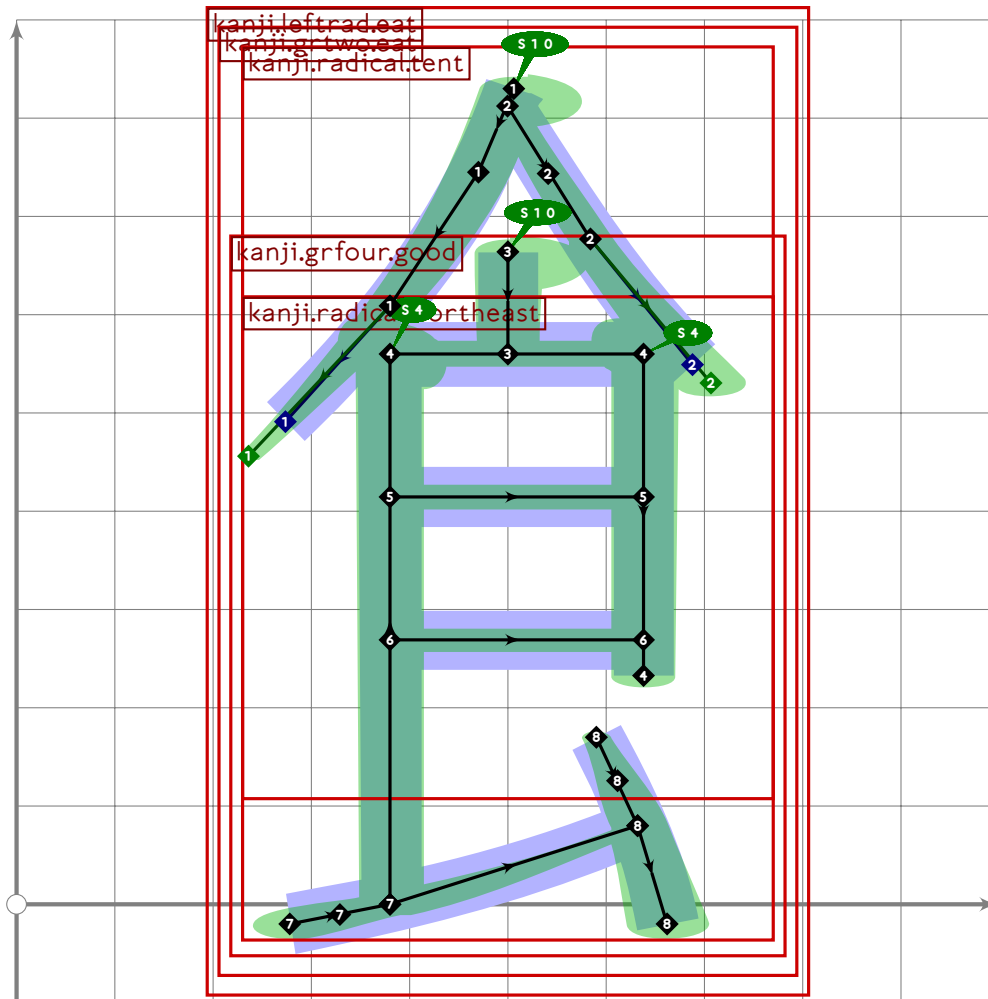
[see page 2895]

```

212 tsu_render;
213 endtsuglyph;
214
215 % shoku/ta "eat"
216 begintsuglyph("uni98DF";223);
217   kanji.grtwo.eat;
218   tsu_render;
219 endtsuglyph;
220

```

[see page 497]



```

221 % simplified "eat" for use as radical
222 begintsuglyph("uni98E0";224);
223   build_kanji.sscale(xscaled 0.6)(kanji.leftrad.eat);
224   tsu_render;
225 endtsuglyph;
226
227 % han/meshi "cooked rice"
228 begintsuglyph("uni98EF";239);
229   kanji.grfour.cooked_rice;
230   tsu_render;
231 endtsuglyph;
232

```

[see page 2894]

```
233 % in/no "drink"  
234 begintsuglyph("uni98F2";242); [see page 2892]  
235   kanji.grthree.drink;  
236   tsu_render;  
237 endtsuglyph;  
238  
239 _____  
240  
241 endfont;  
242  
243 _____
```


tsuku-99.mp

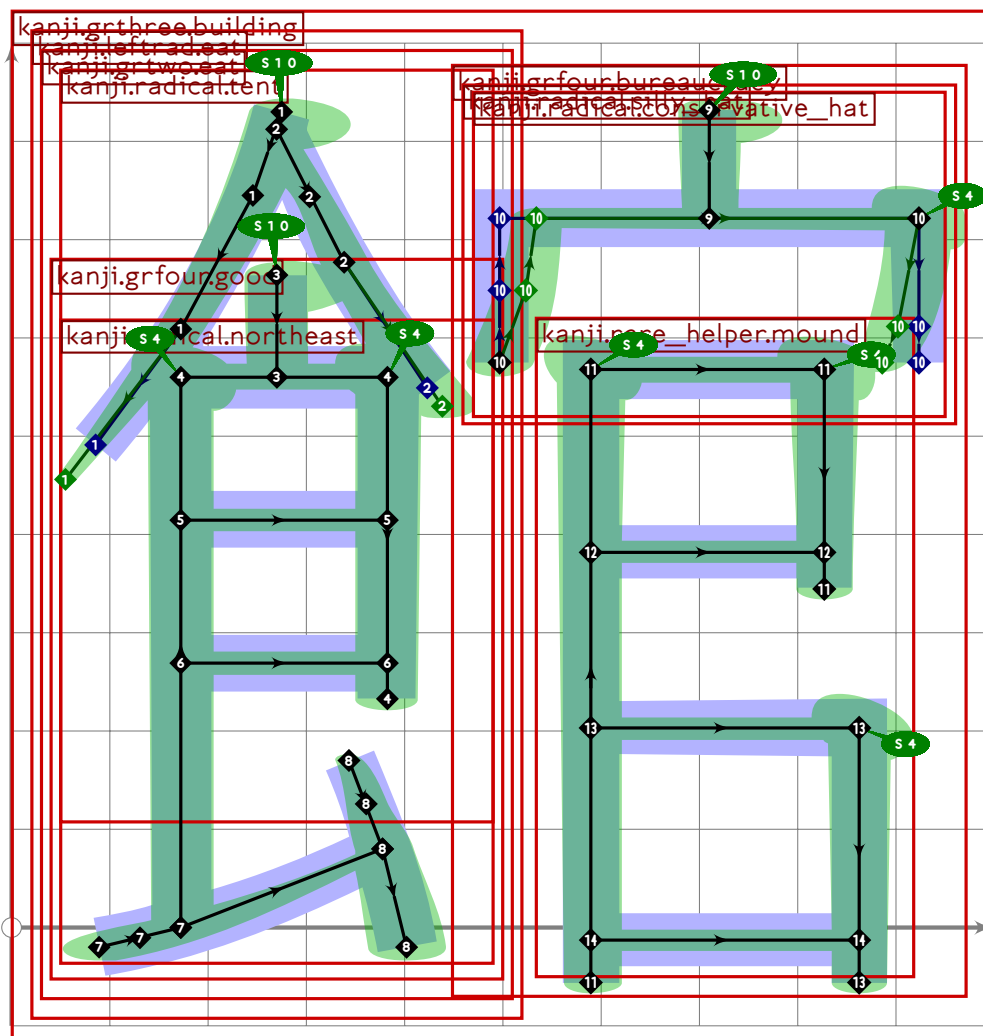
```
1 %
2 % Unicode page 99 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

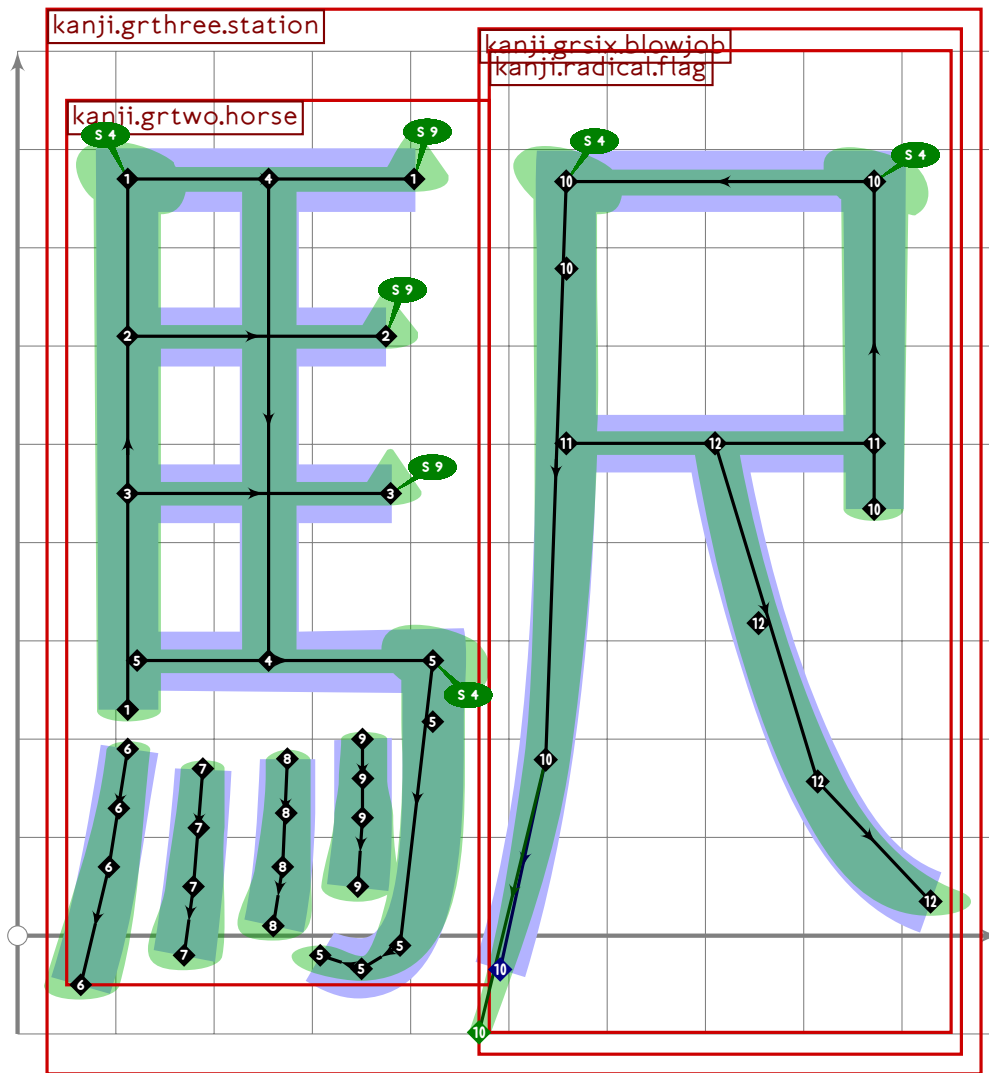

```



```

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

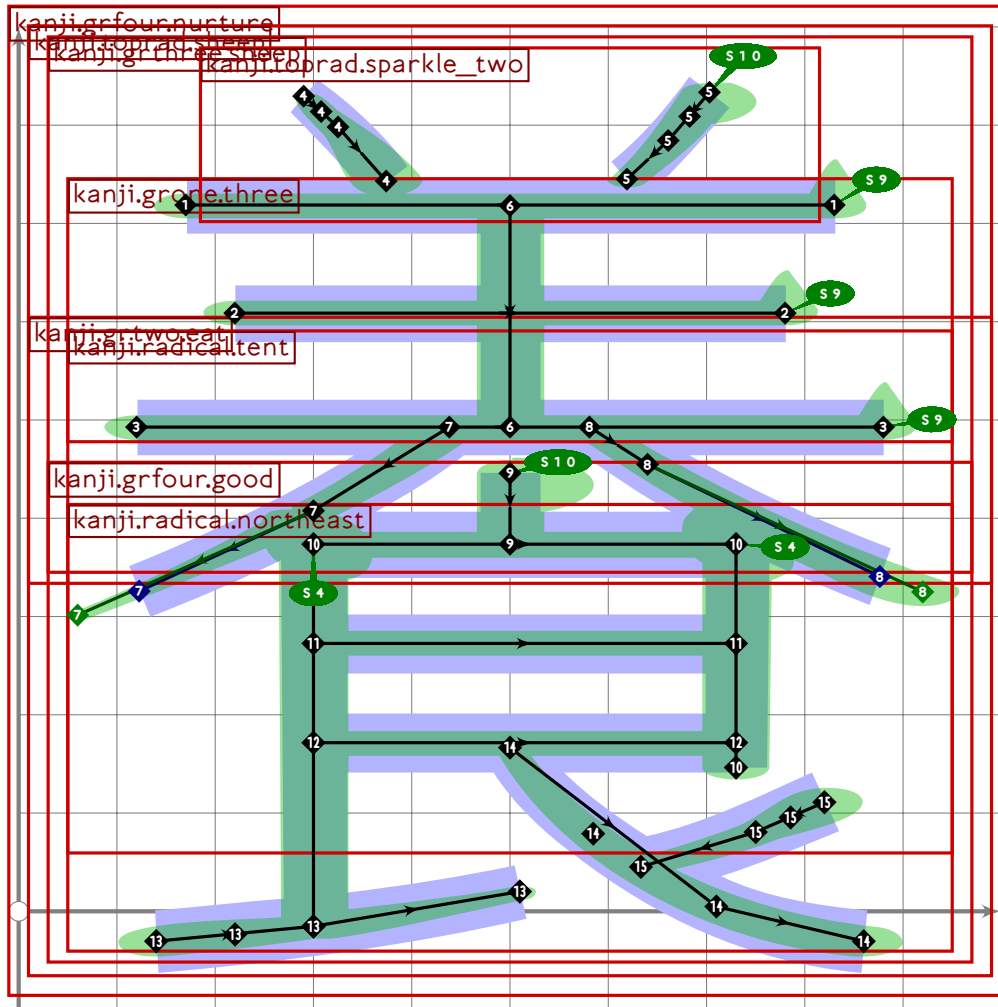
```



```

58
59 vardef kanji.grthree.station =
60   push_pbox_toexpand("kanji.grthree.station");
61   build_kanji.lr(480,0)
62     (kanji.grtwo.horse)
63     (build_kanji.sscale(yscaled 1.11)
64       (kanji.grsix.blowjob));
65   expand_pbox;
66 enddef;
67
68

```



```

69
70 vardef kanji.grfour.nurture =
71   push_pbox_toexpand("kanji.grfour.nurture");
72   build_kanji.tb(460,230)
73     (kanji.toprad.sheep)
74     (kanji.grtwo.eat);
75   replace_strokeq(-8)(subpath (xpart (get_strokeq(-8) intersectiontimes
76     get_strokeq(-12)),infinity) of oldq);
77   replace_strokeq(-8)(subpath (xpart (oldp intersectiontimes
78     get_strokeq(-12)),infinity) of oldp);
79   set_boserif(-8,0,whatever);
80   replace_strokeq(-7)(subpath (xpart (get_strokeq(-7) intersectiontimes
81     get_strokeq(-12)),infinity) of oldq);
82   replace_strokeq(-7)(subpath (xpart (oldp intersectiontimes
83     get_strokeq(-12)),infinity) of oldp);
84   expand_pbox;
85 enddef;
86
87
88
89 % you/yashina "nurture"

```

```

90 begintsuglyph("uni990A";10); [see page 2906]
91   kanji.grfour.nurture;
92   tsu_render;
93 endtsuglyph;
94
95 % kan/yukata "building"
96 begintsuglyph("uni9928";40); [see page 2904]
97   kanji.grthree.building;
98   tsu_render;
99 endtsuglyph;
100
101 % shu/kubi "neck"
102 begintsuglyph("uni9996";150); [see page 529]
103   kanji.grtwo.neck;
104   tsu_render;
105 endtsuglyph;
106
107 % ba/uma "horse"
108 begintsuglyph("uni99AC";172); [see page 513]
109   kanji.grtwo.horse;
110   tsu_render;
111 endtsuglyph;
112
113 % eki "station"
114 begintsuglyph("uni99C5";197); [see page 2905]
115   kanji.grthree.station;
116   tsu_render;
117 endtsuglyph;
118
119 _____
120
121 endfont;
122
123 _____

```

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;
```

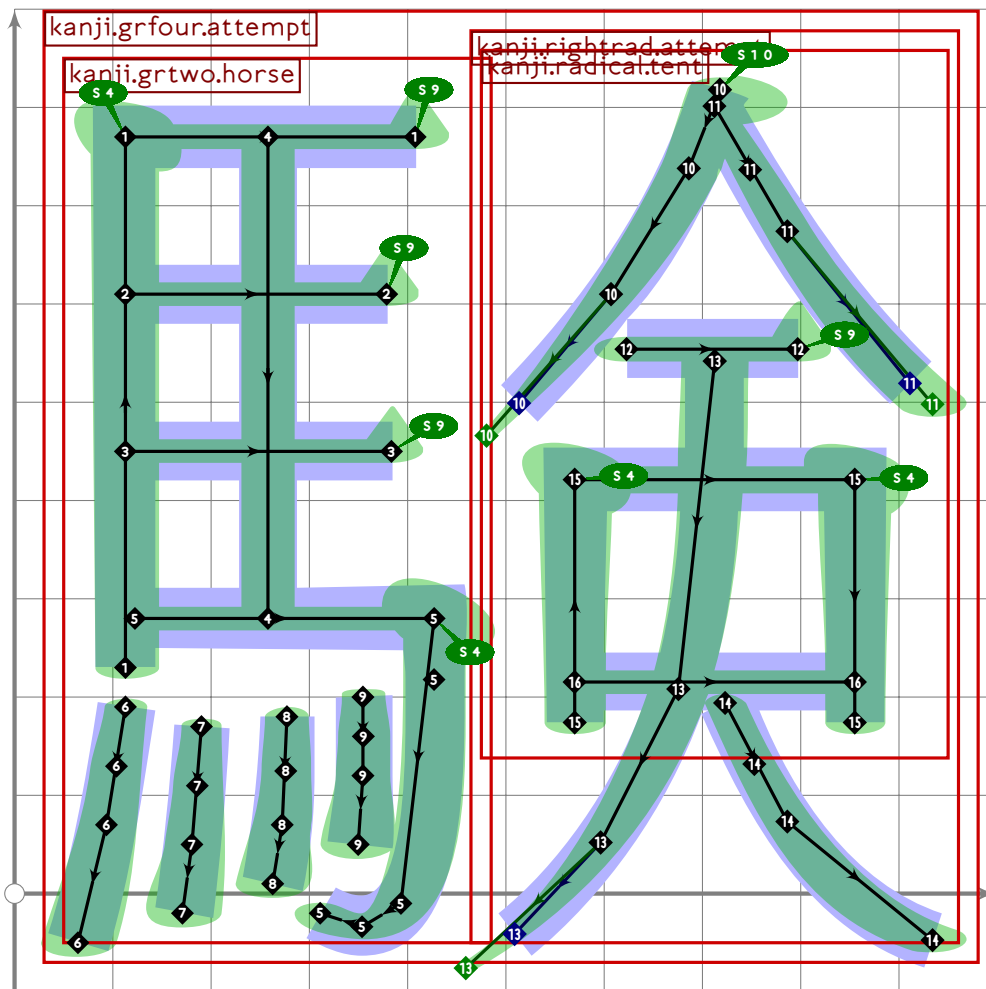
```
45 input toprad.mp;
```

```
46
```

```
47 do_late_includes;
```

```
48
```

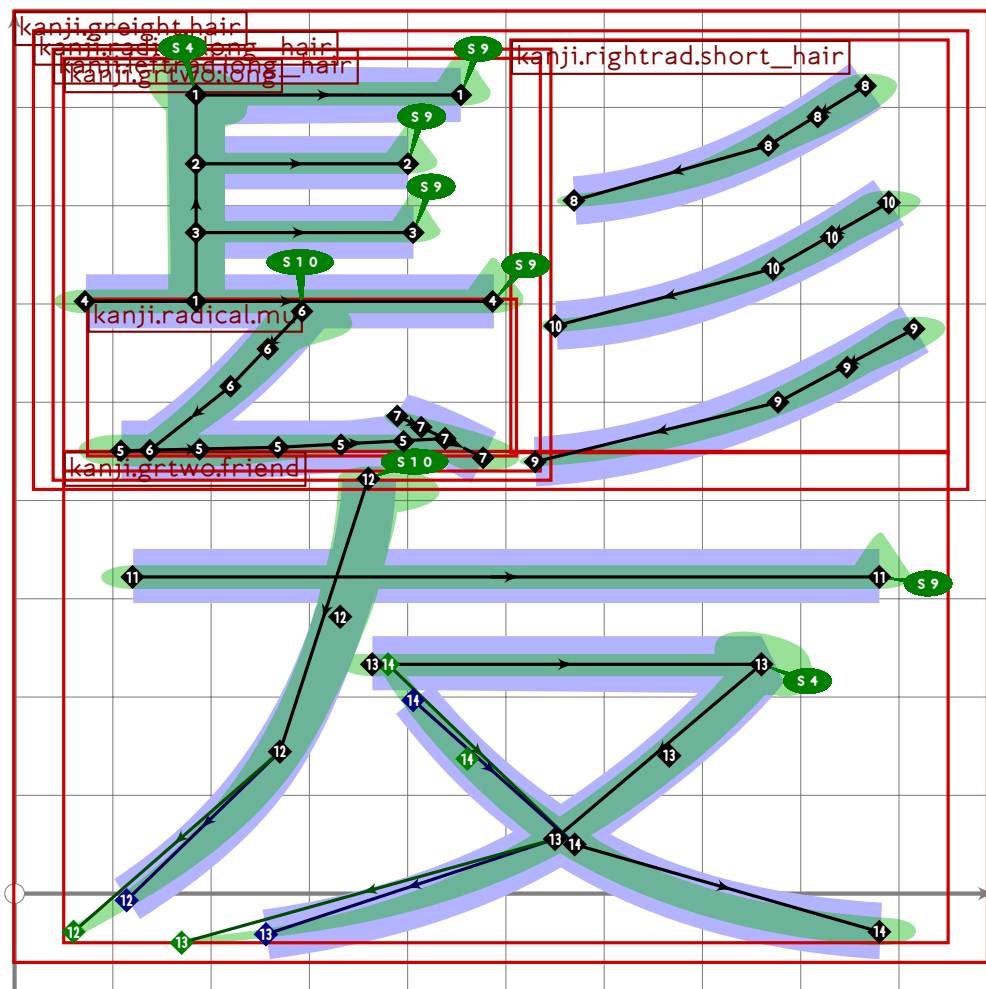
```
49
```



```

50
51 vardef kanji.grfour.attempt =
52   push_pbox_toexpand("kanji.grfour.attempt");
53   build_kanji.lr(480,10)
54   (kanji.grtwo.horse)
55   (kanji.rightrad.attempt);
56   expand_pbox;
57 enddef;
58
59

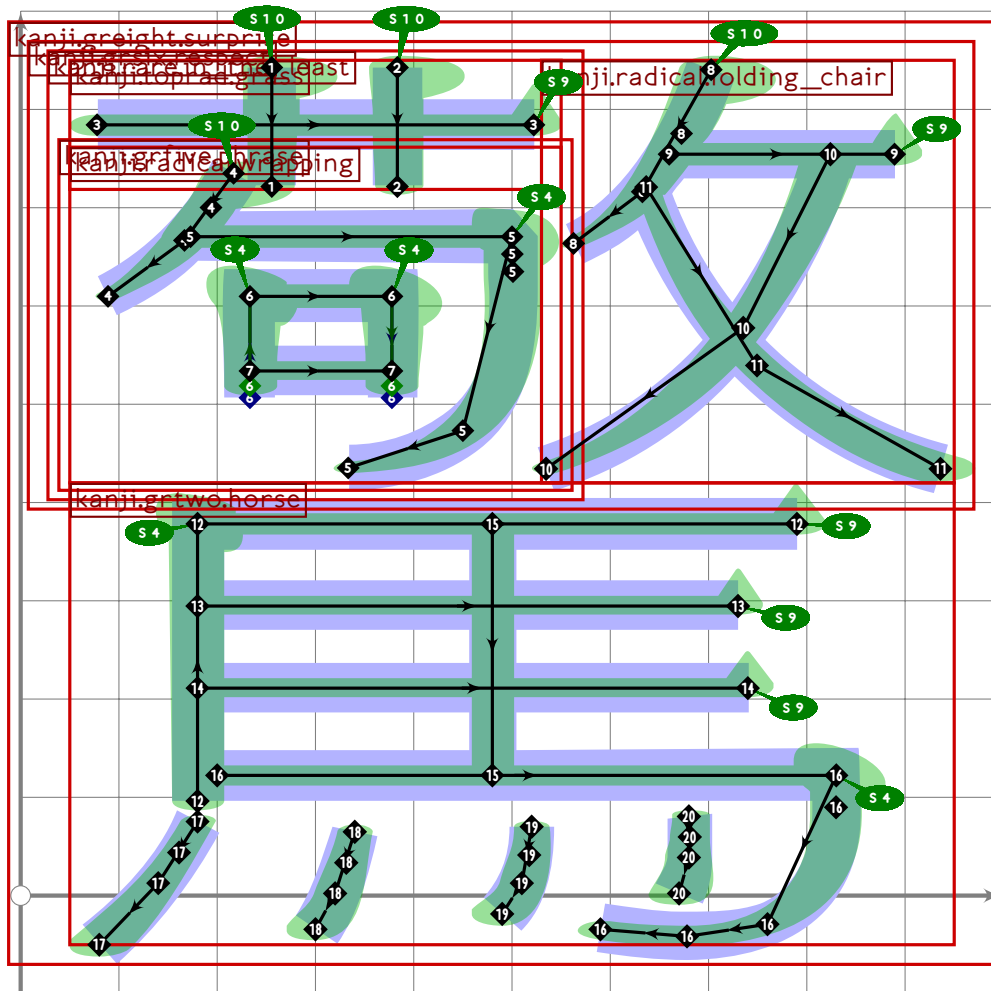
```



```

60
61 vardef kanji.greight.hair =
62   push_pbox_toexpand("kanji.greight.hair");
63   build_kanji.level(build_kanji.tb(440,20)
64     (kanji.radical.long_hair)
65     (kanji.grtwo.friend));
66   expand_pbox;
67 enddef;

```

```

68
69 vardef kanji.greight.surprise =
70   push_pbox_toexpand("kanji.greight.surprise");
71   build_kanji.thickness(0.9)(build_kanji.level(build_kanji.tb(420,0)
72     (kanji.grsix.respect)
73     (kanji.grtwo.horse)));
74   expand_pbox;
75 enddef;
76
77
78
79 vardef kanji.rightrad.attempt =
80   push_pbox_toexpand("kanji.rightrad.attempt");
81   build_kanji.level(
82     build_kanji.sscale(yscaled 0.8 shifted (0,100))(kanji.radical.tent);
83     build_kanji.sscale(yscaled 0.71 shifted (0,125))
84     (push_stroke((500,780){curl 0}..(430,310)..(280,90)..(20,90),
85       (1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(0.85,0.85));
86     push_stroke((520,290)..tension 1.2..(640,120)..(920,50),
87       (1.2,1.2)-(1.4,1.4)-(1.6,1.6));
88     build_kanji.box((230,610),(770,320))));

```

```

89  expand_pbox;
90 enddef;
91
92 

---


93
94 % ken/okashi "attempt"
95 begintsuglyph("uni9A13";19); [see page 2909]
96   kanji.grfour.attempt;
97   tsu_render;
98 endtsuglyph;
99
100 % kyou/odoro "surprise"
101 begintsuglyph("uni9A5A";90); [see page 2911]
102   kanji.greight.surprise;
103   tsu_render;
104 endtsuglyph;
105
106 % kou/taka "high"
107 begintsuglyph("uni9AD8";216); [see page 511]
108   kanji.grtwo.high;
109   tsu_render;
110 endtsuglyph;
111
112 % hyuu/kamigashira "long hair radical"
113 begintsuglyph("uni9ADF";223); [see page 698]
114   kanji.radical.long_hair;
115   tsu_render;
116 endtsuglyph;
117
118 % hatsu/kami "hair of the head"
119 begintsuglyph("uni9AEA";234); [see page 2910]
120   kanji.greight.hair;
121   tsu_render;
122 endtsuglyph;
123
124 

---


125
126 endfont;
127
128 

---



```

tsuku-9b.mp

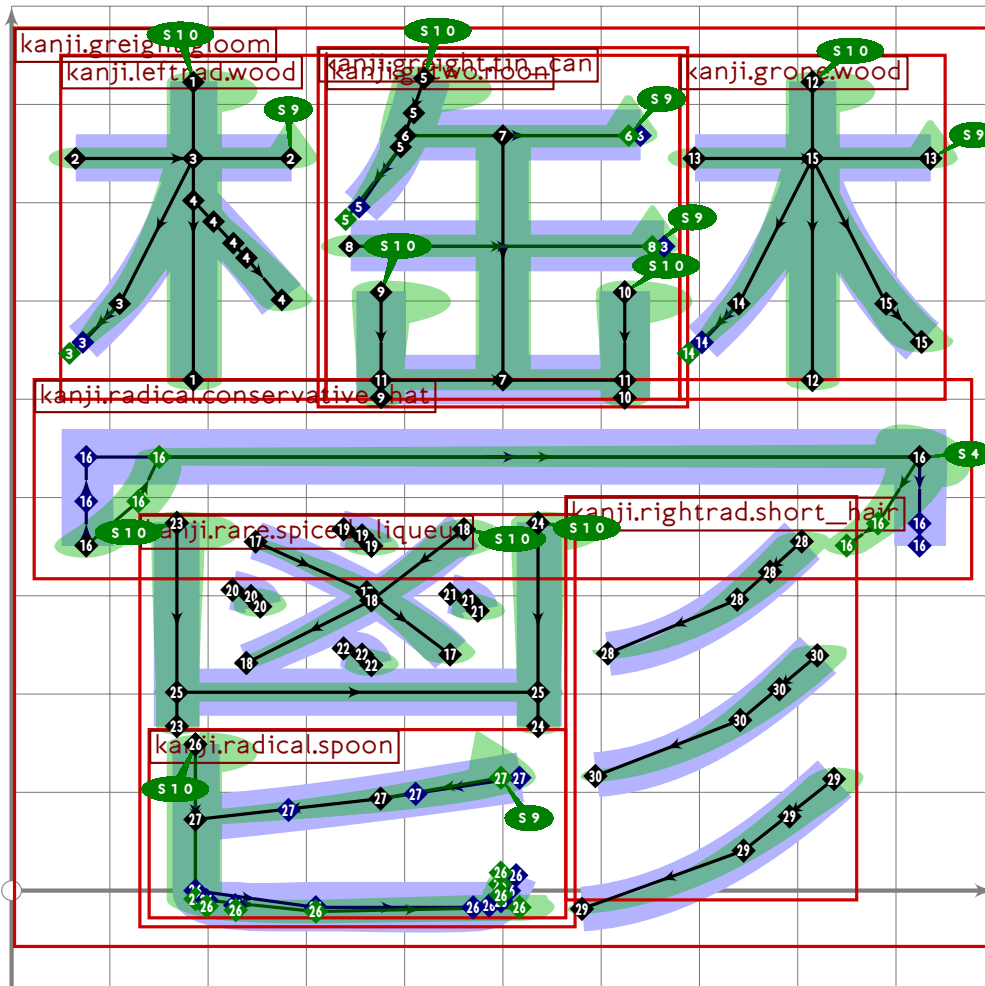
```
1 %
2 % Unicode page 9B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



```

49
50 vardef kanji.greight.gloom =
51   push_pbox_toexpand("kanji.greight.gloom");
52   build_kanji.tb(510,20)
53     (build_kanji.lcr(320,0)(680,0)
54       (kanji.leftrad.wood)
55       (kanji.greight.tin_can)
56       (kanji.grone.wood))
57   (build_kanji.tb(600,140)
58     (build_kanji.sscale(xscaled 1.06)(kanji.radical.conservative_hat))
59     (build_kanji.sscale(xyscaled (0.8,0.9))(build_kanji.lr(580,0)
60       (kanji.rare.spiced_liqueur)
61       (build_kanji.sscale(shifted (0,40))(kanji.rightrad.short_hair)))));
62   expand_pbox;
63 enddef;
64
65
66
67 % chou/kaorigusa "spiced liqueur"
68 begintsuglyph("uni9B2F";47);
69 kanji.rare.spiced_liqueur;

```

[see page 851]

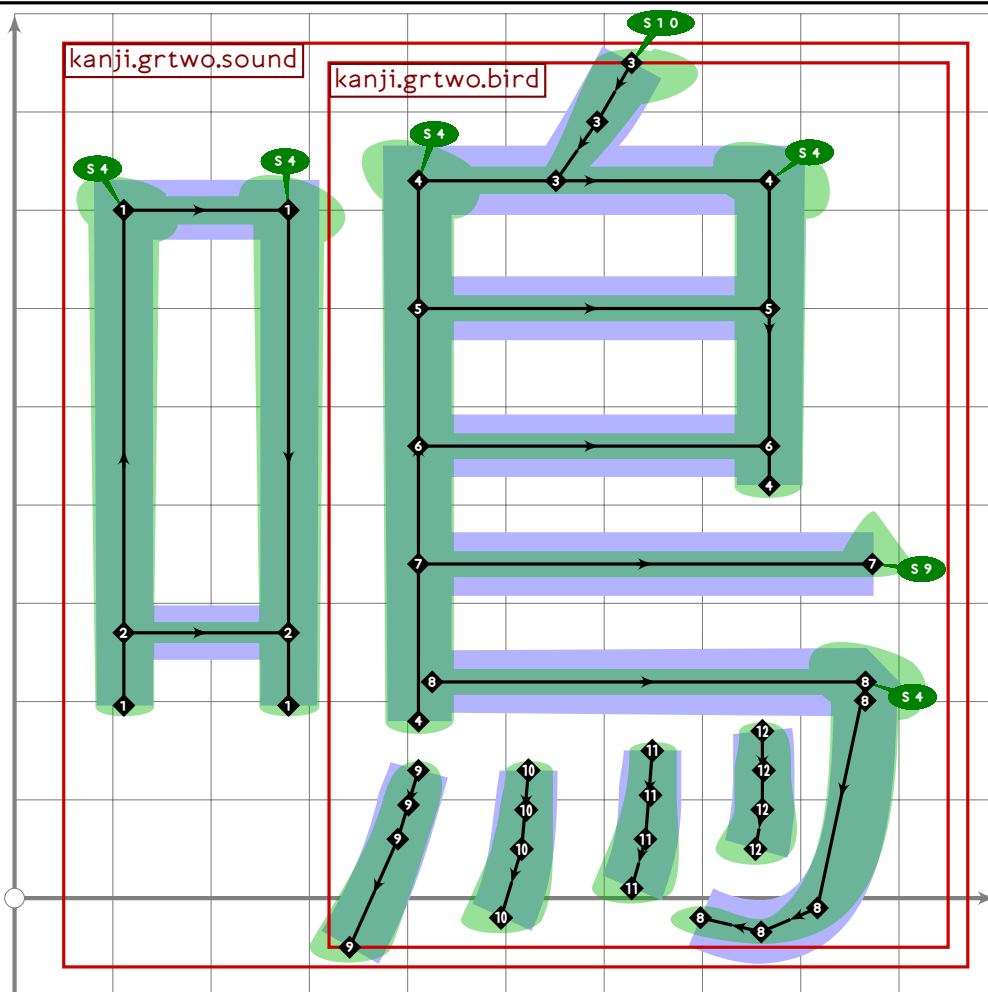
```
70  tsu_render;
71  endtsuglyph;
72
73  % utsu "gloom"
74  begintsuglyph("uni9B31";49); [see page 2914]
75  kanji.greight.gloom;
76  tsu_render;
77  endtsuglyph;
78
79  % gyo/sakana "fish"
80  begintsuglyph("uni9B5A";90); [see page 504]
81  kanji.grtwo.fish;
82  tsu_render;
83  endtsuglyph;
84
85  _____
86
87  endfont;
88
89  _____
```

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 485]
56  kanji.grtwo.bird;
57  tsu_render;
58 endtsuglyph;
59
60 % mei/na "sound"
61 begintsuglyph("uni9CF4",244); [see page 2916]
62  kanji.grtwo.sound;
63  tsu_render;
64 endtsuglyph;
65
66 

---


67
68 endfont;
69
70 

---



```

tsuku-9e.mp

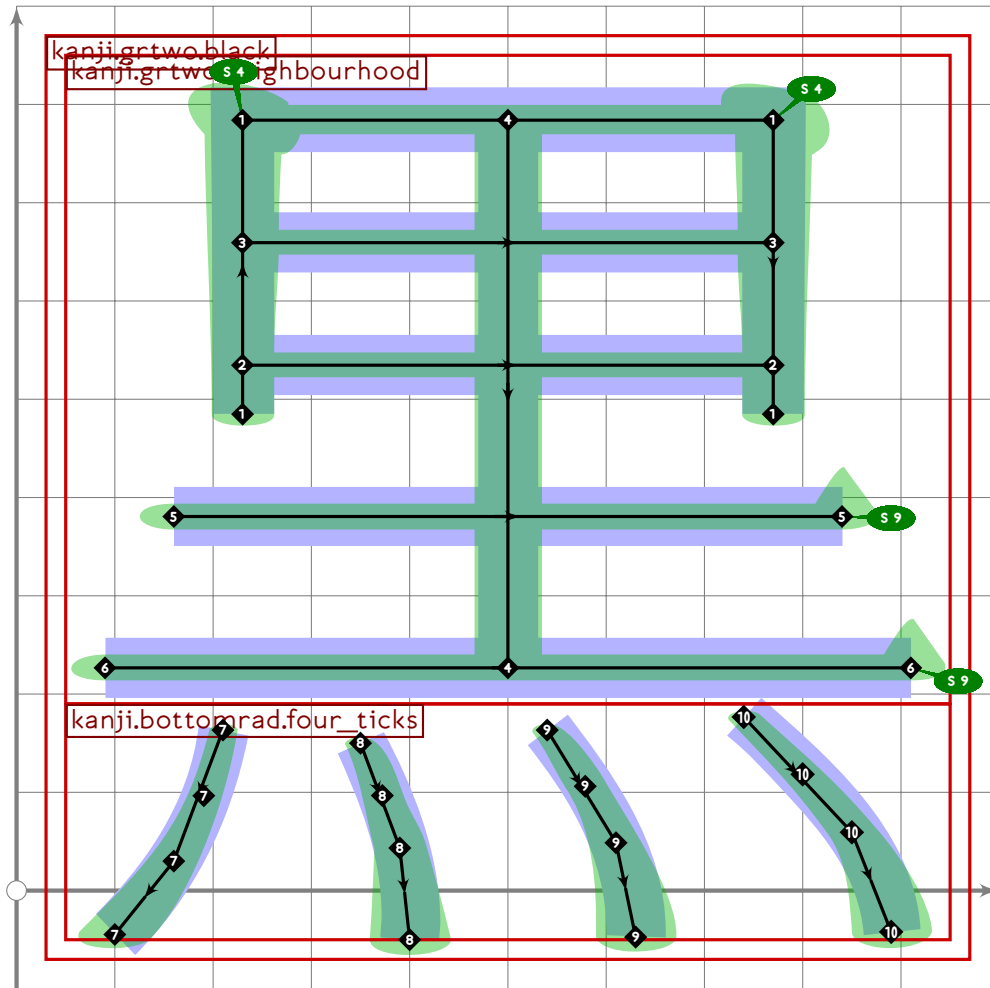
```
1 %
2 % Unicode page 9E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 begint Suglyph("uni9EA6";166);
60   kanji.grtwo.wheat;
61   tsu_render;
62 endtsuglyph;
63
64 % kou/ki "yellow"
65 begint Suglyph("uni9EC4";196);
66   kanji.grtwo.yellow;
67   tsu_render;

```

[see page 552]

[see page 557]

```
68 endtsuglyph;  
69  
70 % koku/kuro "black"  
71 begintsuglyph("uni9ED2",210); [see page 2919]  
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 

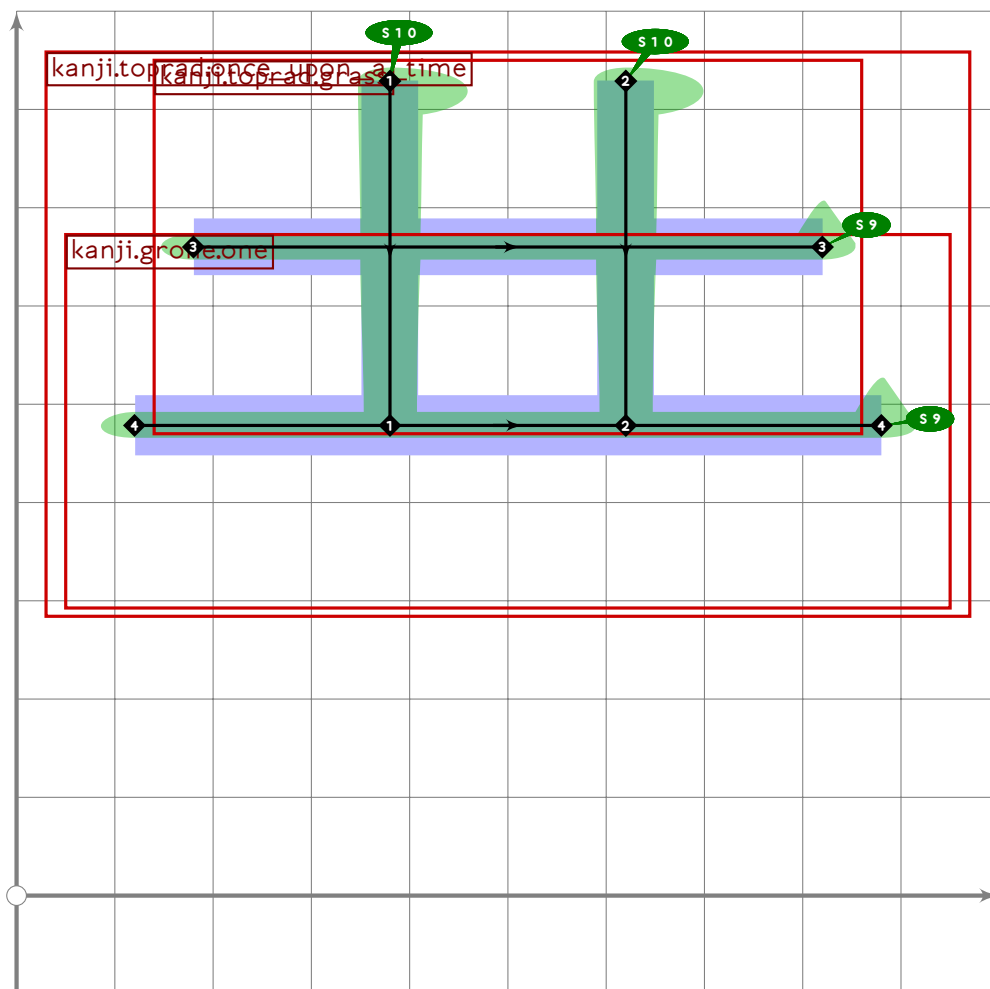
---


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 587]
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