

作りましょう 0.7

パラメタ方式フォントファミリ  
校とプリティプリントのソース

Tsukurimashou 0.7

Parametric Font Family  
Proofs and pretty-printed  
source code

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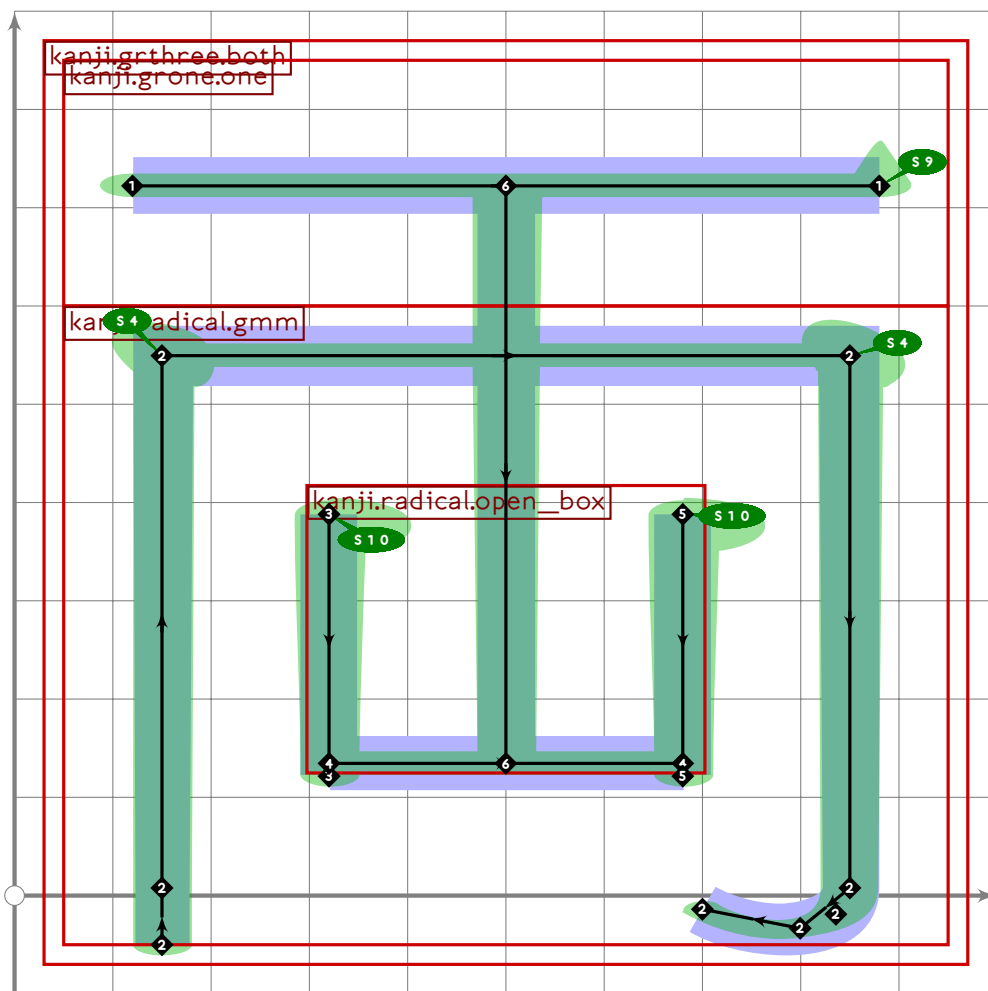
```
1 %
2 % Unicode page 4E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```

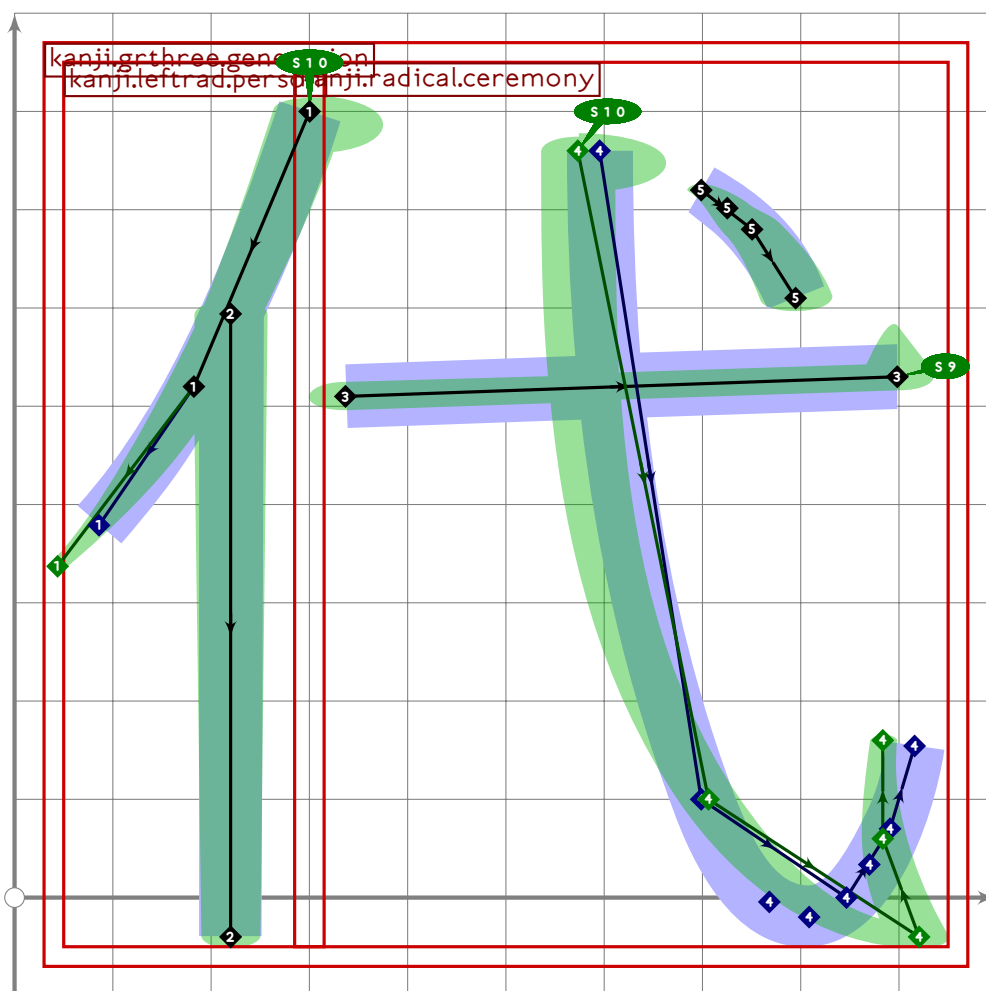


```

52
53 vardef kanji.grthree.both =
54   push_pbox_toexpand("kanji.grthree.both");
55   build_kanji.level(
56     build_kanji.tb(600,0)
57     (kanji.grone.one)
58     (kanji.radical.gmm;
59       build_kanji.sscale(scaled 0.45)(kanji.radical.open_box));
60   push_stroke(
61     (point 0.5 of get_stroke(-4))-(point 0.5 of get_stroke(-1)),
62     (1.7,1.7)-(1.5,1.5));
63   expand_pbox;
64 enddef;

```

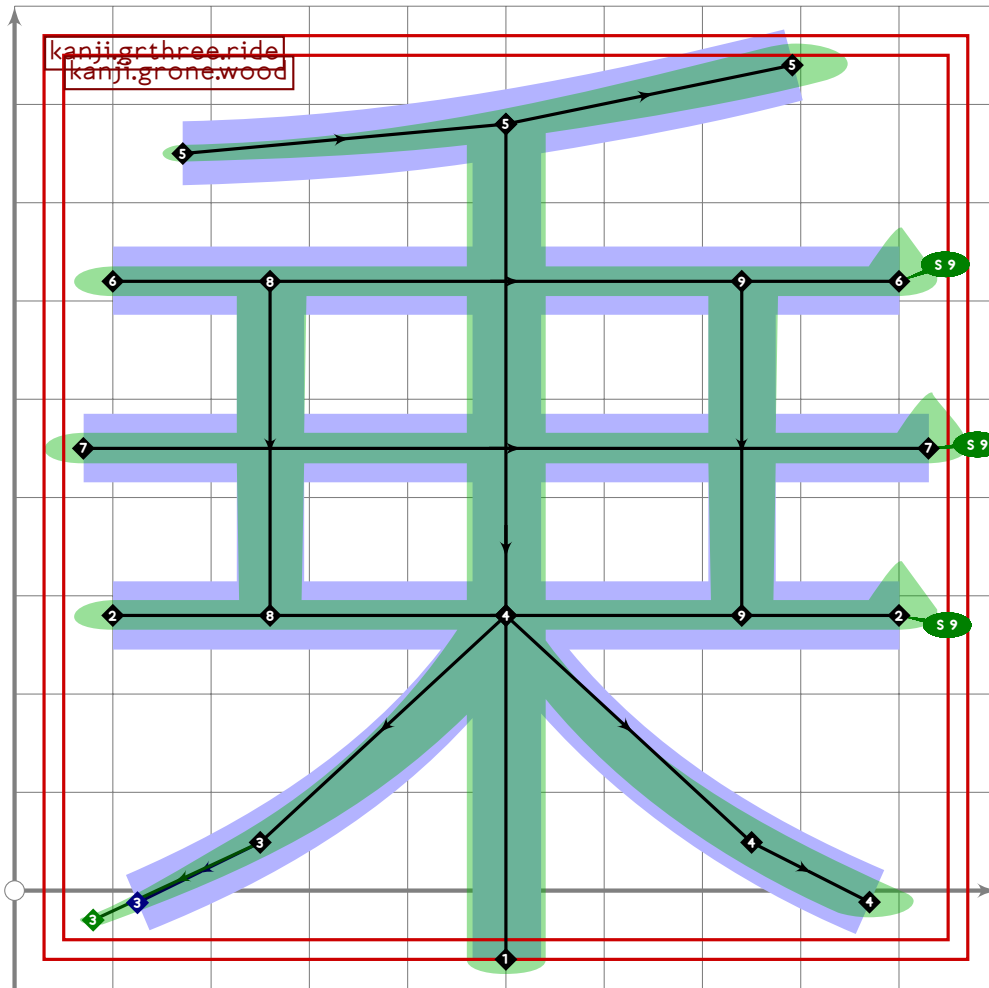




```

65
66 vardef kanji.grthree.generation =
67   push_pbox_toexpand("kanji.grthree.generation");
68   build_kanji.lr(300,30)
69     (kanji.leftrad.person)
70     (kanji.radical.ceremony);
71   expand_pbox;
72 enddef;

```

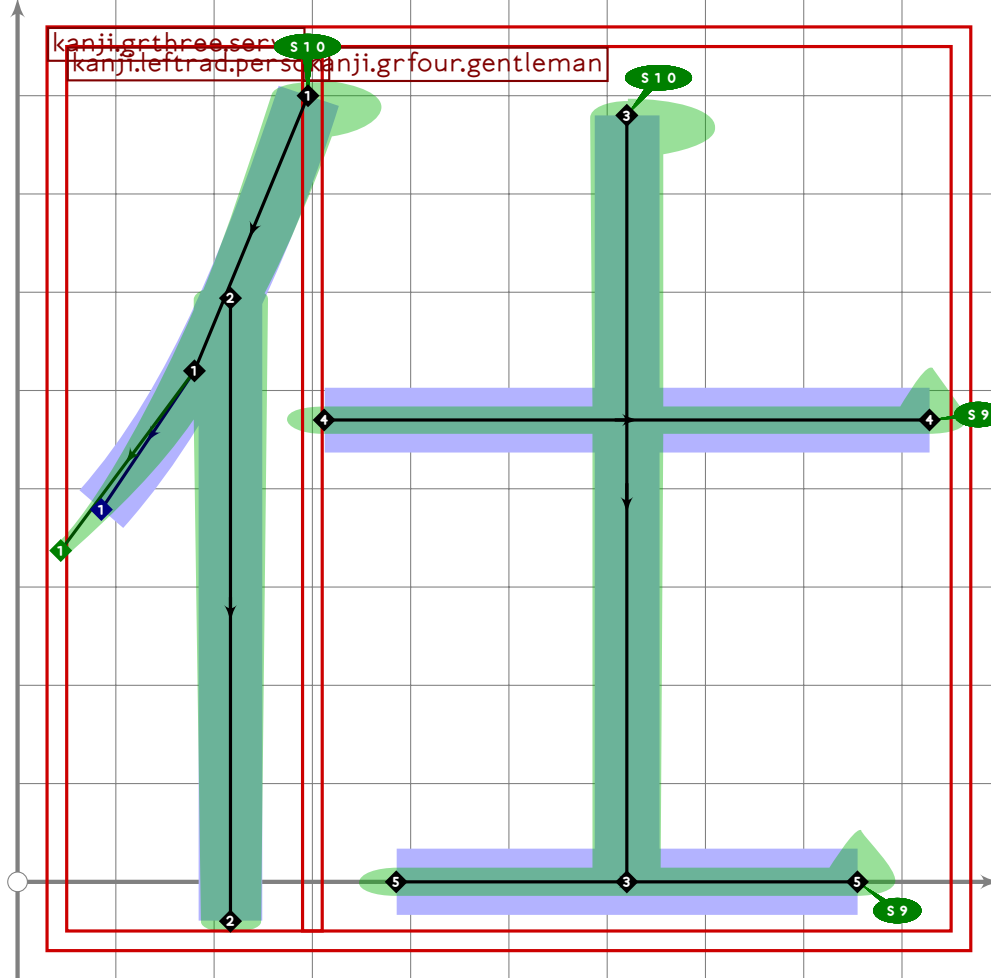


```

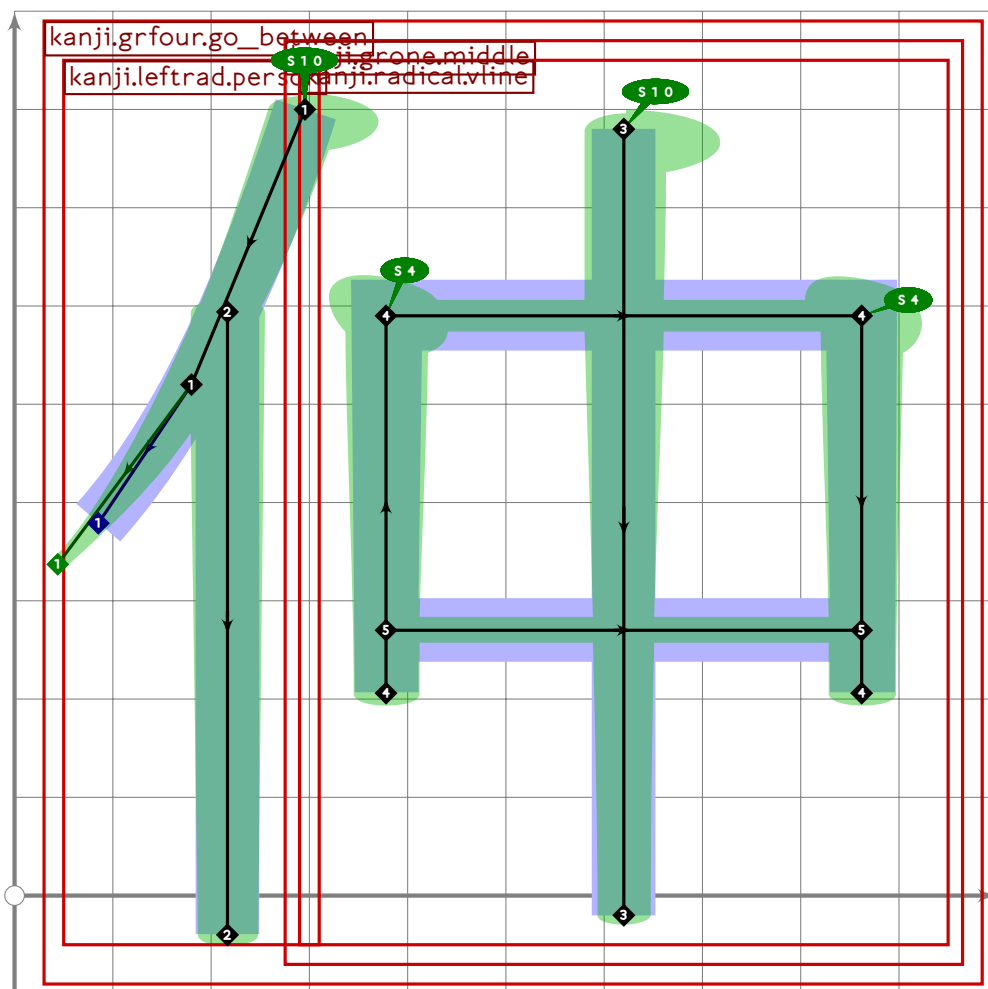
73
74 vardef kanji.grthree.ride =
75   push_pbox_toexpand("kanji.grthree.ride");
76   build_kanji.add_beret(kanji.grone.wood);
77   begingroup
78     save myxf;
79     transform myxf;
80     (80,70) transformed myxf=(80,30);
81     (920,70) transformed myxf=(920,30);
82     (80,580) transformed myxf=(80,280);
83     replace_strokep(-4)((point 0 of oldp)-(500,-70));
84     replace_strokep(-2)(oldp transformed myxf);
85     replace_strokep(-1)(oldp transformed myxf);
86     push_stroke(get_strokep(-3) shifted (0,620-580),get_strokeq(-3));
87     set_boserif(0,19);
88     replace_strokep(-4)(oldp shifted (0,280-580));
89     push_stroke((70,450)-(930,450),(1.6,1.6)-(1.6,1.6));
90     set_boserif(0,19);
91     push_stroke((260,620)-(260,280),(1.5,1.5)-(1.4,1.4));
92     push_stroke((740,620)-(740,280),(1.5,1.5)-(1.4,1.4));
93   endgroup;

```

```
94 expand_pbox;
95 enddef;
```

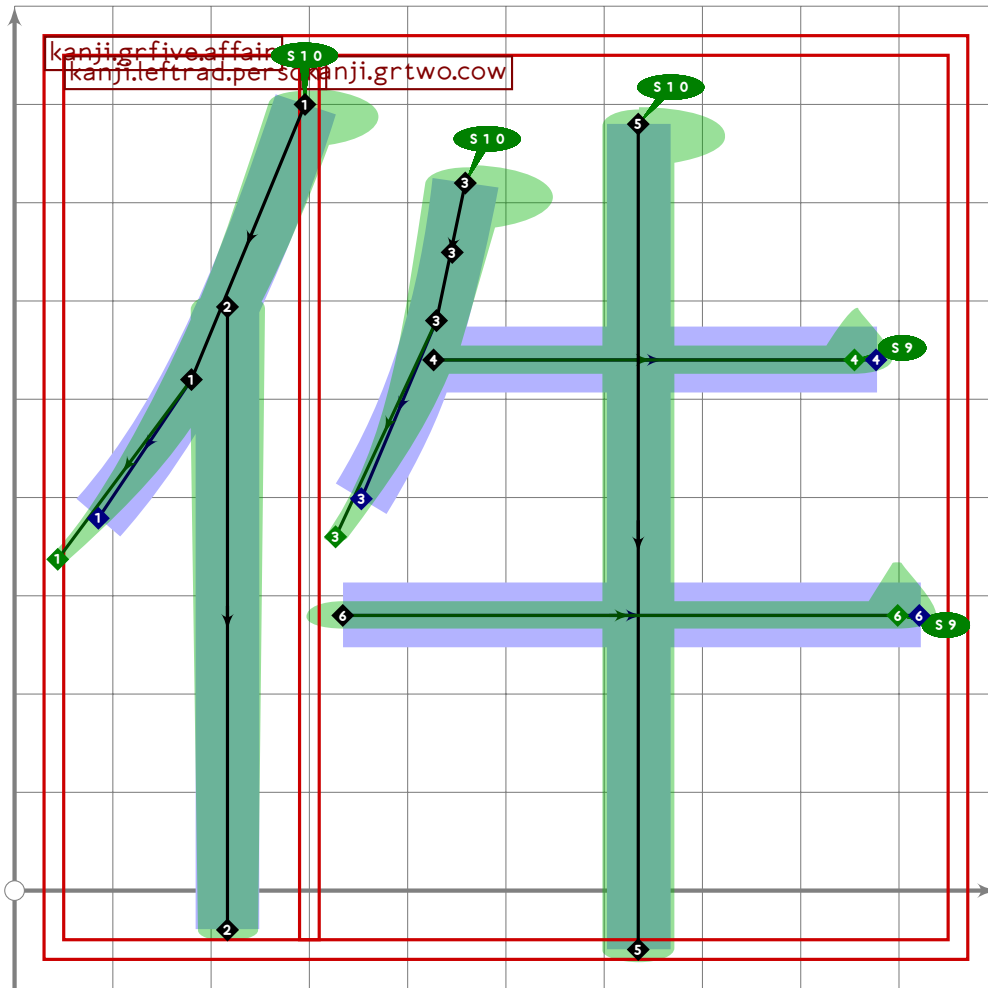


```
96
97 vardef kanji.grthree.serve =
98   push_pbox_toexpand("kanji.grthree.serve");
99   build_kanji.lr(300,20)
100     (kanji.leftrad.person)
101     (kanji.grfour.gentleman);
102   expand_pbox;
103 enddef;
104
105
```



```

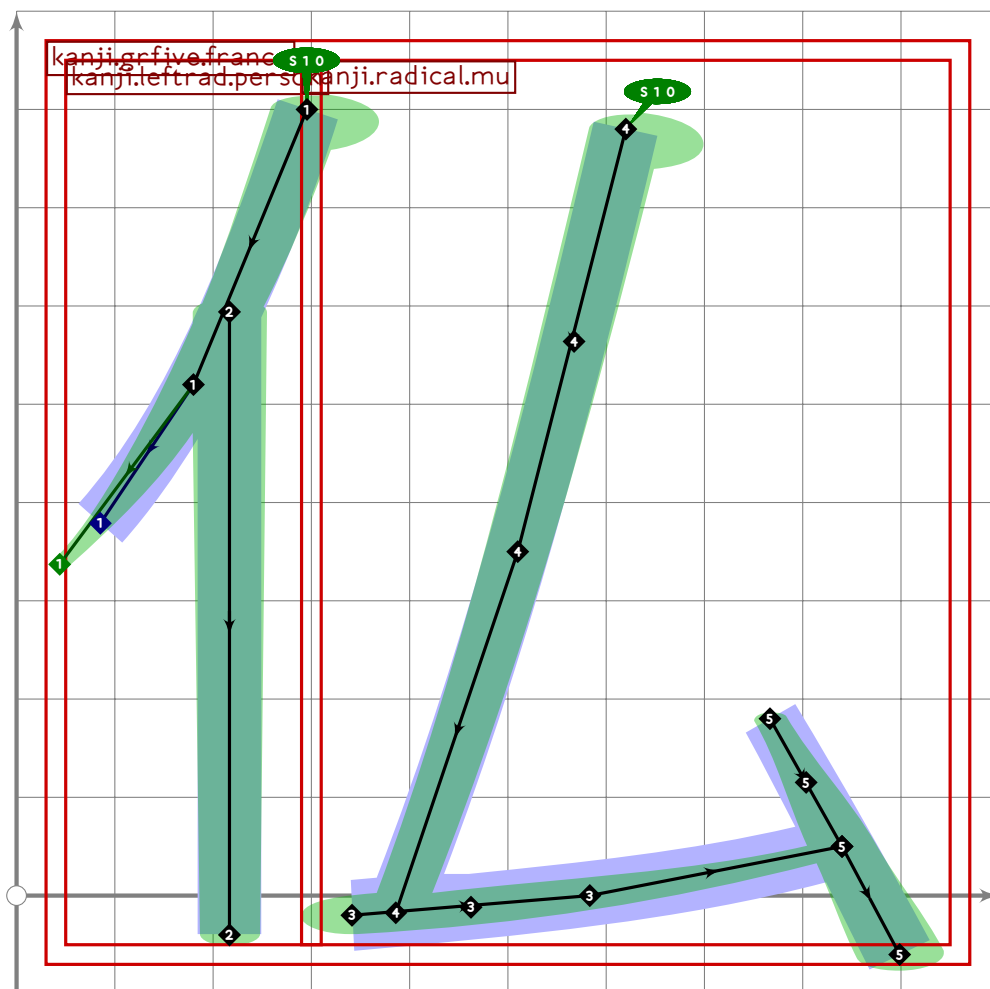
106
107 vardef kanji.grfour.go_between =
108   push_pbox_toexpand("kanji.grfour.go_between");
109   build_kanji.lr(300,20)
110     (kanji.leftrad.person)
111     (kanji.grone.middle);
112   expand_pbox;
113 enddef;
114
115
```



```

116
117 vardef kanji.grfive.affair =
118   push_pbox_toexpand("kanji.grfive.affair");
119   build_kanji.lr(300,20)
120     (kanji.leftrad.person)
121     (kanji.grtwo.cow);
122   expand_pbox;
123 enddef;

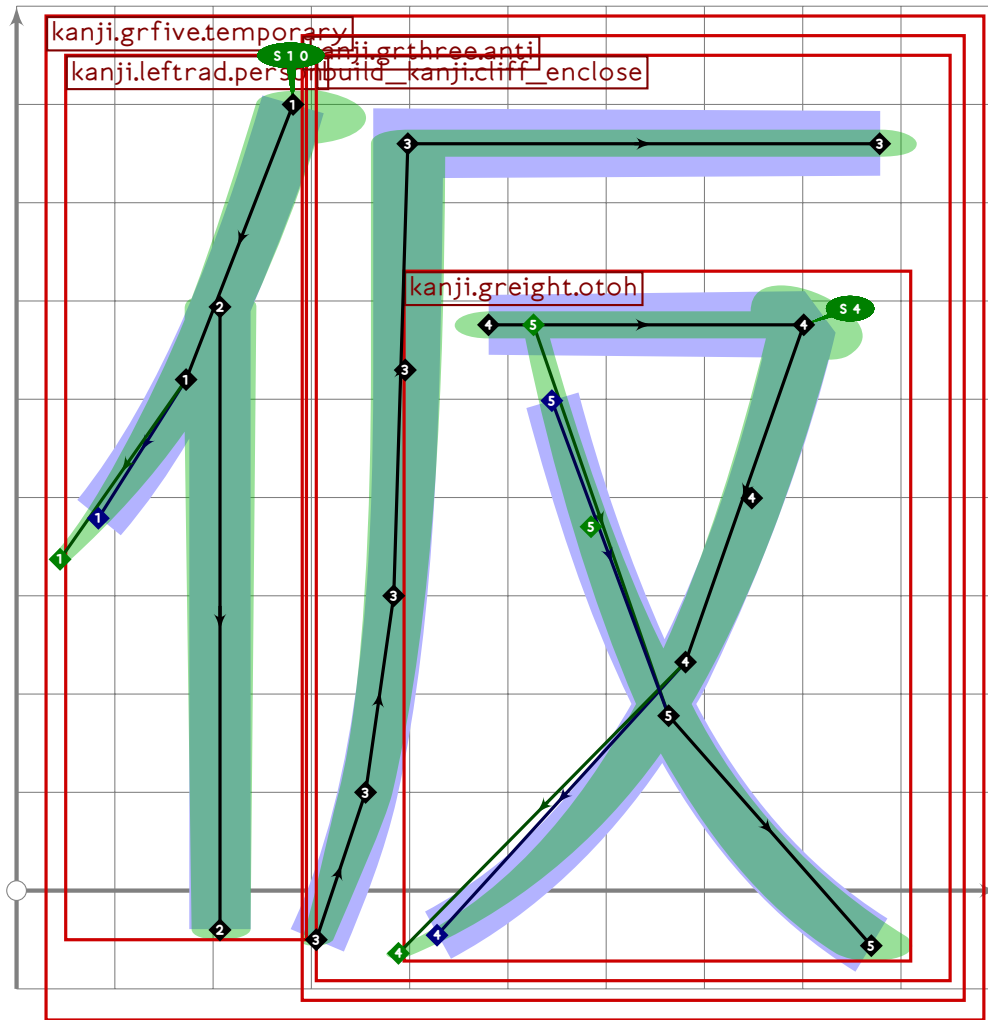
```



```

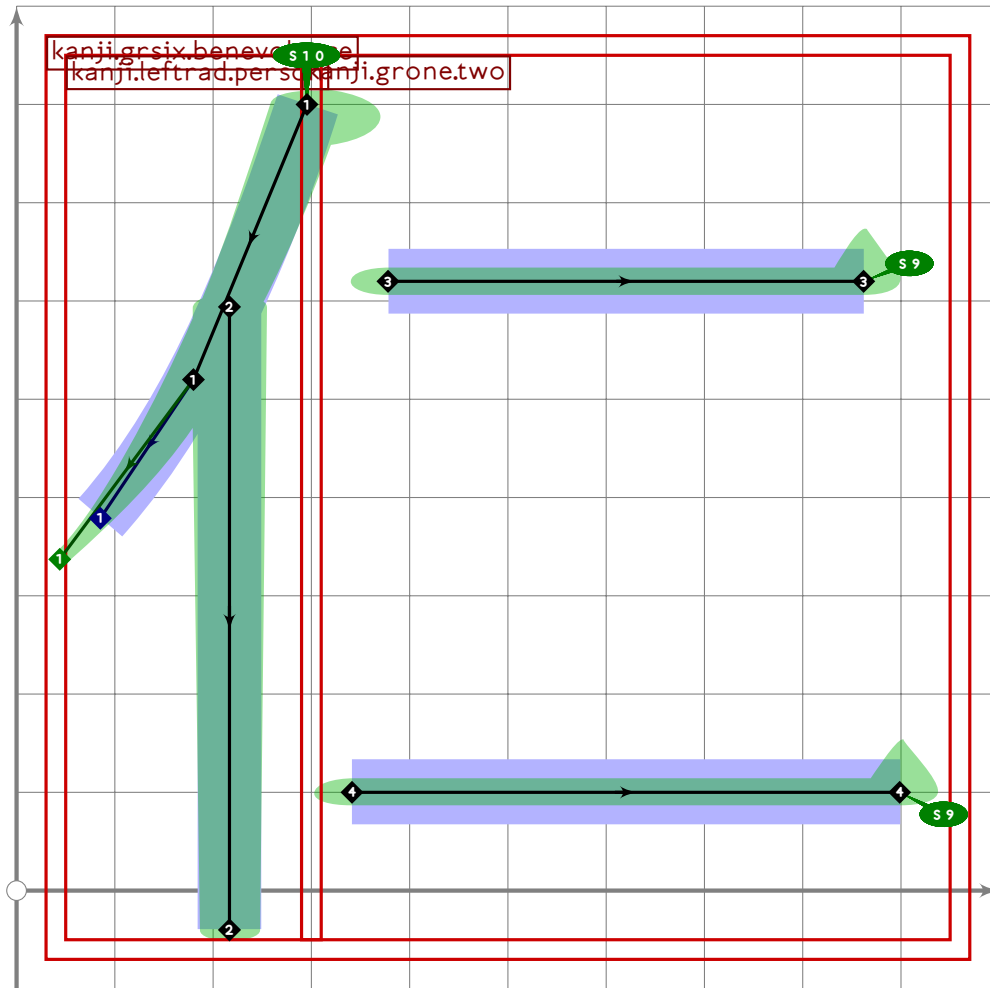
124
125 vardef kanji.grfive.france =
126   push_pbox_toexpand("kanji.grfive.france");
127   build_kanji.lr(300,20)
128     (kanji.leftrad.person)
129     (kanji.radical.mu);
130   expand_pbox;
131 enddef;

```



```

132
133 vardef kanji.grfive.temporary =
134   push_pbox_toexpand("kanji.grfive.temporary");
135   build_kanji.lr(300,-10)
136   (kanji.leftrad.person)
137   (kanji.grthree.anti);
138   expand_pbox;
139 enddef;
140
141
```

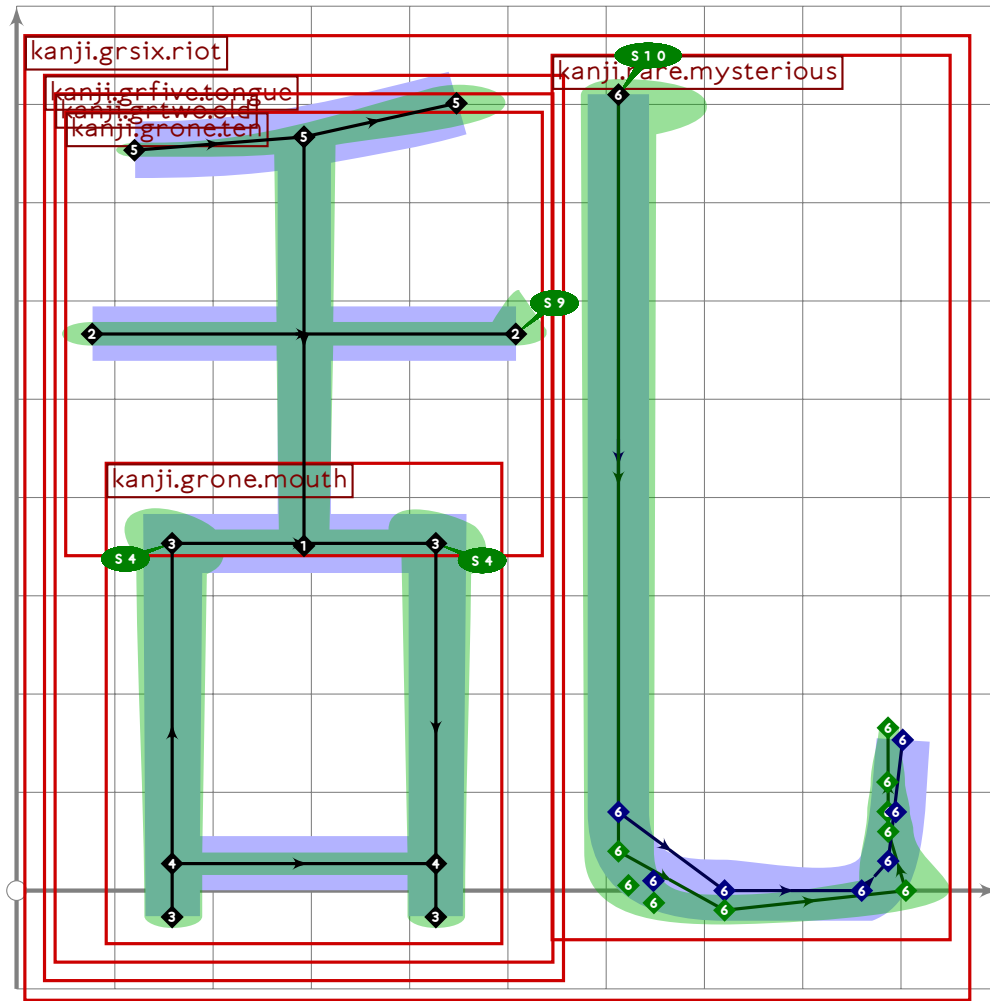


```

142
143 vardef kanji.grsix.benevolence =
144   push_pbox_toexpand("kanji.grsix.benevolence");
145   build_kanji.lr(300,20)
146     (kanji.leftrad.person)
147     (kanji.grone.two);
148   expand_pbox;
149 enddef;

```

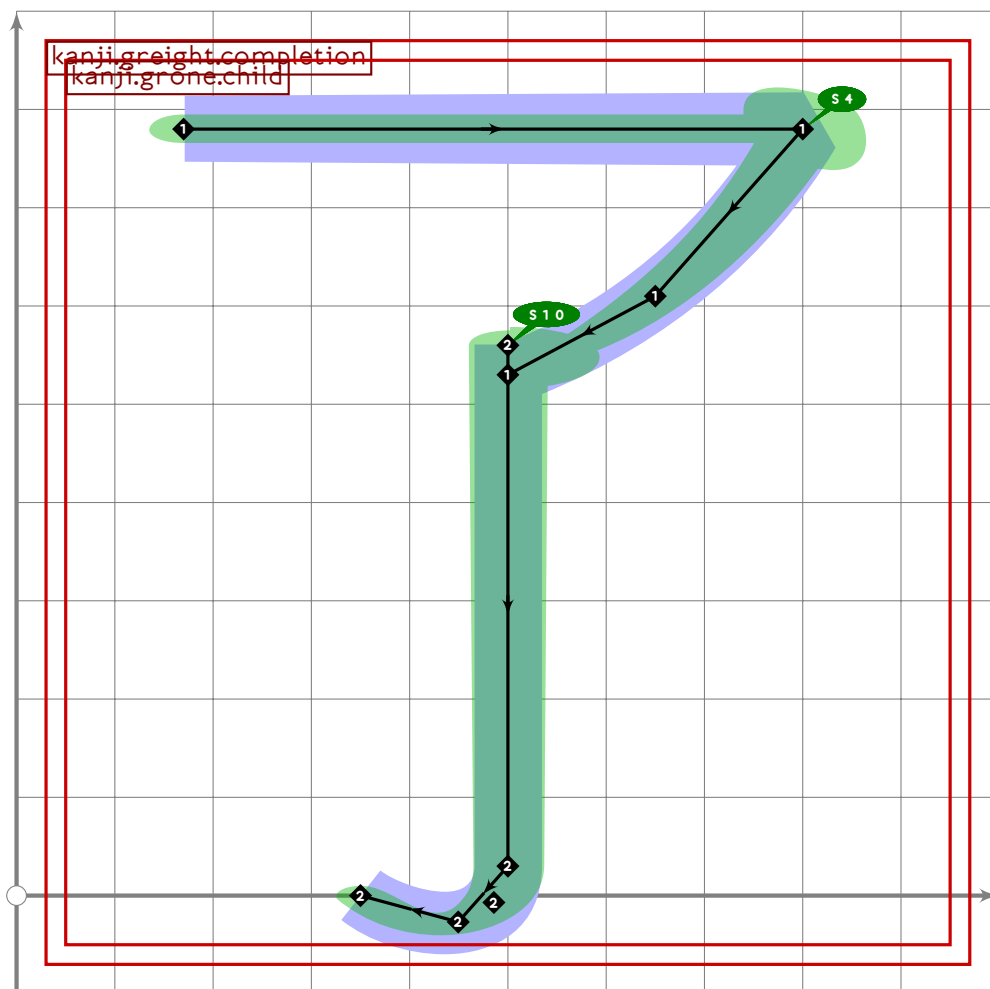




```

150
151 vardef kanji.grsix.riot =
152   push_pbox_toexpand("kanji.grsix.riot");
153   build_kanji.lr(540,-10)
154     (tsu_xform(identity yscaled 0.94 shifted (0,-7))(kanji.grfive.tongue))
155     (kanji.rare.mysterious);
156   expand_pbox;
157 enddef;
158
159

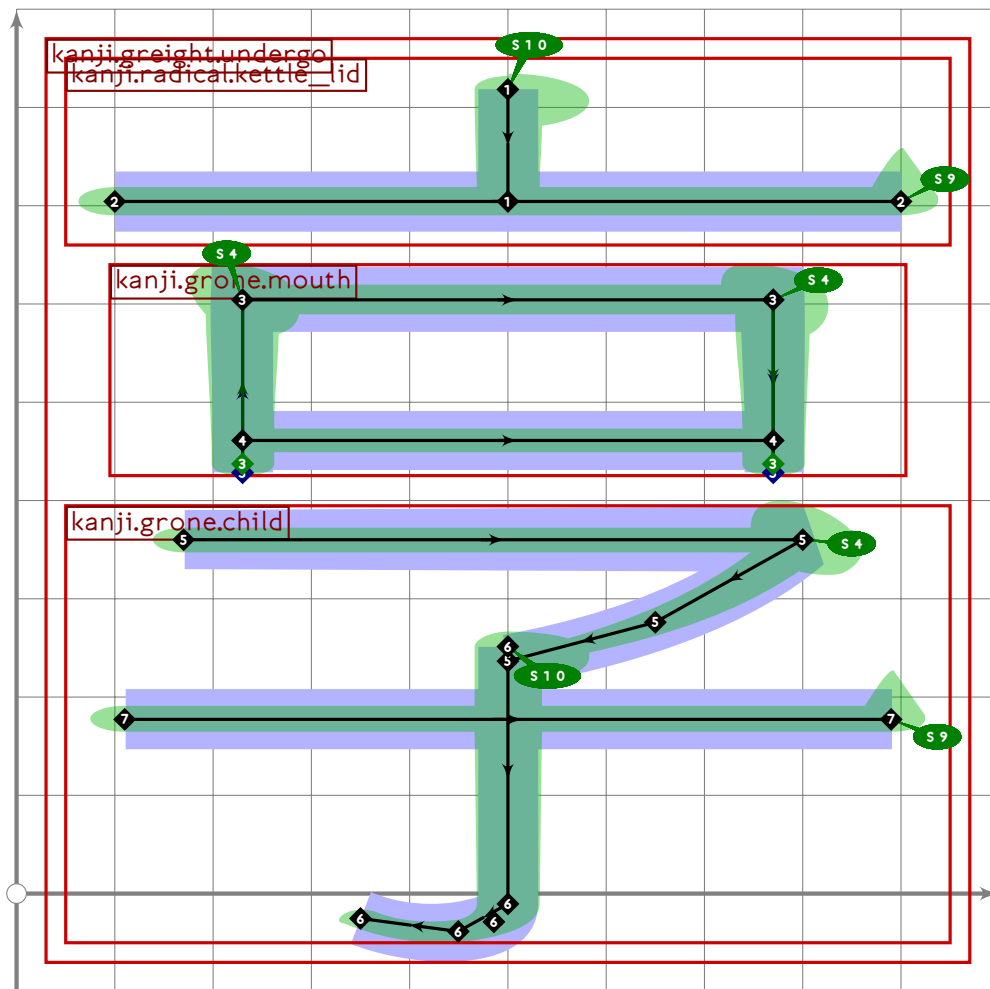
```



```

160
161 vardef kanji.greight.completion =
162   push_pbox_toexpand("kanji.greight.completion");
163   kanji.grone.child;
164   pop_stroke;
165   expand_pbox;
166 enddef;

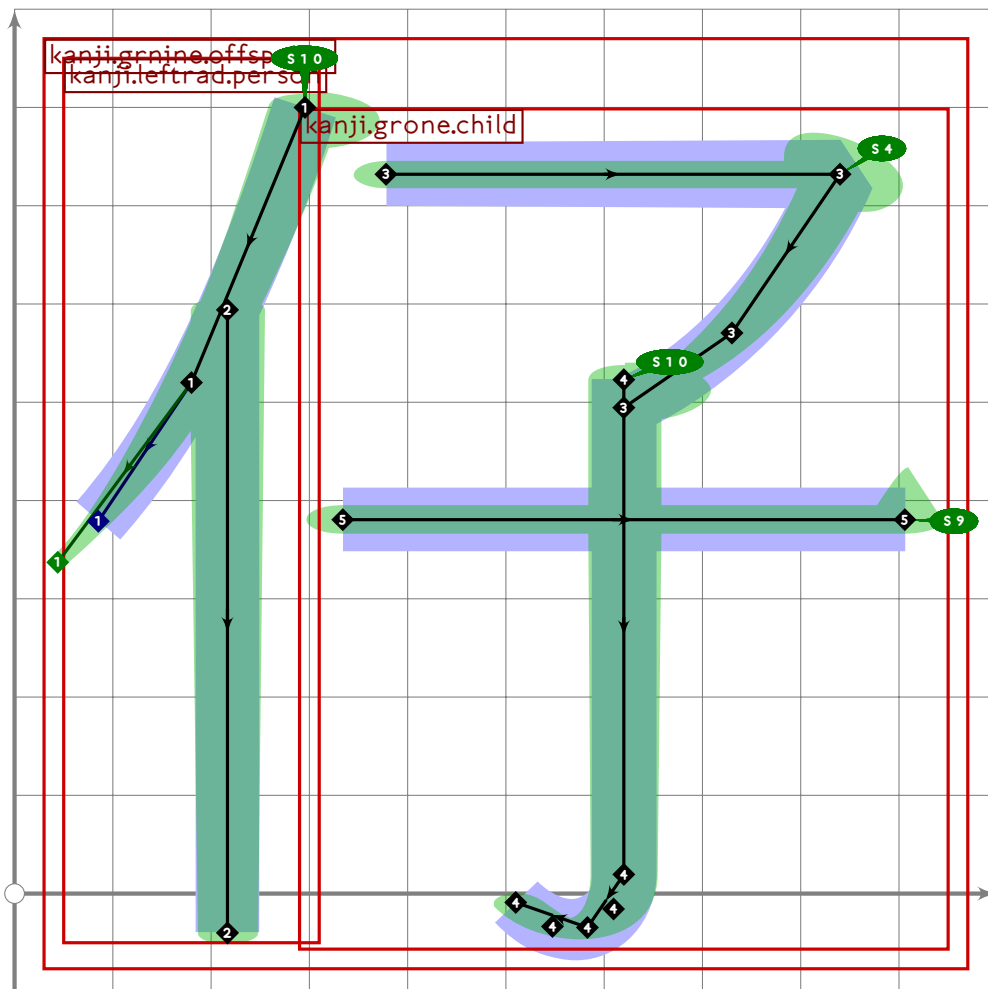
```



```

167
168 vardef kanji.greight.undergo =
169   push_pbox_toexpand("kanji.greight.undergo");
170   build_kanji.level(build_kanji.tb(650;20)
171     (kanji.radical.kettle_id)
172     (build_kanji.tb(550;-40)
173       (build_kanji.sscale(xscaled 0.9)(kanji.grone.mouth))
174       (kanji.grone.child)));
175   expand_pbox;
176 enddef;
177
178

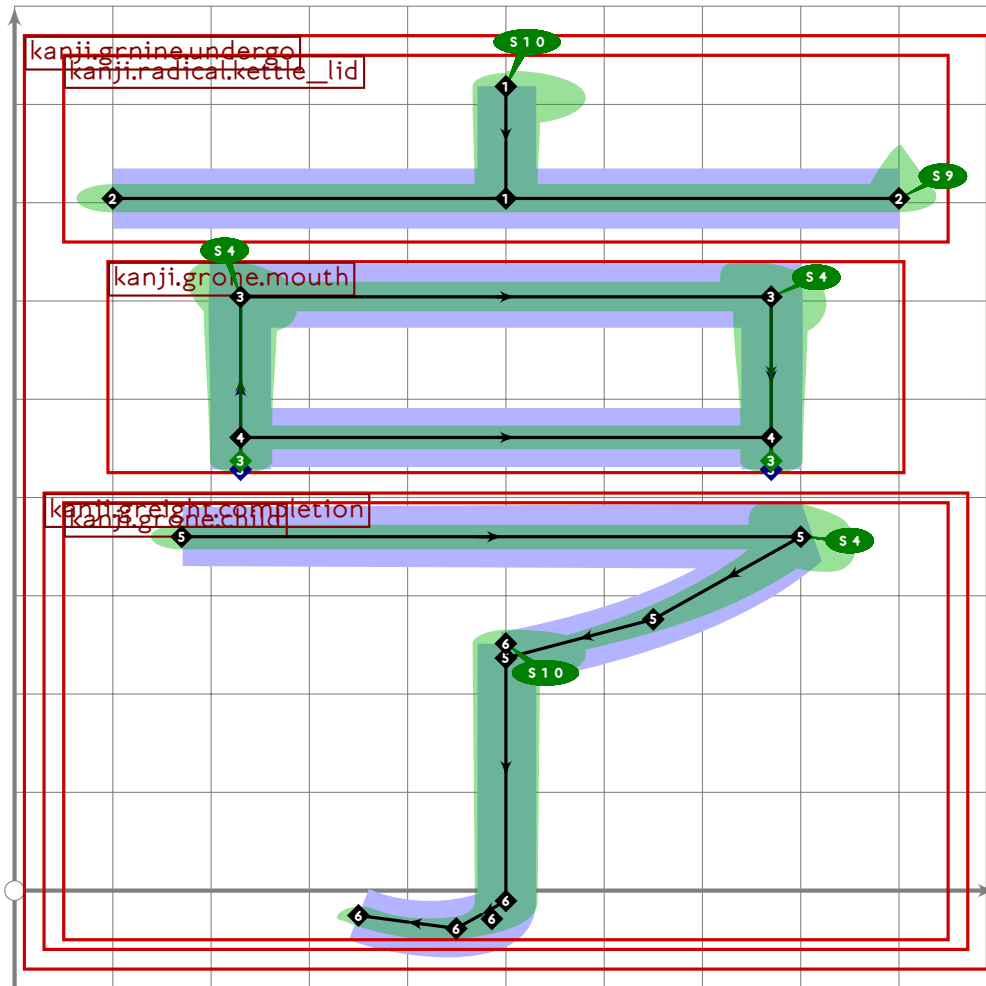
```



```

179
180 vardef kanji.grnine.offspring =
181   push_pbox_toexpand("kanji.grnine.offspring");
182   build_kanji.level(build_kanji.lr(300,20)
183     (kanji.leftrad.person)
184     (build_kanji.sscale(shifted (0,30) yscaled 0.95)
185       (kanji.grone.child)));
186   expand_pbox;
187 enddef;

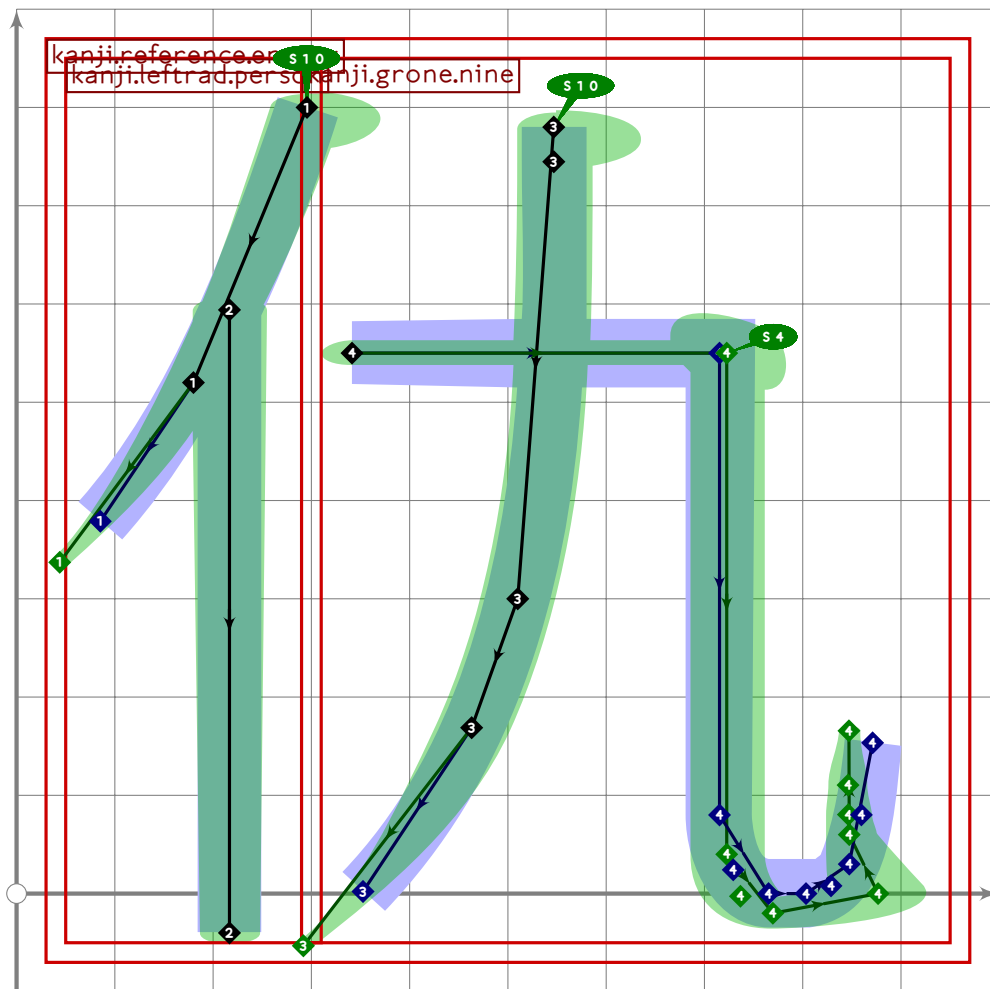
```



```

188
189 vardef kanji.grnine.undergo =
190   push_pbox_toexpand("kanji.grnine.undergo");
191   build_kanji.level(build_kanji.tb(650;20)
192     (kanji.radical.kettle_lid)
193     (build_kanji.tb(550;40)
194       (build_kanji.sscale(xscaled 0.9)(kanji.grone.mouth))
195       (kanji.greight.completion)));
196   expand_pbox;
197 enddef;
198
199

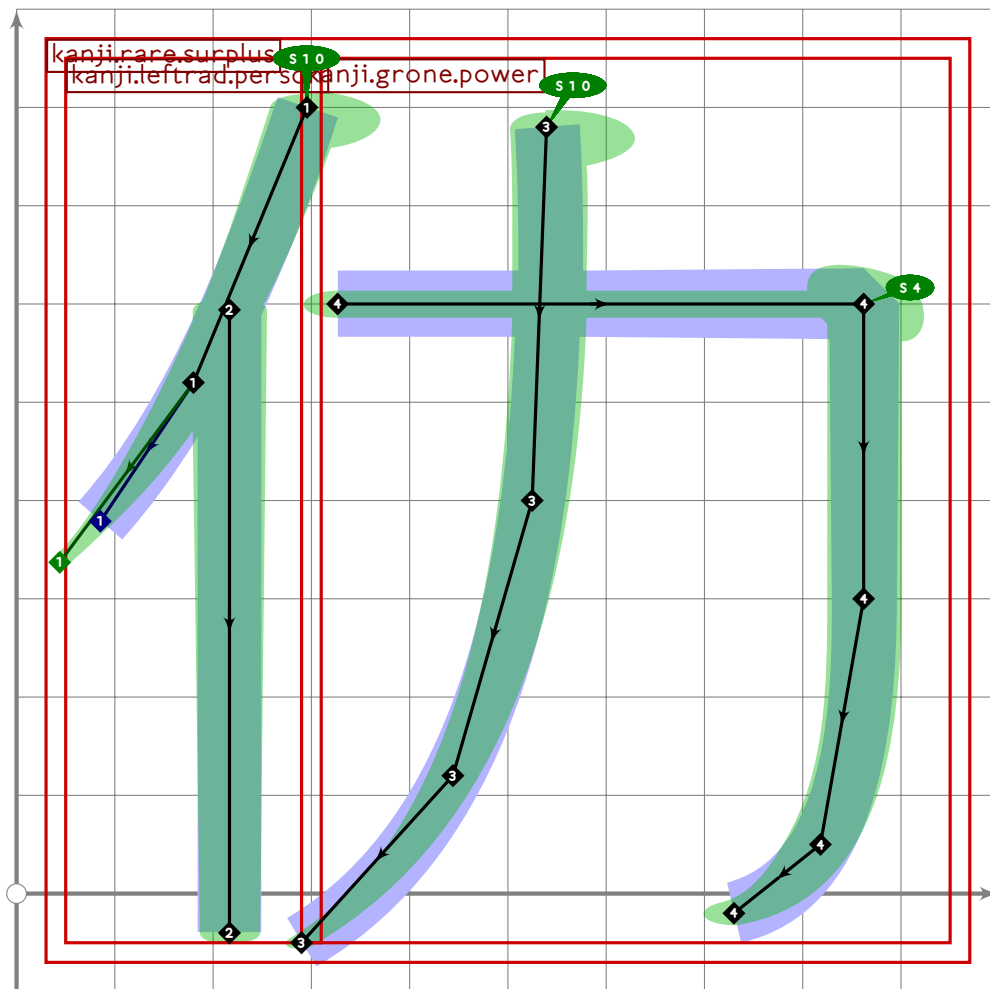
```



```

200
201 vardef kanji.reference.enemy =
202   push_pbox_toexpand("kanji.reference.enemy");
203   build_kanji.lr(300,20)
204     (kanji.leftrad.person)
205     (kanji.grone.nine);
206   expand_pbox;
207 enddef;
208
209

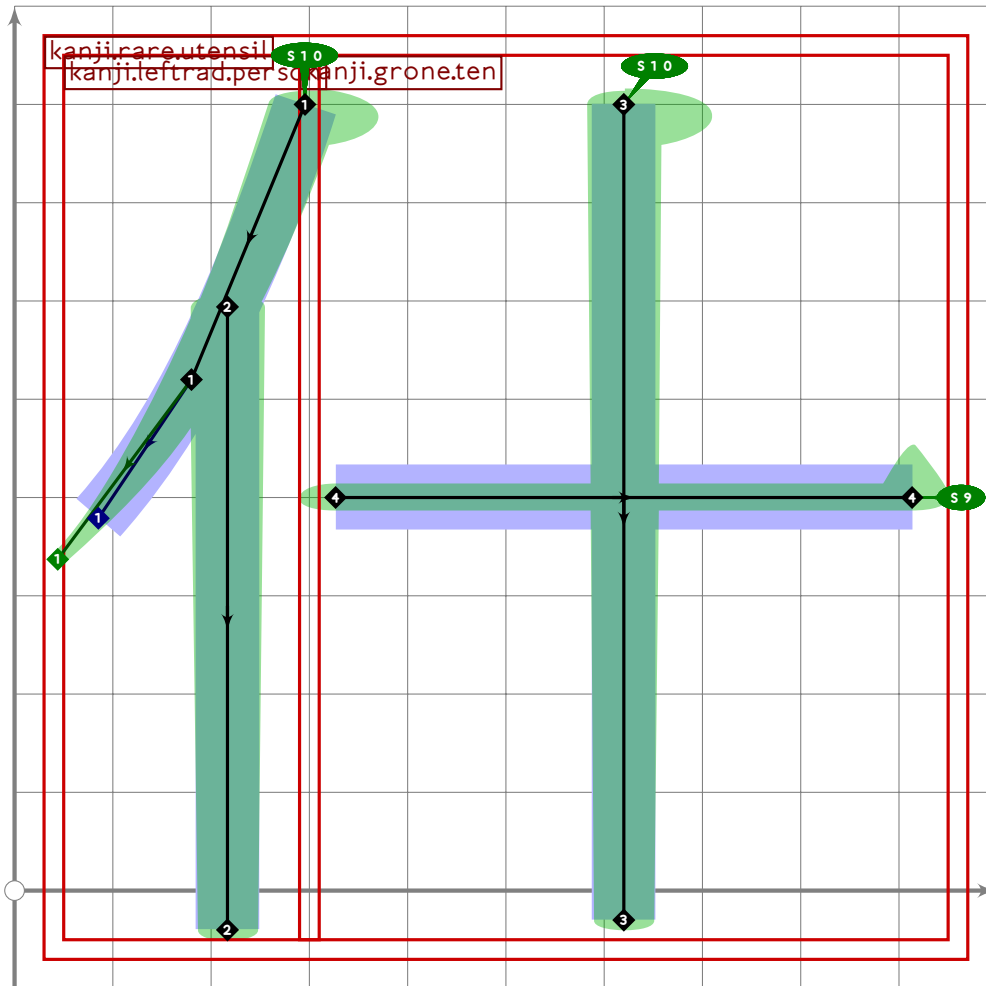
```



```

210
211 vardef kanji.rare.surplus =
212   push_pbox_toexpand("kanji.rare.surplus");
213   build_kanji.lr(300,20)
214     (kanji.leftrad.person)
215     (kanji.grone.power);
216   expand_pbox;
217 enddef;

```



```

218
219 vardef kanji.rare.utensil =
220   push_pbox_toexpand("kanji.rare.utensil");
221   build_kanji.lr(300,20)
222     (kanji.leftrad.person)
223     (kanji.grone.ten);
224   expand_pbox;
225 enddef;
226
227
228
229 % ichi/hito "one"
230 begintsuglyph("uni4E00";0);
231 kanji.grone.one;
232 tsu_render;
233 endtsuglyph;
234
235 % chuu/hinoto: "street"; "counter for leaves or guns"; "fourth zodiac sign"
236 % Uwaa ! Skala-sensei, I don't *want* to stick a thumbtack in my wrist!
237 begintsuglyph("uni4E01";1);
238 kanji.grthree.thumbtack;

```

[see page 452]

[see page 594]



239   tsu\_render;  
 240 endtsuglyph;  
 241  
 242 % kou/samata "obstruction of breath"  
 243 begintsuglyph("uni4E02";2); [see page 832]  
 244   kanji.rare.obstruction;  
 245   tsu\_render;  
 246 endtsuglyph;  
 247  
 248 % nana/shichi "seven"  
 249 begintsuglyph("uni4E03";3); [see page 464]  
 250   kanji.grone.seven;  
 251   tsu\_render;  
 252 endtsuglyph;  
 253  
 254 % man/yorozu "myriad"  
 255 begintsuglyph("uni4E07";7); [see page 526]  
 256   kanji.grtwo.myriad;  
 257   tsu\_render;  
 258 endtsuglyph;  
 259  
 260 % san/mi "three"  
 261 begintsuglyph("uni4E09";9); [see page 472]  
 262   kanji.grone.three;  
 263   tsu\_render;  
 264 endtsuglyph;  
 265  
 266 % ue/jyou "up"  
 267 begintsuglyph("uni4E0A";10); [see page 474]  
 268   kanji.grone.up;  
 269   tsu\_render;  
 270 endtsuglyph;  
 271  
 272 % shita/ka "down"  
 273 begintsuglyph("uni4E0B";11); [see page 425]  
 274   kanji.grone.down;  
 275   tsu\_render;  
 276 endtsuglyph;  
 277  
 278 % fu "non-"  
 279 begintsuglyph("uni4E0D";13); [see page 624]  
 280   kanji.grfour.non;  
 281   tsu\_render;  
 282 endtsuglyph;  
 283  
 284 % yo/ata "give"  
 285 begintsuglyph("uni4E0E";14); [see page 740]  
 286   kanji.greight.give;

```

287   tsu_render;
288 endtsuglyph;
289
290 % sho/ka "furthermore"
291 begintsuglyph("uni4E14";20); [see page 739]
292   kanji.greight.furthermore;
293   tsu_render;
294 endtsuglyph;
295
296 % hi/oo "glorious" (needed as part of other things)
297 begintsuglyph("uni4E15";21); [see page 818]
298   kanji.rare.glorious;
299   tsu_render;
300 endtsuglyph;
301
302 % sei/sou "world"
303 begintsuglyph("uni4E16";22); [see page 597]
304   kanji.grthree.world;
305   tsu_render;
306 endtsuglyph;
307
308 % kyu/oka "hill"
309 begintsuglyph("uni4E18";24); [see page 748]
310   kanji.greight.knoll;
311   tsu_render;
312 endtsuglyph;
313
314 % hei/hinoe "third class or calendar sign"
315 begintsuglyph("uni4E19";25); [see page 766]
316   kanji.greight.third;
317   tsu_render;
318 endtsuglyph;
319
320 % ryo/teru "both," also a couple of different units of measure
321 begintsuglyph("uni4E21";33); [see page 1760]
322   kanji.grthree.both;
323   tsu_render;
324 endtsuglyph;
325
326 % extra "vertical line"
327 begintsuglyph("uni4E28";40); [see page 711]
328   kanji.radical.vline;
329   tsu_render;
330 endtsuglyph;
331
332 % naka/chuu "middle"
333 begintsuglyph("uni4E2D";45); [see page 445]
334   kanji.grone.middle;

```

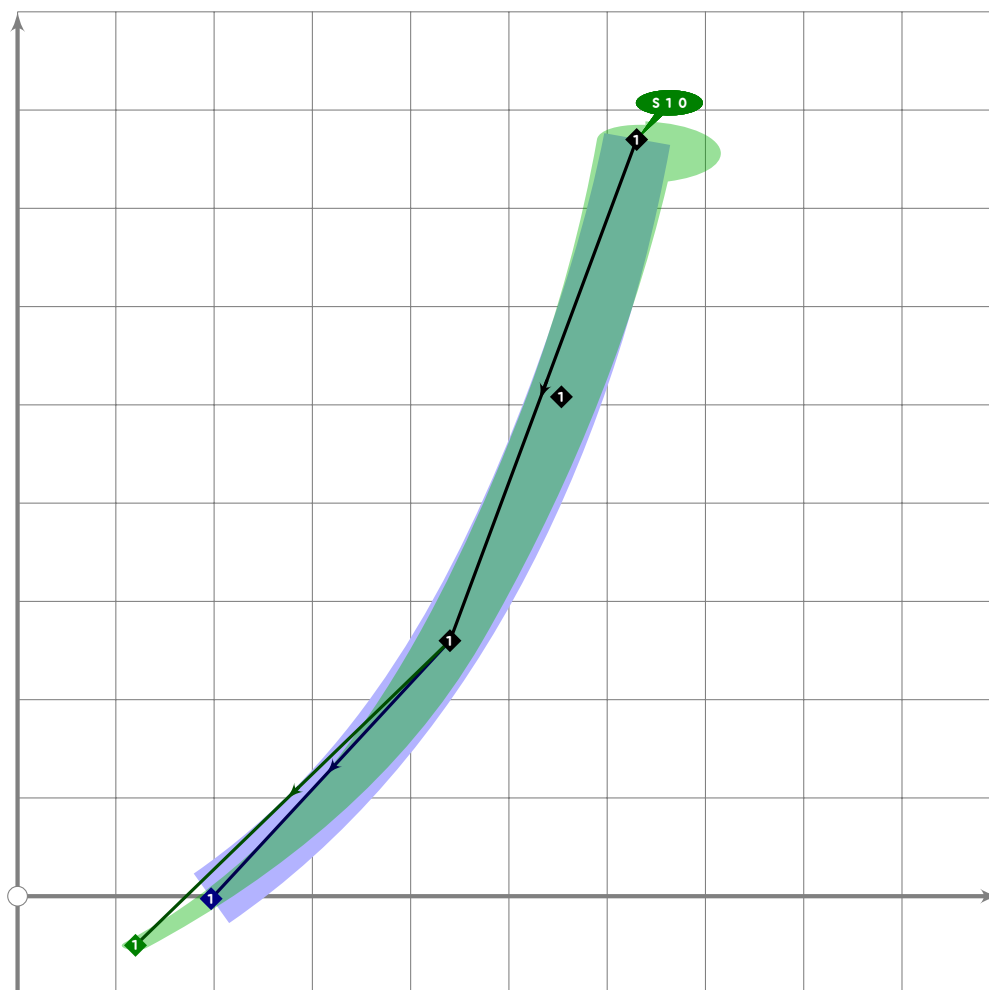
```

335 tsu_render;
336 endtsuglyph;
337
338 % maru "circle"
339 begintsuglyph("uni4E38";56);
340 kanji.grtwo.circle;
341 tsu_render;
342 endtsuglyph;
343
344 % shu/nushi "master"
345 begintsuglyph("uni4E3B";59);
346 kanji.grthree.master;
347 tsu_render;
348 endtsuglyph;
349

```

[see page 487]

[see page 581]



```

350 % diagonal stroke (like katakana "no") for use in decomposition dictionary
351 begintsuglyph("uni4E3F";63);
352 push_stroke(((630,770)..tension 1.2..(440,260)..(120,-50),
353   (1,6,1,6)-(1,4,1,4)-(0,9,0,9));
354 set_boserif(0,0,10);
355 tsu_render;

```

```

356 endtsuglyph;
357
358 % sa/naga "notwithstanding" (needed for tsuku "make")
359 begintsuglyph("uni4E4D";77); [see page 830]
360 kanji.rare.notwithstanding;
361 tsu_render;
362 endtsuglyph;
363
364 % shou/no "ride"
365 begintsuglyph("uni4E57";87); [see page 1762]
366 kanji.grthree.ride;
367 tsu_render;
368 endtsuglyph;
369
370 % extra (needed as component)
371 begintsuglyph("uni4E5A";90); [see page 829]
372 kanji.rare.mysterious;
373 tsu_render;
374 endtsuglyph;
375
376 % kyuu/kokono "nine"
377 begintsuglyph("uni4E5D";93); [see page 450]
378 kanji.grone.nine;
379 tsu_render;
380 endtsuglyph;
381
382 % ya/nari "to be" (archaic)
383 begintsuglyph("uni4E5F";95); [see page 794]
384 kanji.grnine.to_be;
385 tsu_render;
386 endtsuglyph;
387
388 % ran/mida "riot"
389 begintsuglyph("uni4E71";113); [see page 1769]
390 kanji.grsix.riot;
391 tsu_render;
392 endtsuglyph;
393
394 % ryou "completion"
395 begintsuglyph("uni4E86";134); [see page 1770]
396 kanji.greight.completion;
397 tsu_render;
398 endtsuglyph;
399
400 % yo/arakaji "before"
401 begintsuglyph("uni4E88";136); [see page 558]
402 kanji.grthree.before;
403 tsu_render;

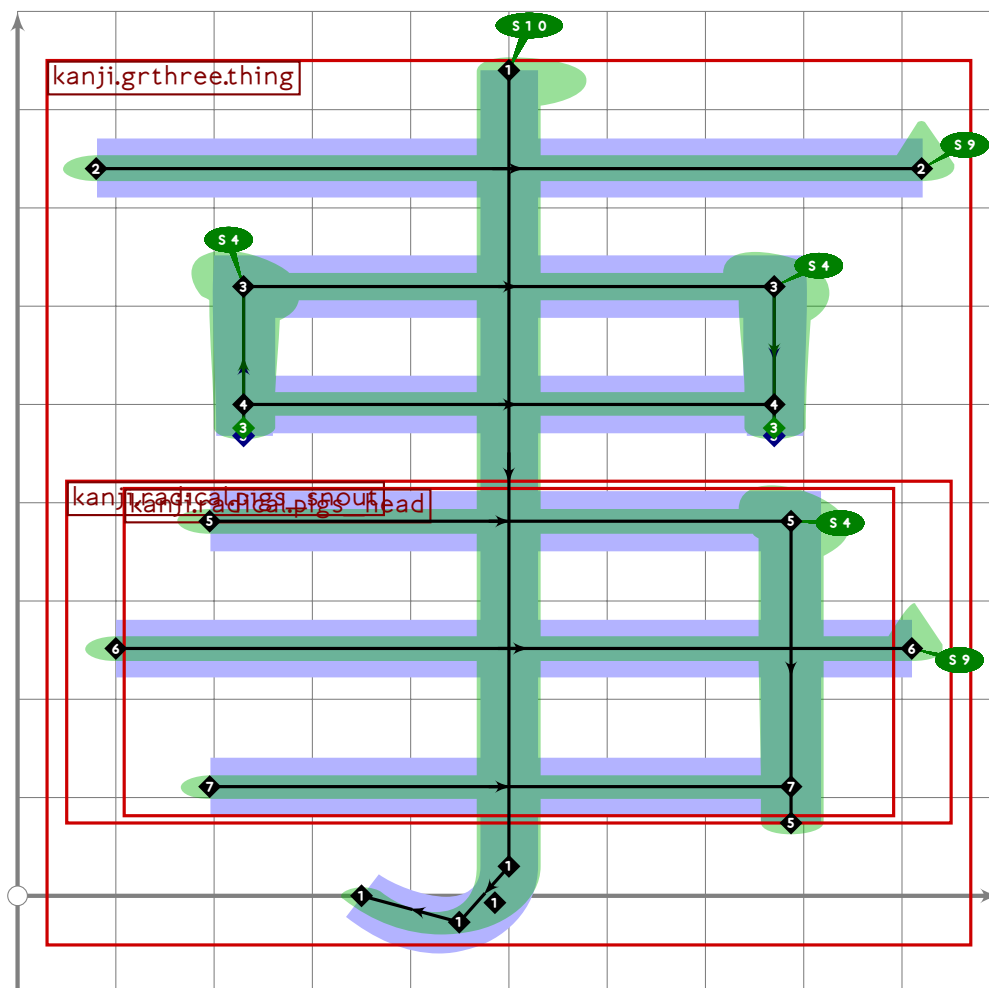
```

```

404 endtsuglyph;
405
406 % sou/ika "dispute"
407 begintsuglyph("uni4E89",137);
408   kanji.grfour.dispute;
409   tsu_render;
410 endtsuglyph;
411

```

[see page 611]



```

412 % ji/koto "thing"
413 begintsuglyph("uni4E8B",139);
414   kanji.grthree.thing;
415   tsu_render;
416 endtsuglyph;
417
418 % ni/futa "two"
419 begintsuglyph("uni4E8C",140);
420   kanji.grone.two;
421   tsu_render;
422 endtsuglyph;
423
424 % u "deficient"

```

[see page 473]

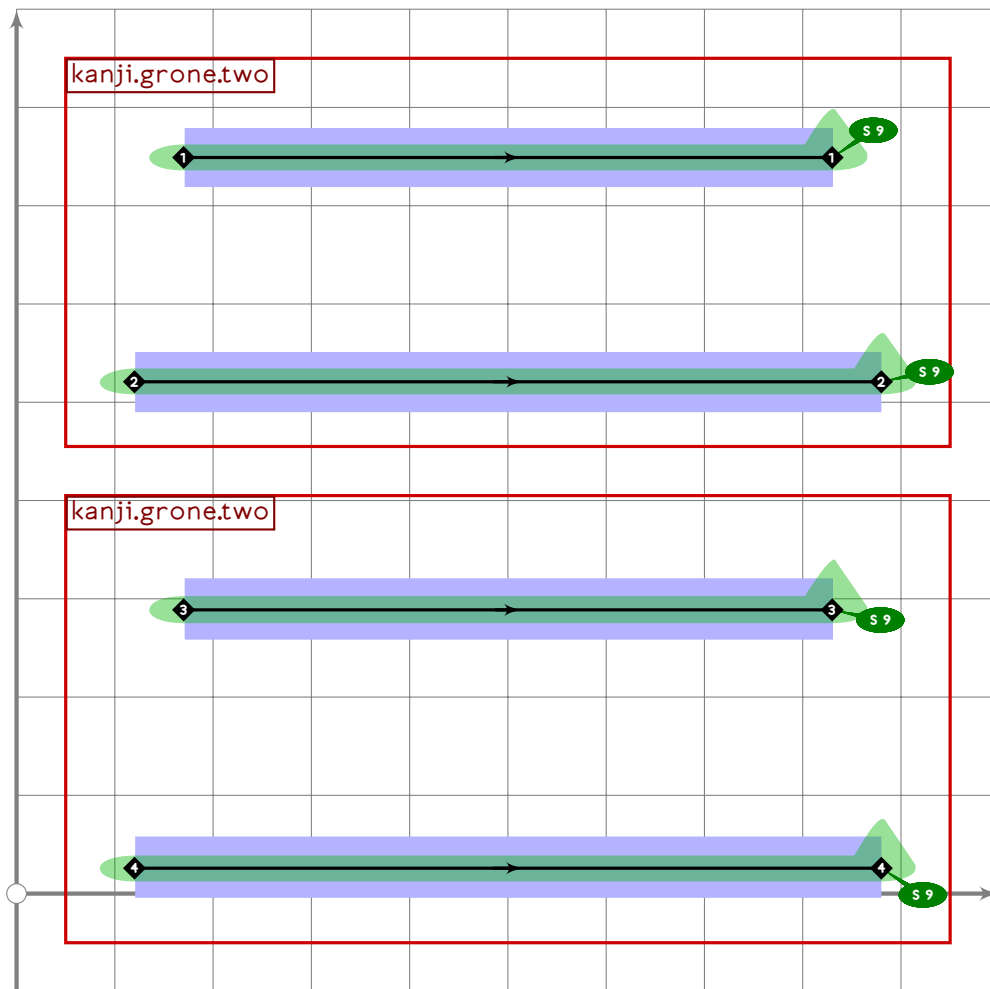
```
425 begintsuglyph("uni4E8F";143);
426   kanji.rare.deficient;
427   tsu_render;
428 endtsuglyph;
429
430 % un/i "say"
431 begintsuglyph("uni4E91";145);
432   kanji.grnine.declaim;
433   tsu_render;
434 endtsuglyph;
435
436 % go/itsu "five"
437 begintsuglyph("uni4E94";148);
438   kanji.grone.five;
439   tsu_render;
440 endtsuglyph;
441
442 % sei/i "well" (water supply)
443 begintsuglyph("uni4E95";149);
444   kanji.greight.well;
445   tsu_render;
446 endtsuglyph;
447
```

[see page 812]

[see page 776]

[see page 433]

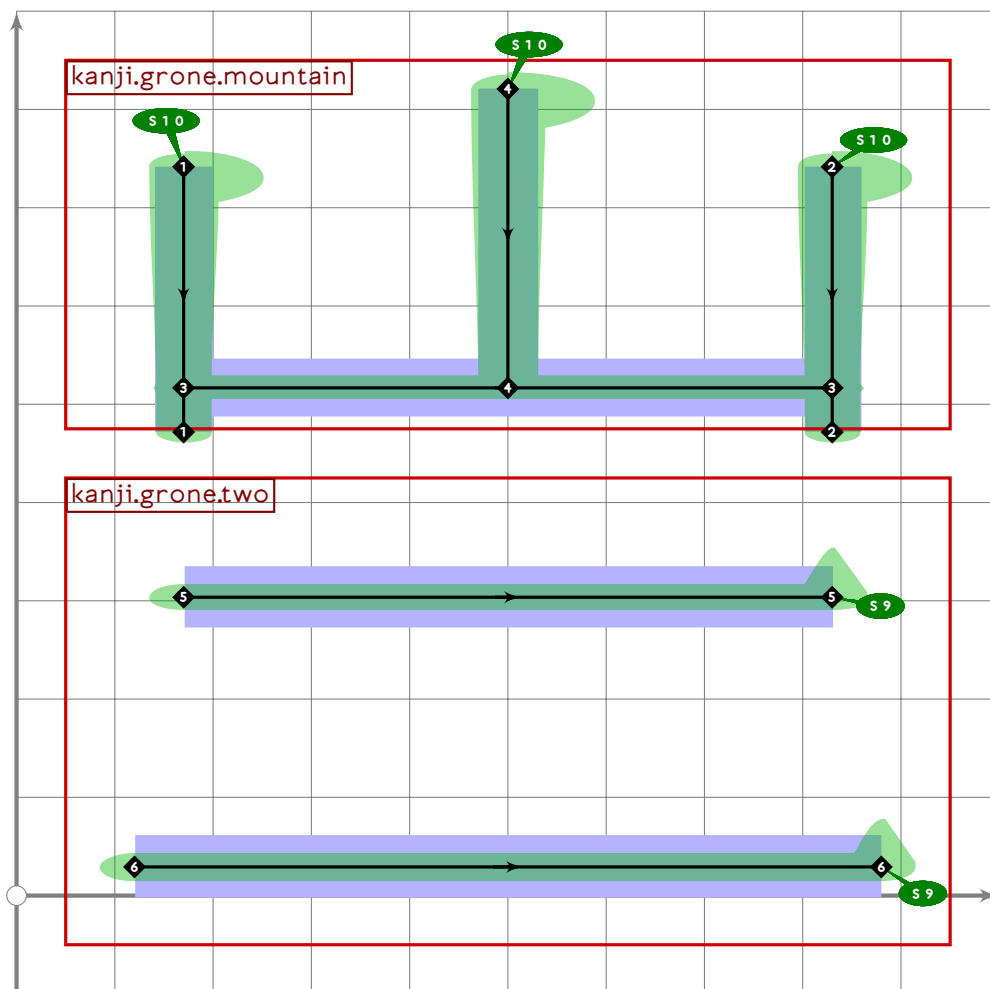
[see page 768]



```

448 % extra
449 begintsuglyph("uni4E96",150);
450   build_kanji.tb(430,-50)
451     (kanji.grone.two)
452     (kanji.grone.two);
453   tsu_render;
454 endtsuglyph;
455

```



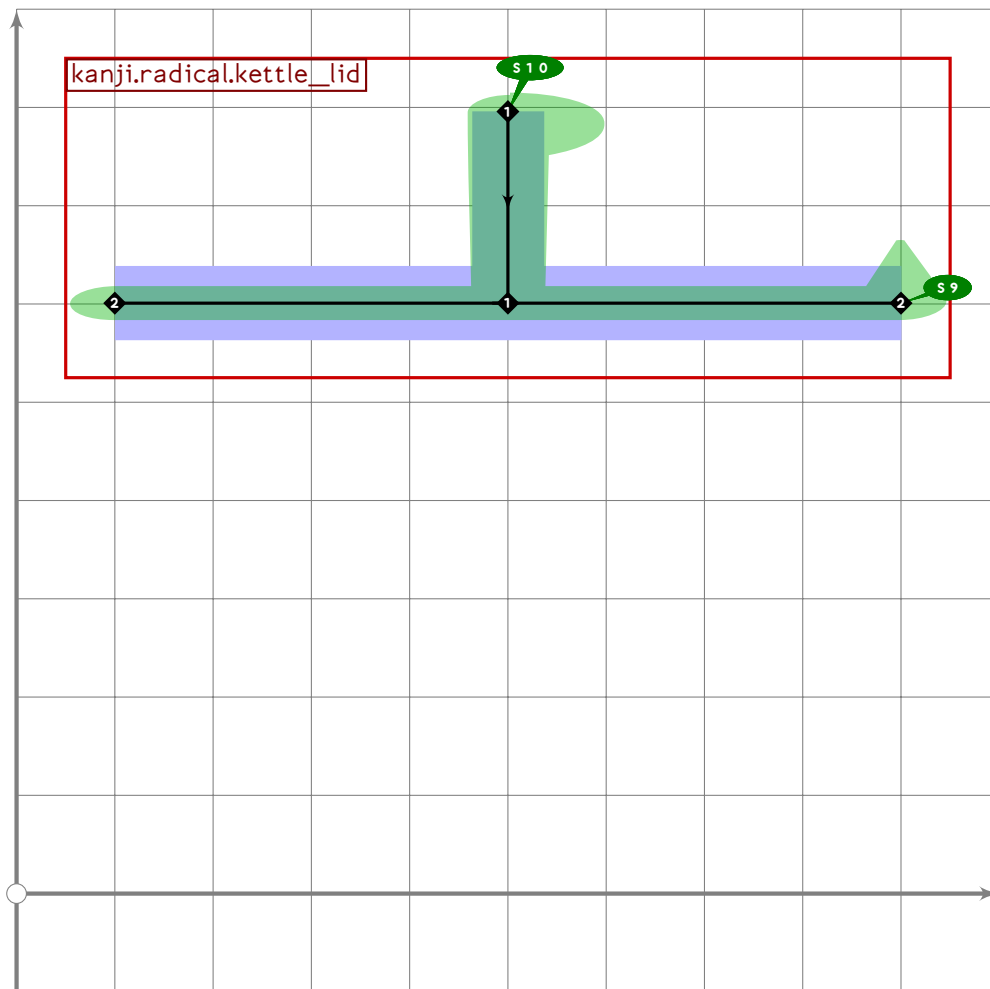
```

456 % extra
457 begintsuglyph("uni4E97";151);
458   build_kanji.tb(450;-50)
459     (kanji.grone.mountain)
460     (kanji.grone.two);
461   tsu_render;
462 endtsuglyph;
463
464 % a/tsu "sub-" (also, "-ous, lower oxidation state")
465 begintsuglyph("uni4E9C";156);
466   kanji.greight.prefix_sub;
467   tsu_render;
468 endtsuglyph;
469

```

[see page 756]





```

470 % "kettle lid radical"
471 begintsuglyph("uni4EA0";160);
472   build_kanji.tb(500;50)
473     (kanji.radical.kettle_lid)
474     ();
475   tsu_render;
476 endtsuglyph;
477
478 % bou/na "dead"
479 begintsuglyph("uni4EA1";161);
480   kanji.grsix.dead;
481   tsu_render;
482 endtsuglyph;
483
484 % kou/takaburu "high spirits"
485 begintsuglyph("uni4EA2";162);
486   kanji.rare.high_spirits;
487   tsu_render;
488 endtsuglyph;
489
490 % kou/maji "mix"

```

[see page 653]

[see page 819]

491 begintsuglyph("uni4EA4";164);

[see page 523]

492 kanji.grtwo.mix;

493 tsu\_render;

494 endtsuglyph;

495

496 % eki/mata "again"

497 begintsuglyph("uni4EA6";166);

[see page 770]

498 kanji.grnine.again;

499 tsu\_render;

500 endtsuglyph;

501

502 % kou "undergo" (rarer form)

503 begintsuglyph("uni4EA8";168);

[see page 1773]

504 kanji.grnine.undergo;

505 tsu\_render;

506 endtsuglyph;

507

508 % kyou "undergo" (more common form)

509 begintsuglyph("uni4EAB";171);

[see page 1771]

510 kanji.greight.undergo;

511 tsu\_render;

512 endtsuglyph;

513

514 % kyou "capital"

515 begintsuglyph("uni4EAC";172);

[see page 485]

516 kanji.grtwo.capital;

517 tsu\_render;

518 endtsuglyph;

519

520 % tei "head of household"

521 begintsuglyph("uni4EAD";173);

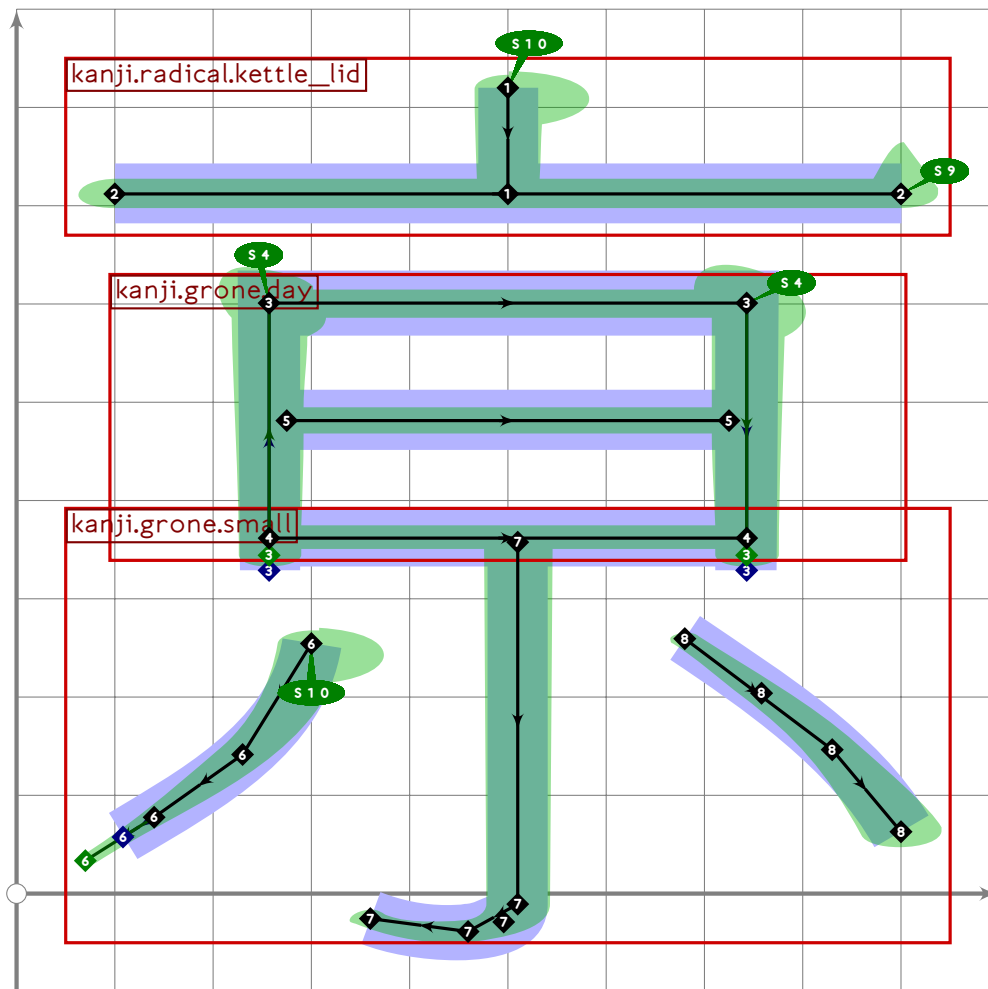
[see page 744]

522 kanji.greight.head\_of\_household;

523 tsu\_render;

524 endtsuglyph;

525–526

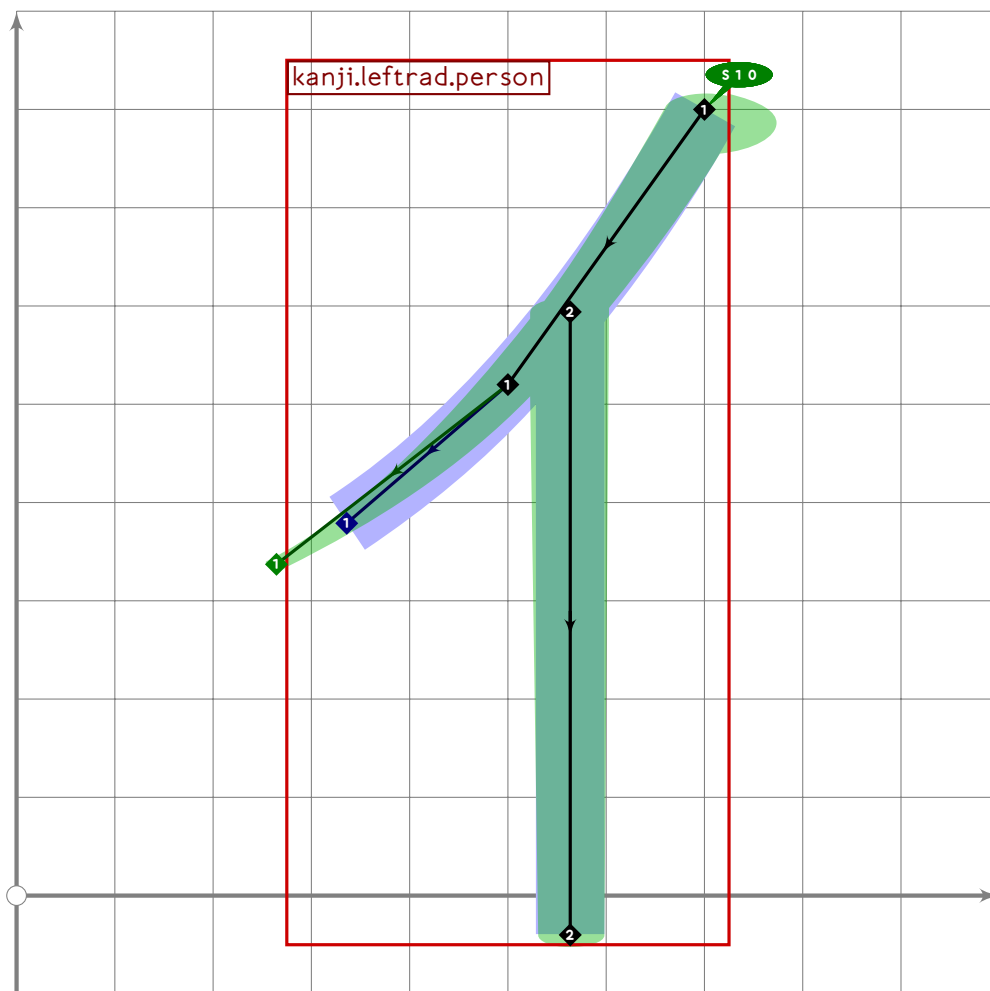


```

527 % extra "capital"
528 begintsuglyph("uni4EB0";176);
529   build_kanji.level(build_kanji.tb(650,-40)
530     (kanji.radical.kettle_lid)
531     (build_kanji.tb(500,70)
532       (build_kanji.sscale(xscaled 0.9)(kanji.grone.day))
533       (kanji.grone.small)));
534   set_boserif(-1,0,whatever);
535   tsu_render;
536 endtsuglyph;
537
538 % hito/jin "person"
539 begintsuglyph("uni4EBA";186);
540   kanji.grone.person;
541   tsu_render;
542 endtsuglyph;
543

```

[see page 455]



```

544 % hito/jin "person" as radical
545 begintsuglyph("uni4EBB";187);
546   build_kanji.sscale(xscaled 0.5)(kanji.leftrad.person);
547   tsu_render;
548 endtsuglyph;
549
550 % juu "utensil"
551 begintsuglyph("uni4EC0";192);
552   kanji.rare.utensil;
553   tsu_render;
554 endtsuglyph;
555
556 % jin "benevolence"
557 begintsuglyph("uni4EC1";193);
558   kanji.grsix.benevolence;
559   tsu_render;
560 endtsuglyph;
561
562 % "surplus or excess"
563 begintsuglyph("uni4EC2";194);
564   kanji.rare.surplus;

```

[see page 1776]

[see page 1768]

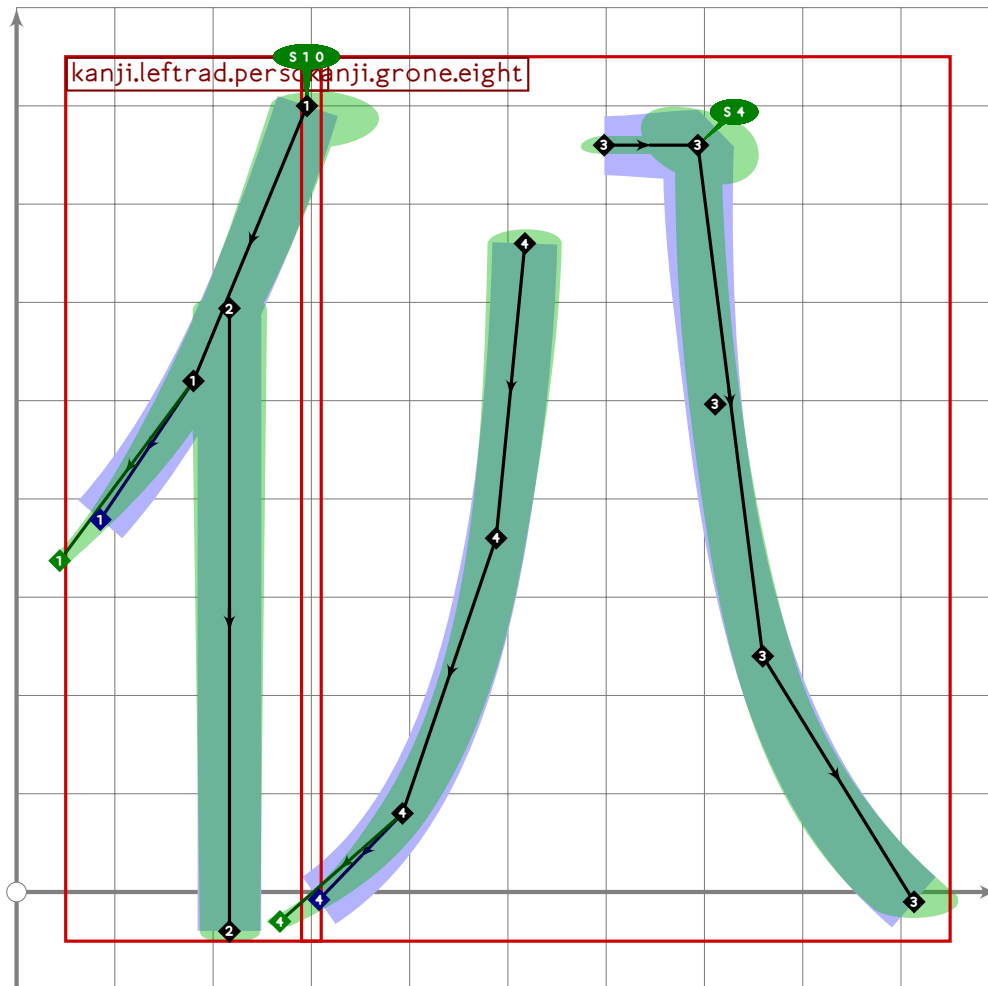
[see page 1775]

```

565 tsu_render;
566 endtsuglyph;
567
568 % ada "enemy"
569 begintsuglyph("uni4EC7";199);
570 kanji.reference.enemy;
571 tsu_render;
572 endtsuglyph;
573

```

[see page 1774]



```

574 % extra
575 begintsuglyph("uni4EC8";200);
576 build_kanji.lr(300,20)
577   (kanji.leftrad.person)
578   (kanji.grone.eight);
579 tsu_render;
580 endtsuglyph;
581
582 % kon/ima "now"
583 begintsuglyph("uni4ECA";202);
584 kanji.grtwo.now;
585 tsu_render;

```

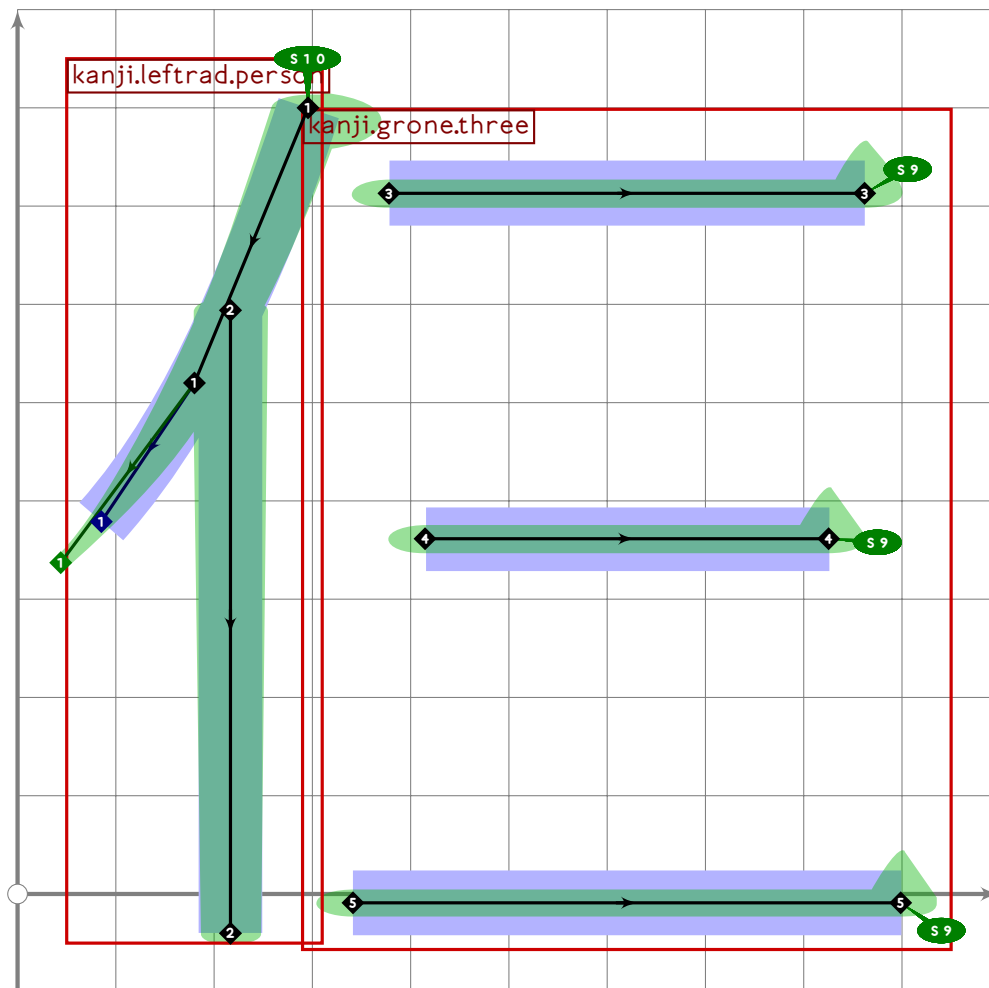
[see page 530]

586 endtsuglyph;  
 587  
 588 % kai "mediate"  
 589 begintsuglyph("uni4ECB";203); [see page 749]  
 590 kanji.greight.mediate;  
 591 tsu\_render;  
 592 endtsuglyph;  
 593  
 594 % futsu/hotoke "France" or "Buddha"  
 595 begintsuglyph("uni4ECF";207); [see page 1766]  
 596 kanji.grfive.france;  
 597 tsu\_render;  
 598 endtsuglyph;  
 599  
 600 % ko "offspring"  
 601 begintsuglyph("uni4ED4";212); [see page 1772]  
 602 kanji.grnine.offspring;  
 603 tsu\_render;  
 604 endtsuglyph;  
 605  
 606 % shi/tsuka "serve"  
 607 begintsuglyph("uni4ED5";213); [see page 1763]  
 608 kanji.grthree.serve;  
 609 tsu\_render;  
 610 endtsuglyph;  
 611  
 612 % ta/hoka "other"  
 613 begintsuglyph("uni4ED6";214); [see page 586]  
 614 kanji.grthree.other;  
 615 tsu\_render;  
 616 endtsuglyph;  
 617  
 618 % fu/tsu "attach"  
 619 begintsuglyph("uni4ED8";216); [see page 602]  
 620 kanji.grfour.attach;  
 621 tsu\_render;  
 622 endtsuglyph;  
 623  
 624 % sen "wizard"  
 625 begintsuglyph("uni4ED9";217); [see page 769]  
 626 kanji.greight.wizard;  
 627 tsu\_render;  
 628 endtsuglyph;  
 629  
 630 % dai/kawa "generation"  
 631 begintsuglyph("uni4EE3";227); [see page 1761]  
 632 kanji.grthree.generation;  
 633 tsu\_render;

```

634 endtsuglyph;
635
636 % rei "orders" (but usually part of honorific titles for family members)
637 begintsuglyph("uni4EE4";228); [see page 627]
638   kanji.grfour.orders;
639   tsu_render;
640 endtsuglyph;
641
642 % i/mo(tsu) "because" or "with regard to"
643 begintsuglyph("uni4EE5";229); [see page 601]
644   kanji.grfour.as;
645   tsu_render;
646 endtsuglyph;
647

```



```

648 % extra
649 begintsuglyph("uni4EE8";232);
650   build_kanji.lr(300,20)
651     (kanji.leftrad.person)
652     (build_kanji.sscale(shifted (0,30) yscaled 0.95)
653       (kanji.grone.three));
654   tsu_render;

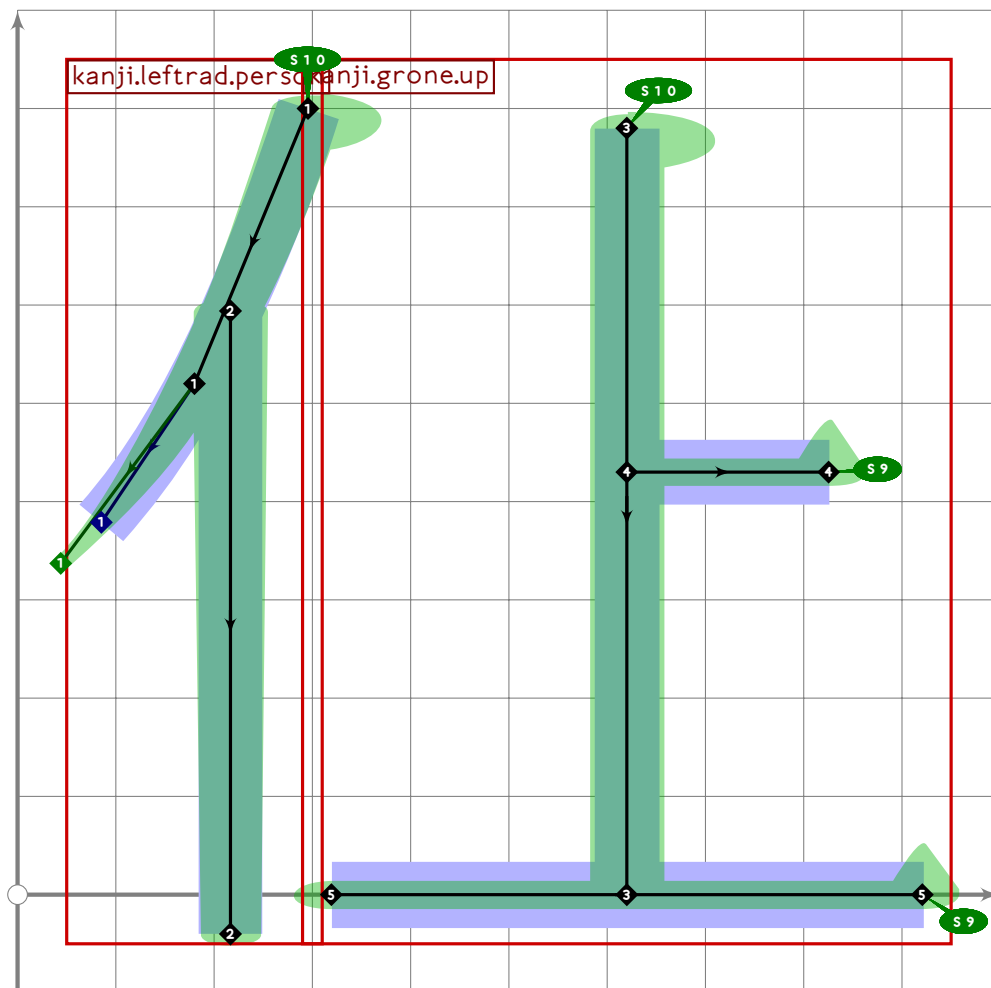
```

U+4EE9  
tsuku.uni4EE9

655 endtsuglyph;

656

4E



657 % extra

658 begintsuglyph("uni4EE9";233);

659 build\_kanji.lr(300,20)

660 (kanji.leftrad.person)

661 (kanji.grone.up);

662 tsu\_render;

663 endtsuglyph;

664

665 % ka/kari "temporary"

666 begintsuglyph("uni4EEE";238);

667 kanji.grfive.temporary;

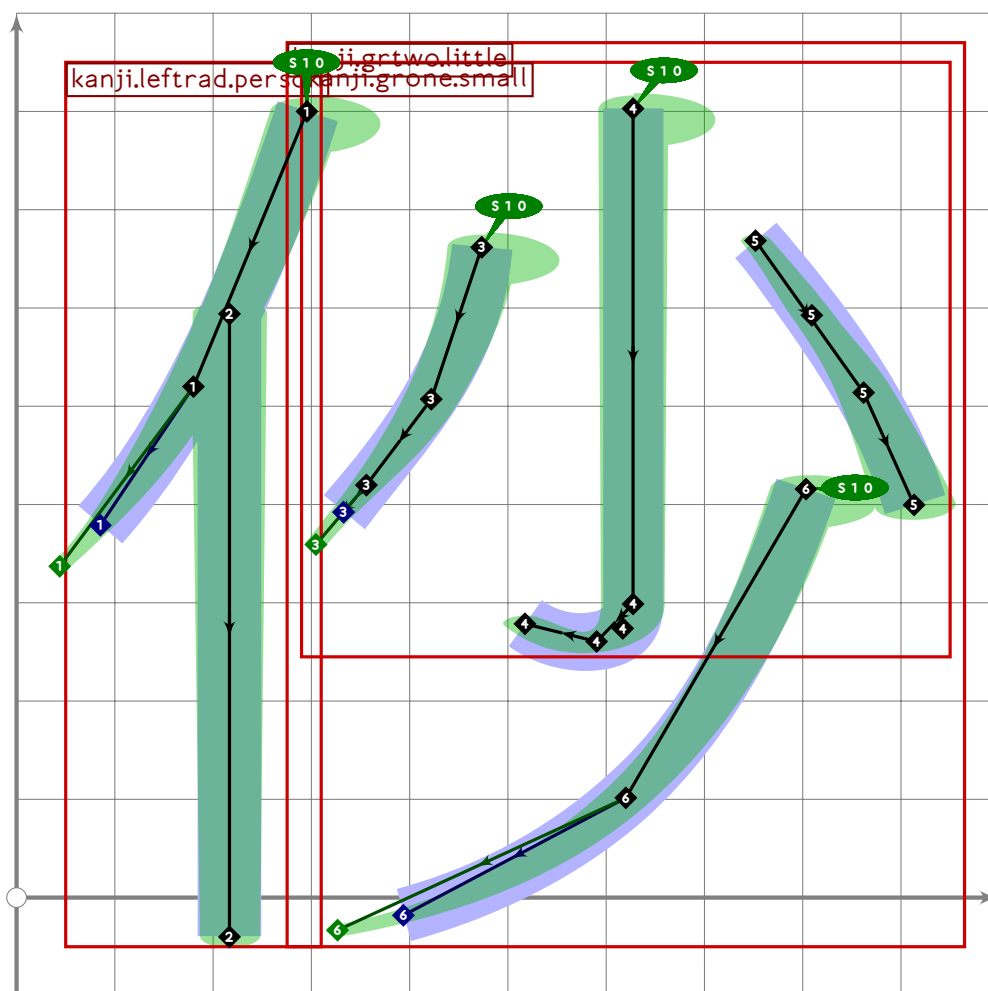
668 tsu\_render;

669 endtsuglyph;

670

[see page 1767]



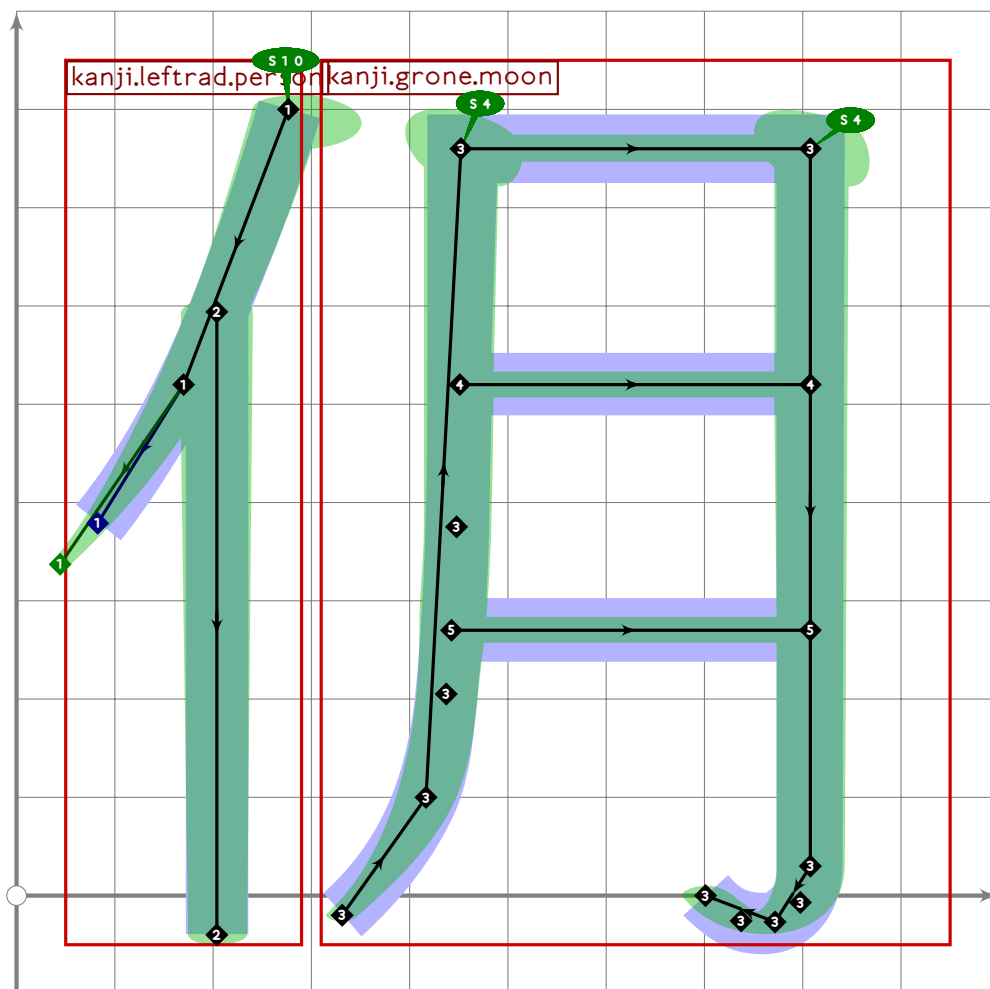


```

671 % extra
672 begintsuglyph("uni4EEF";239);
673   build_kanji.lr(300,20)
674     (kanji.leftrad.person)
675     (kanji.grtwo.little);
676   tsu_render;
677 endtsuglyph;
678
679 % naka/chuu "go-between"
680 begintsuglyph("uni4EF2";242);
681   kanji.grfour.go_between;
682   tsu_render;
683 endtsuglyph;
684

```

[see page 1764]



```

685 % extra
686 begintsuglyph("uni4EF4",244);
687   build_kanji.lr(300,-20)
688     (kanji.leftrad.person)
689     (kanji.grone.moon);
690   tsu_render;
691 endtsuglyph;
692
693 % ken/kudan "affair"
694 begintsuglyph("uni4EF6",246);
695   kanji.grfive.affair;
696   tsu_render;
697 endtsuglyph;
698
699 % nin/maka "responsibility"
700 begintsuglyph("uni4EFB",251);
701   kanji.grfive.responsibility;
702   tsu_render;
703 endtsuglyph;
704
705
```

[see page 1765]

[see page 645]

706

707 endfont;

708

709

---

4E

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

```
30
```

```
31
```

---

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input bottomrad.mp;
```

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

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

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

```
40 input gradefour.mp;
```

```
41 input gradenine.mp;
```

```
42 input gradeone.mp;
```

```
43 input gradesix.mp;
```

```
44 input gradethree.mp;
```

```
45 input gradetwo.mp;
```

```
46 input leftrad.mp;
```

```
47 input radical.mp;
```

```
48 input rare.mp;
```

```
49 input rightrad.mp;
```

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

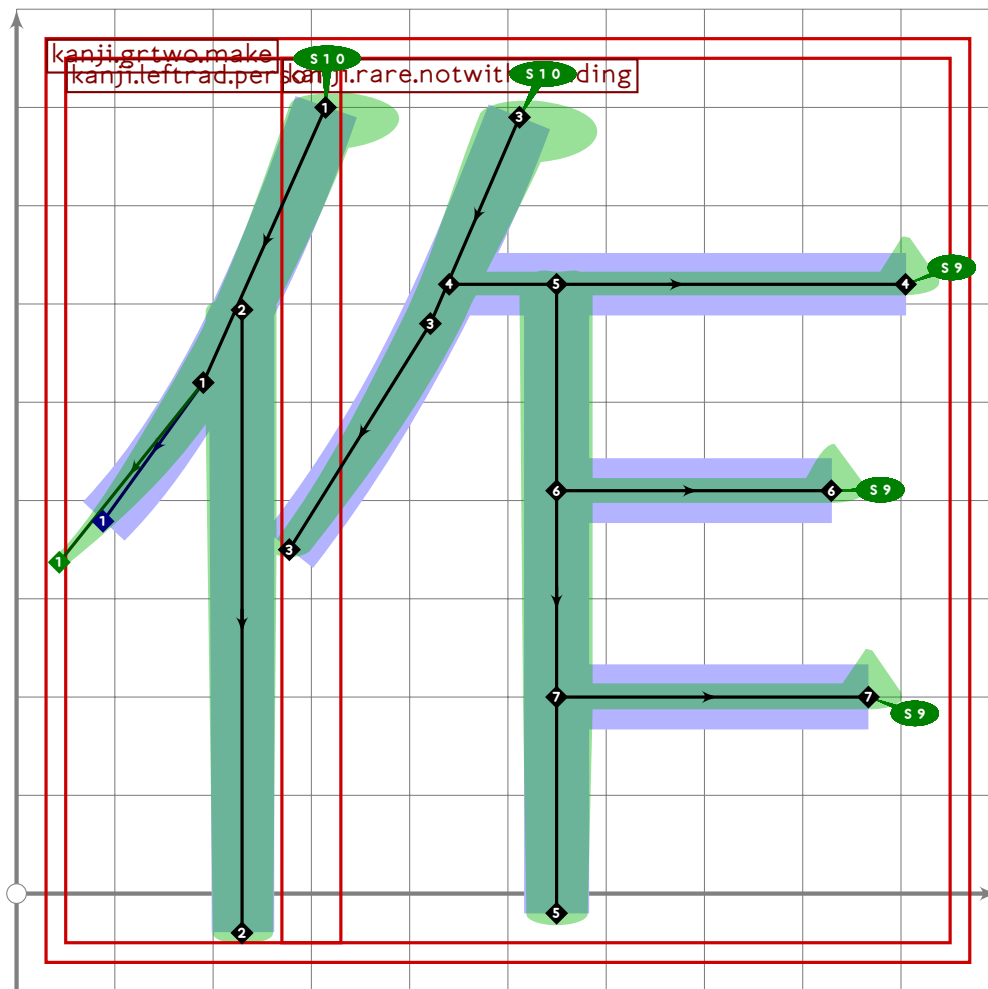
```
51
```

```
52 do_late_includes;
```

```
53
```

```
54
```

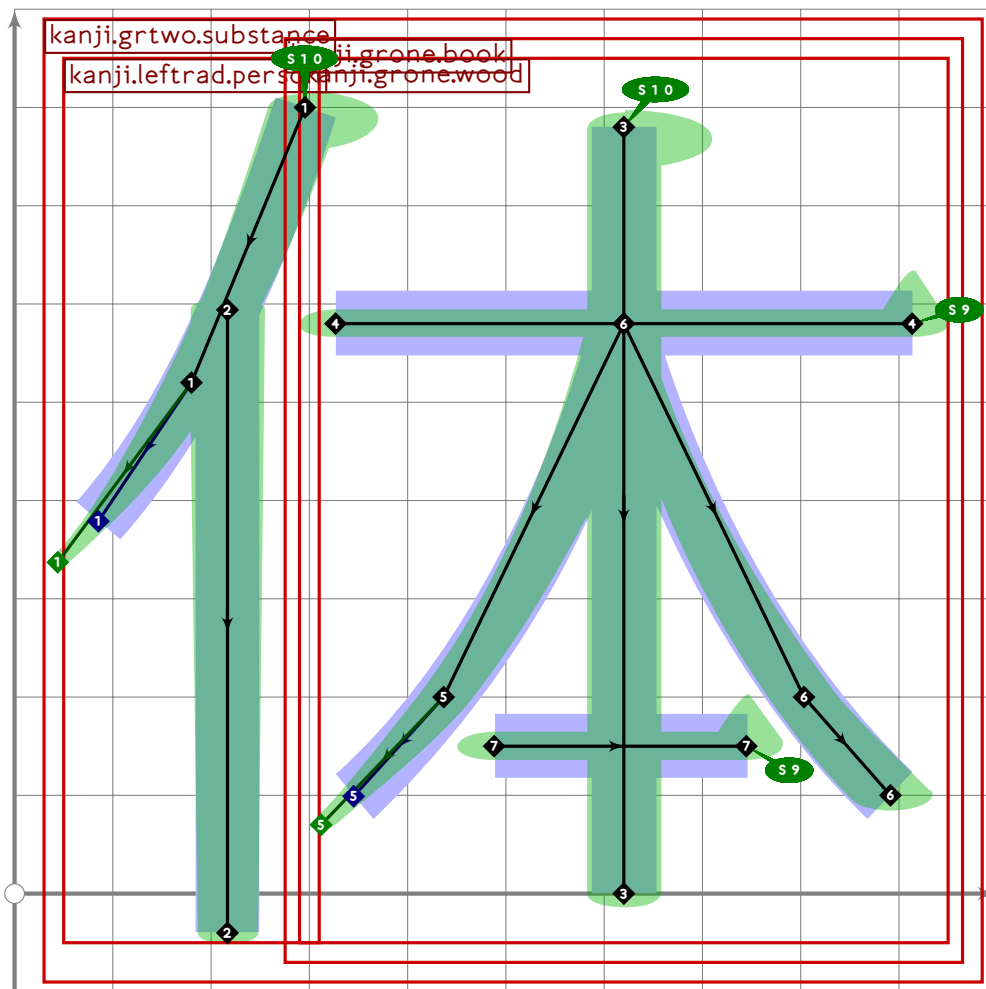
---



```

55
56 vardef kanji.grtwo.make =
57   push_pbox_toexpand("kanji.grtwo.make");
58   build_kanji.lr(300,60)
59     (kanji.leftrad.person)
60     (kanji.rare.notwithstanding);
61   expand_pbox;
62 enddef;

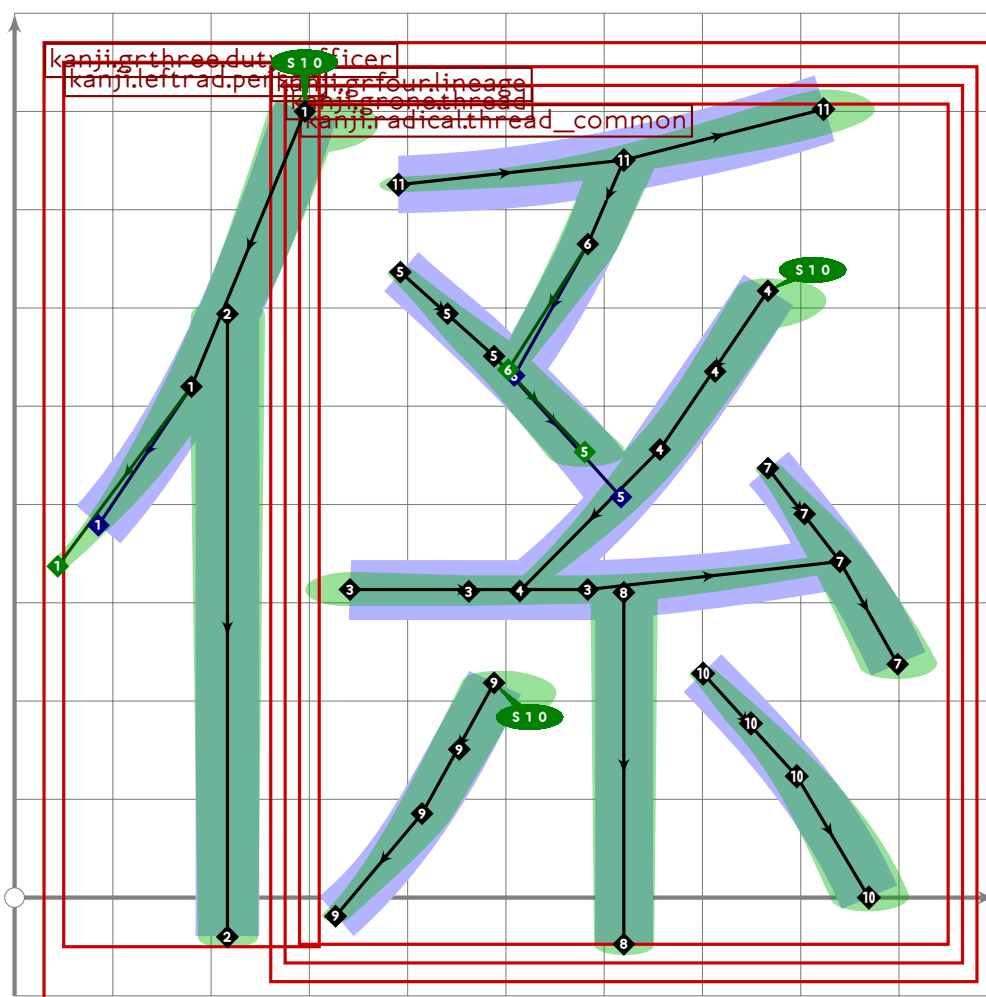
```



```

63
64 vardef kanji.grtwo.substance =
65   push_pbox_toexpand("kanji.grtwo.substance");
66   build_kanji.lr(300,20)
67     (kanji.leftrad.person)
68     (kanji.grone.book);
69   expand_pbox;
70 enddef;
71
72

```



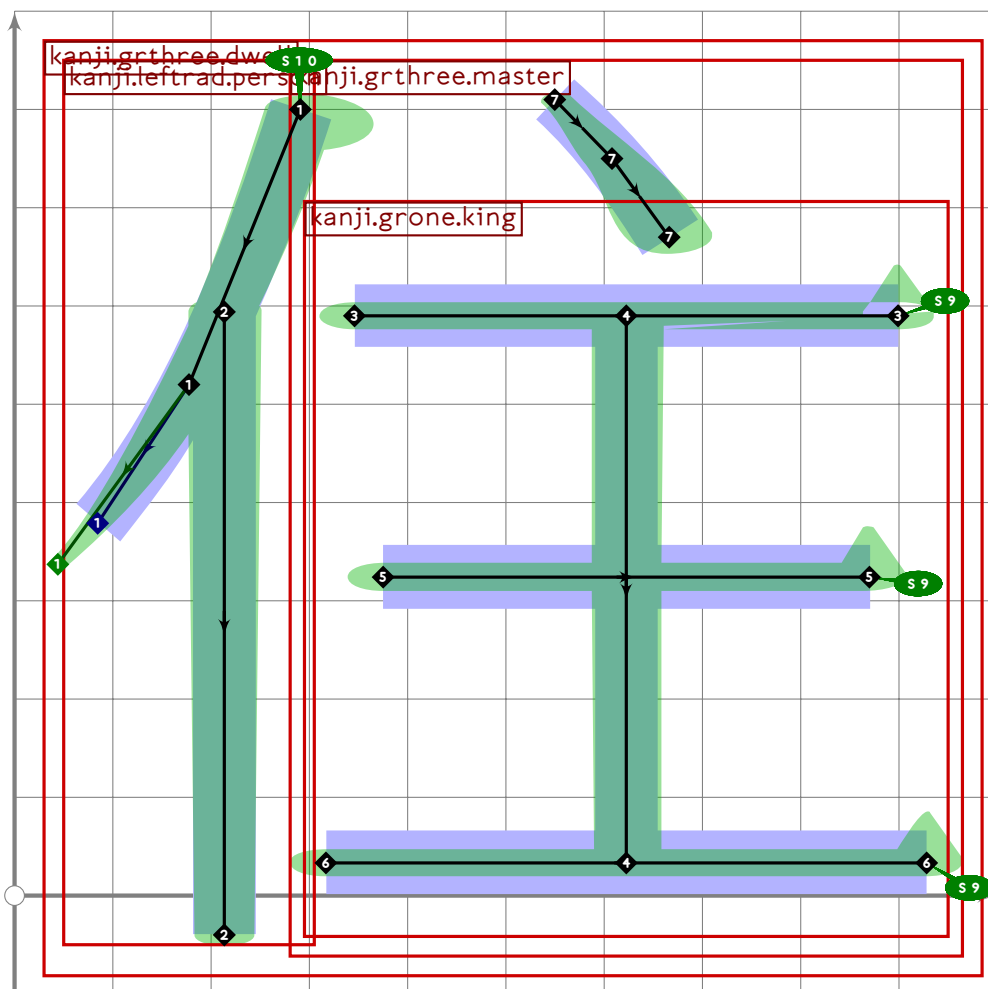
```

73
74 vardef kanji.grthree.duty_officer =
75   push_pbox_toexpand("kanji.grthree.duty_officer");
76   build_kanji.lr(300,20)
77     (kanji.leftrad.person)
78     (tsu_xform(identity yscaled 0.95)(kanji.grfour.lineage));
79   expand_pbox;
80 enddef;

```

U+4F4F  
tsuku.uni4F4F

4F

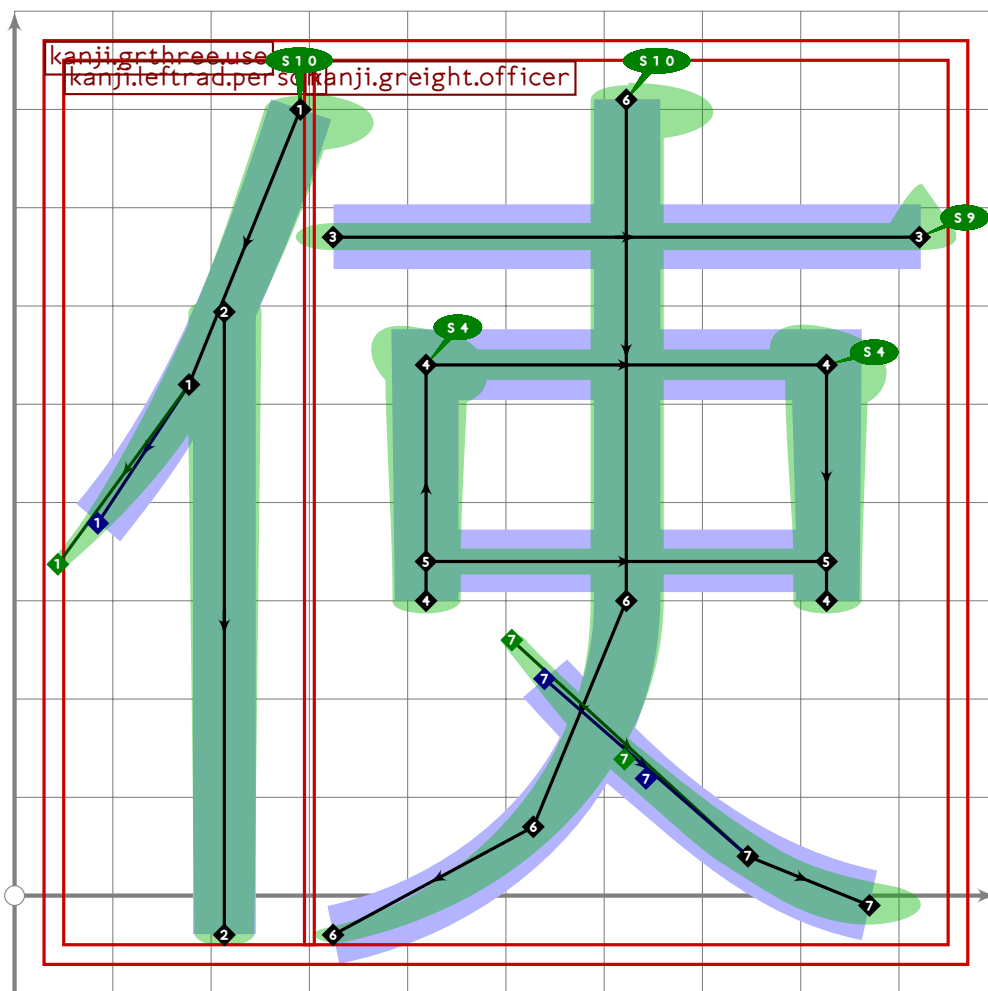


```

81
82 vardef kanji.grthree.dwell =
83   push_pbox_toexpand("kanji.grthree.dwell");
84   build_kanji.lr(300,10)
85     (kanji.leftrad.person)
86     (kanji.grthree.master);
87   expand_pbox;
88 enddef;

```





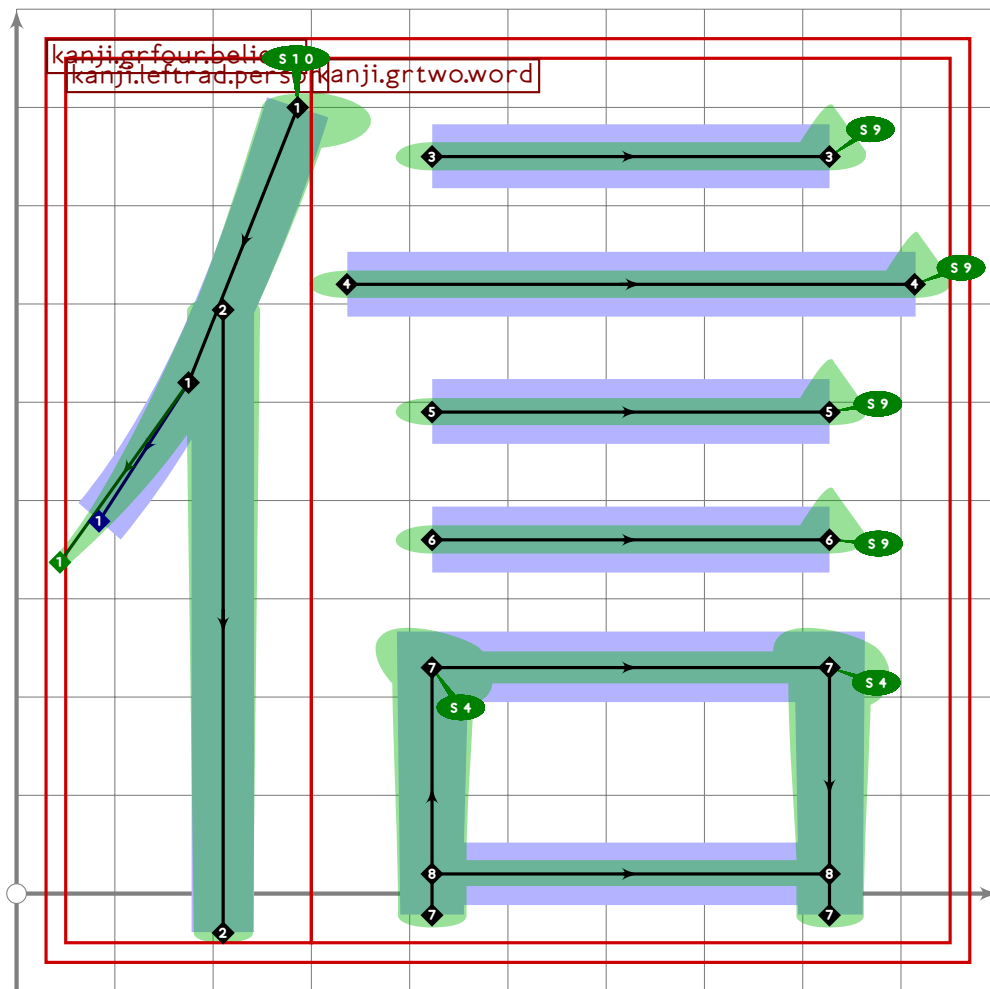
```

89
90 vardef kanji.grthree.use =
91   push_pbox_toexpand("kanji.grthree.use");
92   build_kanji.lr(300,10)
93     (kanji.leftrad.person)
94     (kanji.greight.officer);
95   expand_pbox;
96 enddef;
97
98

```

U+4FE1  
tsuku.uni4FE1

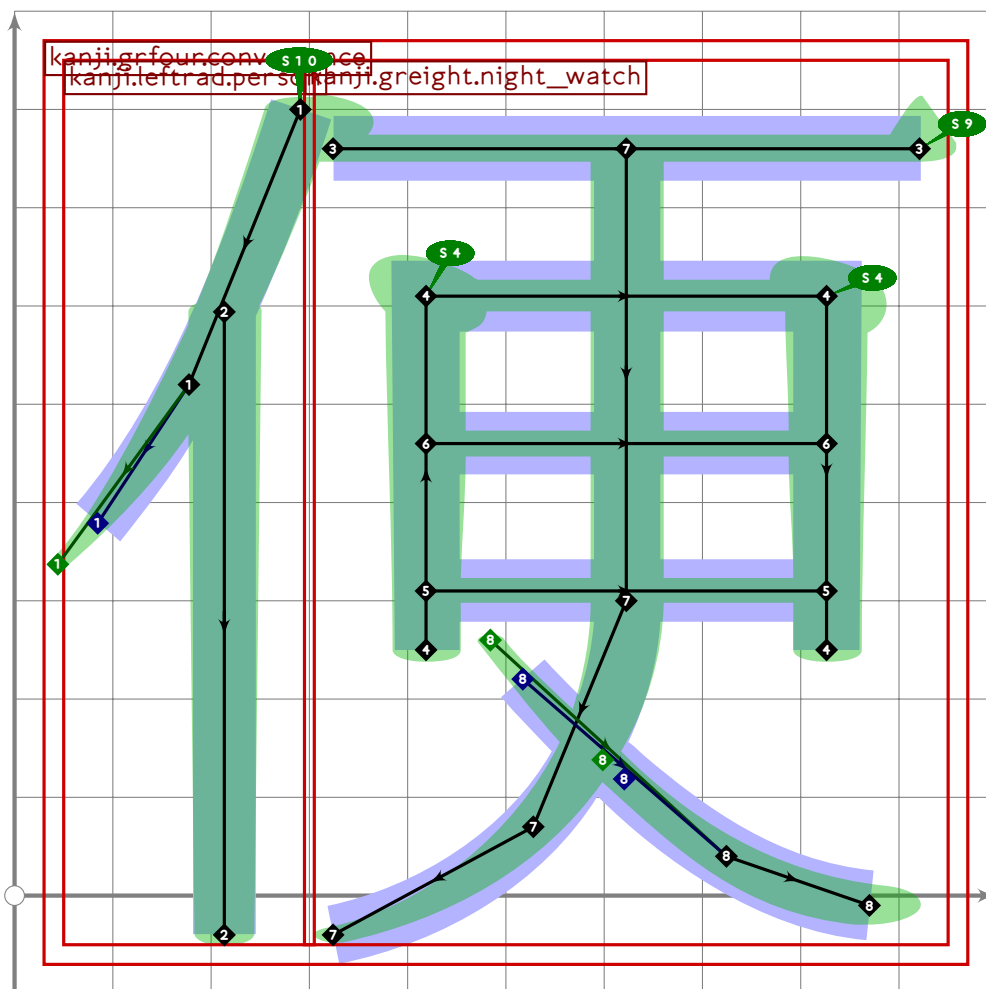
4F



```

99
100 vardef kanji.grfour.believe =
101   push_pbox_toexpand("kanji.grfour.believe");
102   build_kanji.lr(300,0)
103     (kanji.leftrad.person)
104     (kanji.grtwo.word);
105   expand_pbox;
106 enddef;

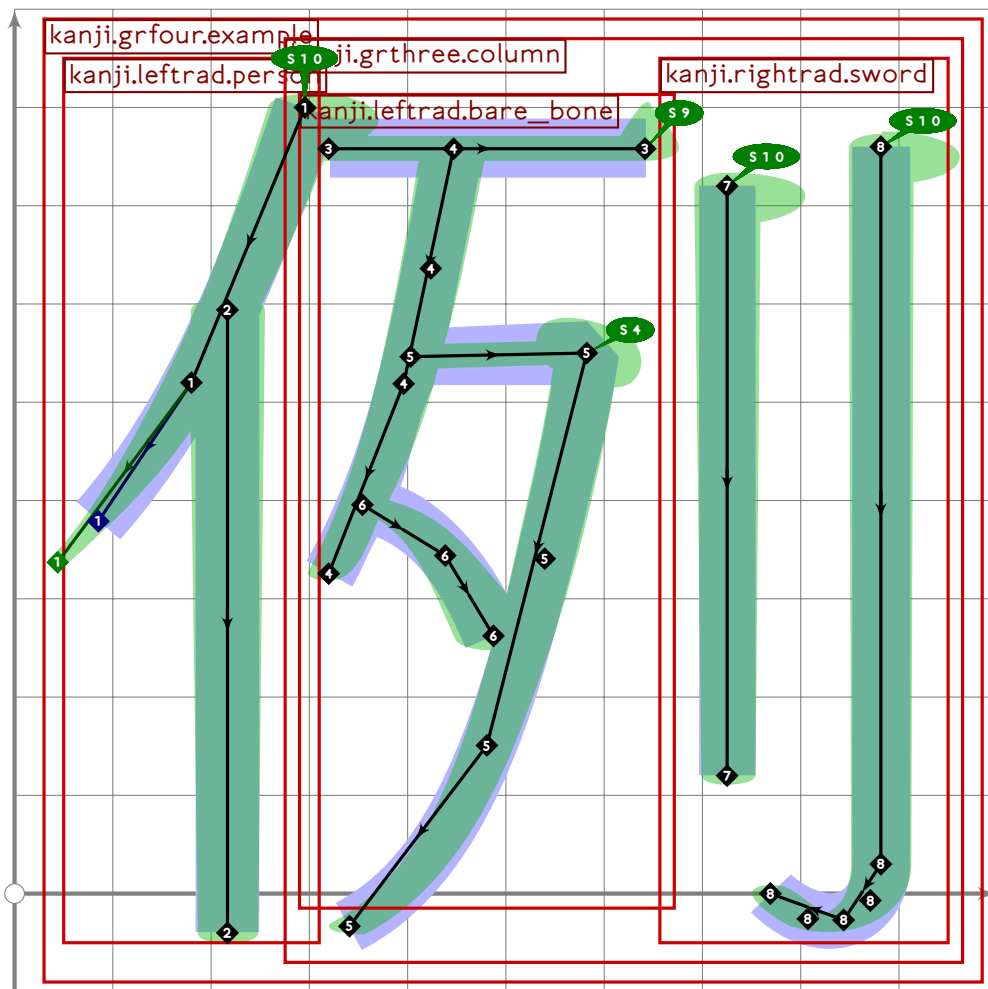
```



```

107
108 vardef kanji.grfour.convenience =
109   push_pbox_toexpand("kanji.grfour.convenience");
110   build_kanji.lr(300,10)
111     (kanji.leftrad.person)
112     (kanji.greight.night_watch);
113   expand_pbox;
114 enddef;

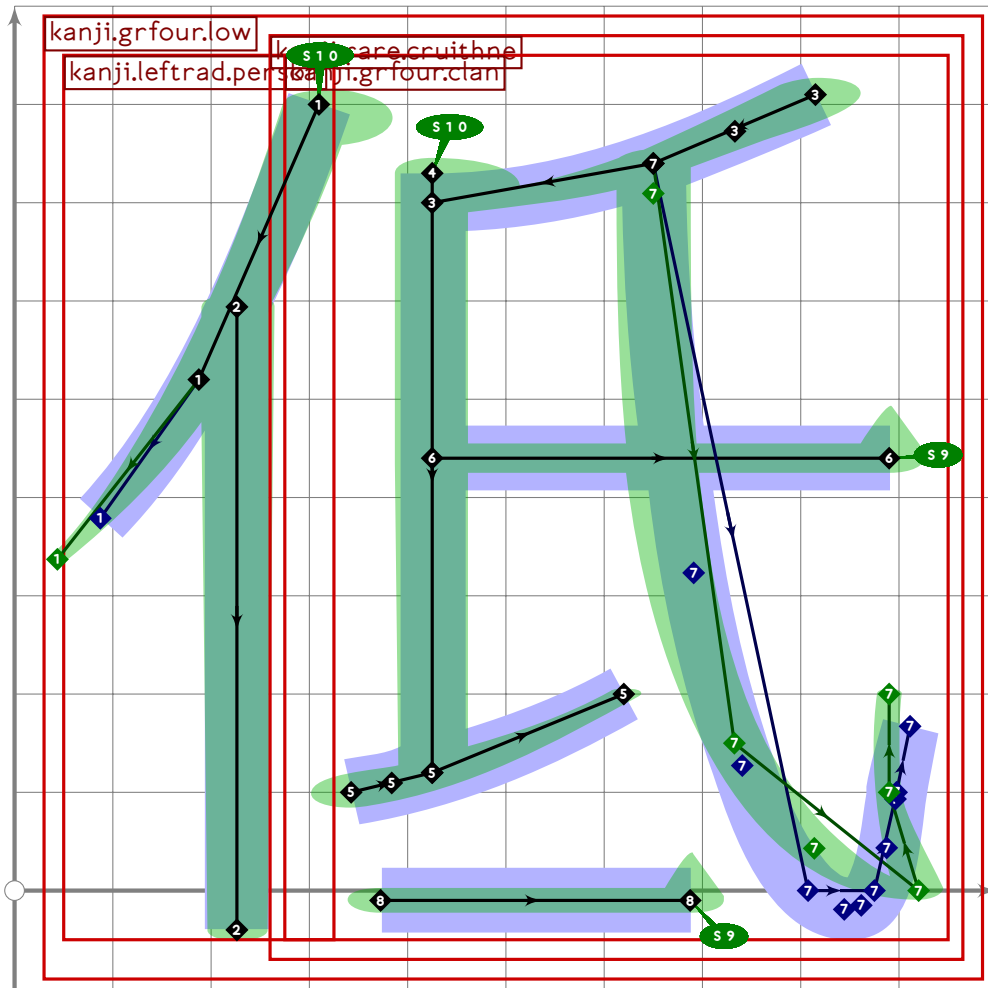
```



```

115
116 vardef kanji.grfour.example =
117   push_pbox_toexpand("kanji.grfour.example");
118   build_kanji.lr(300,20)
119     (kanji.leftrad.person)
120     (kanji.grthree.column);
121   expand_pbox;
122 enddef;

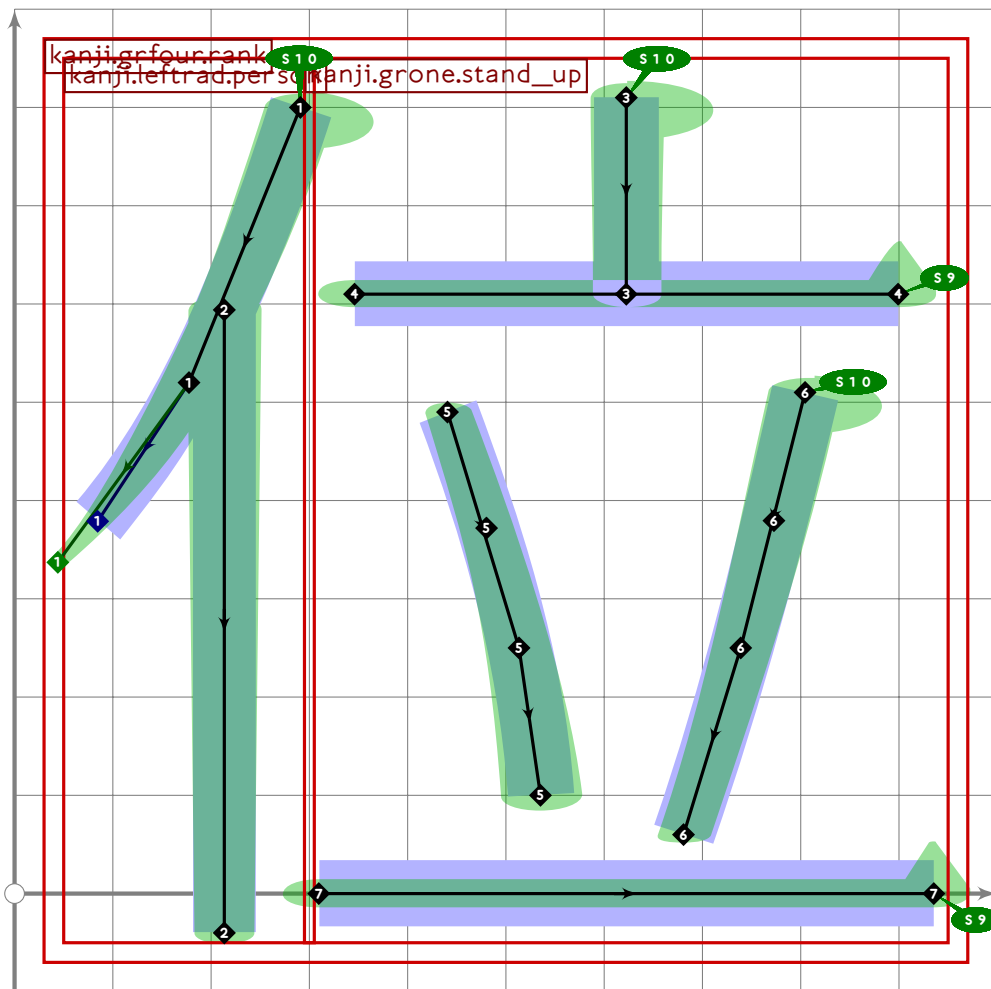
```



```

123
124 vardef kanji.grfour.low =
125   push_pbox_toexpand("kanji.grfour.low");
126   build_kanji.lr(300,50)
127     (kanji.leftrad.person)
128     (kanji.rare.cruithne);
129   expand_pbox;
130 enddef;

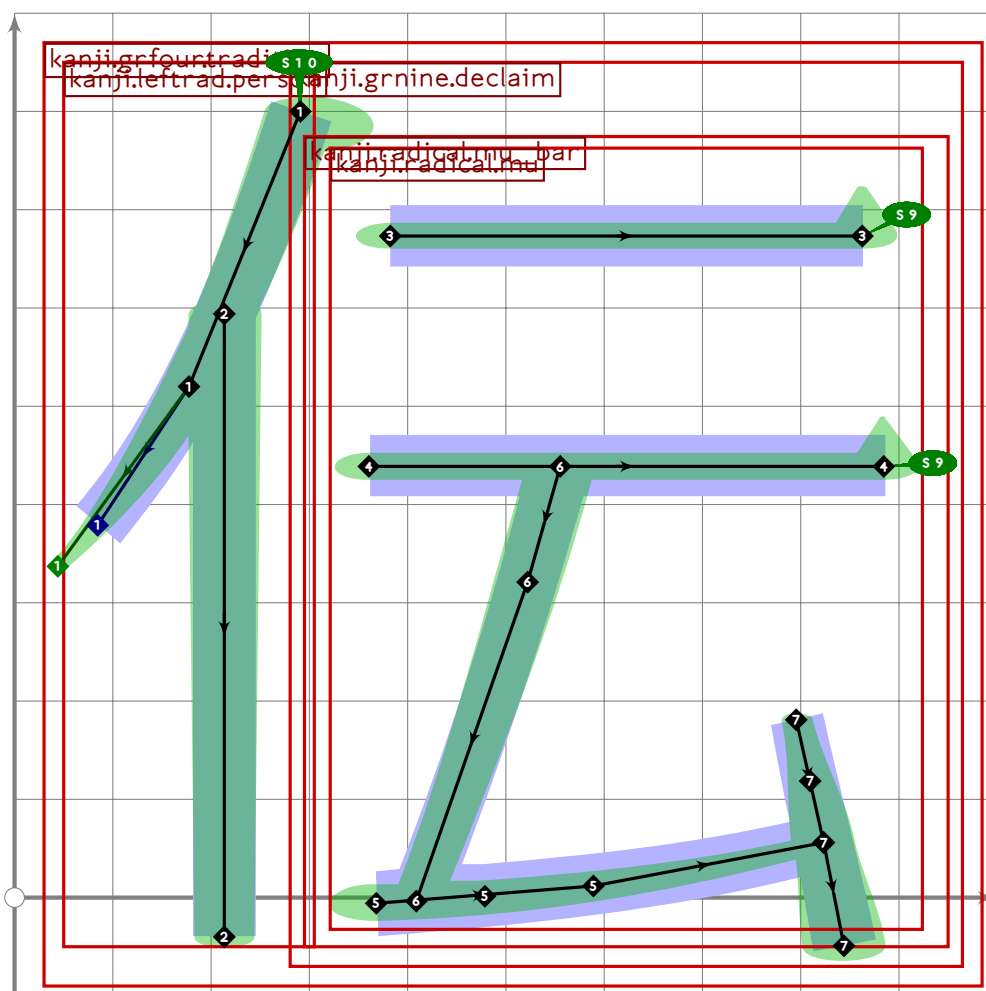
```



```

131
132 vardef kanji.grfour.rank =
133   push_pbox_toexpand("kanji.grfour.rank");
134   build_kanji.lr(300,10)
135     (kanji.leftrad.person)
136     (kanji.grone.stand_up);
137   expand_pbox;
138 enddef;

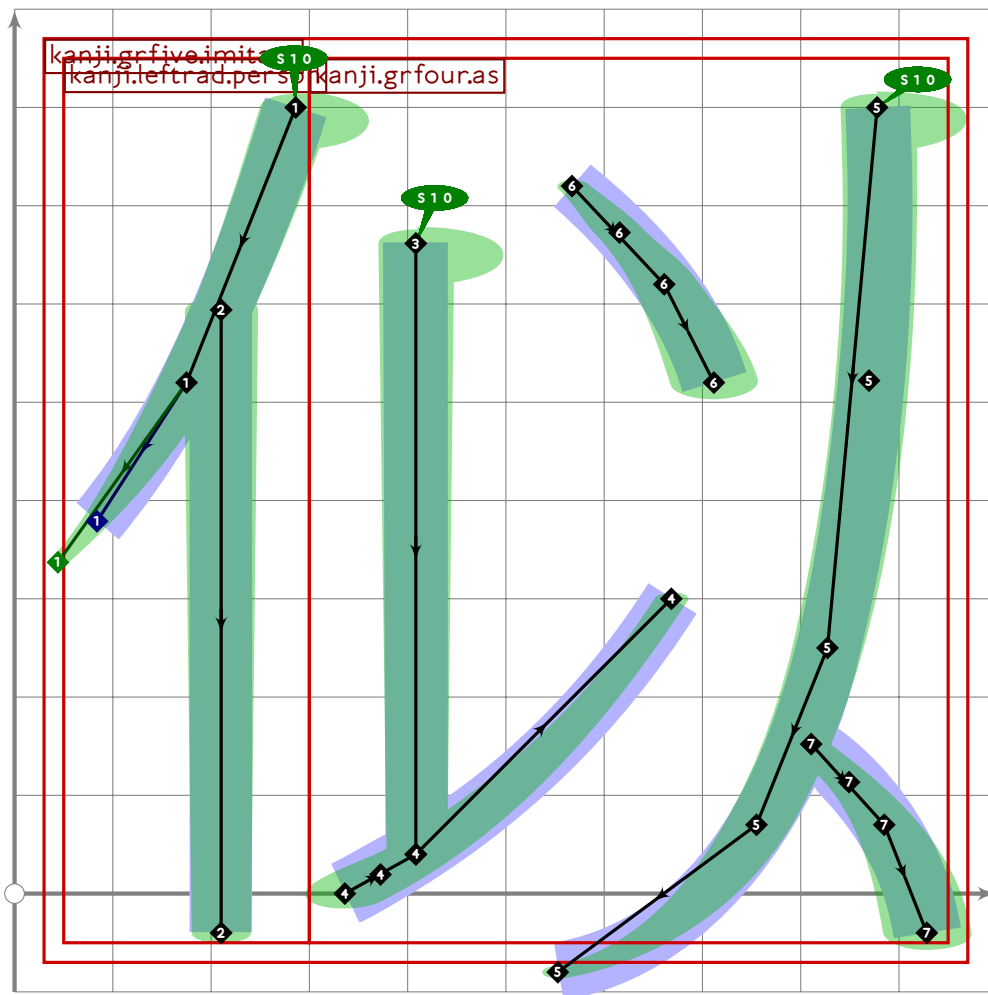
```



```

139
140 vardef kanji.grfourtradition =
141   push_pbox_toexpand("kanji.grfourtradition");
142   build_kanji.lr(300,10)
143     (kanji.leftrad.person)
144     (kanji.grnine.declaim);
145   expand_pbox;
146 enddef;
147
148

```

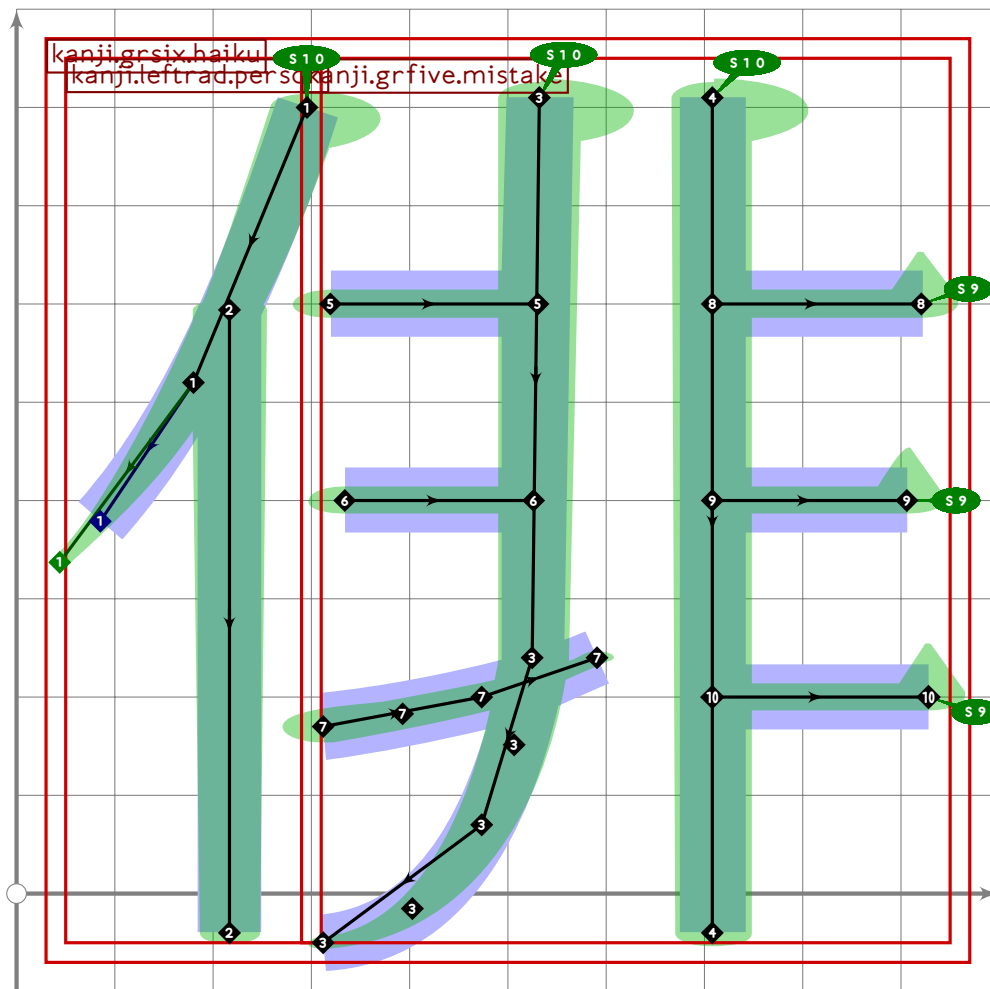


```

149
150 vardef kanji.grfive.imitate =
151   push_pbox_toexpand("kanji.grfive.imitate");
152   build_kanji.lr(300,0)
153     (kanji.leftrad.person)
154     (kanji.grfour.as;
155       replace_stroke(-4)(subpath (0,16,infinity) of oldp));
156   expand_pbox;
157 enddef;
158
159

```

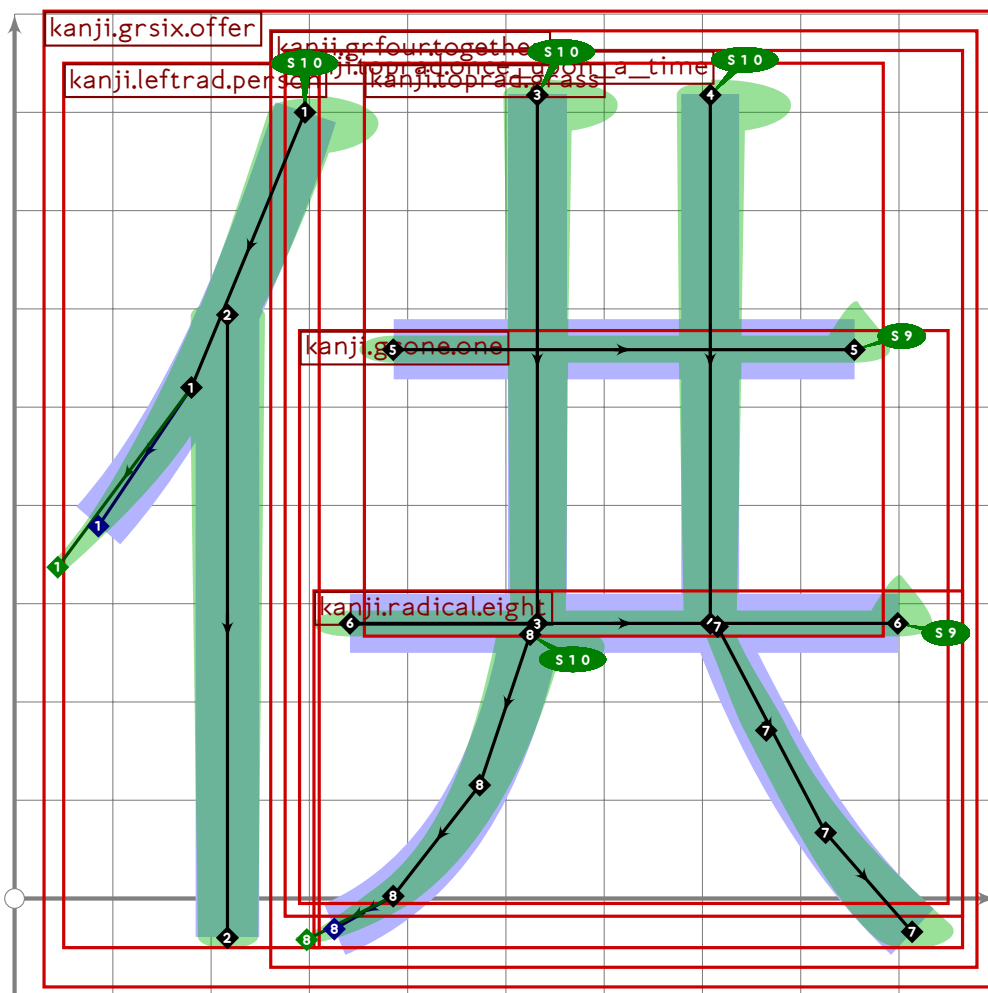




```

160
161 vardef kanji.grsix.haiku =
162   push_pbox_toexpand("kanji.grsix.haiku");
163   build_kanji.lr(300,20)
164     (kanji.leftrad.person)
165     (kanji.grfive.mistake);
166   expand_pbox;
167 enddef;

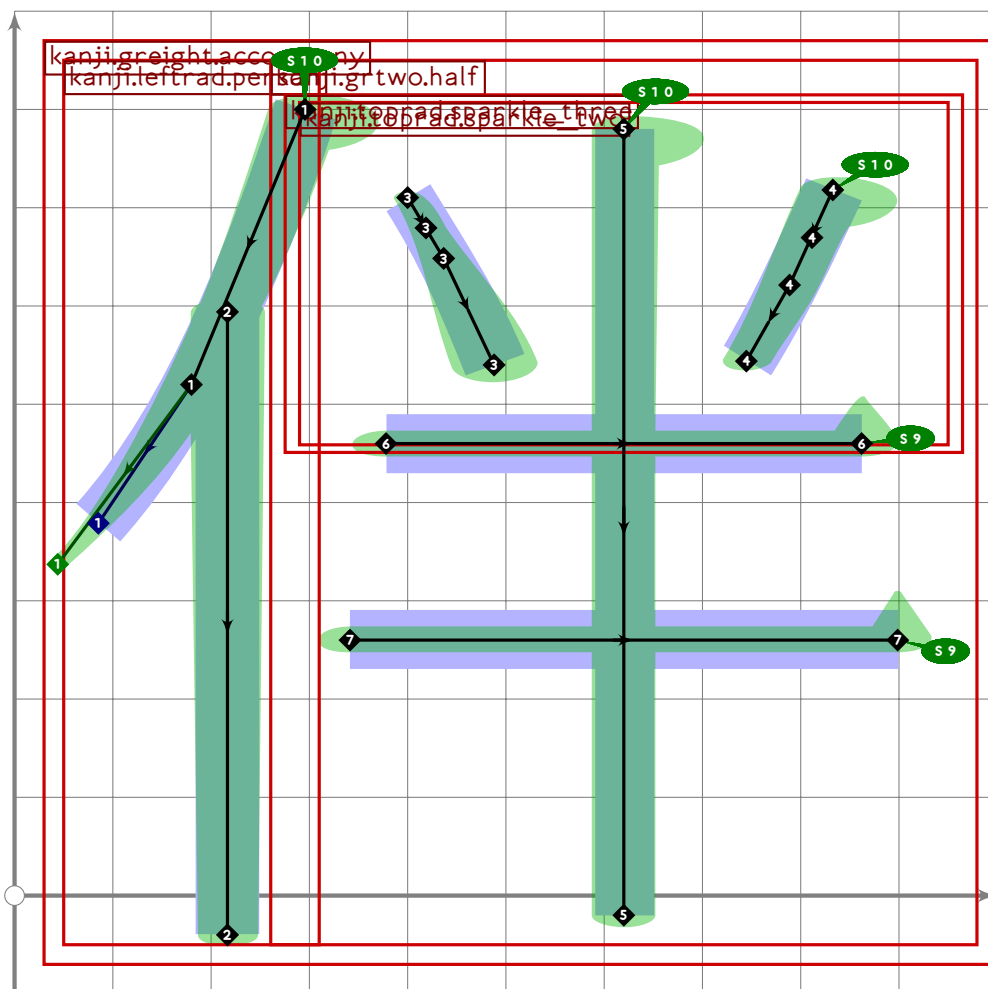
```



```

168
169 vardef kanji.grsix.offer =
170   push_pbox_toexpand("kanji.grsix.offer");
171   build_kanji.lr(300,20)
172     (kanji.leftrad.person)
173     (kanji.grfour.together);
174   expand_pbox;
175 enddef;
176
177

```



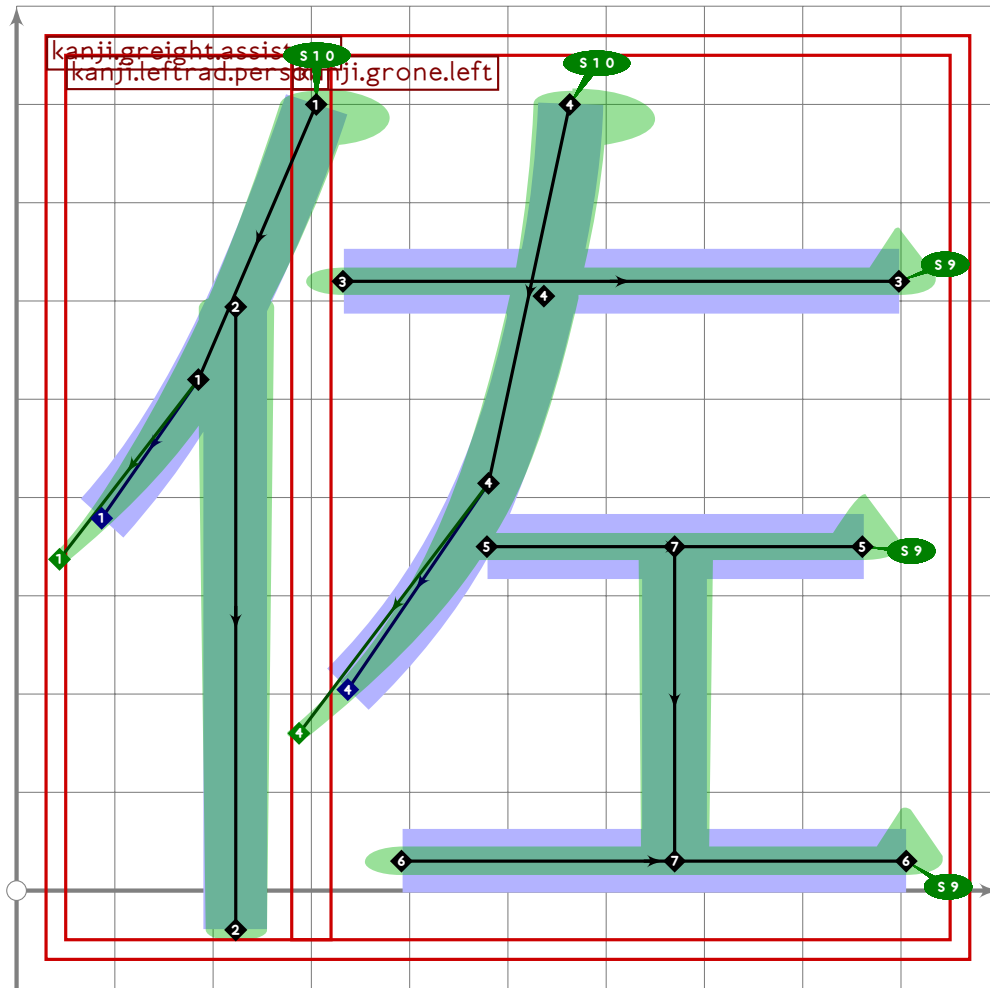
```

178
179 vardef kanji.greight.accompany =
180   push_pbox_toexpand("kanji.greight.accompany");
181   build_kanji.lr(300,20)
182     (kanji.leftrad.person)
183     (kanji.grtwo.half);
184   expand_pbox;
185 enddef;

```

U+4F50  
tsuku.uni4F50

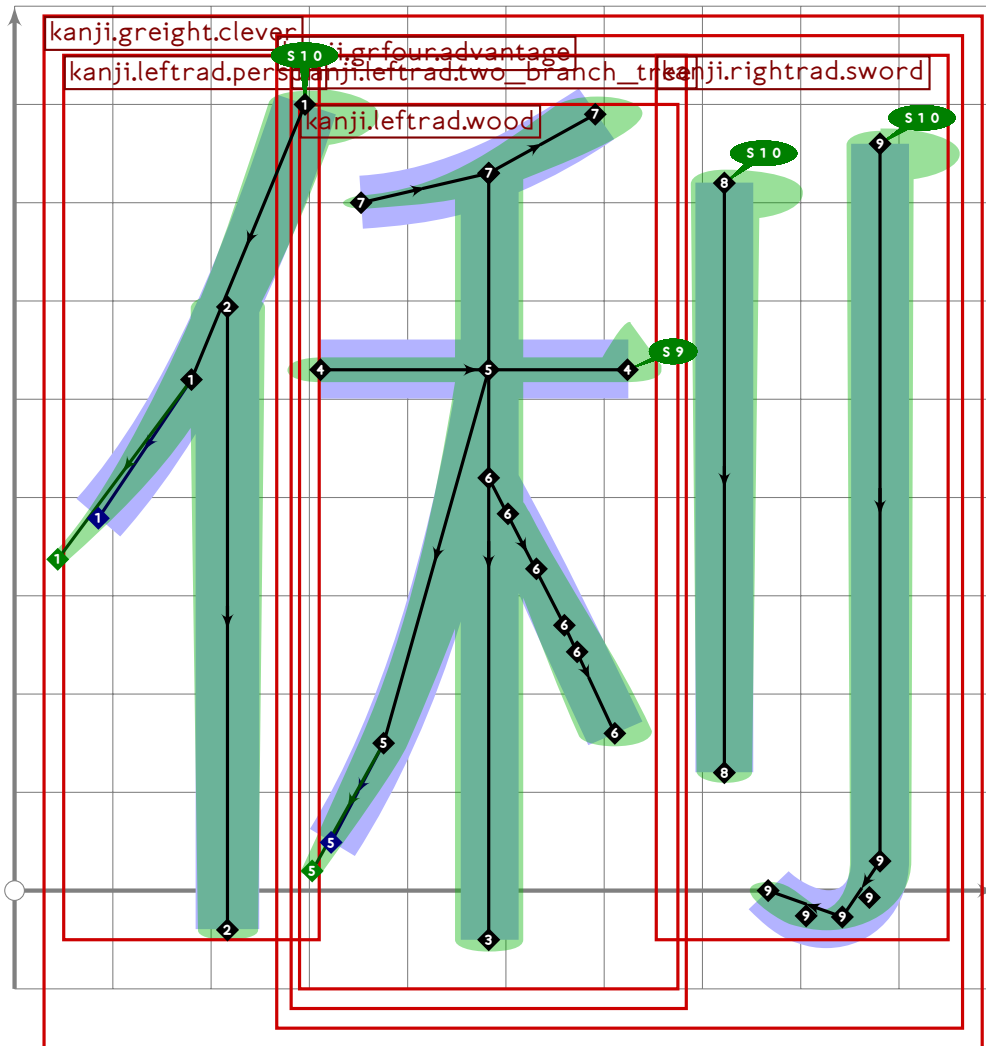
4F



```

186
187 vardef kanji.greight.assistant =
188   push_pbox_toexpand("kanji.greight.assistant");
189   build_kanji.lr(300,40)
190     (kanji.leftrad.person)
191     (kanji.grone.left);
192   expand_pbox;
193 enddef;

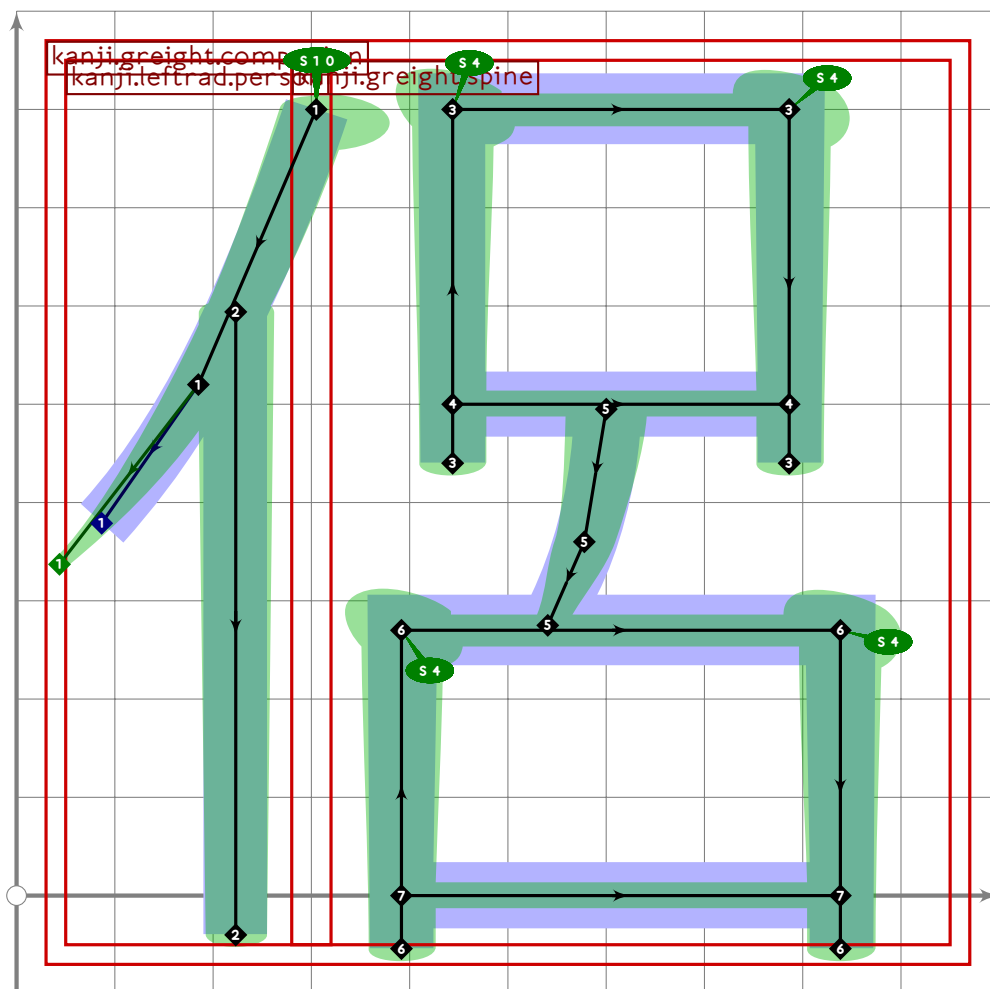
```



```

194
195 vardef kanji.greight.clever =
196   push_pbox_toexpand("kanji.greight.clever");
197   build_kanji.lr(300,20)
198     (kanji.leftrad.person)
199     (kanji.grfour.advantage);
200   expand_pbox;
201 enddef;

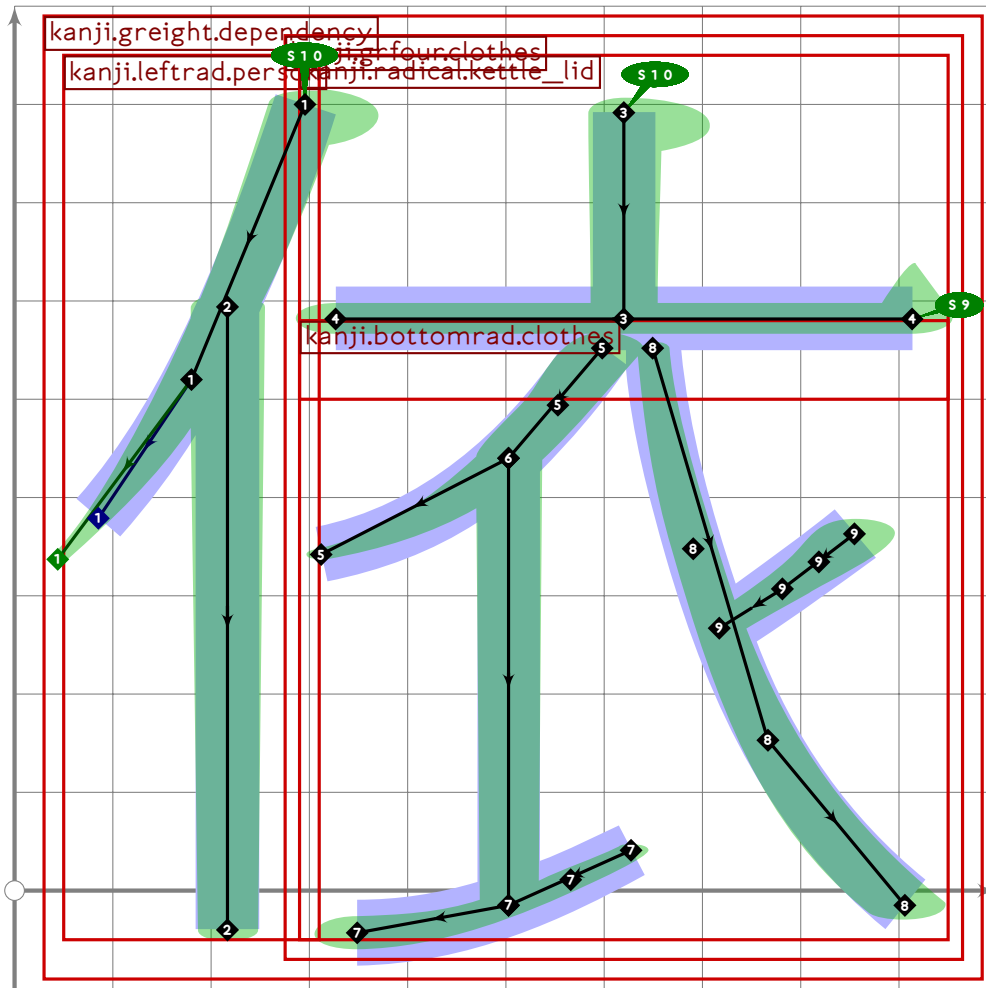
```



```

202
203 vardef kanji.greight.companion =
204   push_pbox_toexpand("kanji.greight.companion");
205   build_kanji.lr(300,40)
206     (kanji.leftrad.person)
207     (kanji.greight.spine);
208   expand_pbox;
209 enddef;

```



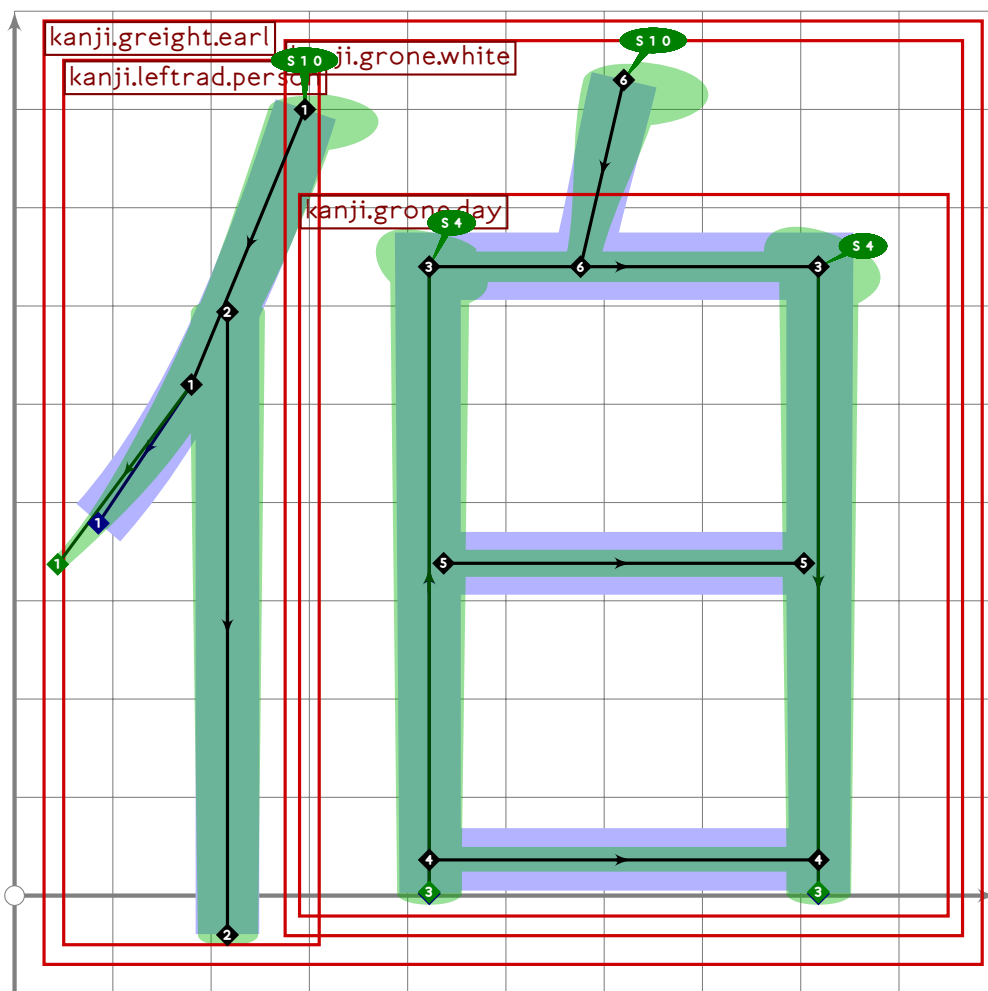
```

210
211 vardef kanji.greight.dependency =
212   push_pbox_toexpand("kanji.greight.dependency");
213   build_kanji.lr(300,20)
214     (kanji.leftrad.person)
215     (kanji.grfour.clothes);
216   expand_pbox;
217 enddef;

```

U+4F2F  
tsuku.uni4F2F

4F

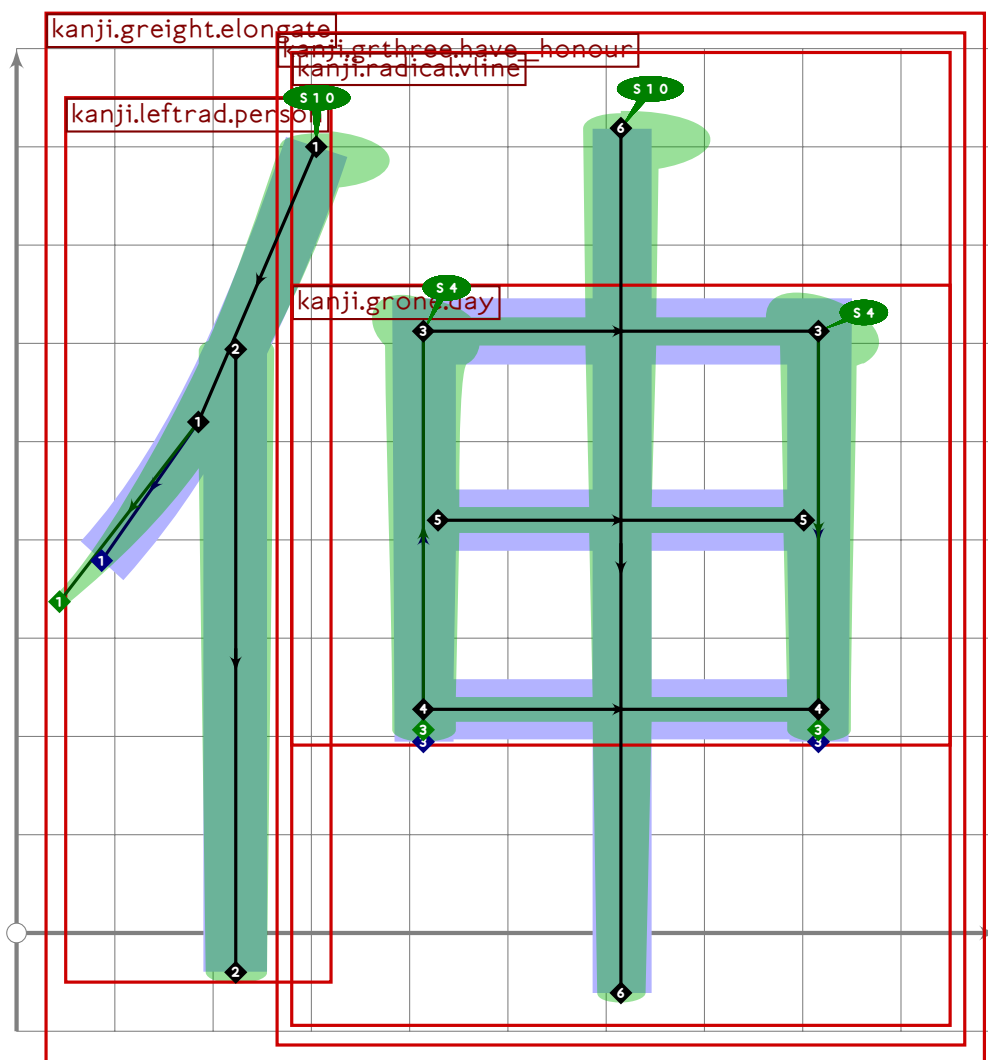


```

218
219 vardef kanji.greight.earl =
220   push_pbox_toexpand("kanji.greight.earl");
221   build_kanji.lr(300,20)
222     (kanji.leftrad.person)
223     (build_kanji.sscale(shifted (0,20))(kanji.grone.white));
224   expand_pbox;
225 enddef;

```

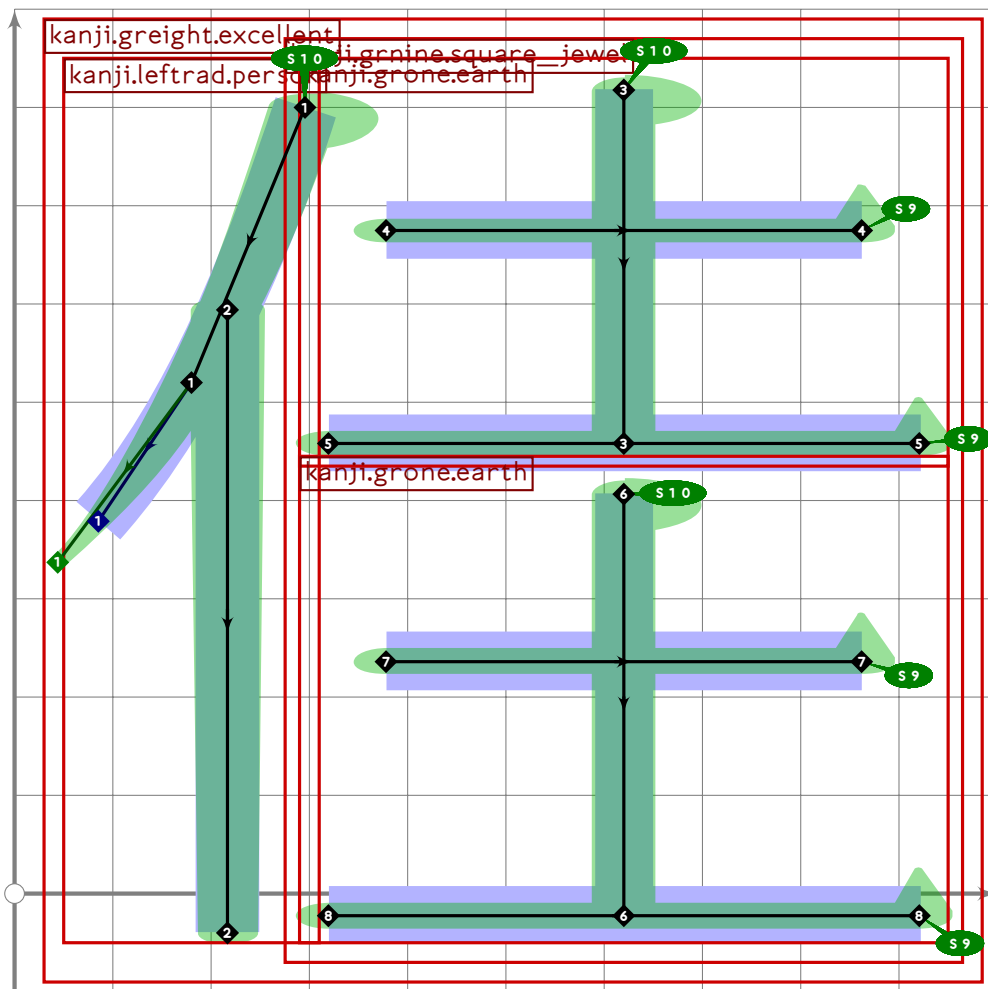




```

226
227 vardef kanji.greight.elongate =
228   push_pbox_toexpand("kanji.greight.elongate");
229   build_kanji.lr(300,40)
230     (kanji.leftrad.person)
231     (kanji.grthree.have_honour);
232   expand_pbox;
233 enddef;

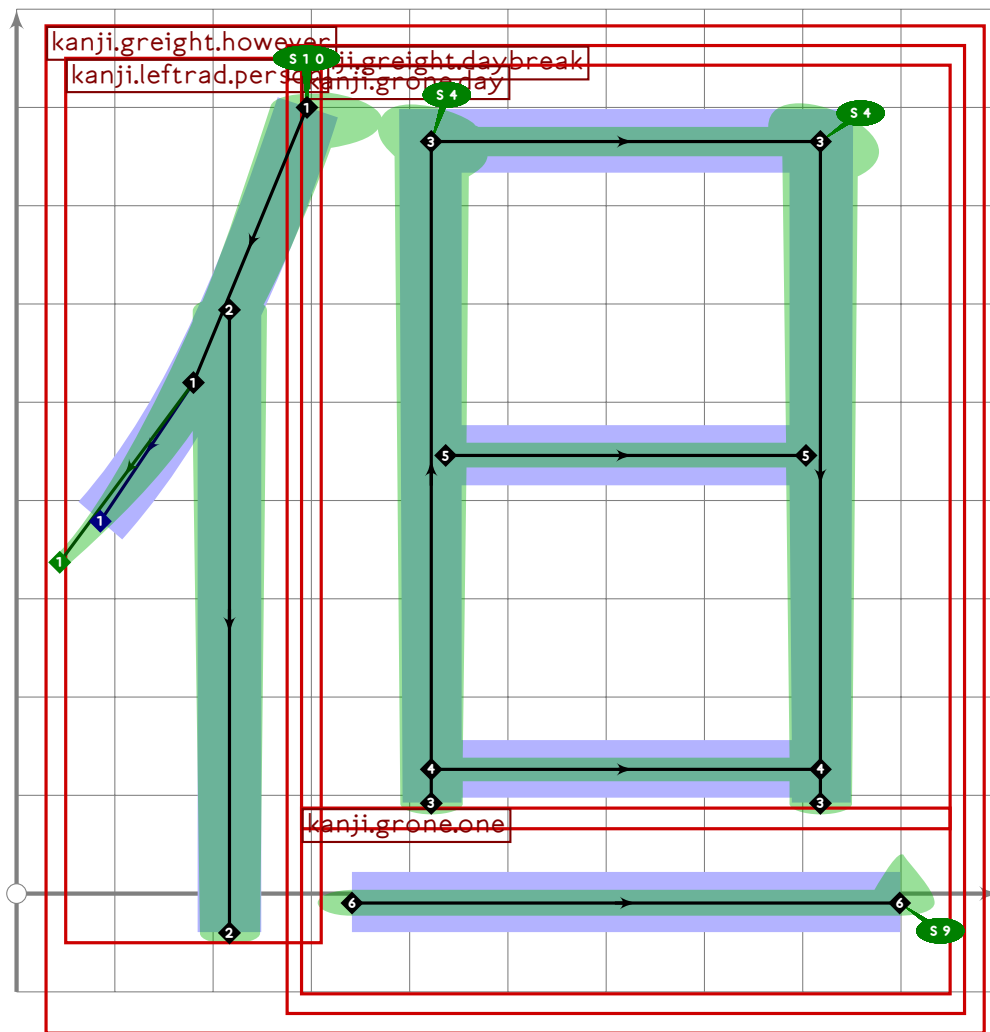
```



```

234
235 vardef kanji.greight.excellent =
236   push_pbox_toexpand("kanji.greight.excellent");
237   build_kanji.lr(300,20)
238     (kanji.leftrad.person)
239     (kanji.grnine.square_jewel);
240   expand_pbox;
241 enddef;

```



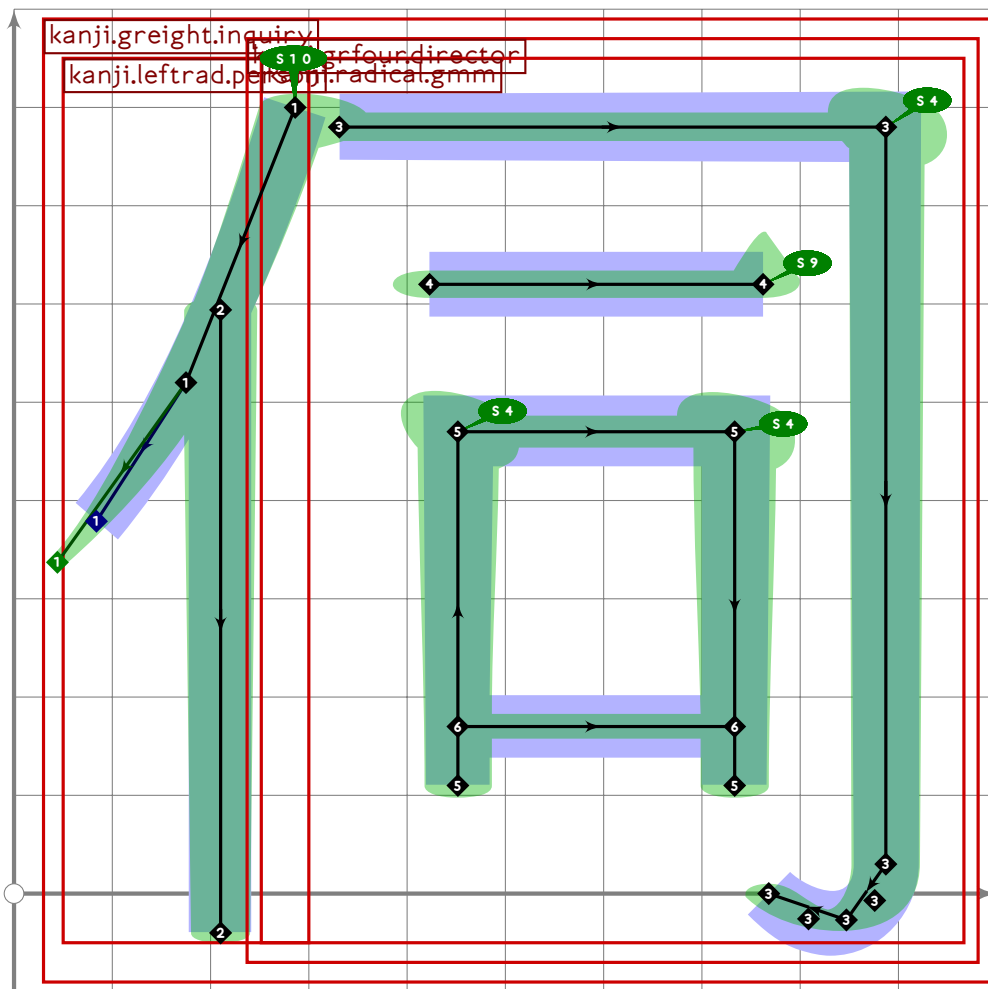
```

242
243 vardef kanji.greight.however =
244   push_pbox_toexpand("kanji.greight.however");
245   build_kanji.lr(300,20)
246     (kanji.leftrad.person)
247     (kanji.greight.daybreak);
248   expand_pbox;
249 enddef;

```

U+4F3A  
tsuku.uni4F3A

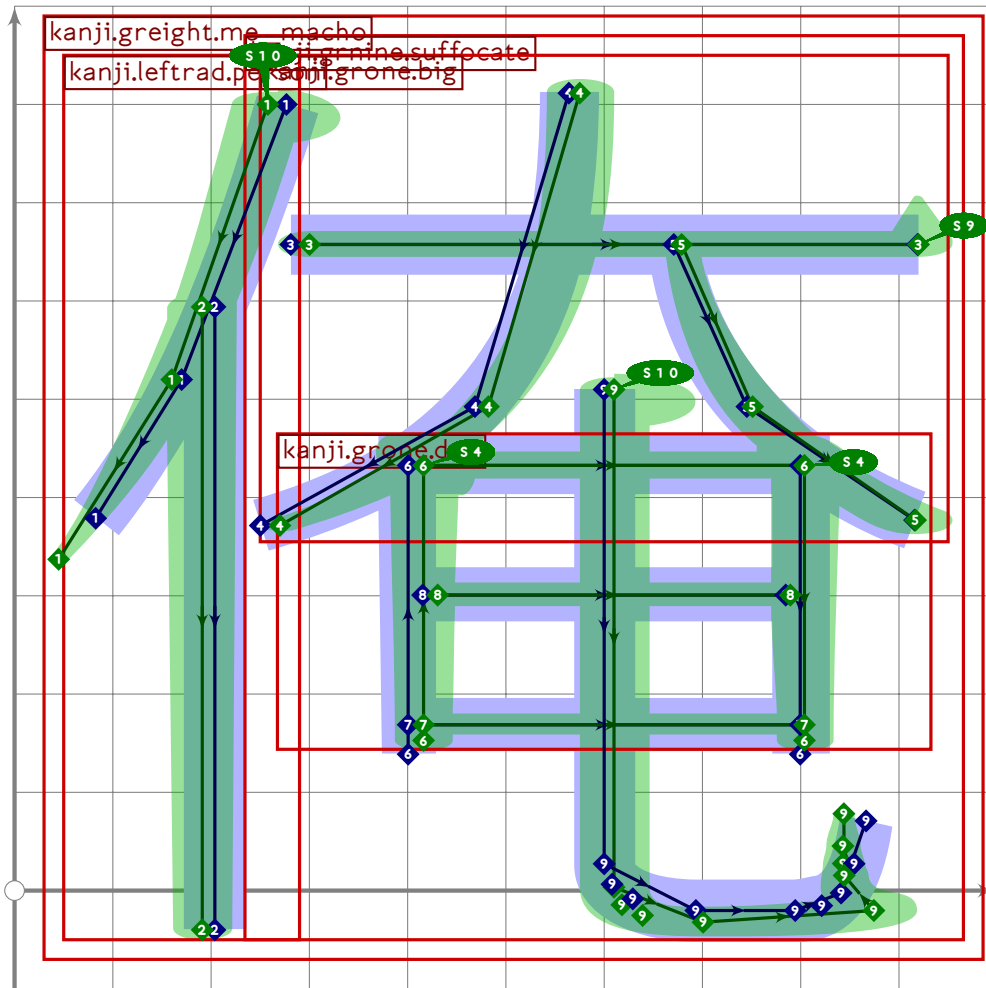
4F



```

250
251 vardef kanji.greight.inquiry =
252   push_pbox_toexpand("kanji.greight.inquiry");
253   build_kanji.lr(300,0)
254     (kanji.leftrad.person)
255     (kanji.grfour.director);
256   expand_pbox;
257 enddef;

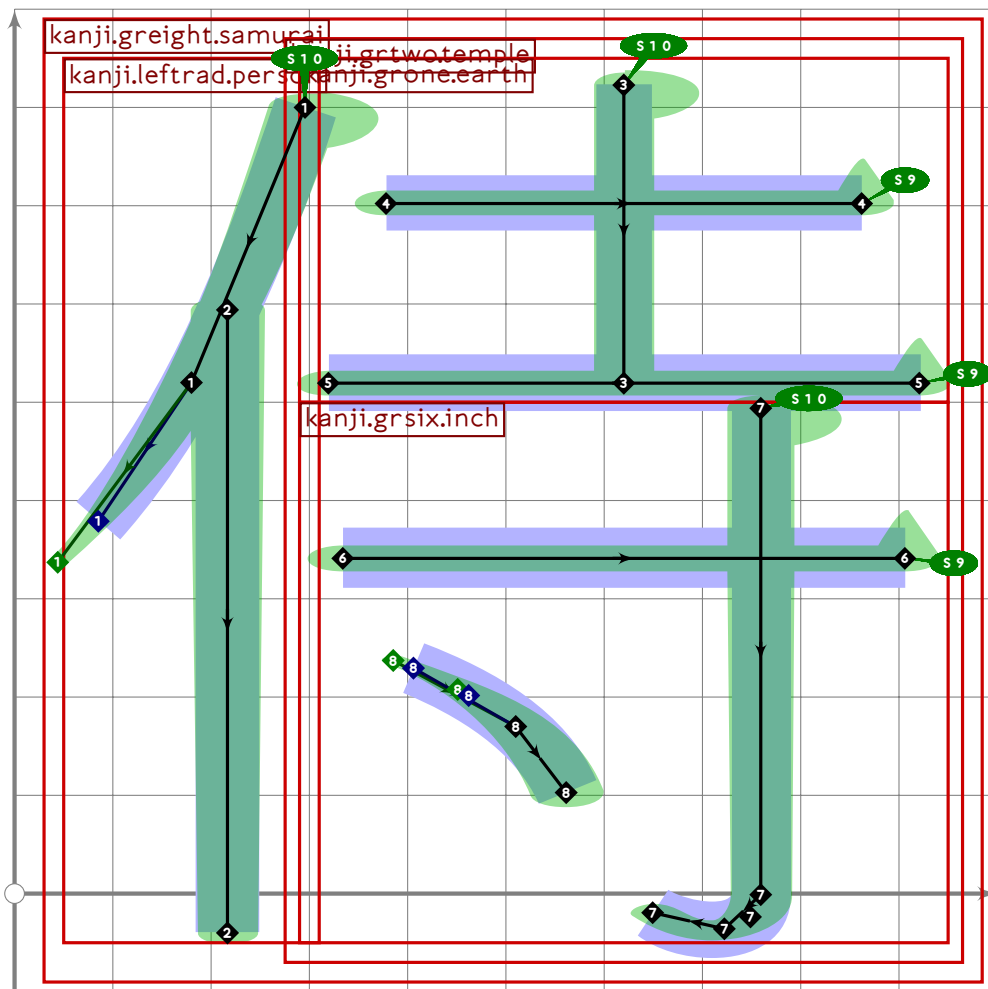
```



```

258
259 vardef kanji.greight.me_macho =
260   push_pbox_toexpand("kanji.greight.me_macho");
261   build_kanji.lr(270,40*(1-mincho))
262   (kanji.leftrad.person)
263   (kanji.grnine.suffocate);
264   expand_pbox;
265 enddef;

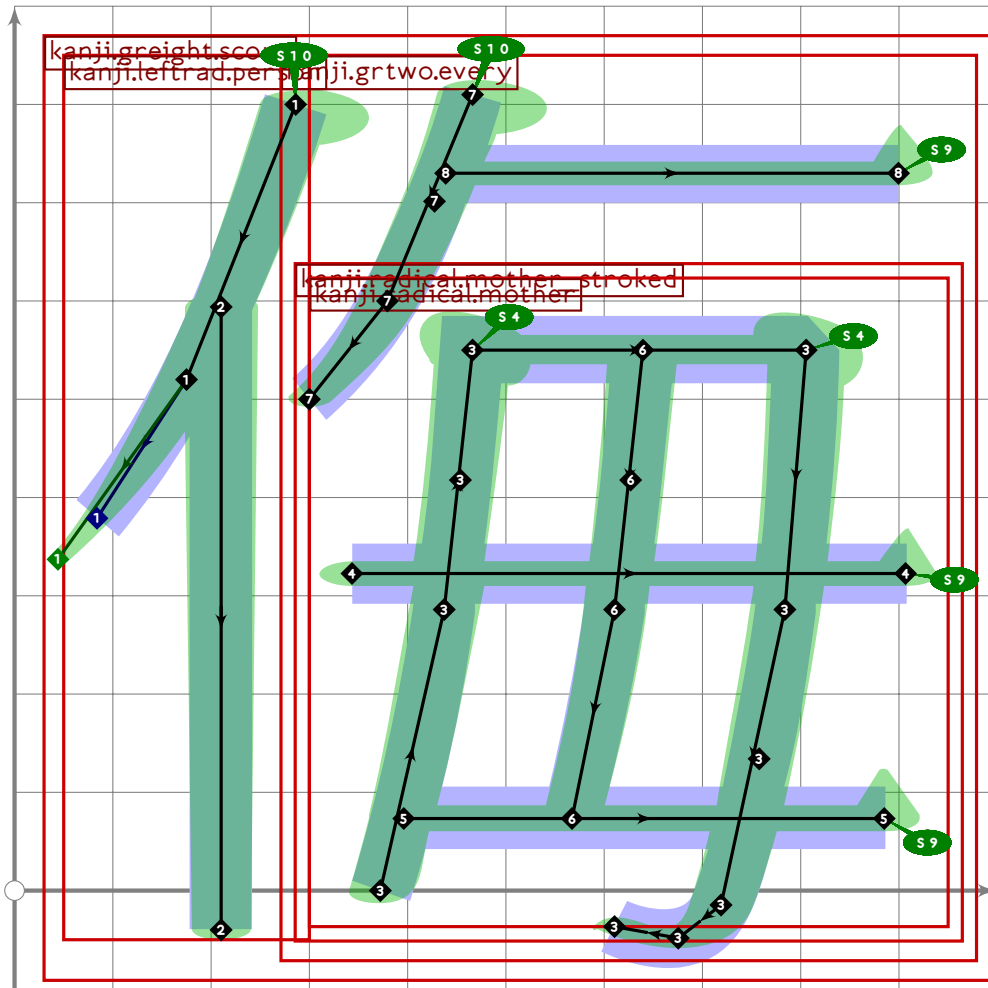
```



```

266
267 vardef kanji.greight.samurai =
268   push_pbox_toexpand("kanji.greight.samurai");
269   build_kanji.lr(300,20)
270     (kanji.leftrad.person)
271     (kanji.grtwo.temple);
272   expand_pbox;
273 enddef;

```



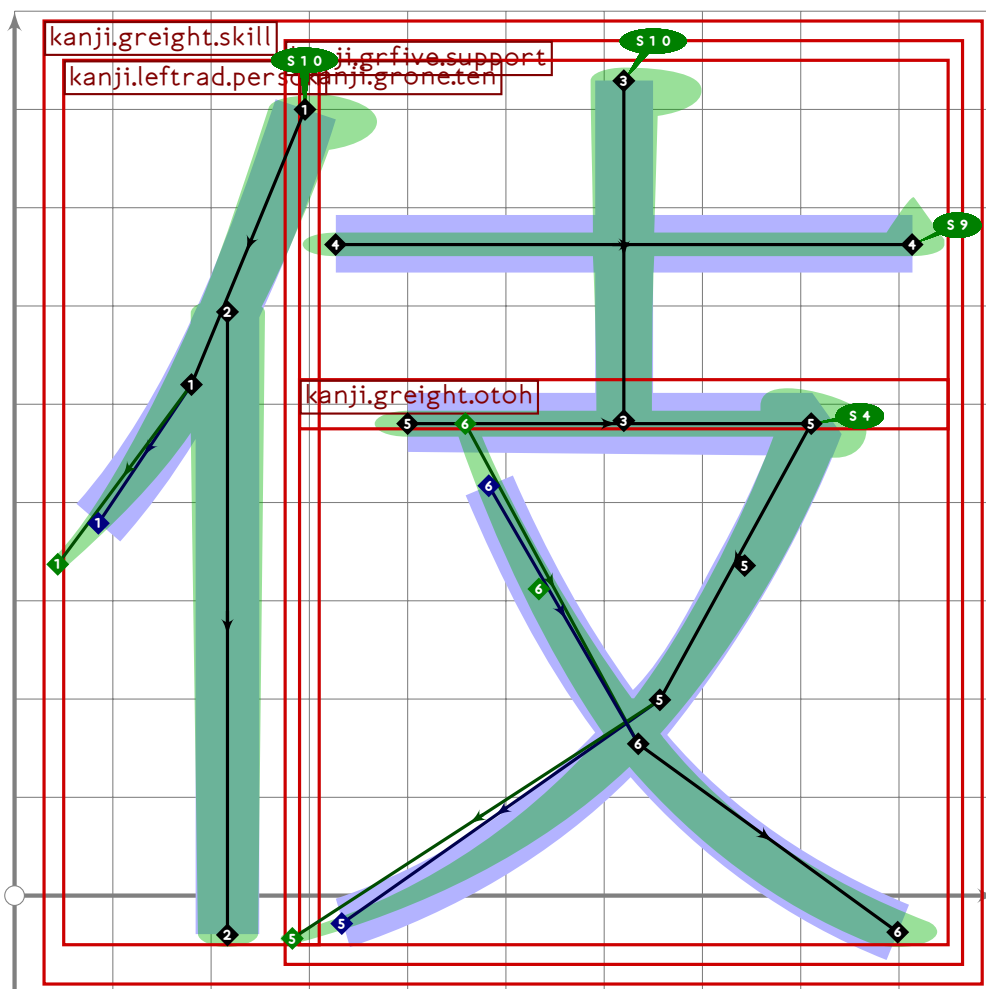
```

274
275 vardef kanji.greight.sco =
276   push_pbox_toexpand("kanji.greight.sco");
277   build_kanji.lr(300,0)
278     (kanji.leftrad.person)
279     (kanji.grtwo.every);
280   expand_pbox;
281 enddef;

```

U+4F0E  
tsuku.uni4F0E

4F

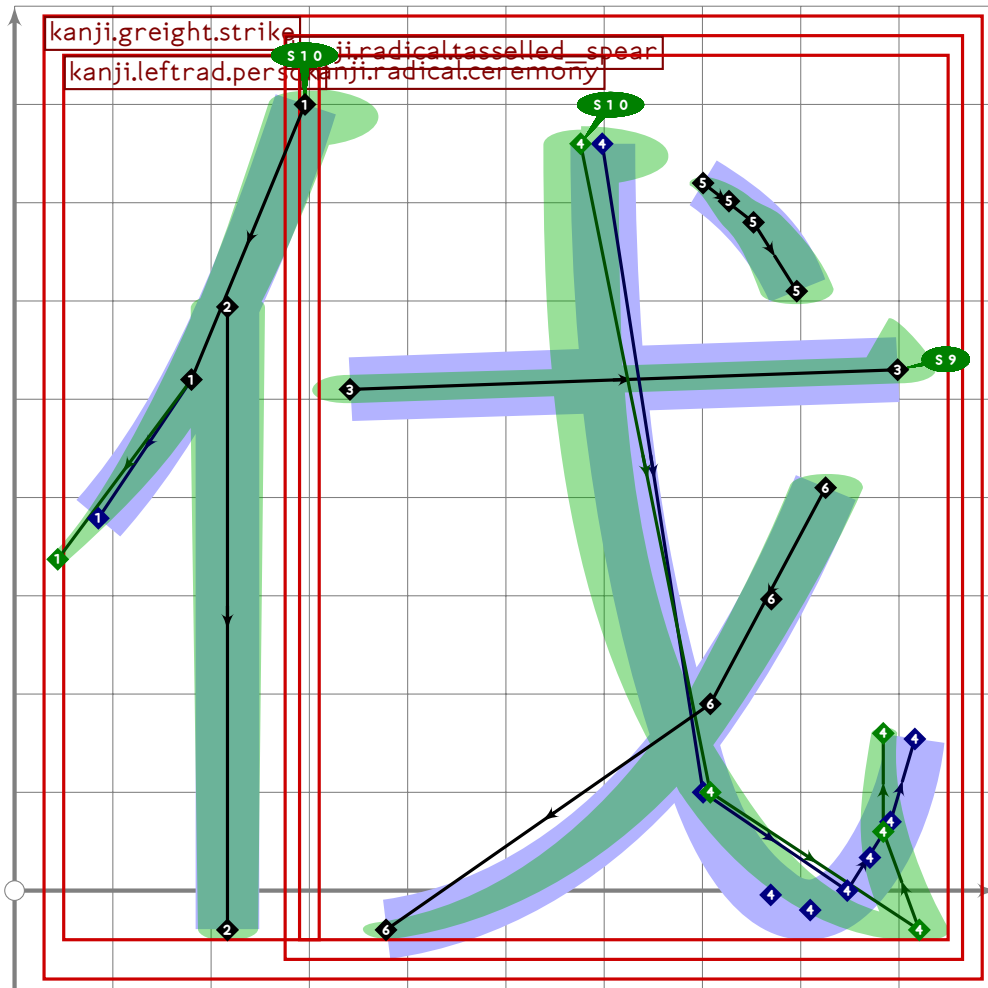


```

282
283 vardef kanji.greight.skill =
284   push_pbox_toexpand("kanji.greight.skill");
285   build_kanji.lr(300,20)
286     (kanji.leftrad.person)
287     (kanji.grfive.support);
288   expand_pbox;
289 enddef;

```





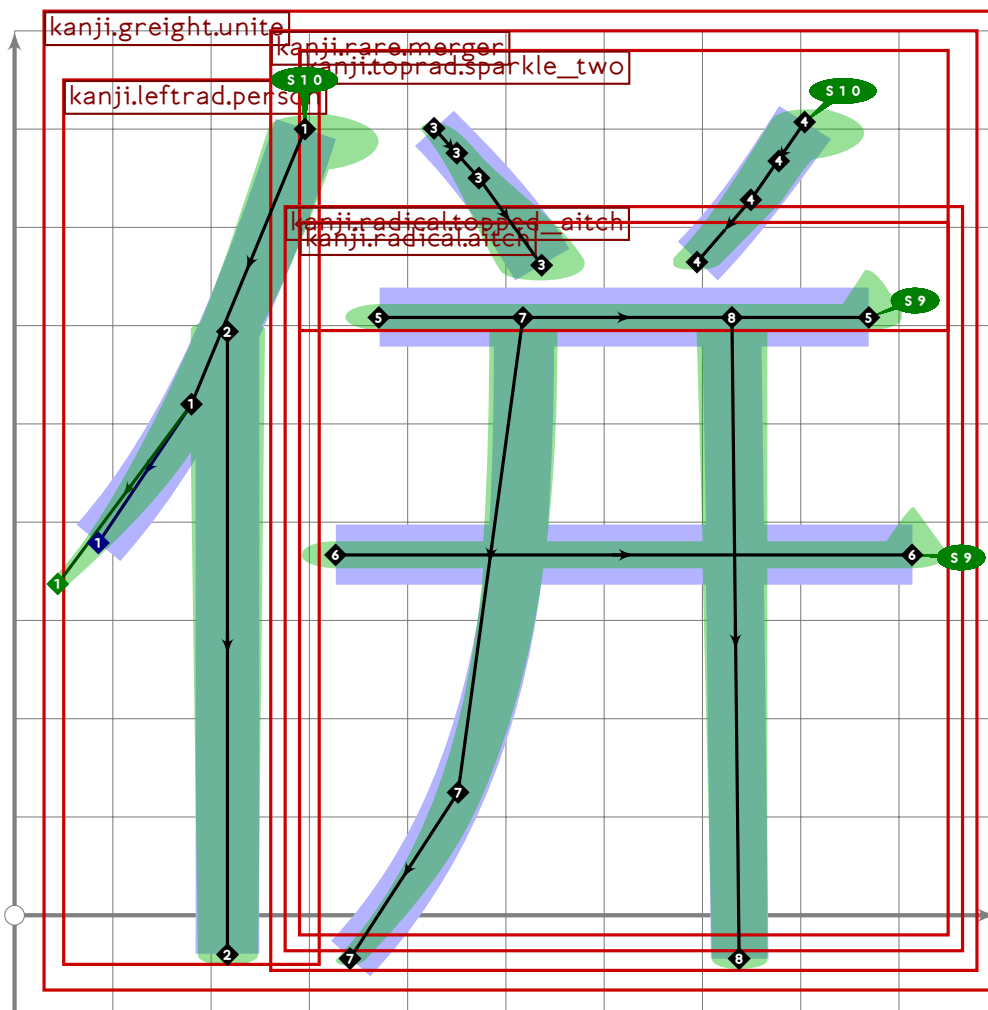
```

290
291 vardef kanji.greight.strike =
292   push_pbox_toexpand("kanji.greight.strike");
293   build_kanji.lr(300,20)
294     (kanji.leftrad.person)
295     (kanji.radical.tasselled_spear);
296   expand_pbox;
297 enddef;

```

U+4F75  
tsuku.uni4F75

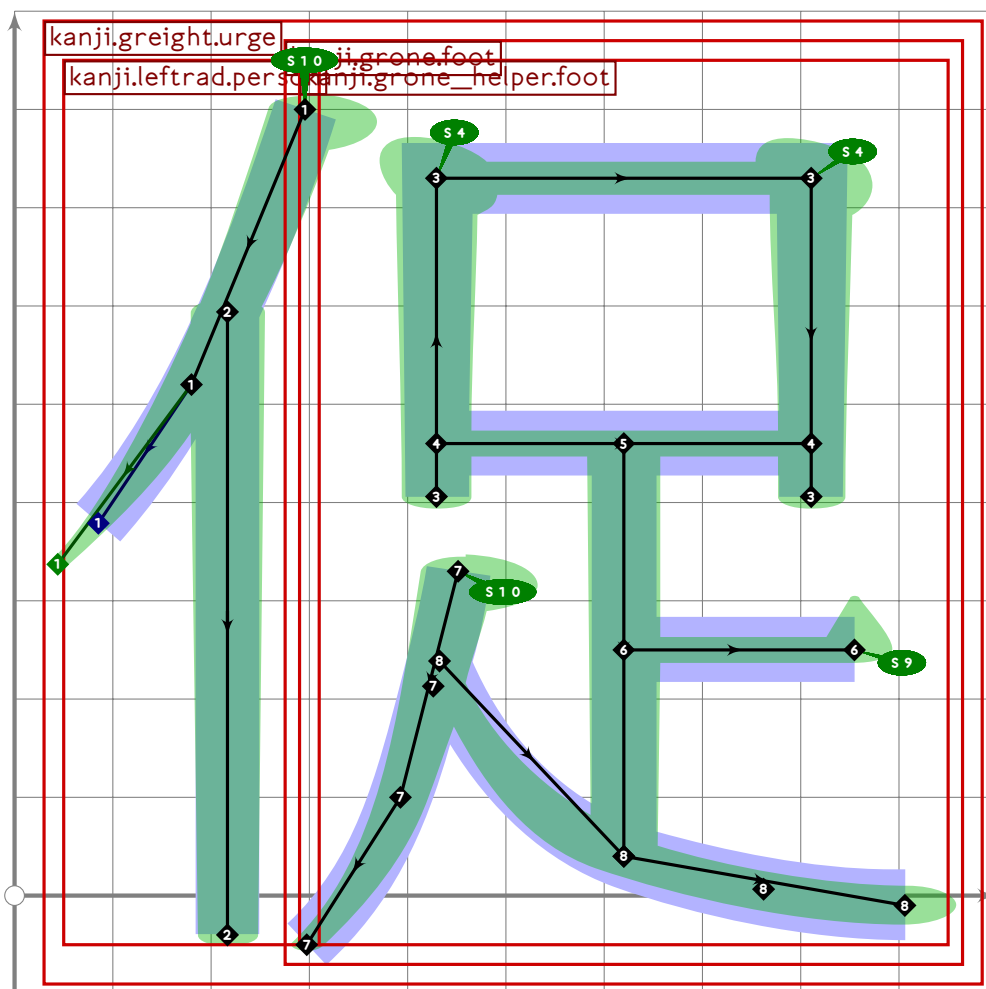
4F



```

298
299 vardef kanji.greight.unite =
300   push_pbox_toexpand("kanji.greight.unite");
301   build_kanji.lr(300,20)
302     (kanji.leftrad.person)
303     (build_kanji.sscale(shifted (0,30))(kanji.rare.merger));
304   expand_pbox;
305 enddef;

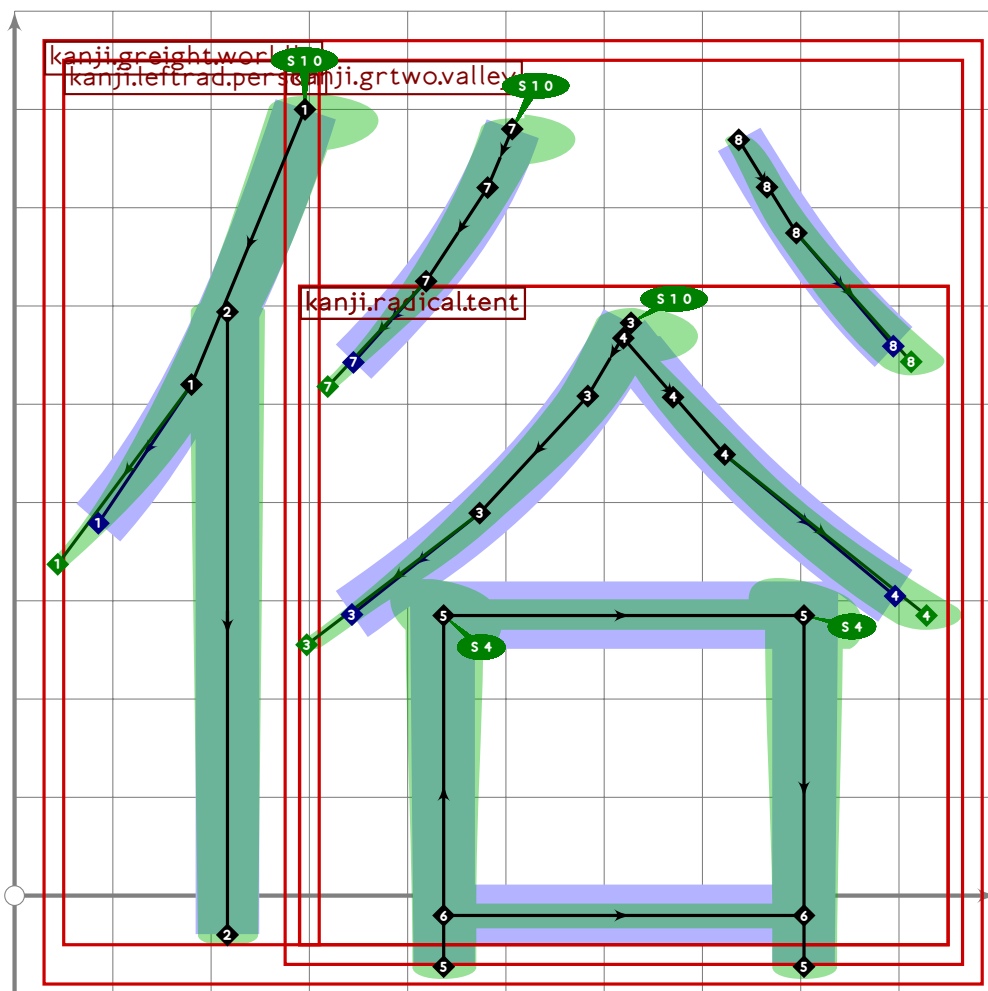
```



```

306
307 vardef kanji.greight.urge =
308   push_pbox_toexpand("kanji.greight.urge");
309   build_kanji.lr(300,20)
310     (kanji.leftrad.person)
311     (kanji.grone.foot);
312   expand_pbox;
313 enddef;

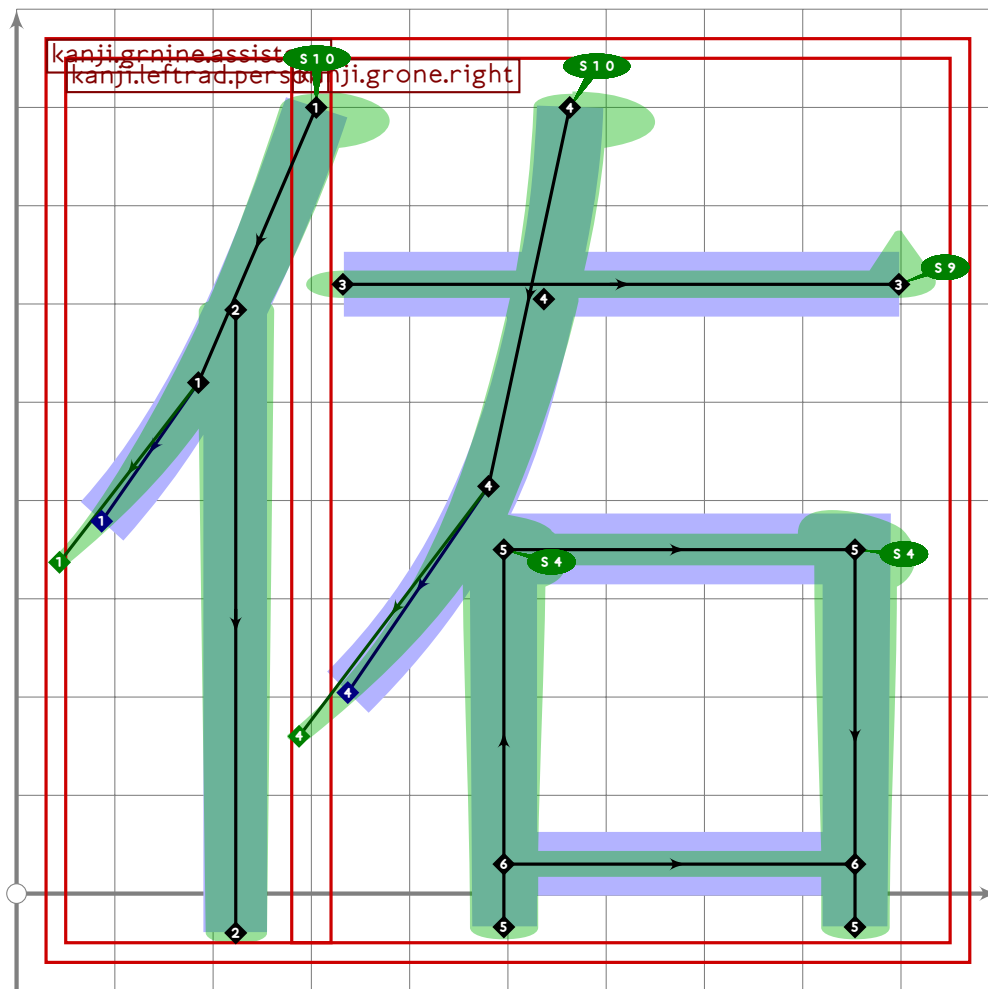
```



```

314
315 vardef kanji.greight.worldly =
316   push_pbox_toexpand("kanji.greight.worldly");
317   build_kanji.lr(300,20)
318     (kanji.leftrad.person)
319     (kanji.grtwo.valley);
320   expand_pbox;
321 enddef;
322
323

```



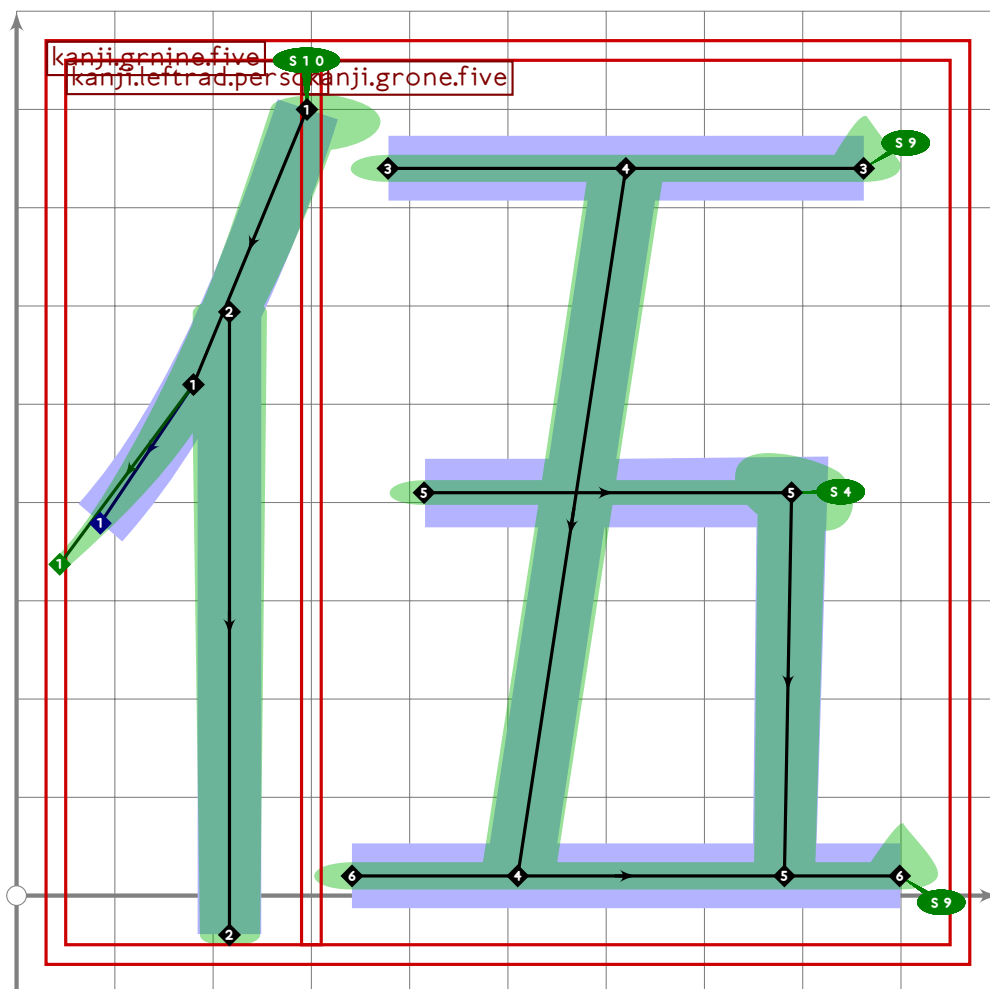
```

324
325 vardef kanji.grnine.assistant =
326   push_pbox_toexpand("kanji.grnine.assistant");
327   build_kanji.lr(300,40)
328     (kanji.leftrad.person)
329     (kanji.grone.right);
330   expand_pbox;
331 enddef;

```

U+4F0D  
tsuku.uni4F0D

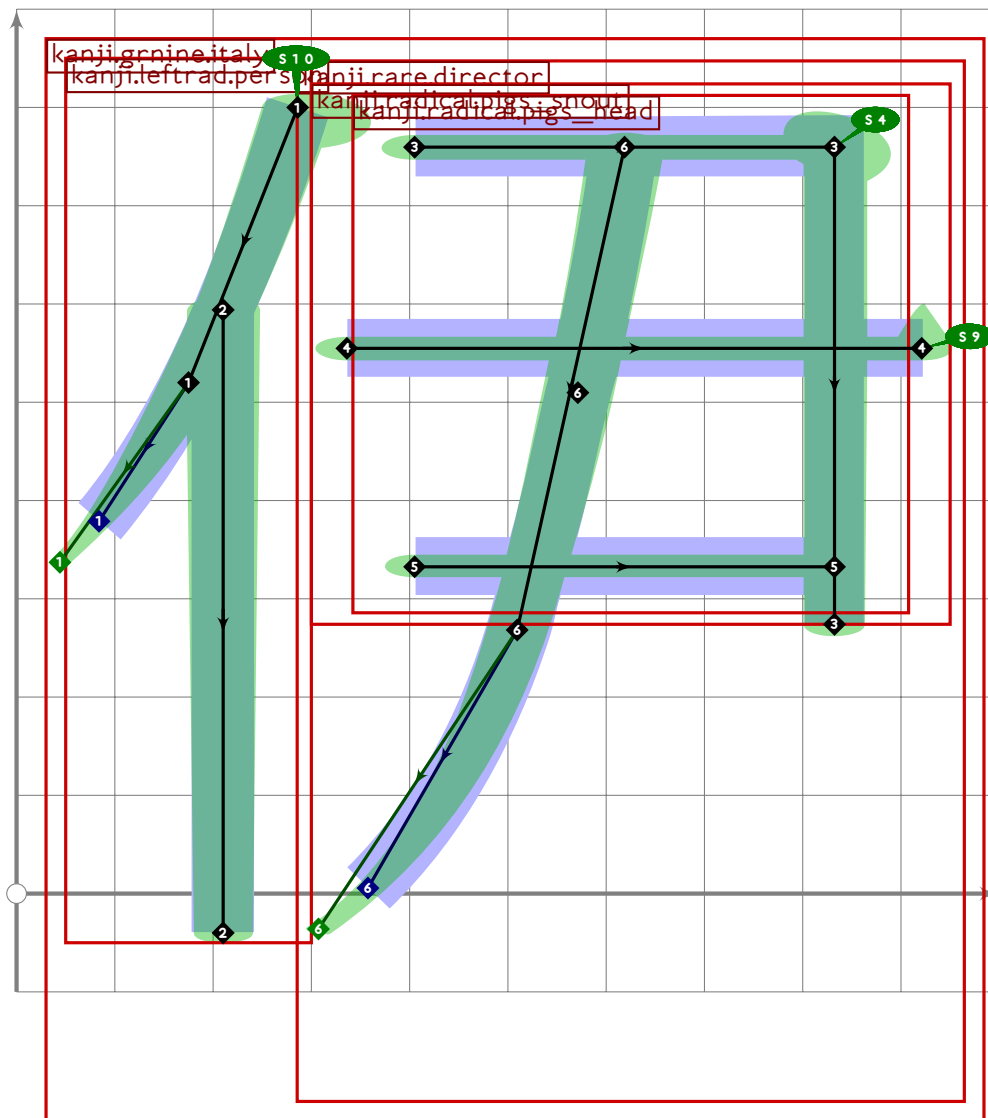
4F



```

332
333 vardef kanji.grnine.five =
334   push_pbox_toexpand("kanji.grnine.five");
335   build_kanji.lr(300,20)
336     (kanji.leftrad.person)
337     (kanji.grone.five);
338   expand_pbox;
339 enddef;

```



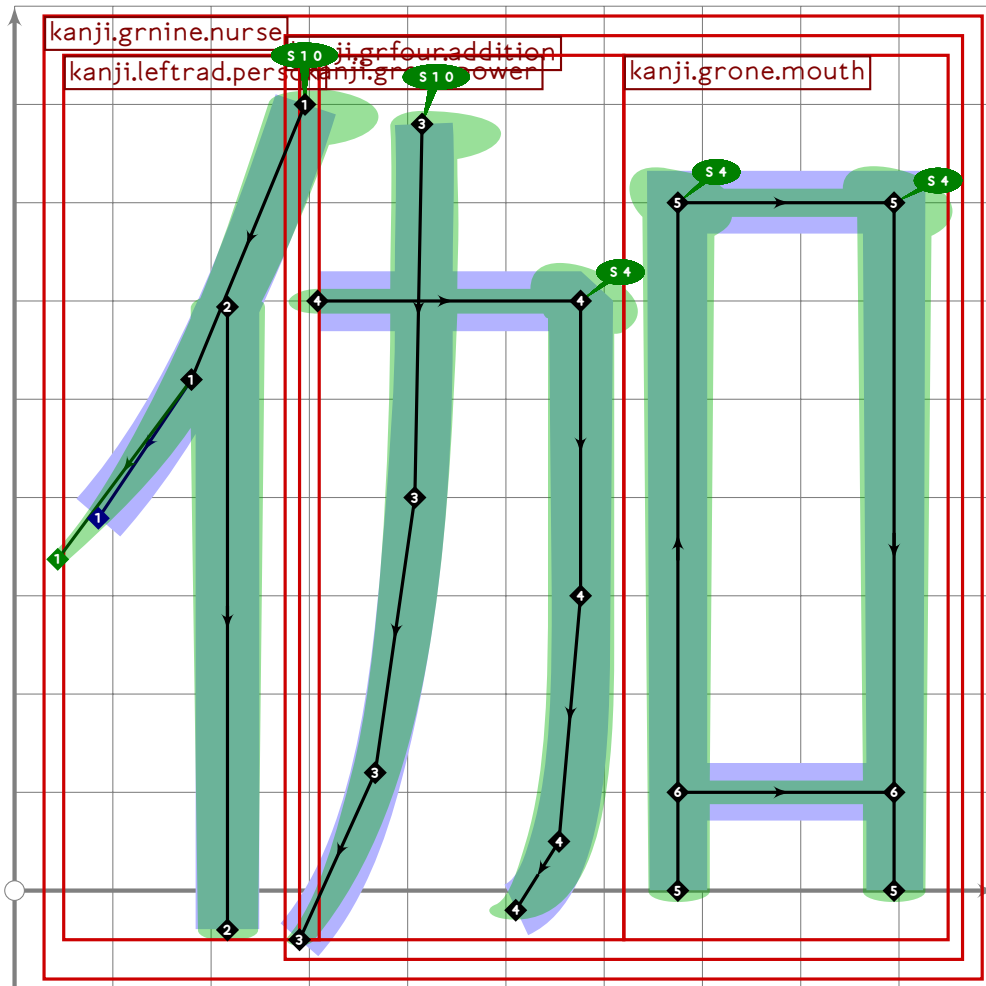
```

340
341 vardef kanji.grnine.italy =
342   push_pbox_toexpand("kanji.grnine.italy");
343   build_kanji.lr(300,0)
344     (kanji.leftrad.person)
345     (tsu_xform(identity shifted (0,900) yscaled 1.17 shifted (0,900))
346       (kanji.rare.director));
347   expand_pbox;
348 enddef;

```

U+4F3D  
tsuku.uni4F3D

4F

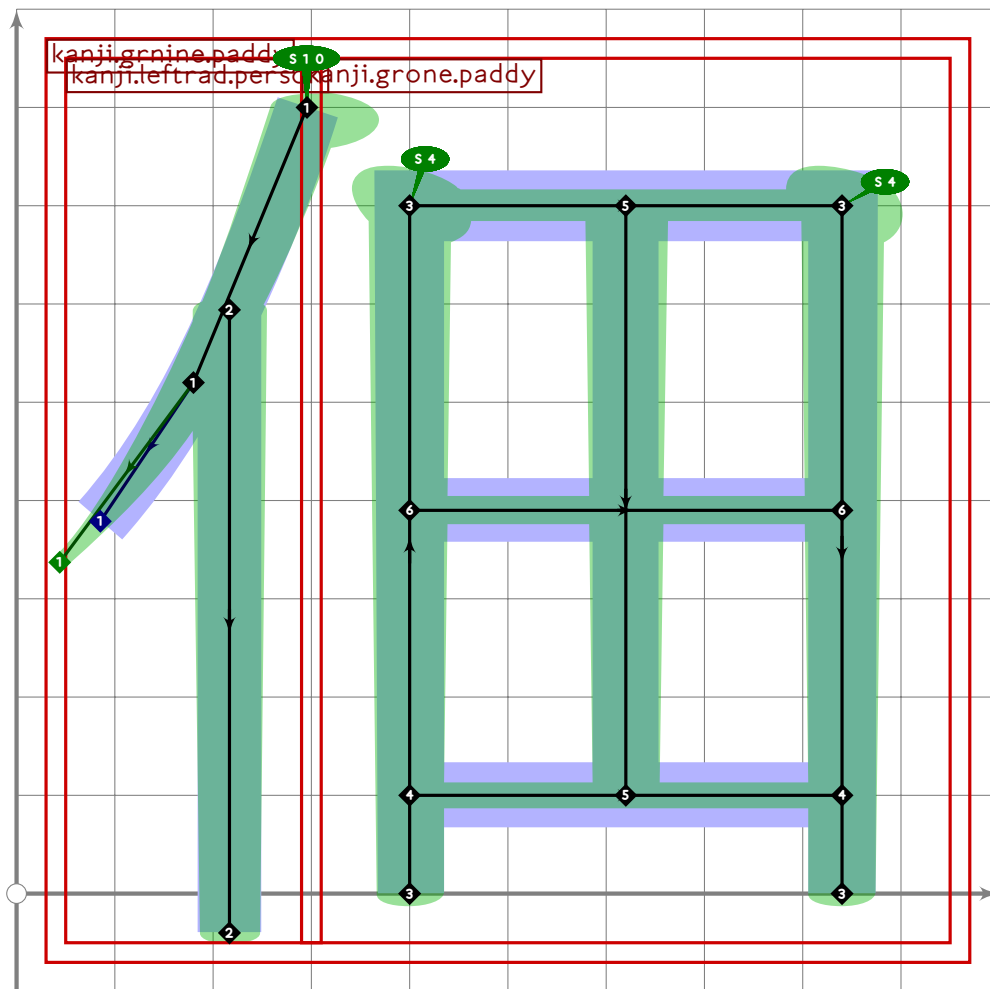


```

349
350 vardef kanji.grnine.nurse =
351   push_pbox_toexpand("kanji.grnine.nurse");
352   build_kanji.lr(300,20)
353     (kanji.leftrad.person)
354     (kanji.grfour.addition);
355   expand_pbox;
356 enddef;

```

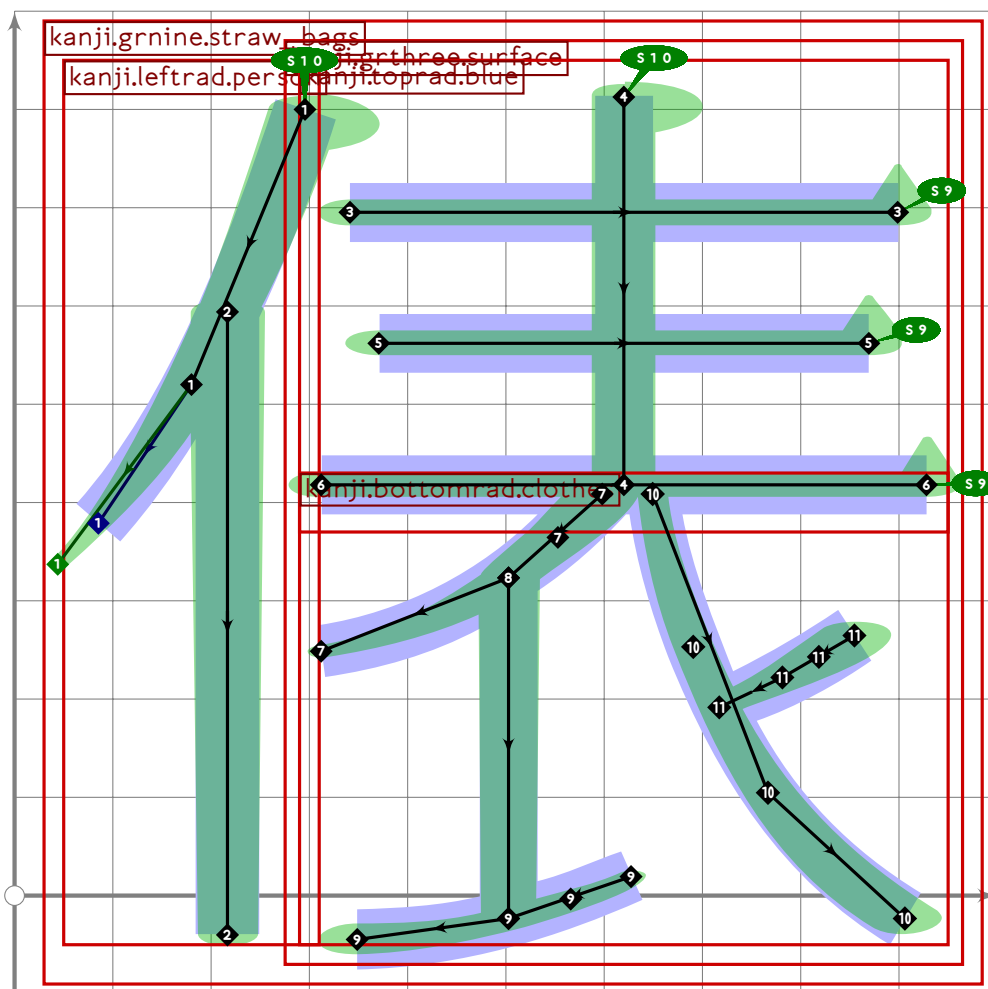




```

357
358 vardef kanji.grnine.paddy =
359   push_pbox_toexpand("kanji.grnine.paddy");
360   build_kanji.lr(300,20)
361     (kanji.leftrad.person)
362     (kanji.grone.paddy);
363   expand_pbox;
364 enddef;

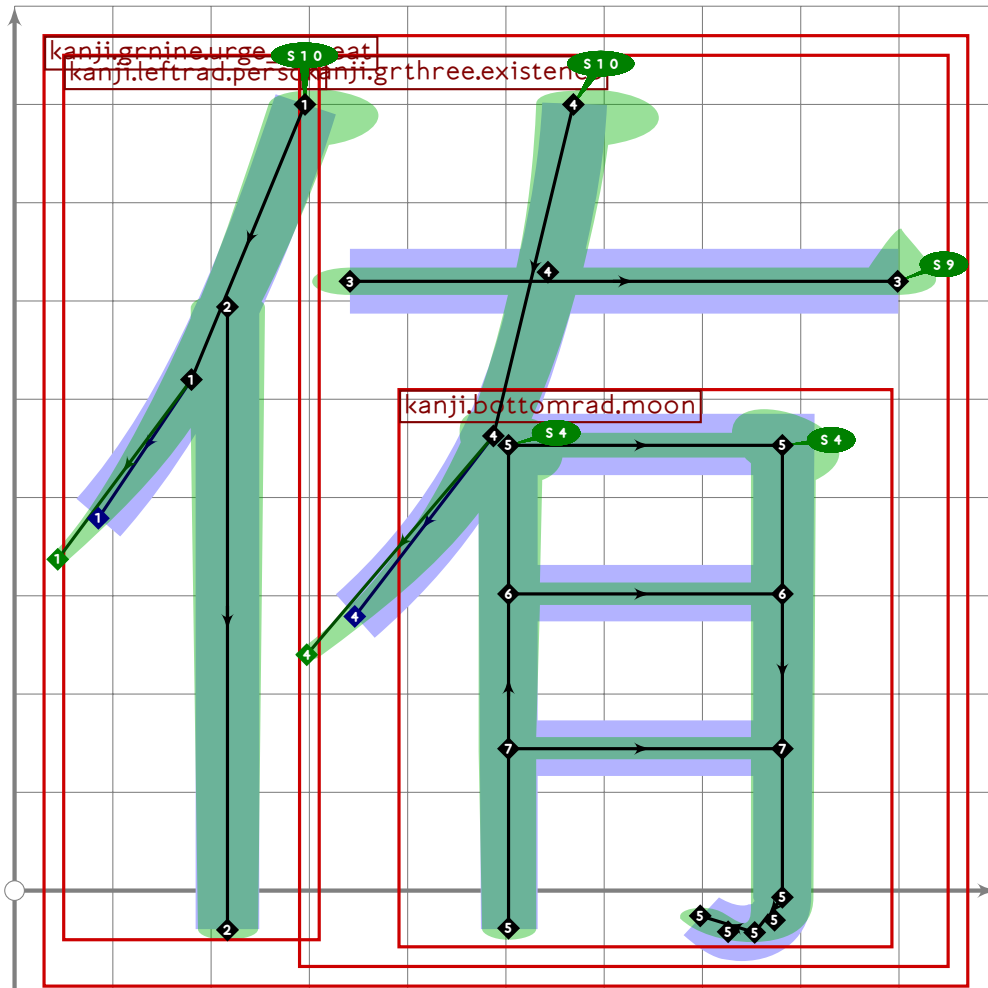
```



```

365
366 vardef kanji.grnine.straw_bags =
367   push_pbox_toexpand("kanji.grnine.straw_bags");
368   build_kanji.lr(300,20)
369     (kanji.leftrad.person)
370     (kanji.grthree.surface);
371   expand_pbox;
372 enddef;

```

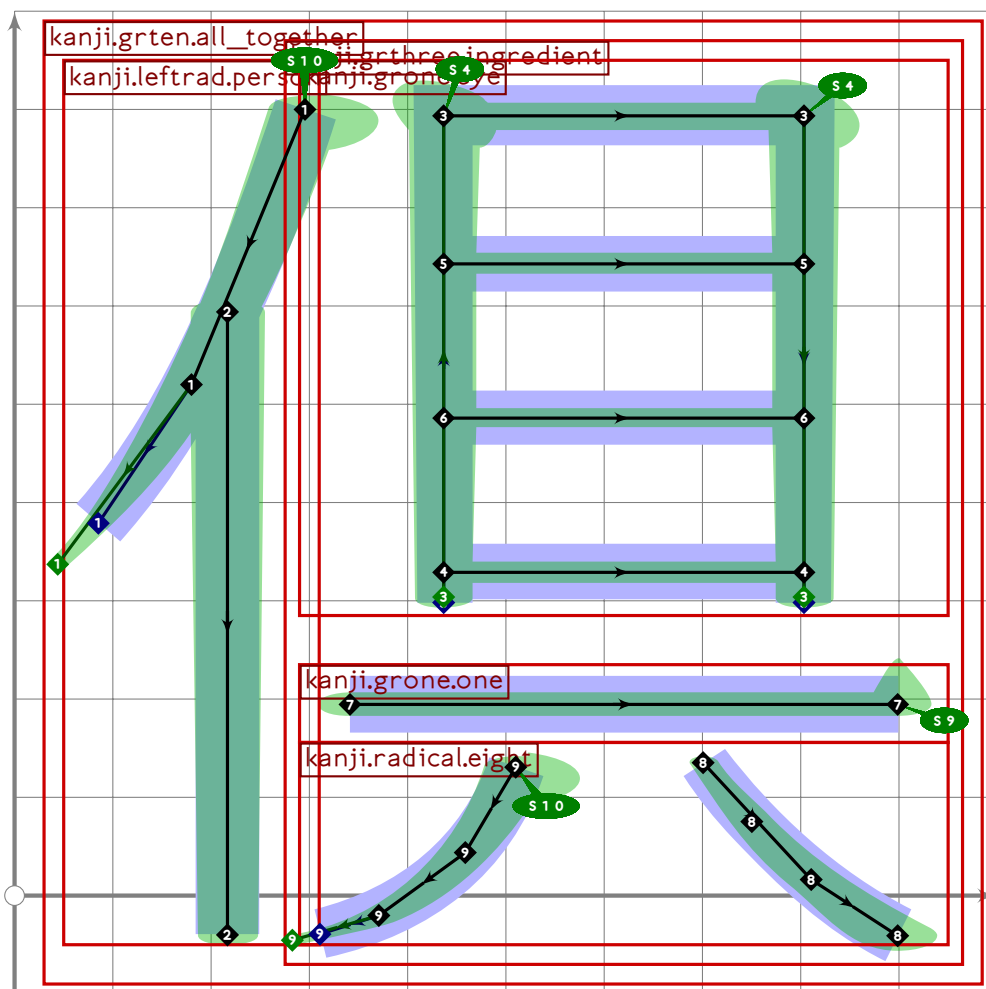


```

373
374 vardef kanji.grnine.urge_to_eat =
375   push_pbox_toexpand("kanji.grnine.urge_to_eat");
376   build_kanji.lr(300,20)
377     (kanji.leftrad.person)
378     (kanji.grthree.existence);
379   expand_pbox;
380 enddef;
381
382
```

U+4FF1  
tsuku.uni4FF1

4F



```

383
384 vardef kanji.grten.all_together =
385   push_pbox_toexpand("kanji.grten.all_together");
386   build_kanji.lr(300,20)
387     (kanji.leftrad.person)
388     (kanji.grthree.ingredient);
389   expand_pbox;
390 enddef;

```

391

392

393

```

394 % i/kare "Italy"
395 begintsuglyph("uni4F0A";10);
396   kanji.grnine.italy;
397   tsu_render;
398 endtsuglyph;
399
400 % go/itsutsu "five"
401 begintsuglyph("uni4F0D";13);
402   kanji.grnine.five;
403   tsu_render;

```

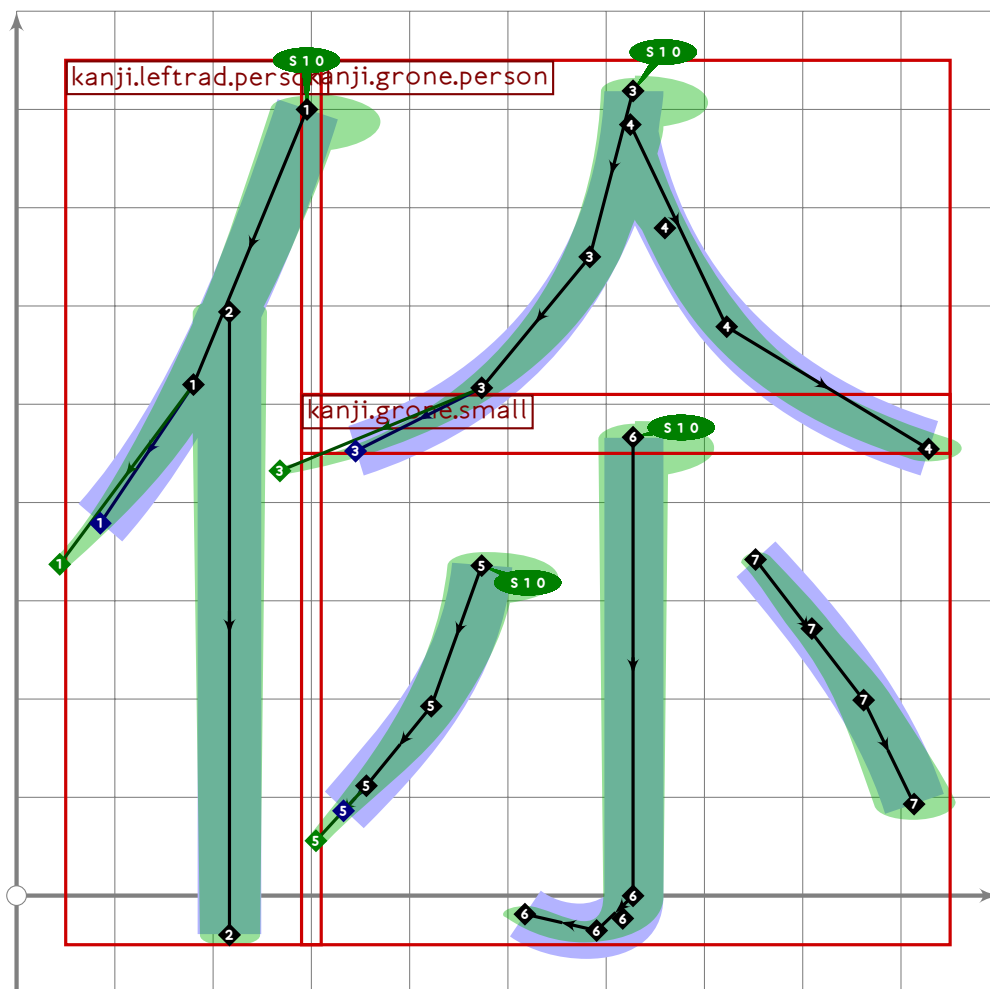
[see page 1831]

[see page 1830]

404 endtsuglyph;  
 405  
 406 % gi/waza "skill"  
 407 begintsuglyph("uni4F0E";14); [see page 1824]  
 408 kanji.greight.skill;  
 409 tsu\_render;  
 410 endtsuglyph;  
 411  
 412 % fuku/fu "prostrate"  
 413 begintsuglyph("uni4F0F";15); [see page 757]  
 414 kanji.greight.prostrate;  
 415 tsu\_render;  
 416 endtsuglyph;  
 417  
 418 % batsu/ki "strike"  
 419 begintsuglyph("uni4F10";16); [see page 1825]  
 420 kanji.greight.strike;  
 421 tsu\_render;  
 422 endtsuglyph;  
 423  
 424 % yasu "vacation"  
 425 begintsuglyph("uni4F11";17); [see page 475]  
 426 kanji.grone.vacation;  
 427 tsu\_render;  
 428 endtsuglyph;  
 429  
 430 % kai/a "meet"  
 431 begintsuglyph("uni4F1A";26); [see page 521]  
 432 kanji.grtwo.meet;  
 433 tsu\_render;  
 434 endtsuglyph;  
 435  
 436 % den/tsuta "tradition"  
 437 begintsuglyph("uni4F1D";29); [see page 1807]  
 438 kanji.grfour.tradition;  
 439 tsu\_render;  
 440 endtsuglyph;  
 441  
 442 % haku "earl"  
 443 begintsuglyph("uni4F2F";47); [see page 1816]  
 444 kanji.greight.earl;  
 445 tsu\_render;  
 446 endtsuglyph;  
 447

U+4F31  
tsuku.uni4F31

4F

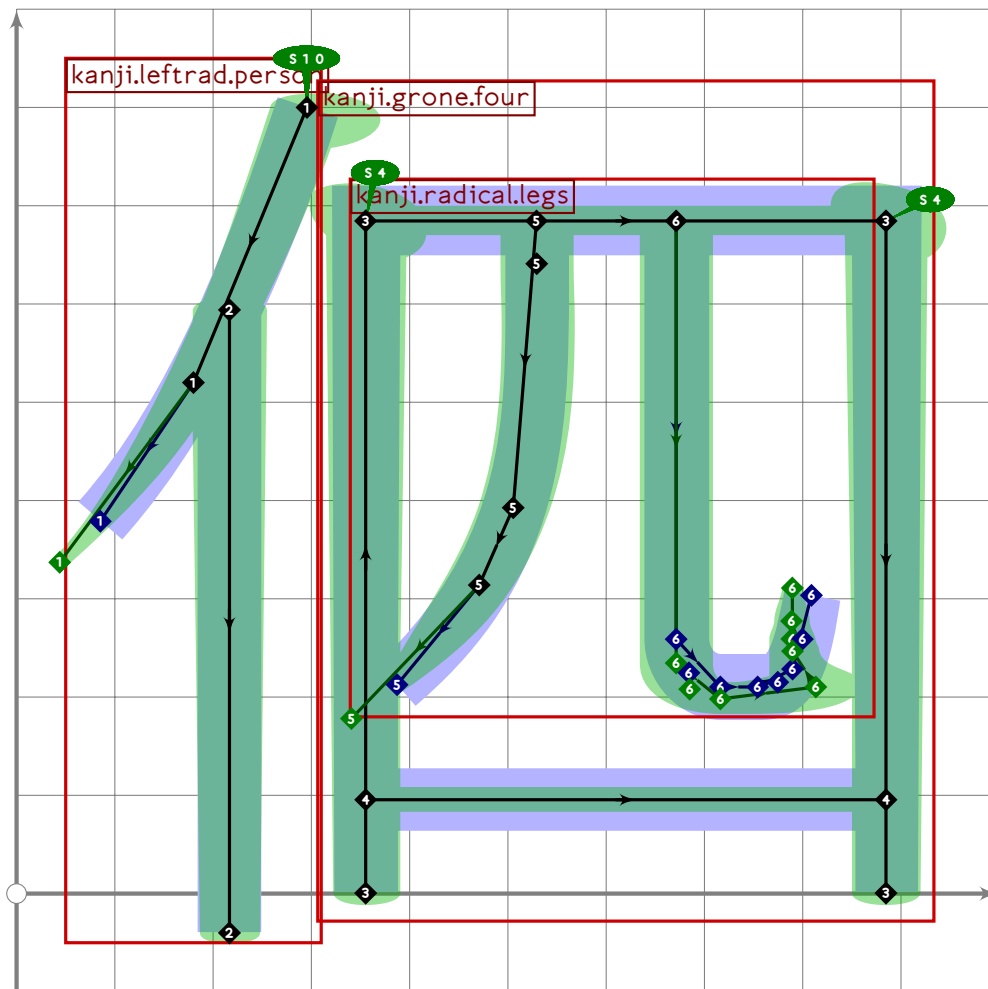


```

448 % extra
449 beginsuglyph("uni4F31";49);
450   build_kanji.lr(300,20)
451     (kanji.leftrad.person)
452     (build_kanji.tb(480,60)
453       (kanji.grone.person)
454       (kanji.grone.small));
455   tsu_render;
456 endtsuglyph;
457
458 % han/tomona "accompany"
459 beginsuglyph("uni4F34";52);
460   kanji.greight.accompany;
461   tsu_render;
462 endtsuglyph;
463

```

[see page 1811]



```

464 % extra
465 begintsuglyph("uni4F35",53);
466   build_kanji.lr(300,20)
467     (kanji.leftrad.person)
468     (build_kanji.sscale(scaled 0.95)(kanji.grone.four));
469   tsu_render;
470 endtsuglyph;
471
472 % shin/no "elongate"
473 begintsuglyph("uni4F38",56);
474   kanji.greight.elongate;
475   tsu_render;
476 endtsuglyph;
477
478 % shi/ukaga "inquiry"
479 begintsuglyph("uni4F3A",58);
480   kanji.greight.inquiry;
481   tsu_render;
482 endtsuglyph;
483
484 % ji/ni "imitate"

```

[see page 1817]

[see page 1820]

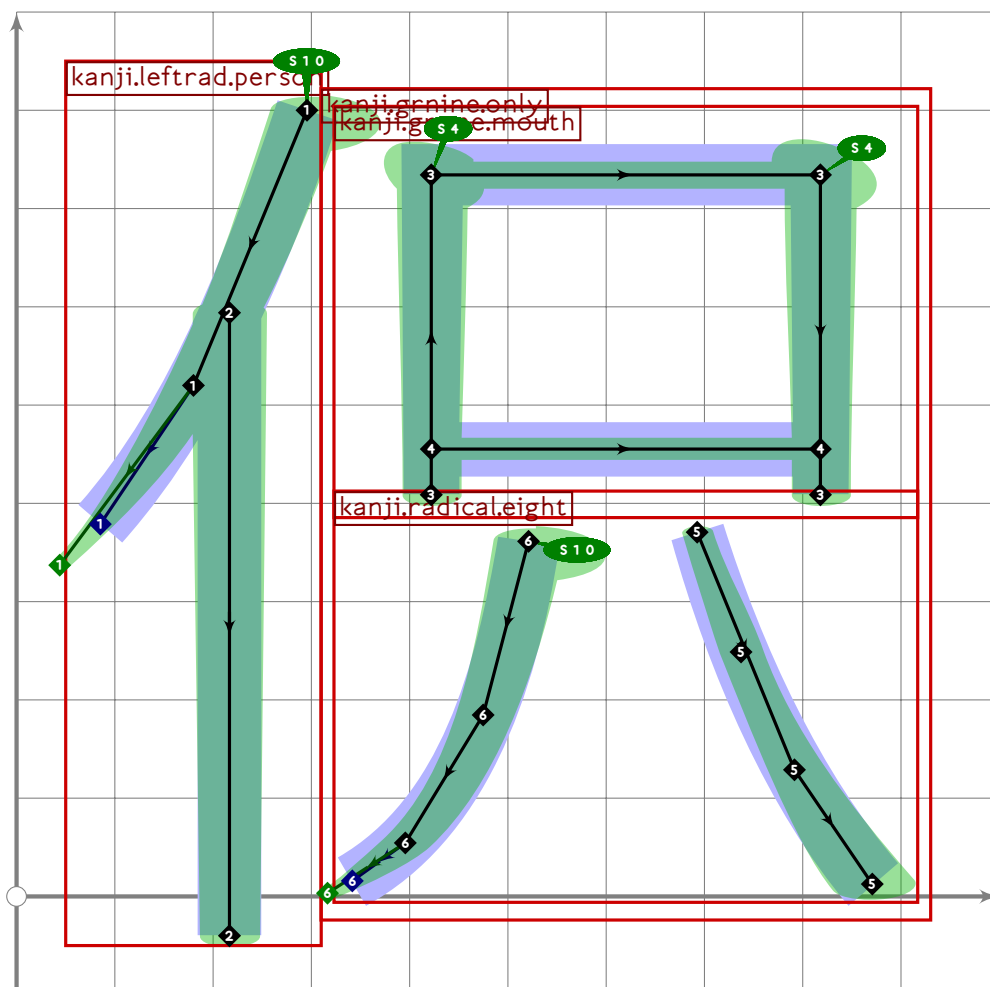
U+4F3F  
tsuku.uni4F3F

4F

```
485 begintsuglyph("uni4F3C",60);
486 kanji.grfive.imitate;
487 tsu_render;
488 endtsuglyph;
489
490 % ka/togi "nurse"
491 begintsuglyph("uni4F3D",61);
492 kanji.grnine.nurse;
493 tsu_render;
494 endtsuglyph;
495
```

[see page 1808]

[see page 1832]



```
496 % extra
497 begintsuglyph("uni4F3F",63);
498 build_kanji.lr(300,20)
499 (kanji.leftrad.person)
500 (build_kanji.sscale(scaled 0.9)(kanji.grnine.only));
501 tsu_render;
502 endtsuglyph;
503
504 % ten/tsukuda "cultivated paddy"
505 begintsuglyph("uni4F43",67);
```

[see page 1833]



506 kanji.grnine.paddy;

507 tsu\_render;

508 endtsuglyph;

509

510 % tan/tada "however"

511 begintsuglyph("uni4F46";70);

[see page 1819]

512 kanji.greight.however;

513 tsu\_render;

514 endtsuglyph;

515

516 % i/kurai "rank"

517 begintsuglyph("uni4F4D";77);

[see page 1806]

518 kanji.grfour.rank;

519 tsu\_render;

520 endtsuglyph;

521

522 % tei/hiku "low" or "humble"

523 begintsuglyph("uni4F4E";78);

[see page 1805]

524 kanji.grfour.low;

525 tsu\_render;

526 endtsuglyph;

527

528 % juu/su "dwell"

529 begintsuglyph("uni4F4F";79);

[see page 1800]

530 kanji.grthree.dwell;

531 tsu\_render;

532 endtsuglyph;

533

534 % suke "assistant"

535 begintsuglyph("uni4F50";80);

[see page 1812]

536 kanji.greight.assistant;

537 tsu\_render;

538 endtsuglyph;

539

540 % suke "assistant"

541 begintsuglyph("uni4F51";81);

[see page 1829]

542 kanji.grnine.assistant;

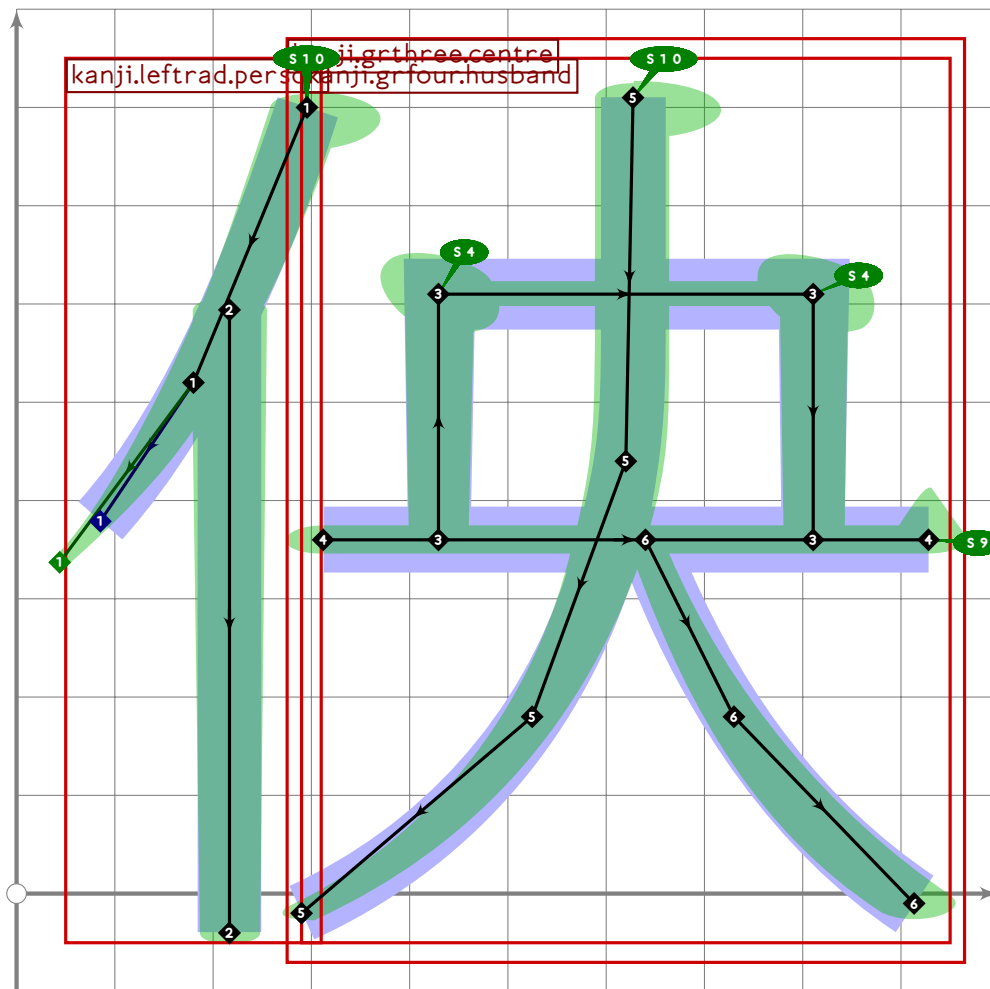
543 tsu\_render;

544 endtsuglyph;

545

U+4F52  
tsuku.uni4F52

4F



```

546 % extra
547 begintsuglyph("uni4F52";82);
548   build_kanji.lr(300,20)
549     (kanji.leftrad.person)
550     (kanji.grthree centre);
551   tsu_render;
552 endtsuglyph;
553
554 % tai/karada "substance"
555 begintsuglyph("uni4F53";83);
556   kanji.grtwo.substance;
557   tsu_render;
558 endtsuglyph;
559
560 % ka/nani "what"
561 begintsuglyph("uni4F55";85);
562   kanji.grtwo.what;
563   tsu_render;
564 endtsuglyph;
565
566 % tsuku "make"

```

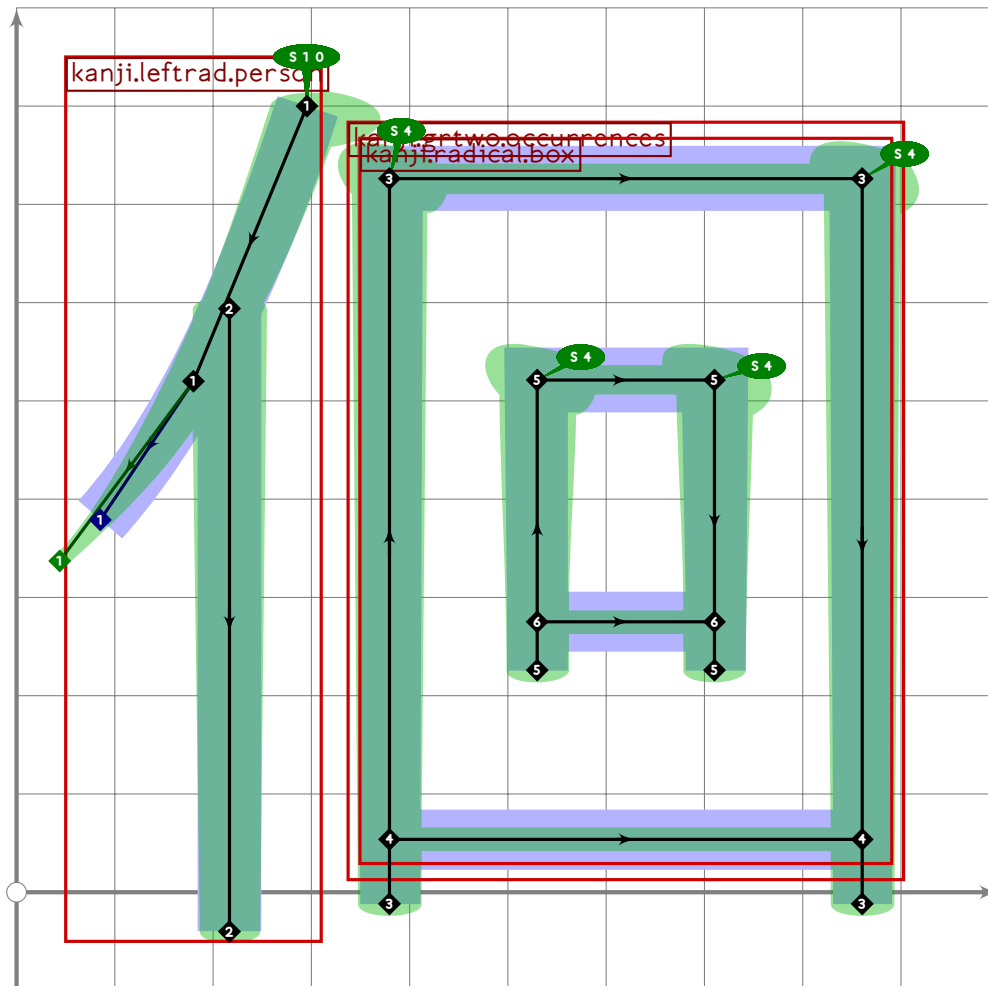
[see page 1798]

[see page 549]

[see page 1797]

```
567 begintsuglyph("uni4F5C";92);
568   kanji.grtwo.make;
569   tsu_render;
570 endsuglyph;
571
```

4F

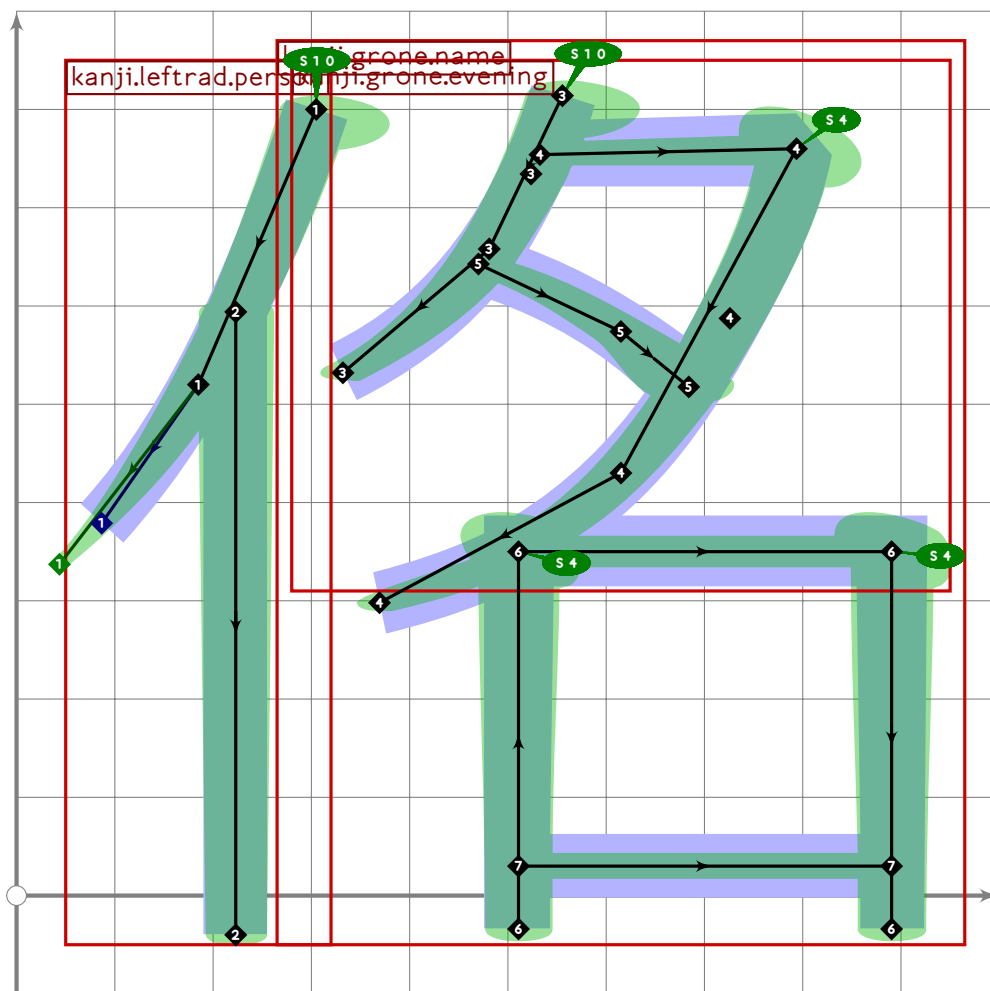


```
572 % extra "hesitate"
573 begintsuglyph("uni4F6A";106);
574   build_kanji.lr(300,20)
575   (kanji.leftrad.person)
576   (build_kanji.sscale(scaled 0.82)(kanji.grtwo.occurrences));
577   tsu_render;
578 endsuglyph;
579
580 % extra "centurion"
581 begintsuglyph("uni4F70";112);
582   kanji.rare.centurion;
583   tsu_render;
584 endsuglyph;
585
```

[see page 806]

U+4F72  
tsuku.uni4F72

4F



```

586 % extra
587 begintsuglyph("uni4F72";114);
588   build_kanji.lr(300,40)
589     (kanji.leftrad.person)
590     (kanji.grone.name);
591   tsu_render;
592 endtsuglyph;
593
594 % ka "excellent"
595 begintsuglyph("uni4F73";115);
596   kanji.greight.excellent;
597   tsu_render;
598 endtsuglyph;
599
600 % hei/awa "unite"
601 begintsuglyph("uni4F75";117);
602   kanji.greight.unite;
603   tsu_render;
604 endtsuglyph;
605
606 % shi/tsuka "use"

```

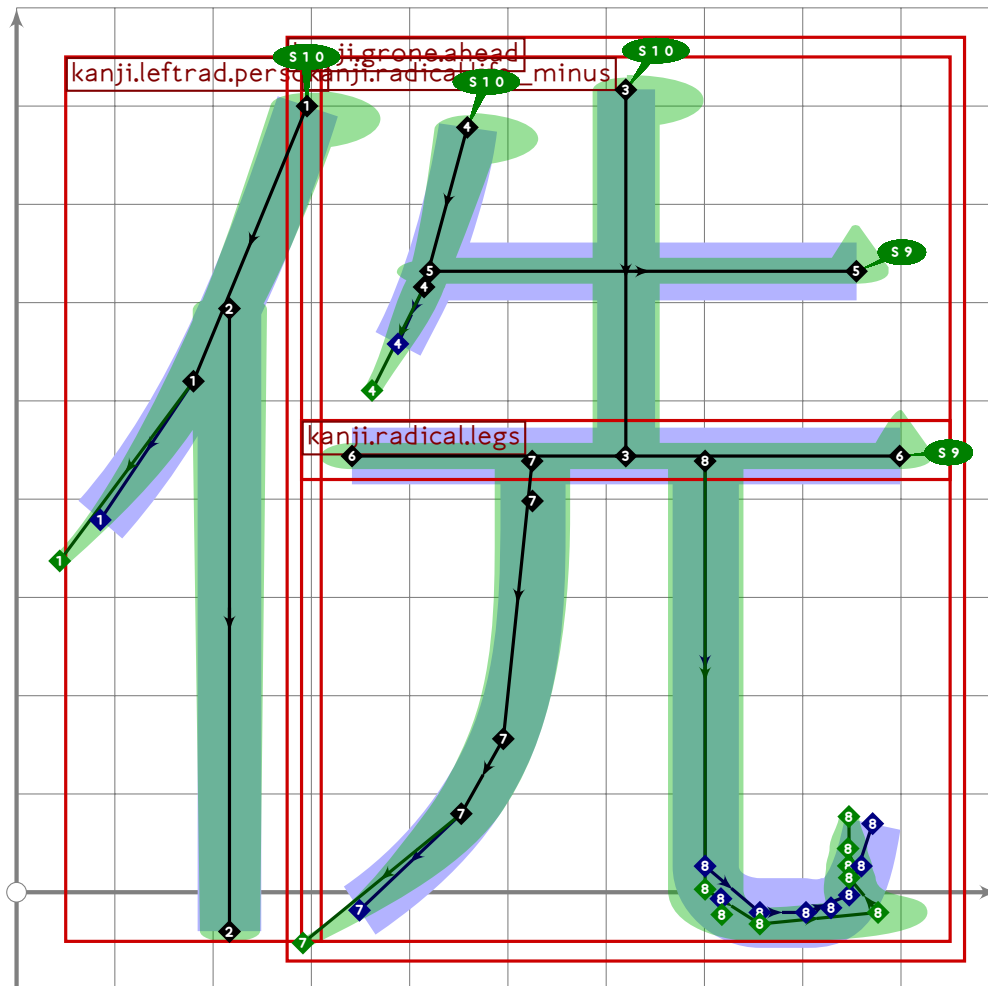
[see page 1818]

[see page 1826]

[see page 1801]

```
607 begintsuglyph("uni4F7F",127);
608     kanji.grthree.use;
609     tsu__render;
610 endtsuglyph;
611
```

4F



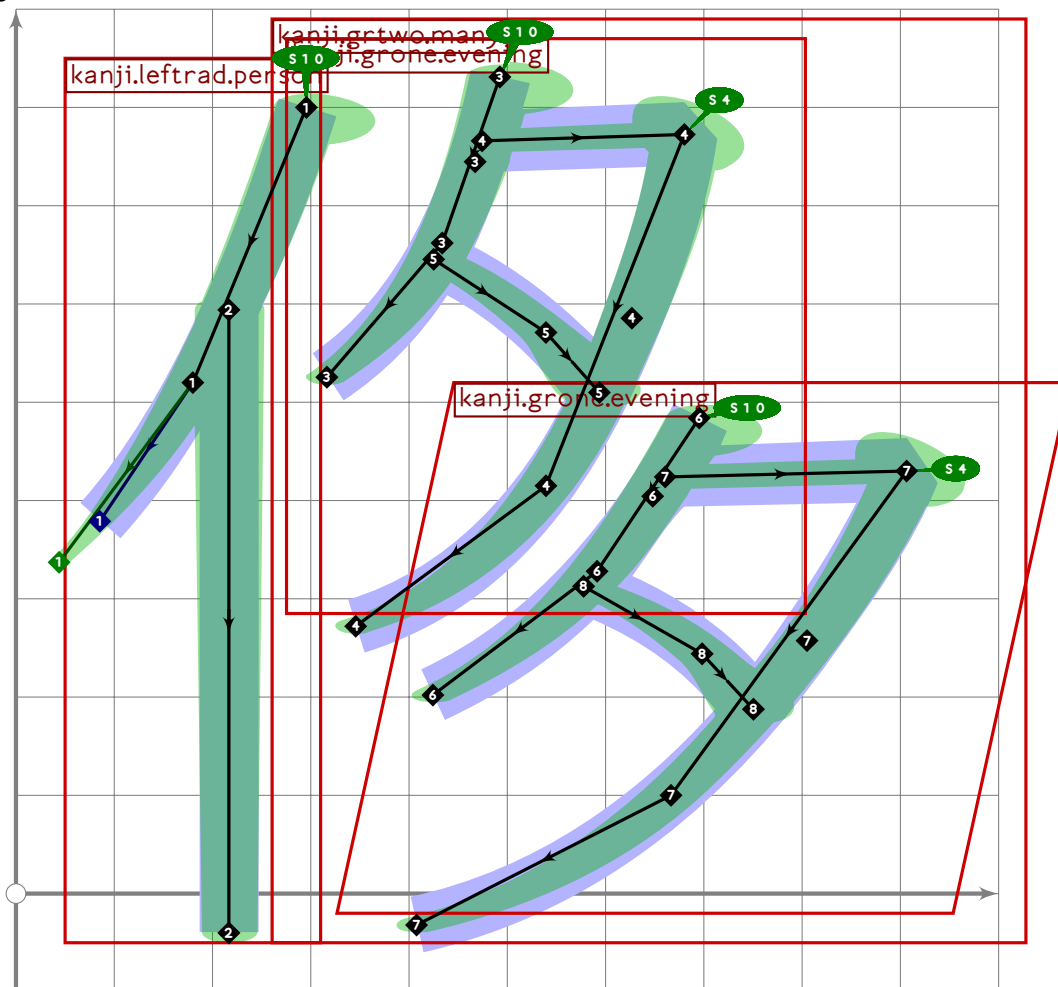
```

612 % extra
613 begintsuglyph("uni4F81",129);
614   build__kanji.lr(300,20)
615     (kanji.leftrad.person)
616     (kanji.grone.ahead);
617   tsu_render;
618 endtsuglyph;
619

```

U+4F88  
tsuku.uni4F88

4F



```

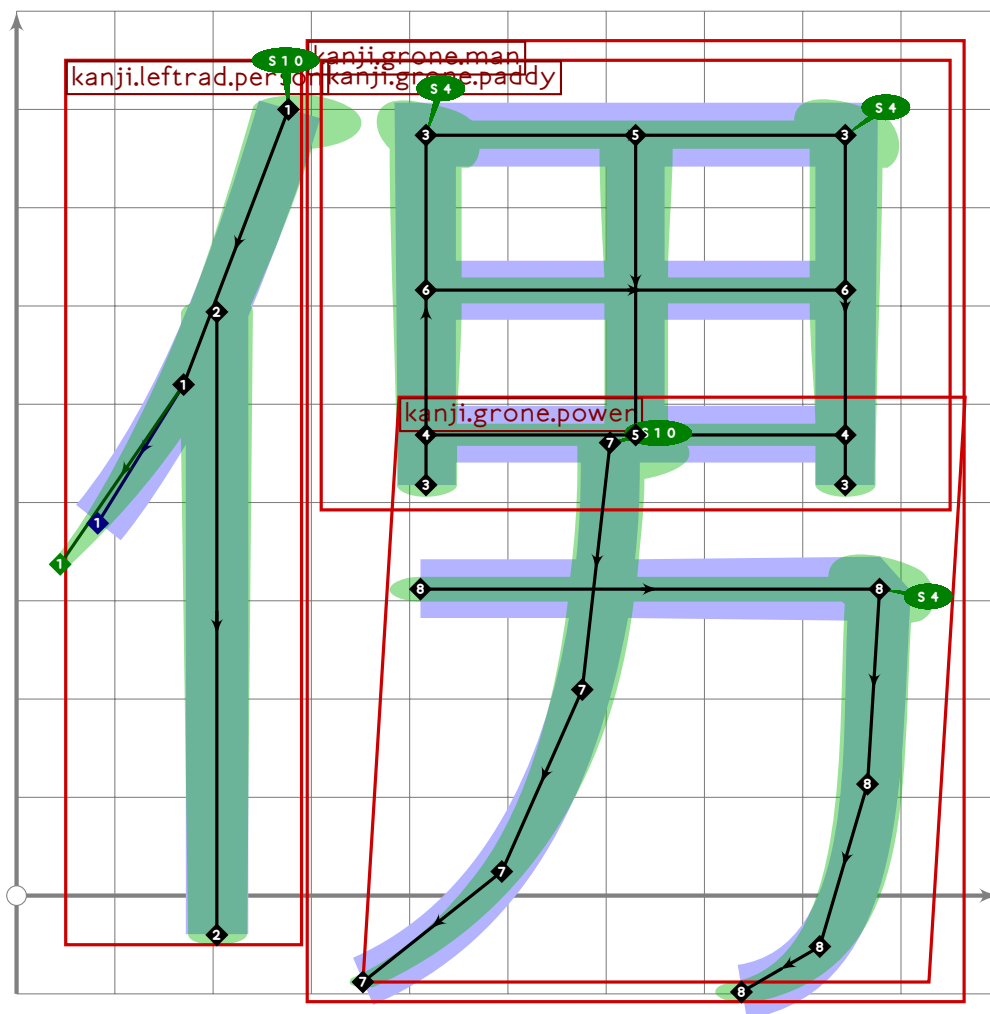
620 % extra "luxury"
621 begintsuglyph("uni4F88";136);
622   build_kanji.level(build_kanji.lr(300,20)
623     (kanji.leftrad.person)
624     (kanji.grtwo.many));
625   tsu_render;
626 endtsuglyph;
627
628 % rei/tato "example"
629 begintsuglyph("uni4F8B";139);
630   kanji.grfour.example;
631   tsu_render;
632 endtsuglyph;
633
634 % Chinese character needed for "yin"
635 begintsuglyph("uni4F8C";140);
636   kanji.rare.yin;
637   tsu_render;
638 endtsuglyph;
639
640 % ji/samurai "samurai"

```

[see page 1804]

[see page 844]

641	begintsuglyph("uni4F8D";141);	[see page 1822]
642	kanji.greight.samurai;	
643	tsu_render;	
644	endtsuglyph;	
645		
646	% yuu/susu "urge [another] to eat"	
647	begintsuglyph("uni4F91";145);	[see page 1835]
648	kanji.grnine.urge_to_eat;	
649	tsu_render;	
650	endtsuglyph;	
651		
652	% kyuu/domo "offer"	
653	begintsuglyph("uni4F9B";155);	[see page 1810]
654	kanji.grsix.offer;	
655	tsu_render;	
656	endtsuglyph;	
657		
658	% i/yo "dependency"	
659	begintsuglyph("uni4F9D";157);	[see page 1815]
660	kanji.greight.dependency;	
661	tsu_render;	
662	endtsuglyph;	
663		
664	% bu/anado "scorn"	
665	begintsuglyph("uni4FAE";174);	[see page 1823]
666	kanji.greight.scorn;	
667	tsu_render;	
668	endtsuglyph;	
669		
670	% ryo/tomo "companion"	
671	begintsuglyph("uni4FB6";182);	[see page 1814]
672	kanji.greight.companion;	
673	tsu_render;	
674	endtsuglyph;	
675		



```

676 % extra
677 begintsuglyph("uni4FBD";189);
678   build_kanji.lr(300;20)
679   (kanji.leftrad.person)
680   (kanji.grone.man);
681   tsu_render;
682 endtsuglyph;
683
684 % ben/tayo "convenience"
685 begintsuglyph("uni4FBF";191);
686   kanji.grfour.convenience;
687   tsu_render;
688 endtsuglyph;
689
690 % kei/kaka "person in charge"
691 begintsuglyph("uni4FC2";194);
692   kanji.grthree.duty_officer;
693   tsu_render;
694 endtsuglyph;
695
696 % soku/unaga "urge"

```

[see page 1803]

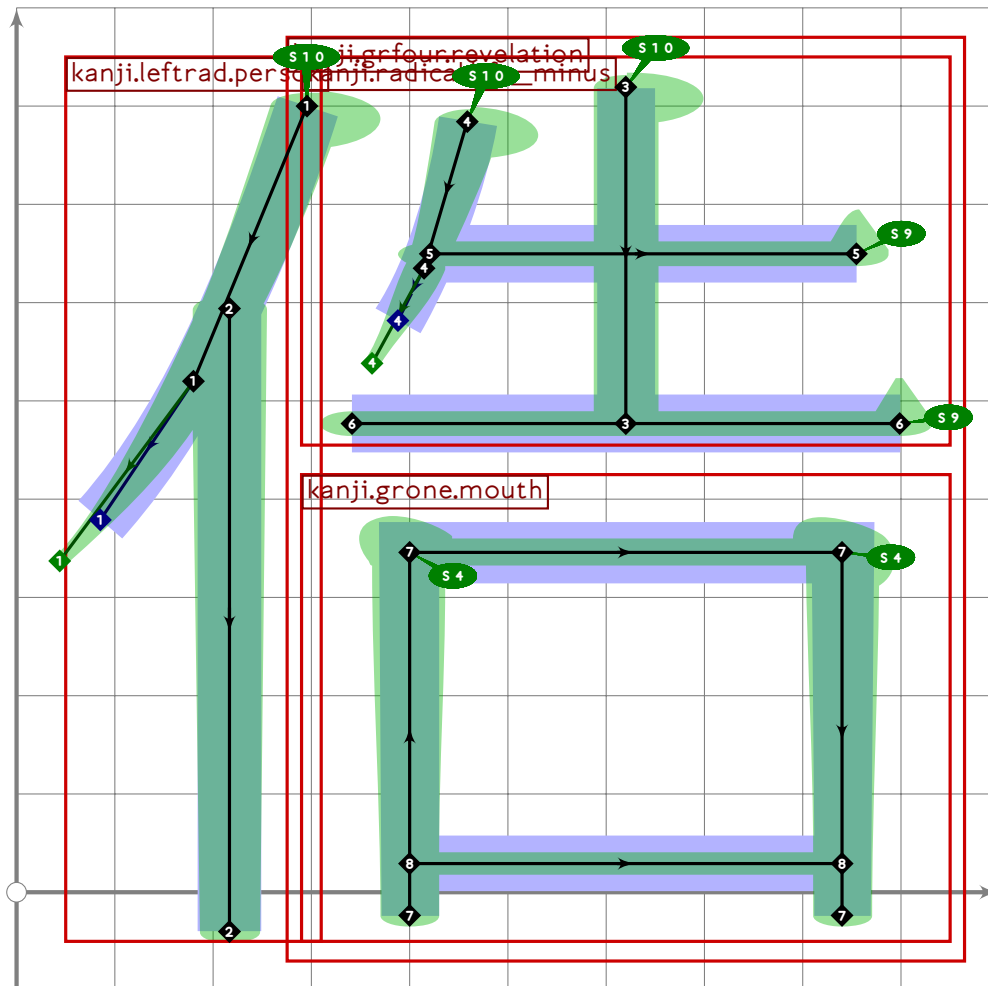
[see page 1799]



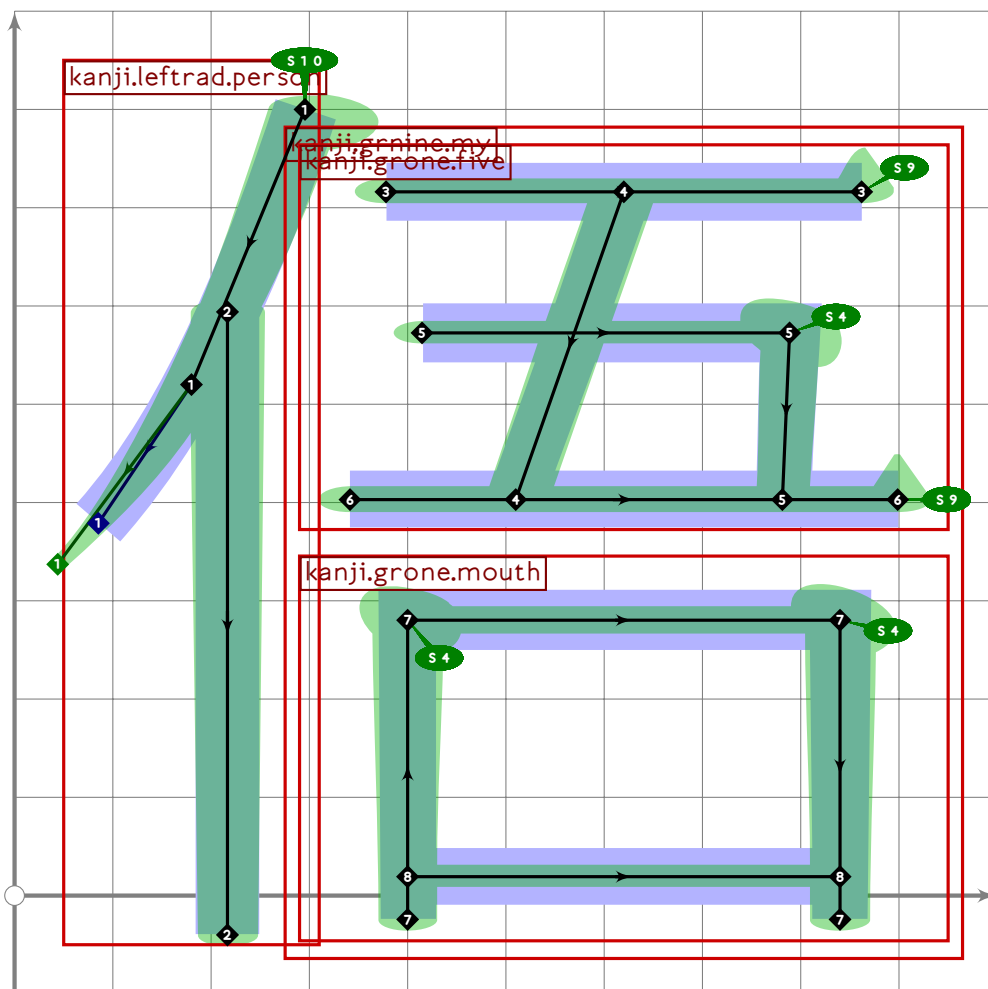
[see page 1827]

```
697 begintsuglyph("uni4FC3";195);
698   kanji.greight.urge;
699   tsu_render;
700 endtsuglyph;
701
```

4F



```
702 % extra
703 begintsuglyph("uni4FC8";200);
704   build_kanji.lr(300,20)
705     (kanji.leftrad.person)
706     (kanji.grfour.revelation);
707   tsu_render;
708 endtsuglyph;
709
```



```

710 % extra
711 begintsuglyph("uni4FC9";201);
712   build_kanji.lr(300,20)
713     (kanji.leftrad.person)
714     (build_kanji.scale(yscaled 0.9 shifted (0,-40))
715       (kanji.grnine.my));
716   tsu_render;
717 endtsuglyph;
718
719 % ri/kashiko "clever"
720 begintsuglyph("uni4FD0";208);
721   kanji.greight.clever;
722   tsu_render;
723 endtsuglyph;
724
725 % zoku "worldly"
726 begintsuglyph("uni4FD7";215);
727   kanji.greight.worldly;
728   tsu_render;
729 endtsuglyph;
730
```

[see page 1813]

[see page 1828]

731 % ho/tamo "protect"  
 732 begintsuglyph("uni4FDD",221); [see page 644]  
 733 kanji.grfive.protect;  
 734 tsu\_render;  
 735 endtsuglyph;  
 736  
 737 % shin "believe"  
 738 begintsuglyph("uni4FE1",225); [see page 1802]  
 739 kanji.grfour.believe;  
 740 tsu\_render;  
 741 endtsuglyph;  
 742  
 743 % ku/tamomi "all together"  
 744 begintsuglyph("uni4FF1",241); [see page 1836]  
 745 kanji.grten.all\_together;  
 746 tsu\_render;  
 747 endtsuglyph;  
 748  
 749 % hai "haiku"  
 750 begintsuglyph("uni4FF3",243); [see page 1809]  
 751 kanji.grsix.haiku;  
 752 tsu\_render;  
 753 endtsuglyph;  
 754  
 755 % hyou/tawara "counter for straw bags"  
 756 begintsuglyph("uni4FF5",245); [see page 1834]  
 757 kanji.grnine.straw\_bags;  
 758 tsu\_render;  
 759 endtsuglyph;  
 760  
 761 % en/ore "me" (masculine, aggressive, more so than "boku")  
 762 begintsuglyph("uni4FFA",250); [see page 1821]  
 763 kanji.greight.me\_macho;  
 764 tsu\_render;  
 765 endtsuglyph;  
 766  
 767 \_\_\_\_\_  
 768  
 769 endfont;  
 770  
 771 \_\_\_\_\_

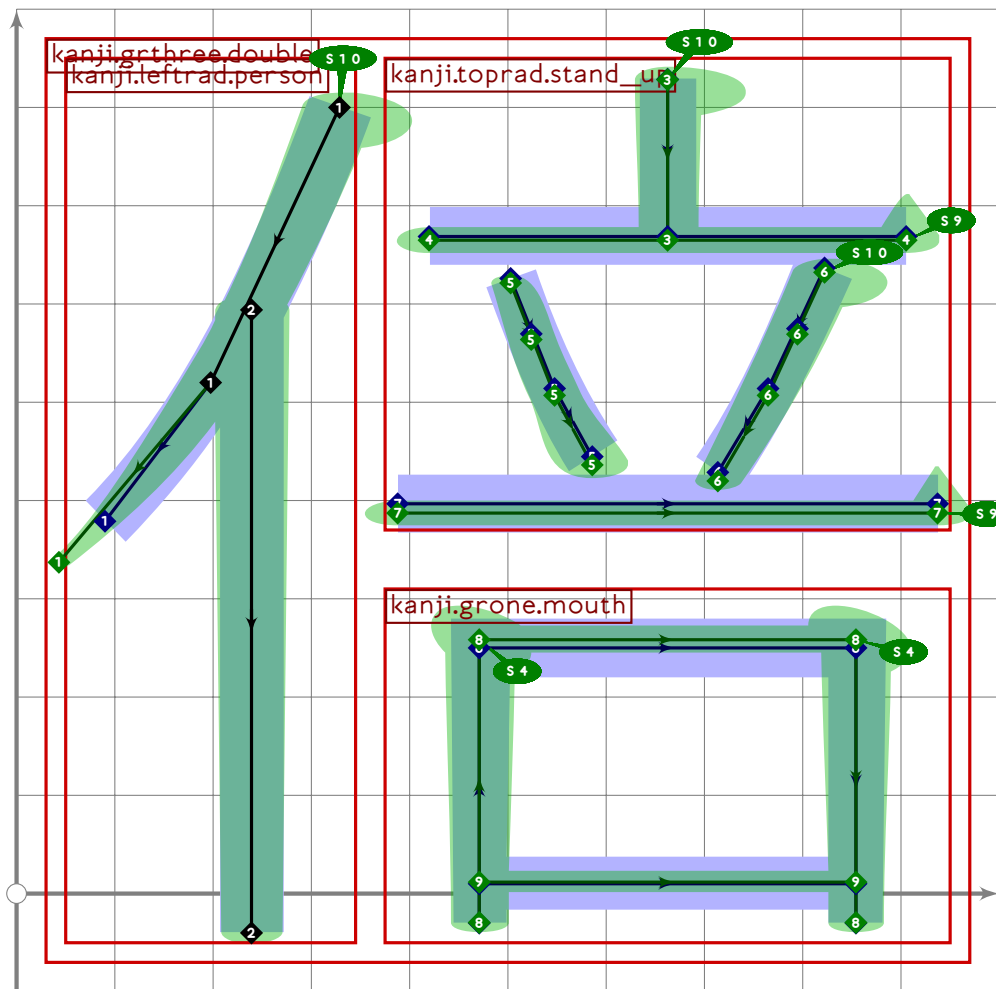
```
1 %
2 % Unicode page 50 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

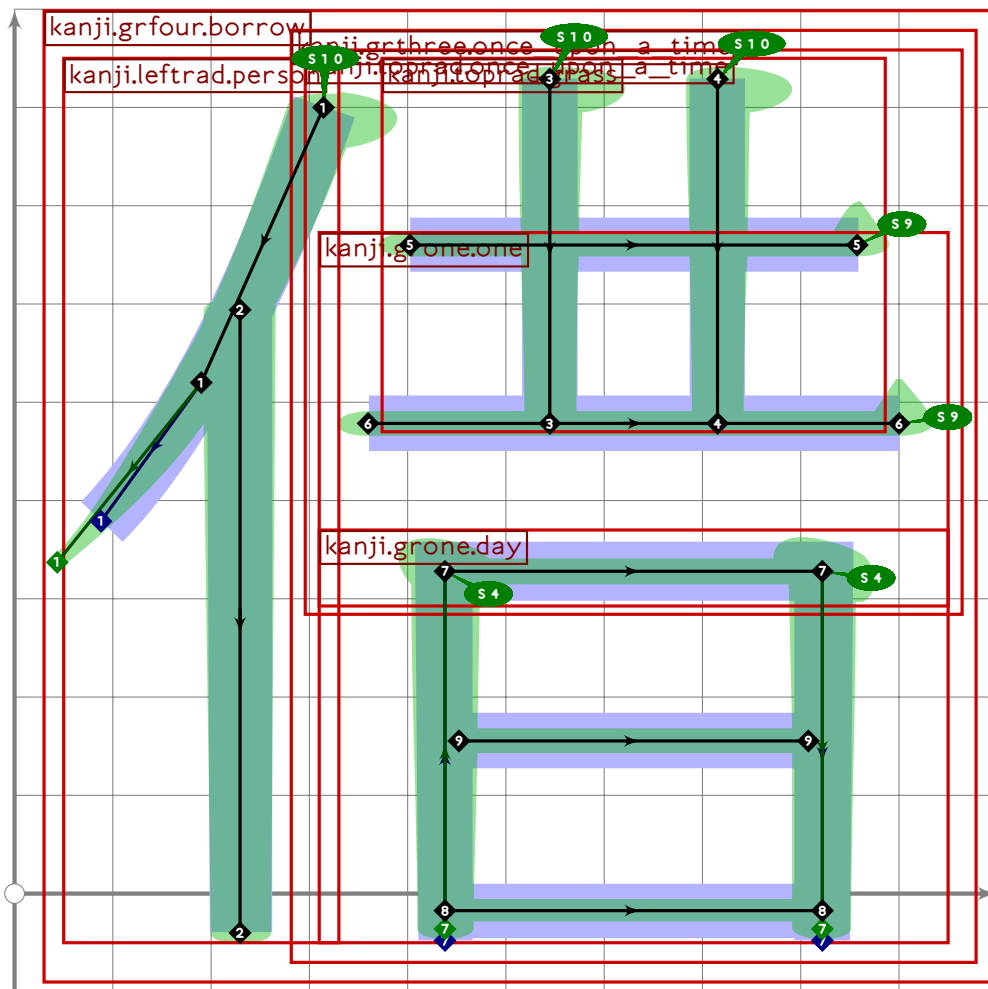

```



```

52
53 vardef kanji.grthree.double =
54   push_pbox_toexpand("kanji.grthree.double");
55   build_kanji.lr(360,-30)
56     (kanji.leftrad.person)
57     (build_kanji.tb(340;60+20*mincho)
58       (kanji.toprad.stand_up)
59       (kanji.grone.mouth));
60   expand_pbox;
61 enddef;
62
63

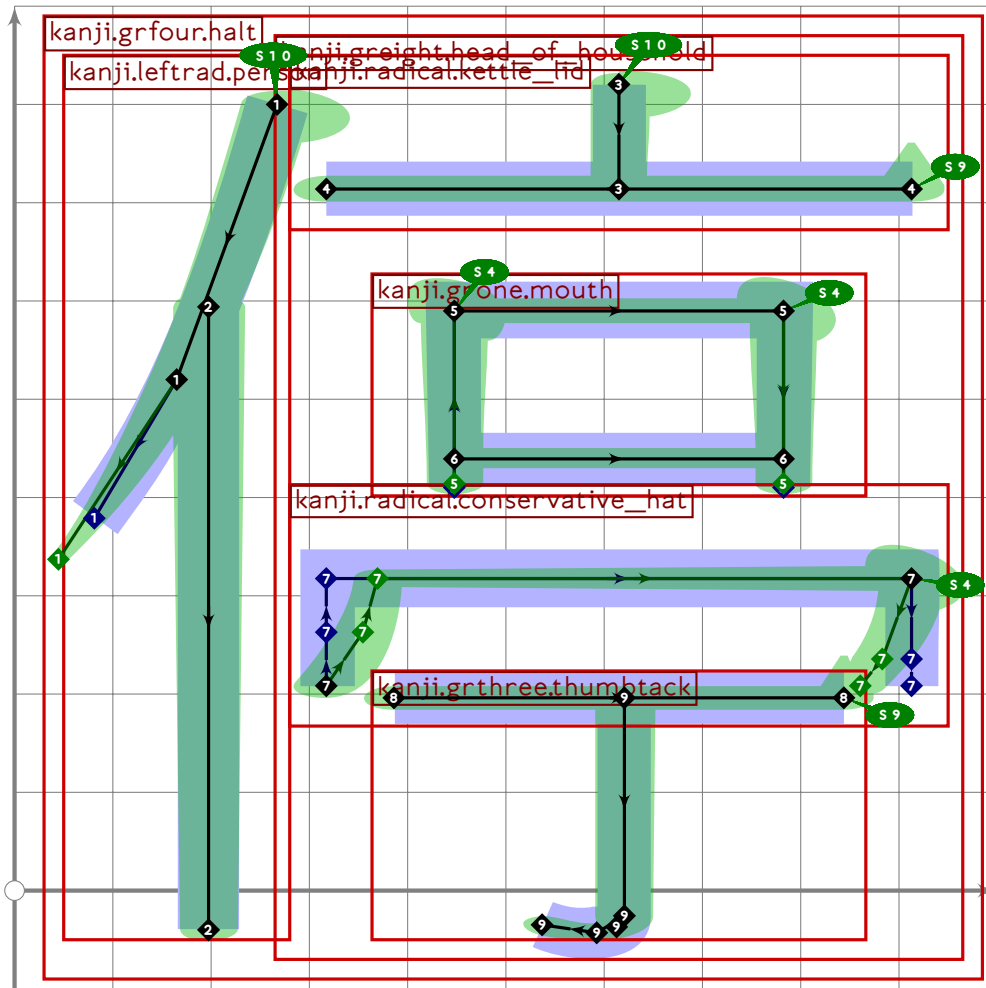
```



```

64
65 vardef kanji.grfour.borrow =
66   push_pbox_toexpand("kanji.grfour.borrow");
67   build_kanji.lr(320,20)
68     (kanji.leftrad.person)
69     (kanji.grthree.once_upon_a_time);
70   expand_pbox;
71 enddef;

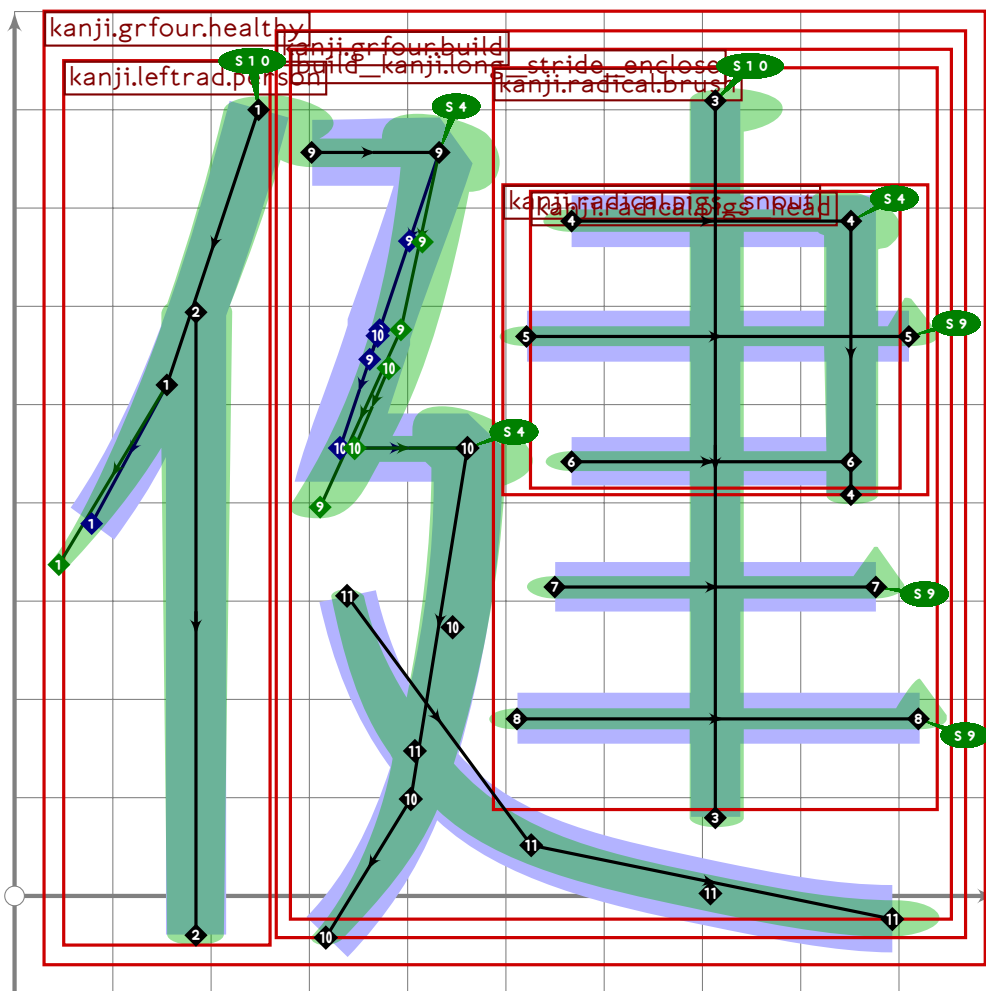
```



```

72
73 vardef kanji.grfour.halt =
74   push_pbox_toexpand("kanji.grfour.halt");
75   build_kanji.lr(280,0)
76     (kanji.leftrad.person)
77     (kanji.greight.head_of_household);
78   expand_pbox;
79 enddef;

```

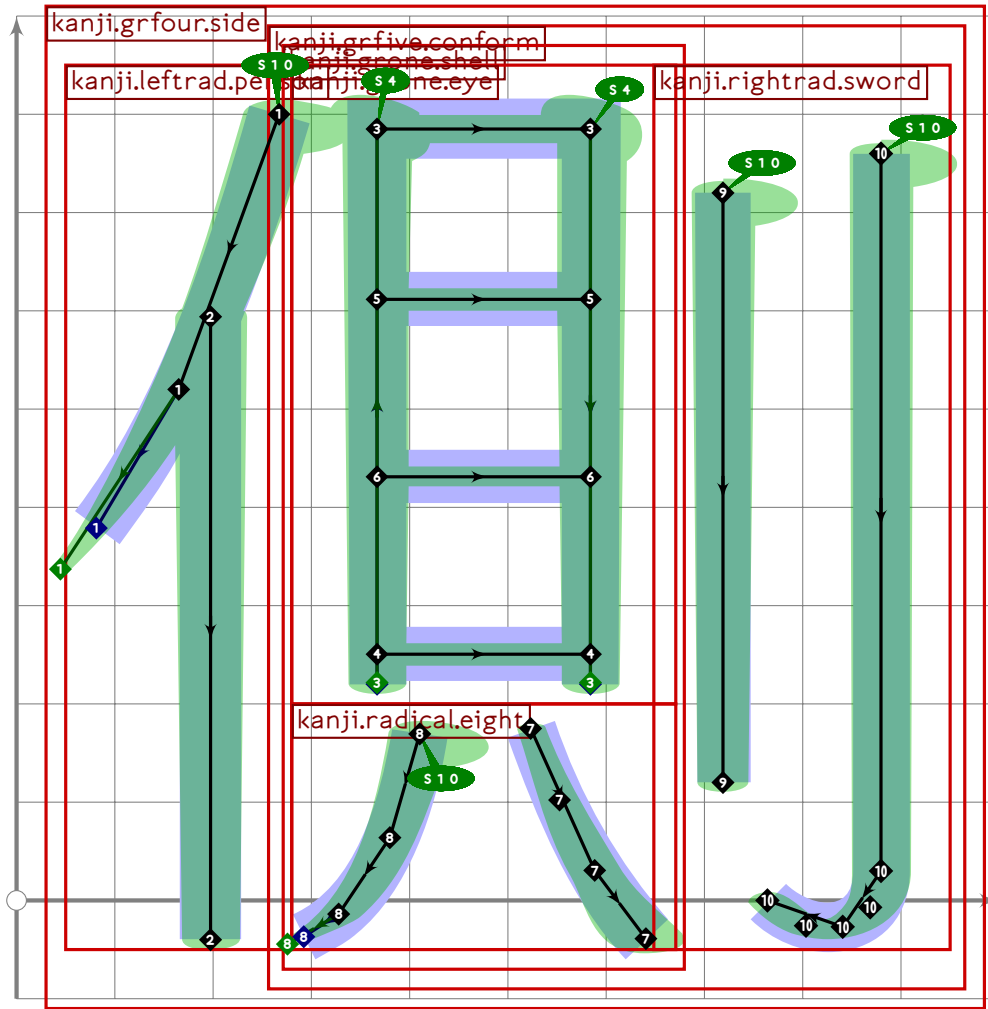


```

80
81 vardef kanji.grfour.healthy =
82   push_pbox_toexpand("kanji.grfour.healthy");
83   build_kanji.lr(260,0)
84     (kanji.leftrad.person)
85     (build_kanji.sscale(scaled 0.94)(kanji.grfour.build));
86   expand_pbox;
87 enddef;

```

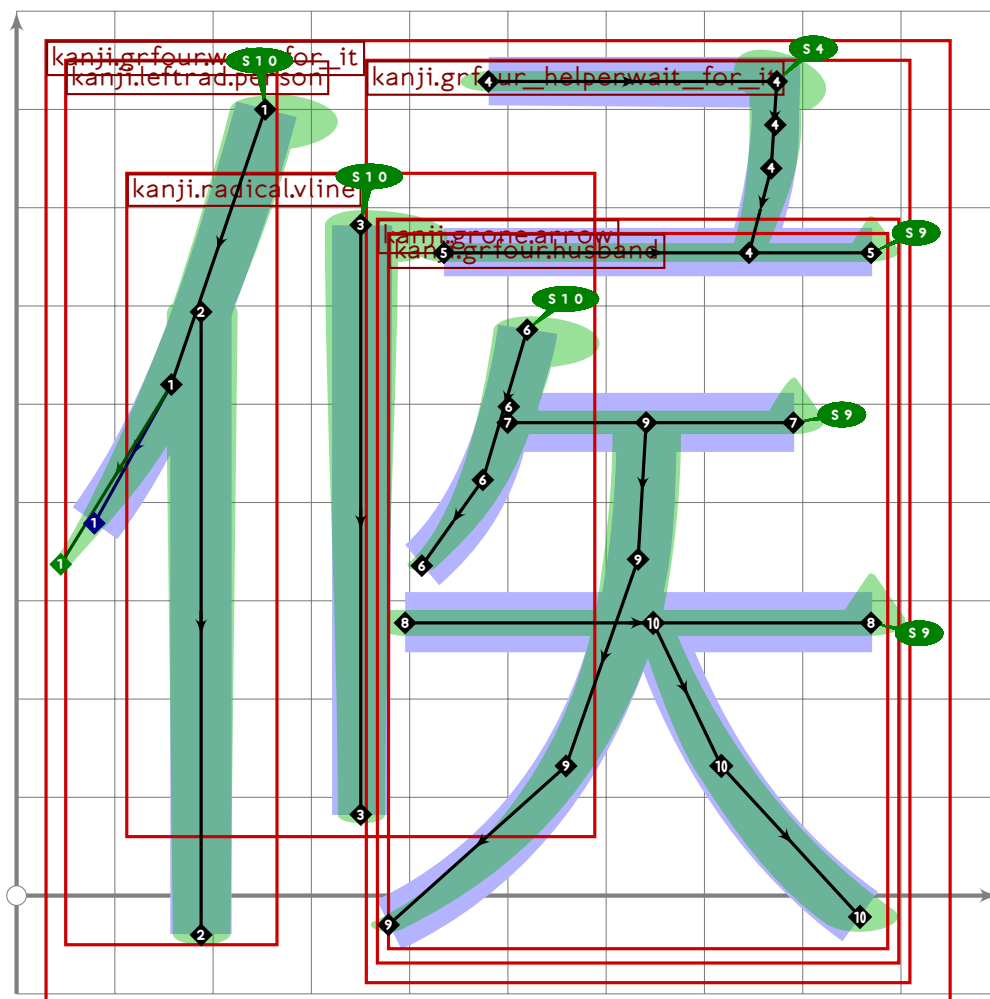




```

88
89 vardef kanji.grfour.side =
90   push_pbox_toexpand("kanji.grfour.side");
91   build_kanji.lr(280,0)
92     (kanji.leftrad.person)
93     (kanji.grfive.conform);
94   expand_pbox;
95 enddef;
96
97 vardef kanji.grfour_helper.wait_for_it =
98   push_pbox_toexpand("kanji.grfour_helper.wait_for_it");
99   build_kanji.tb(620,-30)
100     (push_stroke((230,760)-(750,760)..tension 1.2..(740,390)..(700,30),
101       (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.2,1.2));
102     set_botip(0,1);
103     set_boserif(0,14);
104     push_stroke((150,30)-(920,30),(1.5,1.5)-(1.5,1.5));
105     set_boserif(0,19))
106     (kanji.grtwo.arrow);
107   expand_pbox;
108 enddef;

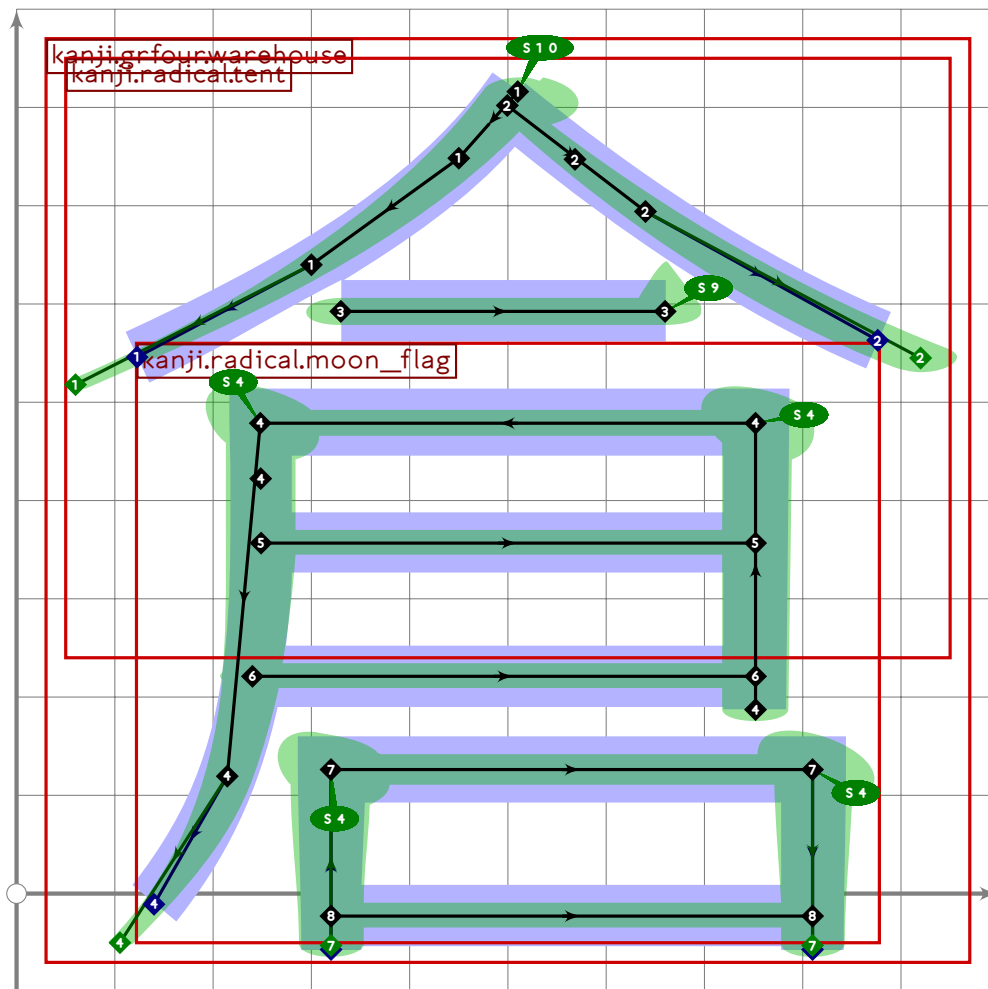
```



```

109
110 vardef kanji.grfour.wait_for_it =
111   push_pbox_toexpand("kanji.grfour.wait_for_it");
112   build_kanji.lr(290;50)
113     (kanji.leftrad.person)
114     (build_kanji.sscale(scaled 0.75 shifted (-400,0))(kanji.radical.vline);
115     build_kanji.sscale(xscaled 0.8)(kanji.grfour_helper.wait_for_it));
116   expand_pbox;
117 enddef;

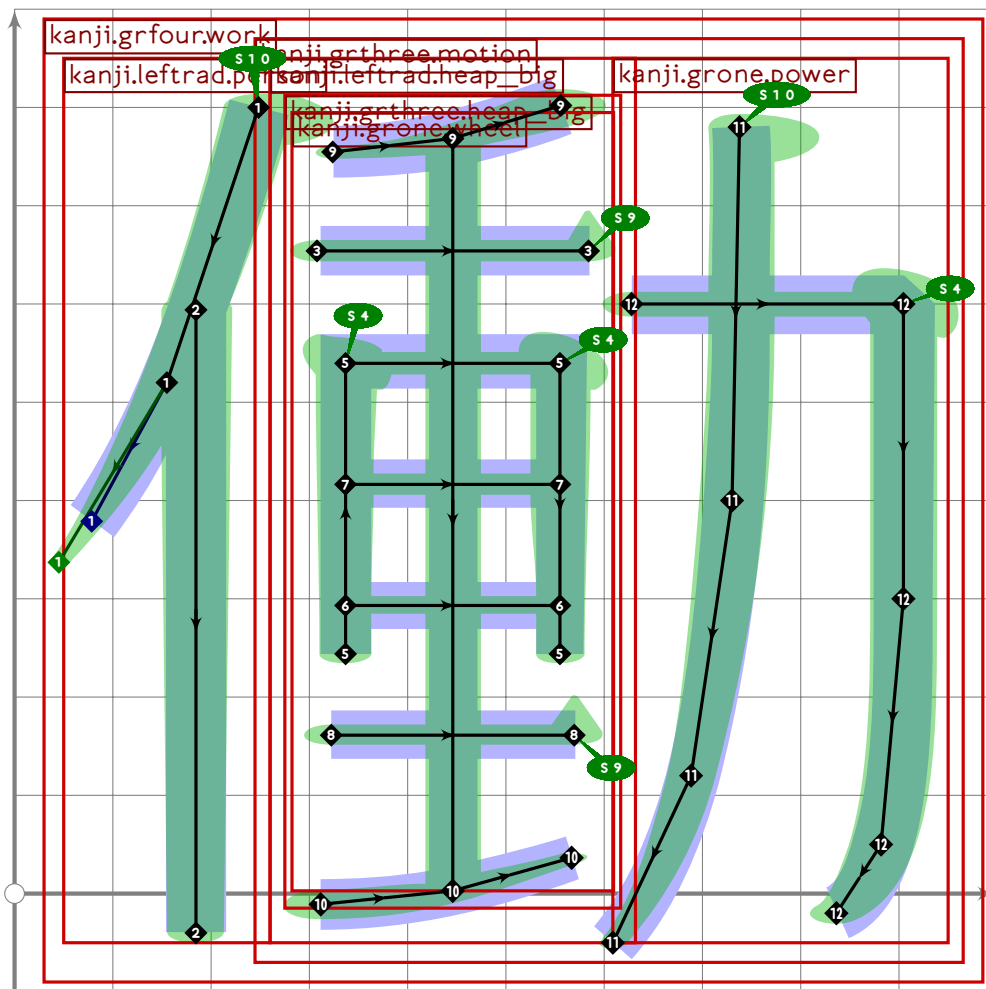
```



```

118
119 vardef kanji.grfour.warehouse =
120   push_pbox_toexpand("kanji.grfour.warehouse");
121   build_kanji.level(build_kanji.tb(400,320)
122     (kanji.radical.tent)
123     (build_kanji.sscale(xscaled 0.84)(kanji.radical.moon_flag);
124     build_kanji.box((320,210),(810,-10)))));
125   expand_pbox;
126 enddef;

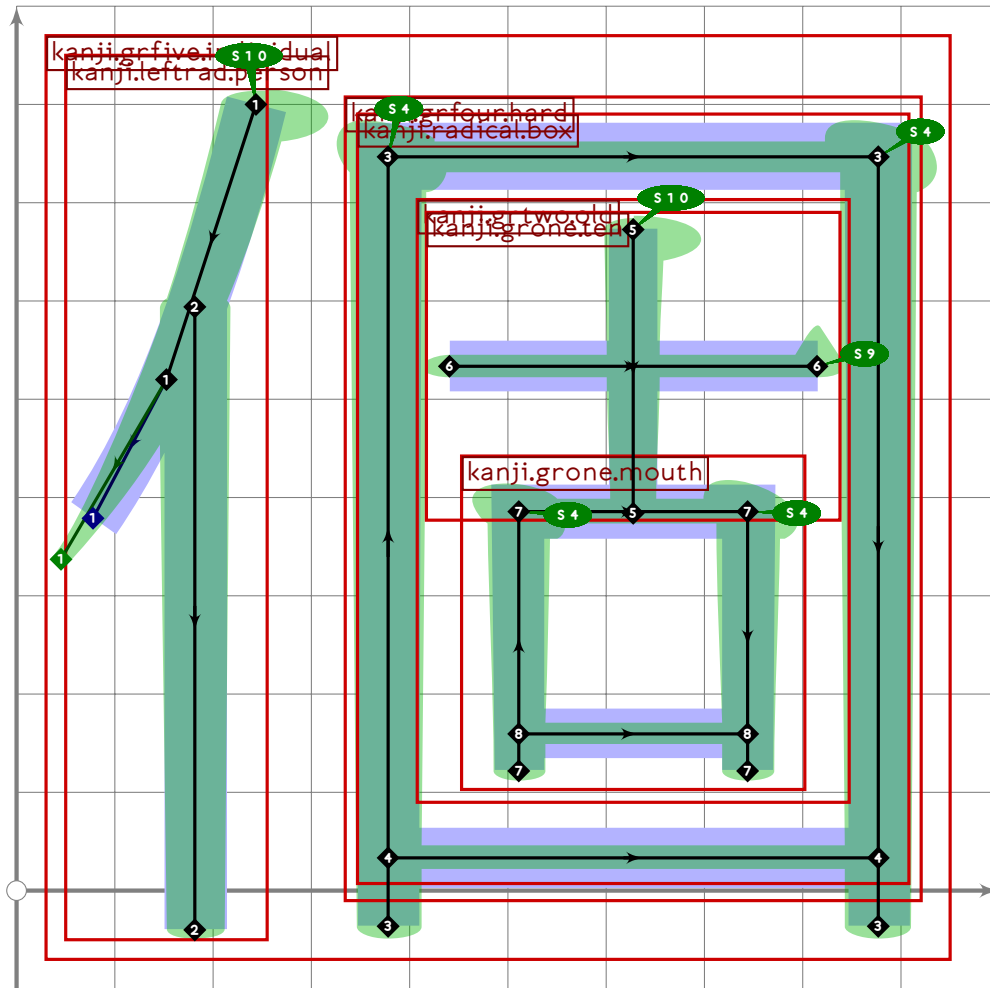
```



```

127
128 vardef kanji.grfour.work =
129   push_pbox_toexpand("kanji.grfour.work");
130   build_kanji.lr(260,0)
131     (kanji.leftrad.person)
132     (kanji.grthree.motion);
133   expand_pbox;
134 enddef;
135
136

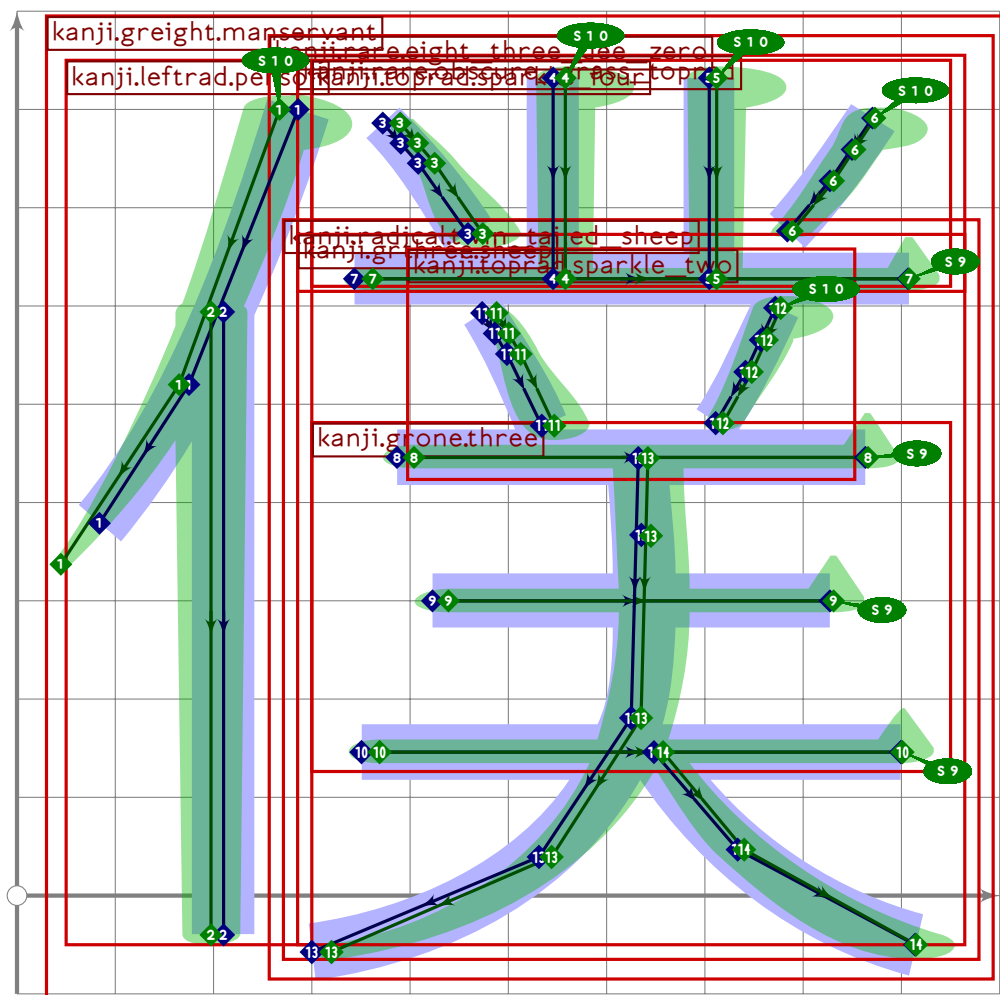
```



```

137
138 vardef kanji.grfive.individual =
139   push_pbox_toexpand("kanji.grfive.individual");
140   build_kanji.lr(280,-50)
141     (kanji.leftrad.person)
142     (build_kanji.sscale(scaled 0.87)(kanji.grfour.hard));
143   expand_pbox;
144 enddef;
145
146

```



```

147
148 vardef kanji.greight.manservant =
149   push_pbox_toexpand("kanji.greight.manservant");
150   build_kanji.lr(300,-40*mincho)
151     (kanji.leftrad.person)
152     (kanji.rare.eight_three_dee_zero);
153   expand_pbox;
154 enddef;
155
156
157
158 % sou/kura "warehouse"
159 begintsuglyph("uni5009"9);
160   kanji.grfour.warehouse;
161   tsu_render;
162 endtsuglyph;
163
164 % ko "individual" or "counter for things"
165 begintsuglyph("uni500B"11);
166   kanji.grfive.individual;
167   tsu_render;

```

[see page 1859]

[see page 1861]

```

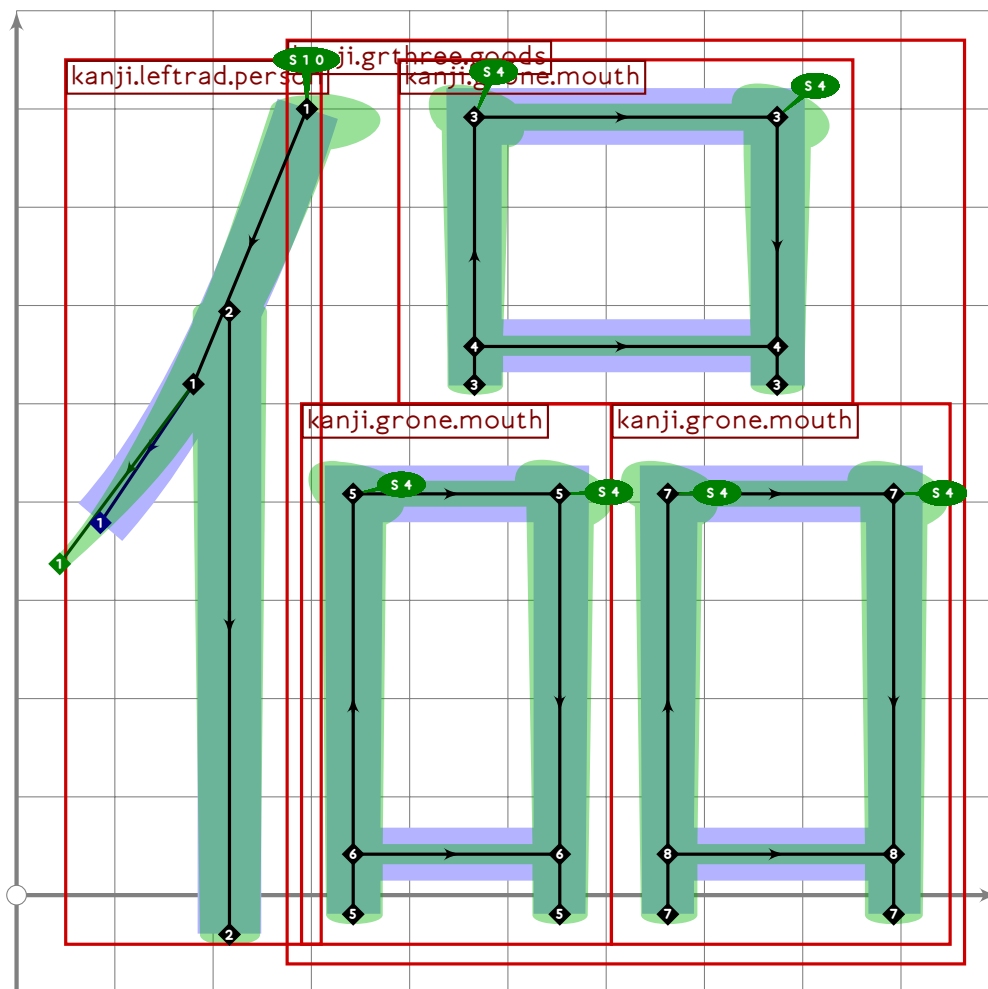
168 endsuglyph;
169
170 % bai/be "double"
171 begintsuglyph("uni500D";13);
172   kanji.grthree.double;
173   tsu_render;
174 endsuglyph;
175
176 % kou/sourou "season" or "candidate"
177 begintsuglyph("uni5019";25);
178   kanji.grfour.wait_for_it;
179   tsu_render;
180 endsuglyph;
181
182 % shaku/ka "borrow"
183 begintsuglyph("uni501F";31);
184   kanji.grfour.borrow;
185   tsu_render;
186 endsuglyph;
187

```

[see page 1853]

[see page 1858]

[see page 1854]



188 % extra

```

189 begintsuglyph("uni5058";88);
190   build_kanji.lr(300,20)
191     (kanji.leftrad.person)
192     (kanji.grthree.goods);
193   tsu_render;
194 endtsuglyph;
195
196 % tei/to "halt"
197 begintsuglyph("uni505C";92); [see page 1855]
198   kanji.grfour.halt;
199   tsu_render;
200 endtsuglyph;
201
202 % ken/shita "healthy"
203 begintsuglyph("uni5065";101); [see page 1856]
204   kanji.grfour.healthy;
205   tsu_render;
206 endtsuglyph;
207
208 % soku/kawa "side"
209 begintsuglyph("uni5074";116); [see page 1857]
210   kanji.grfour.side;
211   tsu_render;
212 endtsuglyph;
213
214 % dou/hatara "work"
215 begintsuglyph("uni50CD";205); [see page 1860]
216   kanji.grfour.work;
217   tsu_render;
218 endtsuglyph;
219
220 % boku/shimobe "masculine first-person pronoun" (or "servant")
221 begintsuglyph("uni50D5";213); [see page 1862]
222   kanji.greight.manservant;
223   tsu_render;
224 endtsuglyph;
225
226 _____
227
228 endfont;
229
230 _____

```



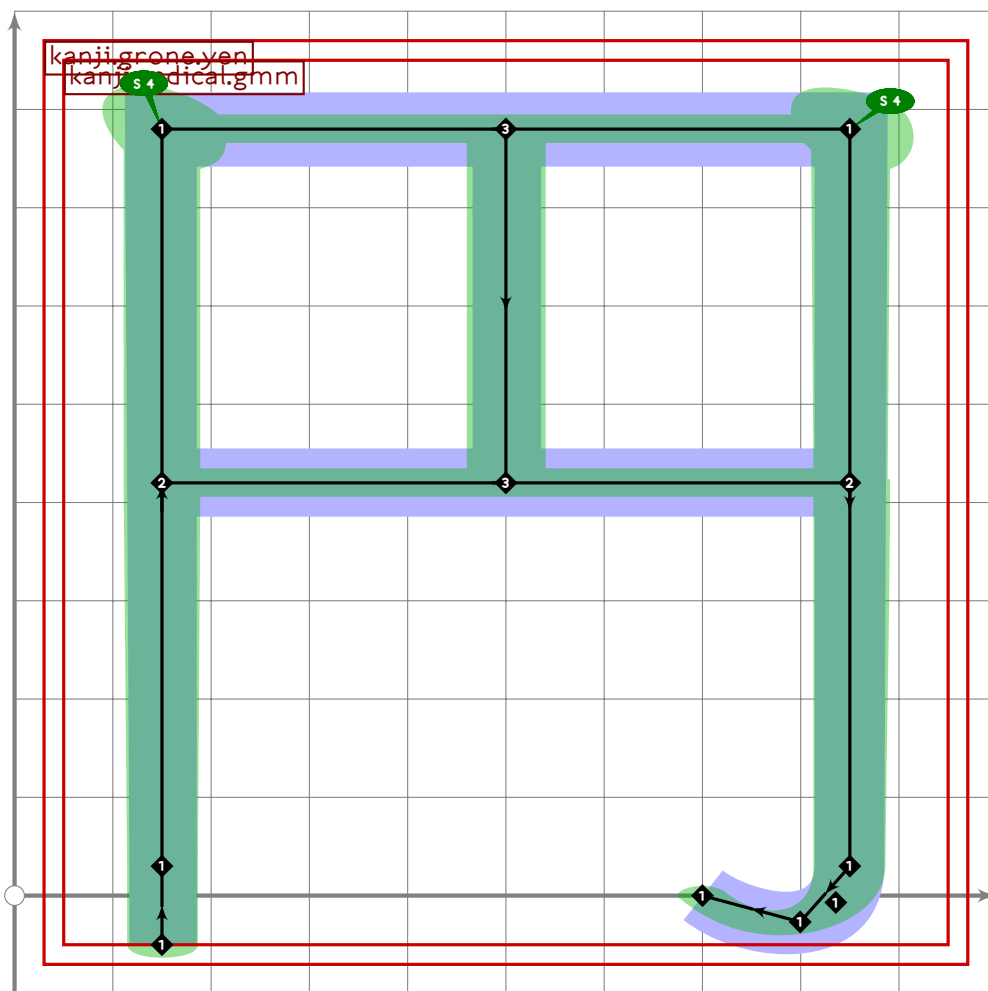
```
1 %
2 % Unicode page 51 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

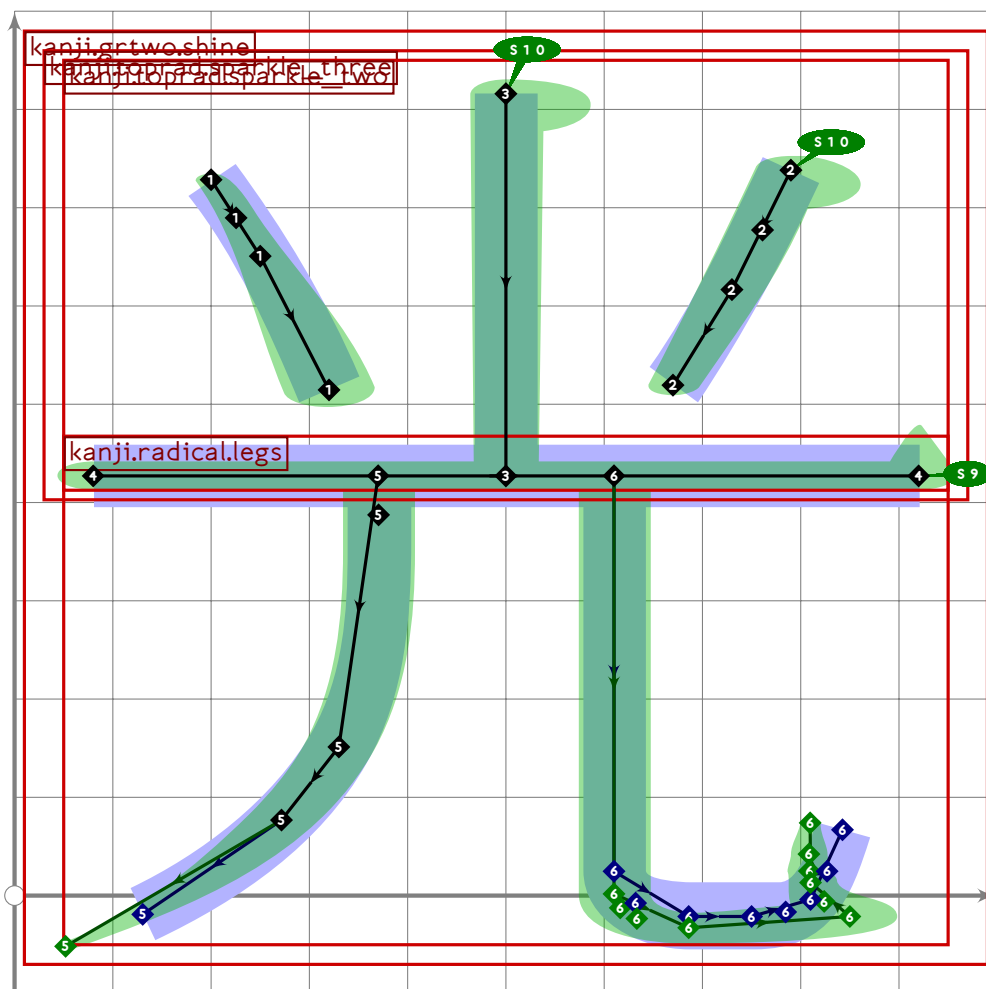

```



```

53
54 vardef kanji.grone.yen =
55   push_pbox_toexpand("kanji.grone.yen");
56   kanji.radical.gmm;
57   push_stroke((point 1.52 of get_stroke(0))-(point 3.48 of get_stroke(0)),
58     (1.6,1.6)-(1.6,1.6));
59   push_stroke((point 2.5 of get_stroke(-1))-(point 0.5 of get_stroke(0)),
60     (1.6,1.6)-(1.6,1.6));
61   expand_pbox;
62 enddef;
63
64

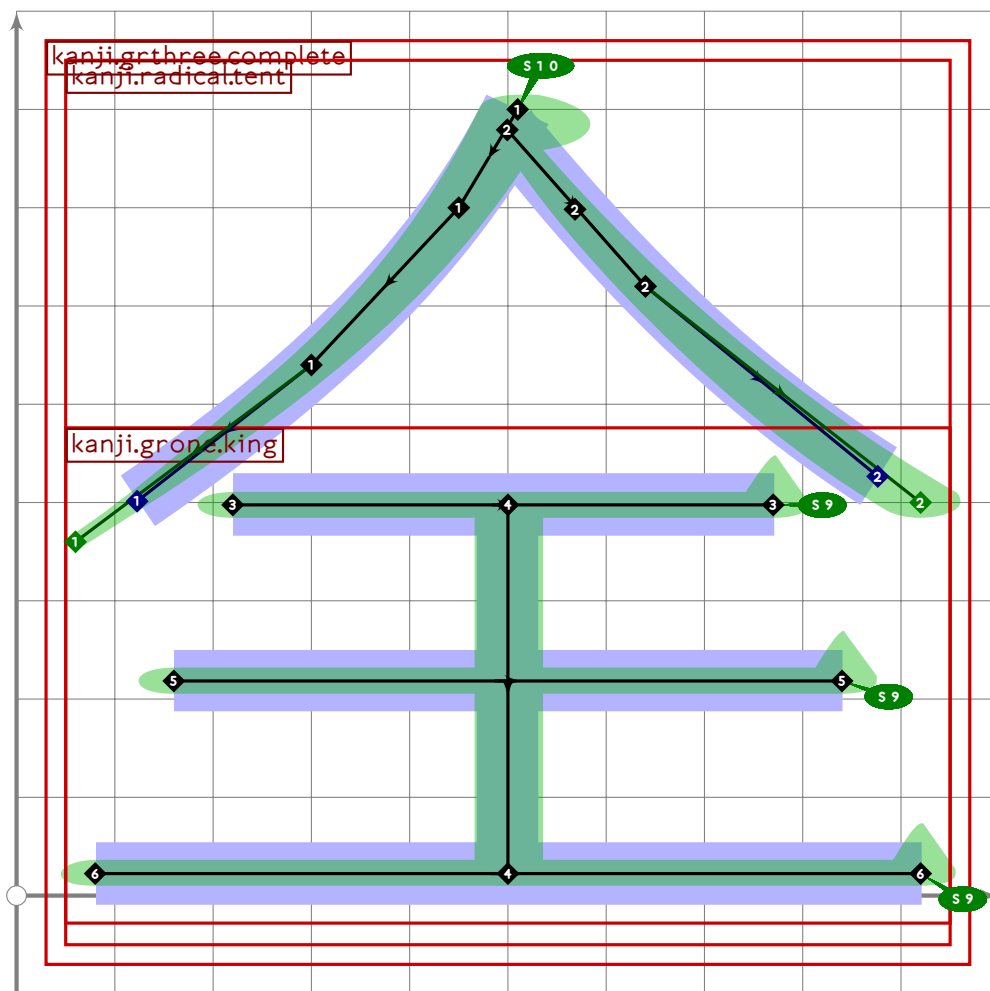
```



```

65
66 vardef kanji.grtwo.shine =
67   push_pbox_toexpand("kanji.grtwo.shine");
68   build_kanji.level(build_kanji.tb(440,55)
69     (kanji.toprad.sparkle_three;
70       push_stroke((80,-20)-(920,-20),(1.6,1.6)-(1.6,1.6));
71       set_boserif(0,19);
72     )
73     (kanji.radical.legs));
74   expand_pbox;
75 enddef;
76
77

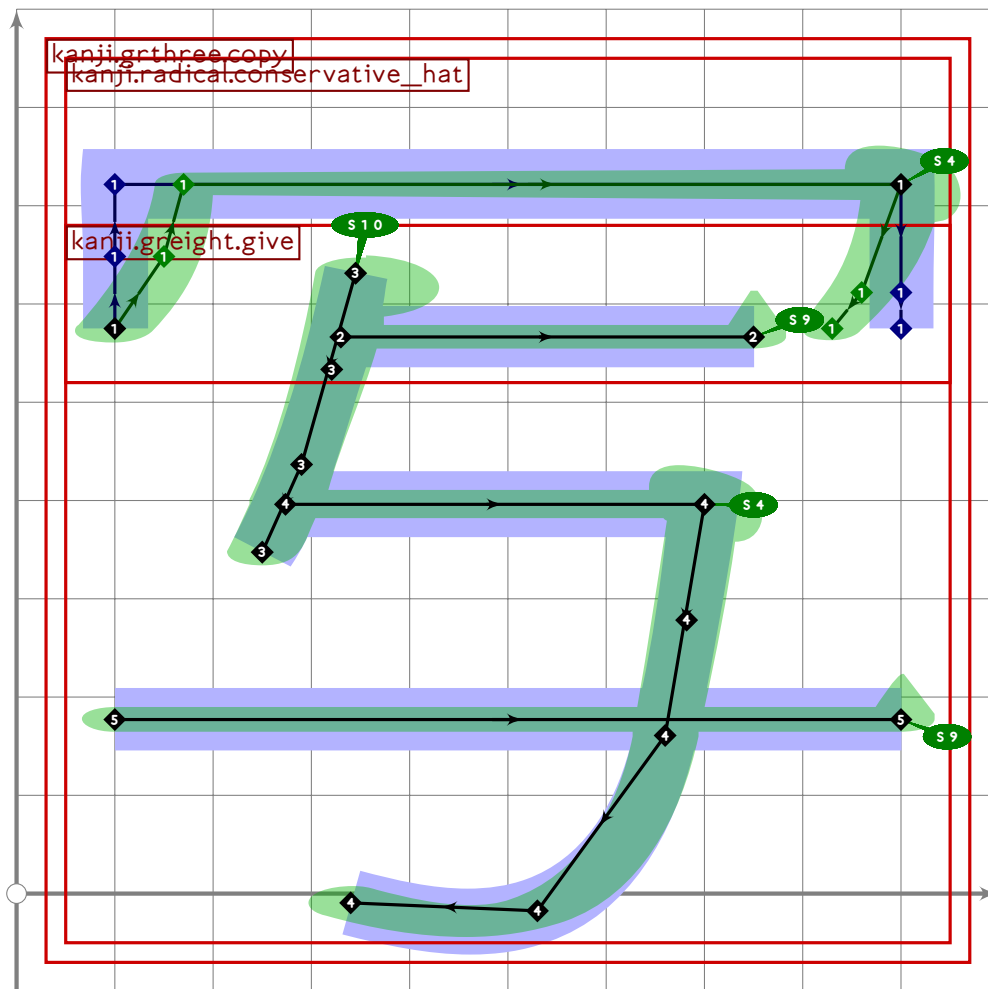
```



```

78
79 vardef kanji.grthree.complete =
80   push_pbox_toexpand("kanji.grthree.complete");
81   kanji.radical.tent;
82   pop_stroke;
83   tsu_xform(identity yscaled 0.56)(kanji.grone.king);
84   replace_stroke(-3)((220,y part point 0 of oldp)-
85     (770,y part point 1 of oldp));
86   expand_pbox;
87 enddef;

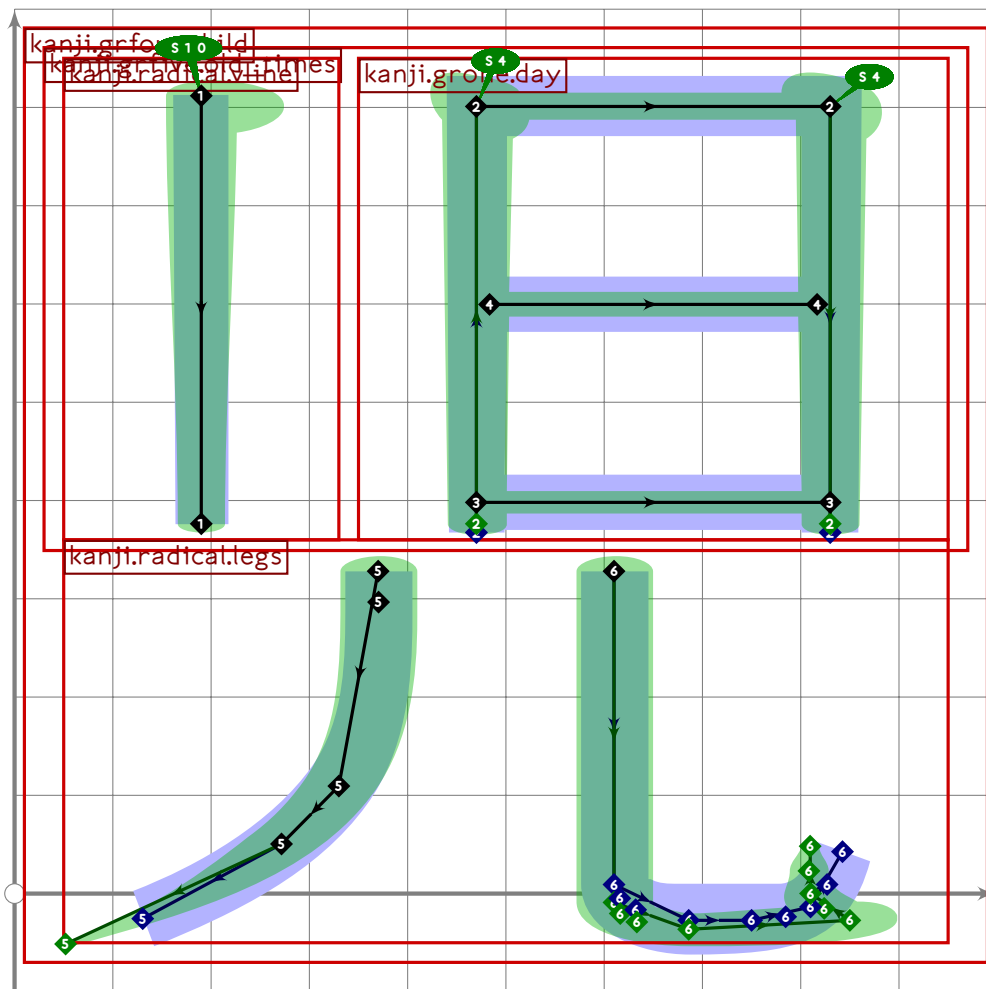
```



```

88
89 vardef kanji.grthree.copy =
90   push_pbox_toexpand("kanji.grthree.copy");
91   build_kanji.level(build_kanji.tb(600,160)
92     (kanji.radical.conservative_hat)
93     (kanji.greight.give));
94   expand_pbox;
95 enddef;
96
97

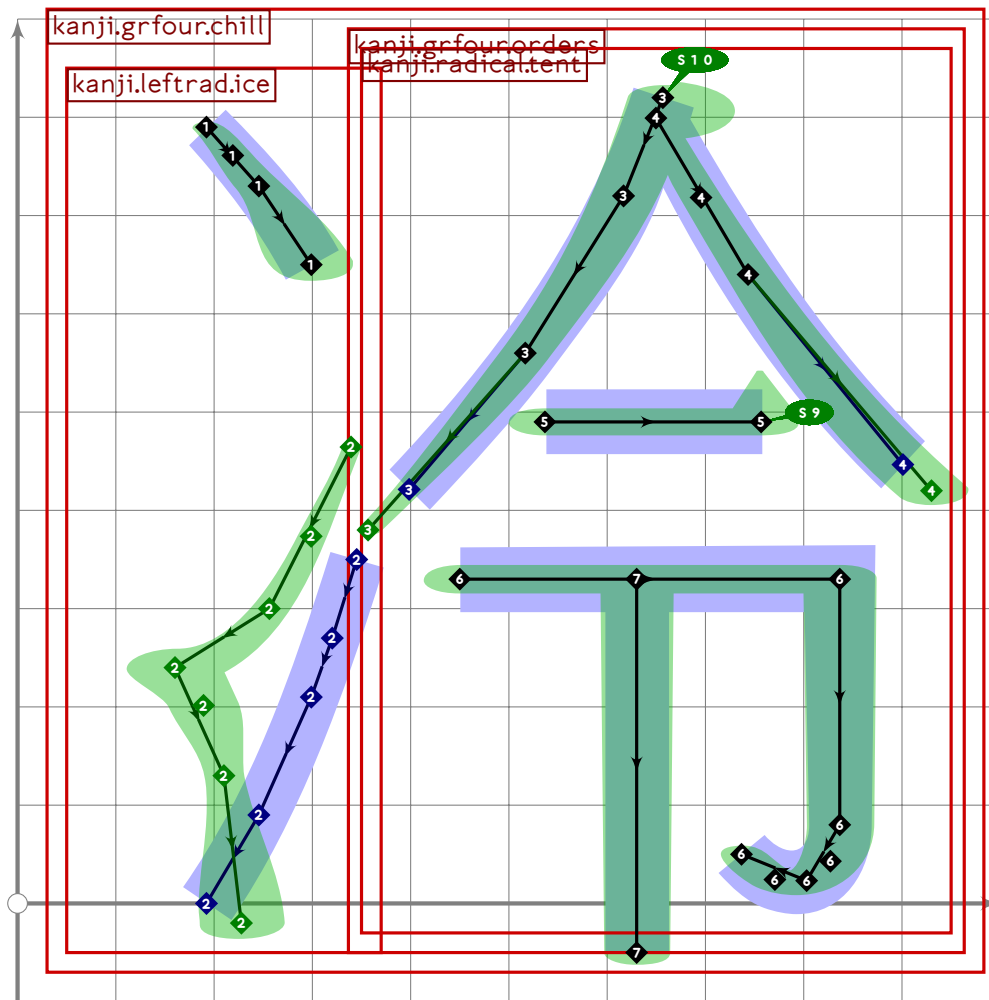
```



```

98
99 vardef kanji.grfour.child =
100   push_pbox_toexpand("kanji.grfour.child");
101   build_kanji.tb(360,0)
102     (kanji.grfive.old_times)
103     (kanji.radical.legs);
104   expand_pbox;
105 enddef;

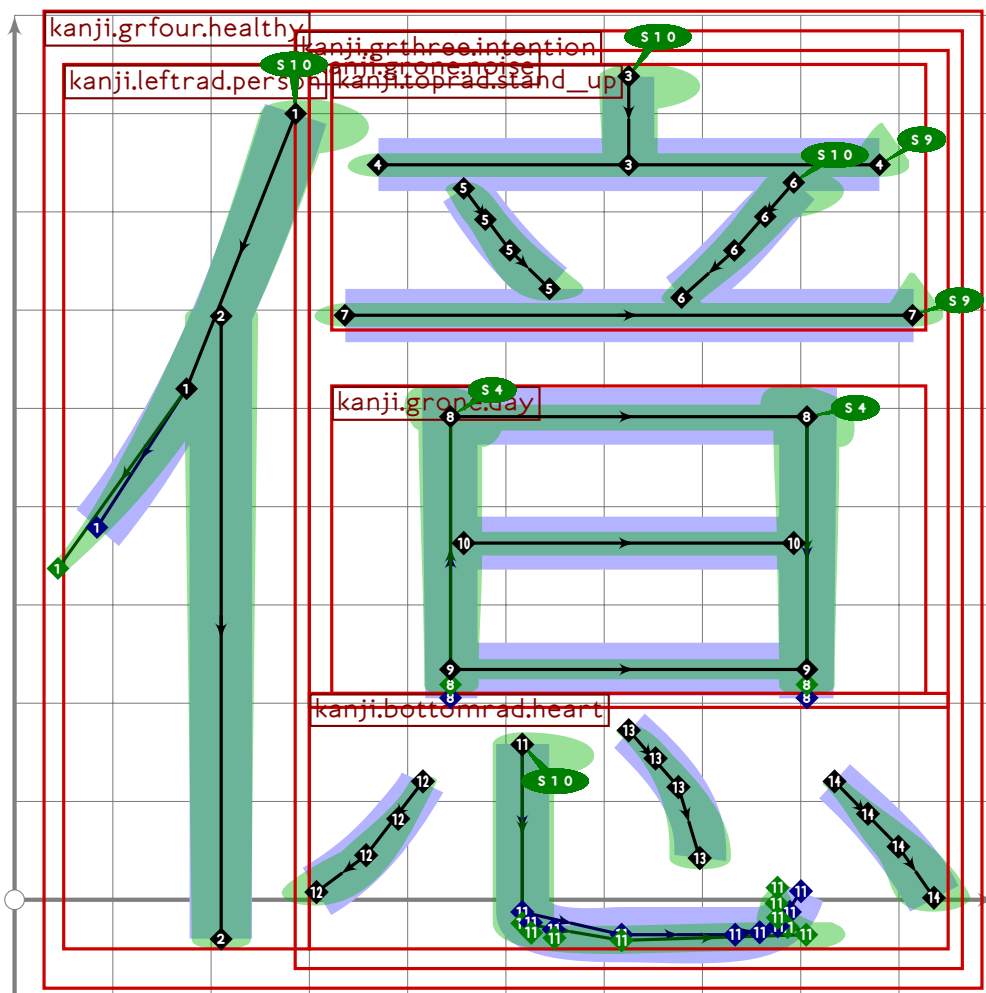
```



```

106
107 vardef kanji.grfour.chill =
108   push_pbox_toexpand("kanji.grfour.chill");
109   build_kanji.lr(360,20)
110     (kanji.leftrad.ice)
111     (build_kanji.sscale(shifted (0,20))(kanji.grfour.orders));
112   expand_pbox;
113 enddef;

```

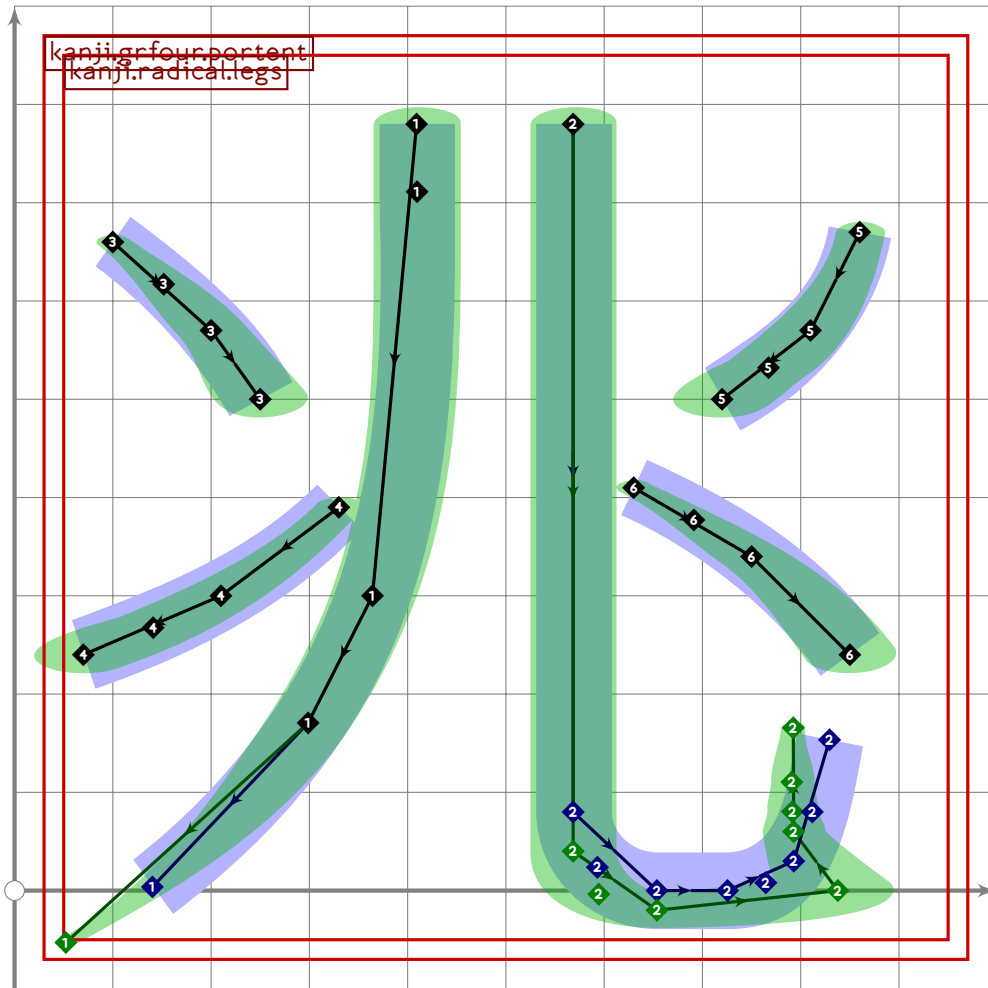


```

114
115 vardef kanji.grfour.hundred_million =
116   push_pbox_toexpand("kanji.grfour.healthy");
117   build_kanji.lr(300,0)
118     (kanji.leftrad.person)
119     (kanji.grthree.intention);
120   expand_pbox;
121 enddef;

```

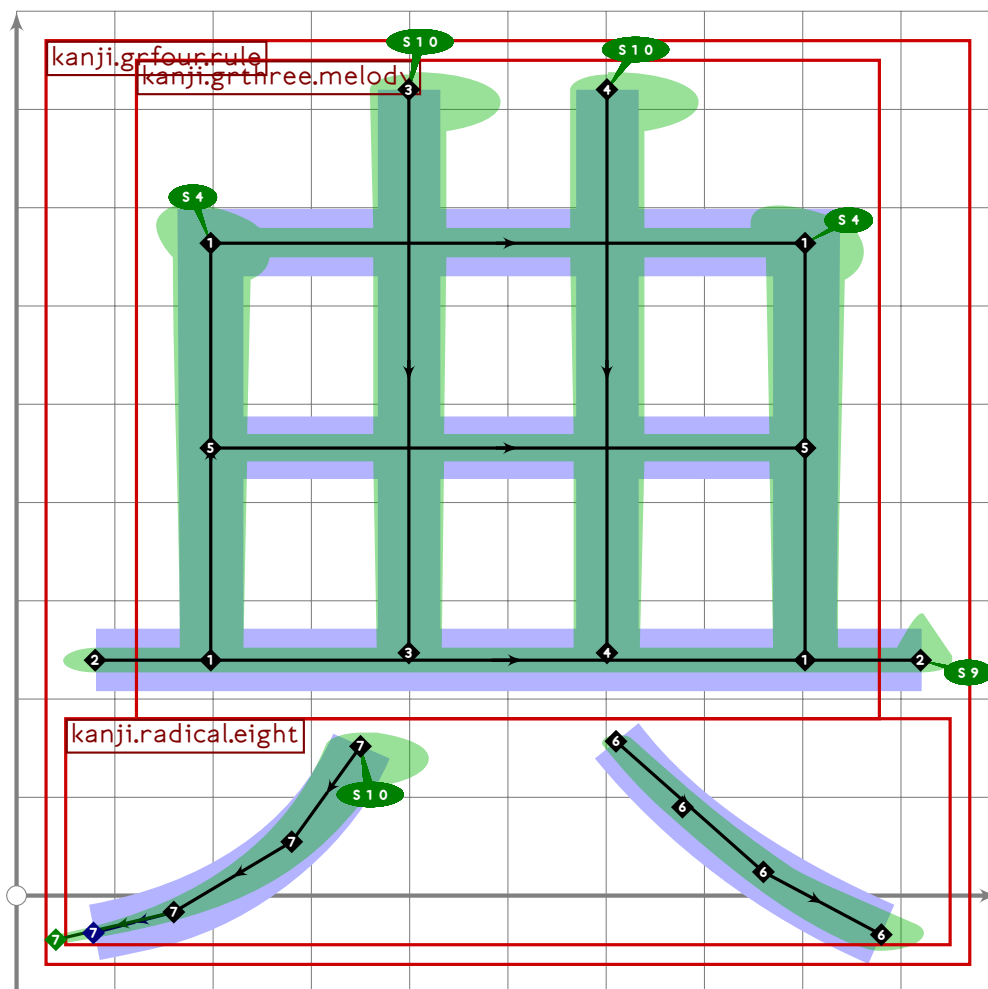




```

122
123 vardef kanji.grfour.portent =
124   push_pbox_toexpand("kanji.grfour.portent");
125   build_kanji.spread_legs(-110)(kanji.radical.legs);
126   push_stroke((100,660)..tension 1.2..(200,570)..(250,500),
127     (1,1)–(1.5,1.5)–(1.8,1.8));
128   push_stroke((330,390)..(210,300)..tension 1.2..(70,240),
129     (1.2,1.2)–(1.6,1.6)–(1.9,1.9));
130   push_stroke((860,670)..(810,570)..tension 1.2..(720,500),
131     (1.2,1.2)–(1.6,1.6)–(1.9,1.9));
132   push_stroke((630,410)..tension 1.2..(750,340)..(850,240),
133     (1,1)–(1.5,1.5)–(1.8,1.8));
134   expand_pbox;
135 enddef;

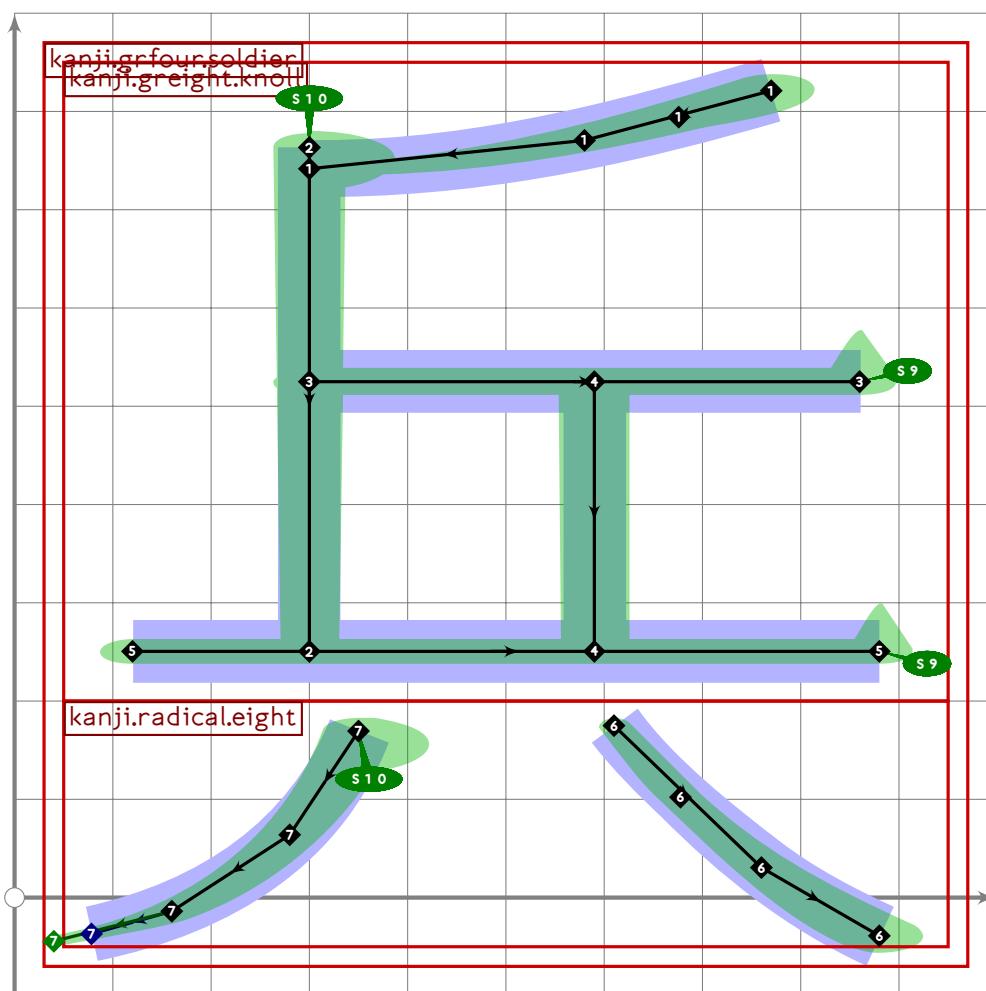
```



```

136
137 vardef kanji.grfour.rule =
138   push_pbox_toexpand("kanji.grfour.rule");
139   build_kanji.level(build_kanji.tb(180,0)
140     (build_kanji.sscale(xscaled 0.84)
141       (kanji.grthree.melody;
142         replace_stroke(-4)((140,30)-(140,600)-(860,600)-(860,30)));
143       pop_hook;
144       replace_stroke(-3)((80,30)-(920,30));
145       set_boserif(-3,19))
146     (kanji.radical.eight));
147   expand_pbox;
148 enddef;

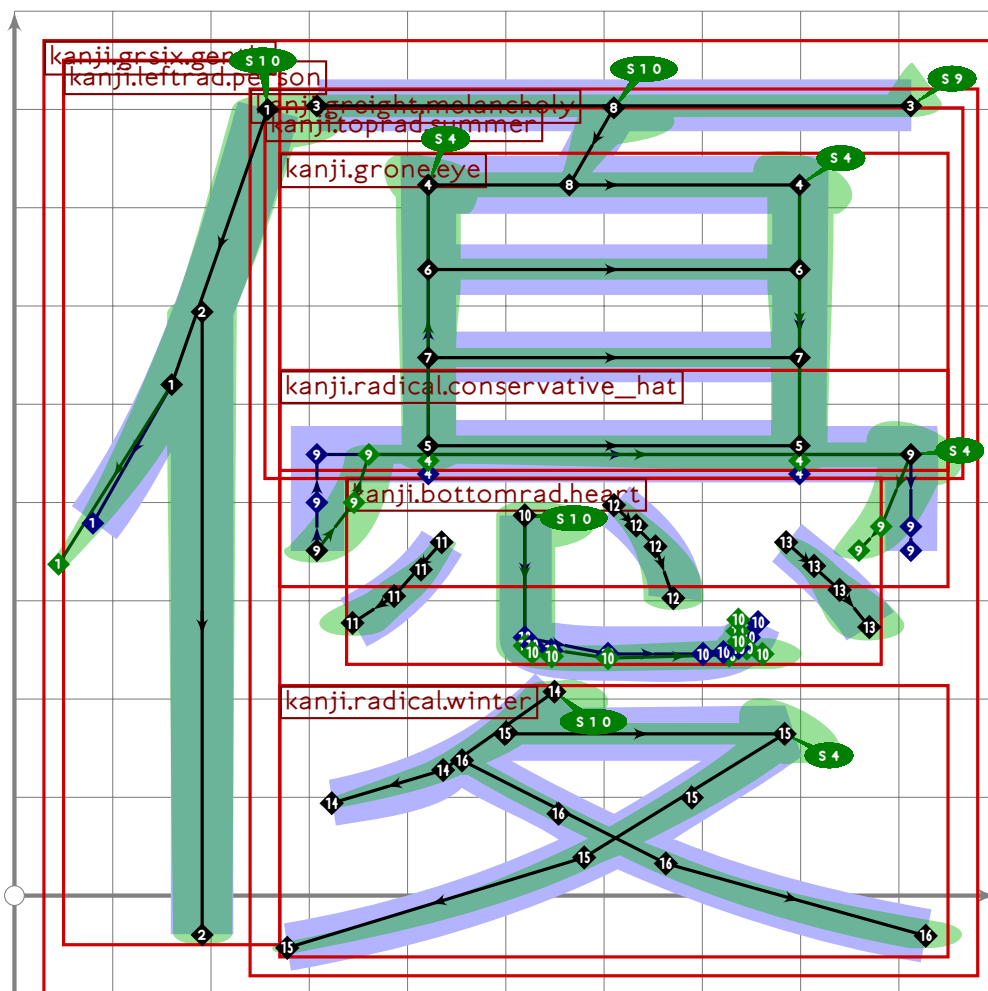
```



```

149
150 vardef kanji.grfour.soldier =
151   push_pbox_toexpand("kanji.grfour.soldier");
152   build_kanji.level(build_kanji.tb(200,0)
153     (kanji.greight.knoll)
154     (kanji.radical.eight));
155   expand_pbox;
156 enddef;
157
158

```



```

159
160 vardef kanji.grsix.gentle =
161   push_pbox_toexpand("kanji.grsix.gentle");
162   build_kanji.lr(270,0)
163     (kanji.leftrad.person)
164     (build_kanji.sscale(yscaled 0.96 shifted (0,30))
165       (kanji.greight.melancholy));
166   expand_pbox;
167 enddef;
168
169
170
171 % oku "one hundred million"
172 begintsuglyph("uni5104"4);
173   kanji.grfour.hundred_million;
174   tsu_render;
175 endtsuglyph;
176
177 % yuu/yasa "gentle"
178 begintsuglyph("uni512A"42);
179   kanji.grsix.gentle;

```

[see page 1872]

[see page 1876]

```

180  tsu_render;
181  endtsuglyph;
182
183  % legs radical
184  begintsuglyph("uni513F",63); [see page 691]
185  kanji.radical.legs;
186  tsu_render;
187  endtsuglyph;
188
189  % kotsu "bald"
190  begintsuglyph("uni5140",64); [see page 800]
191  kanji.rare.bald;
192  tsu_render;
193  endtsuglyph;
194
195  % in/shou "permission"
196  begintsuglyph("uni5141",65); [see page 787]
197  kanji.grnine.permission;
198  tsu_render;
199  endtsuglyph;
200
201  % moto/gen "origin"
202  begintsuglyph("uni5143",67); [see page 533]
203  kanji.grtwo.origin;
204  tsu_render;
205  endtsuglyph;
206
207  % nii (as in oniisan) "big brother"
208  begintsuglyph("uni5144",68); [see page 482]
209  kanji.grtwo.big_brother;
210  tsu_render;
211  endtsuglyph;
212
213  % shuu/a "fulfill"
214  begintsuglyph("uni5145",69); [see page 738]
215  kanji.greight.fulfill;
216  tsu_render;
217  endtsuglyph;
218
219  % chou/kiza "portent" or "trillion"
220  begintsuglyph("uni5146",70); [see page 1873]
221  kanji.grfour.portent;
222  tsu_render;
223  endtsuglyph;
224
225  % sen "ahead"
226  begintsuglyph("uni5148",72); [see page 413]
227  kanji.grone.ahead;

```

228   tsu\_render;  
 229 endtsuglyph;  
 230  
 231 % kou/hikari "shine"  
 232 begintsuglyph("uni5149";73); [see page 1867]  
 233   kanji.grtwo.shine;  
 234   tsu\_render;  
 235 endtsuglyph;  
 236  
 237 % men/manu "dismiss"  
 238 begintsuglyph("uni514D";77); [see page 735]  
 239   kanji.greight.dismiss;  
 240   tsu\_render;  
 241 endtsuglyph;  
 242  
 243 % ko/ji "child"  
 244 begintsuglyph("uni5150";80); [see page 1870]  
 245   kanji.grfour.child;  
 246   tsu\_render;  
 247 endtsuglyph;  
 248  
 249 % rare needed for 8AAC  
 250 begintsuglyph("uni5151";81); [see page 805]  
 251   kanji.rare.cash;  
 252   tsu\_render;  
 253 endtsuglyph;  
 254  
 255 % hai/i "put it in"  
 256 begintsuglyph("uni5165";101); [see page 457]  
 257   kanji.grone.put\_it\_in;  
 258   tsu\_render;  
 259 endtsuglyph;  
 260  
 261 % zen/matta "complete"  
 262 begintsuglyph("uni5168";104); [see page 1868]  
 263   kanji.grthree.complete;  
 264   tsu\_render;  
 265 endtsuglyph;  
 266  
 267 % hachi/ya "eight"  
 268 begintsuglyph("uni516B";107); [see page 429]  
 269   kanji.grone.eight;  
 270   tsu\_render;  
 271 endtsuglyph;  
 272  
 273 % kou/kimi "public" but also the pronoun kimi  
 274 begintsuglyph("uni516C";108); [see page 535]  
 275   kanji.grtwo.public;

```

276   tsu_render;
277 endtsuglyph;
278
279 % roku/mui "six"
280 begintsuglyph("uni516D";109); [see page 466]
281   kanji.grone.six;
282   tsu_render;
283 endtsuglyph;
284
285 % kyou/tomo "together"
286 begintsuglyph("uni5171";113); [see page 633]
287   kanji.grfour.together;
288   tsu_render;
289 endtsuglyph;
290
291 % hei/tsuwamono "soldier"
292 begintsuglyph("uni5175";117); [see page 1875]
293   kanji.grfour.soldier;
294   tsu_render;
295 endtsuglyph;
296
297 % ki/so "that" (as in sore and sono)
298 begintsuglyph("uni5176";118); [see page 793]
299   kanji.grnine.that;
300   tsu_render;
301 endtsuglyph;
302
303 % gu/sona "ingredient"
304 begintsuglyph("uni5177";119); [see page 576]
305   kanji.grthree.ingredient;
306   tsu_render;
307 endtsuglyph;
308
309 % ten/suke "rule"
310 begintsuglyph("uni5178";120); [see page 1874]
311   kanji.grfour.rule;
312   tsu_render;
313 endtsuglyph;
314
315 % George Michael's Moustache
316 begintsuglyph("uni5182";130); [see page 690]
317   kanji.radical.gmm;
318   tsu_render;
319 endtsuglyph;
320
321 % nai/uchi "home, me"
322 begintsuglyph("uni5185";133); [see page 510]
323   kanji.grtwo.home;

```

```

324  tsu_render;
325 endtsuglyph;
326
327 % en "yen" (currency unit)
328 begintsuglyph("uni5186";134); [see page 1866]
329  kanji.grone.yen;
330  tsu_render;
331 endtsuglyph;
332
333 % kei/akiraka "clear"
334 begintsuglyph("uni518F";143); [see page 807]
335  kanji.rare.clear;
336  tsu_render;
337 endtsuglyph;
338
339 % like silly-hat minus the upper bobble
340 begintsuglyph("uni5196";150); [see page 685]
341  kanji.radical.conservative_hat;
342  tsu_render;
343 endtsuglyph;
344
345 % sha/utsu "copy" (often photo)
346 begintsuglyph("uni5199";153); [see page 1869]
347  kanji.grthree.copy;
348  tsu_render;
349 endtsuglyph;
350
351 % tou/fuyu "winter"
352 begintsuglyph("uni51AC";172); [see page 553]
353  kanji.grtwo.winter;
354  tsu_render;
355 endtsuglyph;
356
357 % rei/tsume "chill"
358 begintsuglyph("uni51B7";183); [see page 1871]
359  kanji.grfour.chill;
360  tsu_render;
361 endtsuglyph;
362
363 % ki/kinyou "windy radical"
364 begintsuglyph("uni51E0";224); [see page 712]
365  kanji.radical.windy;
366  tsu_render;
367 endtsuglyph;
368
369 % kan "open box radical"
370 begintsuglyph("uni51F5";245); [see page 700]
371  kanji.radical.open_box;

```



```
372  tsu_render;
373  endtsuglyph;
374
375  % de "go away"
376  begintsuglyph("uni51FA";250); [see page 436]
377  kanji.grone.go_away;
378  tsu_render;
379  endtsuglyph;
380
381  _____
382
383  endfont;
384
385  _____
```

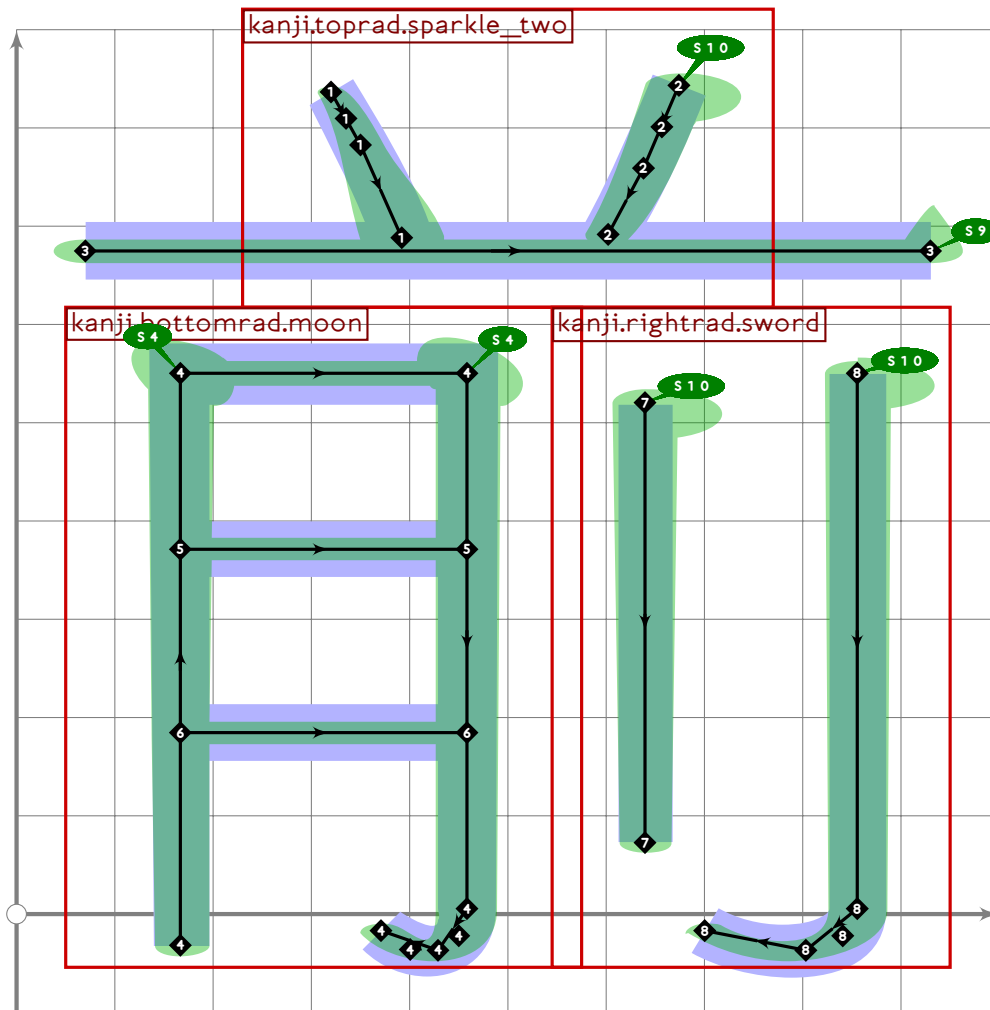
```
1 %
2 % Unicode page 52 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

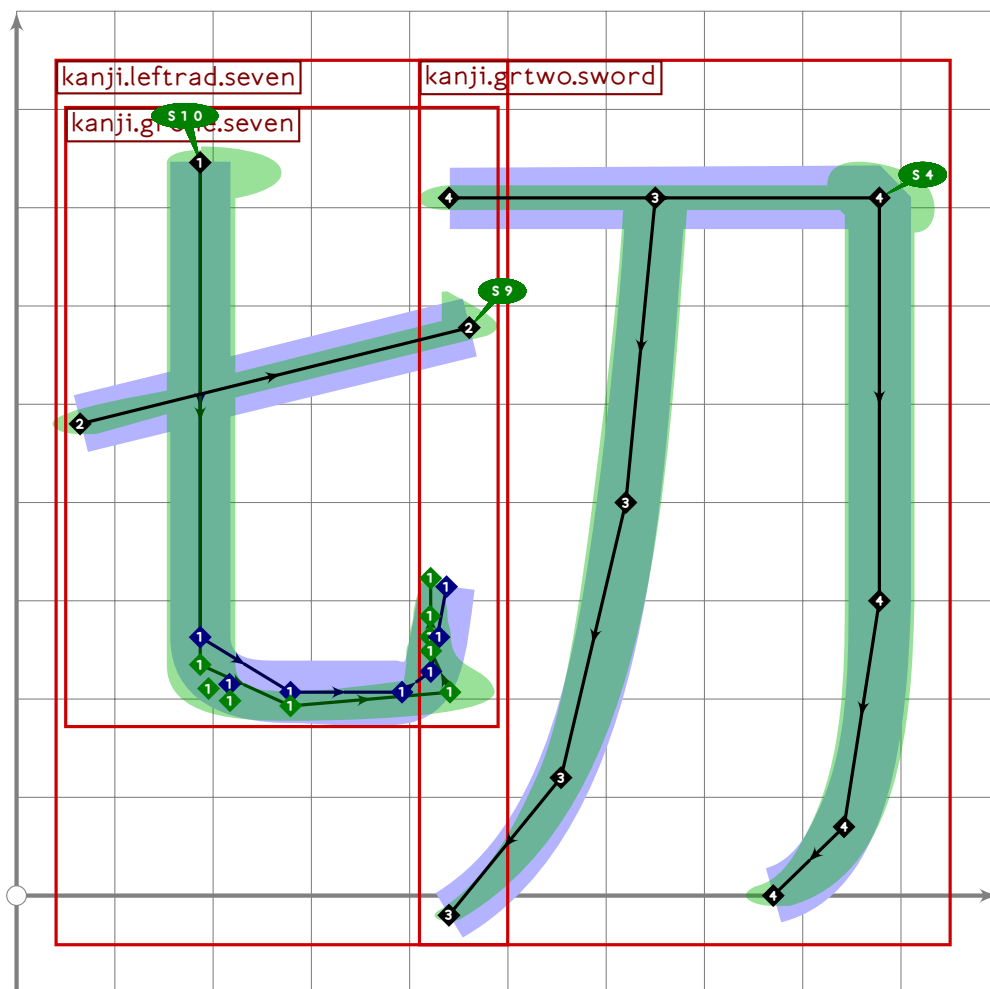

```



```

55
56 vardef kanji.grtwo.before =
57   tsu_xform(identity yscaled (780/720))
58   (build_kanji.level(build_kanji.tb(570,0)
59     (build_kanji.sscale(xscaled 0.6)(kanji.toprad.sparkle_two);
60       push_stroke((70,120)-(930,120),(1.6,1.6)-(1.6,1.6));
61       set_boserif(0,0,whatever);
62       set_boserif(0,1,9);
63     )
64     (build_kanji.lr(560,30)
65       (kanji.bottomrad.moon)
66       (kanji.rightrad.sword)))));
67 enddef;

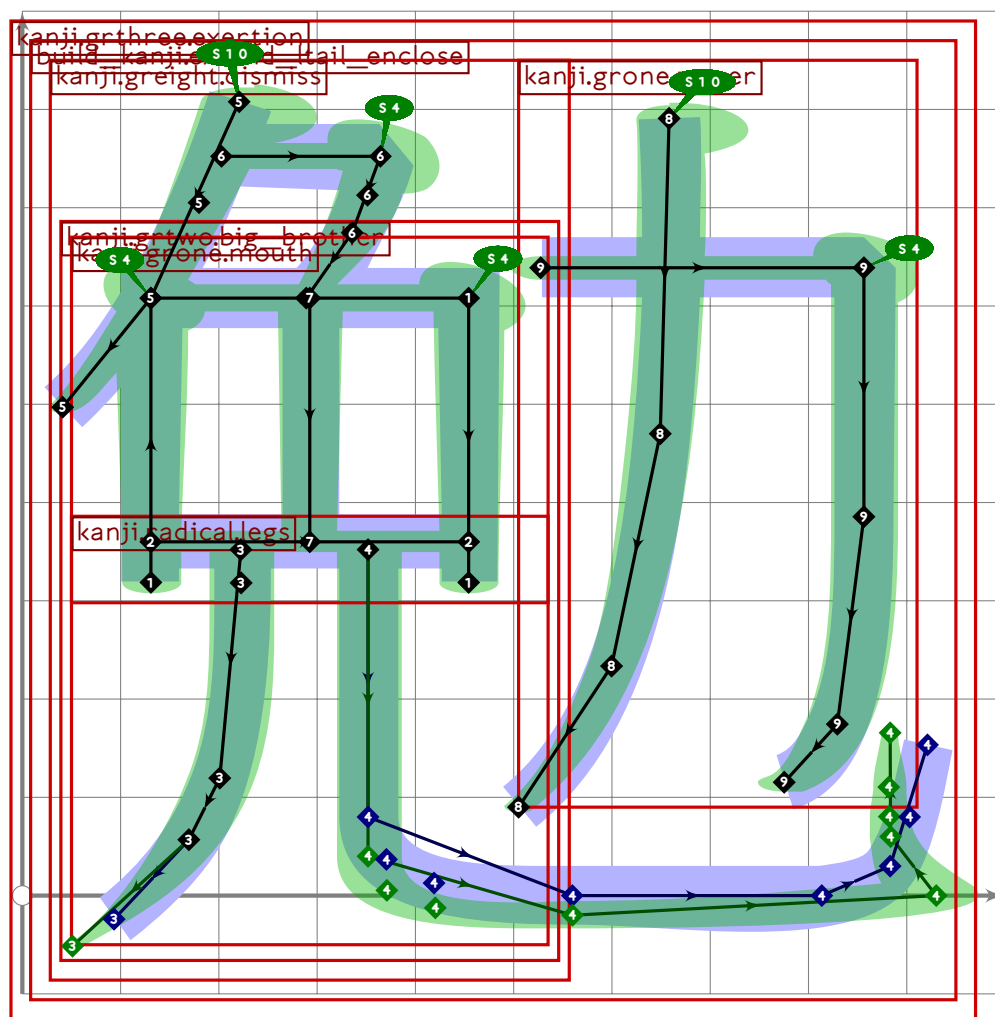
```



```

68
69 vardef kanji.grtwo.cut =
70   build_kanji.level(build_kanji.lr(450,80)
71     (kanji.leftrad.seven)
72     (kanji.grtwo.sword));
73 enddef;
74
75

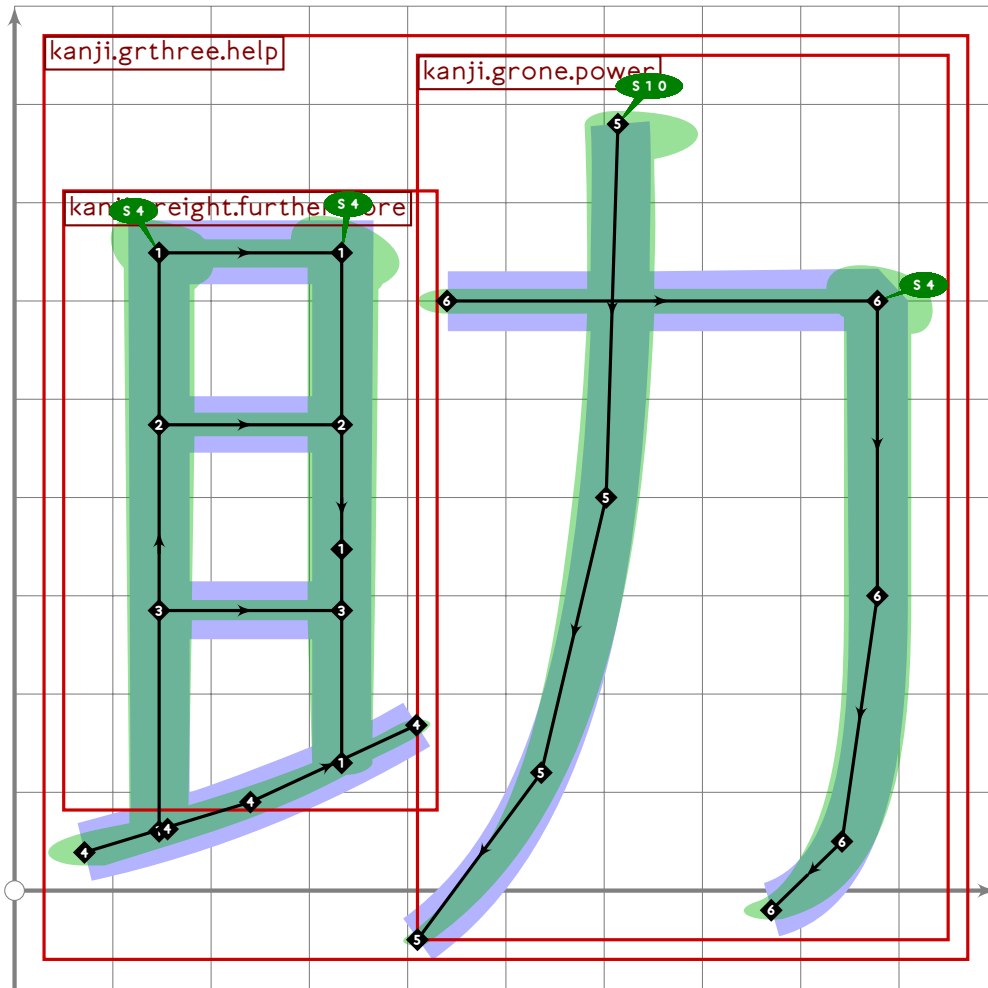
```



```

76
77 vardef kanji.grthree.exertion =
78   push_pbox_toexpand("kanji.grthree.exertion");
79   build_kanji.extend_ltail_enclose(520,30)
80   (kanji.greight.dismiss)
81   (kanji.grone.power);
82   expand_pbox;
83 enddef;

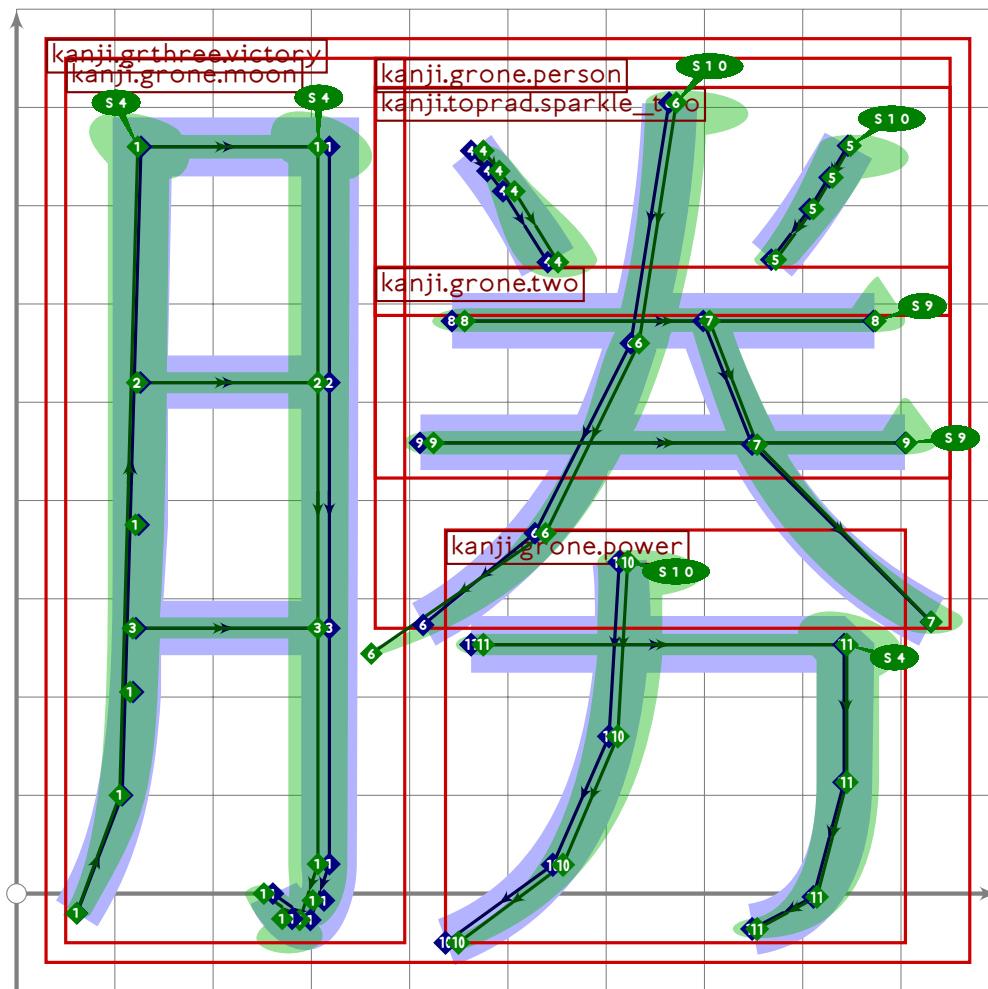
```



```

84
85 vardef kanji.grthree.help =
86   push_pbox_toexpand("kanji.grthree.help");
87   build_kanji.level(build_kanji.lr(420,20)
88     (build_kanji.lift_skirt(230,170)
89       (build_kanji.sscale(yscaled 0.7)
90         (kanji.greight.furthermore);
91         replace_stroke(0)(oldp shifted (0;-80));
92         replace_stroke(-3)((point 0 of oldp shifted (0;-80))-
93           (subpath (1,length oldp-1) of oldp)-
94           (point infinity of oldp shifted (0;-80))))))
95   (kanji.grone.power));
96   expand_pbox;
97 enddef;

```



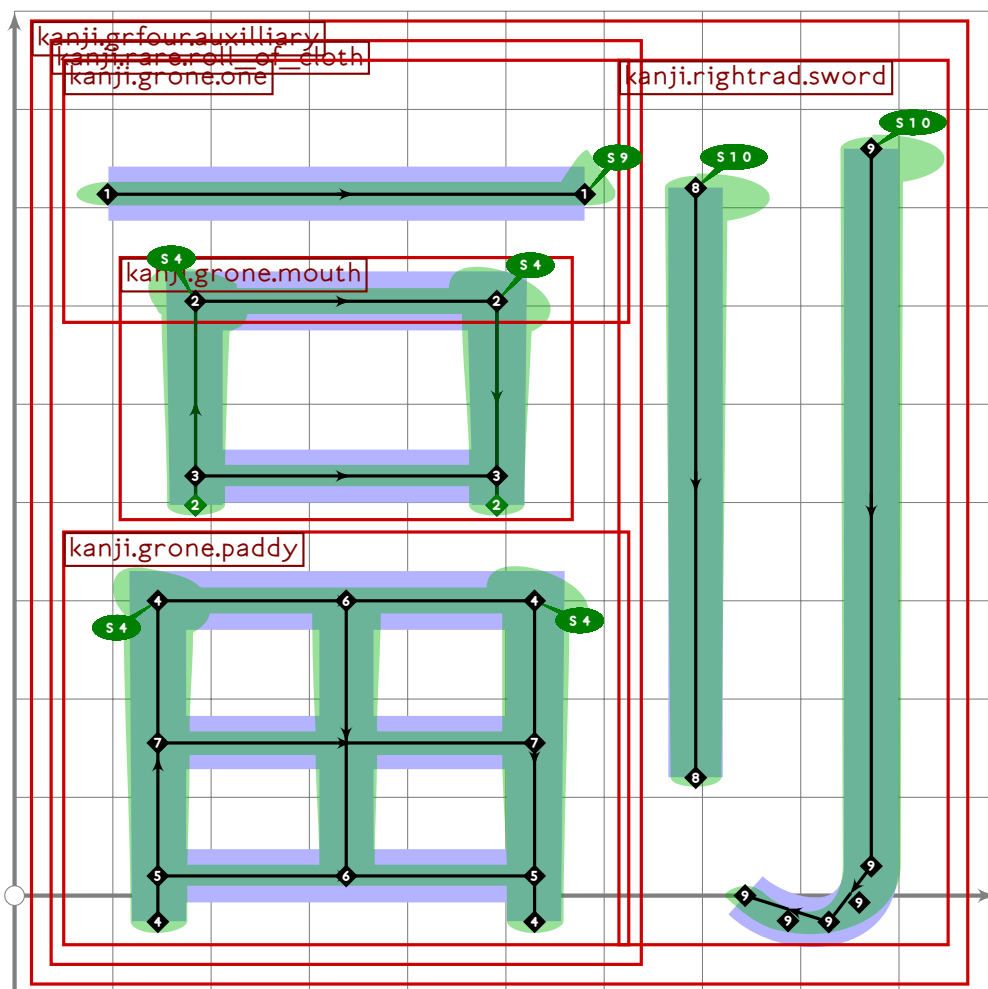
```

98
99 vardef kanji.grthree.victory =
100   push_pbox_toexpand("kanji.grthree.victory");
101   build_kanji.level(build_kanji.lr(380,30*(1-mincho))
102     (kanji.grone.moon)
103     (build_kanji.tb(320,100)
104       (build_kanji.sscale(yscaled 0.4 shifted (0,230))
105         (kanji.toprad.sparkle_two);
106         kanji.grone.person;
107         build_kanji.sscale(xscaled (1,0.37) shifted (0,-40))
108         (kanji.grone.two);
109         replace_stroke(-2)
110           (subpath (xpart (oldp intersectiontimes get_stroke(-1)),infinity)
111             of oldp))
112         (build_kanji.sscale(xscaled 0.8 shifted (20,0))
113           (kanji.grone.power)))));
114   expand_pbox;
115 enddef;
116
117

```

U+526F  
tsuku.uni526F

52

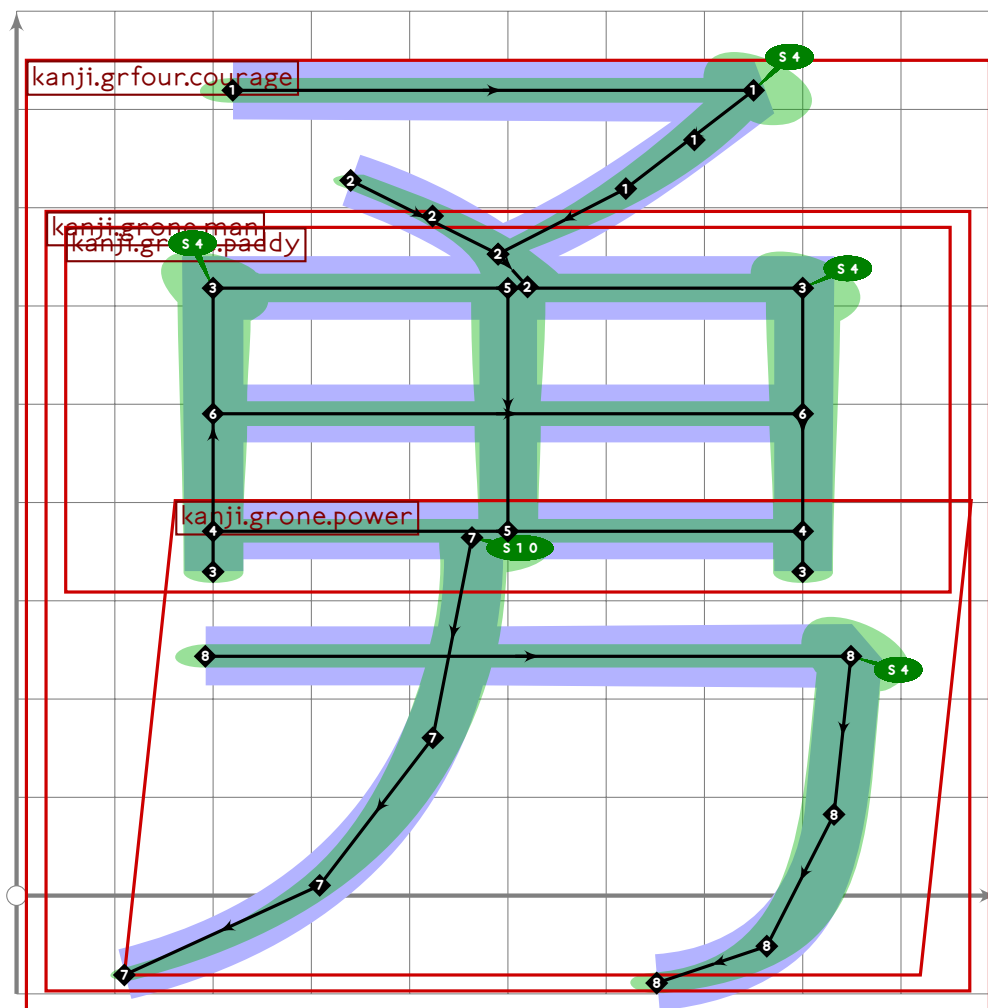


```

118
119 vardef kanji.grfour.auxilliary =
120   push_pbox_toexpand("kanji.grfour.auxilliary");
121   build_kanji.level(build_kanji.lr(620,10)
122     (kanji.rare.roll_of_cloth)
123     (kanji.rightrad.sword));
124   expand_pbox;
125 enddef;

```

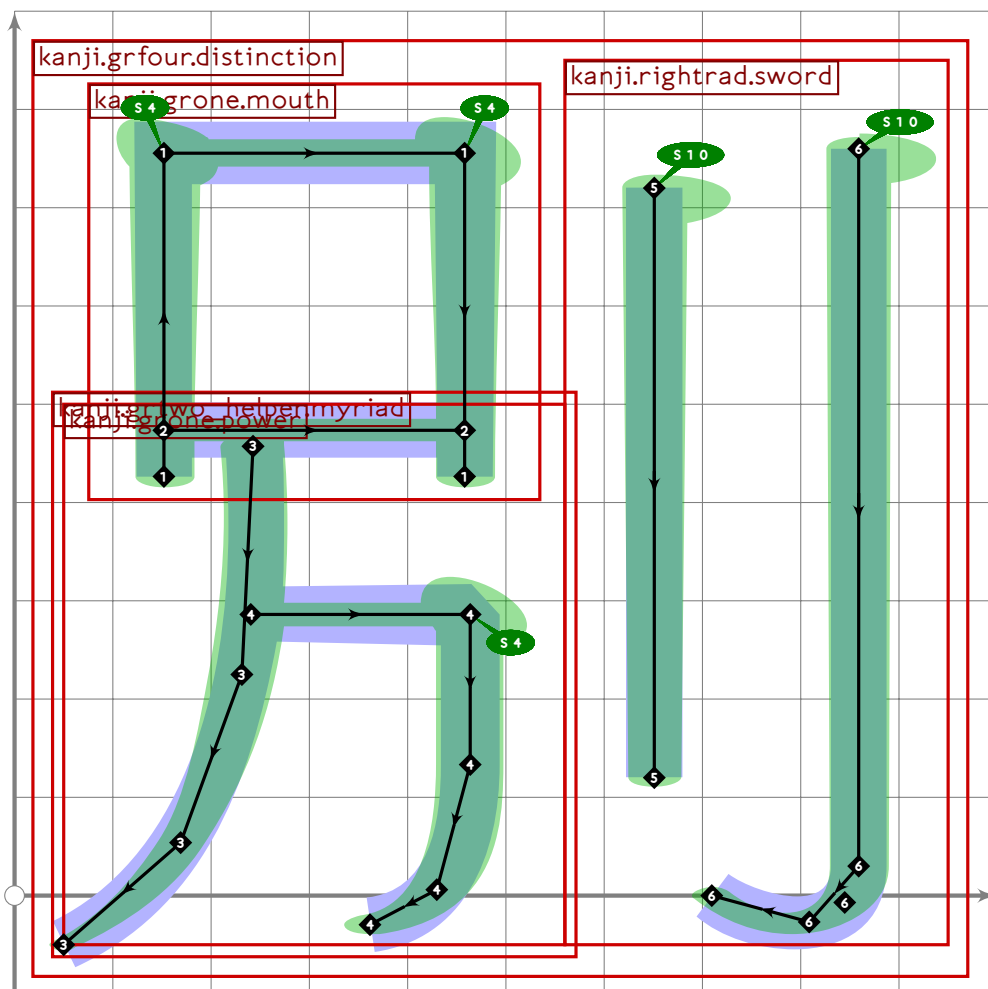




```

126
127 vardef kanji.grfour.courage =
128   push_pbox_toexpand("kanji.grfour.courage");
129   build_kanji.level(build_kanji.tb(640,80)
130     (push_stroke((220,740)–(750,740)..tension 1.2..(620,380)..(490,140),
131       (1.6,1.6)–(1.6,1.6)–(1.4,1.4)–(1.1,1.1));
132     set_botip(0,1,0);
133     set_boserif(0,1,4);
134     push_stroke((340,410)..tension 1.2..(490,140)..(520,20),
135       (1.1,1.1)–(1.5,1.5)–(1.8,1.8)))
136     (kanji.grone.man));
137   expand_pbox;
138 enddef;

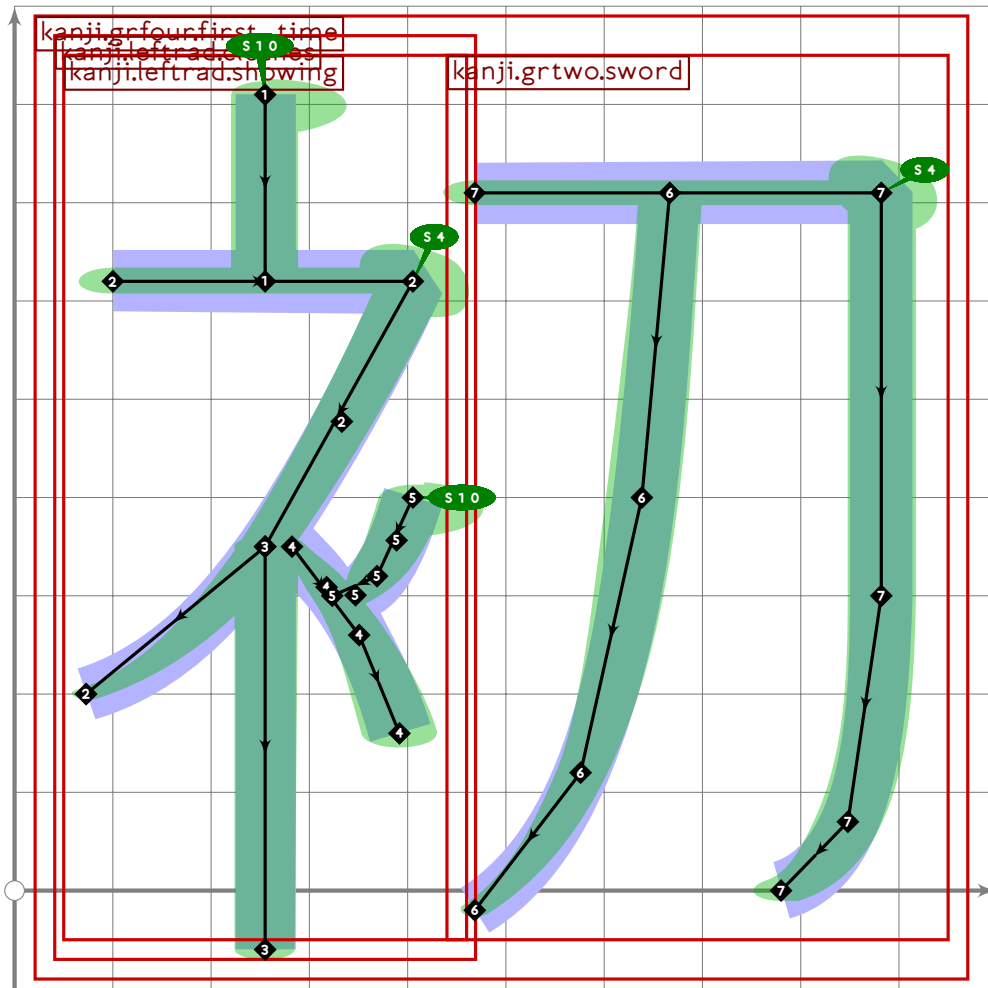
```



```

139
140 vardef kanji.grfour.distinction =
141   push_pbox_toexpand("kanji.grfour.distinction");
142   build_kanji.level(build_kanji.lr(560,0)
143     (build_kanji.tb(440,120)
144       (build_kanji.sscale(scaled 0.9)(kanji.grone.mouth))
145       (kanji.grtwo_helper.myriad;
146         set_boserif(-1,0,whatever)))
147     (kanji.rightrad.sword));
148   expand_pbox;
149 enddef;

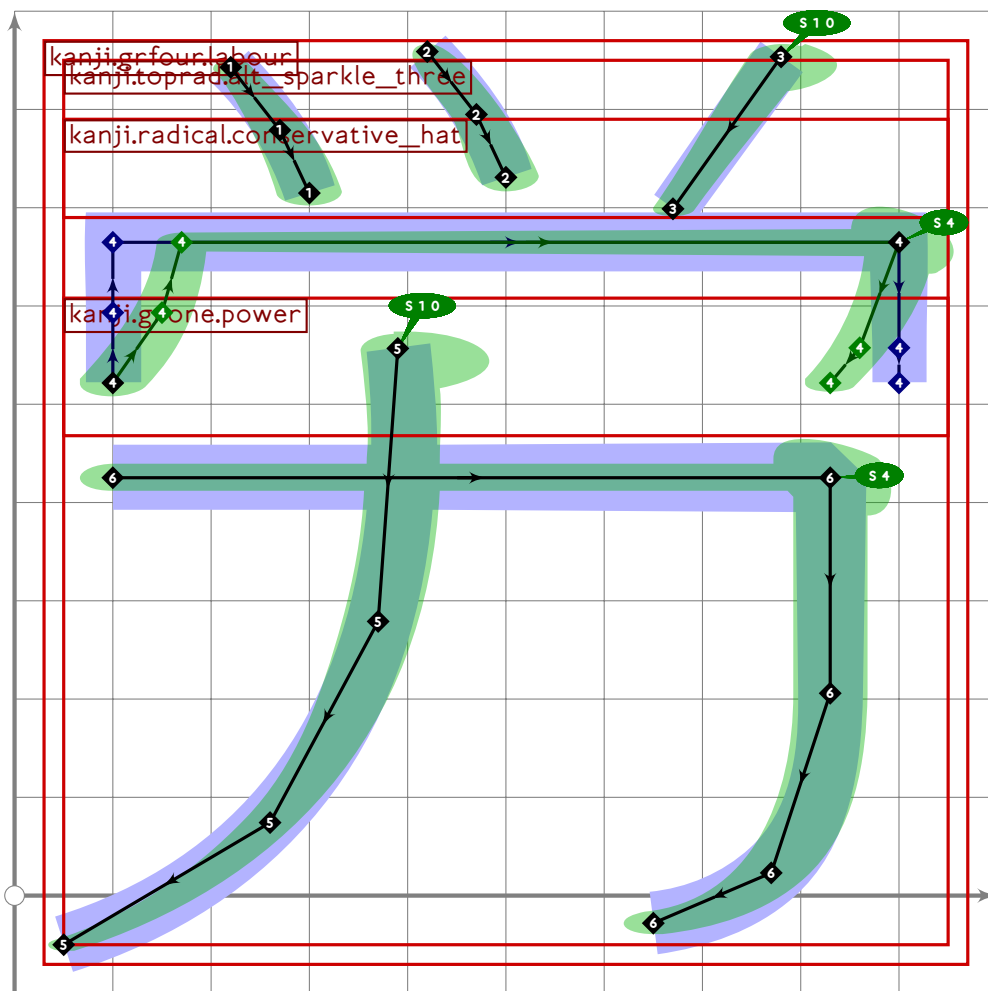
```



```

150
151 vardef kanji.grfour.first_time =
152   push_pbox_toexpand("kanji.grfour.first_time");
153   build_kanji.level(build_kanji.lr(450,20)
154     (kanji.leftrad.clothes)
155     (kanji.grtwo.sword));
156   expand_pbox;
157 enddef;

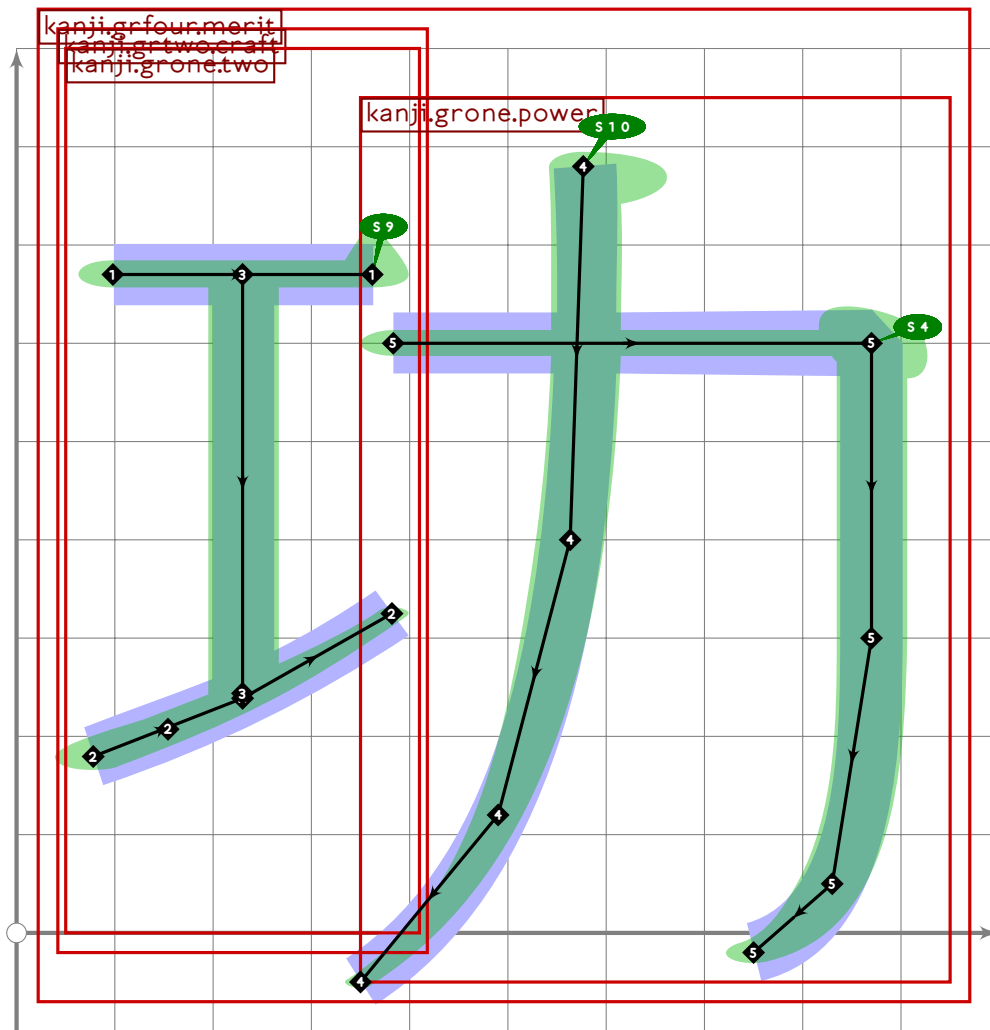
```



```

158
159 vardef kanji.grfour.labour =
160   push_pbox_toexpand("kanji.grfour.labour");
161   build_kanji.tb(740,100)
162     (kanji.toprad.alt_sparkle_three)
163     (build_kanji.tb(580,150)
164       (kanji.radical.conservative_hat)
165       (kanji.grone.power));
166   expand_pbox;
167 enddef;

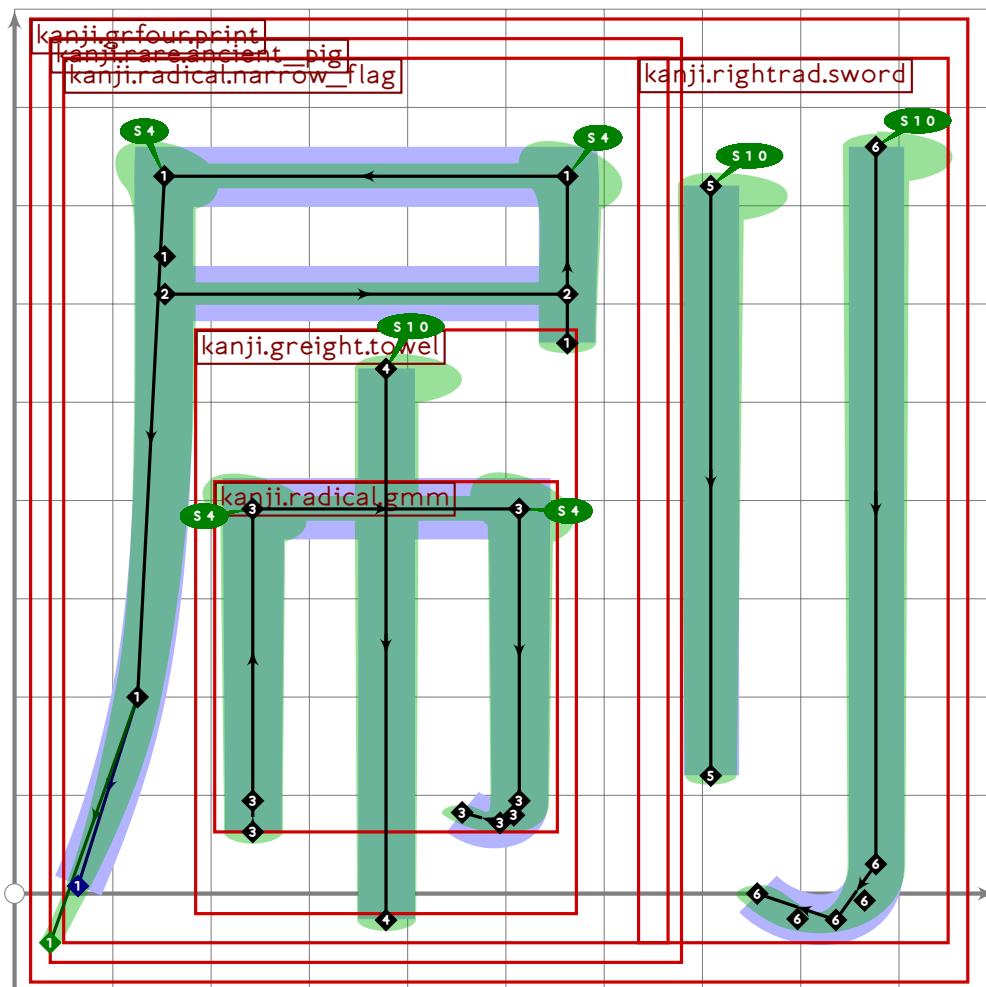
```



```

168
169 vardef kanji.grfour.merit =
170   push_pbox_toexpand("kanji.grfour.merit");
171   build_kanji.level(build_kanji.lr(380,60)
172     (tsu_xform(identity shifted (0,50))(build_kanji.lift_skirt(400,250)
173       (kanji.grtwo.craft))))
174     (kanji.grone.power));
175   expand_pbox;
176 enddef;

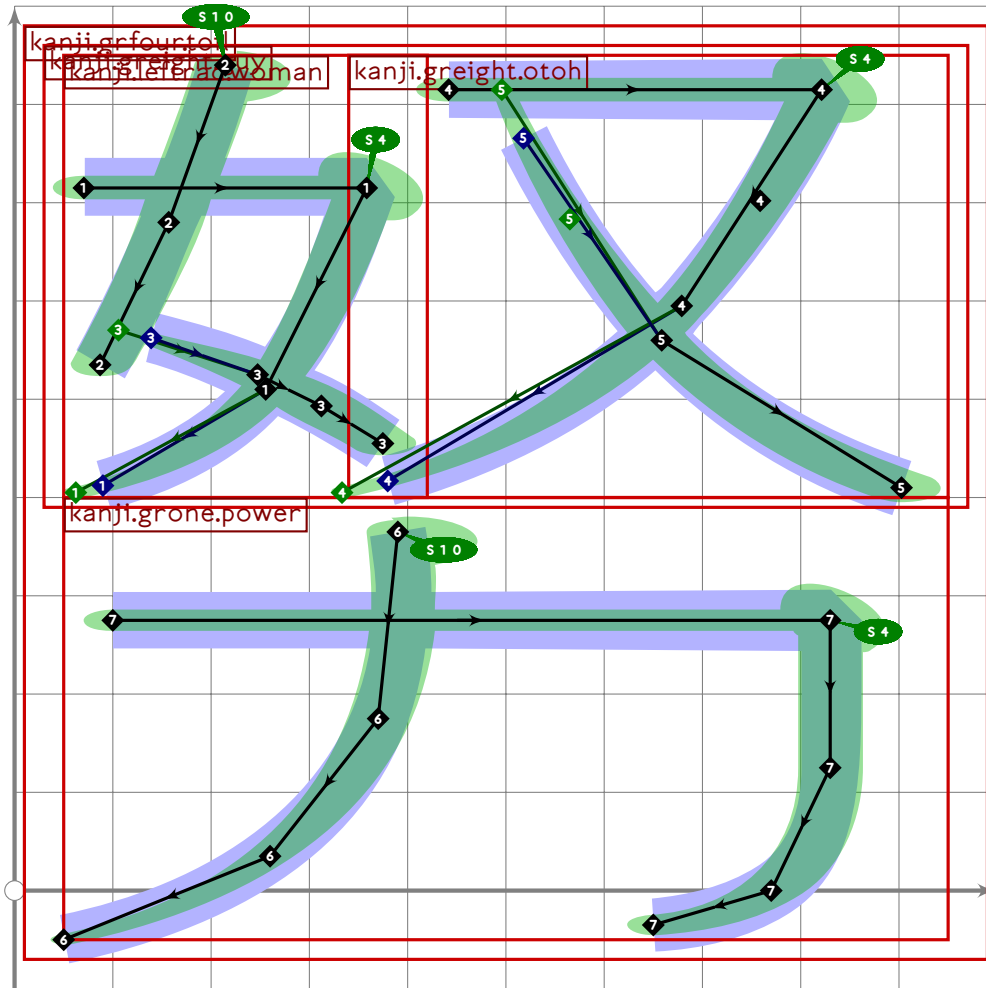
```



```

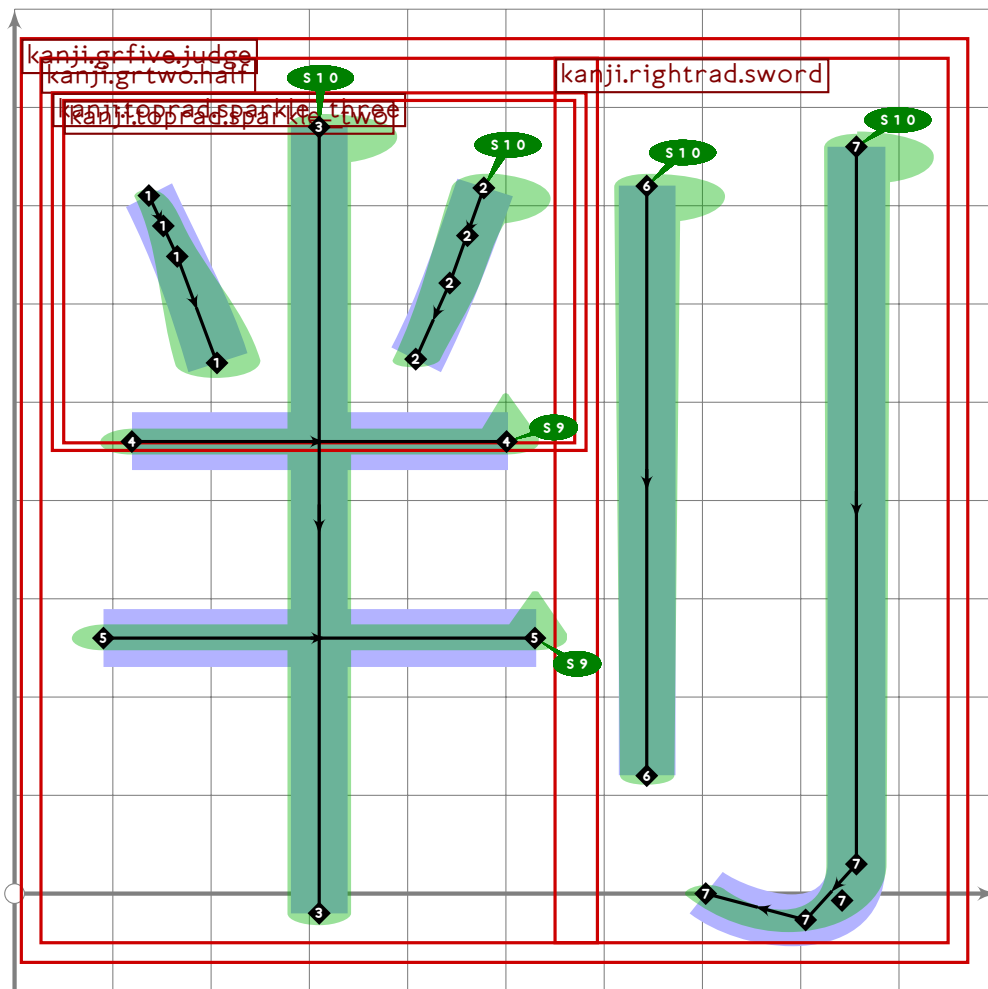
177
178 vardef kanji.grfour.print =
179   push_pbox_toexpand("kanji.grfour.print");
180   build_kanji.level(build_kanji.lr(650,30)
181     (kanji.rare.ancient_pig)
182     (kanji.rightrad.sword));
183   expand_pbox;
184 enddef;

```



```

185
186 vardef kanji.grfour.toil =
187   push_pbox_toexpand("kanji.grfour.toil");
188   build_kanji.level(build_kanji.tb(400,0)
189     (kanji.grfour.guy)
190     (kanji.grfour.power));
191   expand_pbox;
192 enddef;
193
194
```

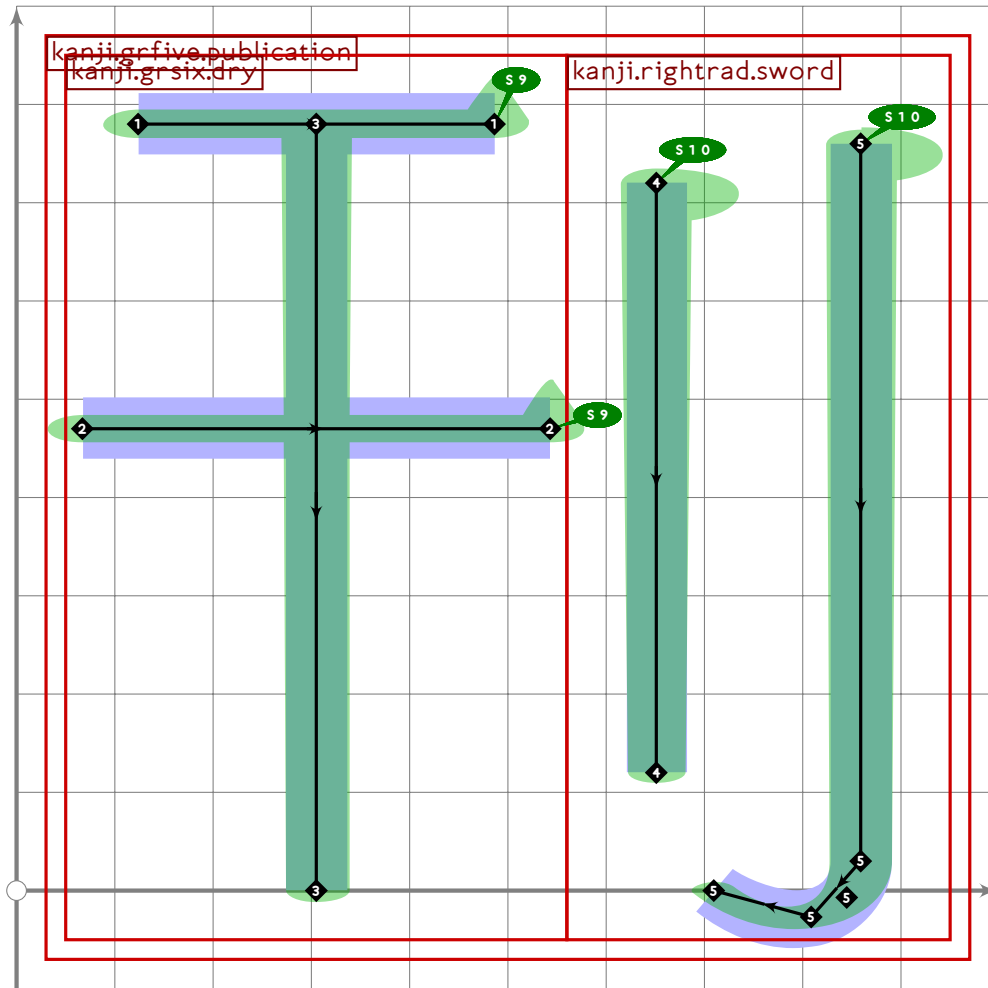


```

195
196 vardef kanji.grfive.judge =
197   push_pbox_toexpand("kanji.grfive.judge");
198   build_kanji.level(build_kanji.lr(560,20)
199     (kanji.grtwo.half)
200     (kanji.rightrad.sword));
201   expand_pbox;
202 enddef;

```

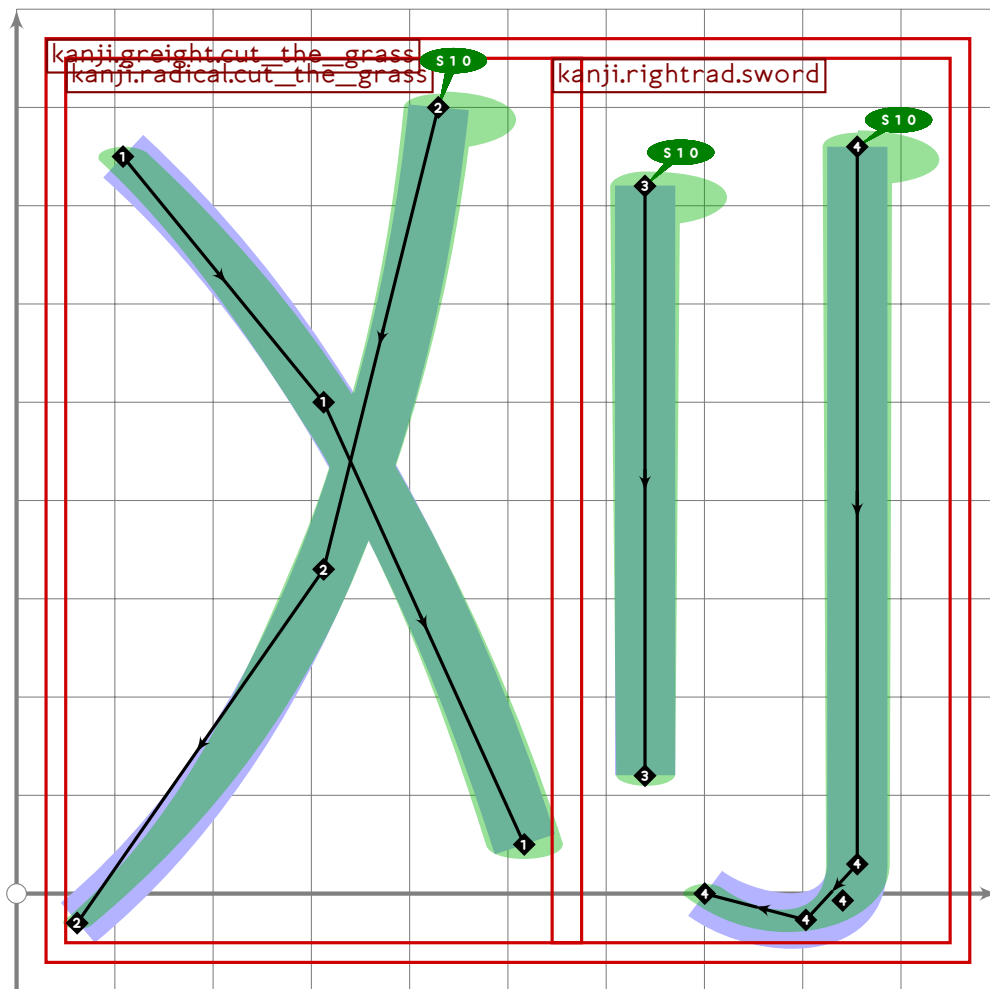




```

203
204 vardef kanji.grfive.publication =
205   push_pbox_toexpand("kanji.grfive.publication");
206   build_kanji.level(build_kanji.lr(560,0)
207     (kanji.grsix.dry)
208     (kanji.rightrad.sword));
209   expand_pbox;
210 enddef;
211
212

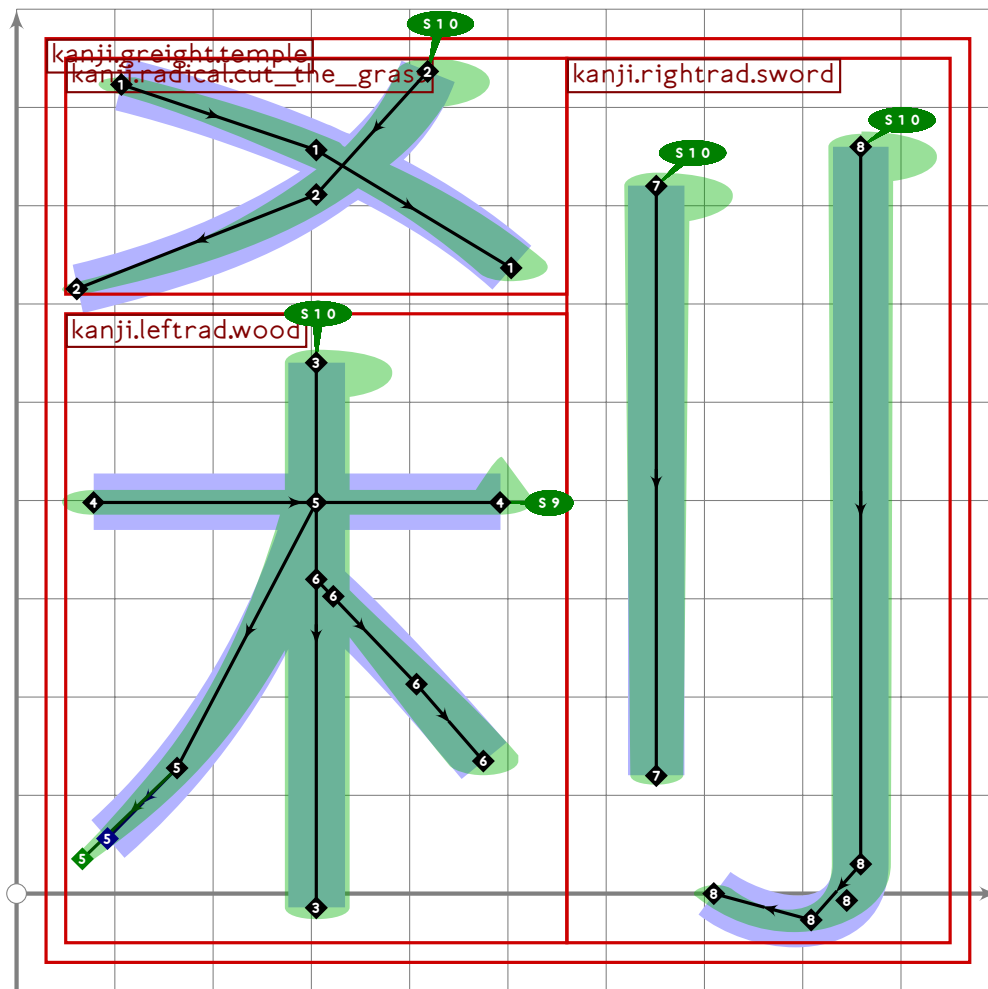
```



```

213
214 vardef kanji.greight.cut_the_grass =
215   push_pbox_toexpand("kanji.greight.cut_the_grass");
216   build_kanji.level(build_kanji.lr(560,30)
217     (kanji.radical.cut_the_grass)
218     (kanji.rightrad.sword));
219   expand_pbox;
220 enddef;

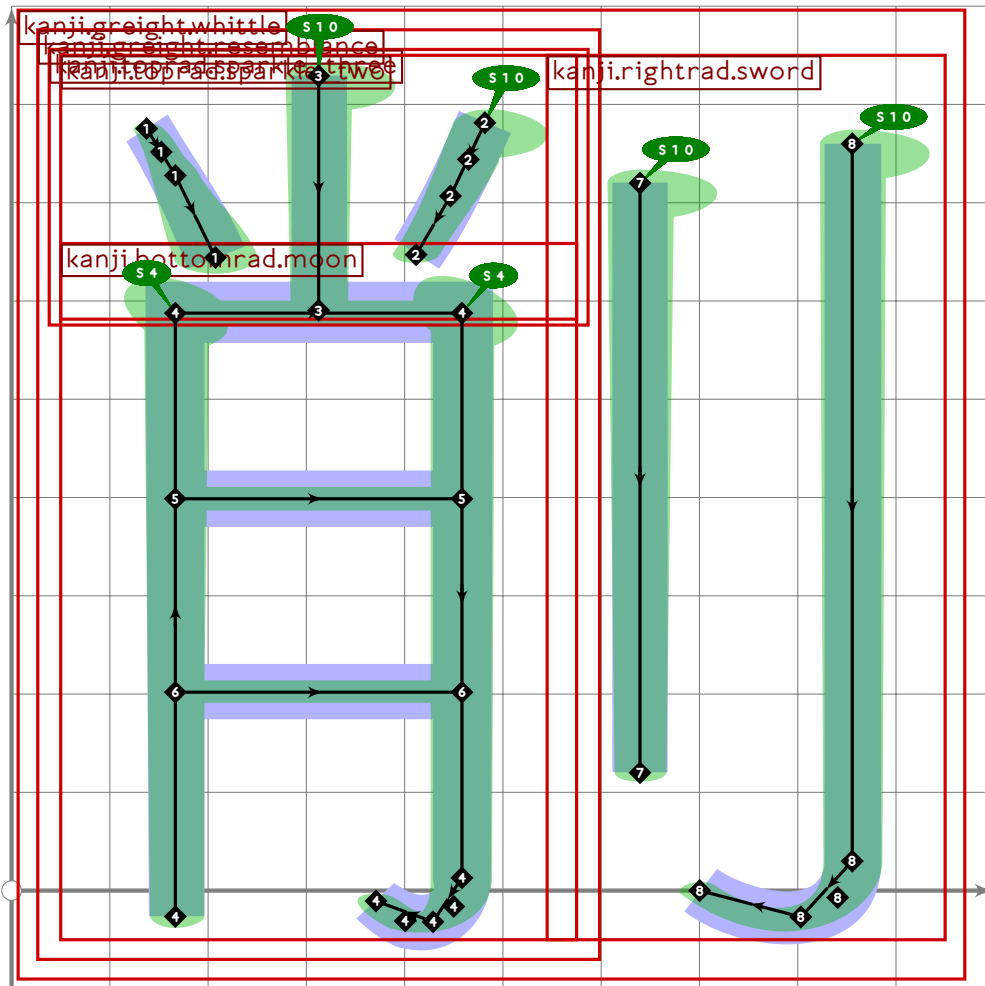
```



```

221
222 vardef kanji.greight.temple =
223   push_pbox_toexpand("kanji.greight.temple");
224   build_kanji.level(build_kanji.lr(560,0)
225     (build_kanji.tb(600,-20)
226       (kanji.radical.cut_the_grass)
227       (kanji.leftrad.wood))
228     (kanji.rightrad.sword));
229   expand_pbox;
230 enddef;

```



```

231
232 vardef kanji.greight.whittle =
233   push_pbox_toexpand("kanji.greight.whittle");
234   build_kanji.level(build_kanji.lr(560,30)
235     (kanji.greight.resemblance)
236     (kanji.rightrad.sword));
237   expand_pbox;
238 enddef;
239
240
241
242 vardef build_kanji.extend_ltail_enclose(expr splitpoint,overlap)
243   (text leftstuff)(text rightstuff) =
244   perl_structure:=perl_structure&"eids.u2FFA.1_4.2_3'[";
245   push_pbox_toexpand("build_kanji.extend_ltail_enclose");
246   perl_structure:=perl_structure&"]";
247   begingroup
248     save myxf,ele_curve,i,fsi;
249     transform myxf[];
250     numeric ele_curve,i,fsi;
251     (50;50) transformed myxf1=(50,90);

```

```

252 (50,850) transformed myxf1=(50,850);
253 (950,850) transformed myxf1=(870,850);
254 build_kanji.lr(splitpoint,overlap)
255   (perl_structure:=perl_structure&"]");
256   leftstuff;
257   ele_curve:=last_ltail)
258   (tsu_xform(myxf1)(rightstuff);
259   perl_structure:=perl_structure&"]",[");
260 obstackp[ele_curve]:=
261   subpath (0,length obstackp[ele_curve]-6) of obstackp[ele_curve];
262 obstackq[ele_curve]:=
263   subpath (0,length obstackq[ele_curve]-6) of obstackq[ele_curve];
264 i:=0;
265 forever;
266   fsi:=find_stroke(i);
267   if fsi=last_ltail:
268     build_kanji.add_ltail(i);
269   fi;
270   exitif fsi=last_ltail;
271   i:=i+1;
272 endfor;
273 (ulcorner obstackp[ele_curve]) transformed myxf2=
274   ulcorner obstackp[ele_curve];
275 (llcorner obstackp[ele_curve]) transformed myxf2=
276   llcorner obstackp[ele_curve];
277 (xpart lrcorner obstackp[ele_curve],50) transformed myxf2=
278   (930,50);
279 obstackp[ele_curve]:=obstackp[ele_curve] transformed myxf2;
280 endgroup;
281 perl_structure:=perl_structure&"]";
282 expand_pbox;
283 enddef;
284
285
286
287 % tou/katana "sword"
288 begintsuglyph("uni5200";0); [see page 544]
289 kanji.grtwo.sword;
290 tsu_render;
291 endtsuglyph;
292
293 % tou "sword radical"
294 begintsuglyph("uni5202";2); [see page 719]
295 kanji.rightrad.sword;
296 tsu_render;
297 endtsuglyph;
298
299 % bun/wa "minute" or "understand" (wakarimasu ka?)

```

300 begintsuglyph("uni5206";6);

[see page 522]

301 kanji.grtwo.minute;

302 tsu\_render;

303 endtsuglyph;

304

305 % setsu/ki "cut"

306 begintsuglyph("uni5207";7);

[see page 1884]

307 kanji.grtwo.cut;

308 tsu\_render;

309 endtsuglyph;

310

311 % gai/ka "mow"

312 begintsuglyph("uni5208";8);

[see page 1898]

313 kanji.greight.cut\_the\_grass;

314 tsu\_render;

315 endtsuglyph;

316

317 % kan "publication"

318 begintsuglyph("uni520A";10);

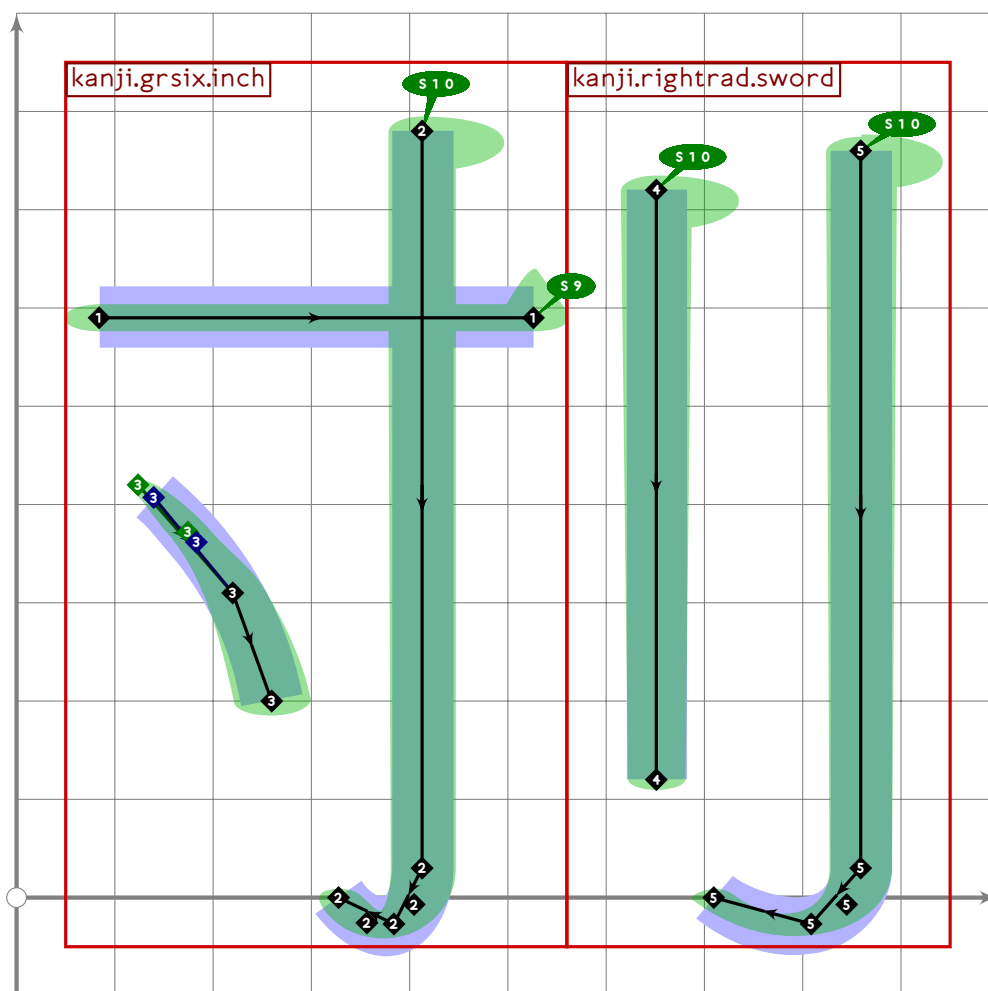
[see page 1897]

319 kanji.grfive.publication;

320 tsu\_render;

321 endtsuglyph;

322

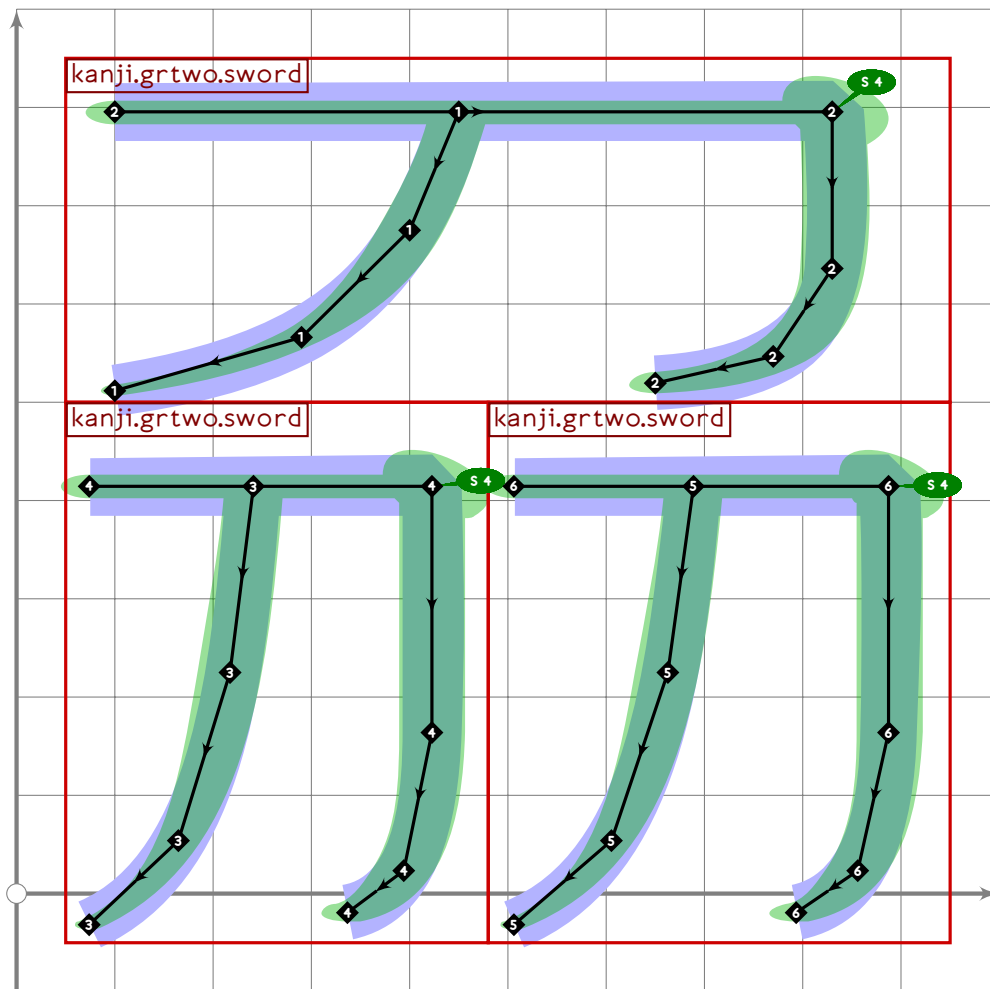


```

323 % extra
324 begintsuglyph("uni520C";12);
325   build_kanji.level(build_kanji.lr(560,0)
326     (kanji.grsix.inch)
327     (kanji.rightrad.sword));
328   tsu_render;
329 endtsuglyph;
330
331 % kei "punish"
332 begintsuglyph("uni5211";17);
333   kanji.greight.punish;
334   tsu_render;
335 endtsuglyph;
336

```

[see page 758]

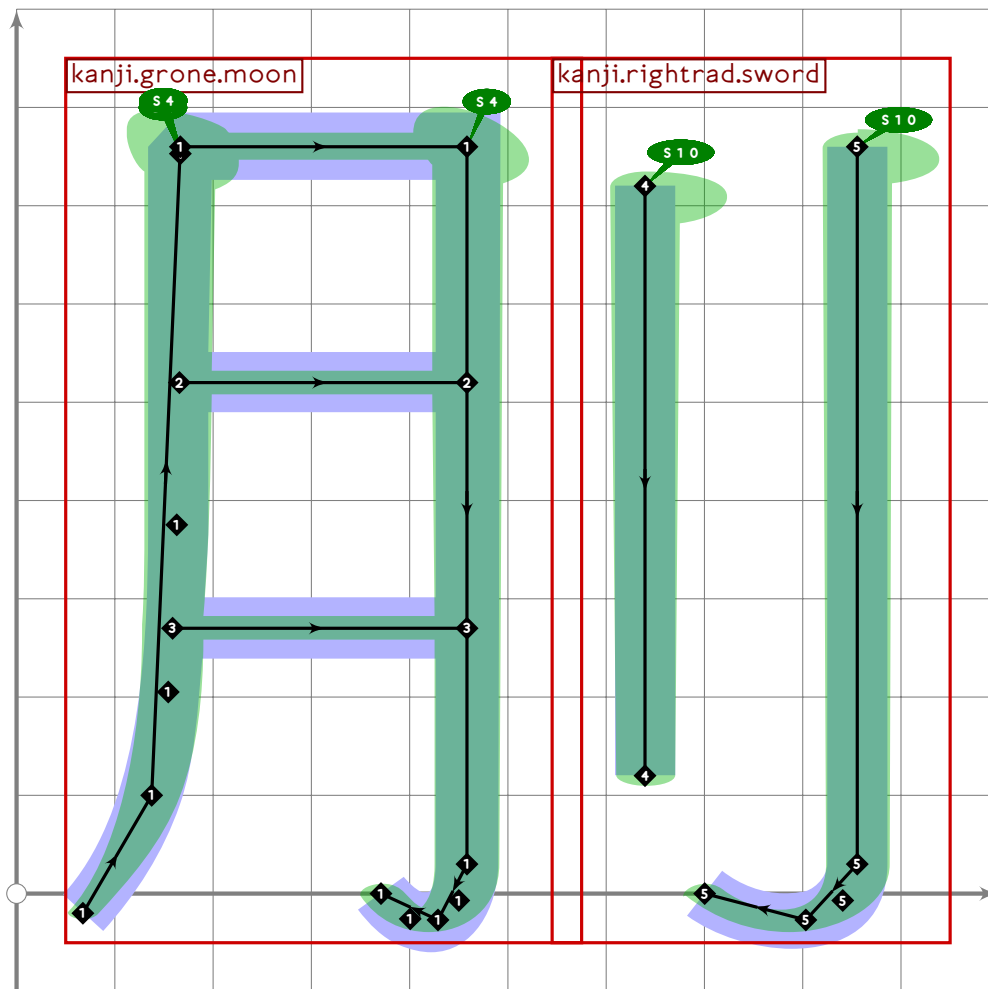


```

337 % extra
338 begintsuglyph("uni5215";21);
339   build_kanji.level(build_kanji.triclust(1)
340     (kanji.grtwo.sword)
341     (kanji.grtwo.sword)
342     (kanji.grtwo.sword));
343   tsu_render;
344 endtsuglyph;
345

```



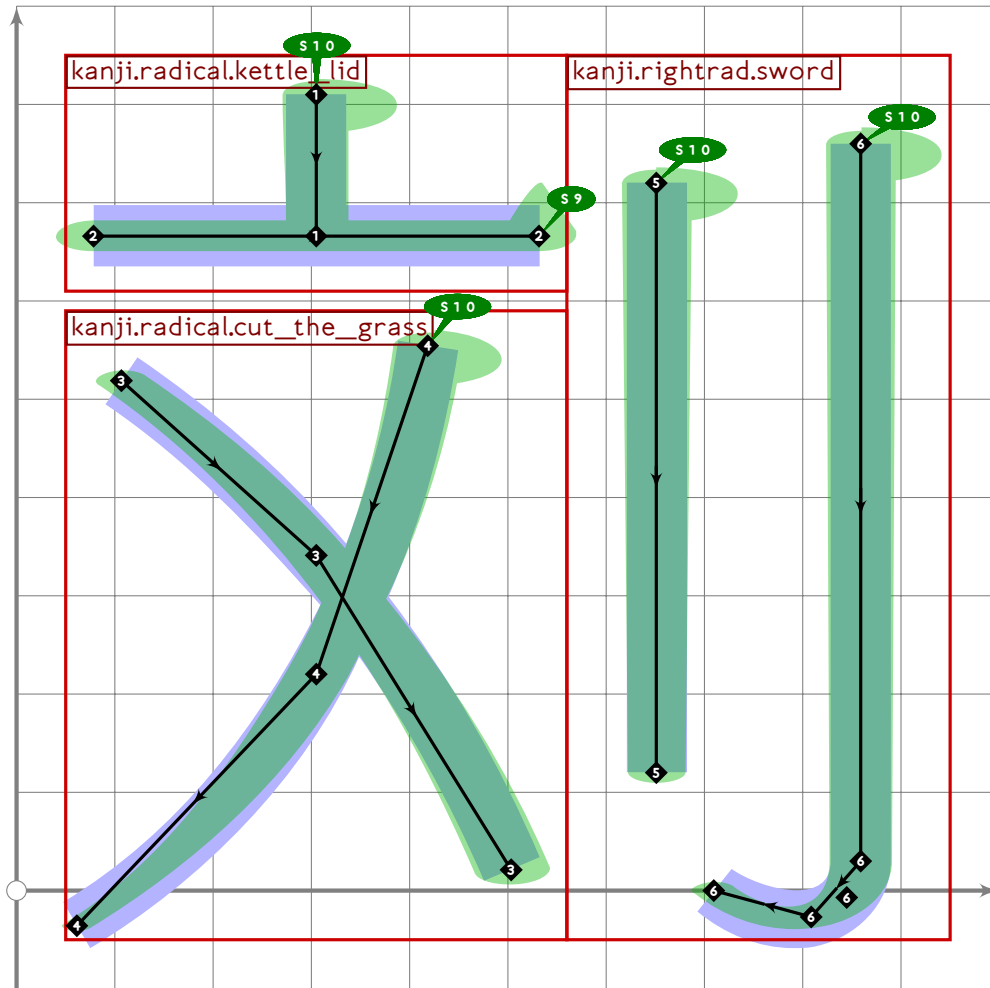


```

346 % extra: punishment by cutting off the feet (wtf?)
347 begintsuglyph("uni5216";22);
348   build_kanji.level(build_kanji.lr(560,30)
349     (kanji.grone.moon)
350     (kanji.rightrad.sword));
351   tsu_render;
352 endtsuglyph;
353
354 % retsu "column"
355 begintsuglyph("uni5217";23);
356   kanji.grthree.column;
357   tsu_render;
358 endtsuglyph;
359

```

[see page 564]



```

360 % extra: kill, destroy
361 begintsuglyph("uni5218",24);
362   build_kanji.level(build_kanji.lr(560,0)
363     (build_kanji.tb(600,-20)
364       (kanji.radical.kettle_lid)
365       (kanji.radical.cut_the_grass))
366     (kanji.rightrad.sword));
367   tsu_render;
368 endtsuglyph;
369
370 % sho/haji "first time"
371 begintsuglyph("uni521D",29);
372   kanji.grfour.first_time;
373   tsu_render;
374 endtsuglyph;
375
376 % han/kawa "judge"
377 begintsuglyph("uni5224",36);
378   kanji.grfive.judge;
379   tsu_render;
380 endtsuglyph;

```

[see page 1891]

[see page 1896]

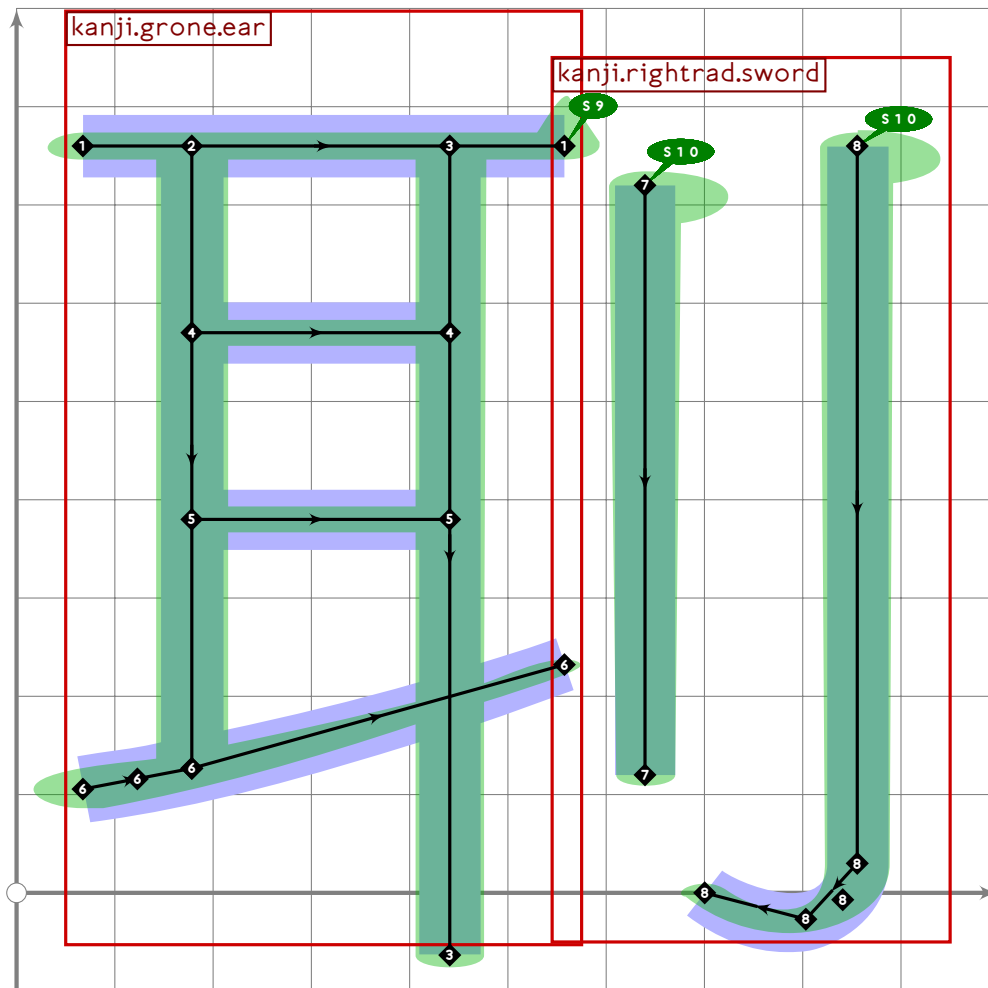
```

381
382 % betsu/waka "distinction"
383 begintsuglyph("uni5225";37);
384   kanji.grfour.distinction;
385   tsu_render;
386 endtsuglyph;
387
388 % ri/ki "advantage"
389 begintsuglyph("uni5229";41);
390   kanji.grfour.advantage;
391   tsu_render;
392 endtsuglyph;
393

```

[see page 1890]

[see page 599]



```

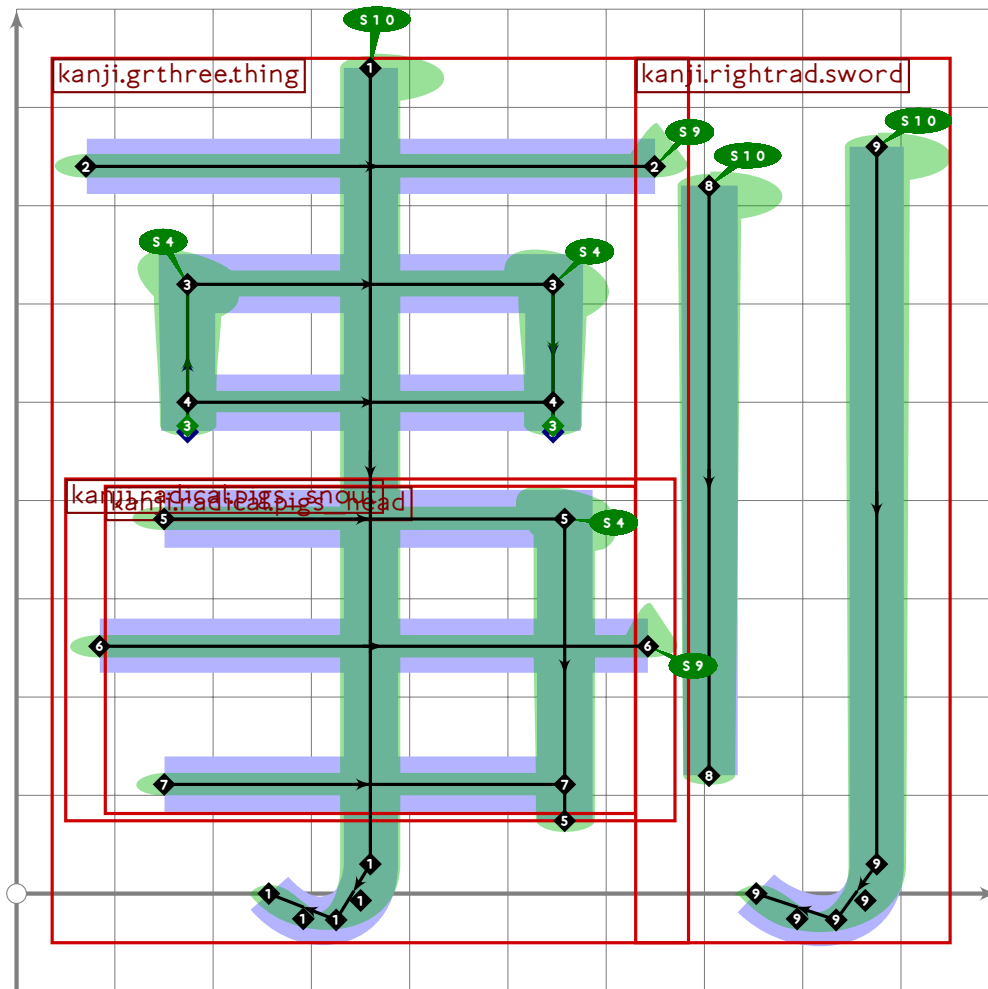
394 % extra: punishment by cutting off the ears
395 begintsuglyph("uni5235";53);
396   build_kanji.level(build_kanji.lr(560,30)
397     (tsu_xform(identity yscaled (760/720))(kanji.grone.ear))
398     (kanji.rightrad.sword));
399   tsu_render;
400 endtsuglyph;
401

```

```

402 % satsu/su "print"
403 begintsuglyph("uni5237";55); [see page 1894]
404 kanji.grfour.print;
405 tsu_render;
406 endtsuglyph;
407
408 % satsu "temple/central pillar of pagoda"
409 begintsuglyph("uni5239";57); [see page 1899]
410 kanji.greight.temple;
411 tsu_render;
412 endtsuglyph;
413
414 % soku/notto "conform"
415 begintsuglyph("uni5247";71); [see page 636]
416 kanji.grfive.conform;
417 tsu_render;
418 endtsuglyph;
419
420 % saku/kezu "whittle, sharpen, plane"
421 begintsuglyph("uni524A";74); [see page 1900]
422 kanji.greight.whittle;
423 tsu_render;
424 endtsuglyph;
425
426 % zen/mae "before"
427 begintsuglyph("uni524D";77); [see page 1883]
428 kanji.grtwo.before;
429 tsu_render;
430 endtsuglyph;
431

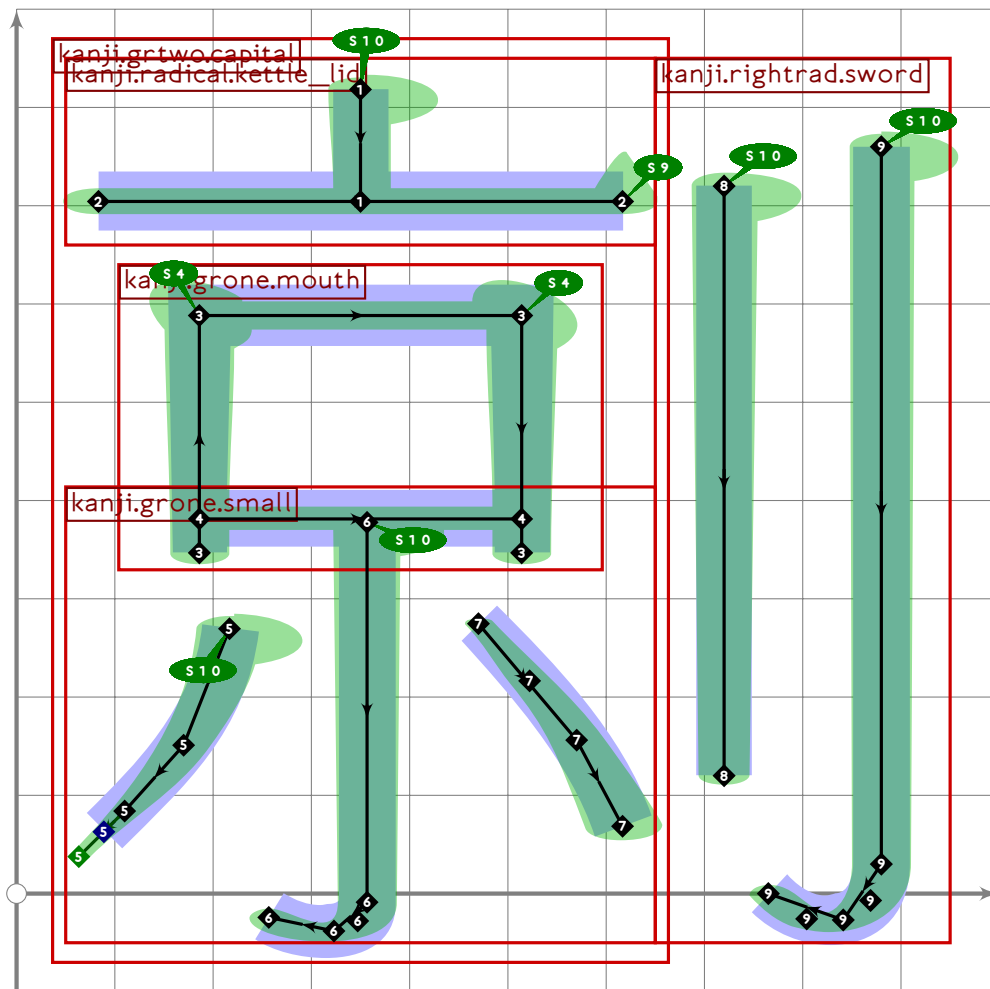
```



```

432 % extra: "stab"
433 begintsuglyph("uni525A'90);
434 build_kanji.level(build_kanji.lr(650,40)
435   (kanji.grthree.thing)
436   (kanji.rightrad.sword));
437 tsu_render;
438 endtsuglyph;
439

```

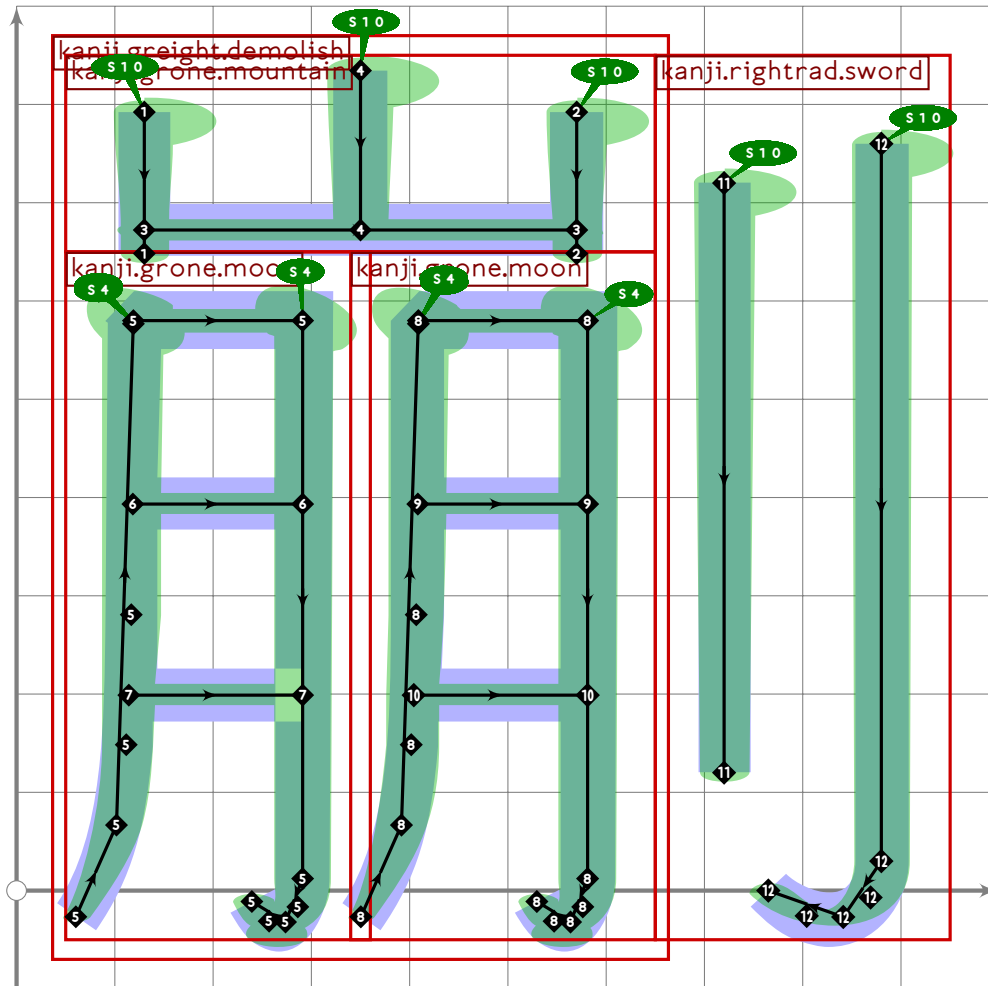


```

440 % extra: "brand" (probably yet another criminal punishment)
441 begintsuglyph("uni5260";96);
442   build_kanji.level(build_kanji.lr(650,0)
443     (kanji.grtwo.capital)
444     (kanji.rightrad.sword));
445   tsu_render;
446 endtsuglyph;
447
448 % fuku/soi "auxilliary" (also "adverb")
449 begintsuglyph("uni526F";111);
450   kanji.grfour.auxilliary;
451   tsu_render;
452 endtsuglyph;
453

```

[see page 1888]



```

454 % extra
455 begintsuglyph("uni527B";123);
456   build_kanji.level(build_kanji.lr(650,0)
457     (kanji.greight.demolish)
458     (kanji.rightrad.sword));
459   tsu_render;
460 endtsuglyph;
461
462 % ryoku "power", as in Koizumi Itsuki has teh "chounouryoku"
463 begintsuglyph("uni529B";155);
464   kanji.grone.power;
465   tsu_render;
466 endtsuglyph;
467
468 % kou/isao "merit"
469 begintsuglyph("uni529F";159);
470   kanji.grfour.merit;
471   tsu_render;
472 endtsuglyph;
473
474 % kuwa "addition", also "Canada"

```

[see page 456]

[see page 1893]

U+52A6  
tsuku.uni52A6

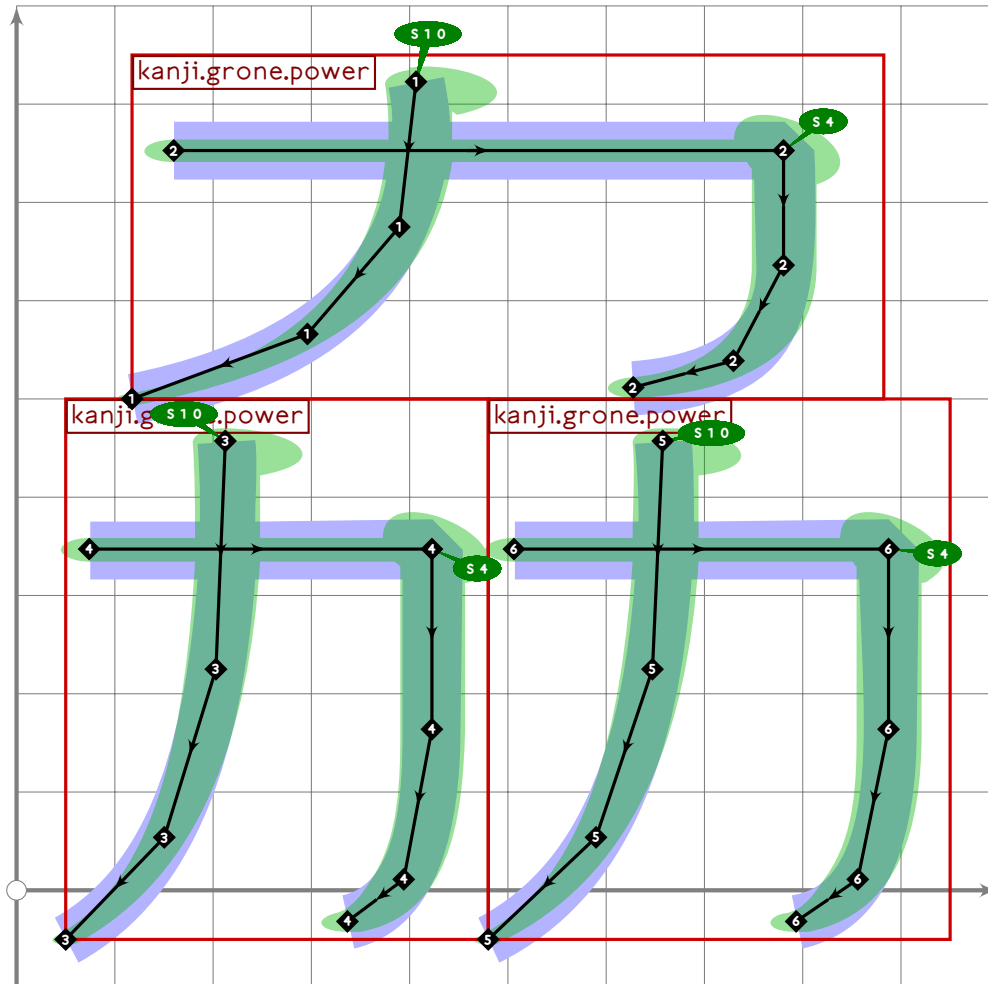
```

475 begintsuglyph("uni52A0";160);
476 kanji.grfour.addition;
477 tsu_render;
478 endtsuglyph;
479

```

[see page 598]

52



```

480 % extra
481 begintsuglyph("uni52A6";166);
482 build_kanji.level(build_kanji.tricuster(0.85)
483   (kanji.grone.power)
484   (kanji.grone.power)
485   (kanji.grone.power));
486 tsu_render;
487 endtsuglyph;
488
489 % jo/tasu "help"
490 begintsuglyph("uni52A9";169);
491 kanji.grthree.help;
492 tsu_render;
493 endtsuglyph;
494
495 % do/tsuto "toil"

```

[see page 1886]



496 `begintsuglyph("uni52AA";170);` [see page 1895]  
 497 `kanji.grfour.toil;`  
 498 `tsu_render;`  
 499 `endtsuglyph;`  
 500  
 501 `% rou/ita "labour"`  
 502 `begintsuglyph("uni52B4";180);` [see page 1892]  
 503 `kanji.grfour.labour;`  
 504 `tsu_render;`  
 505 `endtsuglyph;`  
 506  
 507 `% yuu/isa "courage"`  
 508 `begintsuglyph("uni52C7";199);` [see page 1889]  
 509 `kanji.grfour.courage;`  
 510 `tsu_render;`  
 511 `endtsuglyph;`  
 512  
 513 `% ben/tsuto "exertion"`  
 514 `begintsuglyph("uni52C9";201);` [see page 1885]  
 515 `kanji.grthree.exertion;`  
 516 `tsu_render;`  
 517 `endtsuglyph;`  
 518  
 519 `% dou/ugo "motion"`  
 520 `begintsuglyph("uni52D5";213);` [see page 583]  
 521 `kanji.grthree.motion;`  
 522 `tsu_render;`  
 523 `endtsuglyph;`  
 524  
 525 `% shou/ka "victory"`  
 526 `begintsuglyph("uni52DD";221);` [see page 1887]  
 527 `kanji.grthree.victory;`  
 528 `tsu_render;`  
 529 `endtsuglyph;`  
 530  
 531 `% hou/tsutsu "wrapping radical"`  
 532 `begintsuglyph("uni52F9";249);` [see page 715]  
 533 `kanji.radical.wrapping;`  
 534 `tsu_render;`  
 535 `endtsuglyph;`  
 536  
 537 `% shaku "ladle" (also a unit of measure)`  
 538 `begintsuglyph("uni52FA";250);` [see page 780]  
 539 `kanji.grnine.ladle;`  
 540 `tsu_render;`  
 541 `endtsuglyph;`  
 542  
 543 `% mochi/naka "not", esp. "must not"`

544 `begintsuglyph("uni52FF";255);`

[see page 782]

545 `kanji.grnine.must_not;`

546 `tsu_render;`

547 `endtsuglyph;`

548

549

---

550

551 `endfont;`

552

553

---

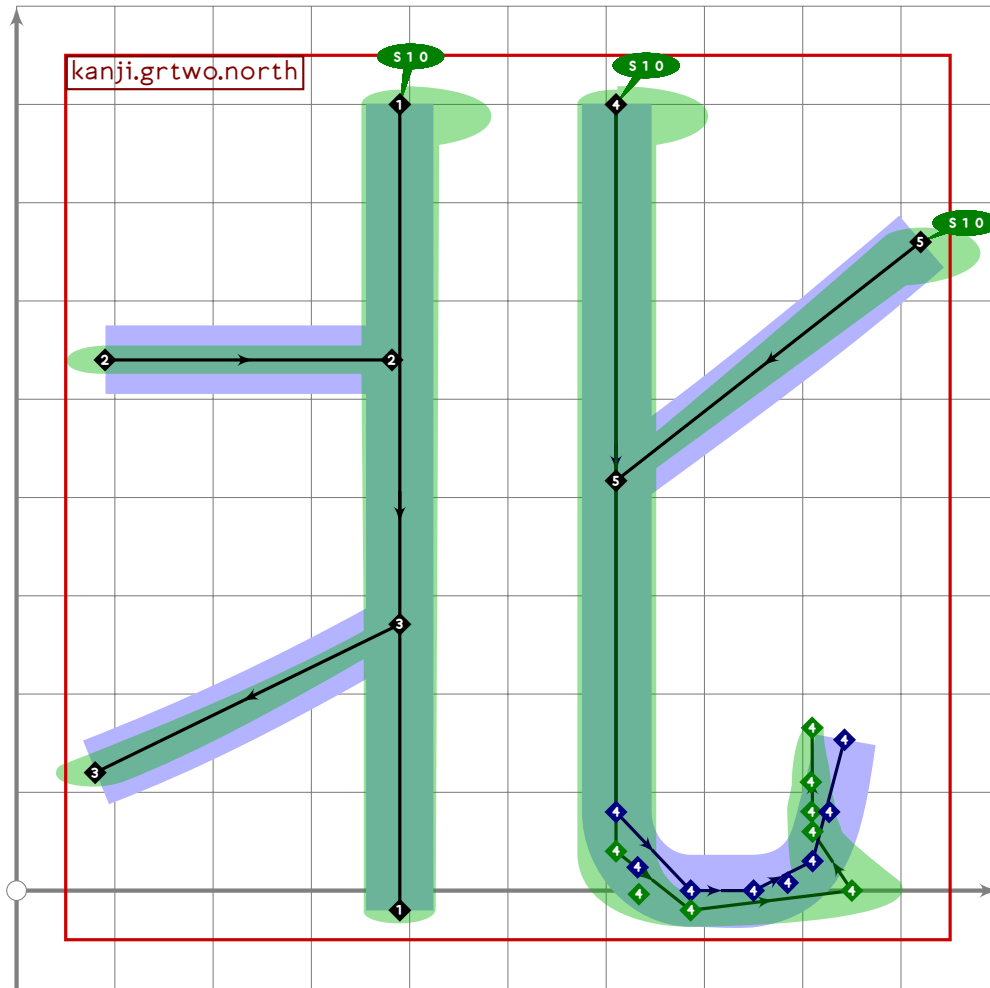
```
1 %
2 % Unicode page 53 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

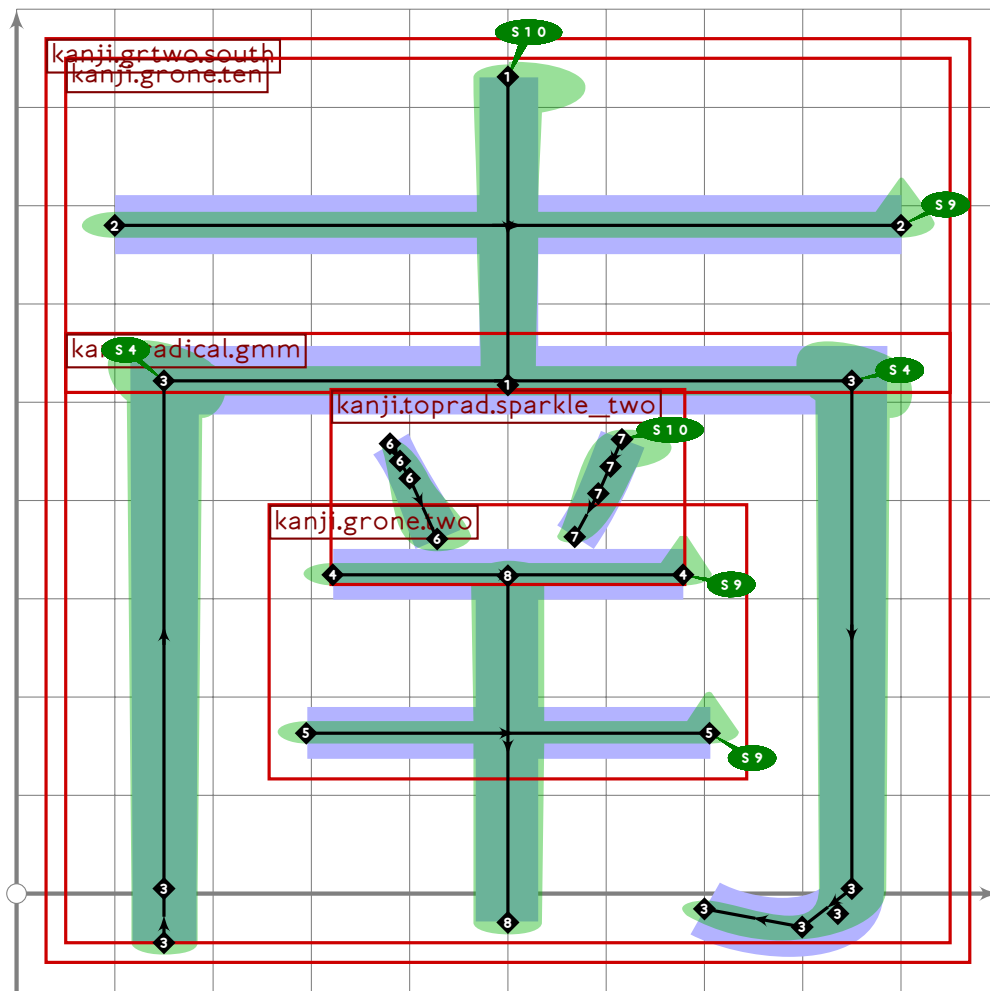

```



```

54
55 vardef kanji.grtwo.north =
56   push_pbox_toexpand("kanji.grtwo.north");
57   push_stroke((390,800)-(390,-20),(1.6,1.6)-(1.5,1.5));
58   set_boserif(0,0,10);
59   push_stroke((90,540)-(382,540),(1.6,1.6)-(1.6,1.6));
60   push_stroke((920,660)..tension 1.2..(500,340)..(80,120),
61     (1,1,1)-(1.6,1.6));
62   push_stroke((610,800),(1.6,1.6));
63   build_kanji.add_tail(0);
64   set_boserif(0,0,10);
65   push_stroke(subpath
66     (0,xpart (get_stroke(-1) intersectiontimes get_stroke(0)))
67     of get_stroke(-1),
68     (1.6,1.6)-(1,1,1));
69   set_boserif(0,0,10);
70   replace_stroke(-2)(subpath
71     (xpart (oldp intersectiontimes get_stroke(-4)),infinity)
72     of oldp);
73   expand_pbox;
74 enddef;

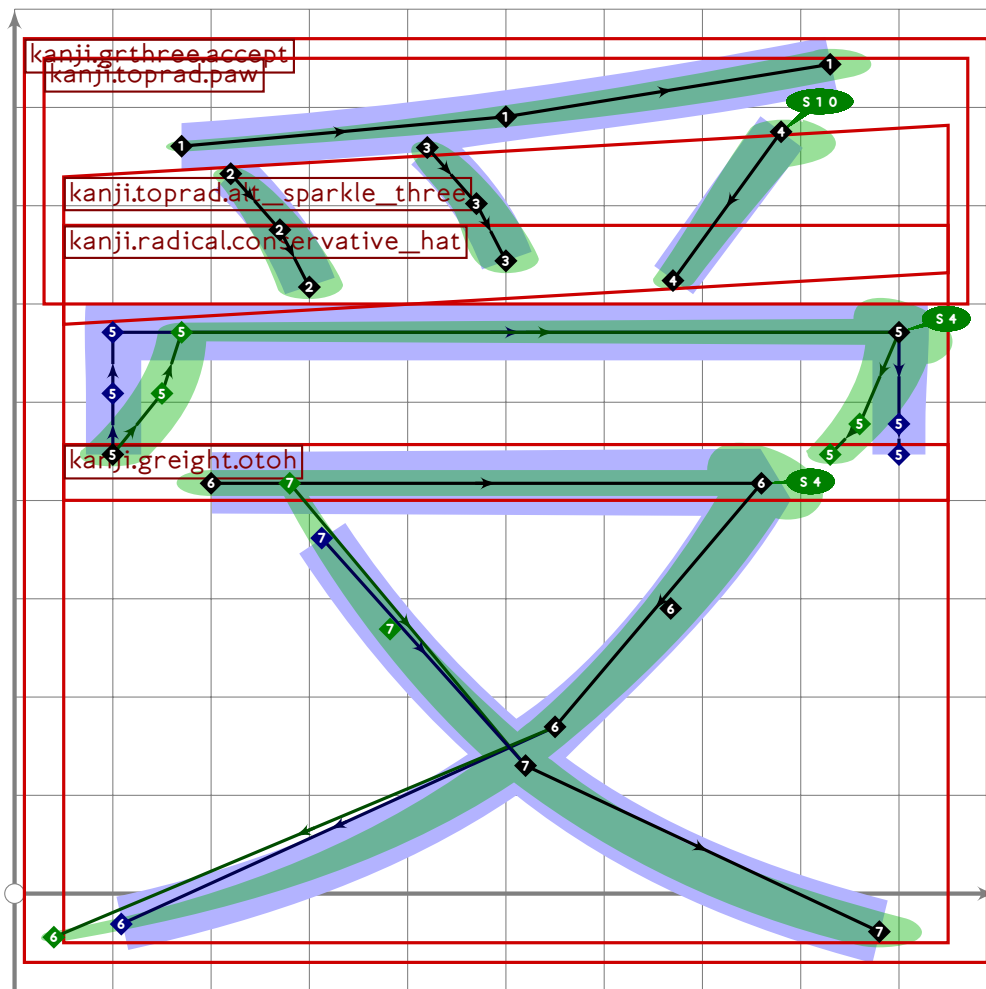
```



```

75
76 vardef kanji.grtwo.south =
77   push_pbox_toexpand("kanji.grtwo.south");
78   build_kanji.tb(540,60)
79     (kanji.grtwo.south)
80     (kanji.radical.gmm;
81       build_kanji.sscale(xyscaled (0.54,0.45))(kanji.grtwo);
82       build_kanji.sscale(xyscaled (0.4,0.32) shifted (0,230))
83       (kanji.toprad.sparkle_two);
84       push_stroke((500,492)-(500,20),(1.6,1.6)-(1.5,1.5));
85     );
86   expand_pbox;
87 enddef;
88
89

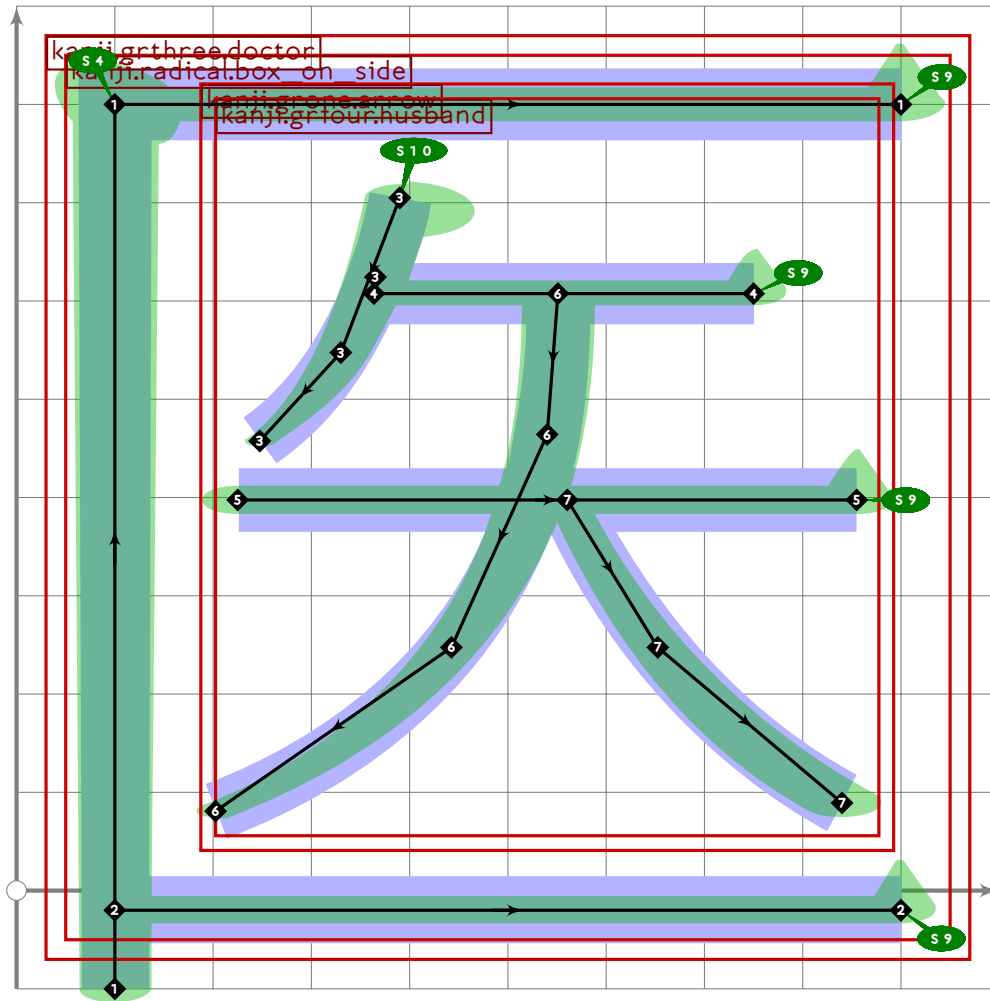
```



```

90
91 vardef kanji.grthree.accept =
92   push_pbox_toexpand("kanji.grthree.accept");
93   build_kanji.tb(640,80)
94     (kanji.toprad.paw)
95     (build_kanji.tb(540,70)
96       (kanji.radical.conservative_hat)
97       (kanji.greight.otoh));
98   expand_pbox;
99 enddef;

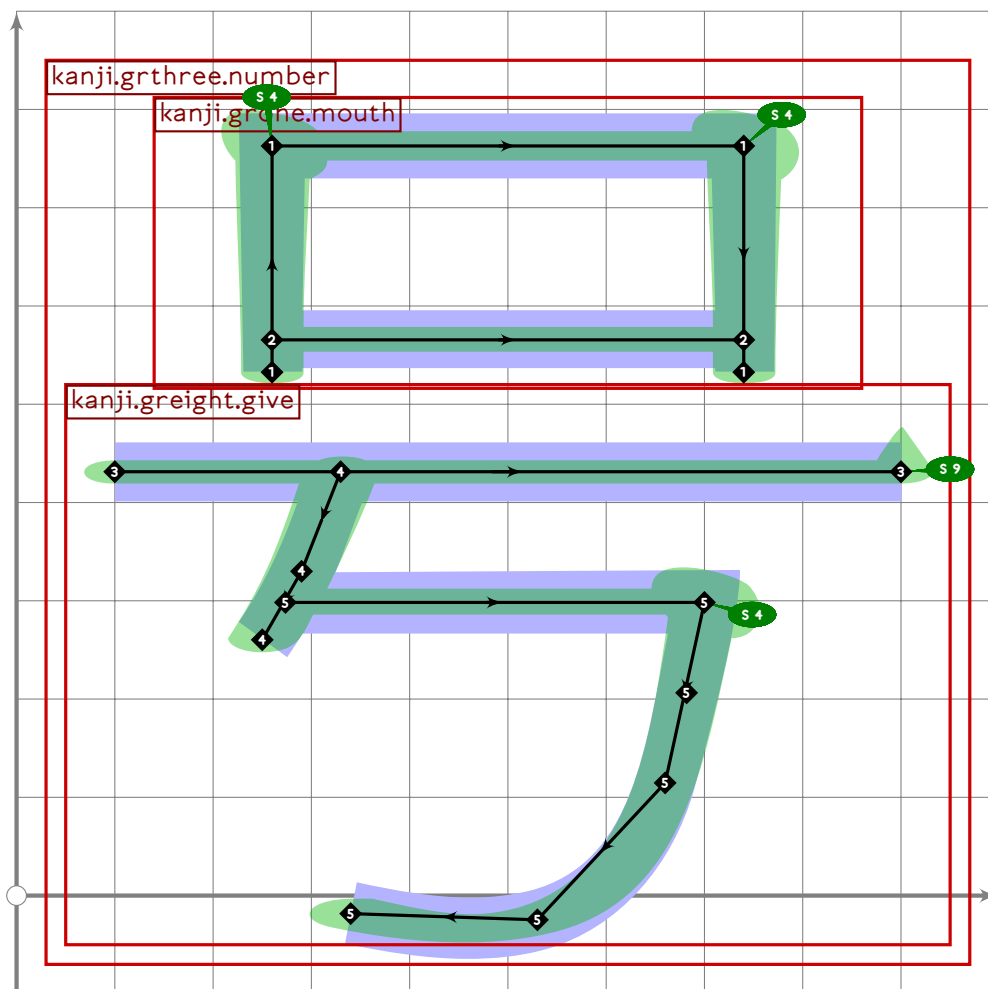
```



```

100
101 vardef kanji.grthree.doctor =
102   push_pbox_toexpand("kanji.grthree.doctor");
103   kanji.radical.box_on_side;
104   build_kanji.sscale(scaled 0.75 shifted (40,0))(kanji.grtwo.arrow);
105   expand_pbox;
106 enddef;

```

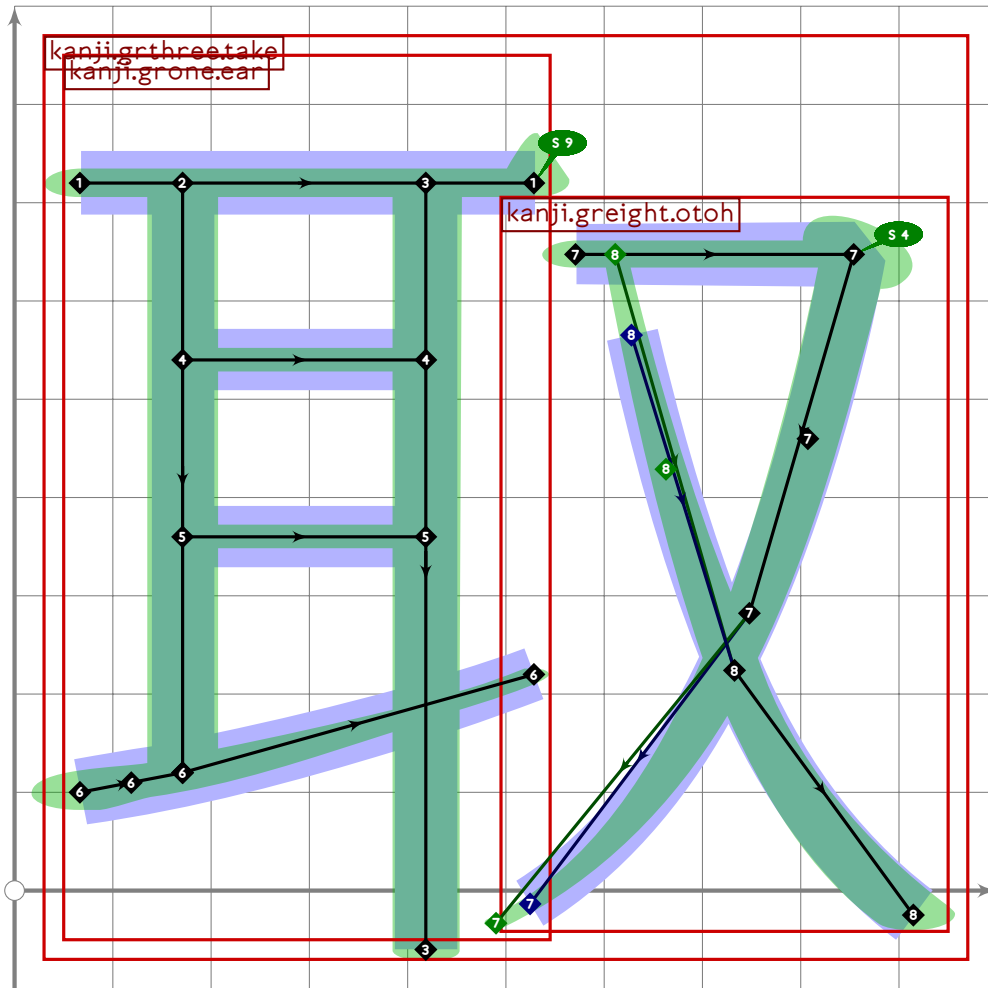


```

107
108 vardef kanji.grthree.number =
109   push_pbox_toexpand("kanji.grthree.number");
110   build_kanji.level(build_kanji.tb(500,40)
111     (build_kanji.sscale(scaled 0.8)(kanji.grone.mouth))
112     (kanji.greight.give;
113       pop_stroke;
114       replace_stroke(-2)((100,710)-(900,710));
115       replace_stroke(-1)(subpath (xpart (oldp intersectiontimes
116         get_stroke(-2)),infinity) of oldp));
117       set_boserif(-1,0,whatever));
118   expand_pbox;
119 enddef;

```

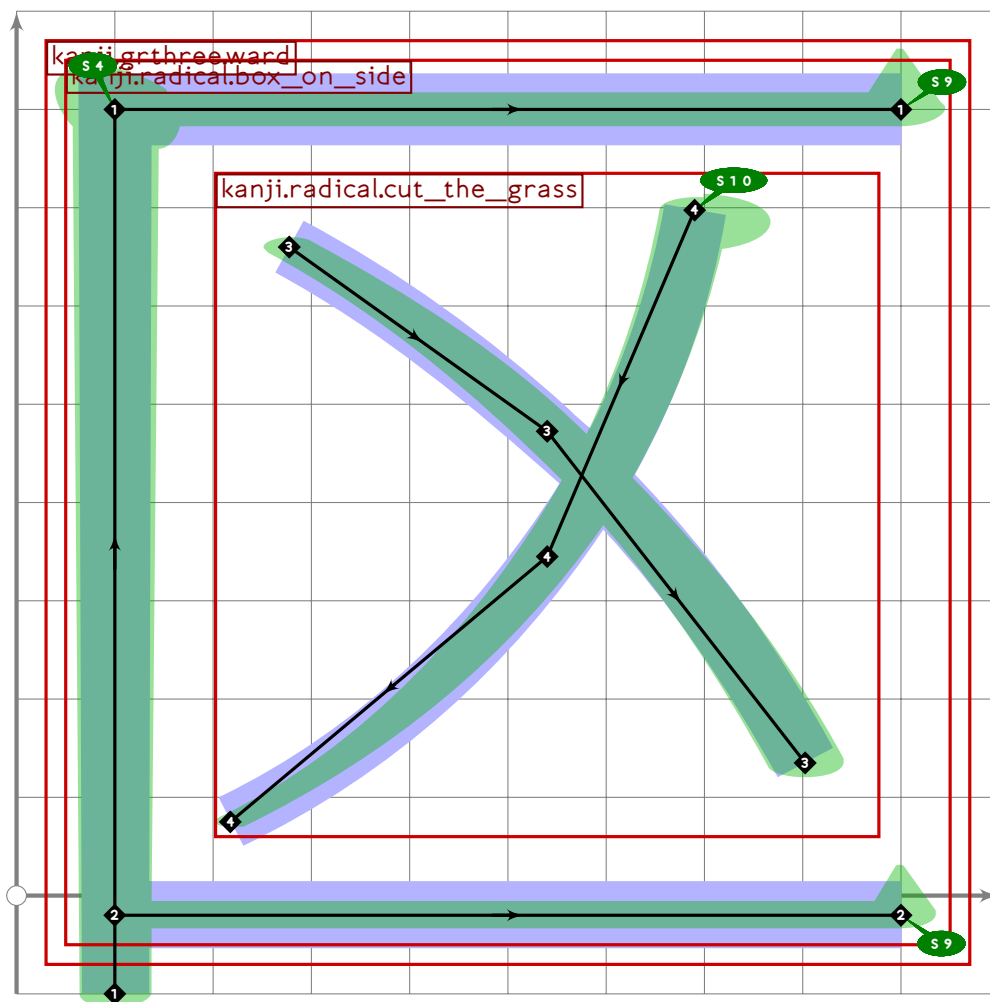




```

120
121 vardef kanji.grthree.take =
122   push_pbox_toexpand("kanji.grthree.take");
123   build_kanji.lr(520,50)
124     (kanji.grone.ear)
125     (tsu_xform(identity yscaled 0.83)(kanji.greight.otoh));
126   expand_pbox;
127 enddef;

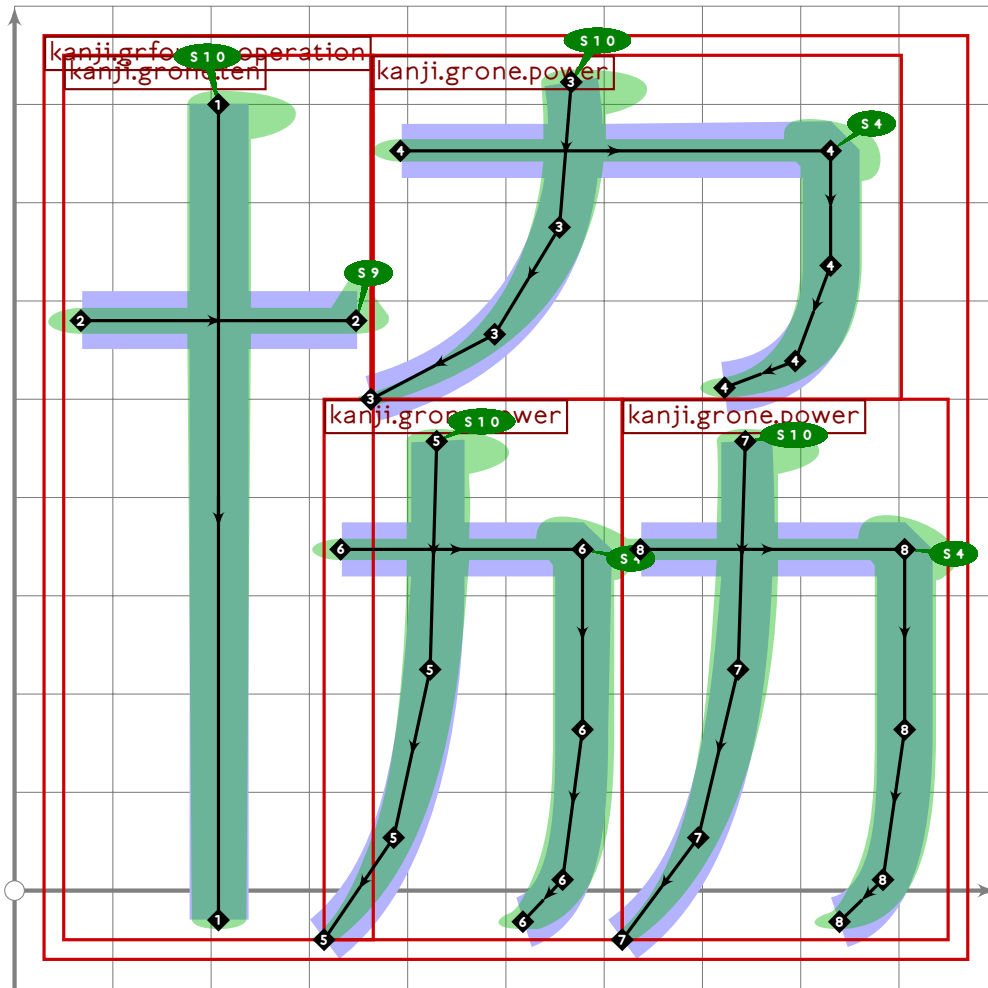
```



```

128
129 vardef kanji.grthree.ward =
130   push_pbox_toexpand("kanji.grthree.ward");
131   kanji.radical.box_on_side;
132   build_kanji.sscale(scaled 0.75 shifted (40,0))
133     (kanji.radical.cut_the_grass);
134   expand_pbox;
135 enddef;
136
137

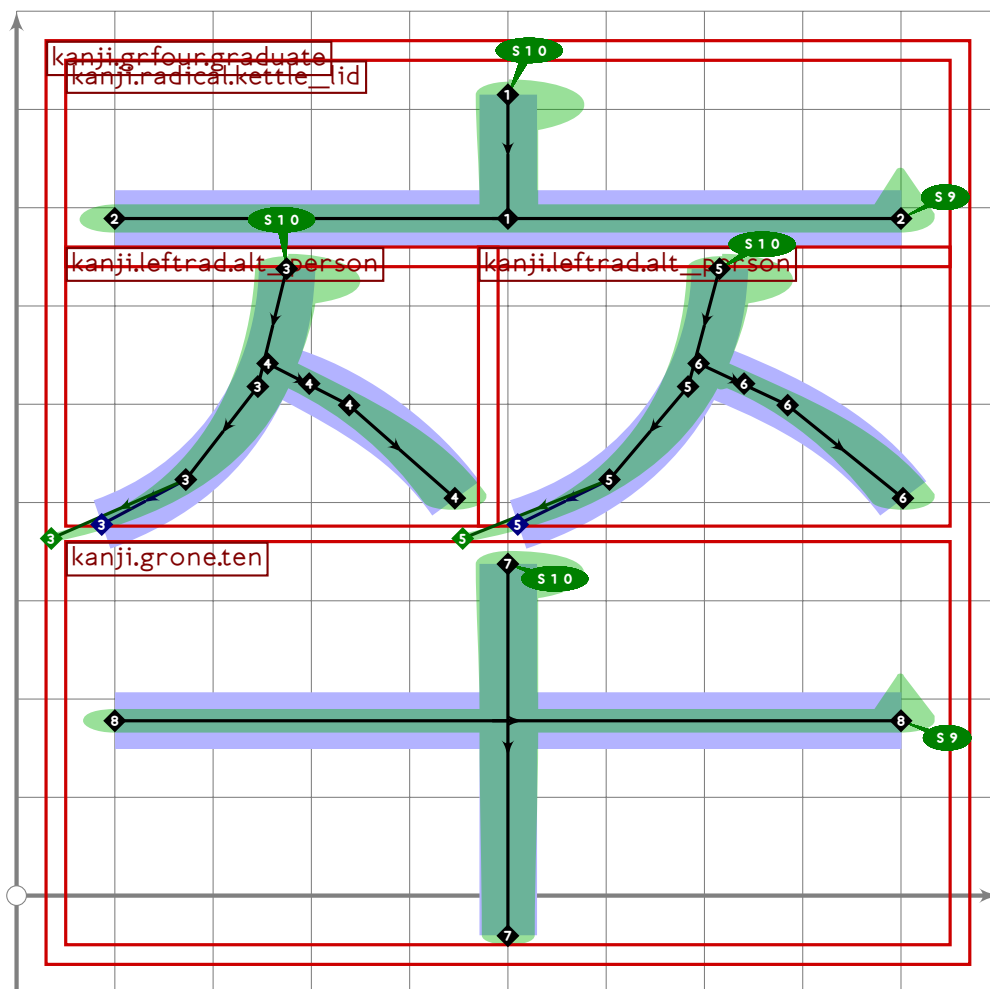
```



```

138
139 vardef kanji.grfour.cooperation =
140   push_pbox_toexpand("kanji.grfour.cooperation");
141   build_kanji.lr(340,50)
142     (kanji.grone.ten;
143       replace_strokep(0)(oldp shifted (0,180)))
144     (build_kanji.level(build_kanji.triclust(0.85)
145       (kanji.grone.power)
146       (kanji.grone.power)
147       (kanji.grone.power)));
148   expand_pbox;
149 enddef;

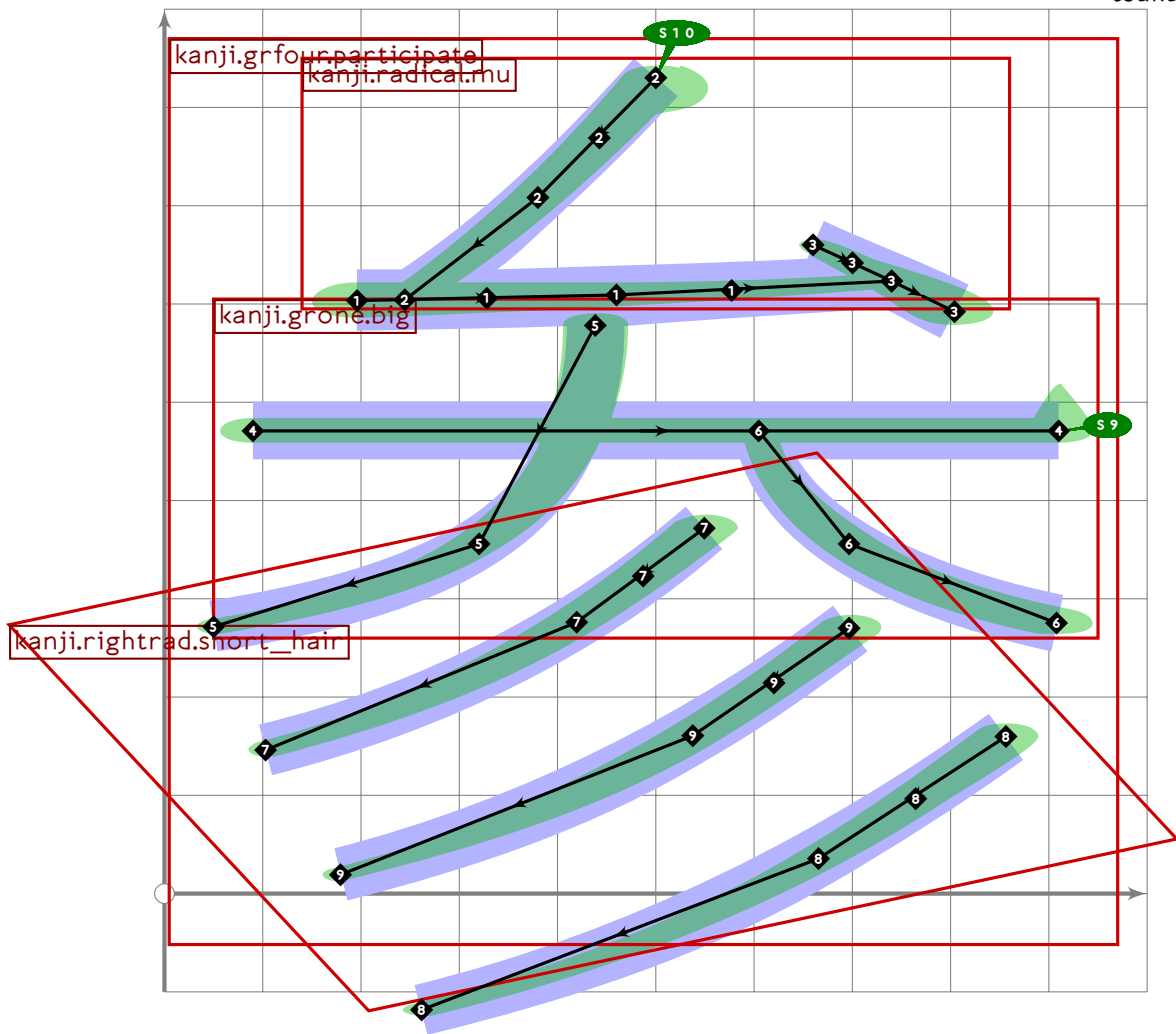
```



```

150
151 vardef kanji.grfour.graduate =
152   push_pbox_toexpand("kanji.grfour.graduate");
153   build_kanji.level(build_kanji.tb(650,20)
154     (kanji.radical.kettle_lid)
155     (build_kanji.tb(480,20)
156       (build_kanji.lr(480,20)
157         (kanji.leftrad.alt_person)
158         (kanji.leftrad.alt_person))
159       (kanji.grone.ten;
160         replace_strokep(0)(oldp shifted (0,50)))));
161   expand_pbox;
162 enddef;

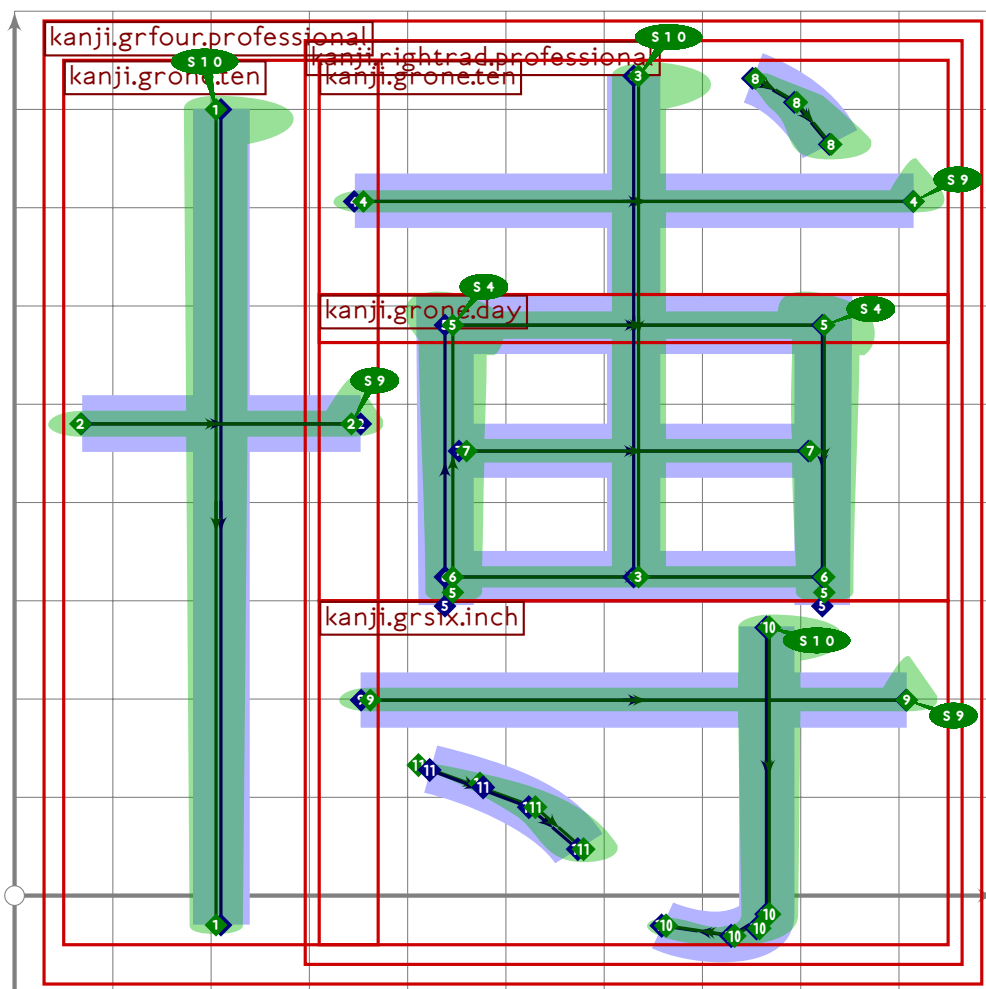
```



```

163
164 vardef kanji.grfour.participate =
165   push_pbox_toexpand("kanji.grfour.participate");
166   build_kanji.level(build_kanji.tcb(600,10)(320,120)
167     (build_kanji.sscale(xscaled 0.8)(kanji.radical.mu))
168     (build_kanji.spread_legs(140)(kanji.grone.big))
169     (build_kanji.sscale(rotated 24 shifted (-60,0))
170       (kanji.rightrad.short_hair)));
171   expand_pbox;
172 enddef;

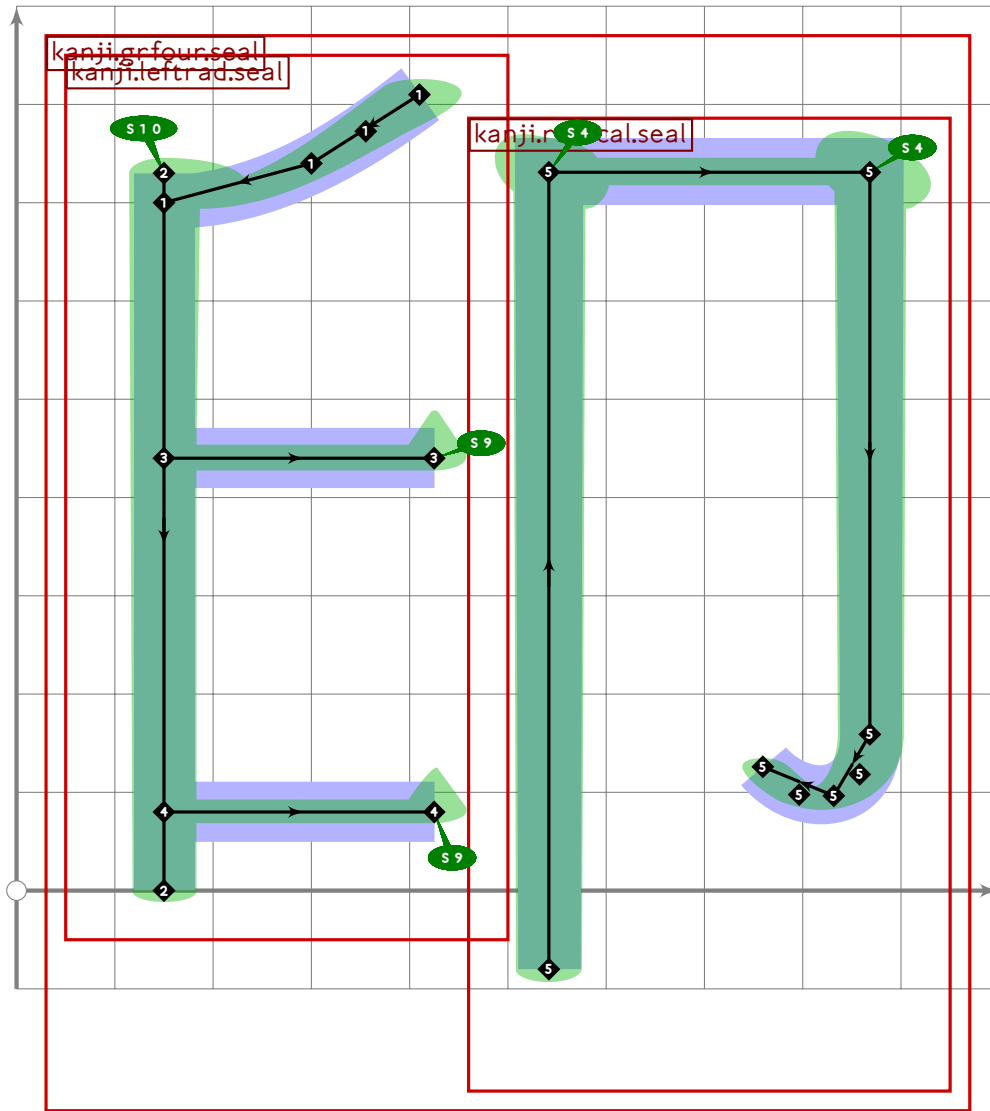
```



```

173
174 vardef kanji.grfour.professional =
175   push_pbox_toexpand("kanji.grfour.professional");
176   build_kanji.lr(340,60-20*mincho)
177     (kanji.grone.day;
178       replace_strokep(0)(oldp shifted (0,80)))
179     (kanji.rightrad.professional);
180   expand_pbox;
181 enddef;

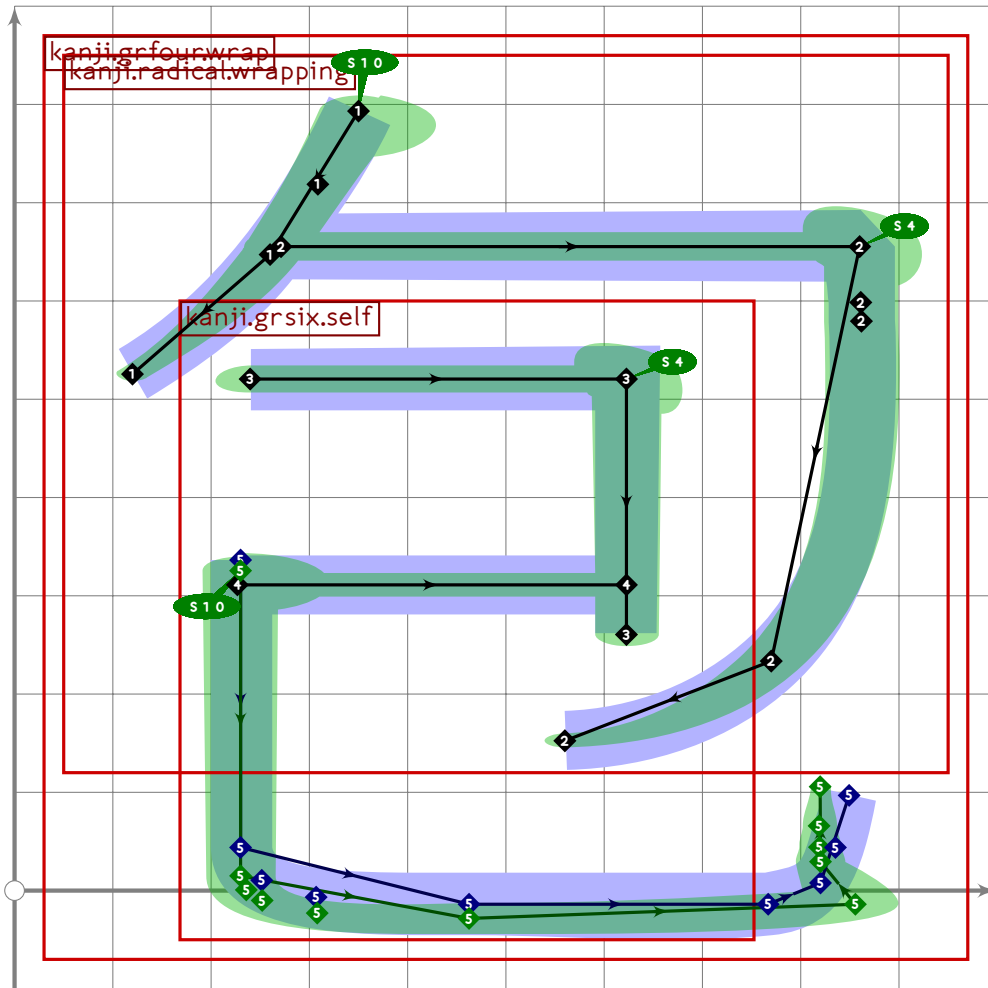
```



```

182
183 vardef kanji.grfour.seal =
184   push_pbox_toexpand("kanji.grfour.seal");
185   build_kanji.lr(480,40)
186     (kanji.leftrad.seal)
187     (build_kanji.scale(yscaled 1.1 shifted (0,-110))(kanji.radical.seal));
188   replace_strokep(0)(subpath (xpart (oldp intersectiontimes
189     ((0,-80)-(1000,-80))),infinity) of oldp);
190   expand_pbox;
191 enddef;

```



```

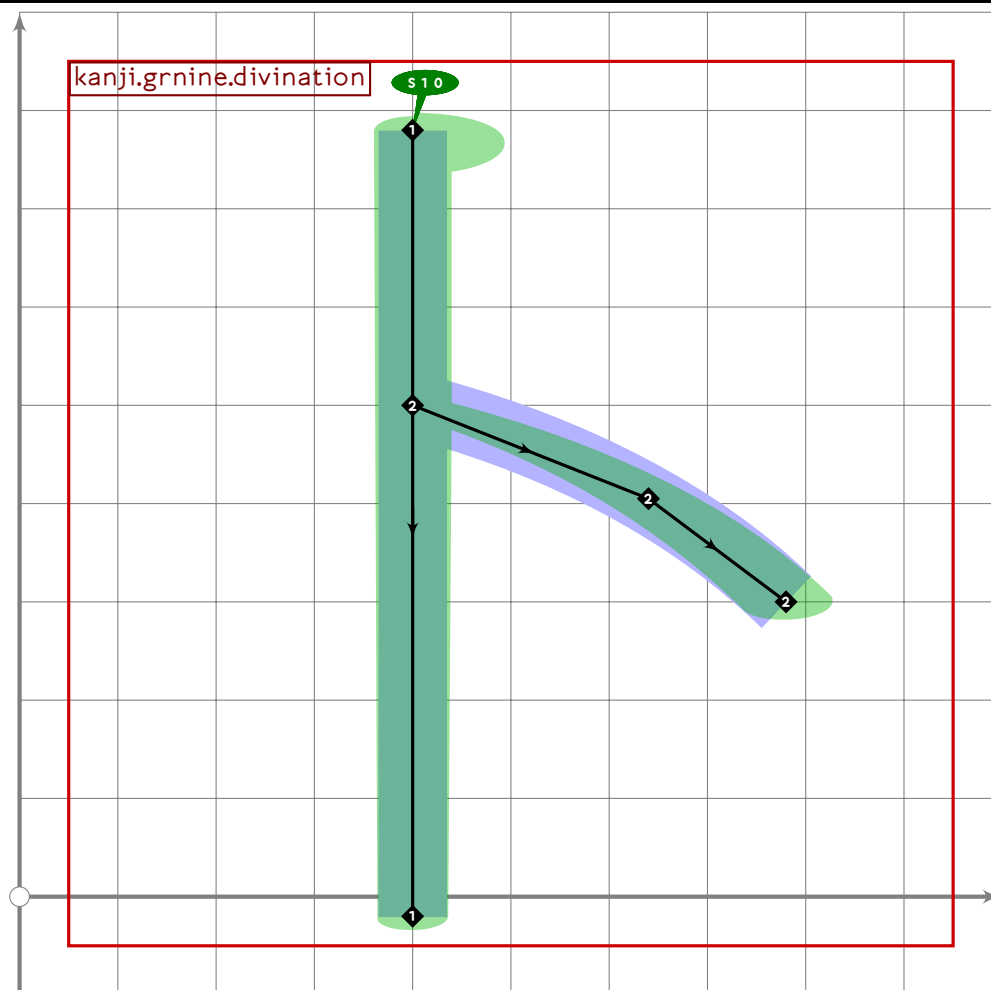
192
193 vardef kanji.grfour.wrap =
194   push_pbox_toexpand("kanji.grfour.wrap");
195   build_kanji.tb(360,480)
196   (kanji.radical.wrapping)
197   (save savep,selft;
198    path savep;
199    transform selft[];
200
201    (145,0) transformed selft1=(230,0);
202    (145,1000) transformed selft1=(230,1000);
203    (900,0) transformed selft1=(720,0);
204    (145,0) transformed selft2=(230,0);
205    (145,1000) transformed selft2=(230,1000);
206    (900,0) transformed selft2=(900,0);
207    tsu_xform(selft1)
208    (kanji.grsix.self;
209     savep=get_strokep(0);
210     replace_strokep(0)(savep transformed selft2));
211   expand_pbox;
212 enddef;

```



213

214



53

215

```

216 vardef kanji.grnine.divination =
217   push_pbox_toexpand("kanji.grnine.divination");
218   push_stroke((400,780)-(400,20),
219     (1.6,1.6)-(1.5,1.5));
220   set_boserif(0,0,10);
221   push_stroke((400,500)..tension 1.1..(640,405)..(780,300),
222     (1.3,1.3)-(1.6,1.6)-(1.8,1.8));
223   expand_pbox;
224 enddef;

```

225

226

227

```

228 % hou/tsutsu "wrap"
229 begint Suglyph("uni5305";5);
230   kanji.grfour.wrap;
231   tsu_render;
232 endtsuglyph;

```

233

[see page 1928]

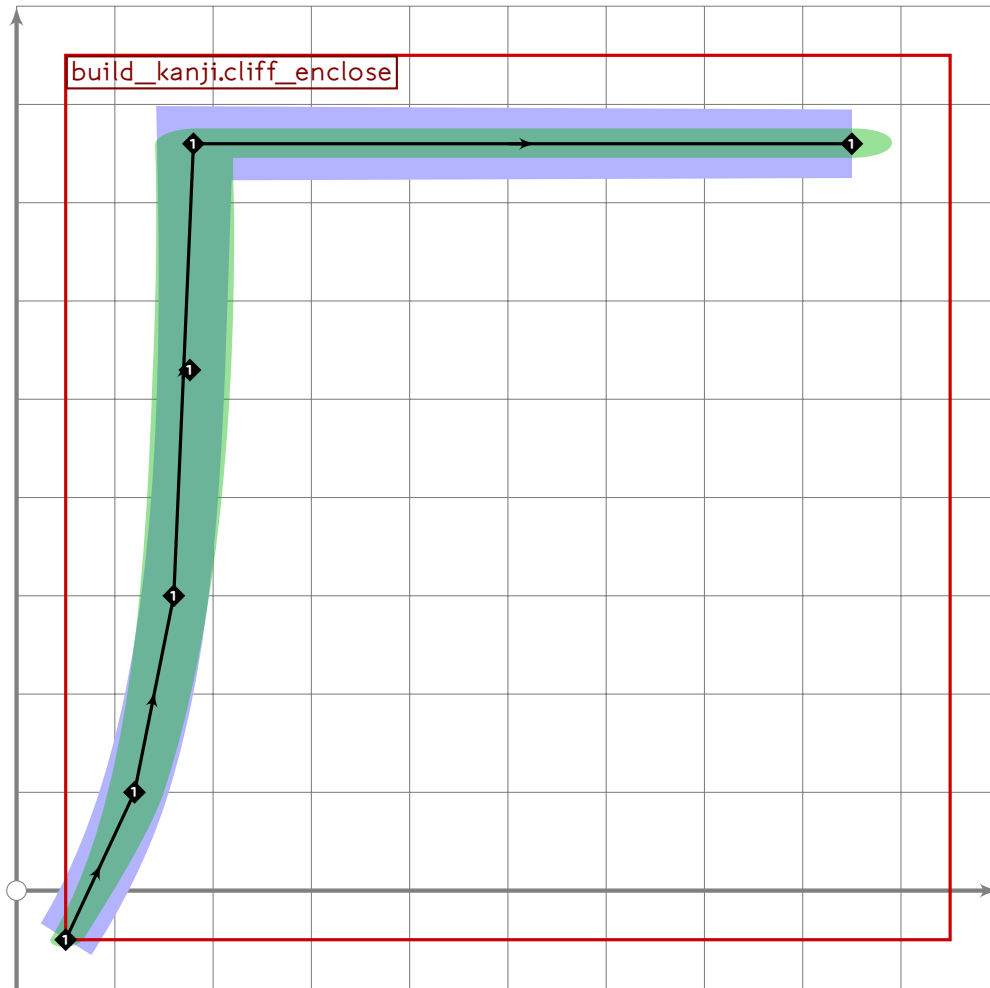
234 % by itself means "be flustered"  
 235 `begintsuglyph("uni5306",6);` [see page 686]  
 236 `kanji.radical.crossed__must__not;`  
 237 `tsu__render;`  
 238 `endtsuglyph;`  
 239  
 240 % hi/saji "spoon"  
 241 `begintsuglyph("uni5315",21);` [see page 706]  
 242 `kanji.radical.spoon;`  
 243 `tsu__render;`  
 244 `endtsuglyph;`  
 245  
 246 % ka/ba "change"  
 247 `begintsuglyph("uni5316",22);` [see page 561]  
 248 `kanji.grthree.change;`  
 249 `tsu__render;`  
 250 `endtsuglyph;`  
 251  
 252 % hoku/kita "north"  
 253 `begintsuglyph("uni5317",23);` [see page 1916]  
 254 `kanji.grtwo.north;`  
 255 `tsu__render;`  
 256 `endtsuglyph;`  
 257  
 258 % hou/hakogamae "box on side radical"  
 259 `begintsuglyph("uni531A",26);` [see page 683]  
 260 `kanji.radical.box_on_side;`  
 261 `tsu__render;`  
 262 `endtsuglyph;`  
 263  
 264 % kyou/suku "deliverance"  
 265 `begintsuglyph("uni5321",33);` [see page 777]  
 266 `kanji.grnine.deliverance;`  
 267 `tsu__render;`  
 268 `endtsuglyph;`  
 269  
 270 % ku "ward" (as in postal addresses)  
 271 `begintsuglyph("uni533A",58);` [see page 1922]  
 272 `kanji.grthree.ward;`  
 273 `tsu__render;`  
 274 `endtsuglyph;`  
 275  
 276 % i "doctor"  
 277 `begintsuglyph("uni533B",59);` [see page 1919]  
 278 `kanji.grthree.doctor;`  
 279 `tsu__render;`  
 280 `endtsuglyph;`  
 281

282 % juu/too "ten"	
283 begintsuglyph("uni5341",65);	[see page 470]
284 kanji.grone.ten;	
285 tsu_render;	
286 endtsuglyph;	
287	
288 % sen "one thousand"	
289 begintsuglyph("uni5343",67);	[see page 453]
290 kanji.grone.one_thousand;	
291 tsu_render;	
292 endtsuglyph;	
293	
294 % han/naka "half"	
295 begintsuglyph("uni534A",74);	[see page 500]
296 kanji.grtwo.half;	
297 tsu_render;	
298 endtsuglyph;	
299	
300 % go/uma "noon"	
301 begintsuglyph("uni5348",72);	[see page 529]
302 kanji.grtwo.noon;	
303 tsu_render;	
304 endtsuglyph;	
305	
306 % sotsu/so- "graduate"	
307 begintsuglyph("uni5352",82);	[see page 1924]
308 kanji.grfour.graduate;	
309 tsu_render;	
310 endtsuglyph;	
311	
312 % kyou "cooperation"	
313 begintsuglyph("uni5354",84);	[see page 1923]
314 kanji.grfour.cooperation;	
315 tsu_render;	
316 endtsuglyph;	
317	
318 % nan/minami "south"	
319 begintsuglyph("uni5357",87);	[see page 1917]
320 kanji.grtwo.south;	
321 tsu_render;	
322 endtsuglyph;	
323	
324 % tan/hitoe "single"	
325 begintsuglyph("uni5358",88);	[see page 631]
326 kanji.grfour.single;	
327 tsu_render;	
328 endtsuglyph;	
329	

```

330 % haku "professional"
331 begintsuglyph("uni535A";90); [see page 1926]
332 kanji.grfour.professional;
333 tsu_render;
334 endtsuglyph;
335
336 % boku/urana "divination"
337 begintsuglyph("uni535C";92); [see page 1929]
338 kanji.grnine.divination;
339 tsu_render;
340 endtsuglyph;
341
342 % sen/urana "divination"
343 begintsuglyph("uni5360";96); [see page 736]
344 kanji.greight.divination;
345 tsu_render;
346 endtsuglyph;
347
348 % setsu/warifu "seal radical"
349 begintsuglyph("uni5369";105); [see page 704]
350 kanji.radical.seal;
351 tsu_render;
352 endtsuglyph;
353
354 % in/shiroshi "seal"
355 begintsuglyph("uni5370";112); [see page 1927]
356 kanji.grfour.seal;
357 tsu_render;
358 endtsuglyph;
359
360 % soku/tsu "instant"
361 begintsuglyph("uni5373";115); [see page 747]
362 kanji.greight.instant;
363 tsu_render;
364 endtsuglyph;
365

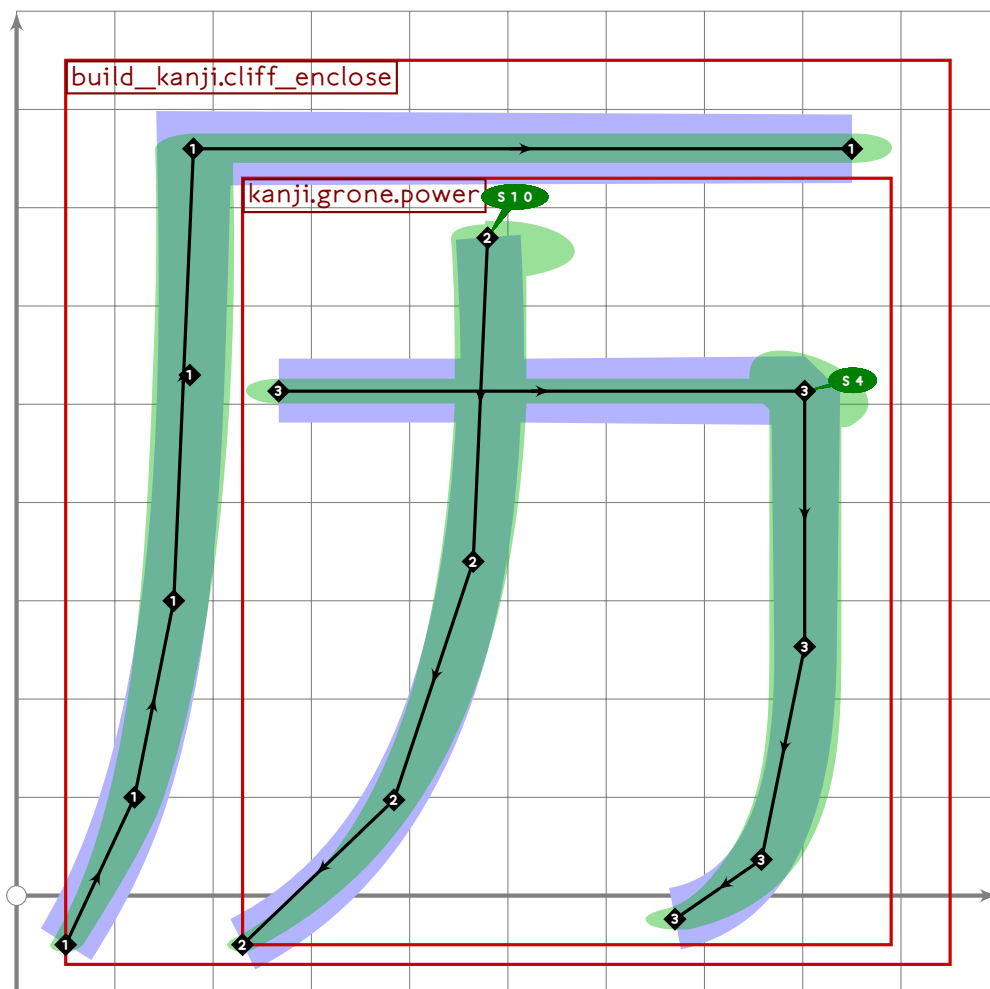
```



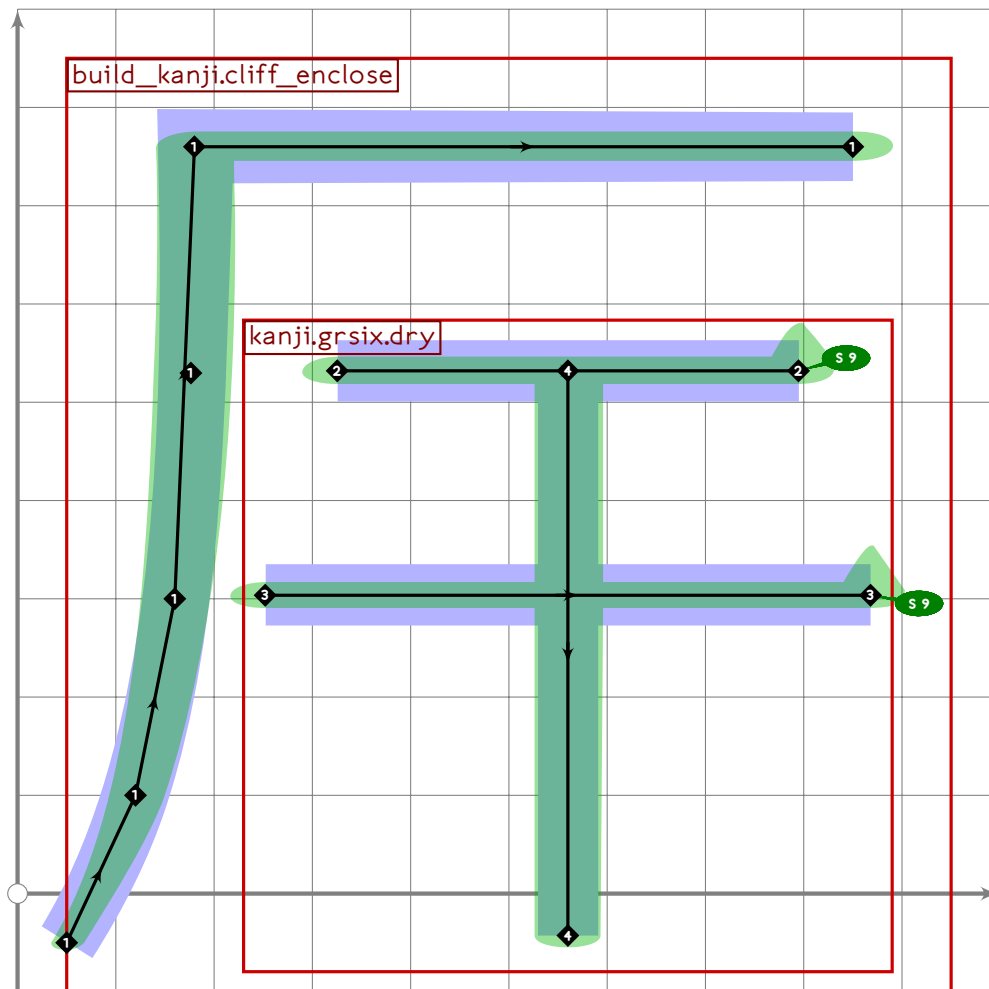
```
366 % karigane "cliff radical"  
367 begintsuglyph("uni5382",130);  
368   build_kanji.cliff_enclose();  
369   tsu_render;  
370 endtsuglyph;  
371
```

U+5386  
tsuku.uni5386

53



```
372 % extra
373 begintsuglyph("uni5386",134);
374   build_kanji.cliff_enclose(kanji.grone.power);
375   tsu_render;
376 endsuglyph;
377
```



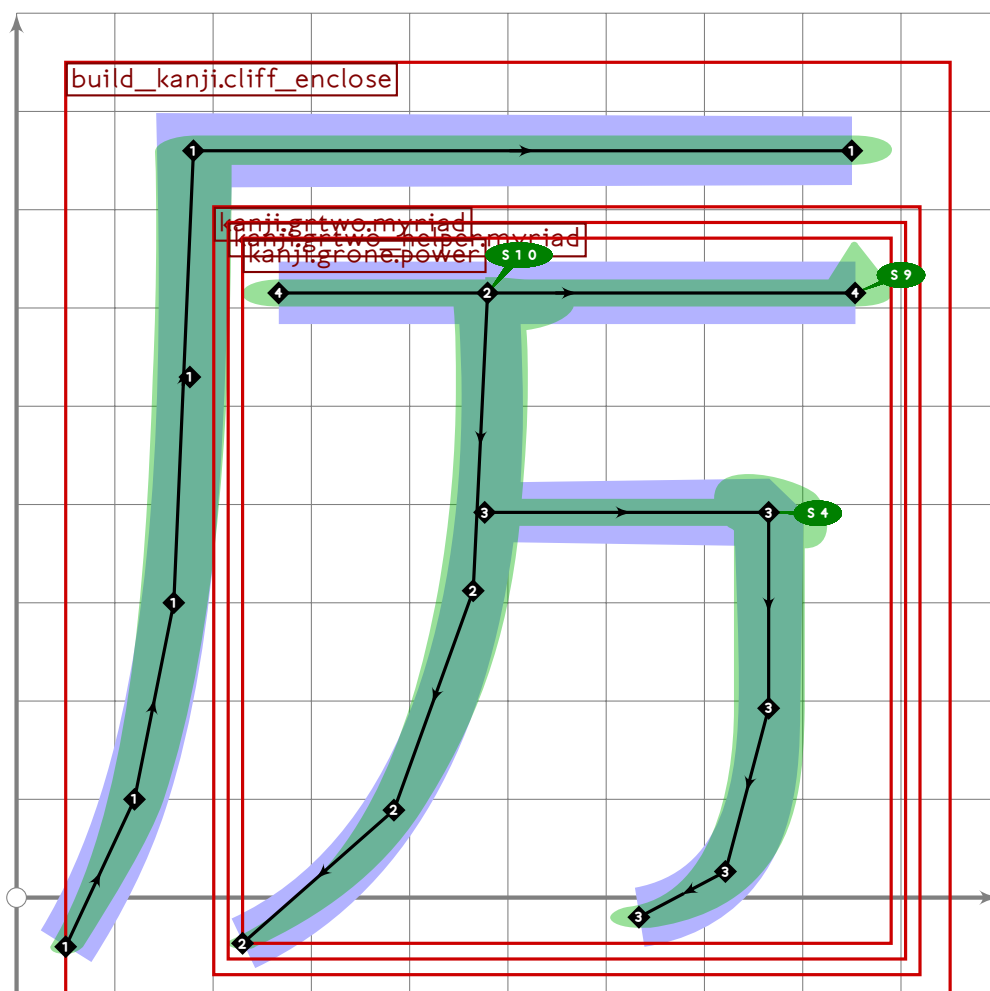
```

378 % extra
379 begintsuglyph("uni5388",136);
380   build_kanji.cliff_enclose(build_kanji.sscale(yscaled 0.85 shifted (0,-100))
381     (kanji.grsix.dry));
382   tsu_render;
383 endtsuglyph;
384

```

U+5389  
tsuku.uni5389

53

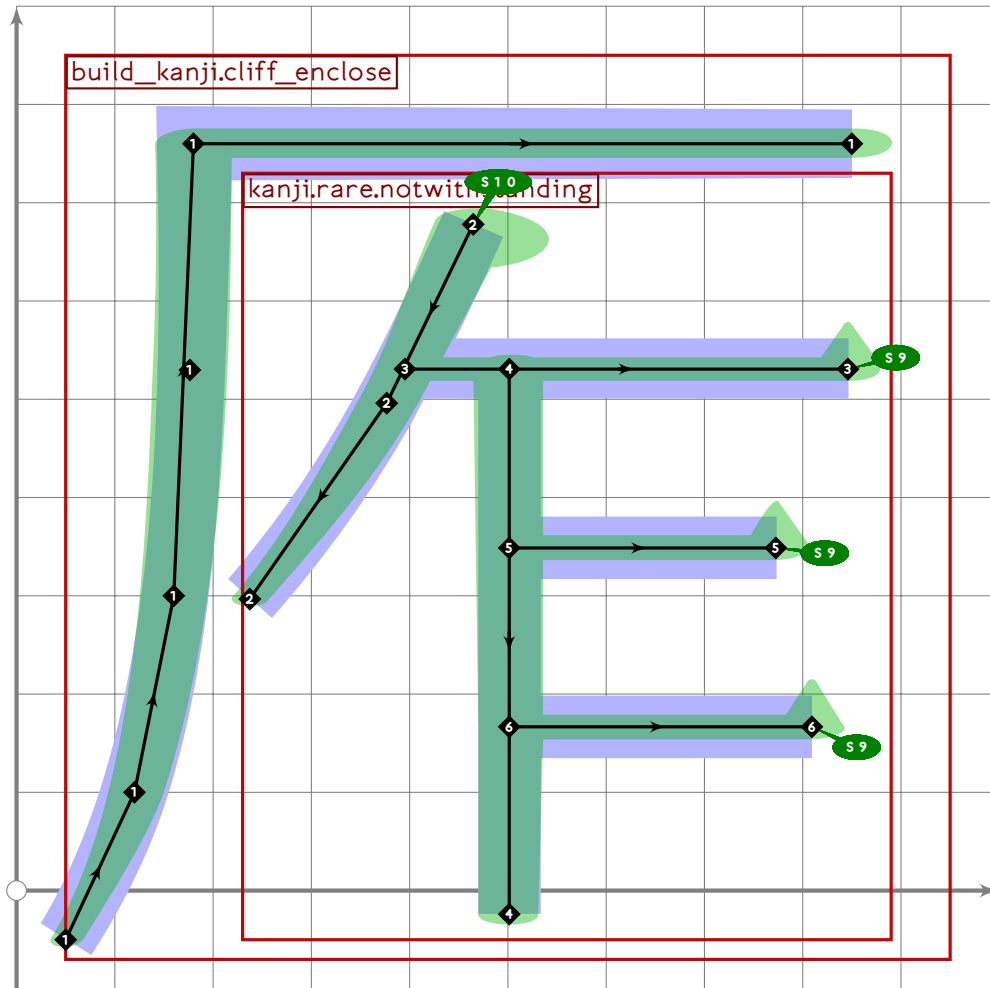


```

385 % extra
386 begintsuglyph("uni5389",137);
387   build_kanji.cliff_enclose(tsu_xform(identity yscaled 0.92)
388     (kanji.grtwo.myriad));
389   tsu_render;
390 endtsuglyph;
391

```

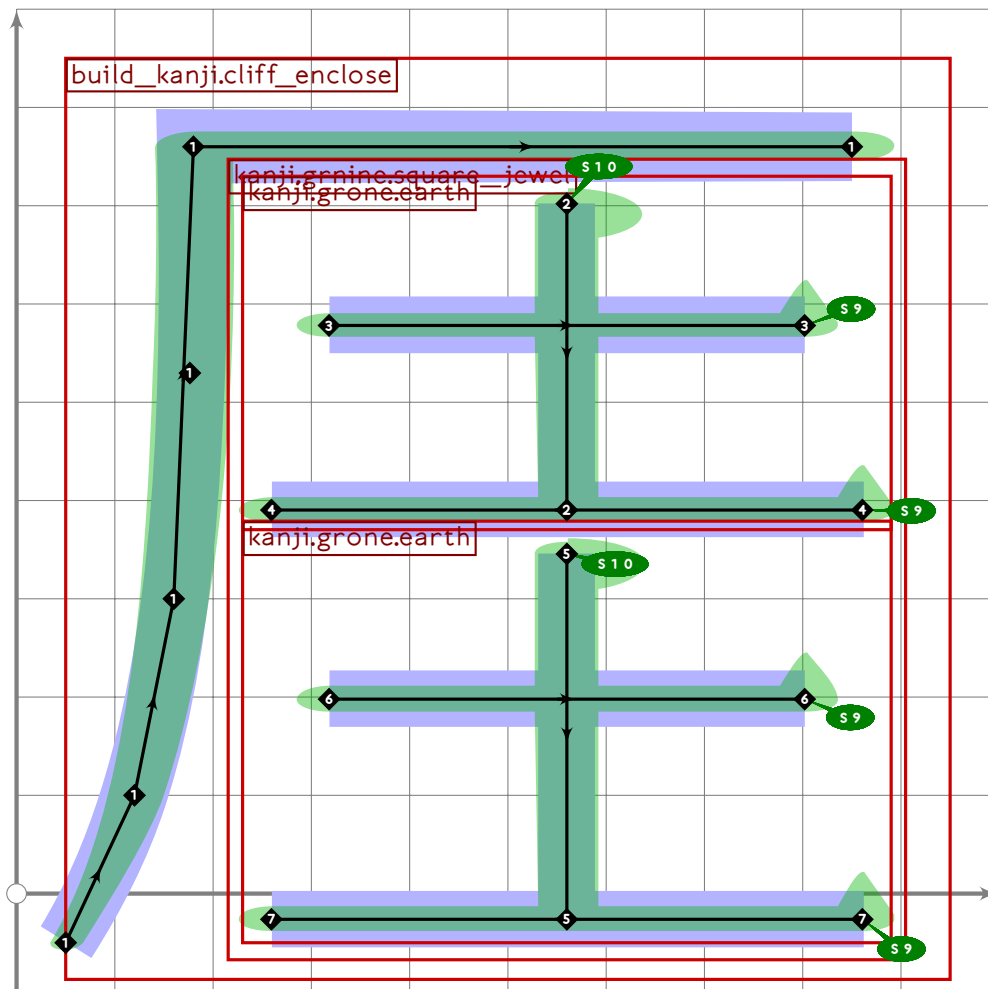




```

392 % extra
393 begintsuglyph("uni538F";143);
394   build_kanji.cliff_enclose(kanji.rare.notwithstanding);
395   tsu_render;
396 endsuglyph;
397

```



```

398 % extra
399 begintsuglyph("uni5393";147);
400   build_kanji.cliff_enclose(kanji.grnine.square_jewel);
401   tsu_render;
402 endtsuglyph;
403
404 % gen/hara "field"
405 begintsuglyph("uni539F";159);
406   kanji.grtwo.field;
407   tsu_render;
408 endtsuglyph;
409
410 % "mu radical"
411 begintsuglyph("uni53B6";182);
412   kanji.radical.mu;
413   tsu_render;
414 endtsuglyph;
415
416 % kyo/sa "go away"
417 begintsuglyph("uni53BB";187);
418   kanji.grthree.go_away;

```

[see page 501]

[see page 695]

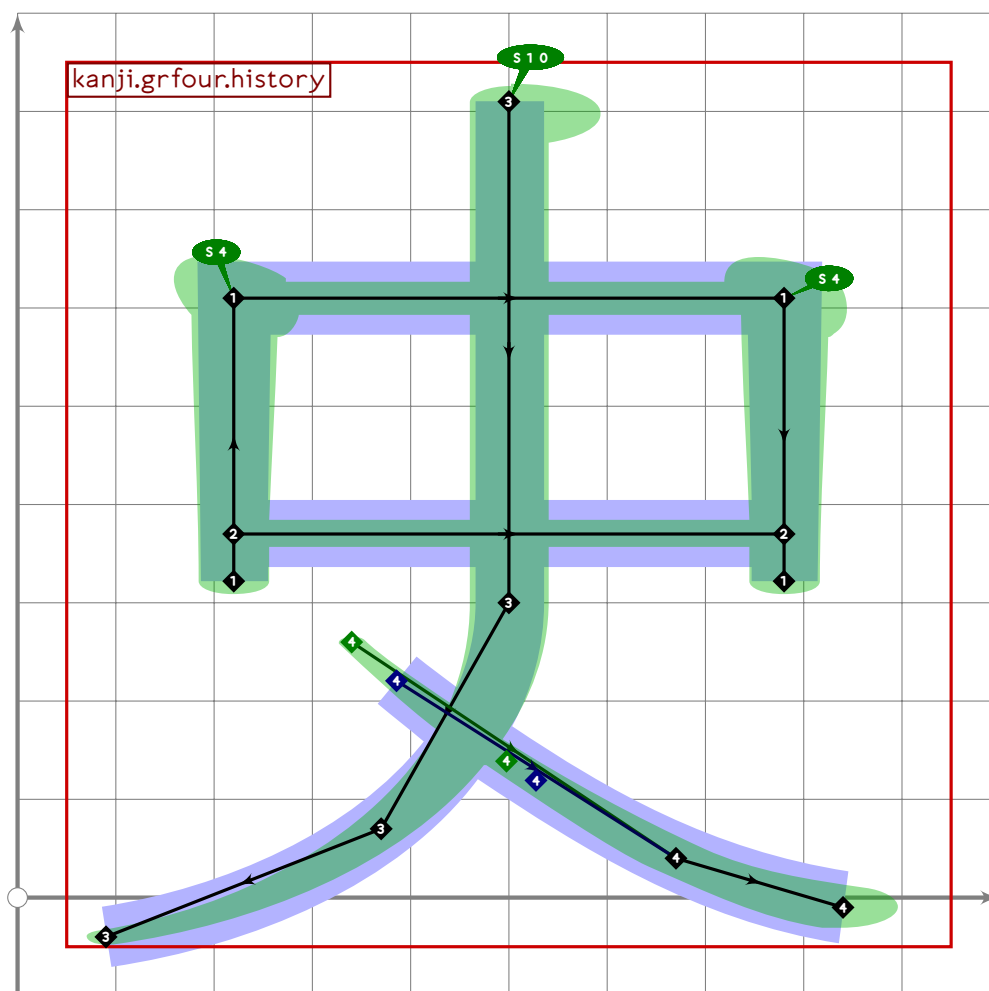
[see page 572]

419 tsu\_render;  
 420 endtsuglyph;  
 421  
 422 % san/mai multiple meanings including "participate"  
 423 begintsuglyph("uni53C2";194); [see page 1925]  
 424 kanji.grfour.participate;  
 425 tsu\_render;  
 426 endtsuglyph;  
 427  
 428 % yuu/mata "on the other hand"  
 429 begintsuglyph("uni53C8";200); [see page 754]  
 430 kanji.greight.otoh;  
 431 tsu\_render;  
 432 endtsuglyph;  
 433  
 434 % kyuu/oyo "reach"  
 435 begintsuglyph("uni53CA";202); [see page 759]  
 436 kanji.greight.reach;  
 437 tsu\_render;  
 438 endtsuglyph;  
 439  
 440 % yuu/tomo "friend"  
 441 begintsuglyph("uni53CB";203); [see page 503]  
 442 kanji.grtwo.friend;  
 443 tsu\_render;  
 444 endtsuglyph;  
 445  
 446 % han/so "anti"  
 447 begintsuglyph("uni53CD";205); [see page 556]  
 448 kanji.grthree.anti;  
 449 tsu\_render;  
 450 endtsuglyph;  
 451  
 452 % shu/tori "take"  
 453 begintsuglyph("uni53D6";214); [see page 1921]  
 454 kanji.grthree.take;  
 455 tsu\_render;  
 456 endtsuglyph;  
 457  
 458 % shu/u "accept"  
 459 begintsuglyph("uni53D7";215); [see page 1918]  
 460 kanji.grthree.accept;  
 461 tsu\_render;  
 462 endtsuglyph;  
 463  
 464 % kou/kuchi "mouth"  
 465 begintsuglyph("uni53E3";227); [see page 448]  
 466 kanji.grone.mouth;

```

467   tsu_render;
468 endtsuglyph;
469
470 % ko/furo "old"
471 begintsuglyph("uni53E4";228); [see page 532]
472   kanji.grtwo.old;
473   tsu_render;
474 endtsuglyph;
475
476 % ku "phrase"
477 begintsuglyph("uni53E5";229); [see page 643]
478   kanji.grfive.phrase;
479   tsu_render;
480 endtsuglyph;
481
482 % kou/tata "smash"
483 begintsuglyph("uni53E9";233); [see page 838]
484   kanji.rare.smash;
485   tsu_render;
486 endtsuglyph;
487
488 % tada "only"
489 begintsuglyph("uni53EA";234); [see page 785]
490   kanji.grnine.only;
491   tsu_render;
492 endtsuglyph;
493
494 % shou/me "call"
495 begintsuglyph("uni53EC";236); [see page 730]
496   kanji.greight.call;
497   tsu_render;
498 endtsuglyph;
499
500 % ka/be "passable"
501 begintsuglyph("uni53EF";239); [see page 642]
502   kanji.grfive.passable;
503   tsu_render;
504 endtsuglyph;
505
506 % tai/utana "pedestal"
507 begintsuglyph("uni53F0";240); [see page 534]
508   kanji.grtwo.pedestal;
509   tsu_render;
510 endtsuglyph;
511

```



```

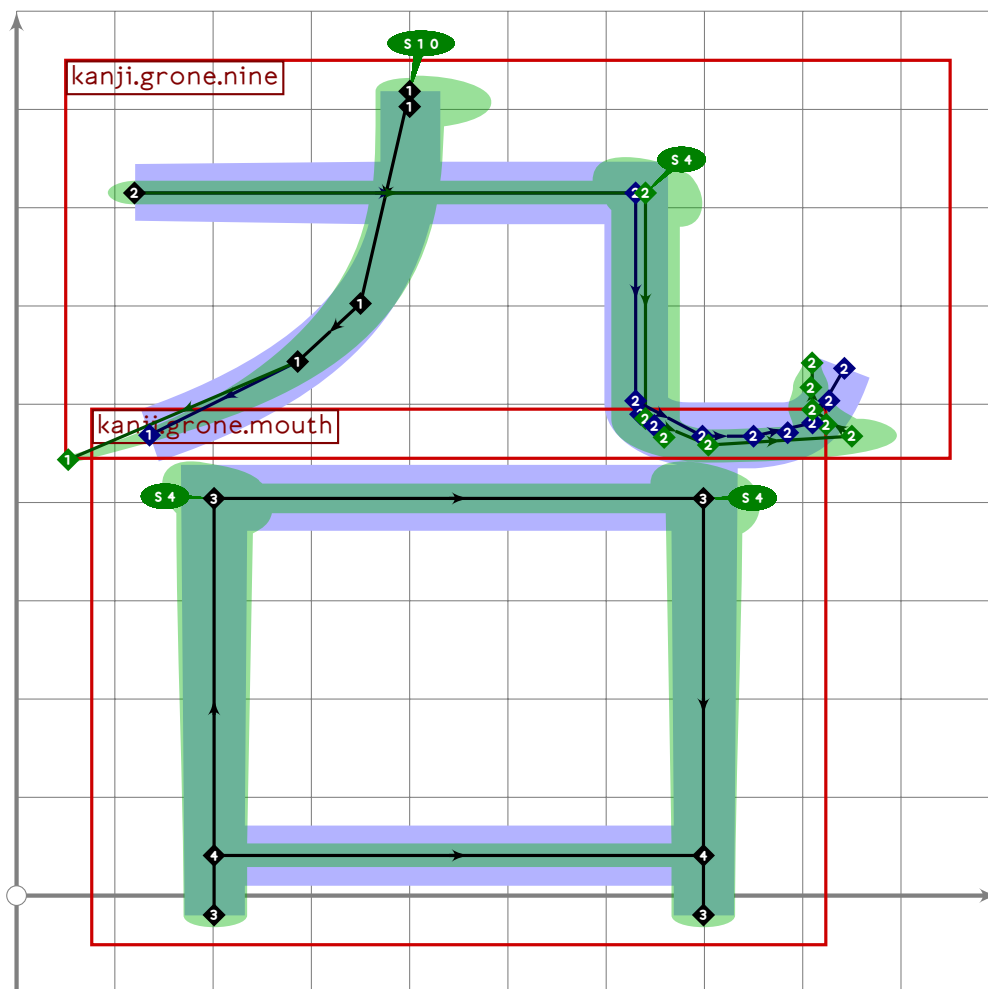
512 % shi "history"
513 begintsuglyph("uni53F2";242);
514   kanji.grfour.history;
515   tsu_render;
516 endtsuglyph;
517
518 % migi "right"
519 begintsuglyph("uni53F3";243);
520   kanji.grone.right;
521   tsu_render;
522 endtsuglyph;
523

```

[see page 460]

U+53F4  
tsuku.uni53F4

53



```

524 % extra
525 begintsuglyph("uni53F4";244);
526   build_kanji.tb(470,50)
527     (kanji.grone.nine)
528     (build_kanji.sscale(xscaled 0.83 shifted (-50,0))
529       (kanji.grone.mouth));
530   tsu_render;
531 endtsuglyph;
532
533 % gou/sake "number"
534 begintsuglyph("uni53F7";247);
535   kanji.grthree.number;
536   tsu_render;
537 endtsuglyph;
538
539 % shi/tsukasado "director" or "official (person)"
540 begintsuglyph("uni53F8";248);
541   kanji.grfour.director;
542   tsu_render;
543 endtsuglyph;
544
```

[see page 1920]

[see page 609]

```
545 

---


546
547 endfont;
548
549 

---


```

```
1 %
2 % Unicode page 54 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

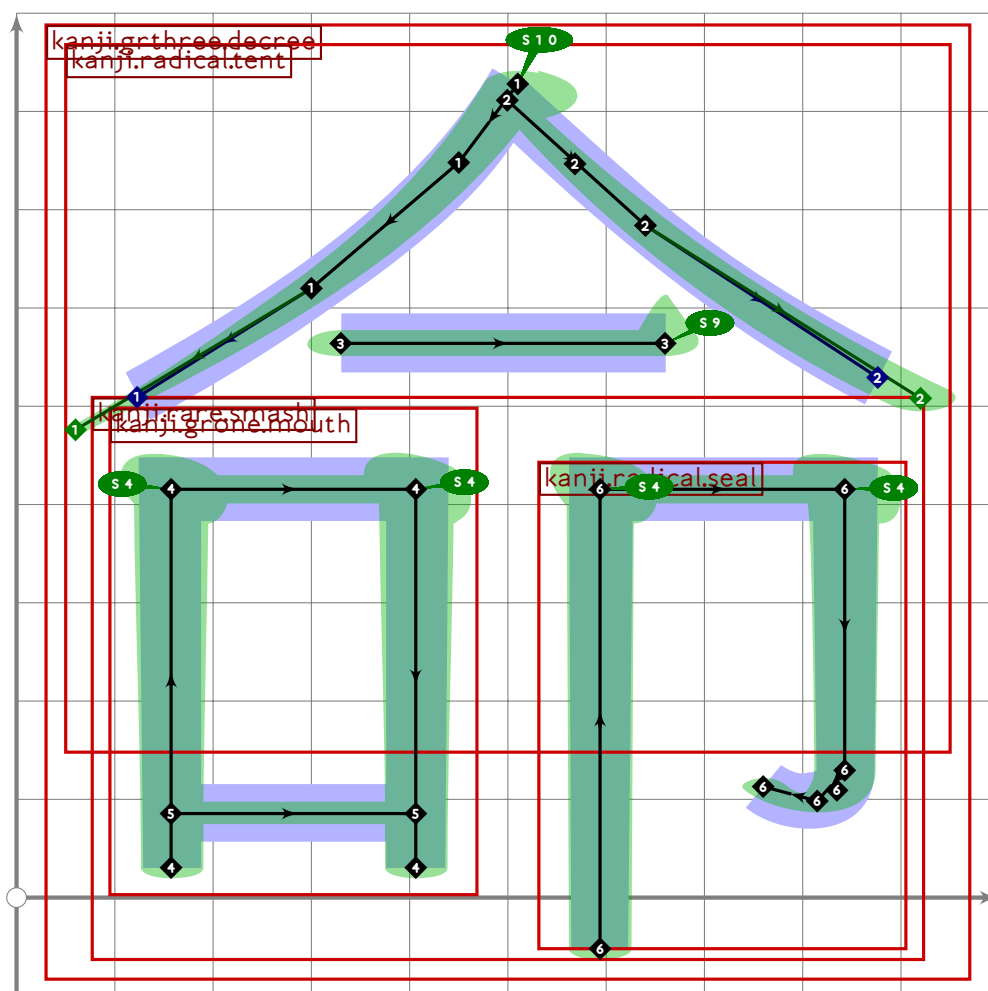
---


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

---


```

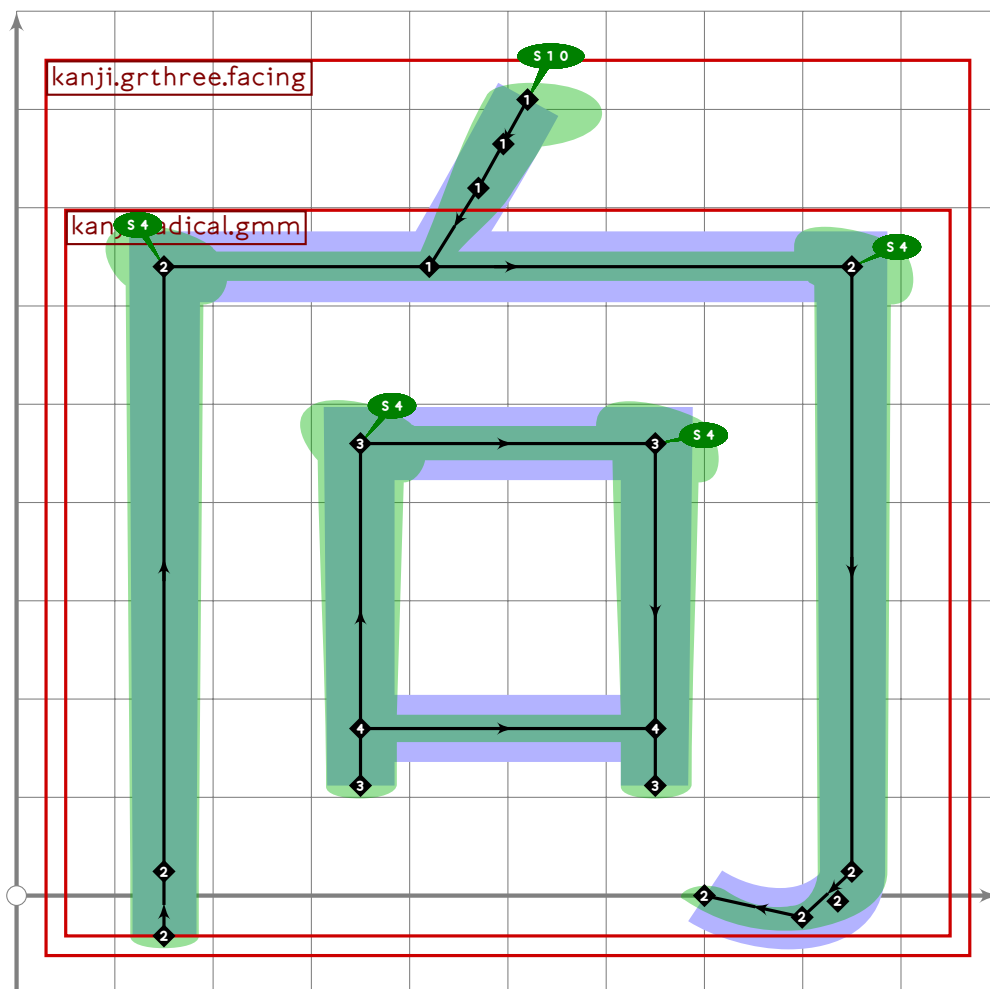




```

53
54 vardef kanji.grthree.decree =
55   push_pbox_toexpand("kanji.grthree.decree");
56   build_kanji.level(
57     build_kanji.sscale(xyscaled (1,0.8) shifted (0,110))
58     (kanji.radical.tent);
59     build_kanji.sscale(xyscaled (0.9,0.55) shifted (0,-200))
60     (kanji.rare.smash);
61   );
62   expand_pbox;
63 enddef;

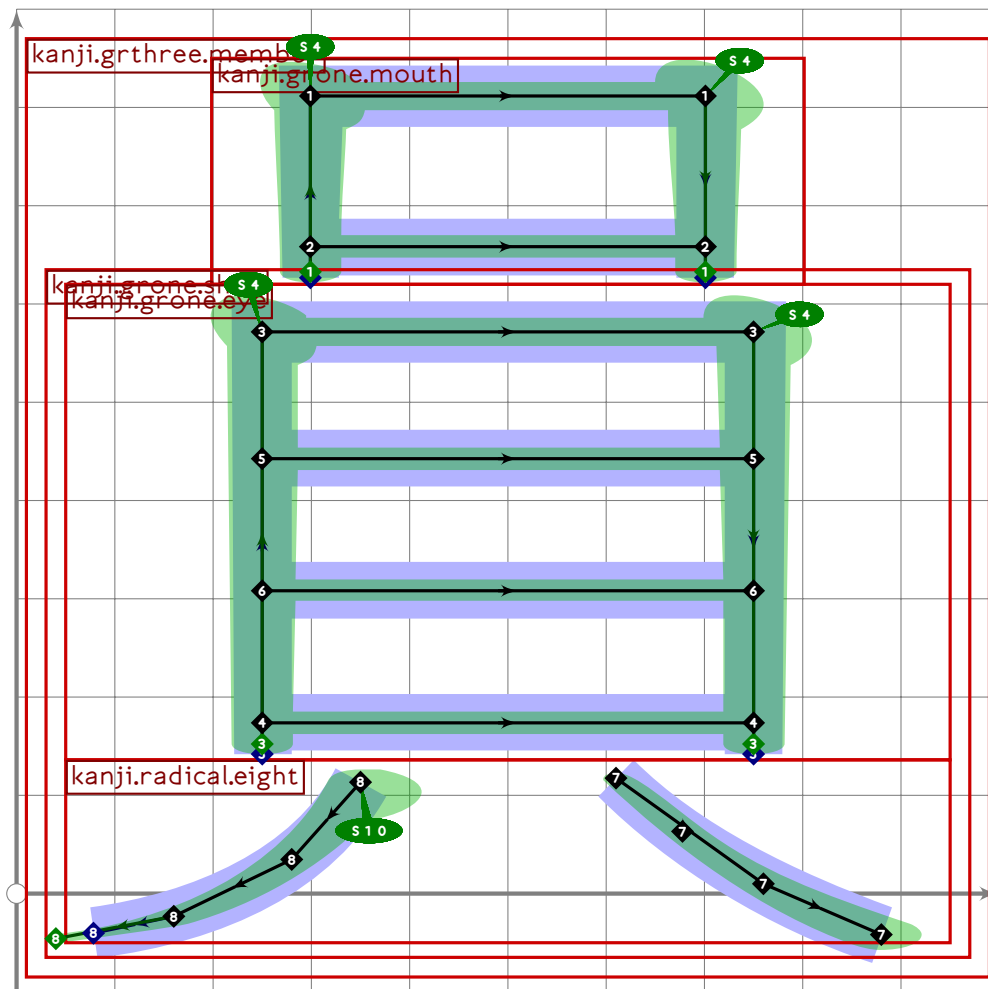
```



```

64
65 vardef kanji.grthree.facing =
66   push_pbox_toexpand("kanji.grthree.facing");
67   push_stroke((520,810)..tension 1.2..(470,720)..(420,640),
68     (1,7,1,7)-(1,5,1,5)-(1,1));
69   set_boserif(0,0,10);
70   tsu_xform(identity yscaled (640/780))(kanji.radical.gmm);
71   build_kanji.box((350,460),(650,170));
72   expand_pbox;
73 enddef;

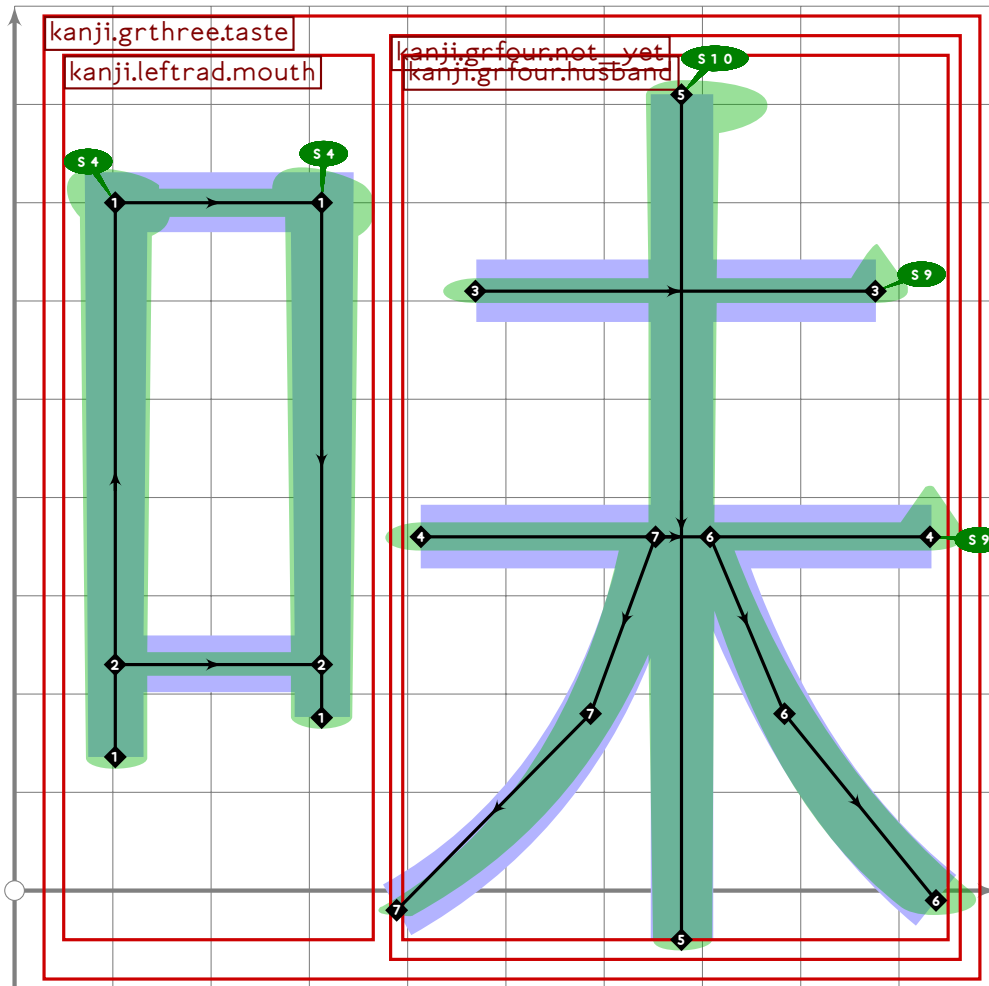
```



```

74
75 vardef kanji.grthree.member =
76   push_pbox_toexpand("kanji.grthree.member");
77   build_kanji.level(build_kanji.tb(620,0)
78     (build_kanji.sscale(xscaled 0.67)(kanji.grone.mouth))
79     (kanji.grone.shell));
80   expand_pbox;
81 enddef;

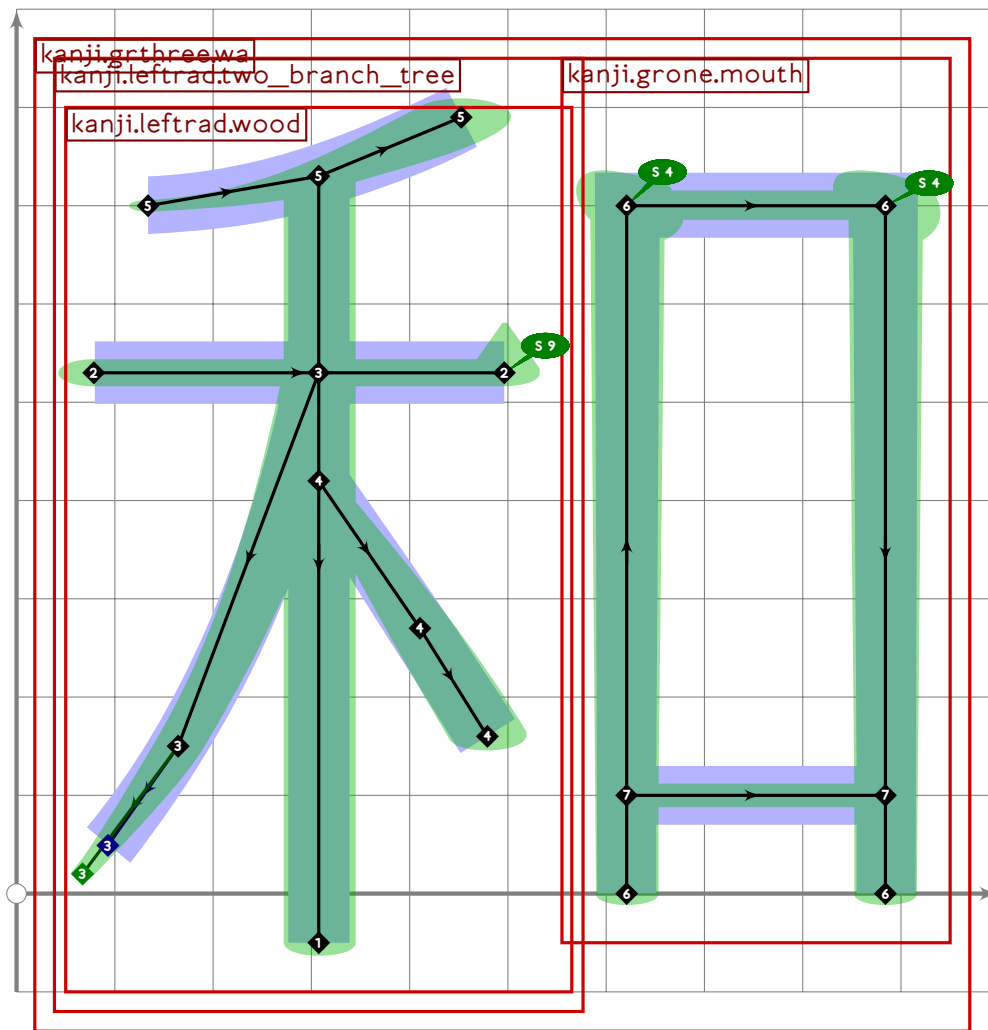
```



```

82
83 vardef kanji.grthree.taste =
84   push_pbox_toexpand("kanji.grthree.taste");
85   build_kanji.lr(380,-30)
86     (kanji.leftrad.mouth)
87     (kanji.grfour.not_yet);
88   expand_pbox;
89 enddef;

```



```

90
91 vardef kanji.grthree.wa =
92   push_pbox_toexpand("kanji.grthree.wa");
93   build_kanji.lr(560;10)
94     (kanji.leftrad.two_branch_tree)
95     (kanji.grone.mouth);
96   expand_pbox;
97 enddef;
98
99
100
101 % kaku/onoono "every"
102 begintsuglyph("uni5404";4);
103   kanji.grfour.every;
104   tsu_render;
105 endtsuglyph;
106
107 % gou/a "meet"
108 begintsuglyph("uni5408";8);
109   kanji.grtwo.join;

```

[see page 612]

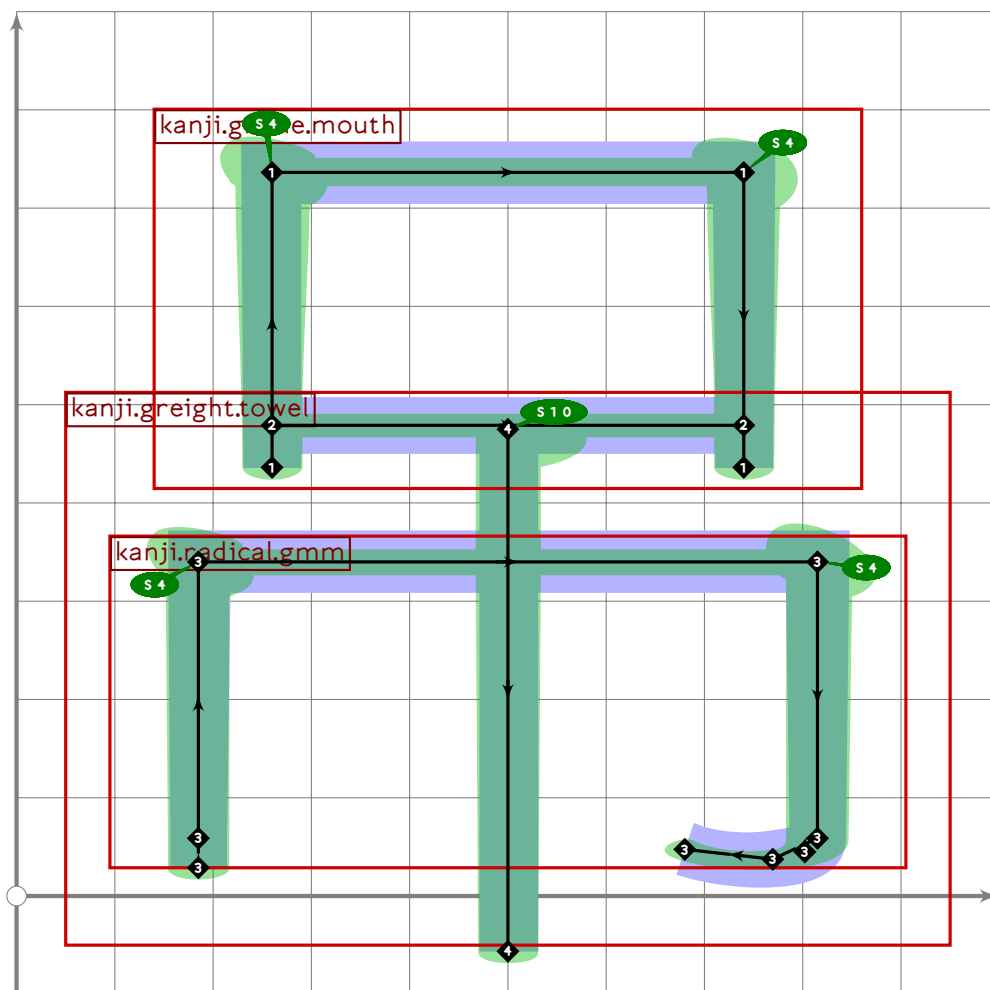
[see page 514]

U+540A  
tsuku.uni540A

```
110 tsu_render;  
111 endtsuglyph;  
112  
113 % kichi/yoshi "good luck"  
114 begintsuglyph("uni5409",9);  
115 kanji.greight.good_luck;  
116 tsu_render;  
117 endtsuglyph;  
118
```

[see page 742]

54



```
119 % extra chou/tsu "hanging"  
120 begintsuglyph("uni540A",10);  
121 build_kanji.level(build_kanji.tb(440,145)  
122 (build_kanji.sscale(scaled 0.8)(kanji.grone.mouth))  
123 (kanji.greight.towel));  
124 tsu_render;  
125 endtsuglyph;  
126  
127 % dou/onaji "the same"  
128 begintsuglyph("uni540C",12);  
129 kanji.grtwo.same;  
130 tsu_render;
```

[see page 539]

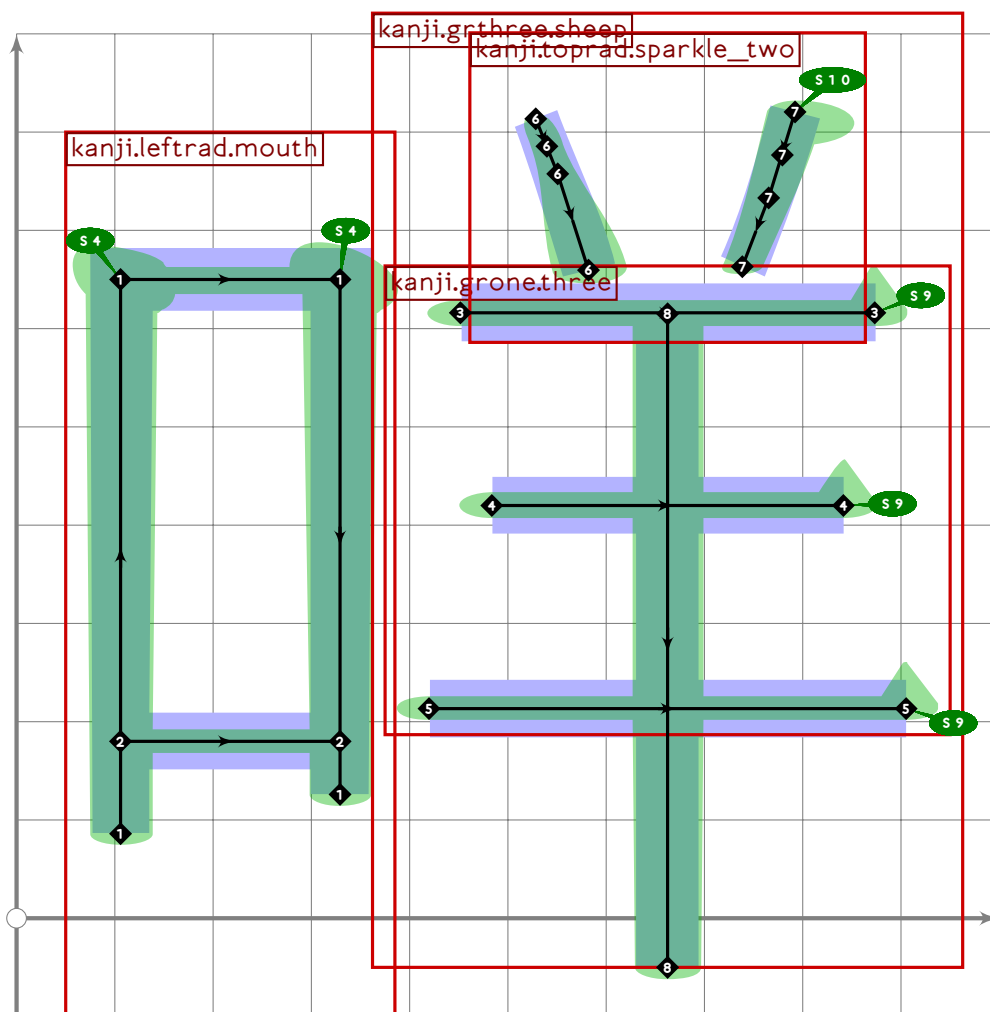
131 endtsuglyph;  
 132  
 133 % na "name"  
 134 begintsuglyph("uni540D";13); [see page 449]  
 135 kanji.grone.name;  
 136 tsu\_render;  
 137 endtsuglyph;  
 138  
 139 % ri "officer"  
 140 begintsuglyph("uni540F";15); [see page 753]  
 141 kanji.greight.officer;  
 142 tsu\_render;  
 143 endtsuglyph;  
 144  
 145 % kou/mu "facing"  
 146 begintsuglyph("uni5411";17); [see page 1946]  
 147 kanji.grthree.facing;  
 148 tsu\_render;  
 149 endtsuglyph;  
 150  
 151 % kun/kimi "pronoun or honorific for a subordinate"  
 152 begintsuglyph("uni541B";27); [see page 578]  
 153 kanji.grthree.junior;  
 154 tsu\_render;  
 155 endtsuglyph;  
 156  
 157 % hi/ina "negation" or "the noes"  
 158 begintsuglyph("uni5426";38); [see page 658]  
 159 kanji.grsix.noes;  
 160 tsu\_render;  
 161 endtsuglyph;  
 162  
 163 % go/ware "my, mine"  
 164 begintsuglyph("uni543E";62); [see page 783]  
 165 kanji.grnine.my;  
 166 tsu\_render;  
 167 endtsuglyph;  
 168  
 169 % ryo "spine"  
 170 begintsuglyph("uni5442";66); [see page 763]  
 171 kanji.greight.spine;  
 172 tsu\_render;  
 173 endtsuglyph;  
 174  
 175 % bou/boke "befuddled" (funny man in a Kansai comedy duo)  
 176 begintsuglyph("uni5446";70); [see page 801]  
 177 kanji.rare.befuddled;  
 178 tsu\_render;

```

179 endtsuglyph;
180
181 % koku "revelation"
182 begintsuglyph("uni544A";74); [see page 630]
183   kanji.grfour.revelation;
184   tsu_render;
185 endtsuglyph;
186
187 % ton/no "drink" (rare form used as part of other things)
188 begintsuglyph("uni5451";81); [see page 815]
189   kanji.rare.drink;
190   tsu_render;
191 endtsuglyph;
192
193 % shuu/mawa "circuit"
194 begintsuglyph("uni5468";104); [see page 606]
195   kanji.grfour.circuit;
196   tsu_render;
197 endtsuglyph;
198
199 % mi/aji "taste"
200 begintsuglyph("uni5473";115); [see page 1948]
201   kanji.grthree.taste;
202   tsu_render;
203 endtsuglyph;
204
205 % mei/inochi "decree"
206 begintsuglyph("uni547D";125); [see page 1945]
207   kanji.grthree.decree;
208   tsu_render;
209 endtsuglyph;
210
211 % wa/yawa "wa" (supposedly-untranslatable term equated with Japanese spirit)
212 begintsuglyph("uni548C";140); [see page 1949]
213   kanji.grthree.wa;
214   tsu_render;
215 endtsuglyph;
216
217 % gaku/odoroku "outspokenly"
218 begintsuglyph("uni54A2";162); [see page 834]
219   kanji.rare.outspokenly;
220   tsu_render;
221 endtsuglyph;
222

```





```

223 % rare character in the name of Shirayama Hime shrine
224 begintsuglyph("uni54A9",169);
225   build_kanji.lr(380,10)
226     (build_kanji.sscale(shifted (0,-50))(kanji.leftrad.mouth))
227     (kanji.grthree.sheep);
228   tsu_render;
229 endtsuglyph;
230
231 % needed for "feeling"
232 begintsuglyph("uni54B8",184);
233   kanji.rare.the_same;
234   tsu_render;
235 endtsuglyph;
236
237 % hin.shina "goods"
238 begintsuglyph("uni54C1",193);
239   kanji.grthree.goods;
240   tsu_render;
241 endtsuglyph;
242
243 % in "member"

```

[see page 841]

[see page 573]

244 begintsuglyph("uni54E1";225);

[see page 1947]

245 kanji.grthree.member;

246 tsu\_render;

247 endtsuglyph;

248

249 % ka/uta "big brother" (needed for ka/uta "song")

250 begintsuglyph("uni54E5";229);

[see page 802]

251 kanji.rare.big\_brother;

252 tsu\_render;

253 endtsuglyph;

254

255

---

256

257 endfont;

258

259

---

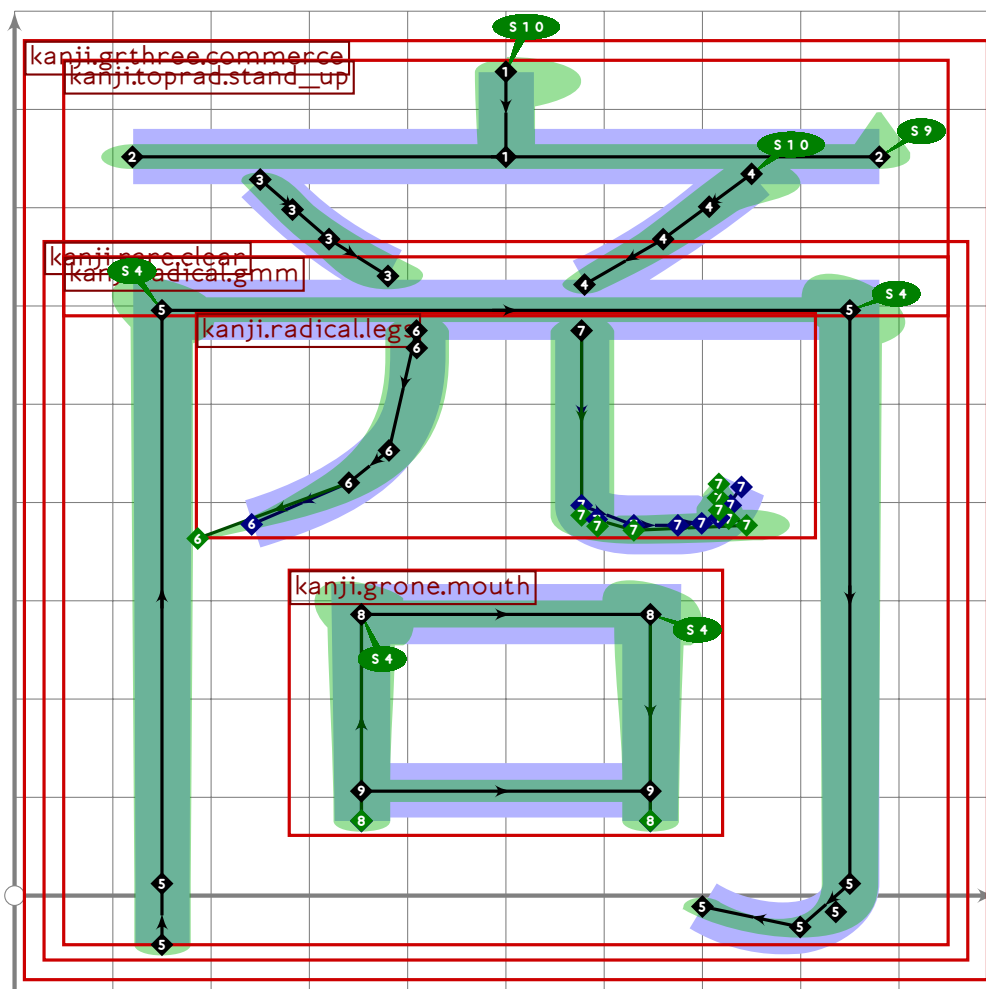
```
1 %
2 % Unicode page 55 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

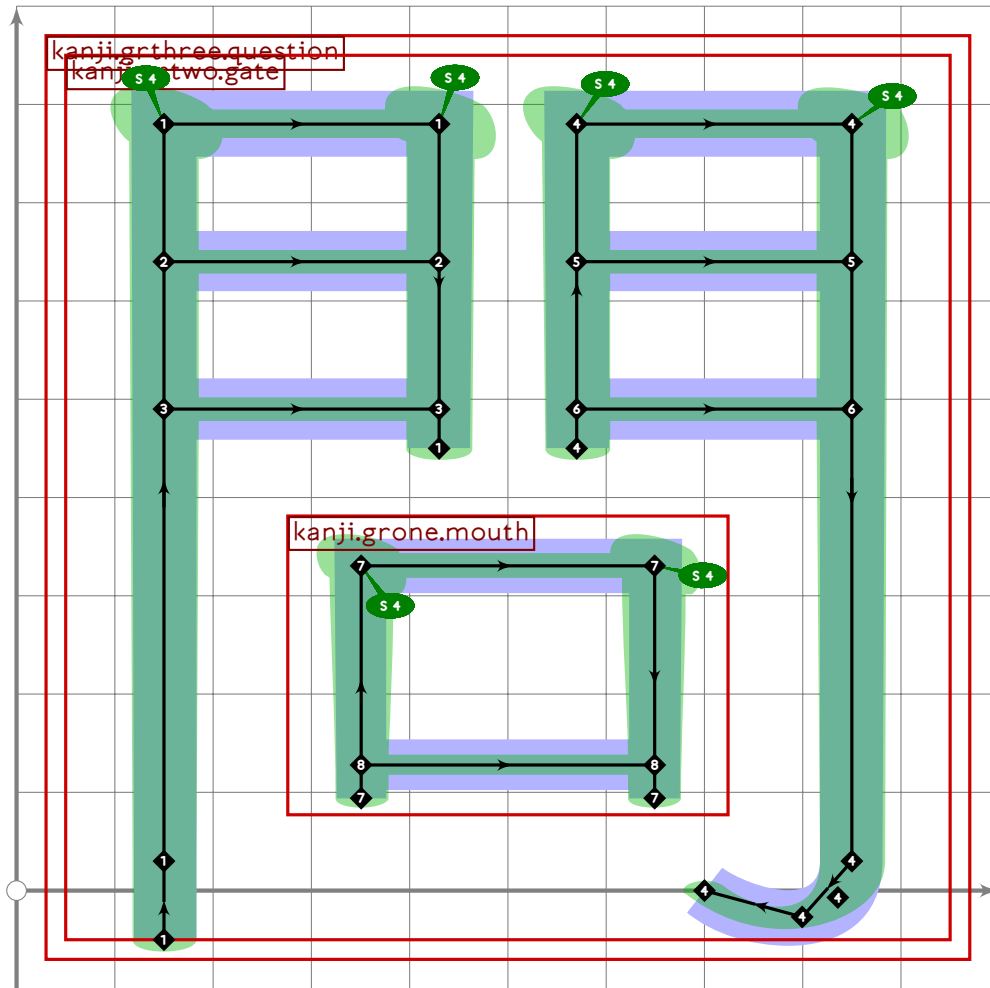

```



```

49
50 vardef kanji.grthree.commerce =
51   push_pbox_toexpand("kanji.grthree.commerce");
52   build_kanji.level(build_kanji.tb(620,60)
53     (kanji.toprad.stand_up;
54       pop_stroke)
55     (kanji.rare.clear));
56   expand_pbox;
57 enddef;

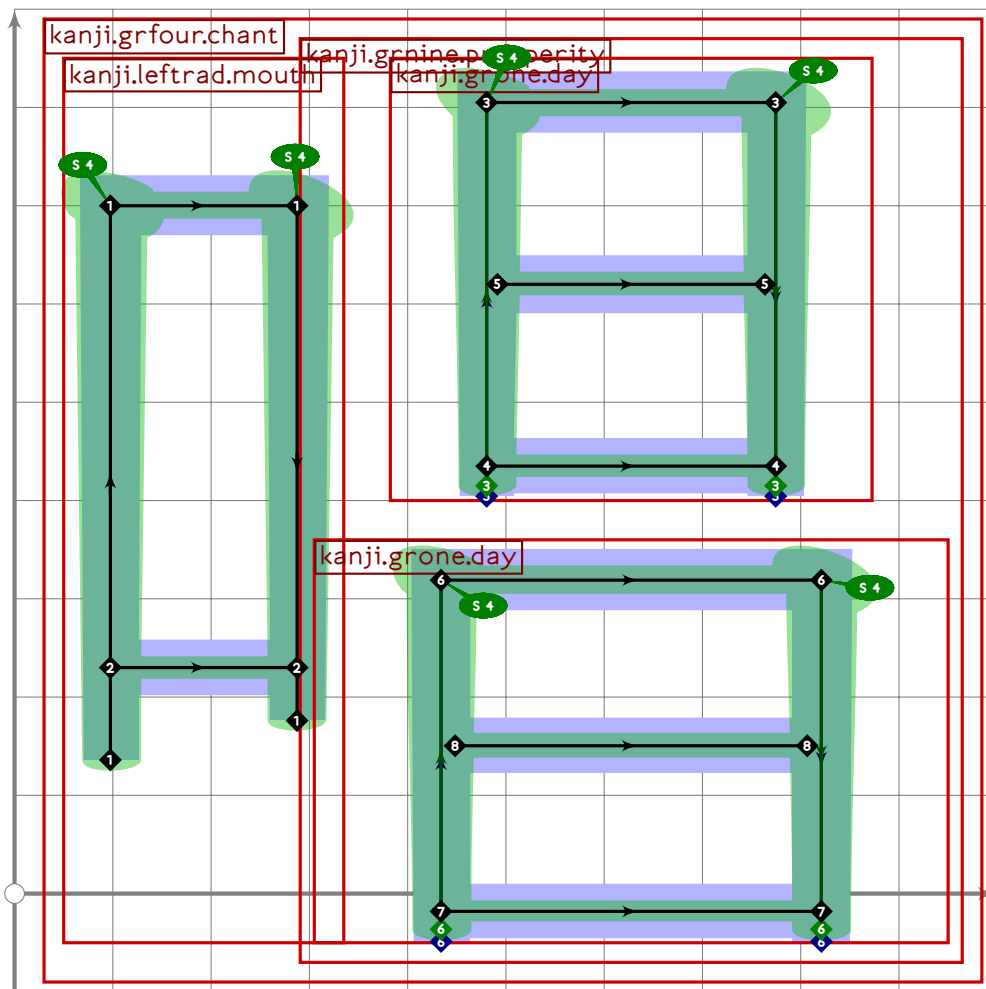
```



```

58
59 vardef kanji.grthree.question =
60   push_pbox_toexpand("kanji.grthree.question");
61   build_kanji.gate_enclose(
62     build_kanji.sscale(scaled 0.8)(kanji.grone.mouth));
63   expand_pbox;
64 enddef;
65
66

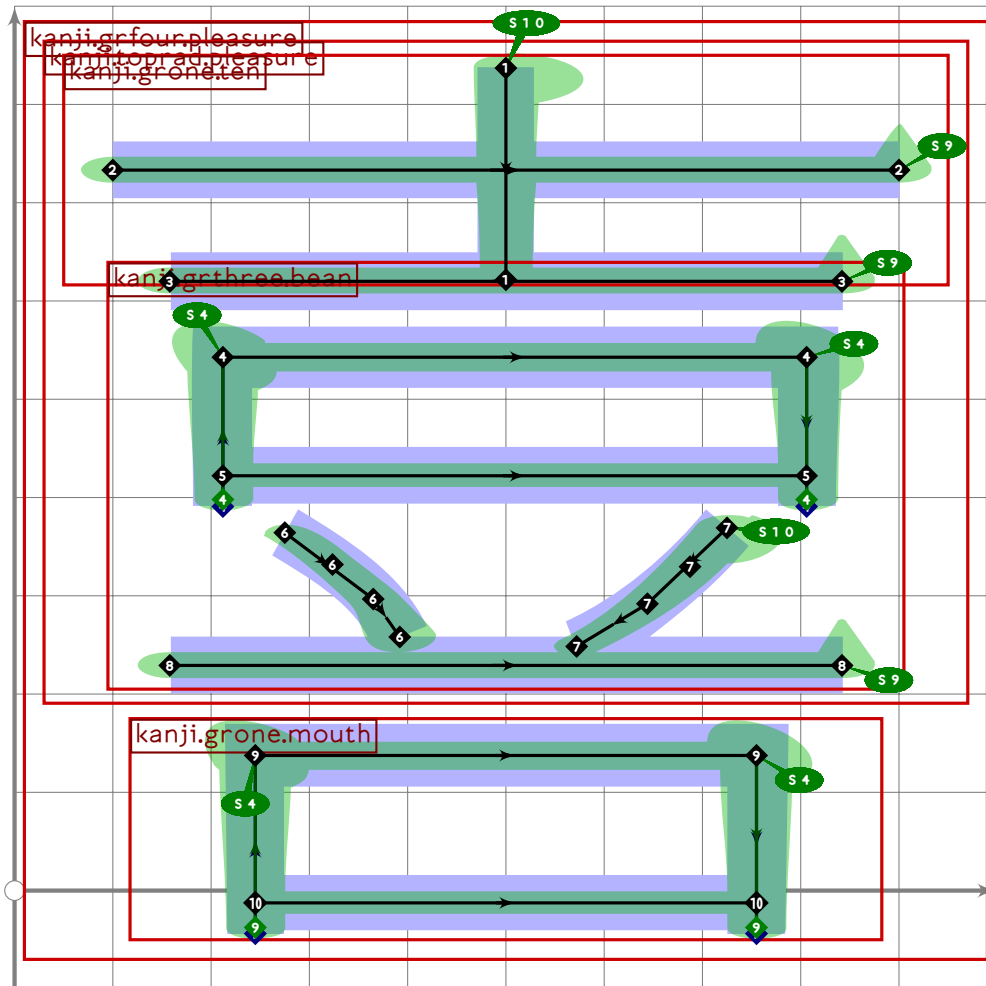
```



```

67
68 vardef kanji.grfour.chant =
69   push_pbox_toexpand("kanji.grfour.chant");
70   build_kanji.lr(320,30)
71     (kanji.leftrad.mouth)
72     (kanji.grnine.prosperity);
73   expand_pbox;
74 enddef;

```



```

75
76 vardef kanji.grfour.pleasure =
77   push_pbox_toexpand("kanji.grfour.pleasure");
78   build_kanji.level(build_kanji.tb(190;30)
79     (kanji.toprad.pleasure)
80     (build_kanji.sscale(xscaled 0.85)(kanji.grone.mouth)));
81   expand_pbox;
82 enddef;
83
84
85
86 % shou/tona "chant"
87 beginsuglyph("uni5531";49);
88 kanji.grfour.chant;
89 tsu_render;
90 endsuglyph;
91
92 % shou/akina
93 beginsuglyph("uni5546";70);
94 kanji.grthree.commerce;
95 tsu_render;

```

[see page 1958]

[see page 1956]

```
96 endtsuglyph;
97
98 % mon/to "question"
99 begintsuglyph("uni554F";79); [see page 1957]
100 kanji.grthree.question;
101 tsu_render;
102 endtsuglyph;
103
104 % ki/yoroko "pleasure"
105 begintsuglyph("uni559C";156); [see page 1959]
106 kanji.grfour.pleasure;
107 tsu_render;
108 endtsuglyph;
109
110 % kyou/taka "boast"
111 begintsuglyph("uni55AC";172); [see page 774]
112 kanji.grnine.boast;
113 tsu_render;
114 endtsuglyph;
115
116 _____
117
118 endfont;
119
120 _____
```



# tsuku-56.mp

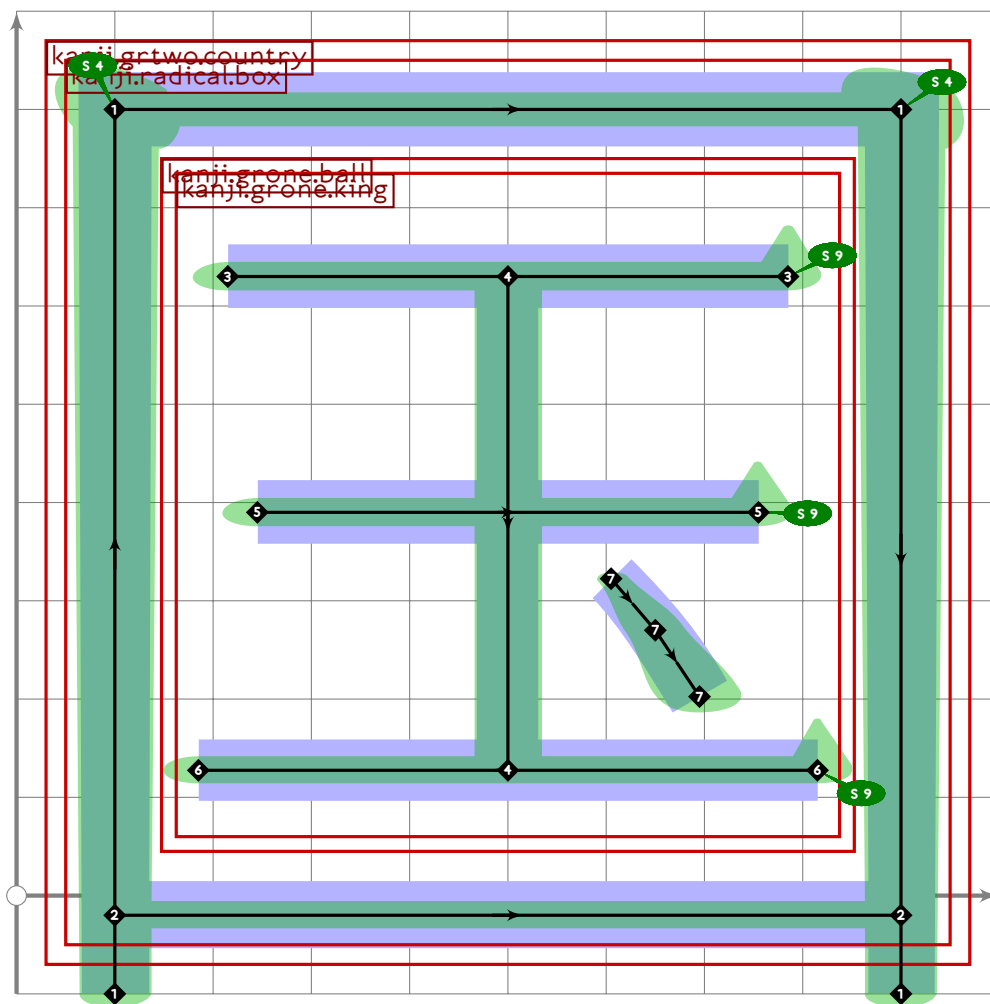
```
1 %
2 % Unicode page 56 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

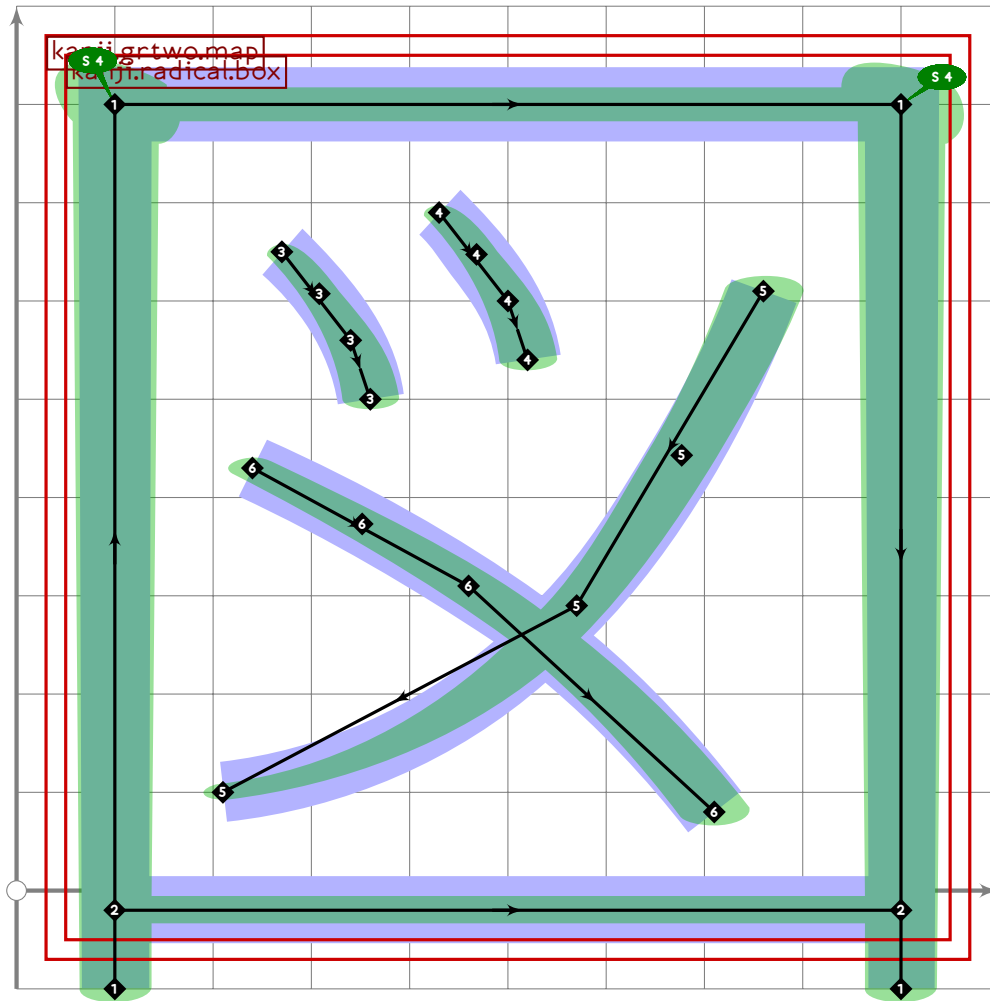

```



```

47
48 vardef kanji.grtwo.country =
49   push_pbox_toexpand("kanji.grtwo.country");
50   kanji.radical.box;
51   build_kanji.sscale(scaled 0.75)(kanji.grone.ball);
52   expand_pbox;
53 enddef;

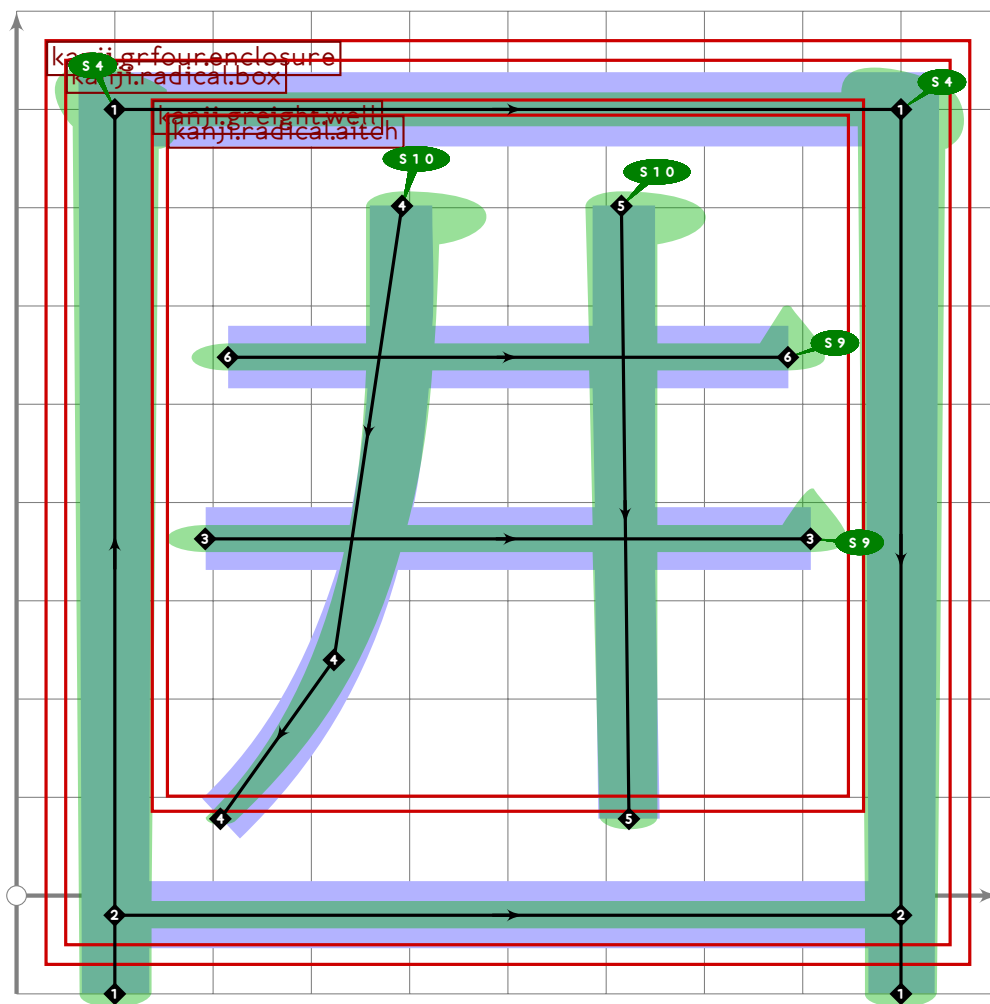
```



```

54
55 vardef kanji.grtwo.map =
56   push_pbox_toexpand("kanji.grtwo.map");
57   kanji.radical.box;
58   push_stroke((270,650)..tension 1.2..(340,560)..(360,500),
59     (1,1)–(1.2,1.2)–(1.3,1.3));
60   push_stroke(get_strokep(0) shifted ((430,690)-point 0 of get_strokep(0)),
61     get_strokeq(0));
62   push_stroke((760,610)..tension 1.2..(570,290)..(210,100),
63     (1.6,1.6)–(1.4,1.4)–(1.1,1.1));
64   push_stroke((240,430)..tension 1.2..(460,310)..(710,80),
65     (1.2,1.2)–(1.4,1.4)–(1.5,1.5));
66   expand_pbox;
67 enddef;
68
69

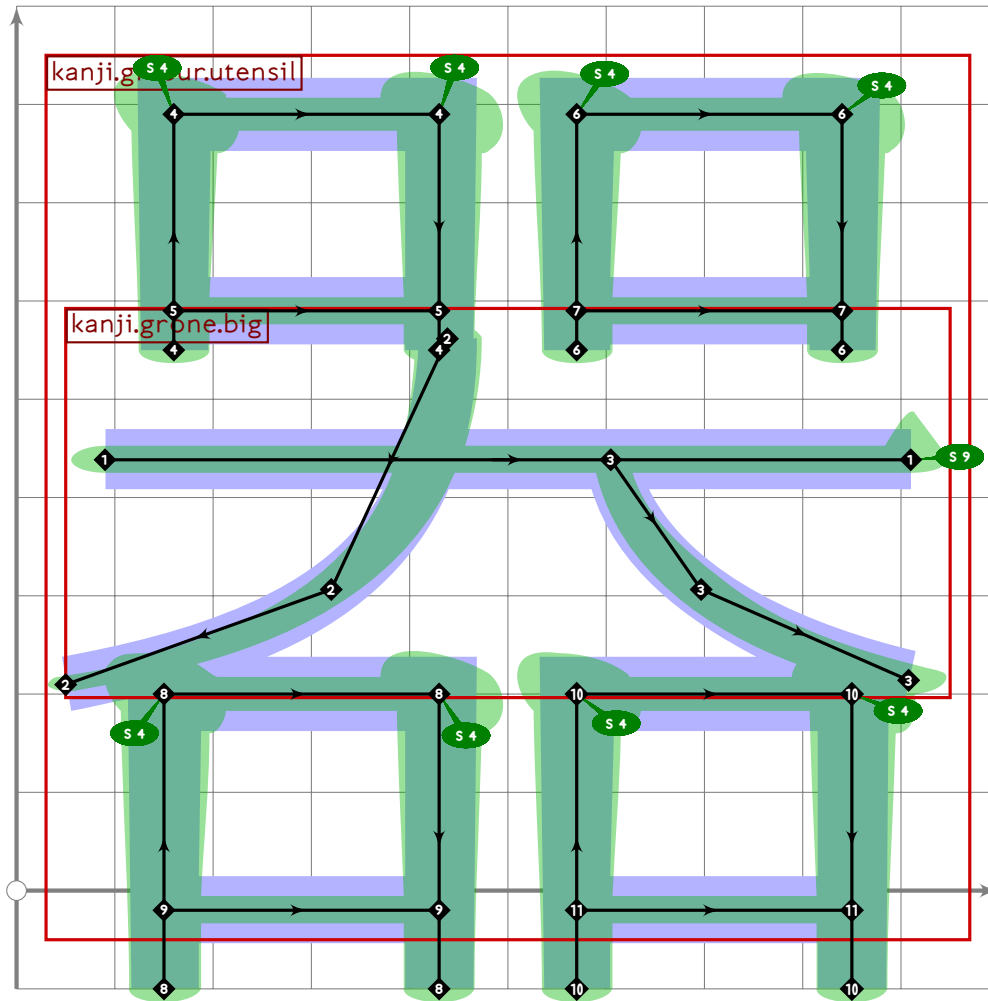
```



```

70
71 vardef kanji.grfour.enclosure =
72   push_pbox_toexpand("kanji.grfour.enclosure");
73   kanji.radical.box;
74   build_kanji.sscale(scaled 0.77 shifted (0,50))(kanji.greight.well);
75   expand_pbox;
76 enddef;

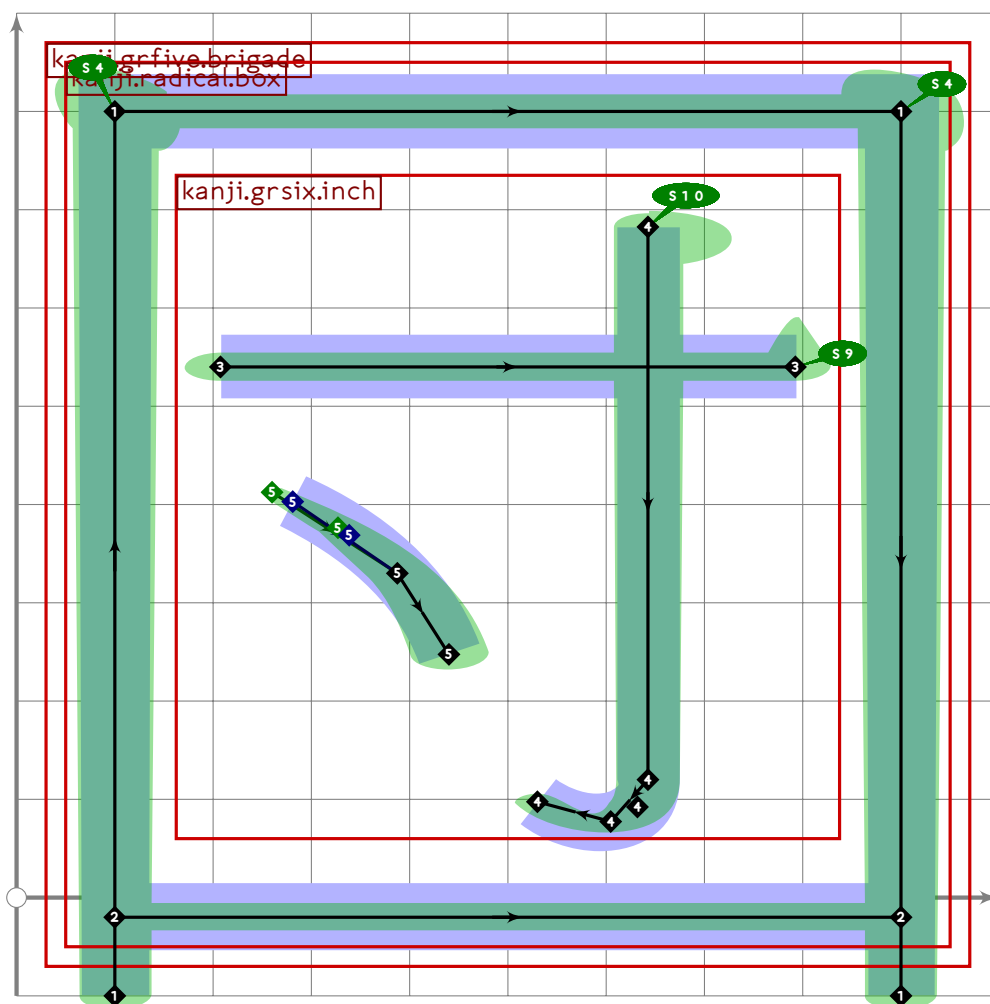
```



```

77
78 vardef kanji.grfour.utensil =
79   push_pbox_toexpand("kanji.grfour.utensil");
80   build_kanji.sscale(yscaled 0.44)
81     (build_kanji.spread_legs(140)(kanji.grone.big));
82   build_kanji.box((160,790),(430,590));
83   build_kanji.box((570,790),(840,590));
84   build_kanji.box((150,200),(430,-20));
85   build_kanji.box((570,200),(850,-20));
86   expand_pbox;
87 enddef;
88
89

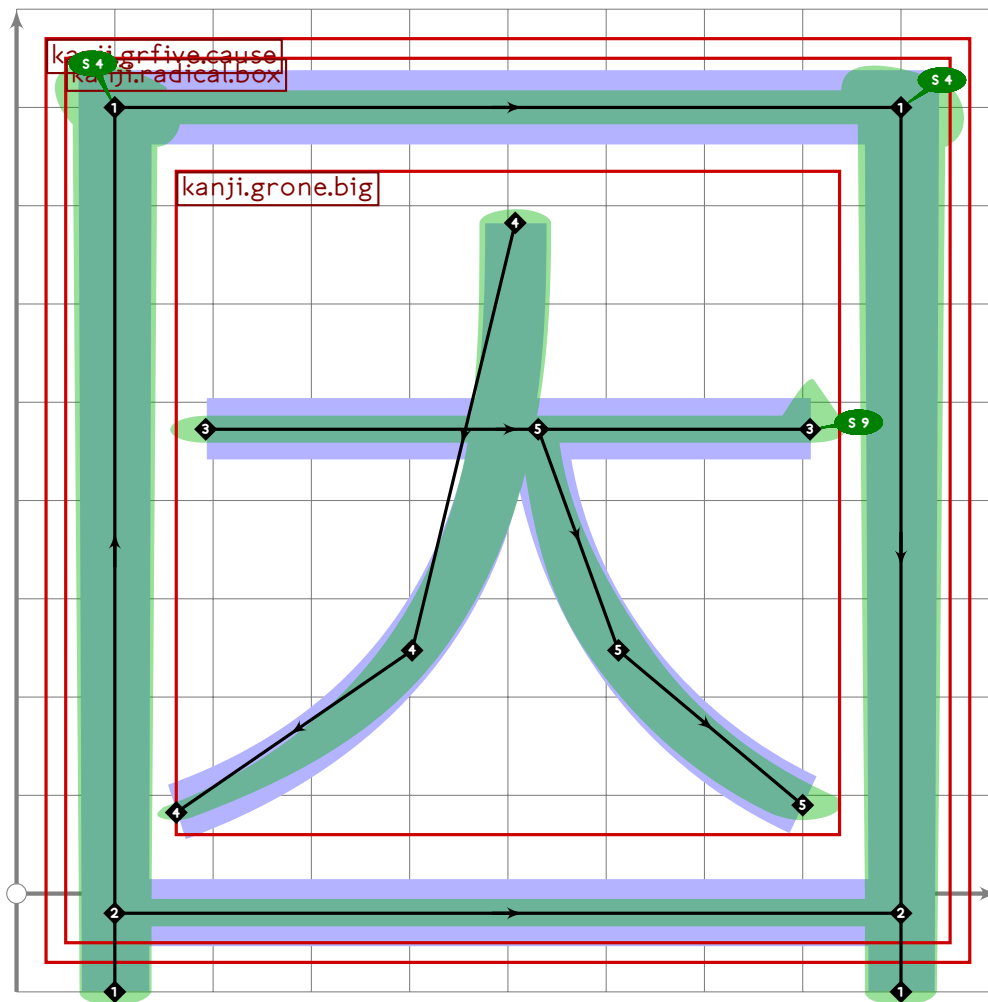
```



```

90
91 vardef kanji.grfive.brigade =
92   push_pbox_toexpand("kanji.grfive.brigade");
93   kanji.radical.box;
94   build_kanji.sscale(scaled 0.75)(kanji.grsix.inch);
95   expand_pbox;
96 enddef;

```



```

97
98 vardef kanji.grfive.cause =
99   push_pbox_toexpand("kanji.grfive.cause");
100   kanji.radical.box;
101   build_kanji.sscale(scaled 0.75)(kanji.grone.big);
102   expand_pbox;
103 enddef;
104
105
106
107 % ki/utsuwa "utensil"
108 begintsuglyph("uni5668";104);
109   kanji.grfour.utensil;
110   tsu_render;
111 endtsuglyph;
112
113 % box radical
114 begintsuglyph("uni56D7";215);
115   kanji.radical.box;
116   tsu_render;
117 endtsuglyph;

```

[see page 1965]

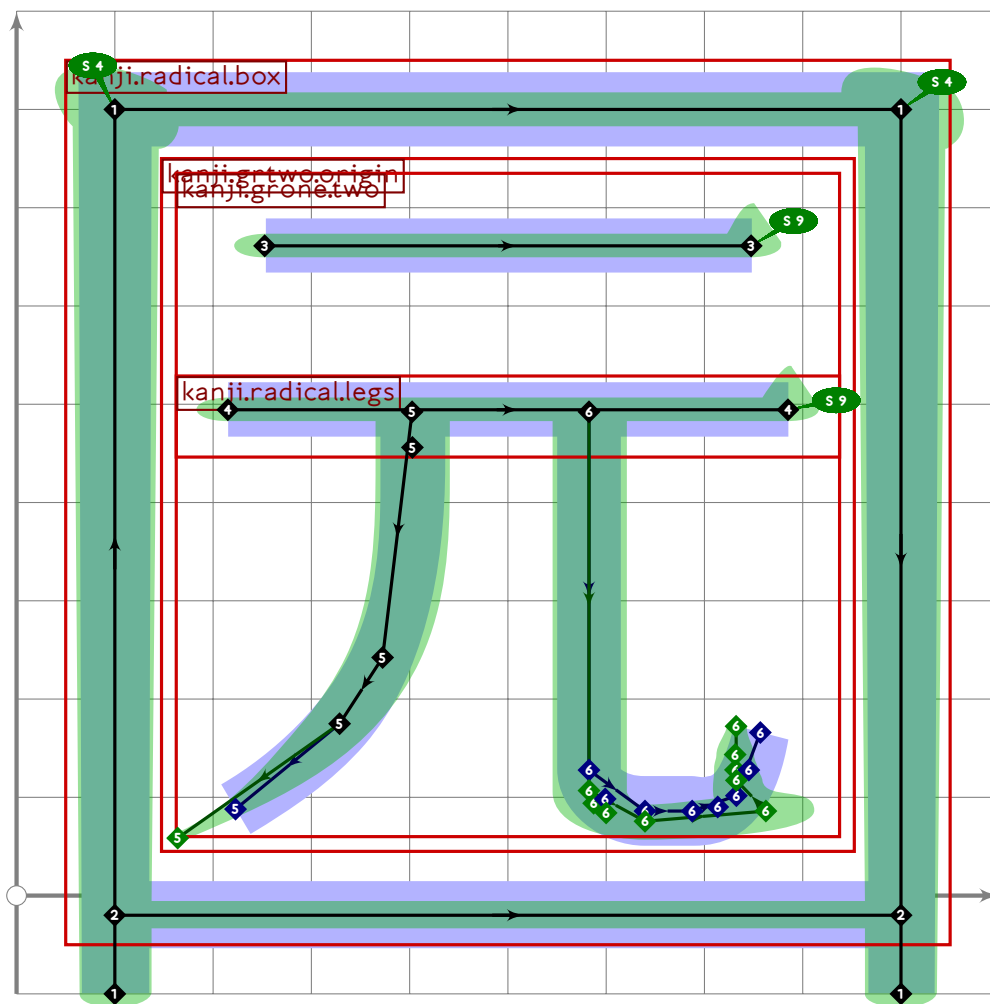
[see page 681]

```

118
119 % shi/yon "four"
120 begintsuglyph("uni56DB";219); [see page 435]
121   kanji.grone.four;
122   tsu_render;
123 endtsuglyph;
124
125 % kai "counter for occurrences"
126 begintsuglyph("uni56DE";222); [see page 531]
127   kanji.grtwo.occurrences;
128   tsu_render;
129 endtsuglyph;
130
131 % in/yo "cause"
132 begintsuglyph("uni56E0";224); [see page 1967]
133   kanji.grfive.cause;
134   tsu_render;
135 endtsuglyph;
136
137 % dan/katamari "group or association" (as in SOS Brigade)
138 begintsuglyph("uni56E3";227); [see page 1966]
139   kanji.grfive.brigade;
140   tsu_render;
141 endtsuglyph;
142

```





```

143 % extra
144 begintsuglyph("uni56ED";237);
145   kanji.radical.box;
146   build_kanji.sscale(scaled 0.75)(kanji.grtwo.origin);
147   tsu_render;
148 endtsuglyph;
149
150 % koma "bothered"
151 begintsuglyph("uni56F0";240);
152   kanji.grsix.bothered;
153   tsu_render;
154 endtsuglyph;
155
156 % i/kako "enclosure"
157 begintsuglyph("uni56F2";242);
158   kanji.grfour.enclosure;
159   tsu_render;
160 endtsuglyph;
161
162 % zu/haka "map"
163 begintsuglyph("uni56F3";243);

```

[see page 651]

[see page 1964]

[see page 1963]

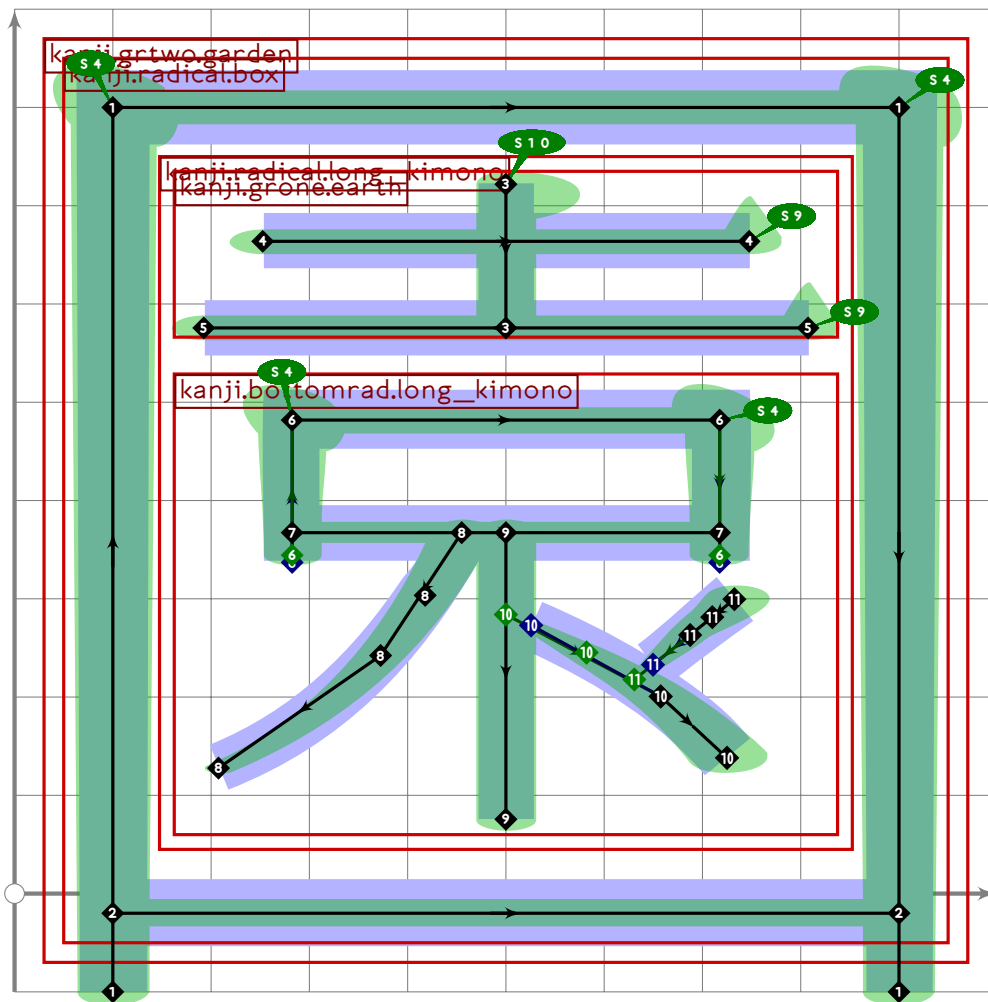
```

164   kanji.grtwo.map;
165   tsu_render;
166 endtsuglyph;
167
168 % ko/kata "hard"
169 begintsuglyph("uni56FA",250); [see page 619]
170   kanji.grfour.hard;
171   tsu_render;
172 endtsuglyph;
173
174 % koku/kuni "country"
175 begintsuglyph("uni56FD",253); [see page 1962]
176   kanji.grtwo.country;
177   tsu_render;
178 endtsuglyph;
179
180 _____
181
182 endfont;
183
184 _____

```

# tsuku-57.mp

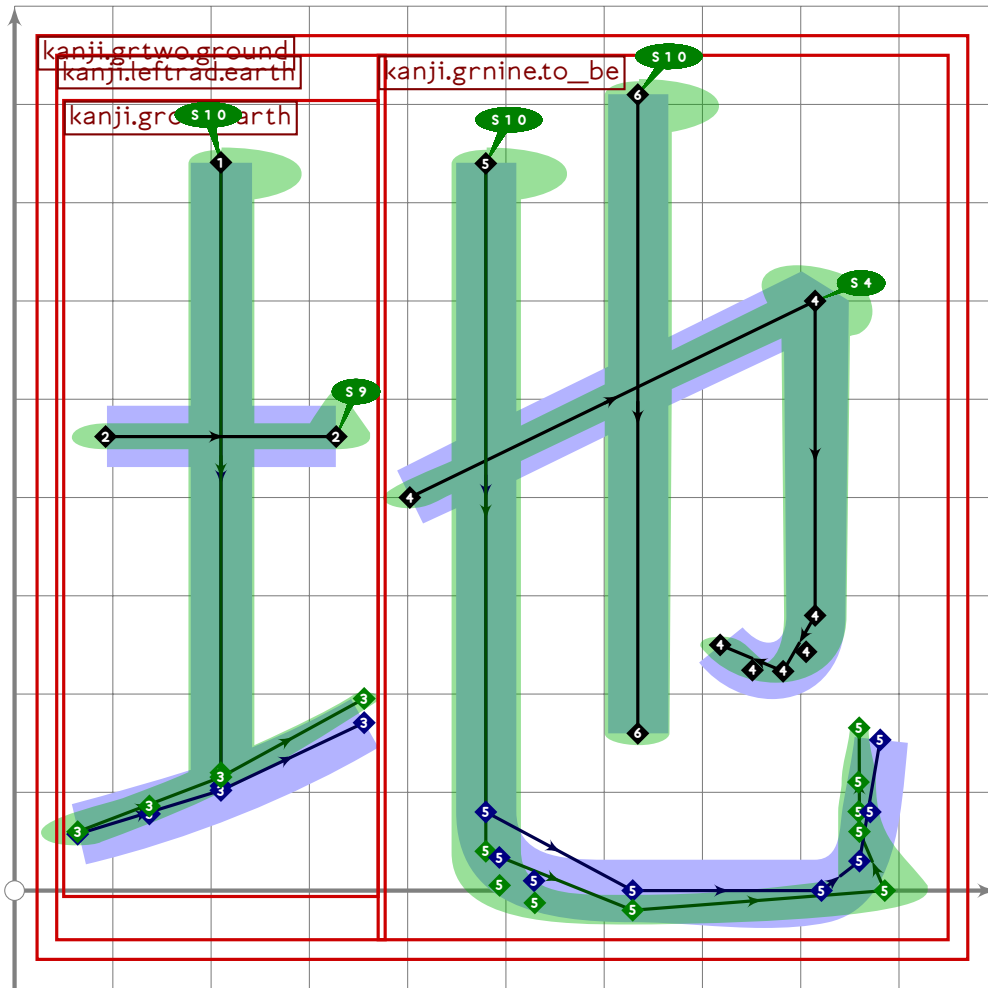
```
1 %
2 % Unicode page 57 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input leftrad.mp;
45 input radical.mp;
46 input rare.mp;
47 input rightrad.mp;
48
49 do_late_includes;
50
51
```



```

52
53 vardef kanji.grtwo.garden =
54   push_pbox_toexpand("kanji.grtwo.garden");
55   kanji.radical.box;
56   build_kanji.sscale(scaled 0.75)
57     (kanji.radical.long_kimono);
58   expand_pbox;
59 enddef;

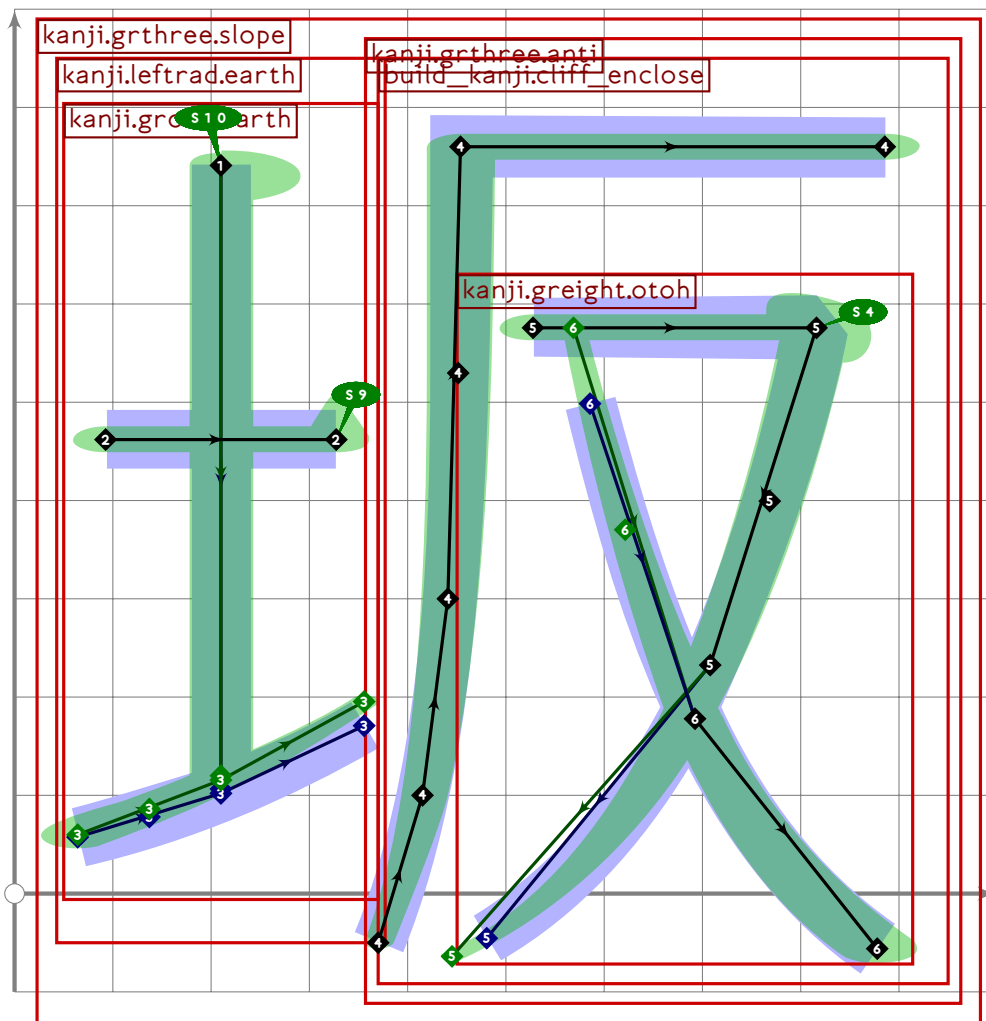
```



```

60
61 vardef kanji.grtwo.ground =
62   push_pbox_toexpand("kanji.grtwo.ground");
63   build_kanji.level(build_kanji.lr(370,0)
64     (kanji.leftrad.earth)
65     (kanji.grnine.to_be));
66   expand_pbox;
67 enddef;
68
69

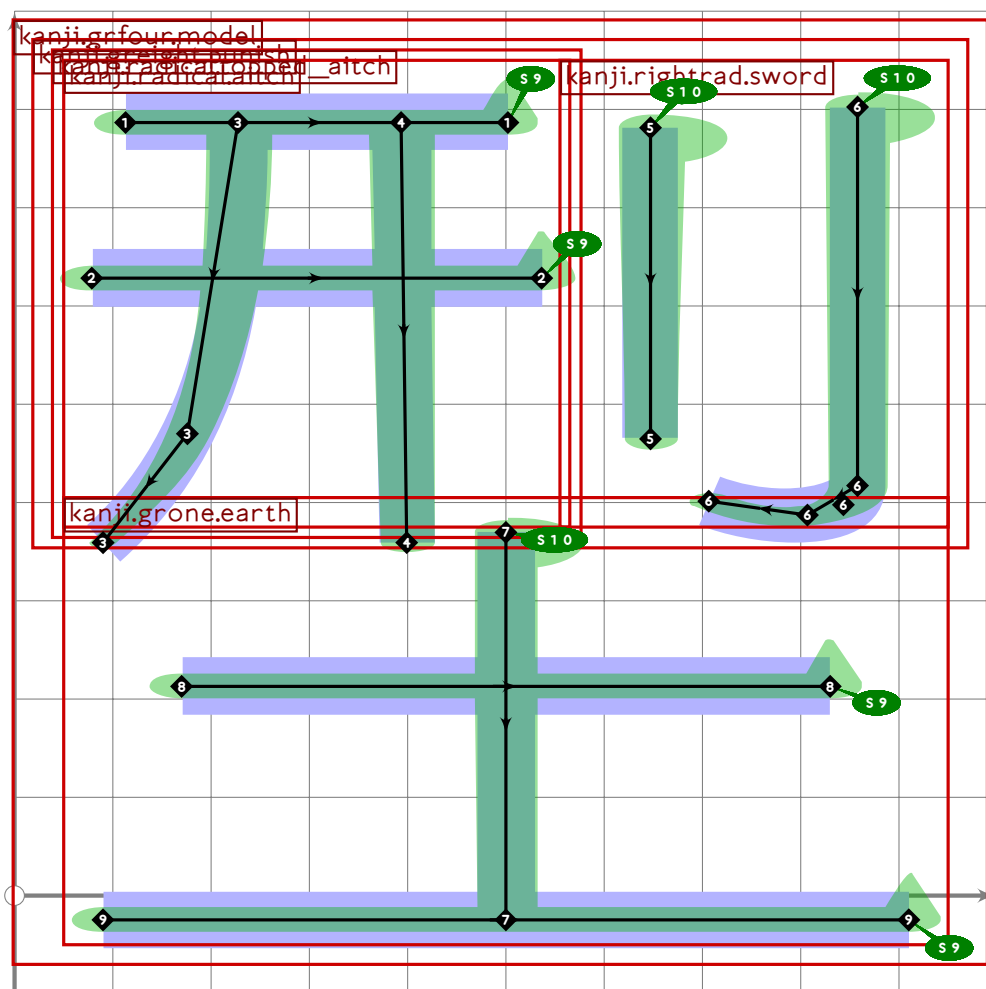
```



```

70
71 vardef kanji.grthree.slope =
72   push_pbox_toexpand("kanji.grthree.slope");
73   build_kanji.level(build_kanji.lr(370,0)
74     (kanji.leftrad.earth)
75     (kanji.grthree.anti));
76   expand_pbox;
77 enddef;
78
79

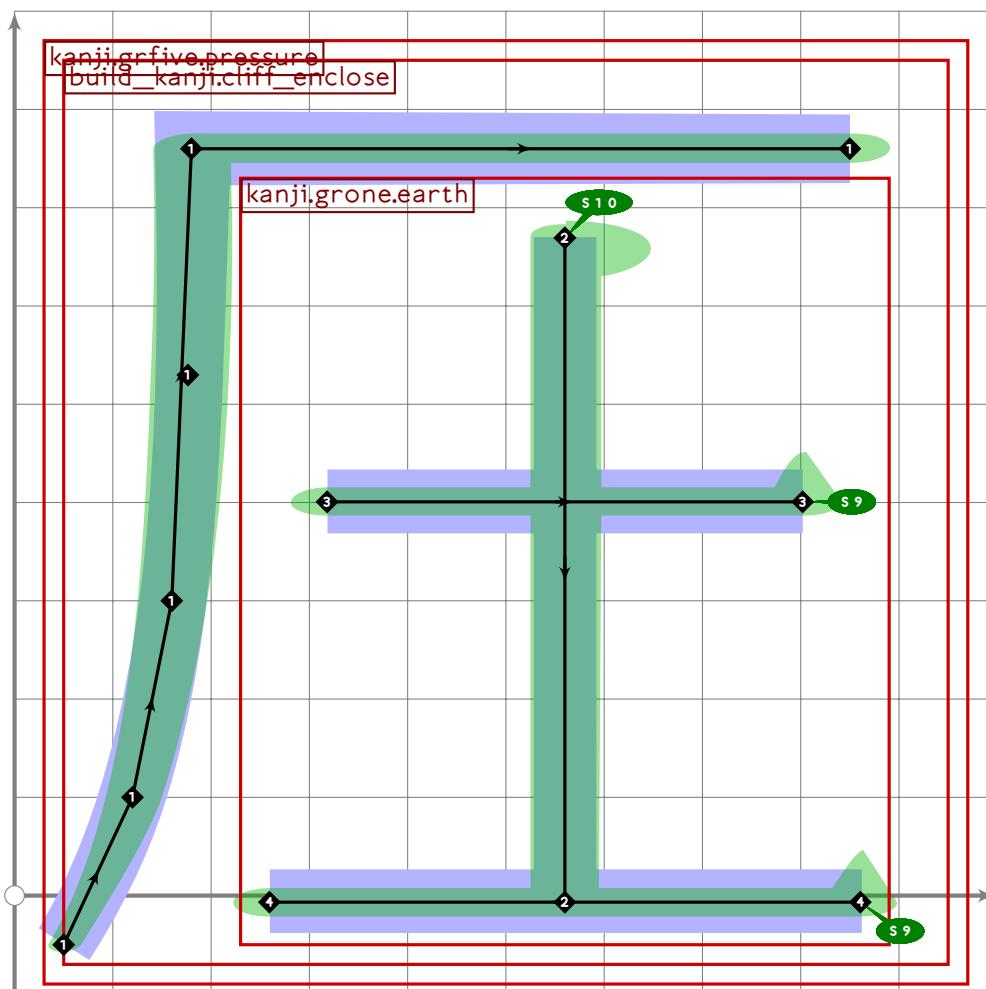
```



```

80
81 vardef kanji.grfour.model =
82   push_pbox_toexpand("kanji.grfour.model");
83   build_kanji.level(build_kanji.tb(390,30)
84     (kanji.greight.punish)
85     (kanji.grone.earth));
86   expand_pbox;
87 enddef;
88
89

```



```

90
91 vardef kanji.grfive.pressure =
92   push_pbox_toexpand("kanji.grfive.pressure");
93   build_kanji.cliff_enclose(kanji.grone.earth);
94   expand_pbox;
95 enddef;

```

96

97

98

```

99 % en/zono "garden"
100 begintsuglyph("uni5712";18);
101   kanji.grtwo.garden;
102   tsu_render;
103 endtsuglyph;

```

[see page 1972]

104

```

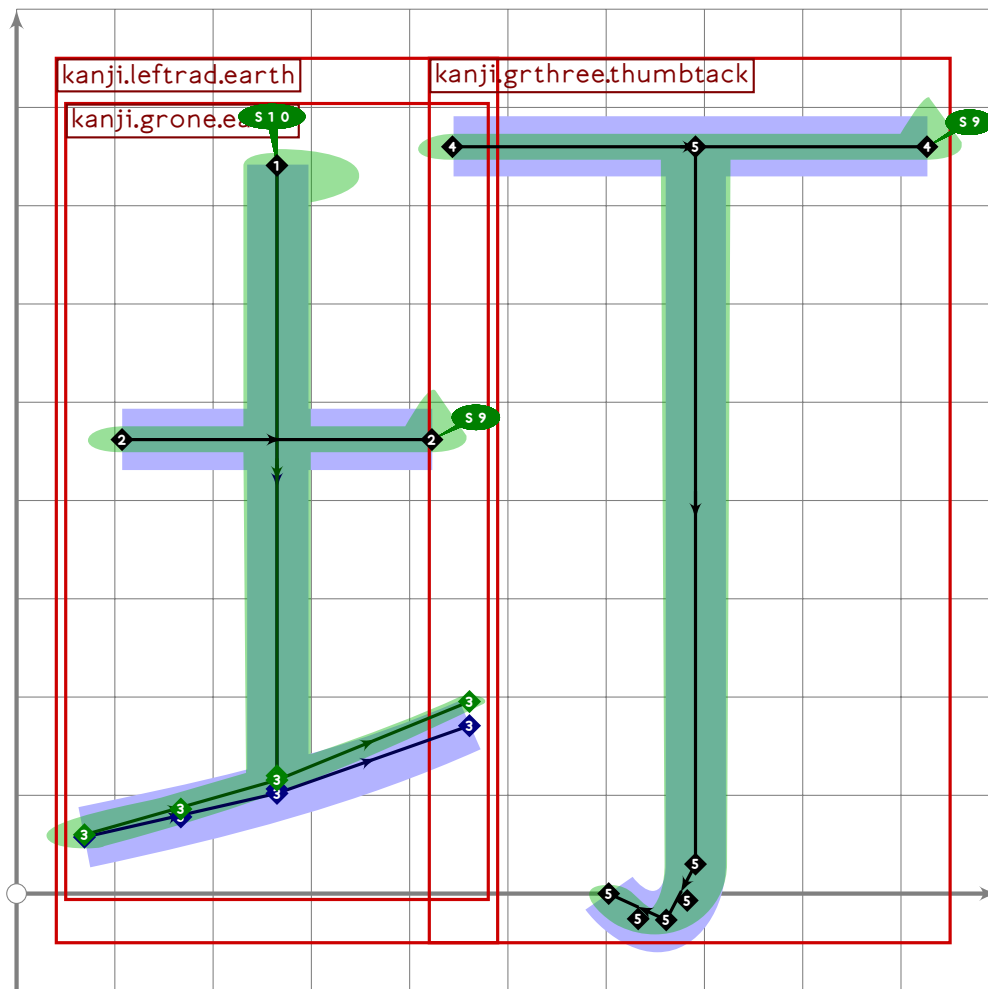
105 % tsuchi/do "earth"
106 begintsuglyph("uni571F";31);
107   kanji.grone.earth;
108   tsu_render;
109 endtsuglyph;

```

[see page 428]

110





```

111 % extra
112 begintsuglyph("uni5722";34);
113   build_kanji.level(build_kanji.lr(450,60)
114     (kanji.leftrad.earth)
115     (kanji.grthree.thumbtack));
116   tsu_render;
117 endtsuglyph;
118
119 % extra: "sacred"
120 begintsuglyph("uni5723";35);
121   kanji.rare.sacred;
122   tsu_render;
123 endtsuglyph;
124
125 % extra: "mushroom"
126 begintsuglyph("uni5725";37);
127   kanji.rare.mushroom;
128   tsu_render;
129 endtsuglyph;
130
131 % atsu/o "pressure"

```

[see page 837]

[see page 828]

```

132 begintsuglyph("uni5727";39);
133   kanji.grfive.pressure;
134   tsu_render;
135 endtsuglyph;
136
137 % kei/ka "square jewel"
138 begintsuglyph("uni572D";45);
139   kanji.grnine.square_jewel;
140   tsu_render;
141 endtsuglyph;
142
143 % chi/ji "ground"
144 begintsuglyph("uni5730";48);
145   kanji.grtwo.ground;
146   tsu_render;
147 endtsuglyph;
148
149 % han/saka "slope"
150 begintsuglyph("uni5742";66);
151   kanji.grthree.slope;
152   tsu_render;
153 endtsuglyph;
154

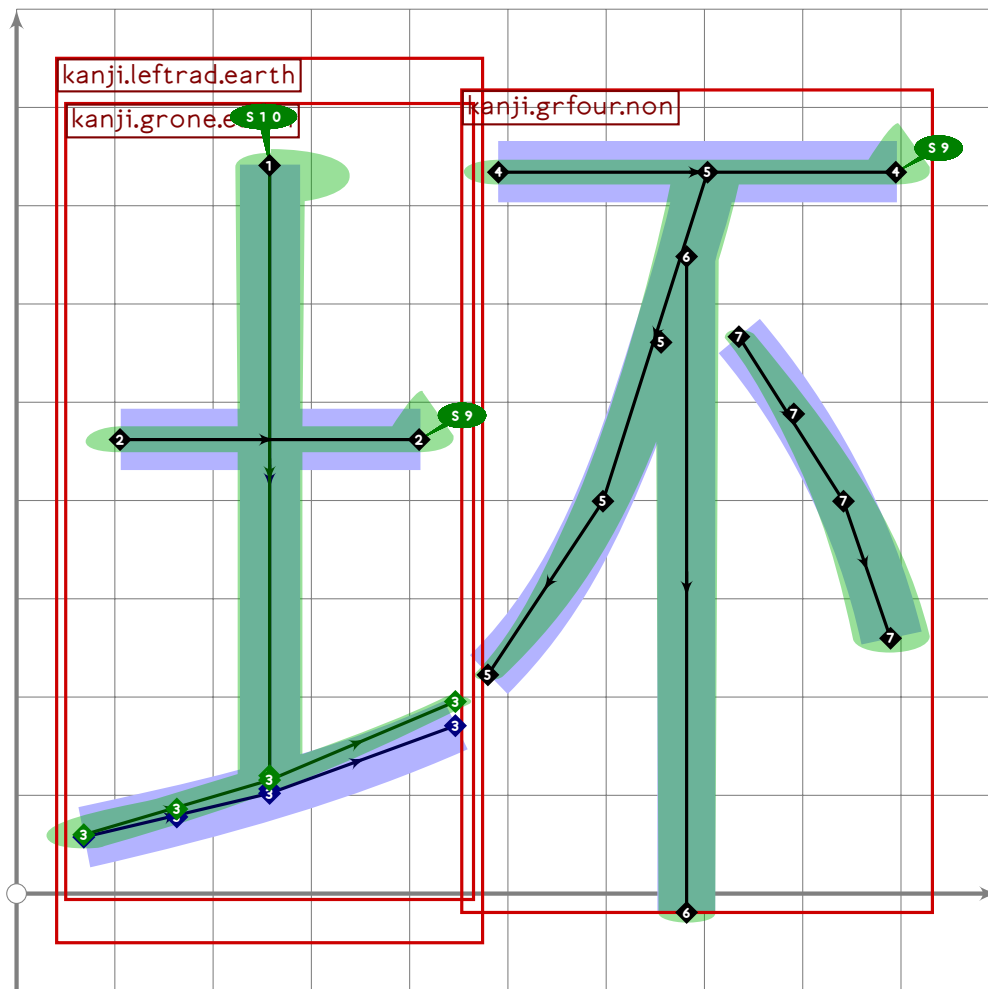
```

[see page 1976]

[see page 791]

[see page 1973]

[see page 1974]



```

155 % extra: hai/tsuki "bowl"
156 begintsuglyph("uni574F";79);
157   build_kanji.level(build_kanji.lr(450,30)
158     (kanji.leftrad.earth)
159     (build_kanji.sscale(scaled 0.93)(kanji.grfour.non)));
160   tsu_render;
161 endtsuglyph;
162
163 % extra: "clod of earth"
164 begintsuglyph("uni5774";116);
165   kanji.rare.clod_of_earth;
166   tsu_render;
167 endtsuglyph;
168
169 % kei/kata "model"
170 begintsuglyph("uni578B";139);
171   kanji.grfour.model;
172   tsu_render;
173 endtsuglyph;
174
175 % gei/u "art"

```

[see page 808]

[see page 1975]

176 `begintsuglyph("uni57F6";246);`

[see page 799]

177 `kanji.rare.art;`

178 `tsu_render;`

179 `endtsuglyph;`

180

181

---

182

183 `endfont;`

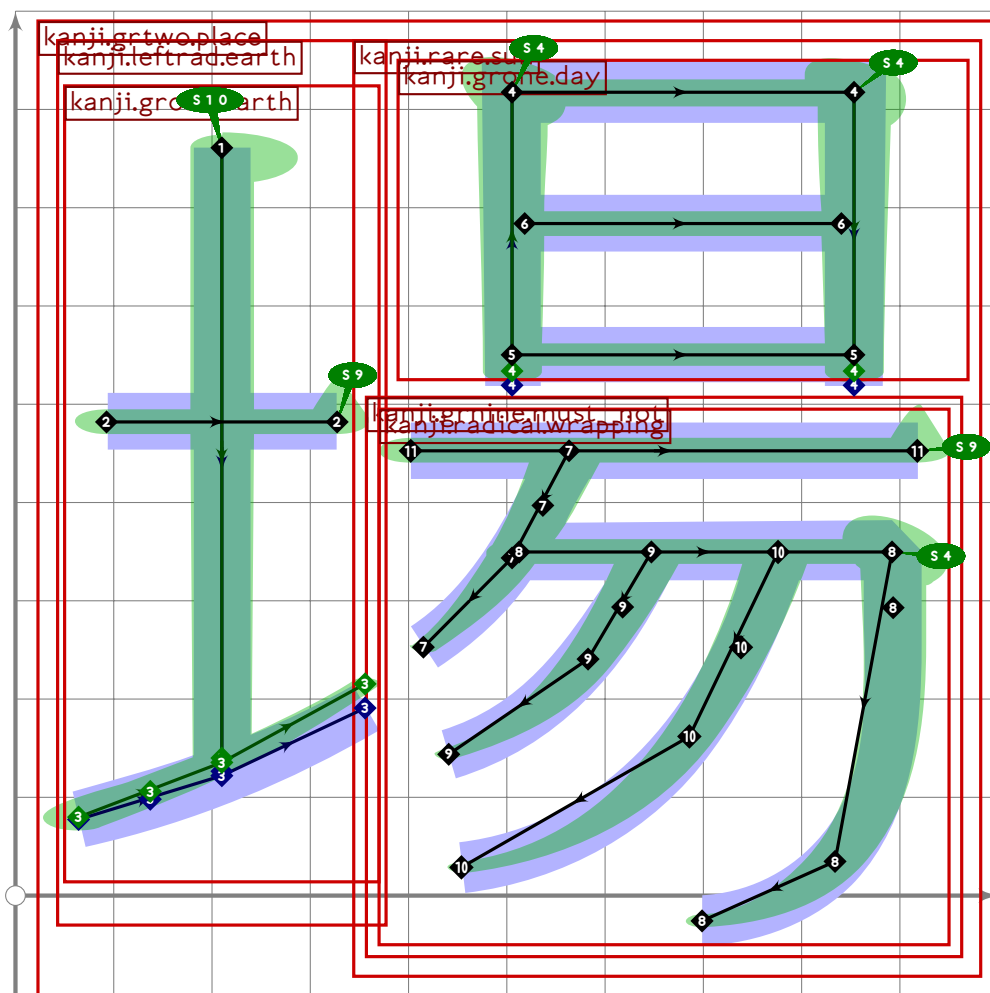
184

185

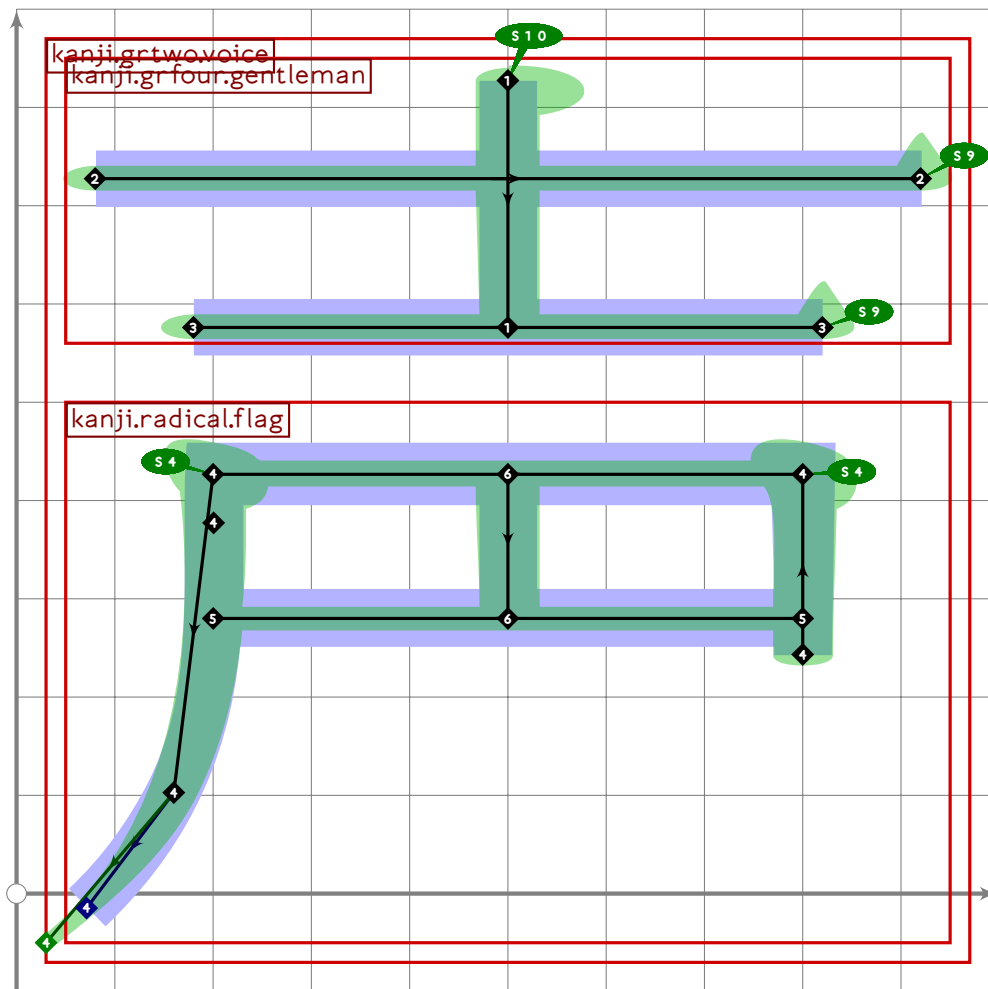
---

# tsuku-58.mp

```
1 %
2 % Unicode page 58 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefour.mp;
39 input gradenine.mp;
40 input gradeone.mp;
41 input gradethree.mp;
42 input gradetwo.mp;
43 input leftrad.mp;
44 input radical.mp;
45 input rare.mp;
46 input rightrad.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51
```



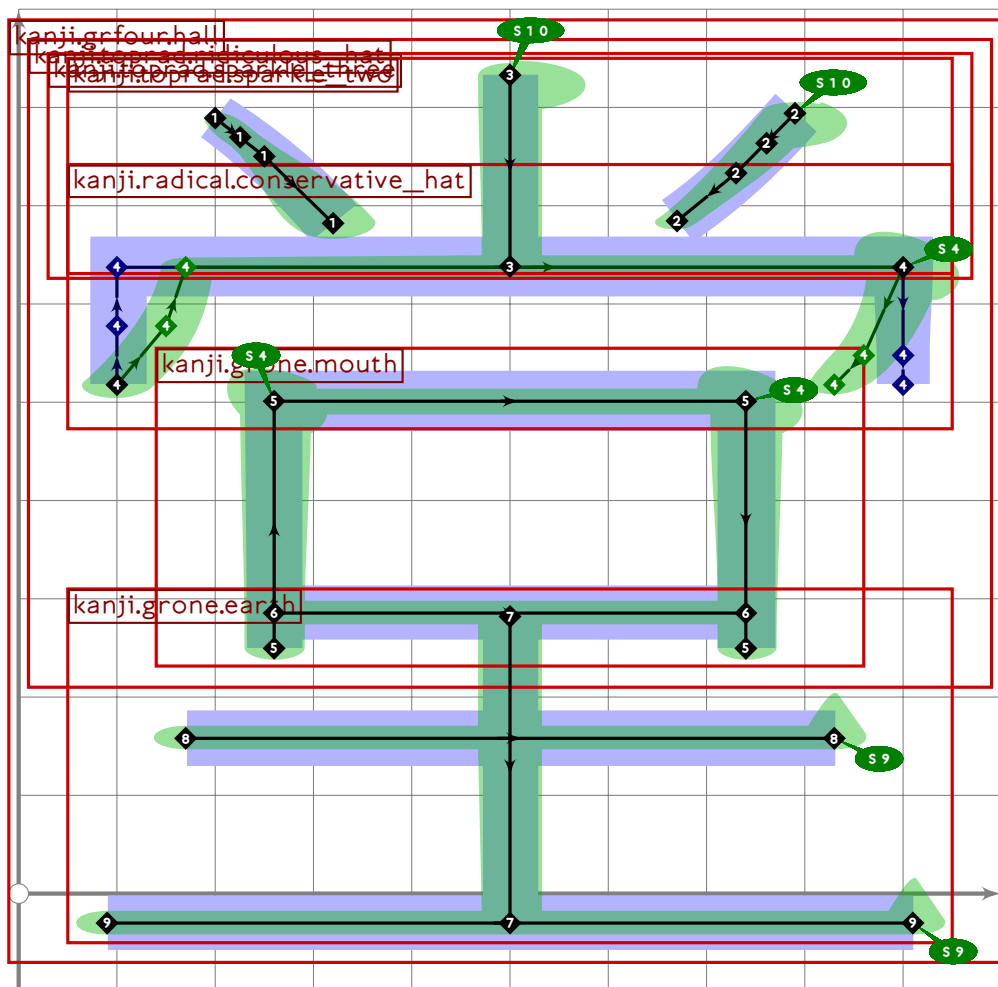
1982



```

60
61 vardef kanji.grtwo.voice =
62   push_pbox_toexpand("kanji.grtwo.voice");
63   build_kanji.tb(530,-60)
64     (kanji.grfour.gentleman)
65     (kanji.radical.flag;
66       push_stroke((500,730)-(500,490),(1.5,1.5)-(1.4,1.4)));
67   expand_pbox;
68 enddef;
69
70

```

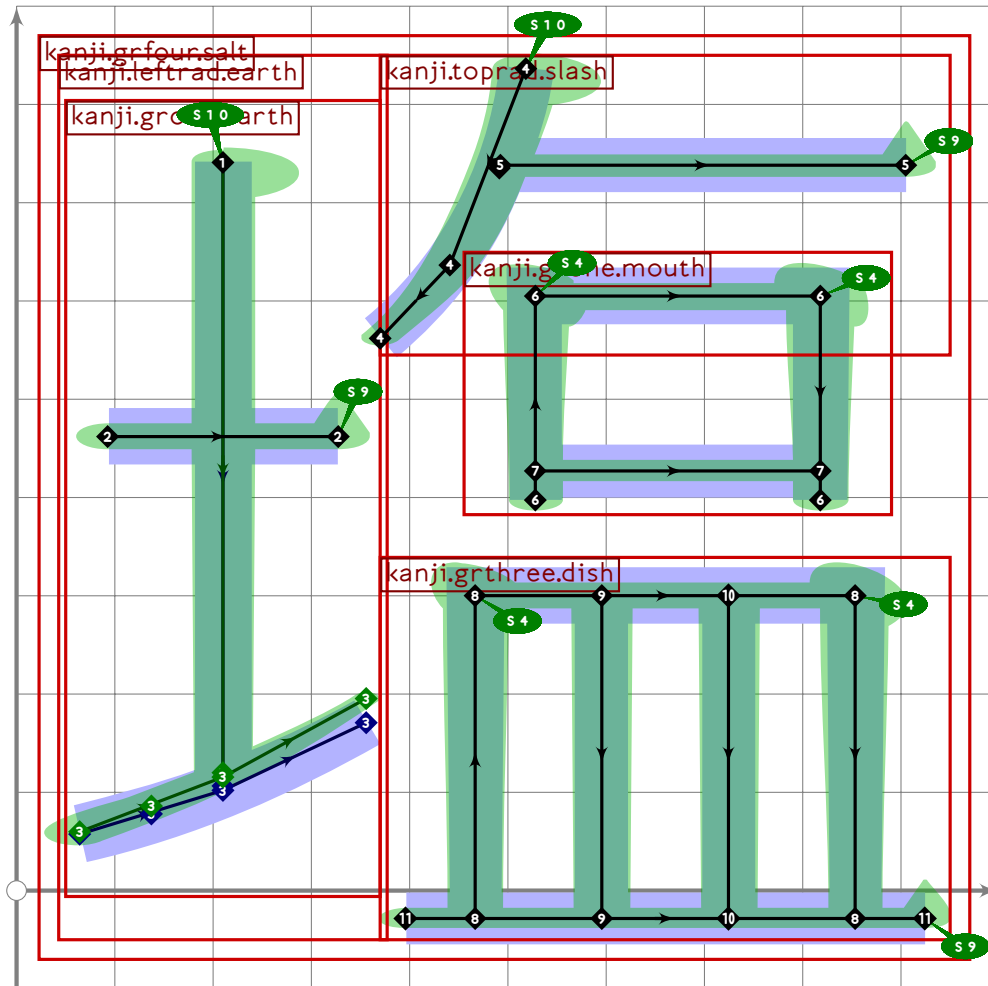


```

71
72 vardef kanji.grfour.hall =
73   push_pbox_toexpand("kanji.grfour.hall");
74   build_kanji.level(build_kanji.tb(260,100)
75     (kanji.toprad.ridiculous_hat)
76     (kanji.grone.earth;
77       set_boserif(-2,0,whatever)));
78   expand_pbox;
79 enddef;

```

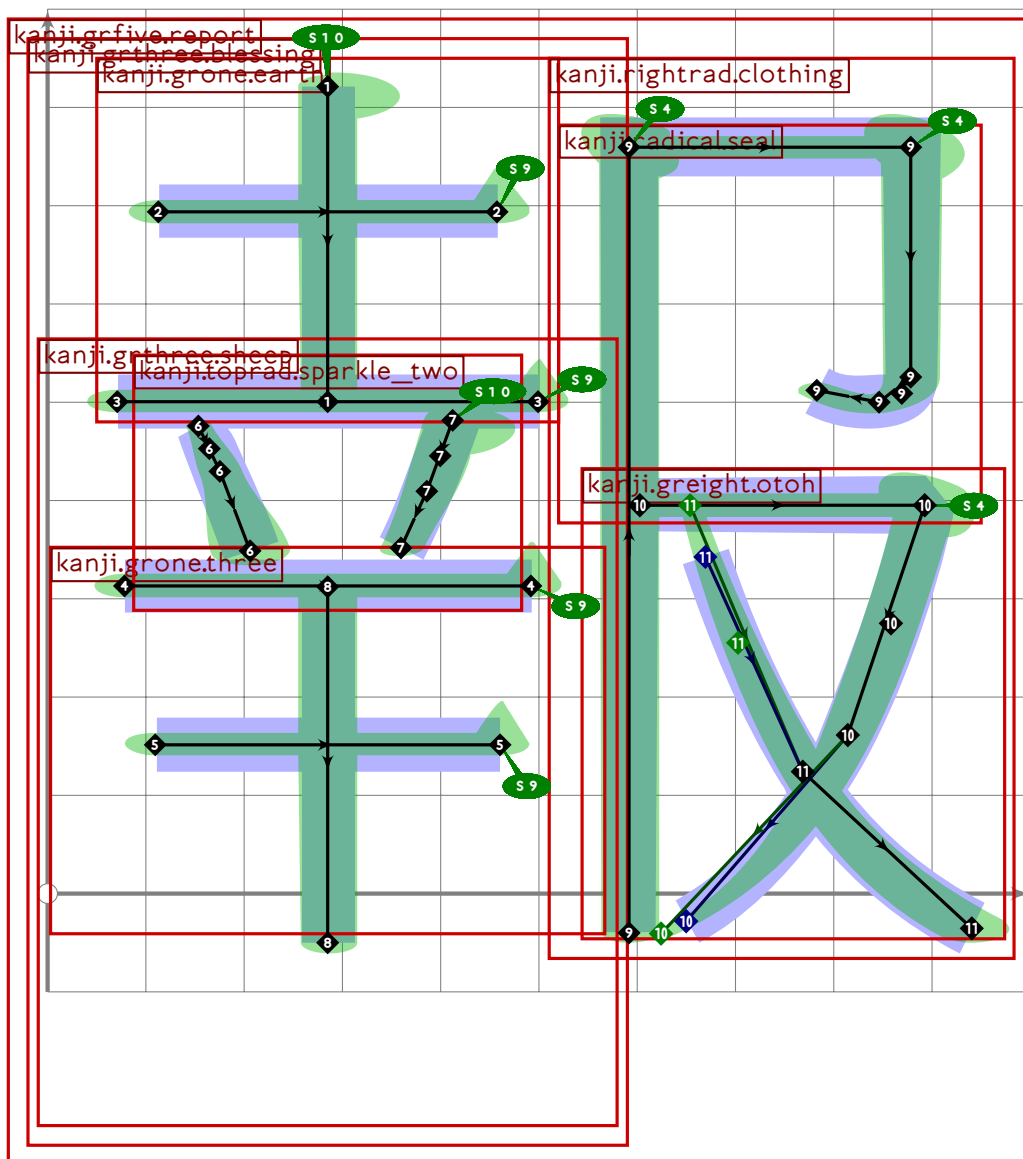




```

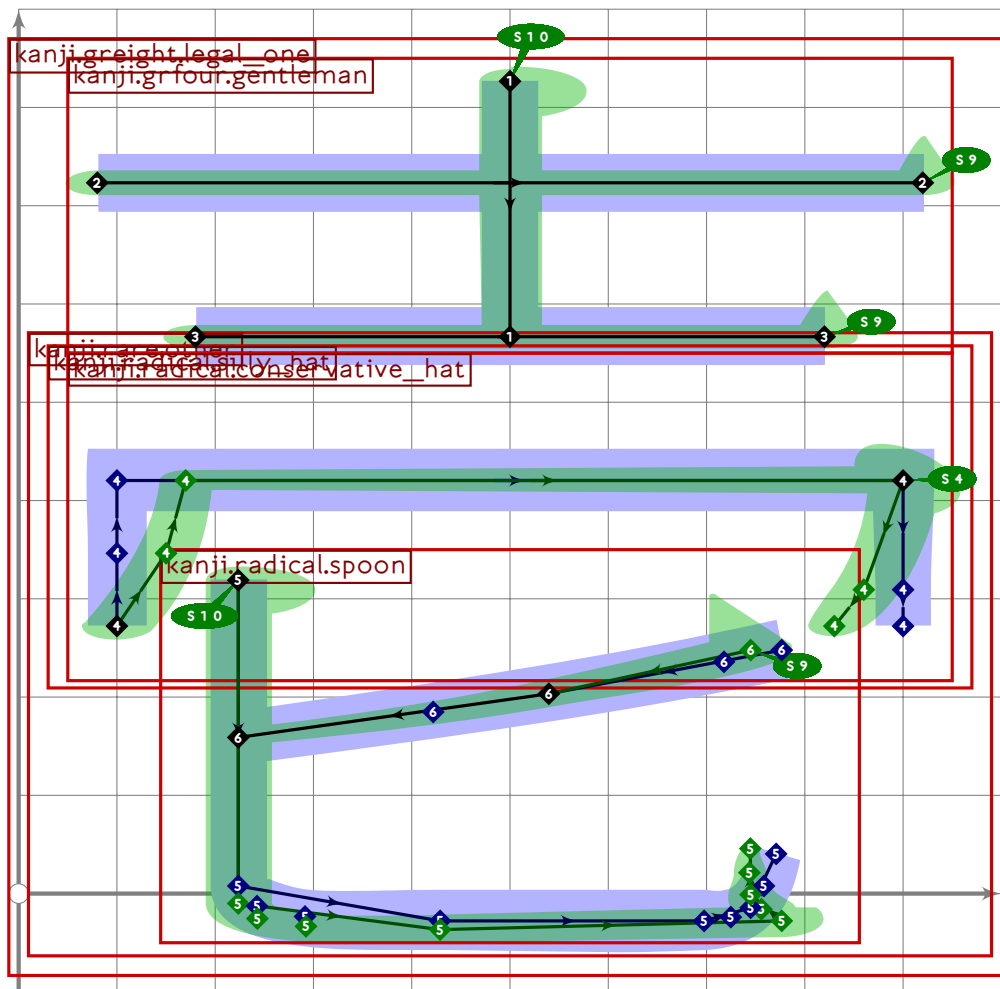
80
81 vardef kanji.grfour.salt =
82   push_pbox_toexpand("kanji.grfour.salt");
83   build_kanji.lr(370,0)
84   (kanji.leftrad.earth)
85   (build_kanji.level(build_kanji.tb(620,150)
86     (kanji.toprad.slash)
87     (build_kanji.tb(420,0)
88       (build_kanji.scale(scaled 0.75 shifted (20,0))
89         (kanji.grone.mouth))
90       (kanji.grthree.dish)))));
91   expand_pbox;
92 enddef;
93
94

```



```

95
96 vardef kanji.grfive.report =
97   push_pbox_toexpand("kanji.grfive.report");
98   build_kanji.level(build_kanji.lr(520,0)
99     (kanji.grthree.blessing)
100     (kanji.rightrad.clothing));
101   expand_pbox;
102 enddef;
103
104
```



```

105
106 vardef kanji.greight.legal_one =
107   push_pbox_toexpand("kanji.greight.legal_one");
108   build_kanji.level(build_kanji.tb(550,0)
109     (kanji.grfour.gentleman)
110     (kanji.rare.other;
111       set_bosize(-3,0)));
112   expand_pbox;
113 enddef;
114
115
116
117 % dou "hall"
118 begintsuglyph("uni5802";2);
119   kanji.grfour.hall;
120   tsu_render;
121 endtsuglyph;
122
123 % hou/muku "report"
124 begintsuglyph("uni5831";49);
125   kanji.grfive.report;

```

[see page 1984]

[see page 1986]

```

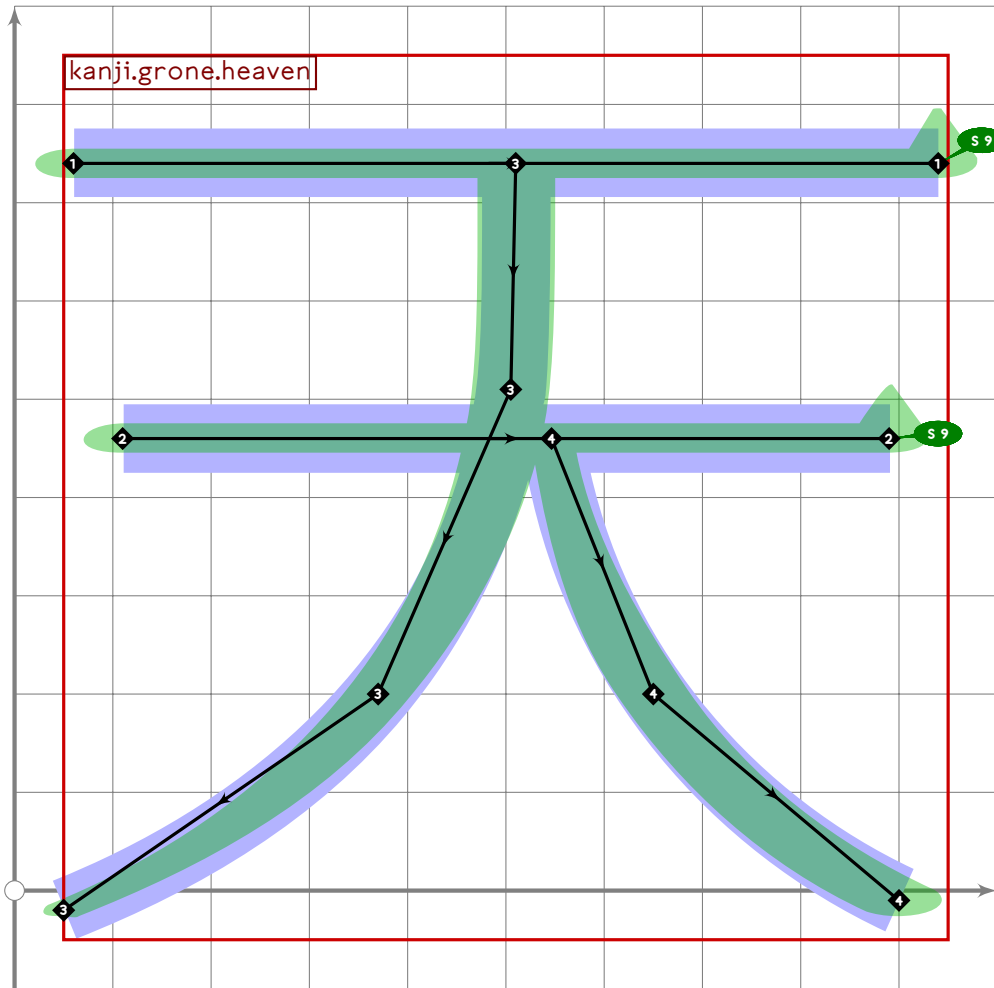
126  tsu_render;
127 endtsuglyph;
128
129 % shou/ba "place"
130 begintsuglyph("uni5834";52); [see page 1982]
131  kanji.grtwo.place;
132  tsu_render;
133 endtsuglyph;
134
135 % en/shio "salt"
136 begintsuglyph("uni5869";105); [see page 1985]
137  kanji.grfour.salt;
138  tsu_render;
139 endtsuglyph;
140
141 % shi "gentleman" ("samurai" radical)
142 begintsuglyph("uni58EB";235); [see page 616]
143  kanji.grfour.gentleman;
144  tsu_render;
145 endtsuglyph;
146
147 % jin/mizunoe "ninth"
148 begintsuglyph("uni58EC";236); [see page 784]
149  kanji.grnine.ninth;
150  tsu_render;
151 endtsuglyph;
152
153 % ichi/hitotsu "one" (formal, also first musical scale degree)
154 begintsuglyph("uni58F1";241); [see page 1987]
155  kanji.greight.legal_one;
156  tsu_render;
157 endtsuglyph;
158
159 % sei/koe "voice"
160 begintsuglyph("uni58F0";240); [see page 1983]
161  kanji.grtwo.voice;
162  tsu_render;
163 endtsuglyph;
164
165 % bai/u "sell"
166 begintsuglyph("uni58F2";242); [see page 541]
167  kanji.grtwo.sell;
168  tsu_render;
169 endtsuglyph;
170
171 % needed for grfour.pleasure
172 begintsuglyph("uni58F4";244); [see page 722]
173  kanji.toprad.pleasure;

```

```
174  tsu_render;  
175  endtsuglyph;  
176  
177  _____  
178  
179  endfont;  
180  
181  _____
```

# tsuku-59.mp

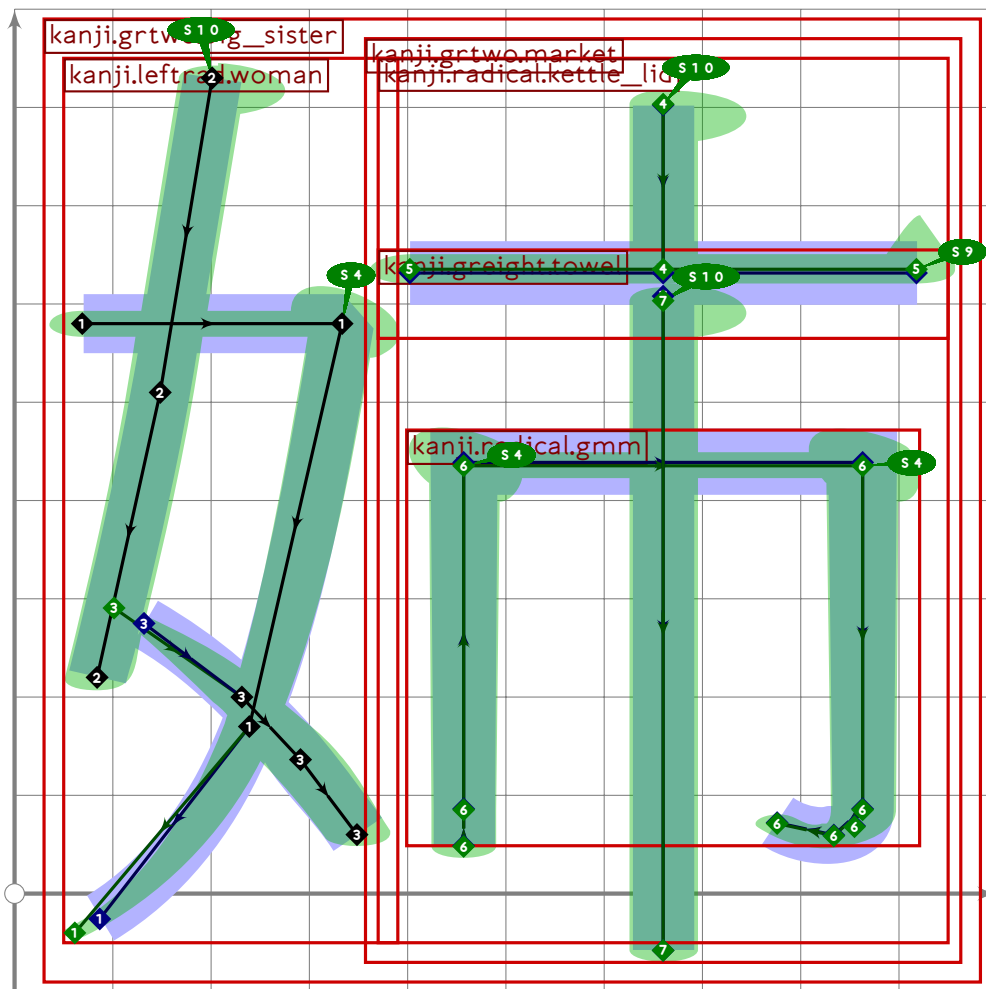
```
1 %
2 % Unicode page 59 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input leftrad.mp;
45 input radical.mp;
46 input rare.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51
```



```

52
53 vardef kanji.grone.heaven =
54   push_pbox_toexpand("kanji.grone.heaven");
55   push_stroke((60,740)–(940,740),(1.6,1.6)–(1.6,1.6));
56   set_boserif(0,1,9);
57   push_stroke((110,460)–(890,460),(1.6,1.6)–(1.6,1.6));
58   set_boserif(0,1,9);
59   push_stroke((510,740){down}..(505,510)..(370,200)..{curl 0.5}(50,-20),
60     (1.6,1.6)–(1.6,1.6)–(1.4,1.4)–(1.1,1.1));
61   push_stroke(((get_stroke(-1) intersectionpoint get_stroke(0))+(50,0))..
62     (650,200)..(900,-10),
63     (1.1,1.1)–(1.5,1.5)–(1.7,1.7));
64   expand_pbox;
65 enddef;
66
67

```

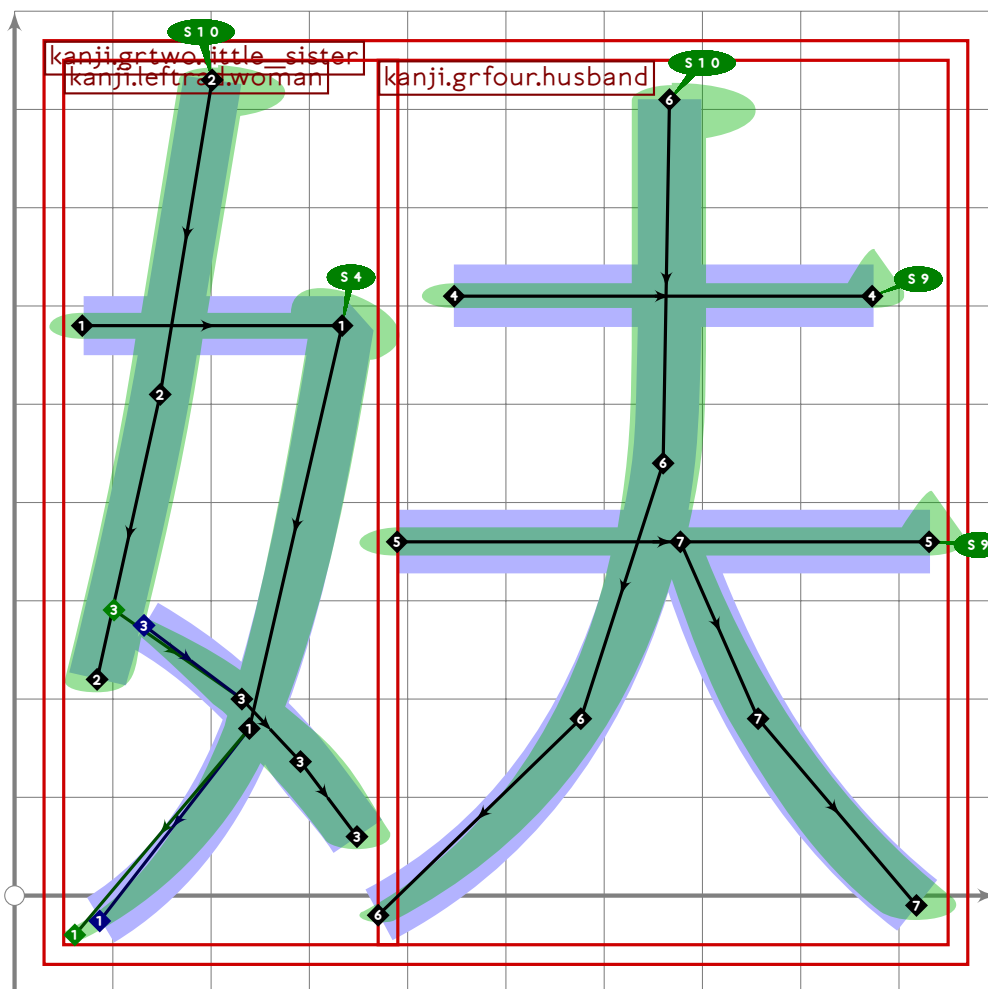


```

68
69 vardef kanji.grtwo.big_sister =
70   push_pbox_toexpand("kanji.grtwo.big_sister");
71   build_kanji.lr(380,20)
72     (kanji.leftrad.woman)
73     (kanji.grtwo.market);
74   expand_pbox;
75 enddef;

```

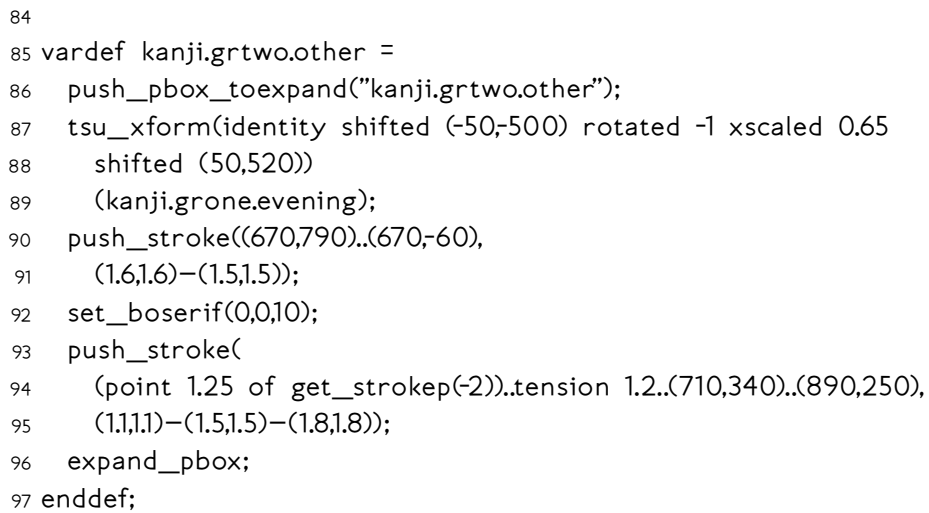


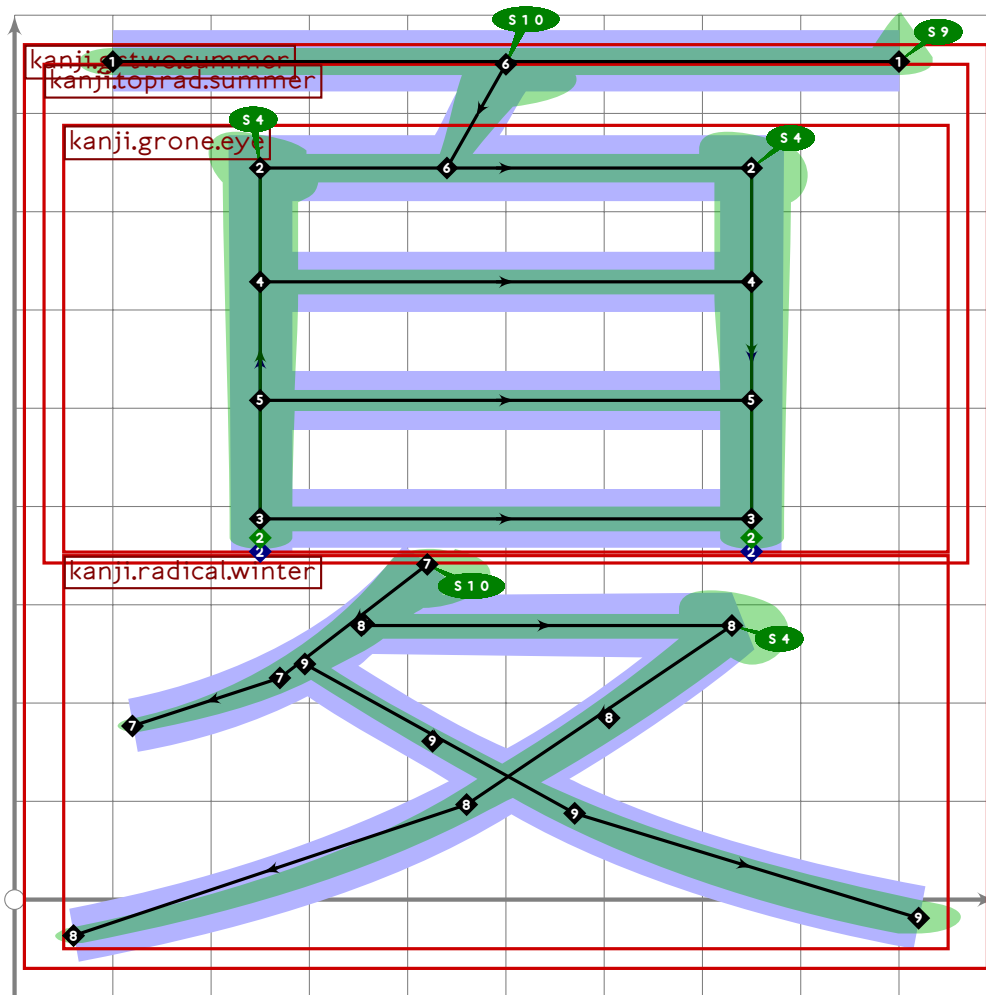


```

76
77 vardef kanji.grtwo.little_sister =
78   push_pbox_toexpand("kanji.grtwo.little_sister");
79   build_kanji.lr(380,20)
80     (kanji.leftrad.woman)
81     (kanji.grfour.husband);
82   expand_pbox;
83 enddef;

```

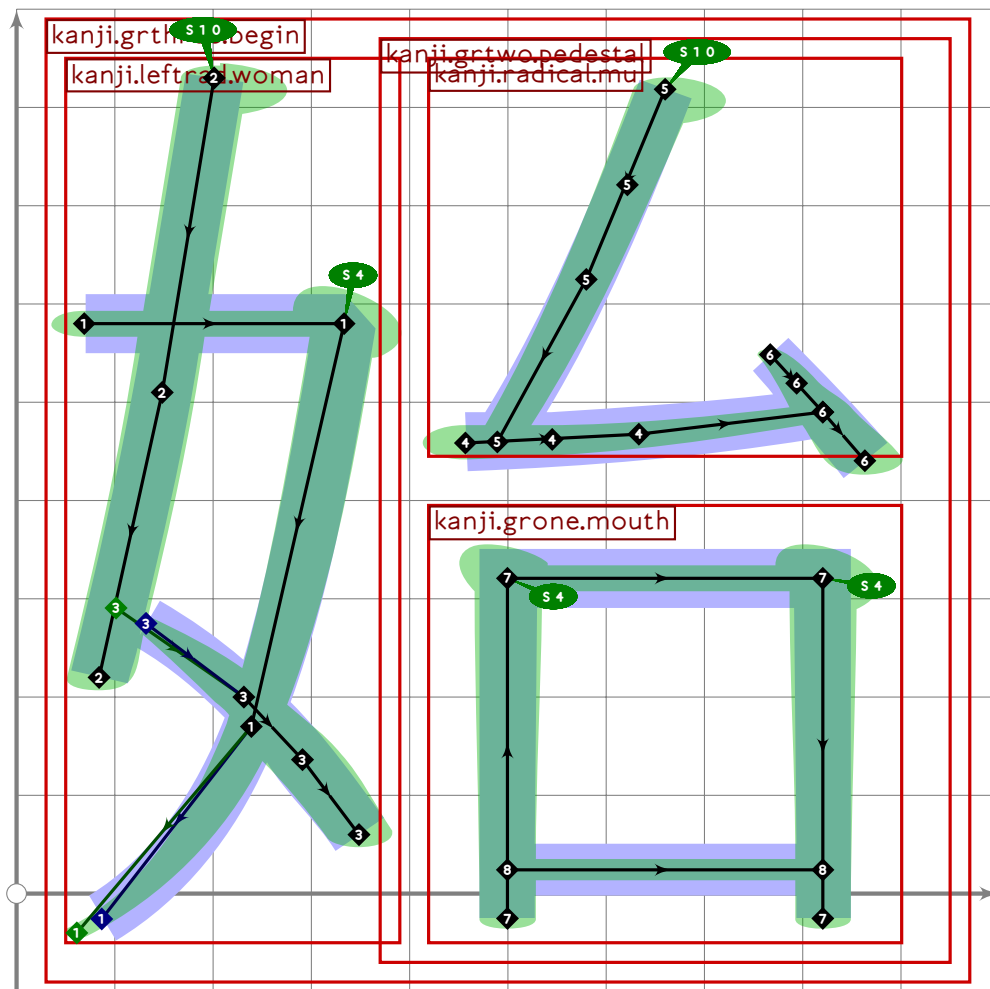




```

98
99 vardef kanji.grtwo.summer =
100   push_pbox_toexpand("kanji.grtwo.summer");
101   build_kanji.level(build_kanji.tb(350,0)
102     (kanji.toprad.summer)
103     (kanji.radical.winter));
104   expand_pbox;
105 enddef;
106
107

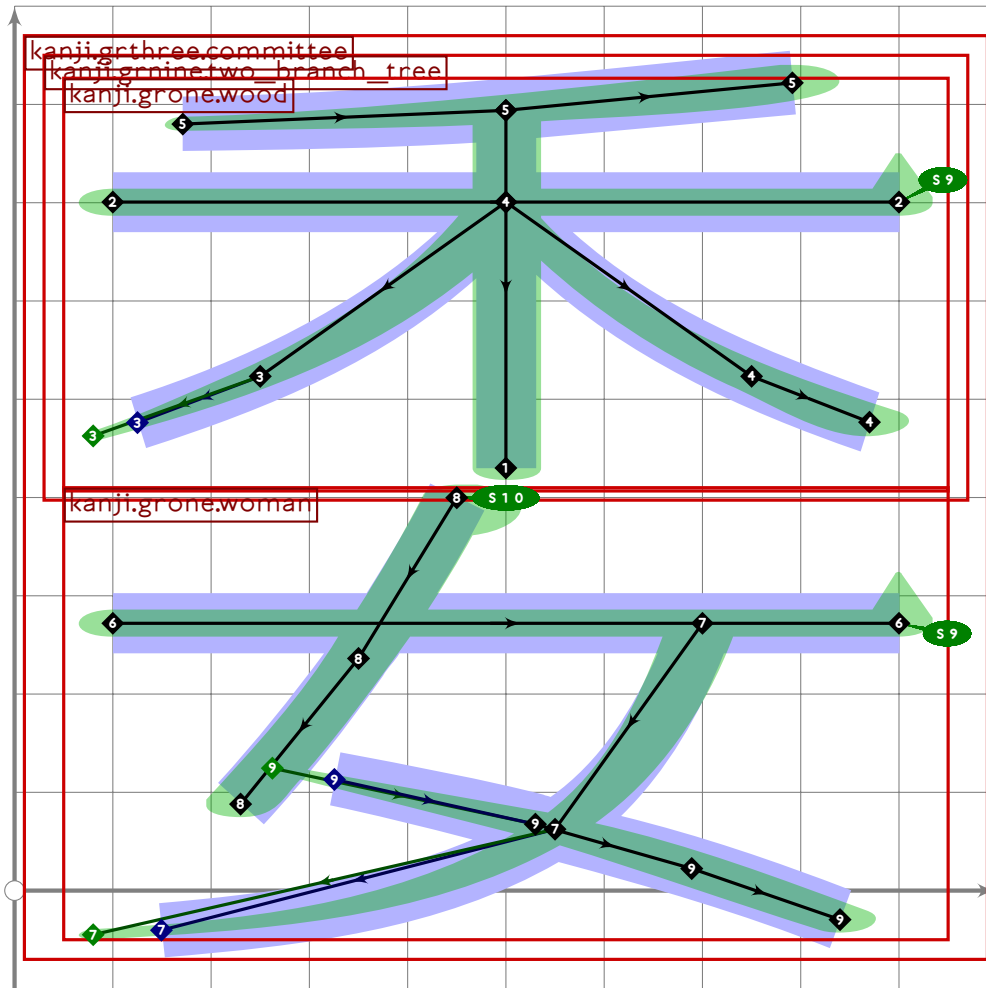
```



```

108
109 vardef kanji.grthree.begin =
110   push_pbox_toexpand("kanji.grthree.begin");
111   build_kanji.lr(380,20)
112     (kanji.leftrad.woman)
113     (kanji.grtwo.pedestal);
114   expand_pbox;
115 enddef;

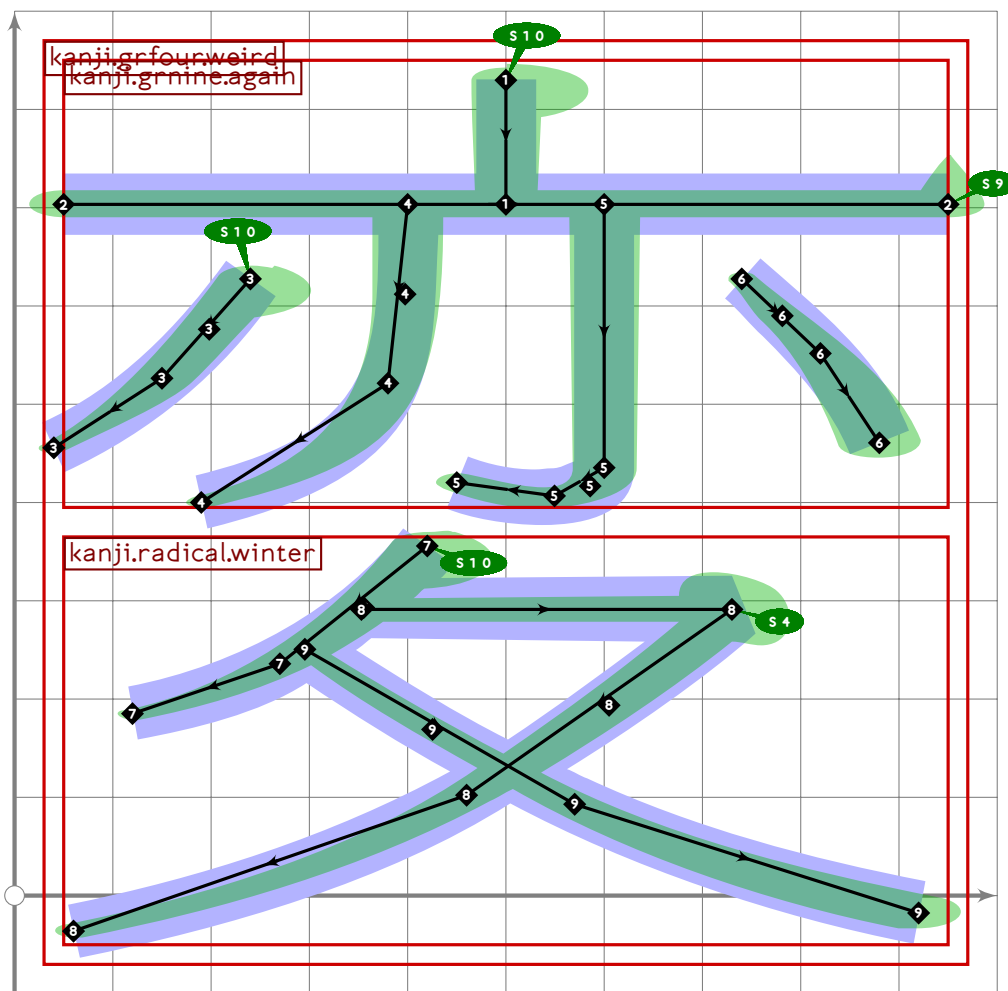
```



```

116
117 vardef kanji.grthree.committee =
118   push_pbox_toexpand("kanji.grthree.committee");
119   build_kanji.tb(420,-20)
120     (kanji.grnine.two_branch_tree)
121     (kanji.grone.woman);
122   expand_pbox;
123 enddef;
124
125

```

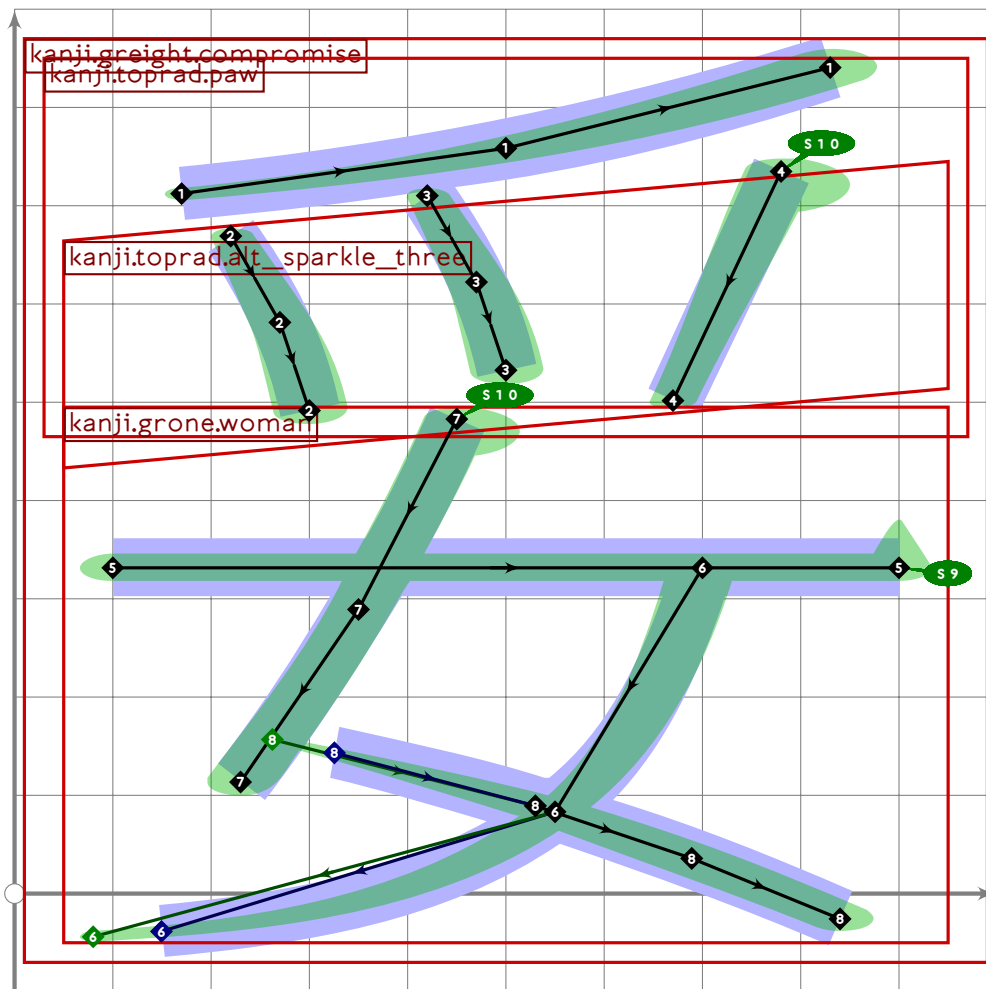


59

```

126
127 vardef kanji.grfourweird =
128   push_pbox_toexpand("kanji.grfourweird");
129   build_kanji.level(build_kanji.tb(380,30)
130     (kanji.grnine.again)
131     (kanji.radical.winter));
132   expand_pbox;
133 enddef;
134
135

```



```

136
137 vardef kanji.greight.compromise =
138   push_pbox_toexpand("kanji.greight.compromise");
139   build_kanji.level(build_kanji.tb(480,30)
140     (kanji.toprad.paw)
141     (kanji.grone.woman));
142   expand_pbox;
143 enddef;
144
145
146
147 % chi/shuu "winter radical"
148 beginsuglyph("uni5902";2);
149   kanji.radical.winter;
150   tsu_render;
151 endtsuglyph;
152
153 % hen/ka "weird"
154 beginsuglyph("uni5909";9);
155   kanji.grfour.weird;
156   tsu_render;

```

[see page 714]

[see page 1998]

```

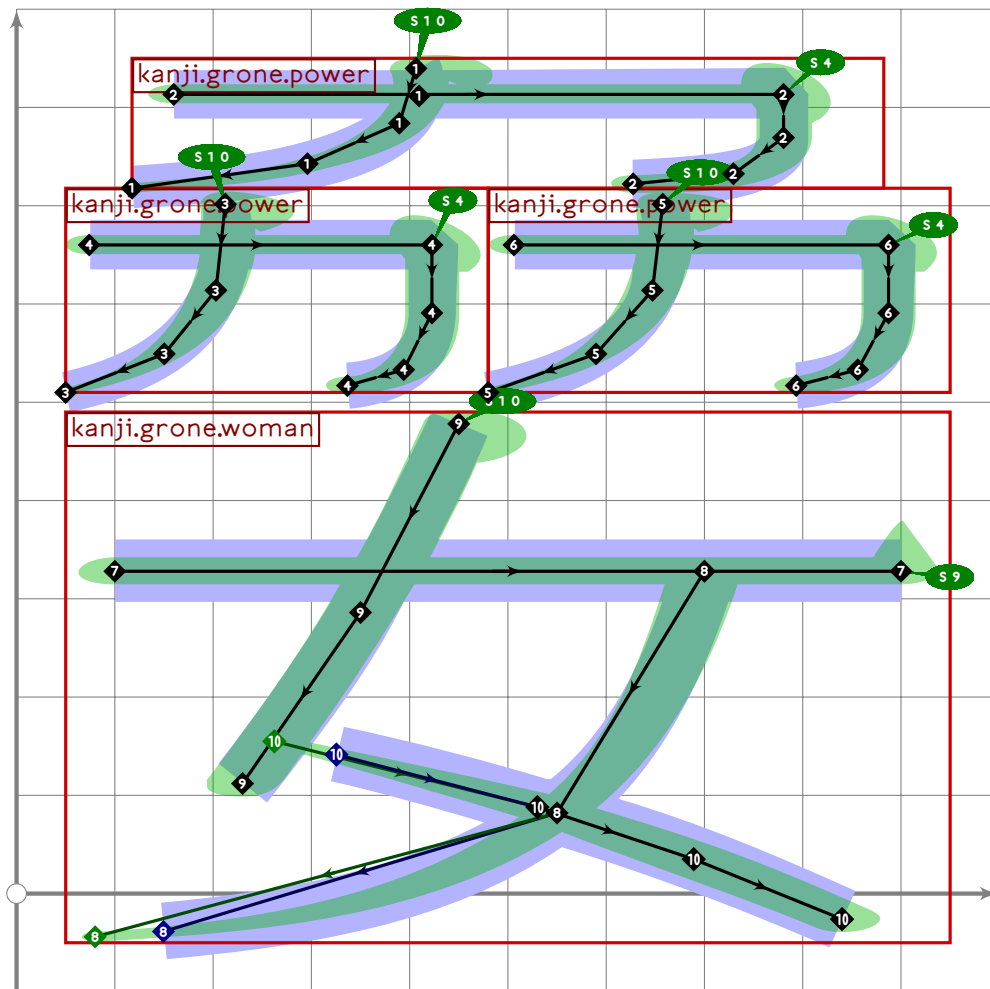
157 endtsuglyph;
158
159 % ka/natsu "summer"
160 begintsuglyph("uni590F";15); [see page 1995]
161   kanji.grtwo.summer;
162   tsu_render;
163 endtsuglyph;
164
165 % yuu/seki "evening"
166 begintsuglyph("uni5915";21); [see page 430]
167   kanji.grone.evening;
168   tsu_render;
169 endtsuglyph;
170
171 % gai/hoka "except"
172 begintsuglyph("uni5916";22); [see page 1994]
173   kanji.grtwo.other;
174   tsu_render;
175 endtsuglyph;
176
177 % ta/oo "many"
178 begintsuglyph("uni591A";26); [see page 518]
179   kanji.grtwo.many;
180   tsu_render;
181 endtsuglyph;
182
183 % ya/yoru "evening"
184 begintsuglyph("uni591C";28); [see page 496]
185   kanji.grtwo.evening;
186   tsu_render;
187 endtsuglyph;
188
189 % dai/oo "big"
190 begintsuglyph("uni5927";39); [see page 416]
191   kanji.grone.big;
192   tsu_render;
193 endtsuglyph;
194
195 % ten "heaven"
196 begintsuglyph("uni5929";41); [see page 1991]
197   kanji.grone.heaven;
198   tsu_render;
199 endtsuglyph;
200
201 % tai/futo "thick"
202 begintsuglyph("uni592A";42); [see page 546]
203   kanji.grtwo.thick;
204   tsu_render;

```



205 endtsuglyph;  
 206  
 207 % fu/otto "husband"  
 208 begintsuglyph("uni592B";43); [see page 621]  
 209 kanji.grfour.husband;  
 210 tsu\_render;  
 211 endtsuglyph;  
 212  
 213 % rare, but needed to build more common glyphs  
 214 begintsuglyph("uni592C";44); [see page 810]  
 215 kanji.rare.decide;  
 216 tsu\_render;  
 217 endtsuglyph;  
 218  
 219 % rare, but needed to build more common glyphs  
 220 begintsuglyph("uni592D";45); [see page 816]  
 221 kanji.rare.early\_death;  
 222 tsu\_render;  
 223 endtsuglyph;  
 224  
 225 % ou "centre"  
 226 begintsuglyph("uni592E";46); [see page 560]  
 227 kanji.grthree.centre;  
 228 tsu\_render;  
 229 endtsuglyph;  
 230  
 231 % shitsu/ushina "disappear"  
 232 begintsuglyph("uni5931";49); [see page 610]  
 233 kanji.grfour.disappear;  
 234 tsu\_render;  
 235 endtsuglyph;  
 236  
 237 % en/oo "suffocate"  
 238 begintsuglyph("uni5944";68); [see page 792]  
 239 kanji.grnine.suffocate;  
 240 tsu\_render;  
 241 endtsuglyph;  
 242  
 243 % ki/ku "strange"  
 244 begintsuglyph("uni5947";71); [see page 764]  
 245 kanji.greight.strange;  
 246 tsu\_render;  
 247 endtsuglyph;  
 248  
 249 % jo/onna "woman"  
 250 begintsuglyph("uni5973";115); [see page 479]  
 251 kanji.grone.woman;  
 252 tsu\_render;

253 endtsuglyph;  
 254  
 255 % me/yatsu "guy"  
 256 begintsuglyph("uni5974";116); [see page 743]  
 257 kanji.greight.guy;  
 258 tsu\_render;  
 259 endtsuglyph;  
 260  
 261 % kou/su "fancy" (British sense)  
 262 begintsuglyph("uni597D";125); [see page 614]  
 263 kanji.grfour.fancy;  
 264 tsu\_render;  
 265 endtsuglyph;  
 266  
 267 % da/yasu "compromise"  
 268 begintsuglyph("uni59A5";165); [see page 1999]  
 269 kanji.greight.compromise;  
 270 tsu\_render;  
 271 endtsuglyph;  
 272  
 273 % mai/imouto "younger sister"  
 274 begintsuglyph("uni59B9";185); [see page 1993]  
 275 kanji.grtwo.little\_sister;  
 276 tsu\_render;  
 277 endtsuglyph;  
 278  
 279 % nee as in oneesan "elder sister"  
 280 begintsuglyph("uni59C9";201); [see page 1992]  
 281 kanji.grtwo.big\_sister;  
 282 tsu\_render;  
 283 endtsuglyph;  
 284  
 285 % shi/haji "begin"  
 286 begintsuglyph("uni59CB";203); [see page 1996]  
 287 kanji.grthree.begin;  
 288 tsu\_render;  
 289 endtsuglyph;  
 290  
 291 % i/yuda "committee"  
 292 begintsuglyph("uni59D4";212); [see page 1997]  
 293 kanji.grthree.committee;  
 294 tsu\_render;  
 295 endtsuglyph;  
 296



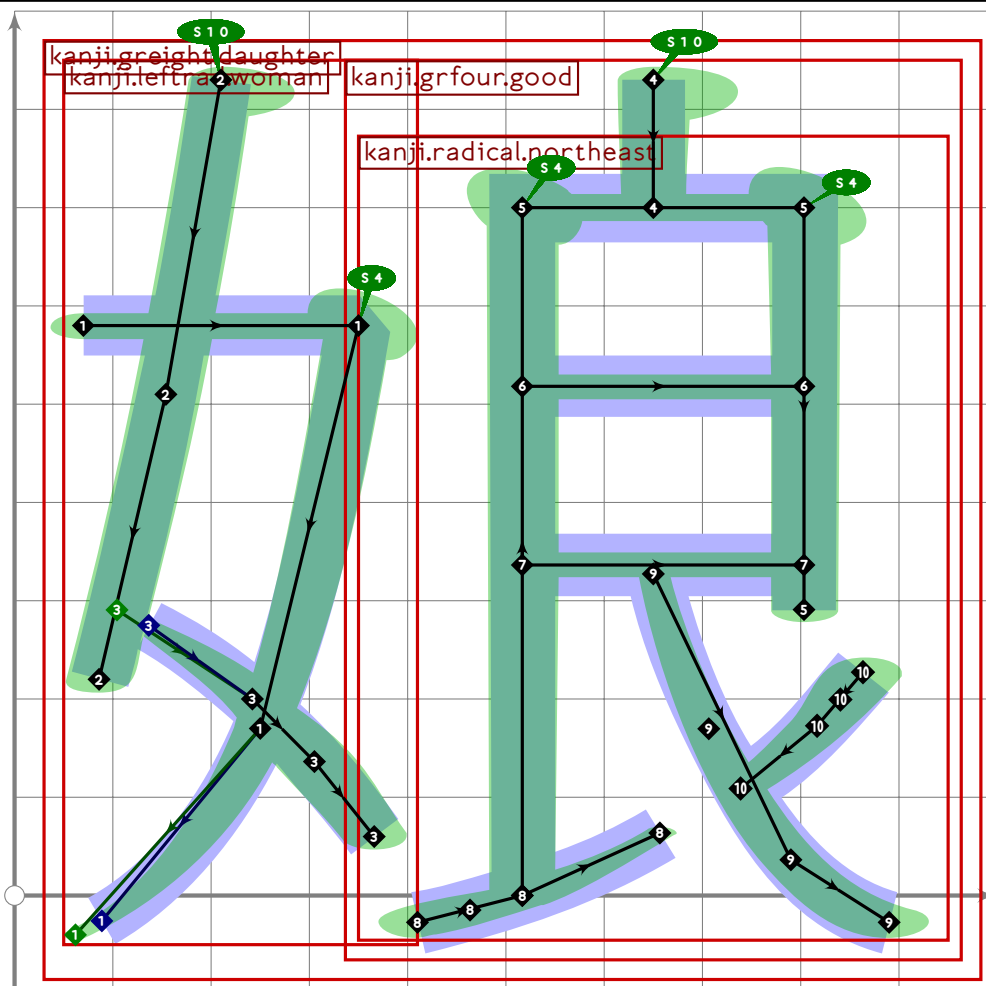
```

297 % extra
298 begintsuglyph("uni59ED";237);
299   build_kanji.tb(500;20)
300     (build_kanji.tricluster(0.85)
301       (kanji.grone.power)
302       (kanji.grone.power)
303       (kanji.grone.power))
304     (kanji.grone.woman);
305   tsu_render;
306 endtsuglyph;
307
308 -----
309
310 endfont;
311
312 -----

```

## tsuku-5a.mp

```
1 %  
2 % Unicode page 5A (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 leftrad.mp;  
39 input radical.mp;  
40  
41 do_late_includes;  
42  
43 _____
```



5A

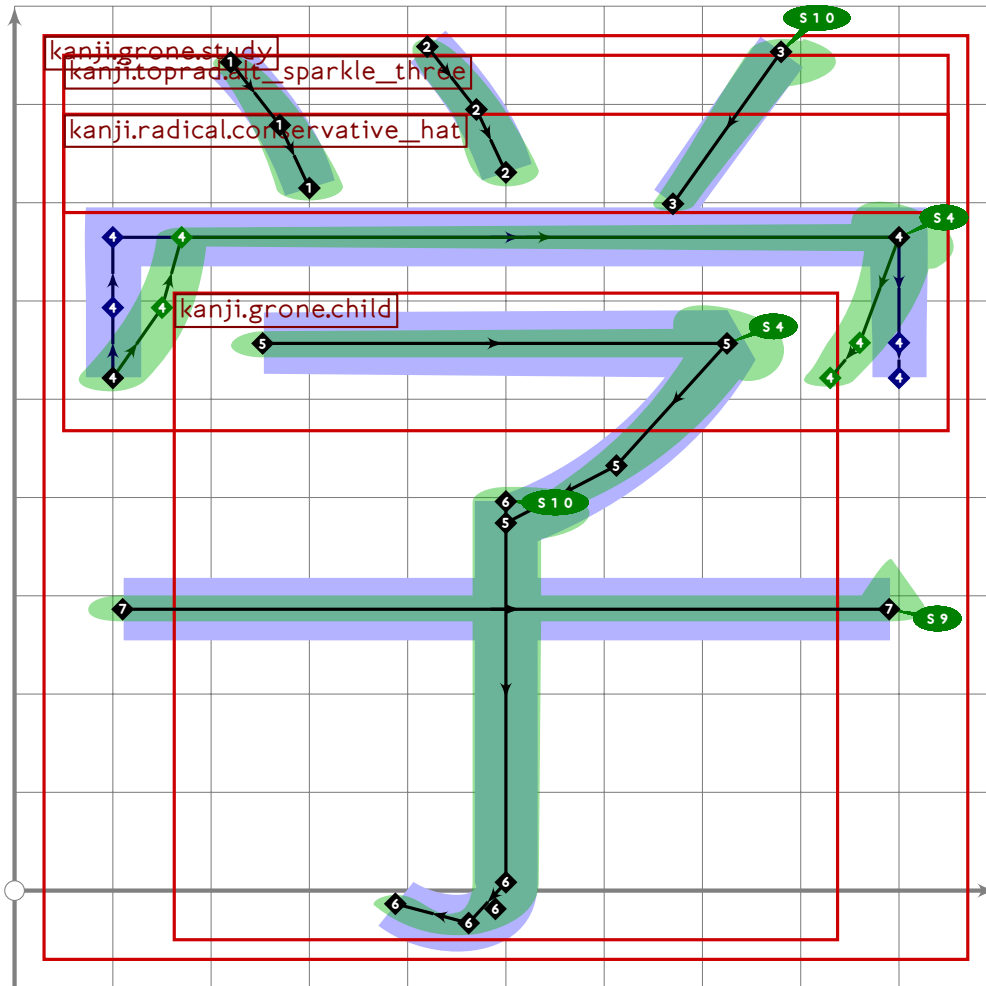
```

44
45 vardef kanji.greight.daughter =
46   push_pbox_toexpand("kanji.greight.daughter");
47   build_kanji.lr(380,60)
48     (kanji.leftrad.woman)
49     (kanji.grfour.good);
50   expand_pbox;
51 enddef;
52
53 _____
54
55 % chi/shuu "winter radical"
56 begintsuglyph("uni5A18";24); [see page 2005]
57   kanji.greight.daughter;
58   tsu_render;
59 endtsuglyph;
60
61 _____
62
63 endfont;
64
65 _____

```

# tsuku-5b.mp

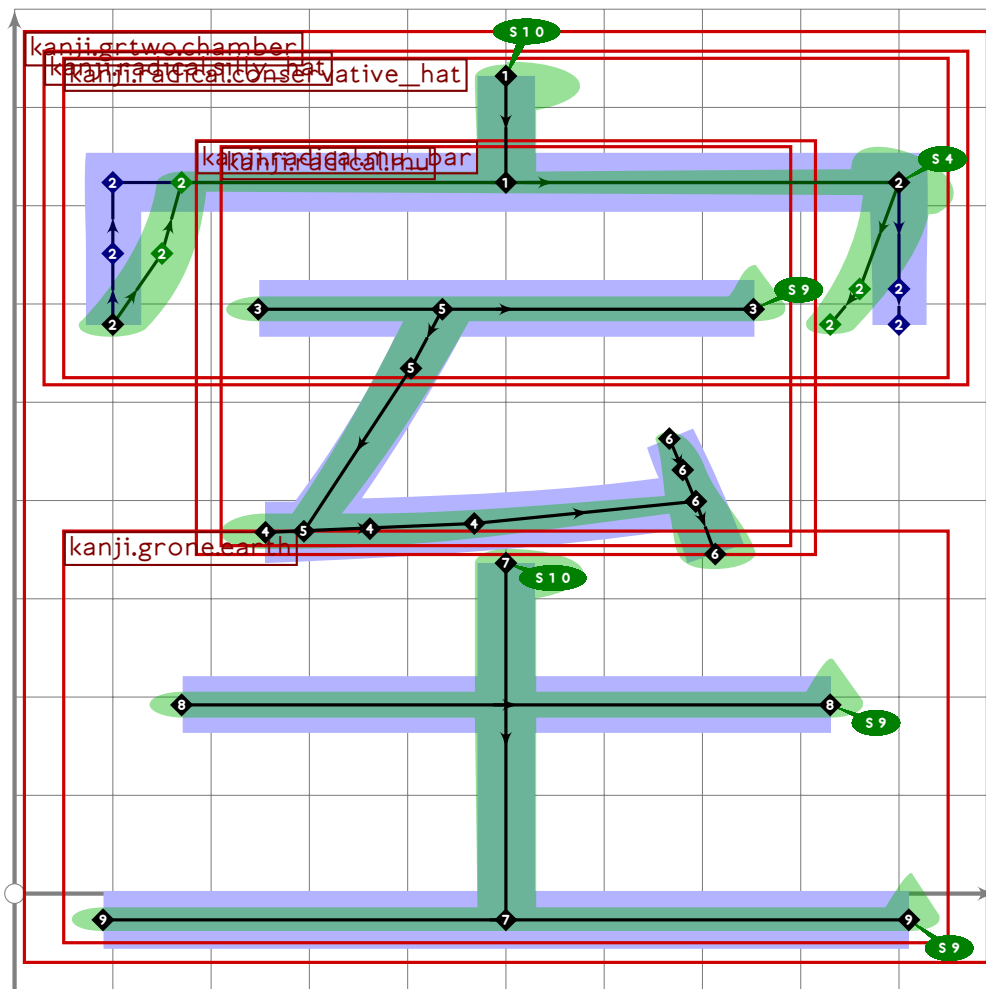
```
1 %
2 % Unicode page 5B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradesix.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52
```



```

53
54 vardef kanji.grone.study =
55   push_pbox_toexpand("kanji.grone.study");
56   begingroup
57     save saved_path;
58     path saved_path;
59     build_kanji.tb(740,100)
60       (kanji.toprad.alt_sparkle_three)
61       (build_kanji.tb(580,150)
62         (kanji.radical.conservative_hat)
63         (build_kanji.sscale(xscaled 0.75)
64           (kanji.grone.child;saved_path:=get_strokep(0));
65           replace_strokep(0)(saved_path)));
66   endgroup;
67   expand_pbox;
68 enddef;
69
70

```

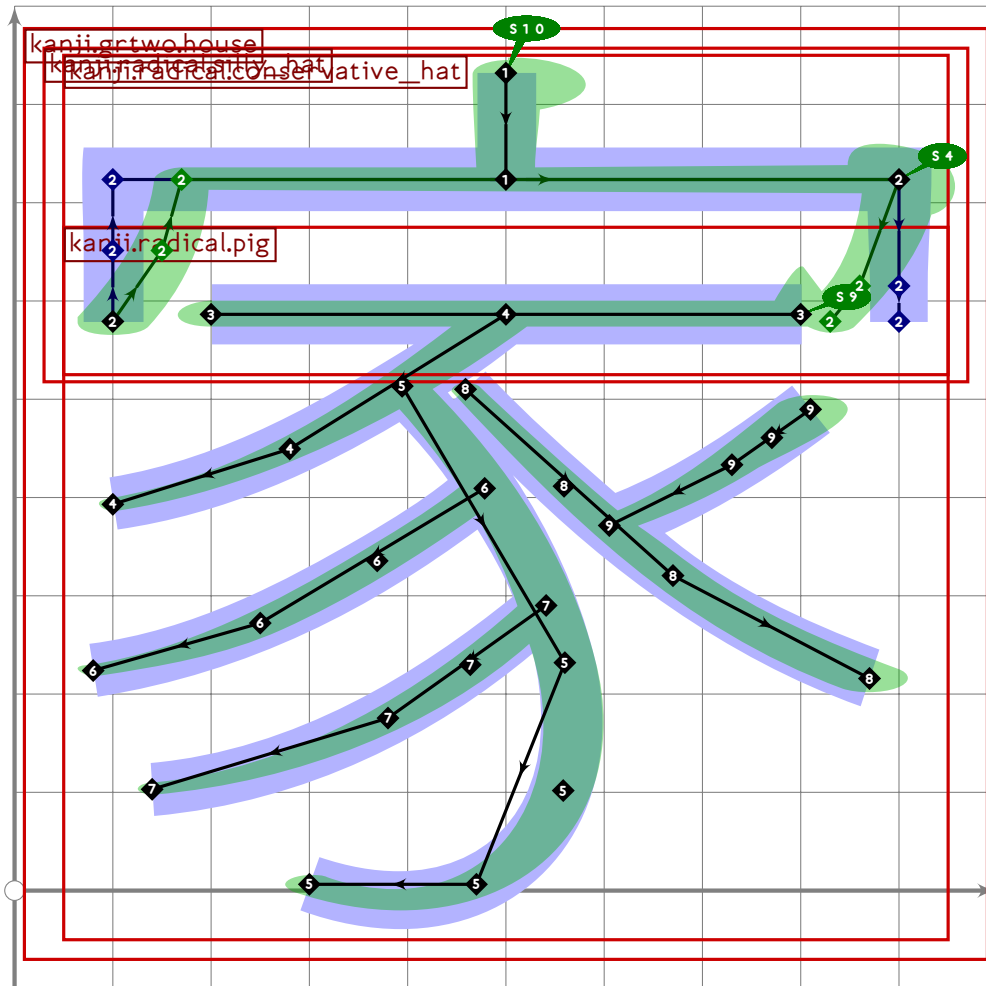


```

71
72 vardef kanji.grtwo.chamber =
73   push_pbox_toexpand("kanji.grtwo.chamber");
74   build_kanji.tb(600,150)
75     (kanji.radical.silly_hat)
76     (build_kanji.level(build_kanji.tb(420,100)
77       (build_kanji.sscale(scaled 0.7)(kanji.radical.mu_bar))
78       (kanji.grone.earth)));
79   expand_pbox;
80 enddef;

```



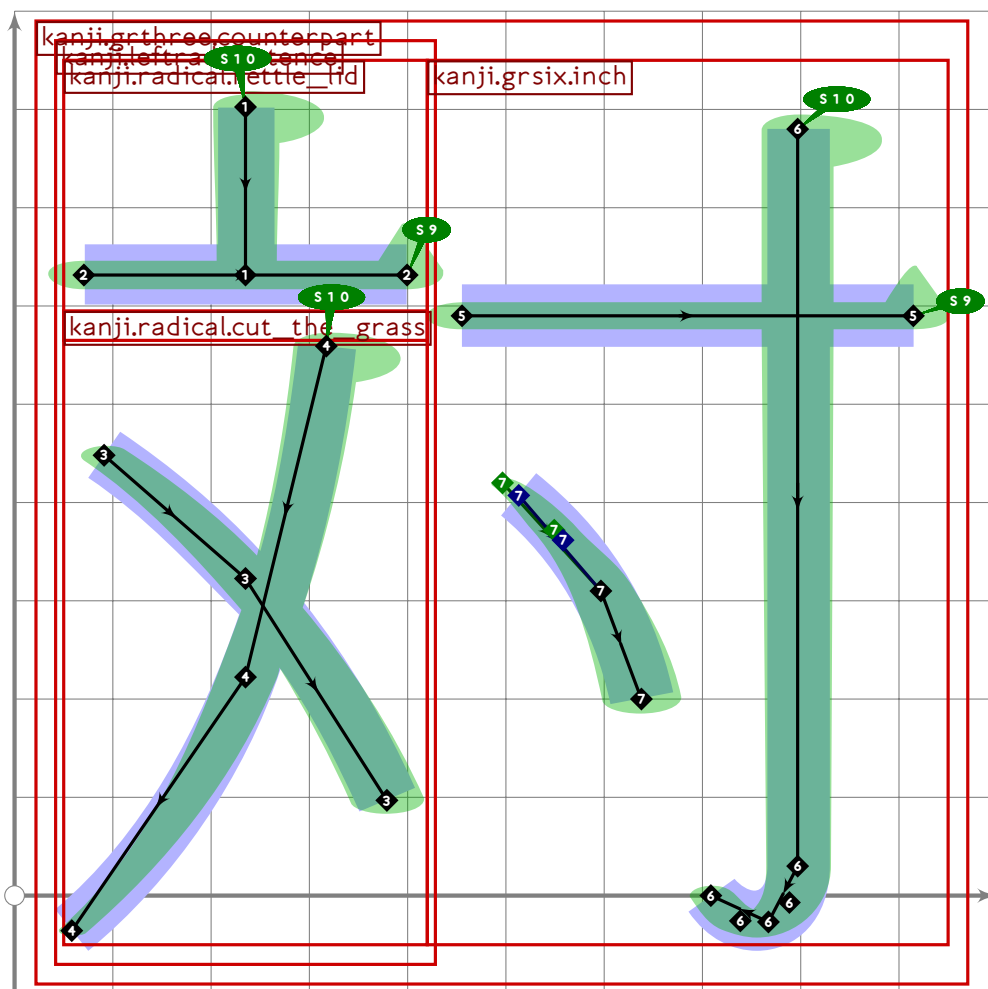


```

81
82 vardef kanji.grtwo.house =
83   push_pbox_toexpand("kanji.grtwo.house");
84   build_kanji.level(build_kanji.tb(600,150)
85     (kanji.radical.silly_hat)
86     (kanji.radical.pig));
87   expand_pbox;
88 enddef;
89
90

```

U+5BFE  
tsuku.uni5BFE

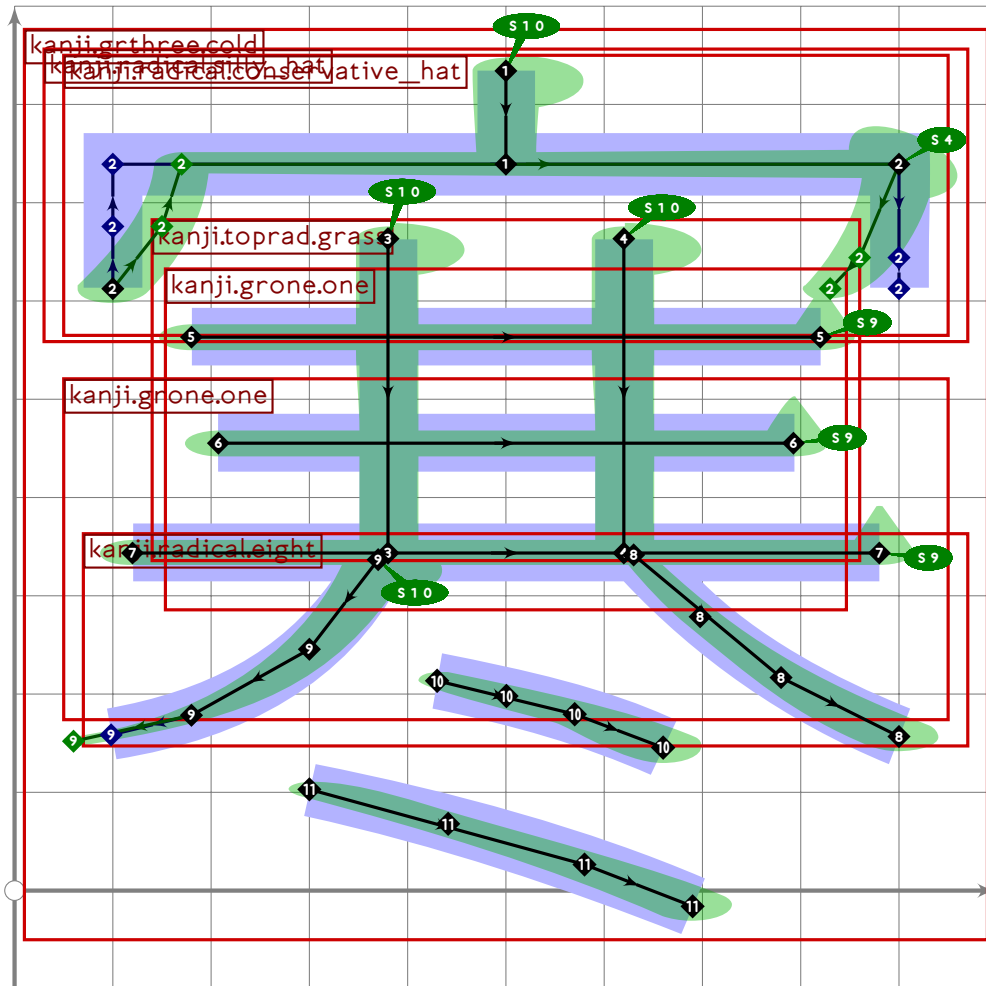


```

91
92 vardef kanji.grthree.counterpart =
93   push_pbox_toexpand("kanji.grthree.counterpart");
94   build_kanji.lr(420,0)
95     (kanji.leftrad.sentence)
96     (kanji.grsix.inch);
97   expand_pbox;
98 enddef;

```

5B

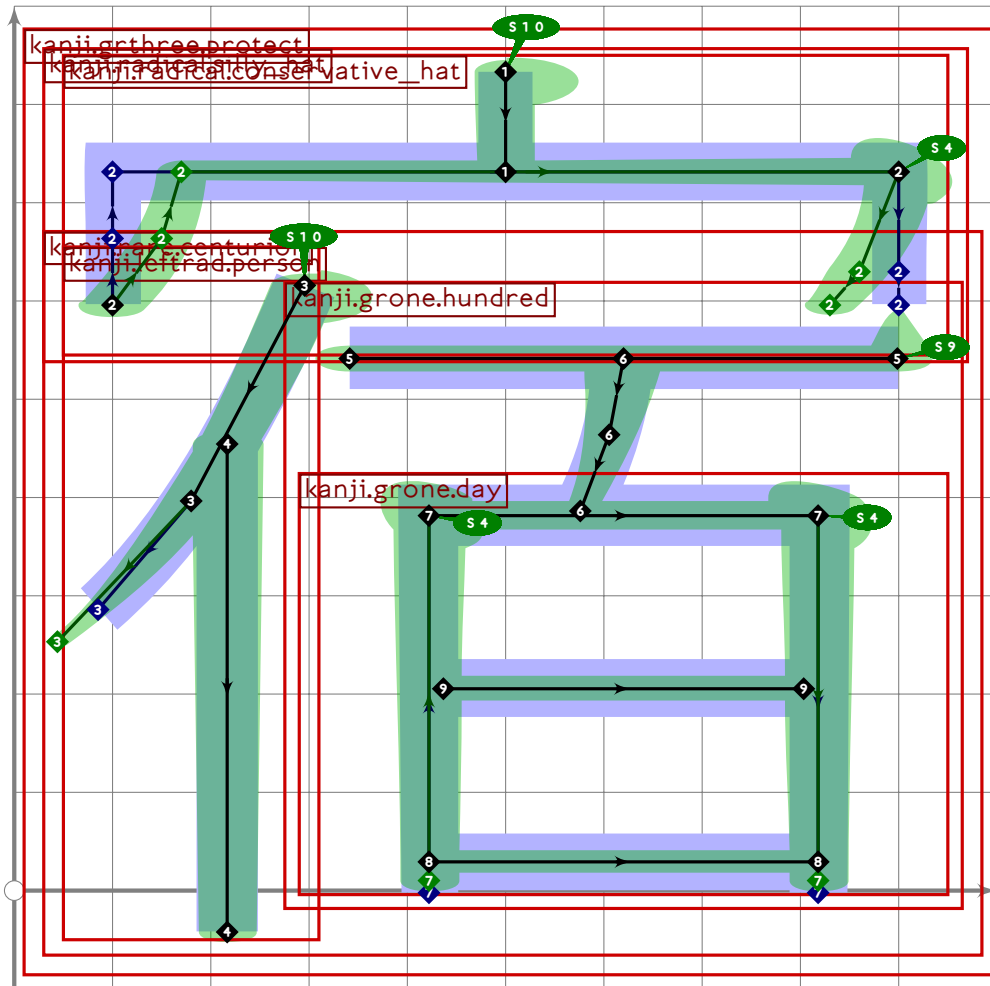


```

99
100 vardef kanji.grthree.cold =
101   push_pbox_toexpand("kanji.grthree.cold");
102   build_kanji.level(build_kanji.tb(640,150)
103     (kanji.radical.silly_hat)
104     (build_kanji.sscale(yscaled 0.7 shifted (0,100))
105       (build_kanji.tb(290,46)
106         (build_kanji.sscale(xscaled 0.8)(kanji.toprad.grass);
107           replace_stroke(0)(oldp shifted (0,140));
108           build_kanji.sscale(xscaled 0.77 shifted (0,-130))(kanji.grone.one);
109             tsu_xform(identity shifted (0,-420))(kanji.grone.one))
110             (tsu_xform(identity shifted (20,0))(kanji.radical.eight)));
111       push_stroke((430,260)..tension 1.2..(570,220)..(660,180),
112         (1.2,1.2)-(1.5,1.5)-(1.8,1.8));
113       push_stroke((300,130)..tension 1.2..(580,40)..(690,-10),
114         (1.2,1.2)-(1.5,1.5)-(1.8,1.8)));
115     expand_pbox;
116   enddef;

```

U+5BBF  
tsuku.uni5BBF

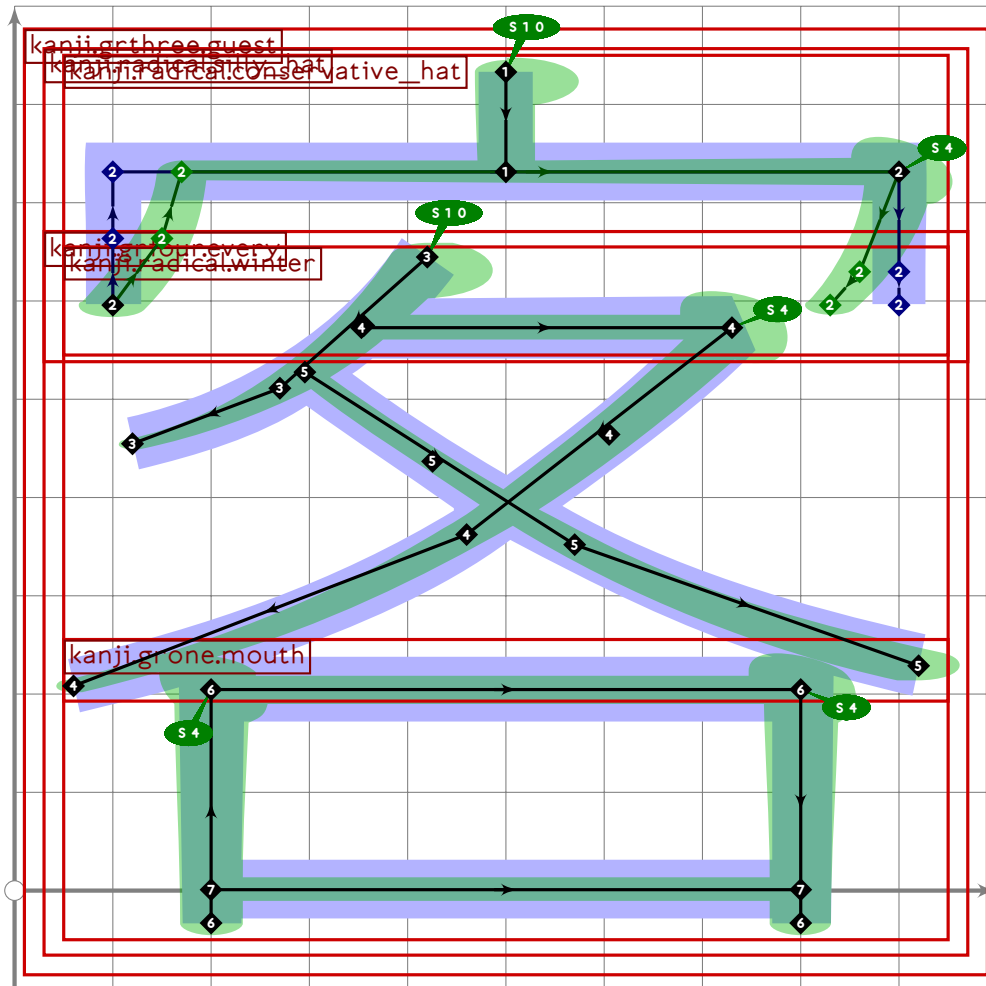


```

117
118 vardef kanji.grthree.inn =
119   push_pbox_toexpand("kanji.grthree.protect");
120   build_kanji.tb(600,110)
121     (kanji.radical.silly_hat)
122     (kanji.rare.centurion);
123   expand_pbox;
124 enddef;

```

5B

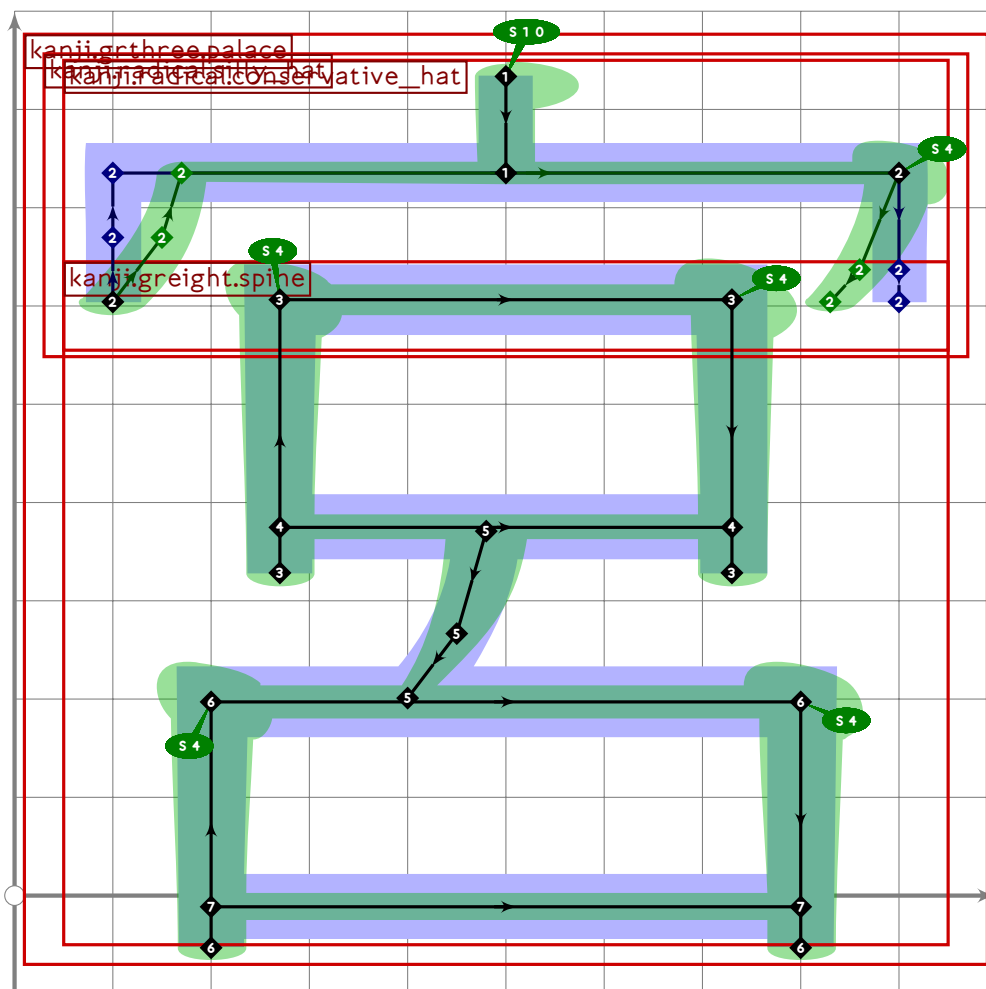


```

125
126 vardef kanji.grthree.guest =
127   push_pbox_toexpand("kanji.grthree.guest");
128   build_kanji.tb(600,110)
129     (kanji.radical.silly_hat)
130     (kanji.grfour.every);
131   expand_pbox;
132 enddef;

```

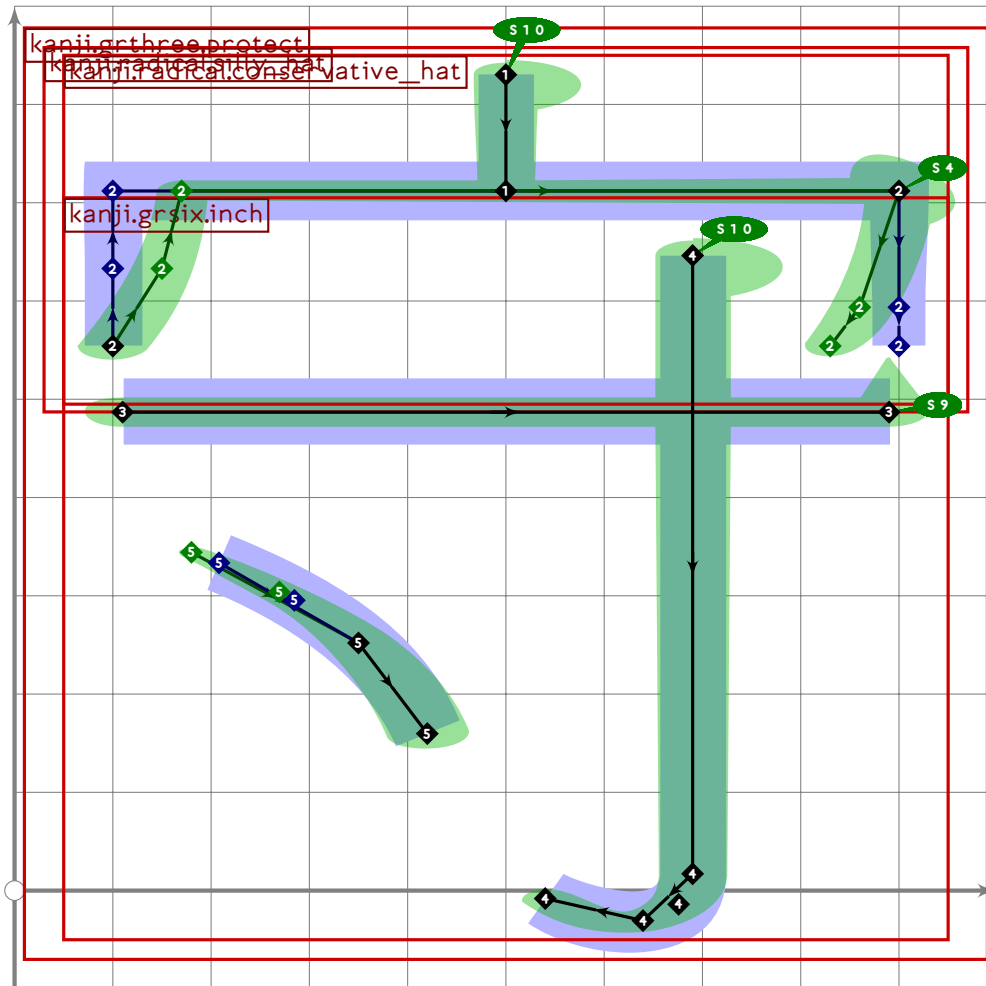
U+5BAE  
tsuku.uni5BAE



```

133
134 vardef kanji.grthree.palace =
135   push_pbox_toexpand("kanji.grthree.palace");
136   build_kanji.tb(600,90)
137     (kanji.radical.silly_hat)
138     (kanji.greight.spine);
139   expand_pbox;
140 enddef;

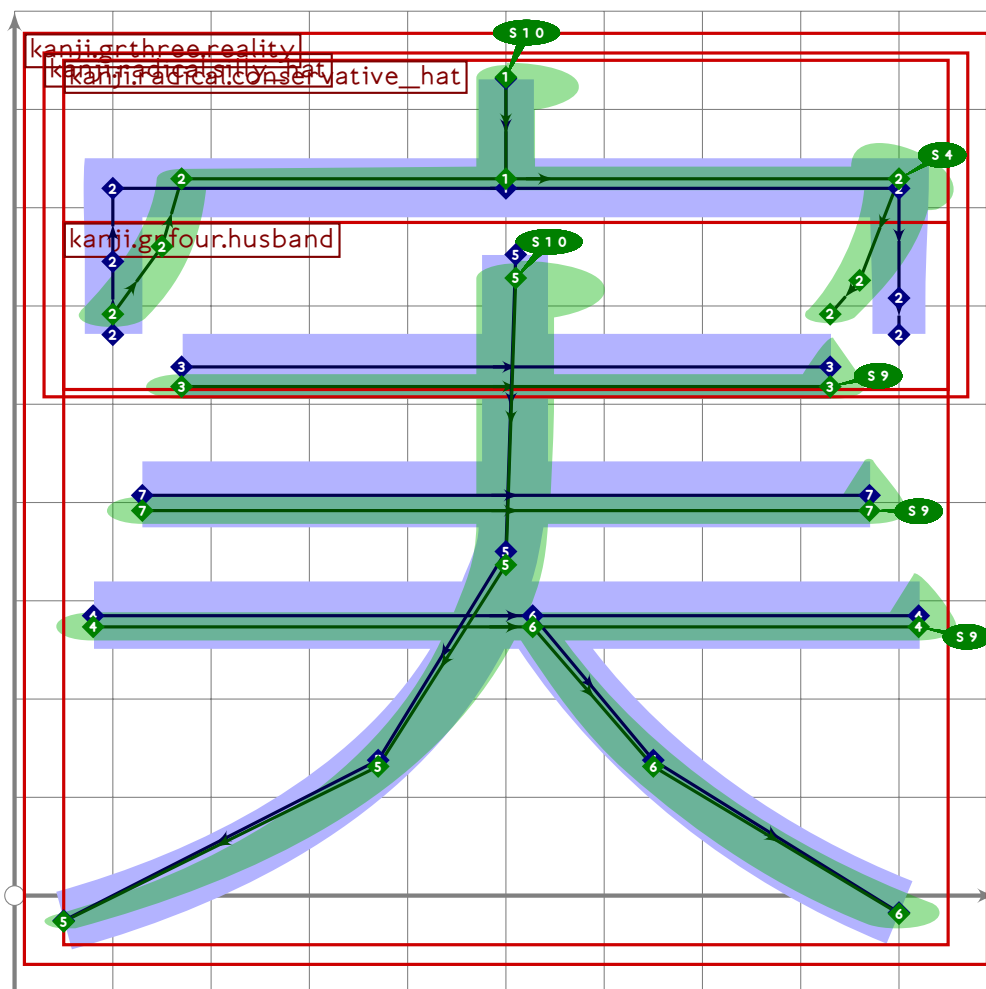
```



```

141
142 vardef kanji.grthree.protect =
143   push_pbox_toexpand("kanji.grthree.protect");
144   build_kanji.tb(600,210)
145     (kanji.radical.silly_hat)
146     (kanji.grsix.inch);
147   expand_pbox;
148 enddef;

```

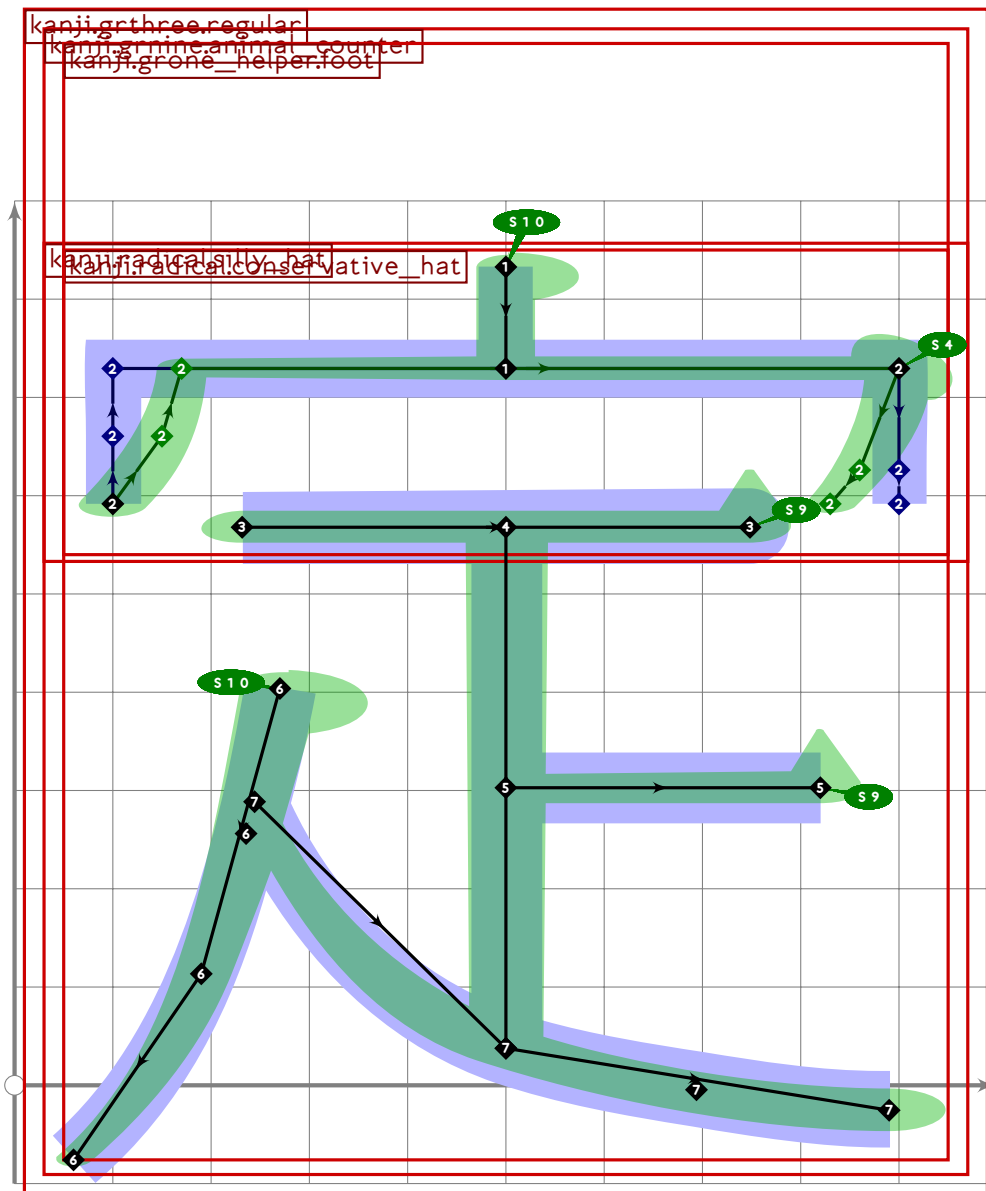


```

149
150 vardef kanji.grthree.reality =
151   push_pbox_toexpand("kanji.grthree.reality");
152   build_kanji.tb(600,170-50*mincho)
153     (kanji.radical.silly_hat)
154     (kanji.grfour.husband;
155       replace_stroke(-3)(oldp shifted (0,60));
156       push_stroke((130,510)-(870,510),
157         (1.55,1.55)-(1.55,1.55));
158       set_boserif(0,19));
159   expand_pbox;
160 enddef;

```



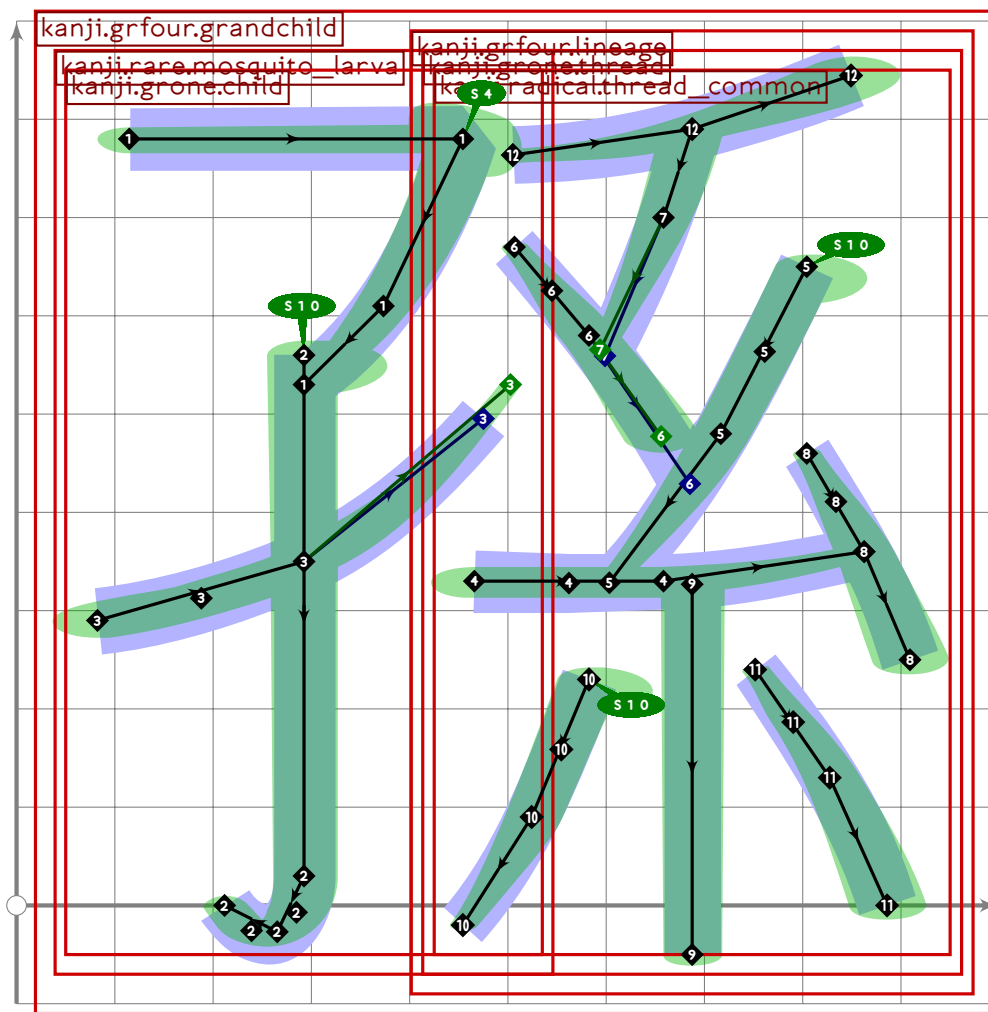


```

161
162 vardef kanji.grthree.regular =
163   push_pbox_toexpand("kanji.grthree.regular");
164   build_kanji.tb(580,80)
165     (kanji.radical.silly_hat)
166     (kanji.grnine.animal_counter;
167       replace_stroke(-4)(subpath (0,12,0.88) of oldp);
168       replace_stroke(-4)((1.6,1.6)-(1.6,1.6));
169       set_boserif(-4,1,9));
170   expand_pbox;
171 enddef;
172
173

```

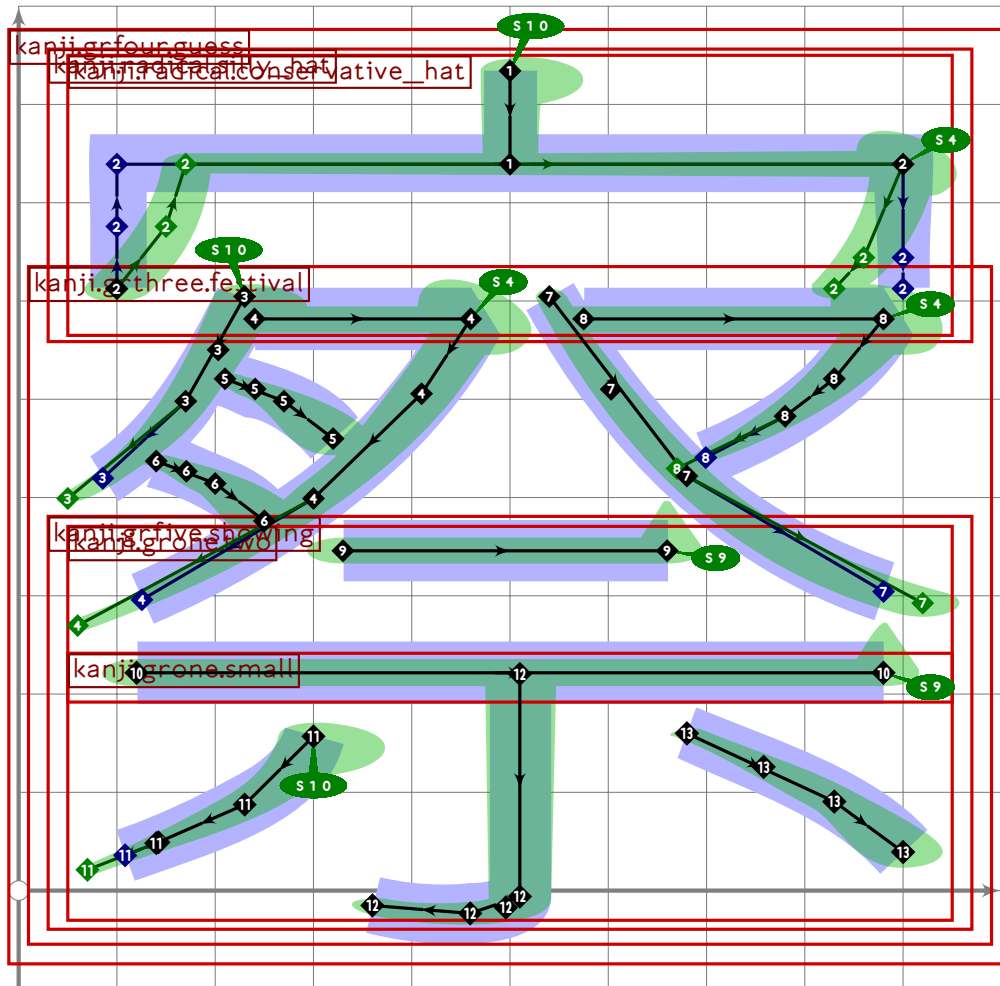
U+5B6B  
tsuku.uni5B6B



```

174
175 vardef kanji.grfour.grandchild =
176   push_pbox_toexpand("kanji.grfour.grandchild");
177   build_kanji.lr(480,110)
178     (kanji.rare.mosquito_larva)
179     (kanji.grfour.lineage);
180   expand_pbox;
181 enddef;

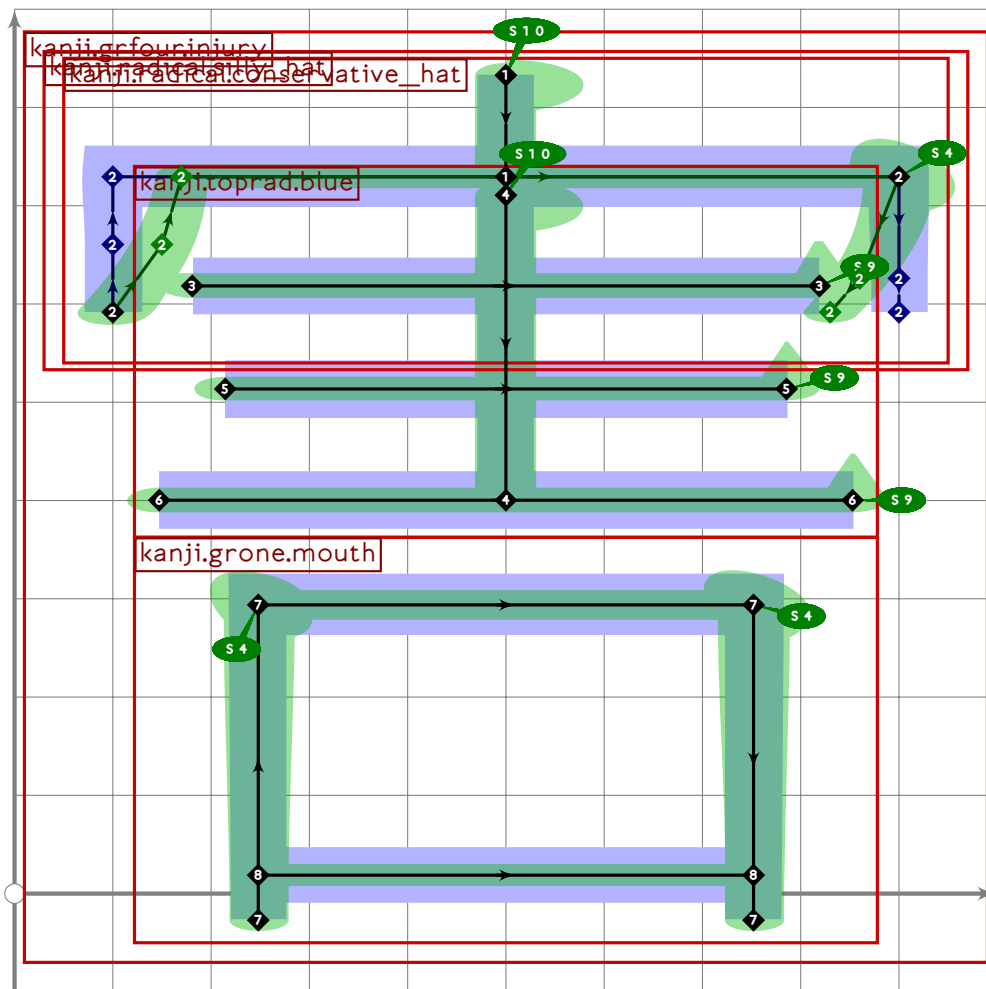
```



```

182
183 vardef kanji.grfour.guess =
184   push_pbox_toexpand("kanji.grfour.guess");
185   build_kanji.tb(600,70)
186     (kanji.radical.silly_hat)
187     (kanji.grthree.festival);
188   expand_pbox;
189 enddef;

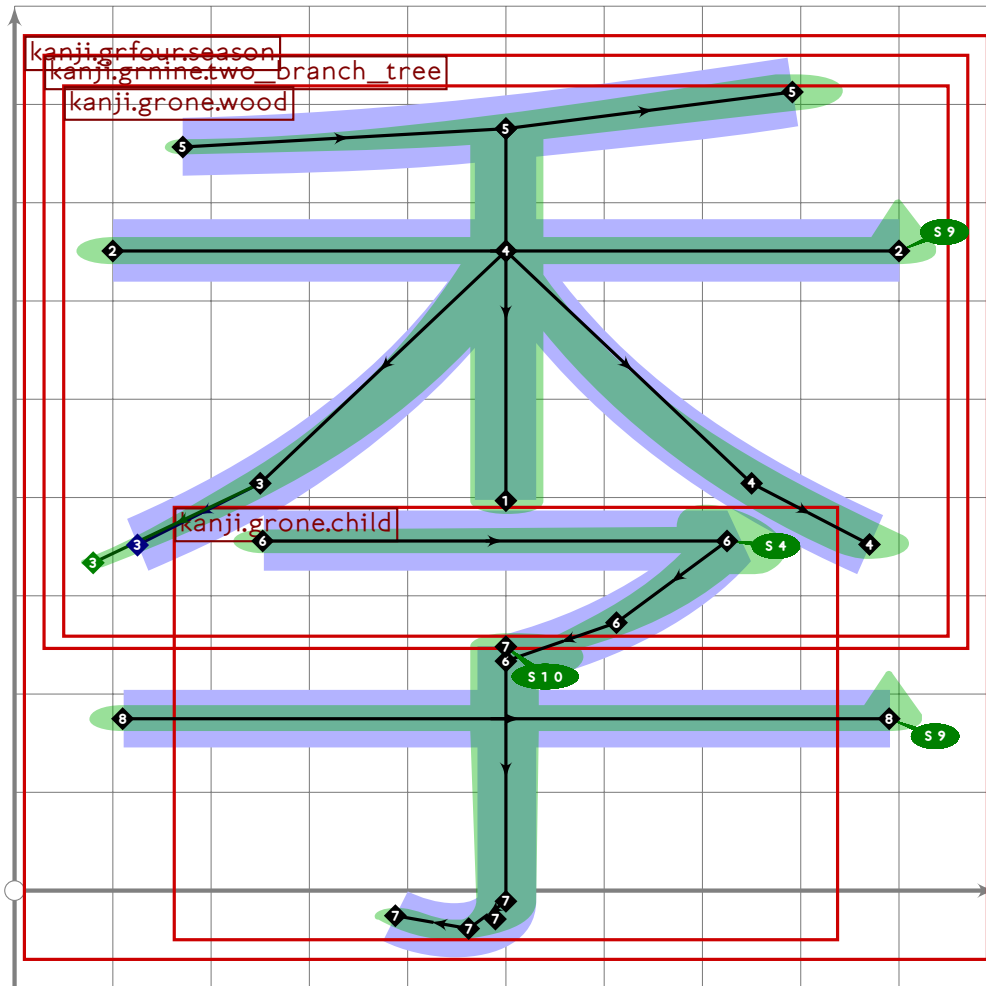
```



```

190
191 vardef kanji.grfour.injury =
192   push_pbox_toexpand("kanji.grfour.injury");
193   build_kanji.level(build_kanji.tb(640,200)
194     (kanji.radical.silly_hat)
195     (build_kanji.sscale(xscaled 0.84)(build_kanji.tb(420,0)
196       (kanji.toprad.blue)
197       (kanji.grone.mouth)))));
198   expand_pbox;
199 enddef;

```

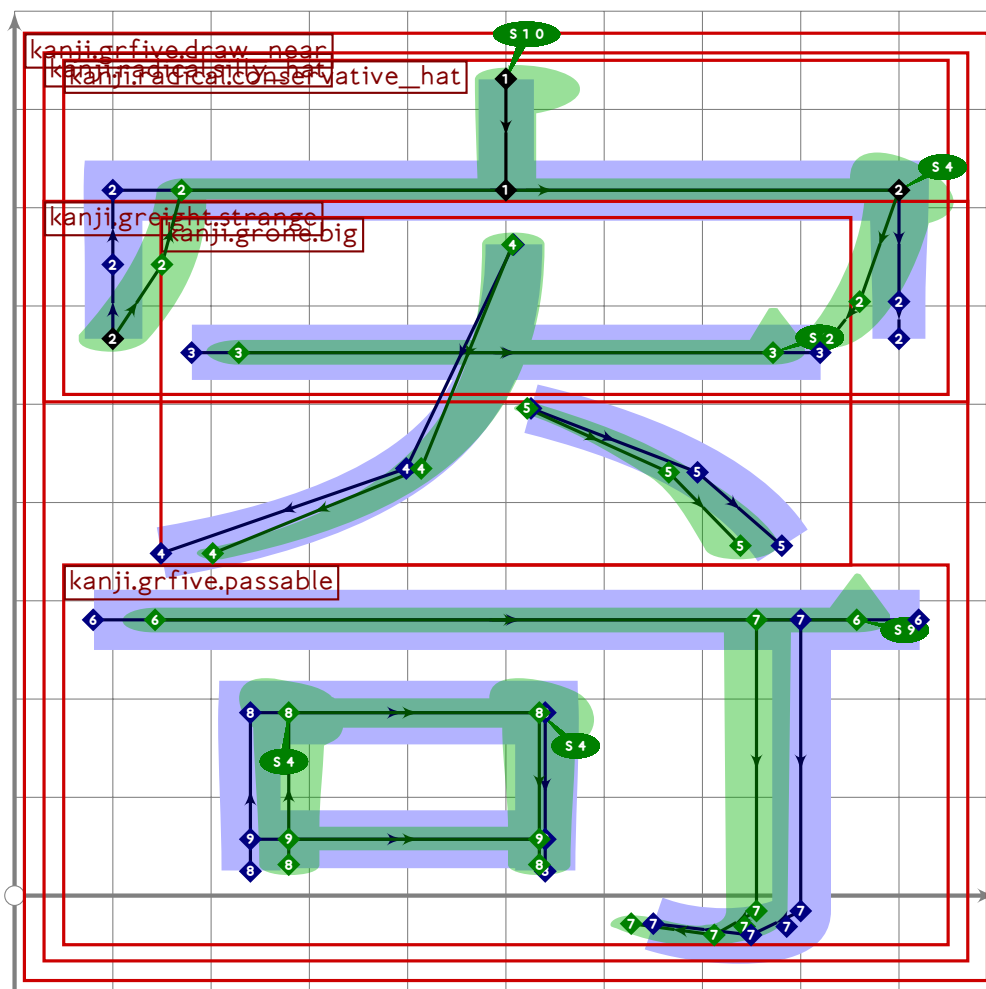


```

200
201 vardef kanji.grfour.season =
202   push_pbox_toexpand("kanji.grfour.season");
203   build_kanji.tb(340,100)
204   (kanji.grnine.two_branch_tree;
205     replace_stroke(-4)(subpath (0,0.78) of oldp))
206   (path charsvp;
207     build_kanji.sscale(xscaled 0.75)
208     (kanji.grone.child;
209       charsvp:=get_stroke(0));
210     replace_stroke(0)(charsvp));
211   expand_pbox;
212 enddef;
213
214

```

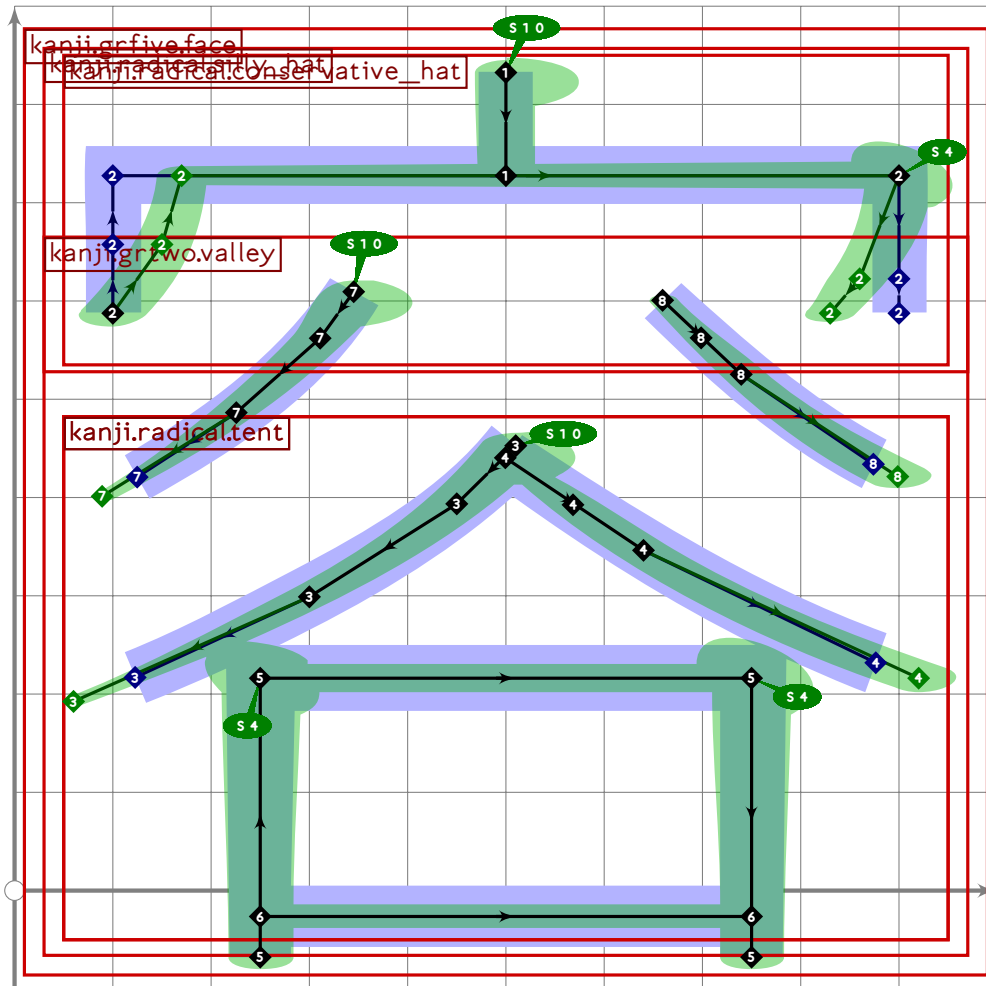
U+5BC4  
tsuku.uni5BC4



```

215
216 vardef kanji.grfive.draw_near =
217   push_pbox_toexpand("kanji.grfive.draw_near");
218   build_kanji.tb(600,180)
219     (kanji.radical.silly_hat)
220     (build_kanji.sscale(xscaled (1-0.15*mincho))(kanji.greight.strange));
221   expand_pbox;
222 enddef;

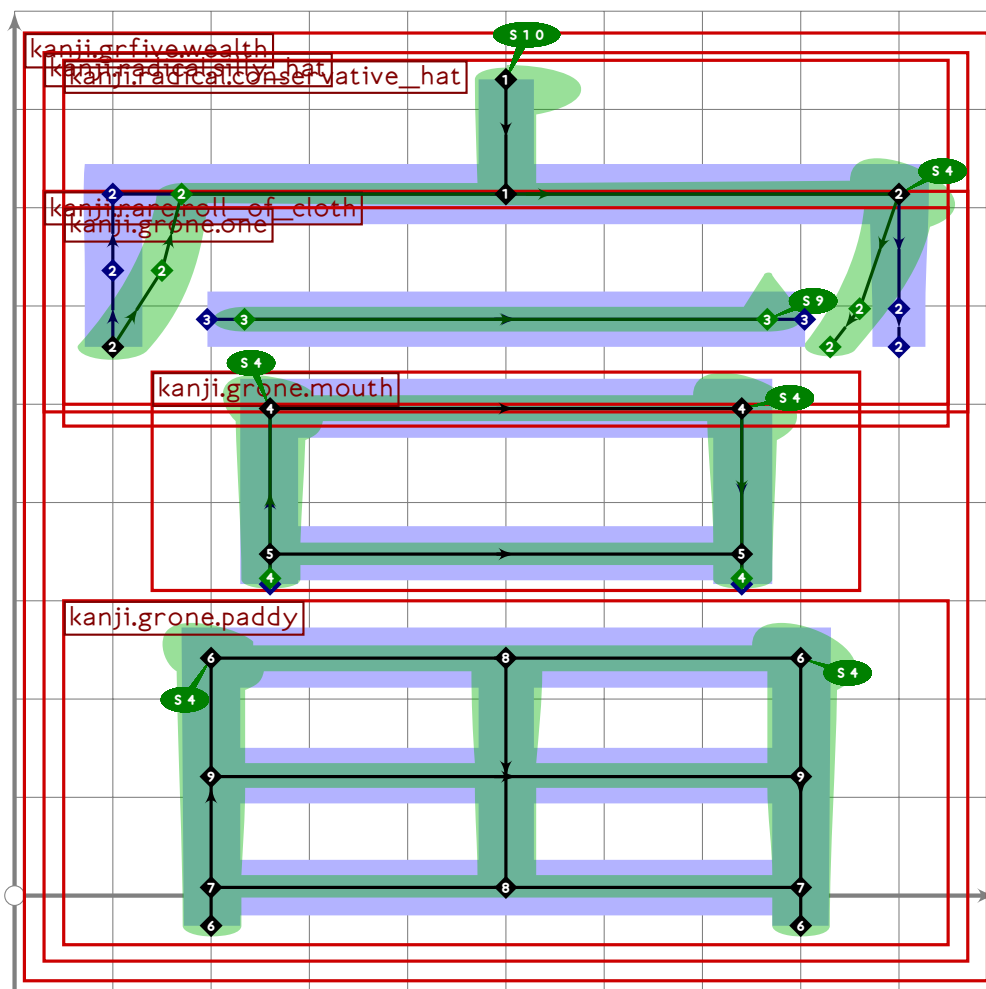
```



```

223
224 vardef kanji.grfive.face =
225   push_pbox_toexpand("kanji.grfive.face");
226   build_kanji.tb(600,130)
227     (kanji.radical.silly_hat)
228     (kanji.grtwo.valley);
229   expand_pbox;
230 enddef;

```

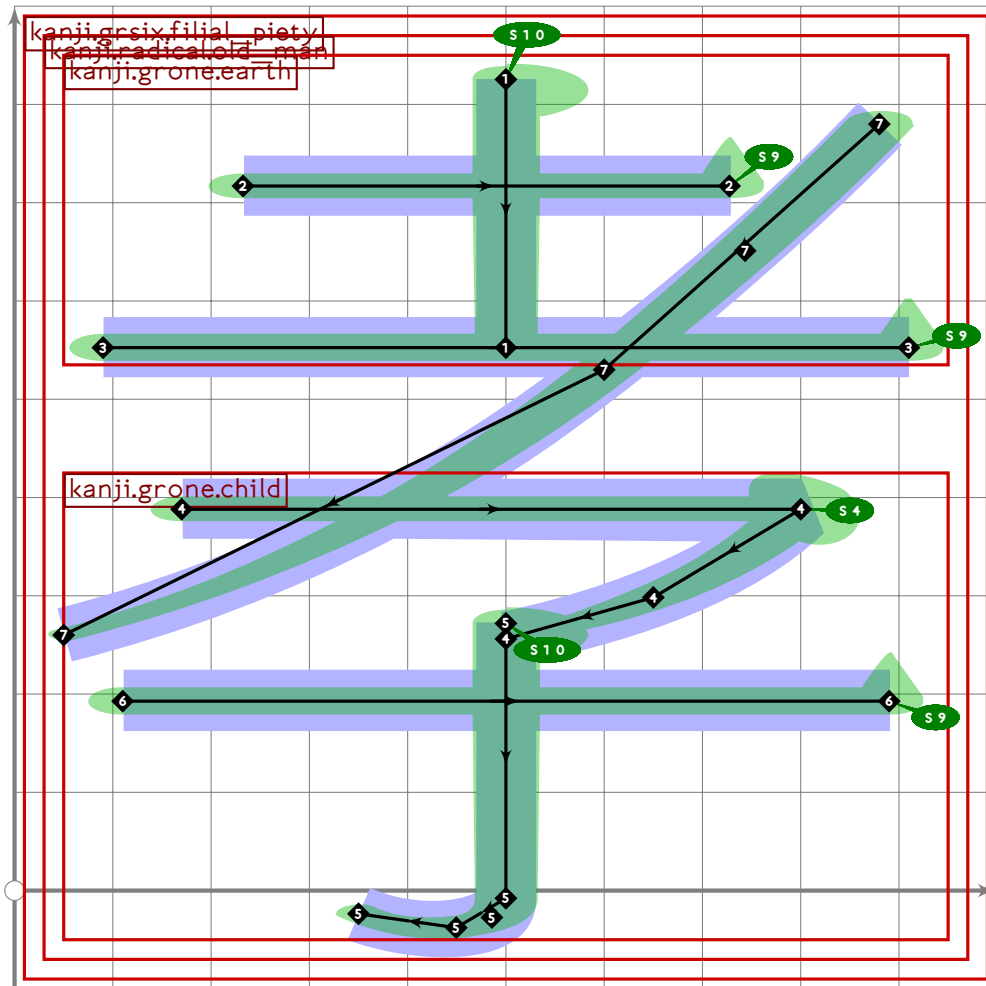


```

231
232 vardef kanji.grfive.wealth =
233   push_pbox_toexpand("kanji.grfive.wealth");
234   build_kanji.tb(600,200)
235     (kanji.radical.silly_hat)
236     (kanji.rare.roll_of_cloth;
237       replace_stroke(-6)(oldp shifted (-500,0) xscaled (0.8-0.1*mincho)
238         shifted (500,0)));
239   expand_pbox;
240 enddef;
241
242

```

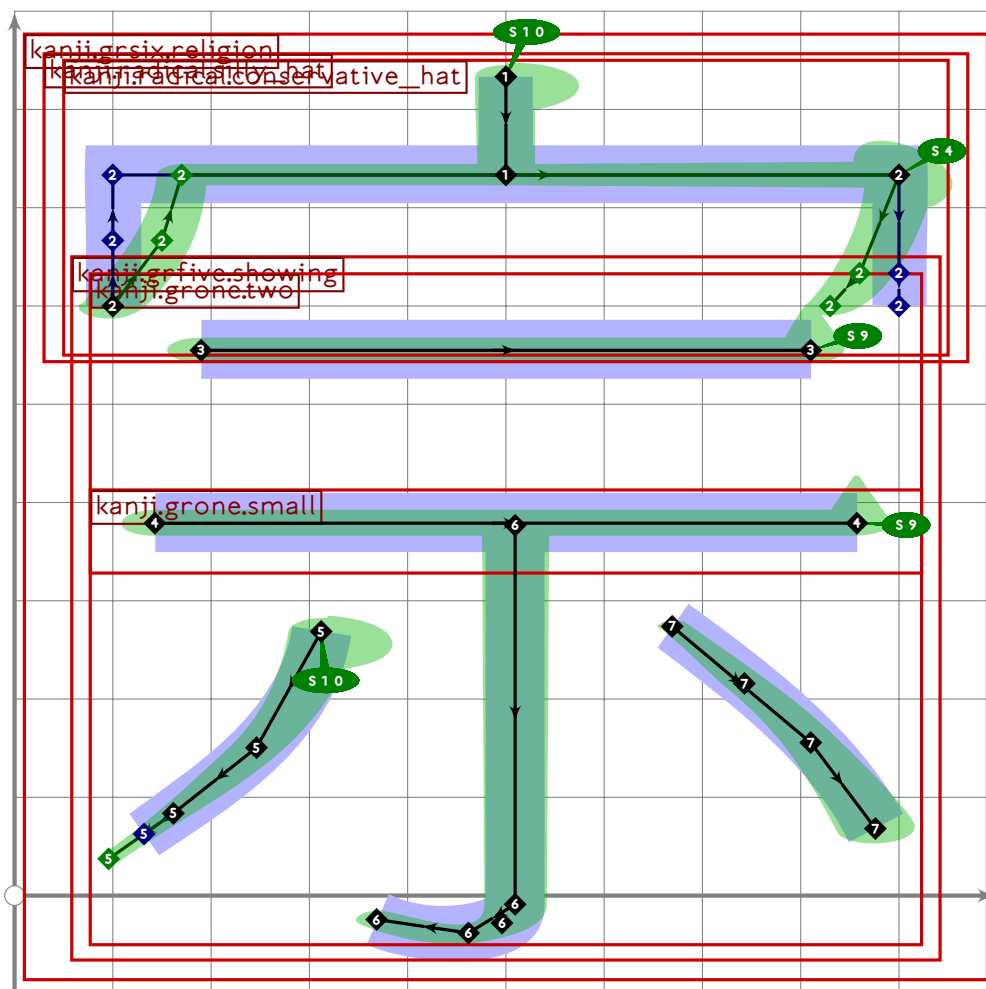




```

243
244 vardef kanji.grsix.filial_piety =
245   push_pbox_toexpand("kanji.grsix.filial_piety");
246   kanji.radical.old_man(kanji.grone.child);
247   expand_pbox;
248 enddef;

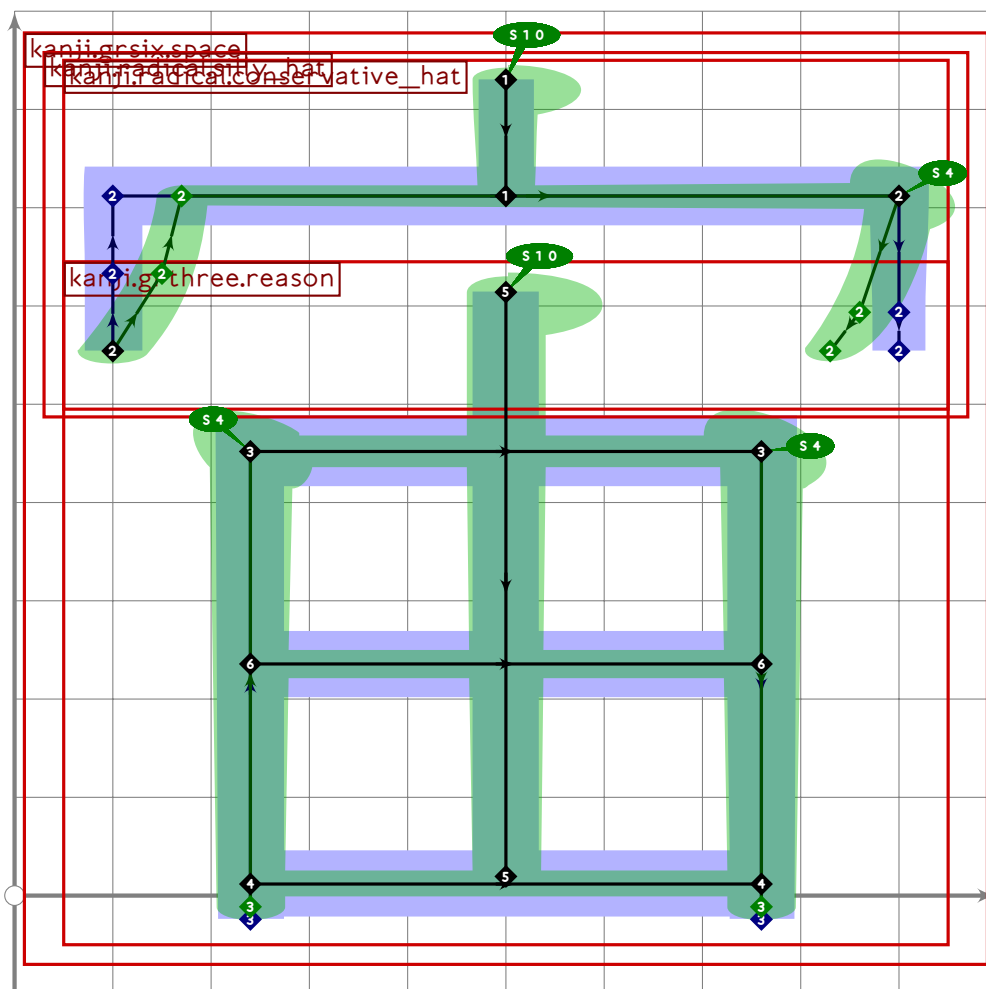
```



```

249
250 vardef kanji.grsix.religion =
251   push_pbox_toexpand("kanji.grsix.religion");
252   build_kanji.tb(600,100)
253     (kanji.radical.silly_hat)
254     (build_kanji.scale(xscaled 0.94)(kanji.grfive.showing));
255   expand_pbox;
256 enddef;

```

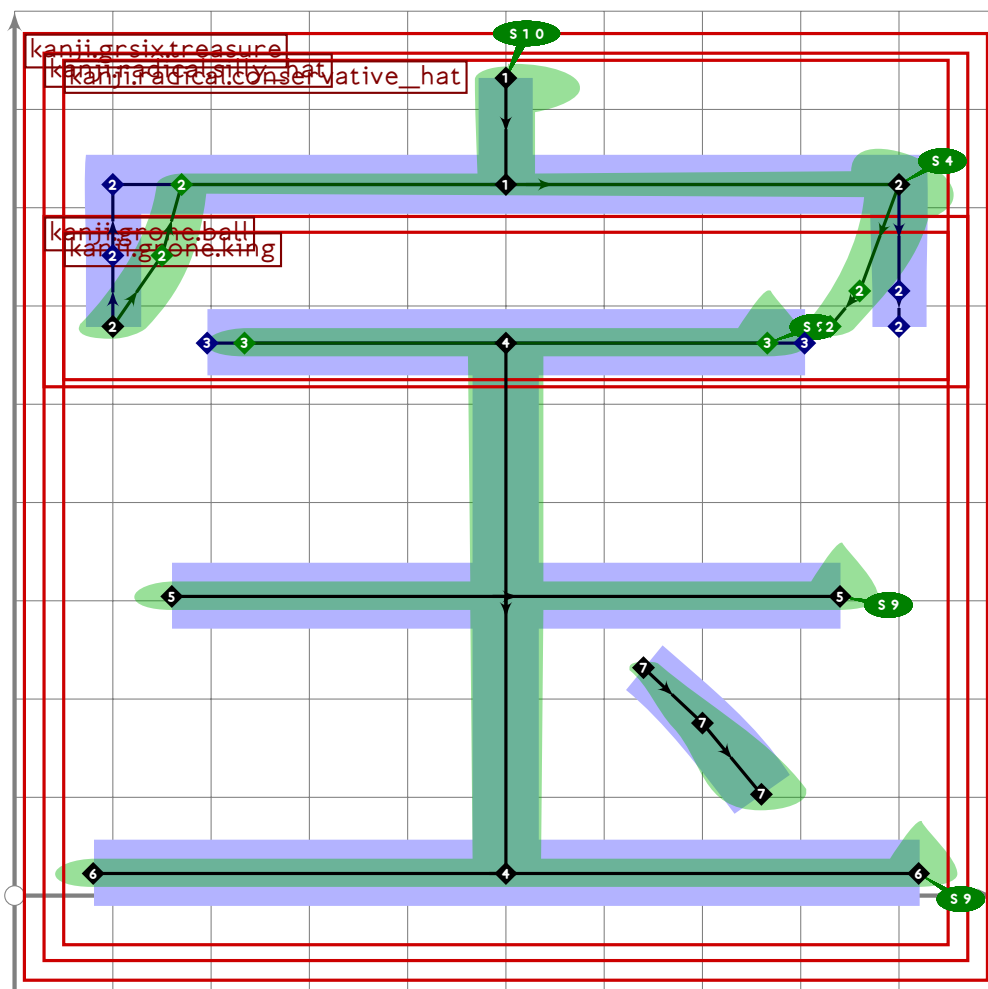


```

257
258 vardef kanji.grsix.space =
259   push_pbox_toexpand("kanji.grsix.space");
260   build_kanji.tb(570,150)
261     (kanji.radical.silly_hat)
262     (kanji.grthree.reason);
263   expand_pbox;
264 enddef;

```

U+5B9D  
tsuku.uni5B9D

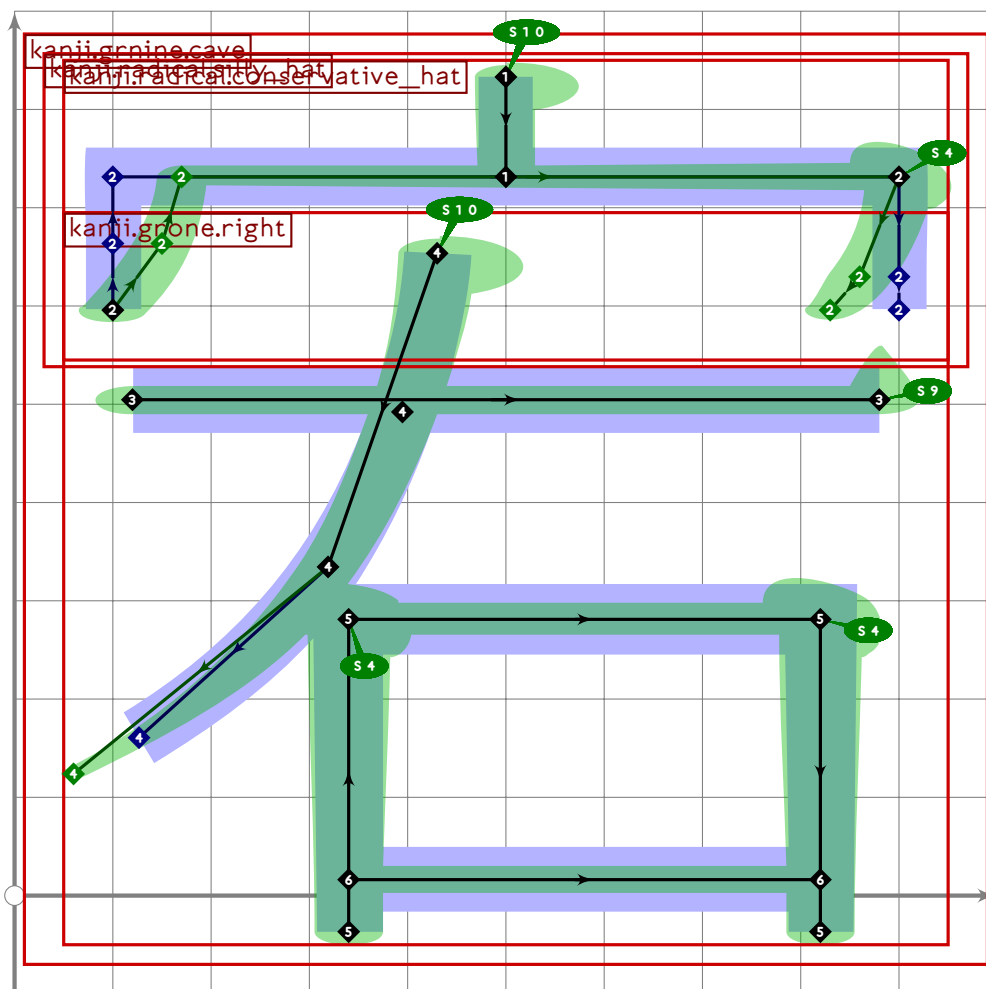


```

265
266 vardef kanji.grsix.treasure =
267   push_pbox_toexpand("kanji.grsix.treasure");
268   build_kanji.tb(600,150)
269     (kanji.radical.silly_hat)
270     (kanji.grone.ball;
271       replace_stroke(-4)(oldp shifted (-500,0) xscaled (0.8-0.1*mincho)
272         shifted (500,0)));
273   expand_pbox;
274 enddef;
275
276

```

5B

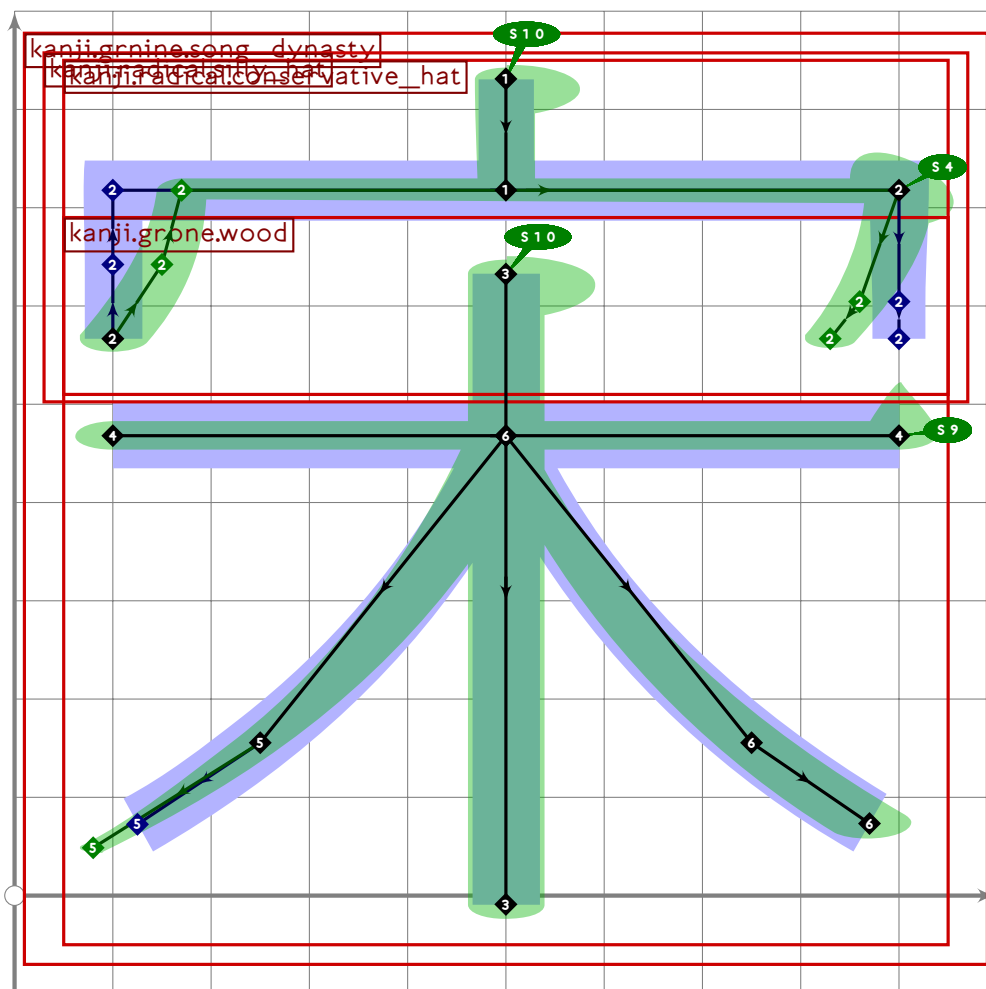


```

277
278 vardef kanji.grnine.cave =
279   push_pbox_toexpand("kanji.grnine.cave");
280   build_kanji.tb(620,150)
281     (kanji.radical.silly_hat)
282     (kanji.grone.right);
283   expand_pbox;
284 enddef;

```

U+5B8B  
tsuku.uni5B8B



```

285
286 vardef kanji.grnine.song_dynasty =
287   push_pbox_toexpand("kanji.grnine.song_dynasty");
288   build_kanji.tb(600,180)
289     (kanji.radical.silly_hat)
290     (kanji.grone.wood);
291   expand_pbox;
292 enddef;

```

293

294

295

```

296 % ko "child"
297 begintsuglyph("uni5B50";80);
298   kanji.grone.child;
299   tsu_render;

```

[see page 421]

```

300 endtsuglyph;

```

301

```

302 % ketsu/hitori "mosquito larva"
303 begintsuglyph("uni5B51";81);
304   kanji.rare.mosquito_larva;
305   tsu_render;

```

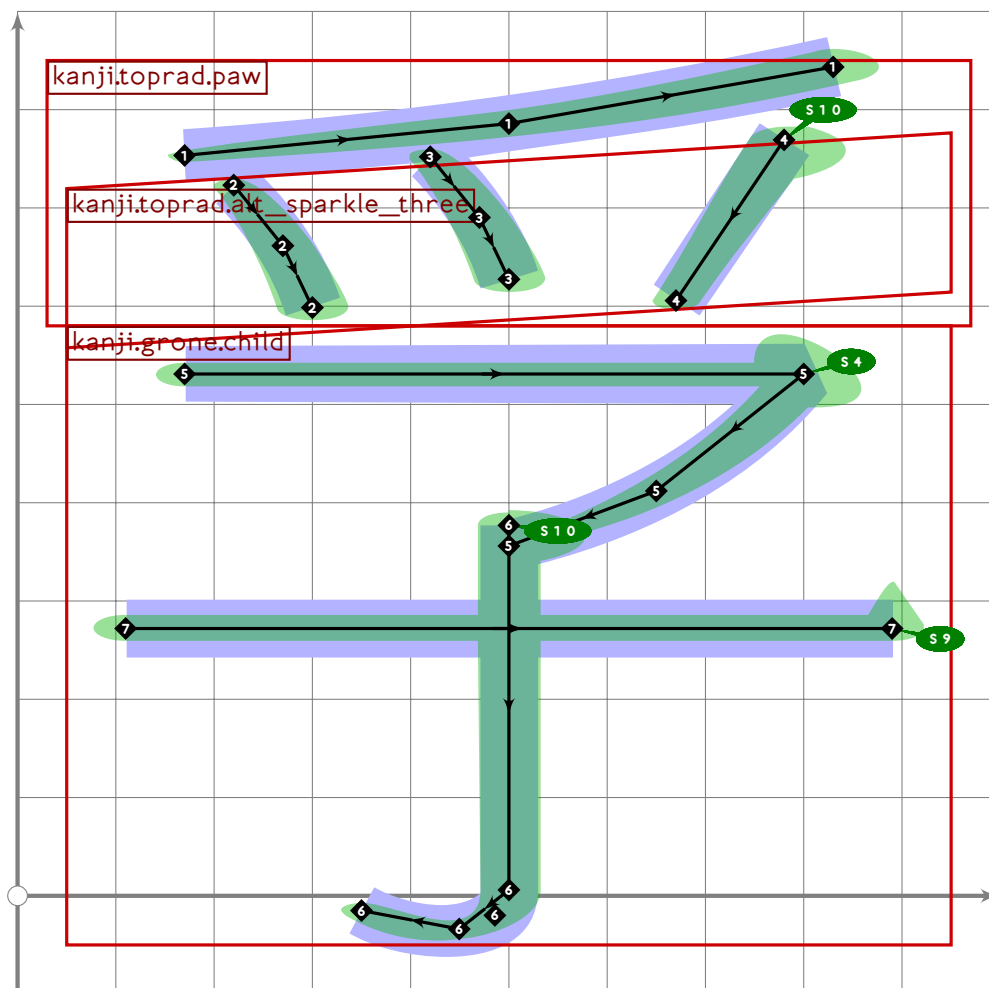
[see page 824]

```

306 endtsuglyph;
307
308 % ji "character"
309 begintsuglyph("uni5B57";87);
310   kanji.grone.character;
311   tsu_render;
312 endtsuglyph;
313

```

[see page 420]



```

314 % extra: fu/tamago "enfold"
315 begintsuglyph("uni5B5A";90);
316   build_kanji.level(build_kanji.tb(580,0)
317     (kanji.toprad.paw)
318     (kanji.grone.child));
319   tsu_render;
320 endtsuglyph;
321
322 % kou/taka "filial piety"
323 begintsuglyph("uni5B5D";93);
324   kanji.grsix.filial_piety;
325   tsu_render;
326 endtsuglyph;

```

[see page 2025]

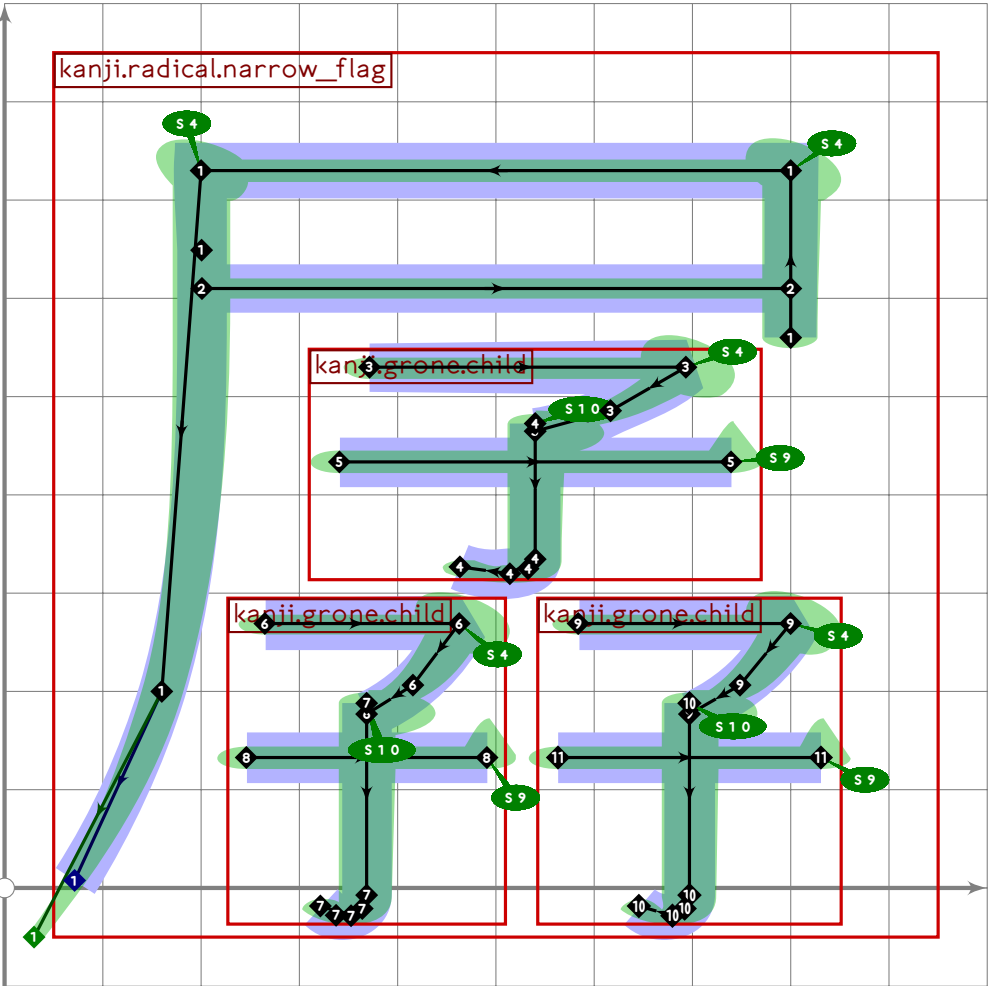
```
327
328 % ki "season"
329 begintsuglyph("uni5B63";99);
330   kanji.grfour.season;
331   tsu_render;
332 endtsuglyph;
333
334 % gaku "school"
335 begintsuglyph("uni5B66";102);
336   kanji.grone.study;
337   tsu_render;
338 endtsuglyph;
339
340 % son/mago "grandchild"
341 begintsuglyph("uni5B6B";107);
342   kanji.grfour.grandchild;
343   tsu_render;
344 endtsuglyph;
345
```

[see page 2021]

[see page 2007]

[see page 2018]

5B



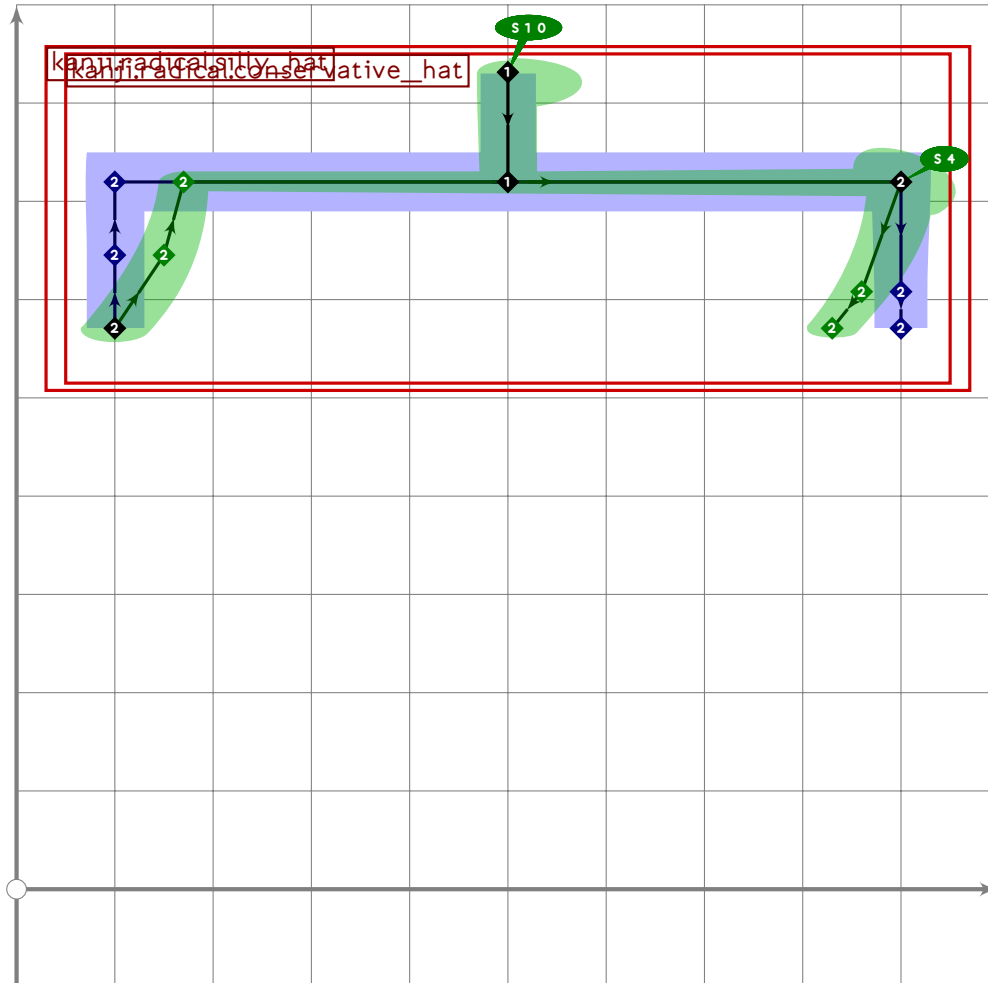
```
346 % extra
347 begintsuglyph("uni5B71";113);
```



```

348 build_kanji.level(
349   kanji.radical.narrow_flag;
350   build_kanji.sscale(xyscaled (0.73,0.67) shifted (40,-150))
351   (build_kanji.triclust(0.7)
352    (kanji.grone.child)
353    (build_kanji.sscale(scaled 0.9)(kanji.grone.child))
354    (build_kanji.sscale(scaled 0.9)(kanji.grone.child))));
355 tsu_render;
356 endtsuglyph;
357

```



```

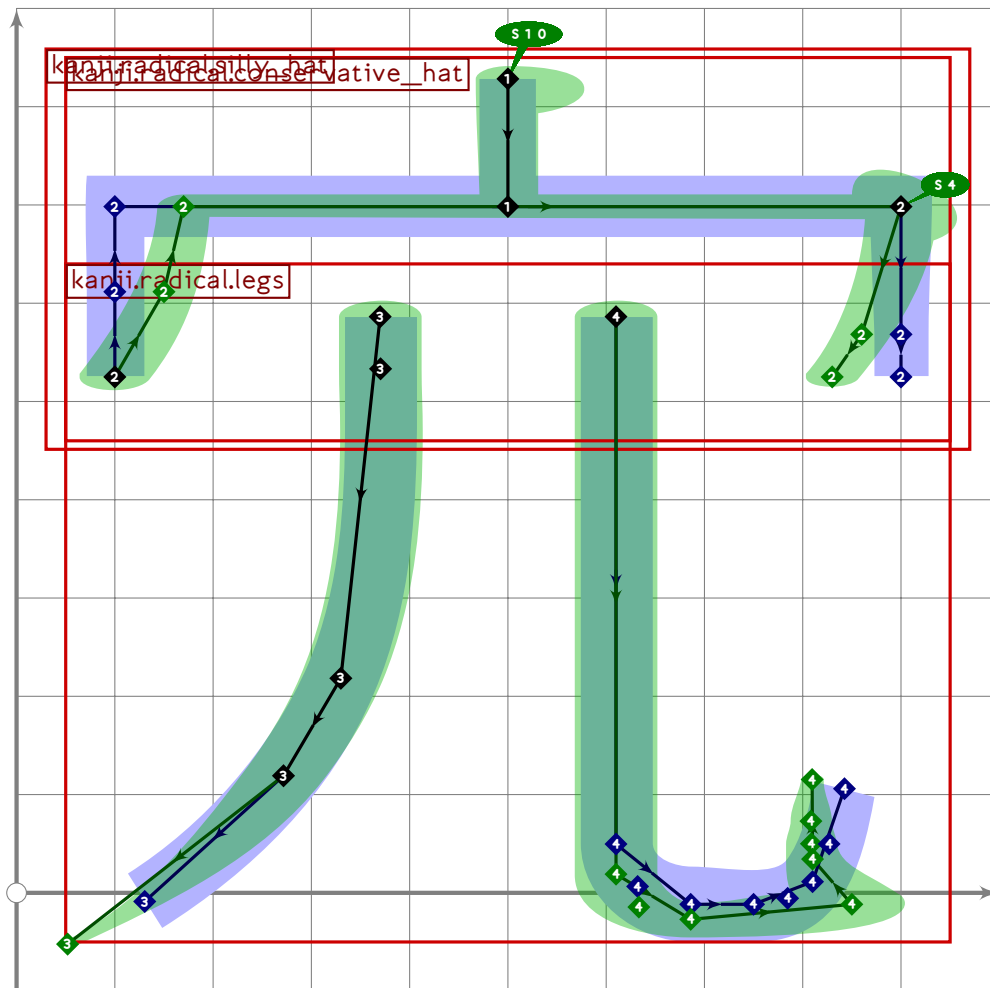
358 % silly hat radical
359 begintsuglyph("uni5B80";128);
360 build_kanji.tb(500,-30)
361   (kanji.radical.silly_hat)
362   ();
363 tsu_render;
364 endtsuglyph;
365
366 % cho/takuwaeru "bobbin"
367 begintsuglyph("uni5B81";129);
368 kanji.rare.bobbin;

```

[see page 803]

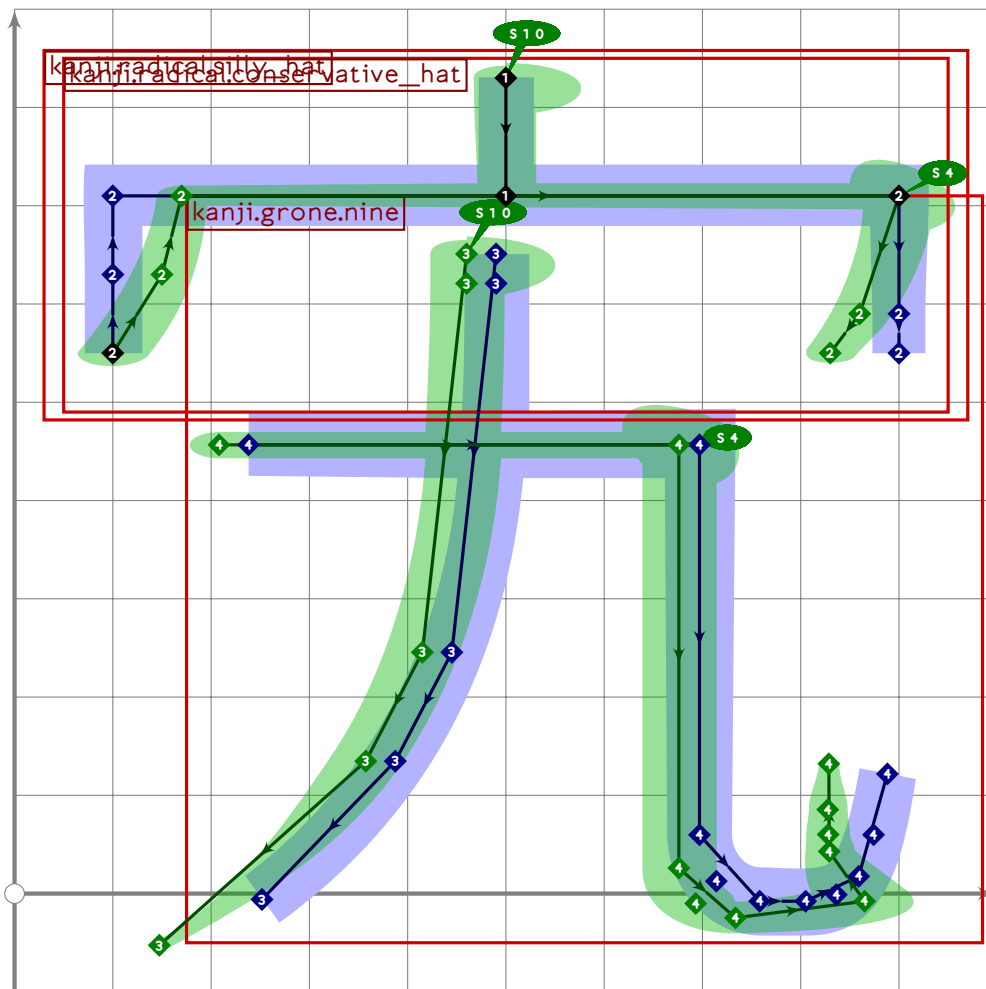
U+5B82  
tsuku.uni5B82

```
369 tsu_render;
370 endtsuglyph;
371
```



```
372 % extra
373 begintsuglyph("uni5B82";130);
374 build_kanji.tb(550,180)
375 (kanji.radical.silly_hat)
376 (kanji.radical.legs);
377 tsu_render;
378 endtsuglyph;
379
380 % ta/hebi "other"
381 begintsuglyph("uni5B83";131);
382 kanji.rare.other;
383 tsu_render;
384 endtsuglyph;
385
```

[see page 833]



```

386 % extra
387 begintsuglyph("uni5B84";132);
388   build_kanji.tb(600,220)
389     (kanji.radical.silly_hat)
390     (build_kanji.sscale(xscaled 0.9 shifted (80-30*mincho,0))
391       (kanji.grone.nine));
392   tsu_render;
393 endtsuglyph;
394
395 % shu/mamo "protect"
396 begintsuglyph("uni5B88";136);
397   kanji.grthree.protect;
398   tsu_render;
399 endtsuglyph;
400
401 % an/yasu "easy/cheap"
402 begintsuglyph("uni5B89";137);
403   kanji.grthree.easy;
404   tsu_render;
405 endtsuglyph;
406

```

[see page 2015]

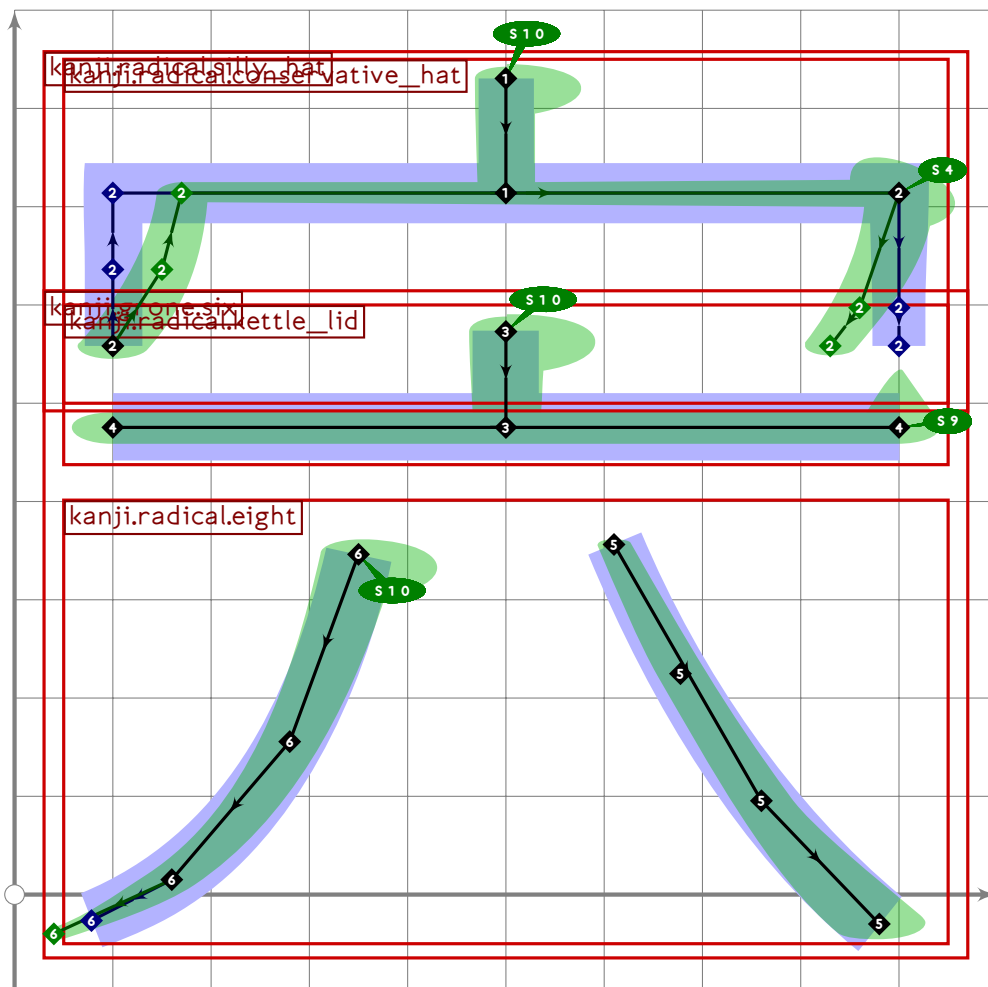
[see page 567]

U+5B8D  
tsuku.uni5B8D

```
407 % "song dynasty"
408 begintsuglyph("uni5B8B",139);
409 kanji.grnine.song_dynasty;
410 tsu_render;
411 endtsuglyph;
412
413 % kan "perfect"
414 begintsuglyph("uni5B8C",140);
415 kanji.grfour.perfect;
416 tsu_render;
417 endtsuglyph;
418
```

[see page 2030]

[see page 628]



5B

```
419 % extra "meat"
420 begintsuglyph("uni5B8D",141);
421 build_kanji.tb(550,100)
422 (kanji.radical.silly_hat)
423 (kanji.grone.six);
424 tsu_render;
425 endtsuglyph;
426
427 % "cave"
```

428	begintsuglyph("uni5B95";149);	[see page 2029]
429	kanji.grnine.cave;	
430	tsu_render;	
431	endtsuglyph;	
432		
433	% shuu/mune "religion"	
434	begintsuglyph("uni5B97";151);	[see page 2026]
435	kanji.grsix.religion;	
436	tsu_render;	
437	endtsuglyph;	
438		
439	% kan "bureaucracy"	
440	begintsuglyph("uni5B98";152);	[see page 605]
441	kanji.grfour.bureaucracy;	
442	tsu_render;	
443	endtsuglyph;	
444		
445	% chuu "space"	
446	begintsuglyph("uni5B99";153);	[see page 2027]
447	kanji.grsix.space;	
448	tsu_render;	
449	endtsuglyph;	
450		
451	% tei/sada "regular"	
452	begintsuglyph("uni5B9A";154);	[see page 2017]
453	kanji.grthree.regular;	
454	tsu_render;	
455	endtsuglyph;	
456		
457	% hou/takara "treasure"	
458	begintsuglyph("uni5B9D";157);	[see page 2028]
459	kanji.grsix.treasure;	
460	tsu_render;	
461	endtsuglyph;	
462		
463	% jitsu/mi "reality"	
464	begintsuglyph("uni5B9F";159);	[see page 2016]
465	kanji.grthree.reality;	
466	tsu_render;	
467	endtsuglyph;	
468		
469	% kyaku "guest"	
470	begintsuglyph("uni5BA2";162);	[see page 2013]
471	kanji.grthree.guest;	
472	tsu_render;	
473	endtsuglyph;	
474		
475	% shitsu/muro "chamber"	

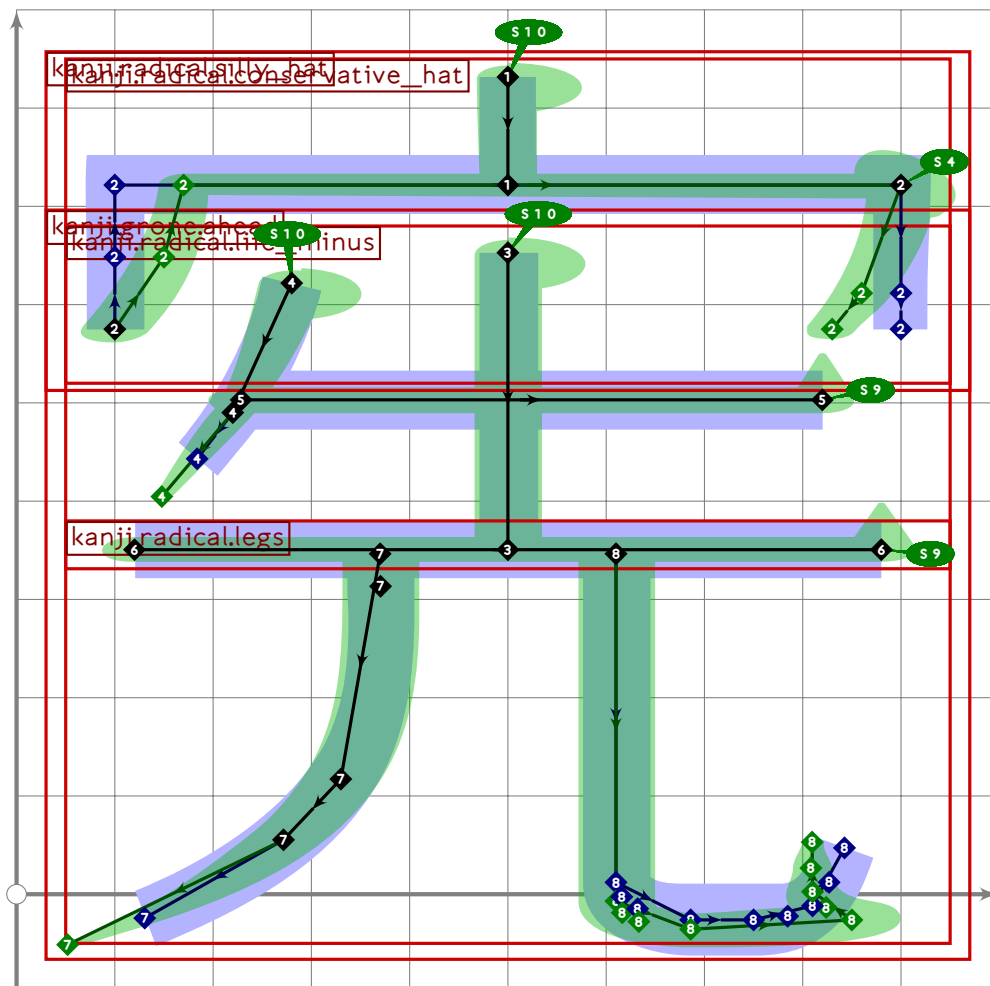
U+5BAA  
tsuku.uni5BAA

```

476 begintsuglyph("uni5BA4";164);
477   kanji.grtwo.chamber;
478   tsu_render;
479 endtsuglyph;
480

```

[see page 2008]



5B

```

481 % extra
482 begintsuglyph("uni5BAA";170);
483   build_kanji.tb(600,160)
484   (kanji.radical.silly_hat)
485   (kanji.grone.ahead);
486   tsu_render;
487 endtsuglyph;
488
489 % kyuu/miya "house"
490 begintsuglyph("uni5BAE";174);
491   kanji.grthree.palace;
492   tsu_render;
493 endtsuglyph;
494
495 % gai "injury"
496 begintsuglyph("uni5BB3";179);

```

[see page 2014]

[see page 2020]

497 kanji.grfour.injury;  
 498 tsu\_render;  
 499 endtsuglyph;  
 500  
 501 % ka/ie "house"  
 502 begintsuglyph("uni5BB6";182); [see page 2009]  
 503 kanji.grtwo.house;  
 504 tsu\_render;  
 505 endtsuglyph;  
 506  
 507 % you/i "face"  
 508 begintsuglyph("uni5BB9";185); [see page 2023]  
 509 kanji.grfive.face;  
 510 tsu\_render;  
 511 endtsuglyph;  
 512  
 513 % shuku/yado "inn"  
 514 begintsuglyph("uni5BBF";191); [see page 2012]  
 515 kanji.grthree.inn;  
 516 tsu\_render;  
 517 endtsuglyph;  
 518  
 519 % ki/yo "draw near"  
 520 begintsuglyph("uni5BC4";196); [see page 2022]  
 521 kanji.grfive.draw\_near;  
 522 tsu\_render;  
 523 endtsuglyph;  
 524  
 525 % fu/to "wealth"  
 526 begintsuglyph("uni5BCC";204); [see page 2024]  
 527 kanji.grfive.wealth;  
 528 tsu\_render;  
 529 endtsuglyph;  
 530  
 531 % kan/samu "cold"  
 532 begintsuglyph("uni5BD2";210); [see page 2011]  
 533 kanji.grthree.cold;  
 534 tsu\_render;  
 535 endtsuglyph;  
 536  
 537 % satsu "guess"  
 538 begintsuglyph("uni5BDF";223); [see page 2019]  
 539 kanji.grfour.guess;  
 540 tsu\_render;  
 541 endtsuglyph;  
 542  
 543 % su/miki "inch", also often a radical  
 544 begintsuglyph("uni5BF8";248); [see page 657]

```
545 kanji.grsix.inch;
546 tsu_render;
547 endtsuglyph;
548
549 % tera/ji "temple"
550 begintsuglyph("uni5BFA";250); [see page 545]
551 kanji.grtwo.temple;
552 tsu_render;
553 endtsuglyph;
554
555 % tai/aite "counterpart"
556 begintsuglyph("uni5BFE";254); [see page 2010]
557 kanji.grthree.counterpart;
558 tsu_render;
559 endtsuglyph;
560
561 

---


562
563 endfont;
564
565 

---

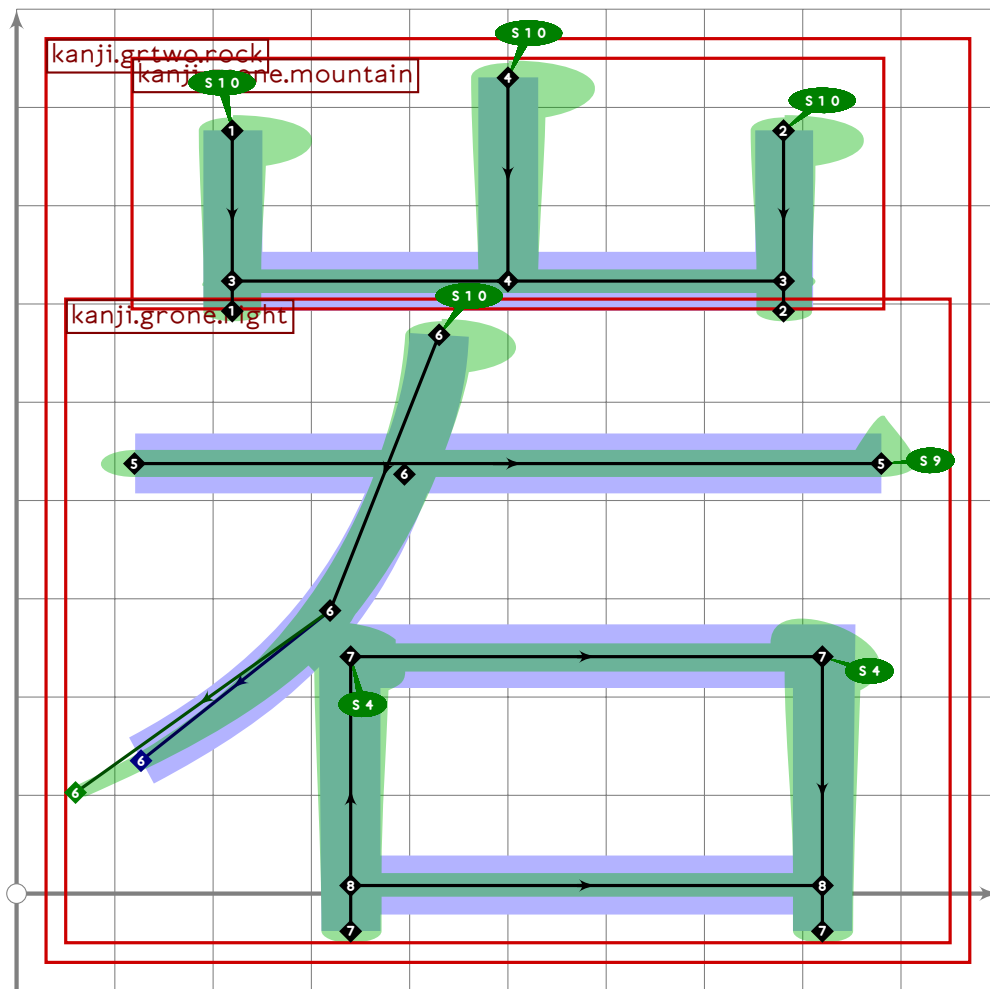

```



# tsuku-5c.mp

```
1 %
2 % Unicode page 5C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradesix.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input radical.mp;
46 input rare.mp;
47 input rightrad.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52
```

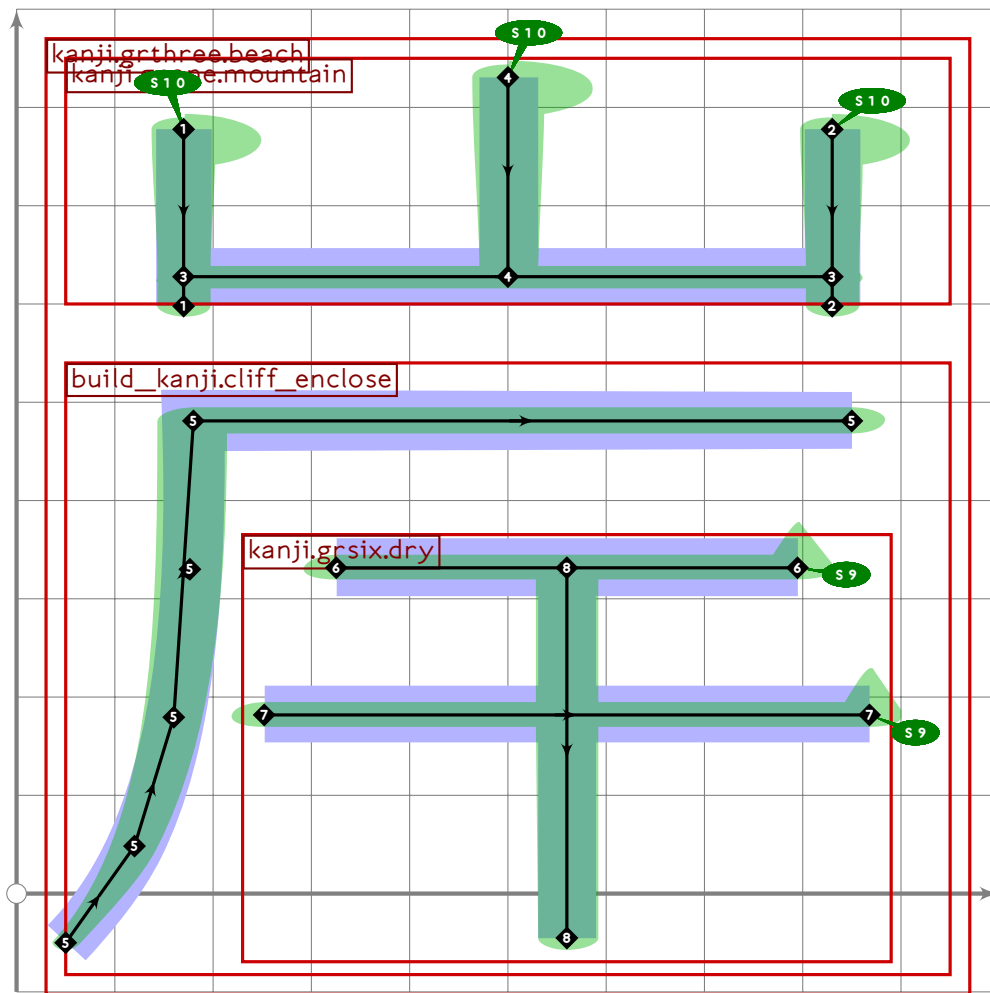
---



```

53
54 vardef kanji.grtwo.rock =
55   push_pbox_toexpand("kanji.grtwo.rock");
56   build_kanji.level(build_kanji.tb(600,10)
57     (build_kanji.sscale(xscaled 0.85)(kanji.grone.mountain))
58     (kanji.grone.right));
59   expand_pbox;
60 enddef;
61
62

```

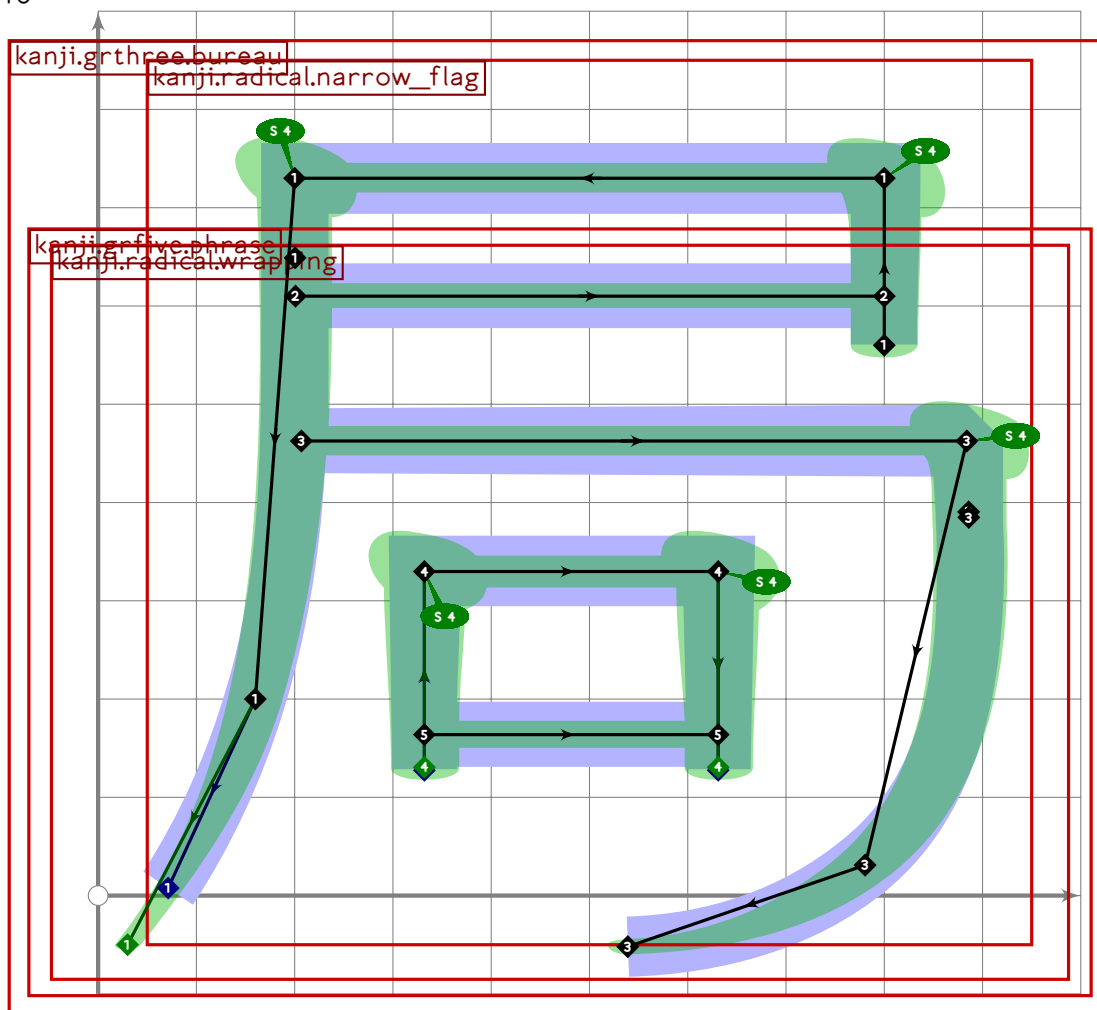


```

63
64 vardef kanji.grthree.beach =
65   push_pbox_toexpand("kanji.grthree.beach");
66   build_kanji.level(build_kanji.tb(570;-60)
67     (kanji.grthree.mountain)
68     (build_kanji.cliff_enclose(
69       build_kanji.sscale(yscaled 0.85 shifted (0;-100))
70       (kanji.grsix.dry)))));
71   expand_pbox;
72 enddef;

```

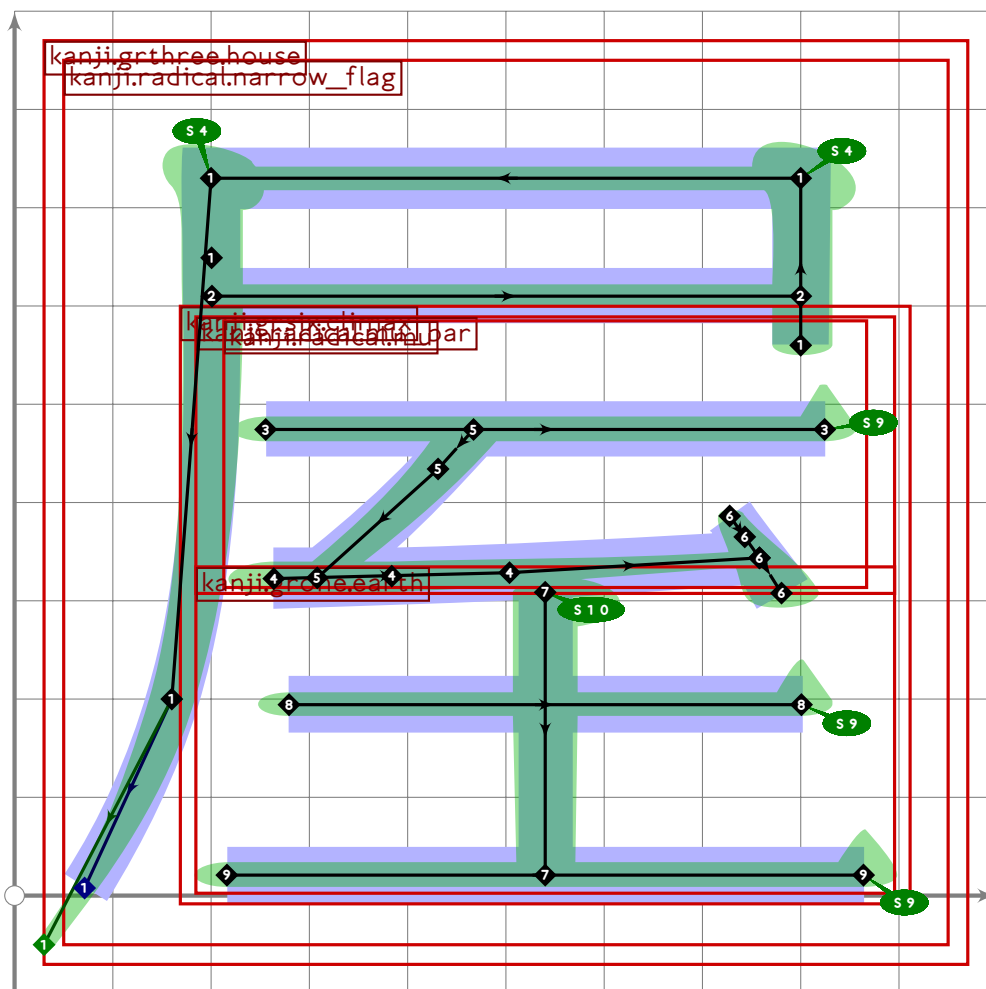
U+5C40  
tsuku.uni5C40



```

73
74 vardef kanji.grthree.bureau =
75   push_pbox_toexpand("kanji.grthree.bureau");
76   build_kanji.level(
77     kanji.radical.narrow_flag;
78     build_kanji.sscale(xyscaled (1.15,0.83) shifted (-30,-110))
79     (kanji.grfive.phrase;set_bosize(-3,0)));
80   expand_pbox;
81 enddef;

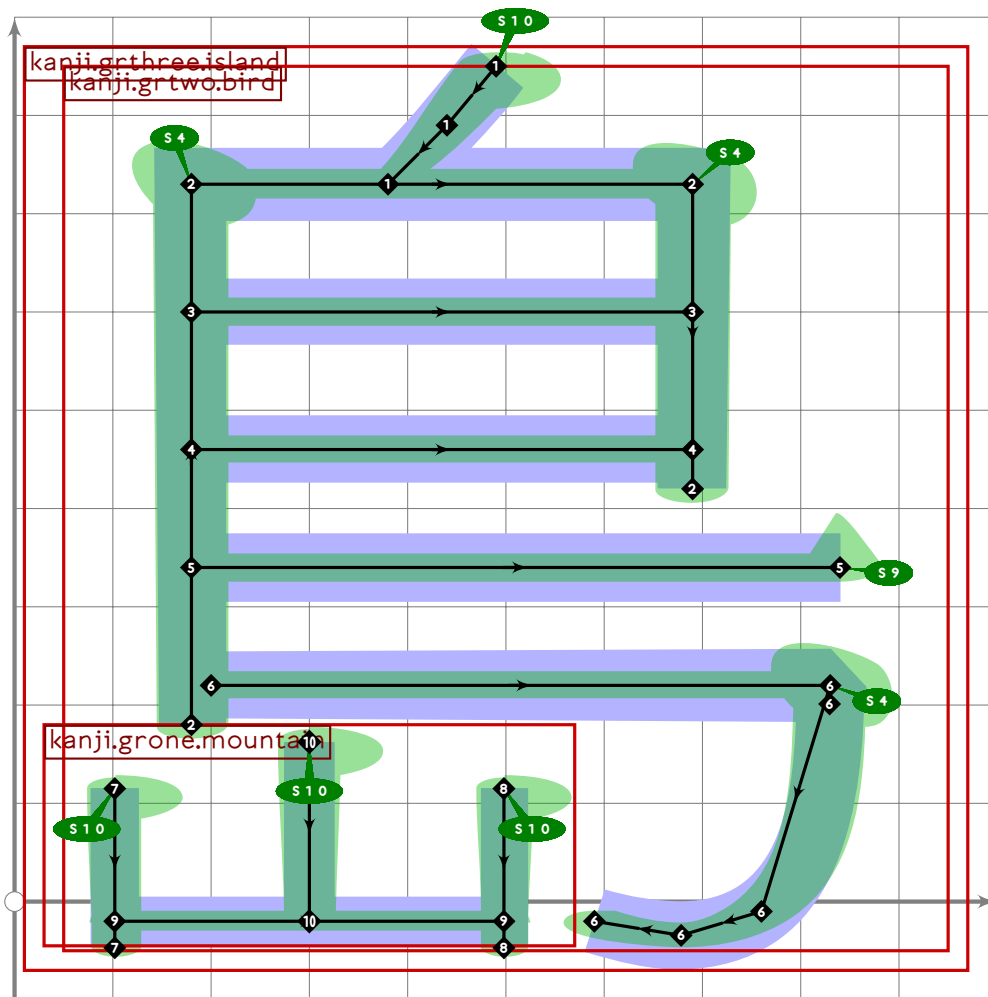
```



```

82
83 vardef kanji.grthree.house =
84   push_pbox_toexpand("kanji.grthree.house");
85   build_kanji.level(
86     kanji.radical.narrow_flag;
87     build_kanji.sscale(xyscaled (0.79,0.54) shifted (40,-150))
88     (kanji.grsix.climax));
89   expand_pbox;
90 enddef;

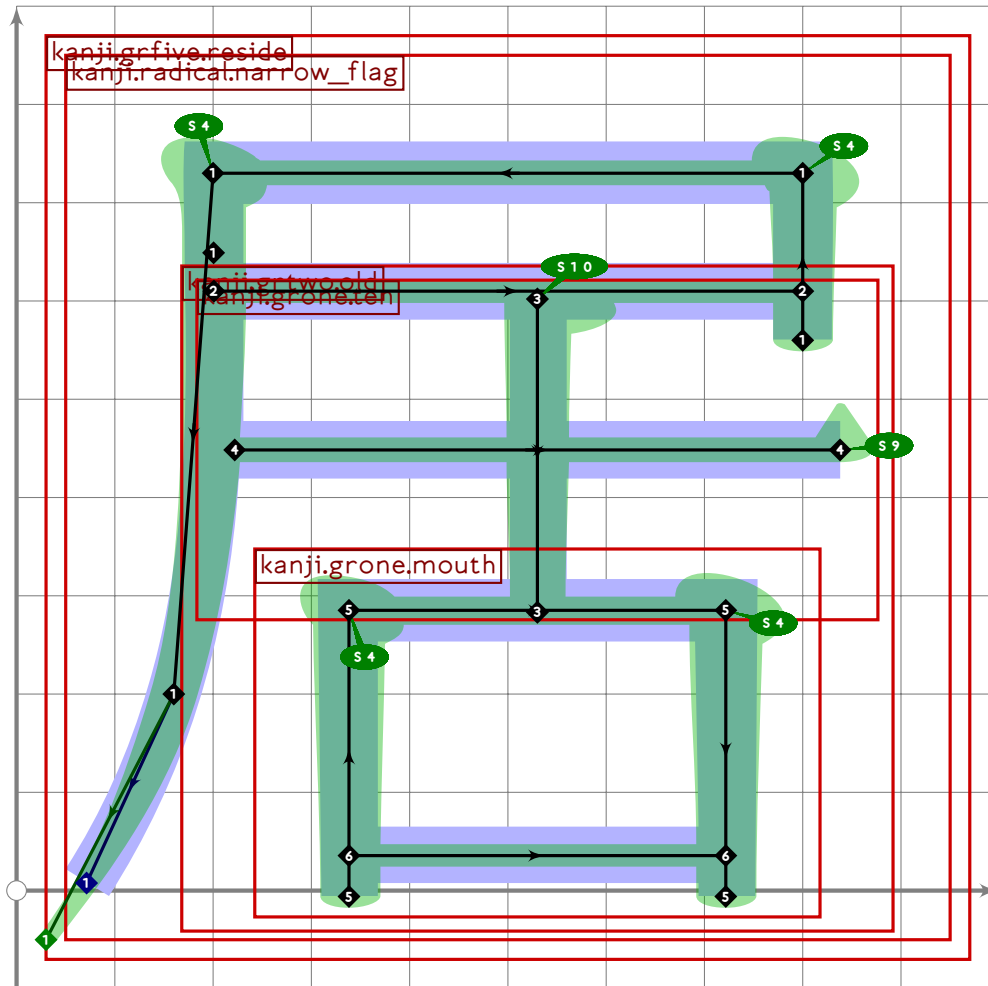
```



```

91
92 vardef kanji.grthree.island =
93   push_pbox_toexpand("kanji.grthree.island");
94   kanji.grtwo.bird;
95   pop_stroke;pop_stroke;pop_stroke;pop_stroke;
96   build_kanji.sscaled (0.6,0.25) shifted (-200,-325))
97   (kanji.grone.mountain);
98   expand_pbox;
99 enddef;
100
101

```

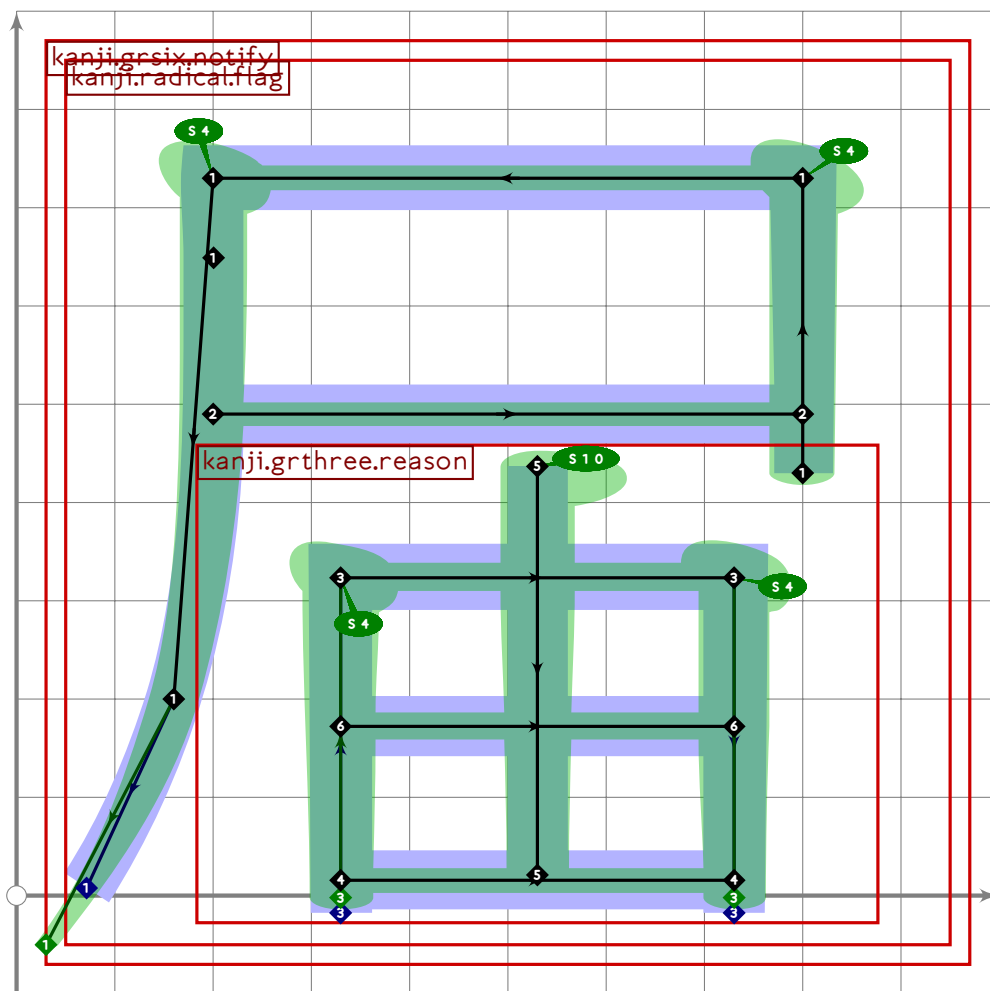


```

102
103 vardef kanji.grfive.reside =
104   push_pbox_toexpand("kanji.grfive.reside");
105   build_kanji.level(
106     kanji.radical.narrow_flag;
107     build_kanji.sscale(xyscaled (0.77,0.72) shifted (30,100))
108     (kanji.grtwo.old));
109   expand_pbox;
110 enddef;
111
112

```

U+5C4A  
tsuku.uni5C4A

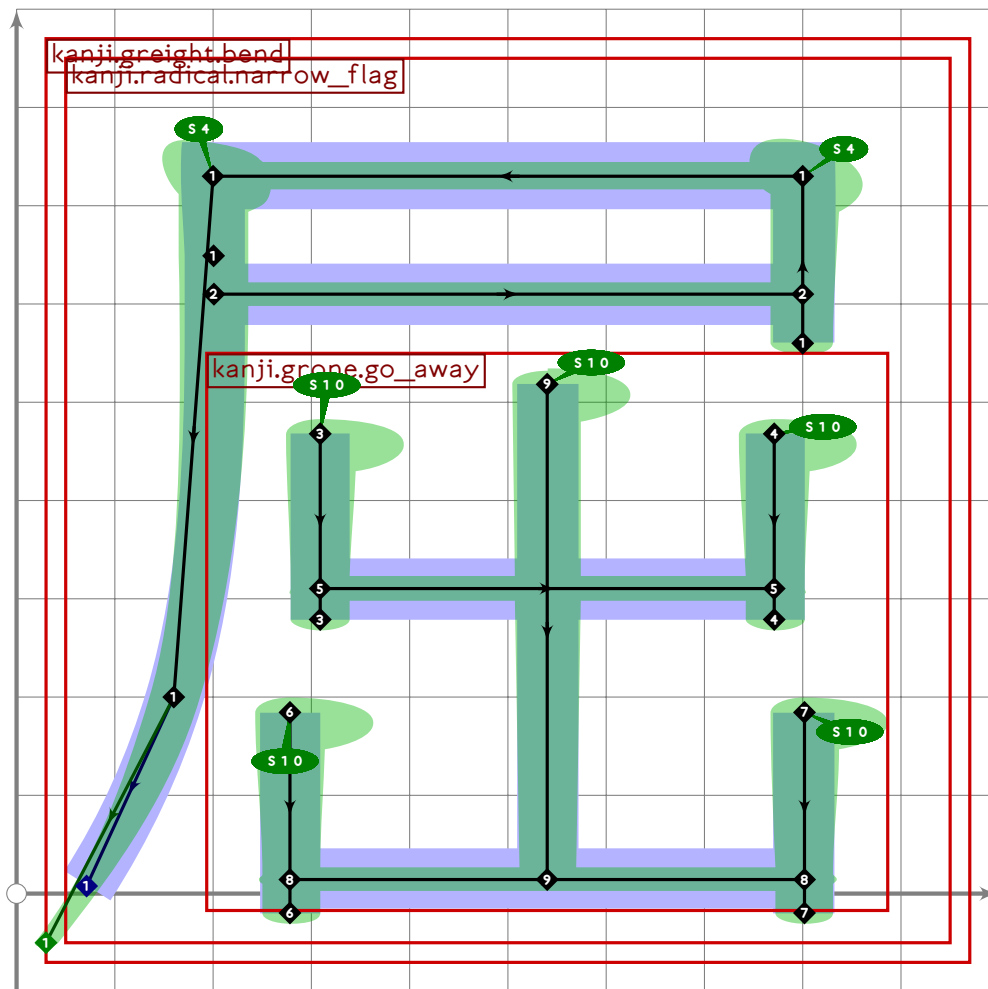


```

113
114 vardef kanji.grsix.notify =
115   push_pbox_toexpand("kanji.grsix.notify");
116   build_kanji.level(
117     kanji.radical.flag;
118     build_kanji.sscale(xyscaled (0.77,0.54) shifted (30,180))
119     (kanji.grthree.reason));
120   expand_pbox;
121 enddef;
122
123

```



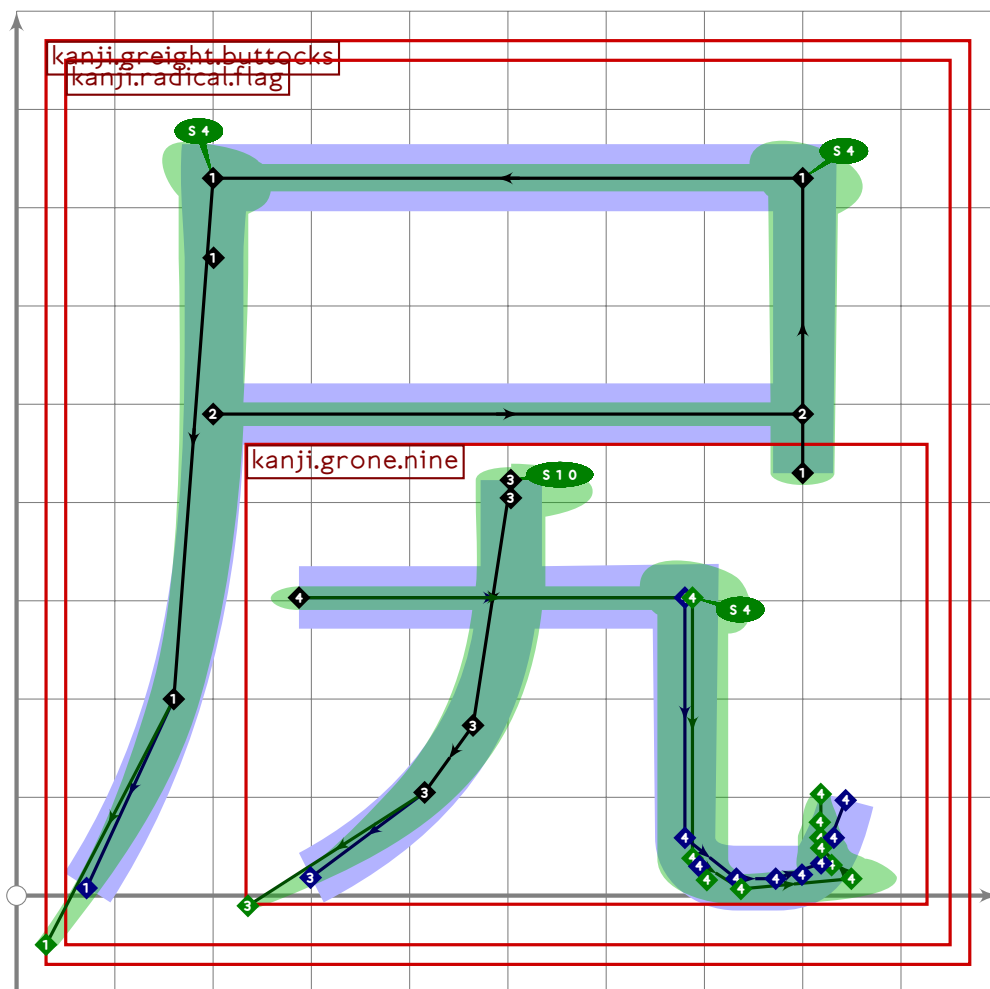


```

124
125 vardef kanji.greight.bend =
126   push_pbox_toexpand("kanji.greight.bend");
127   build_kanji.level(
128     kanji.radical.narrow_flag;
129     build_kanji.sscale(xyscaled (0.77,0.63) shifted (40,-130))
130     (kanji.grone.go_away));
131   expand_pbox;
132 enddef;

```

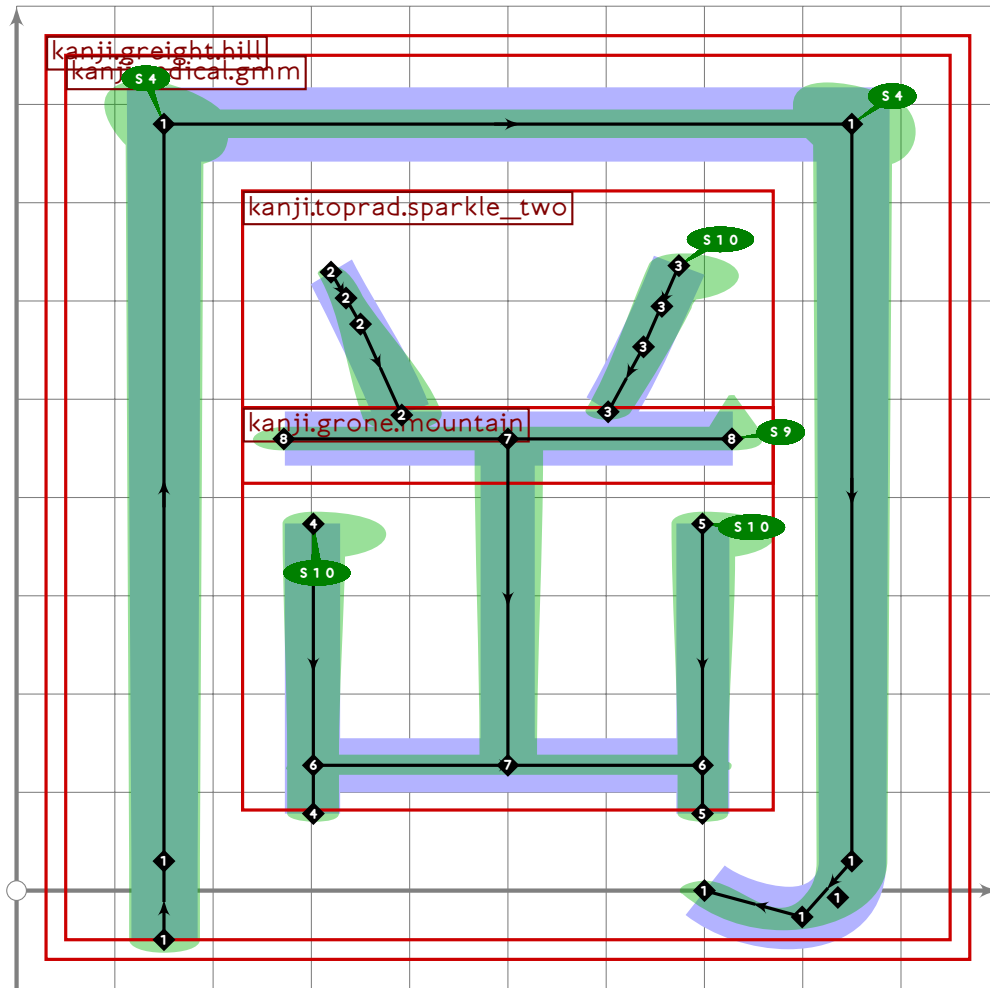
U+5C3B  
tsuku.uni5C3B



```

133
134 vardef kanji.greight.buttocks =
135   push_pbox_toexpand("kanji.greight.buttocks");
136   build_kanji.level(
137     kanji.radical.flag;
138     build_kanji.sscale(xyscaled (0.77,0.52) shifted (80,170))
139     (kanji.grone.nine));
140   expand_pbox;
141 enddef;

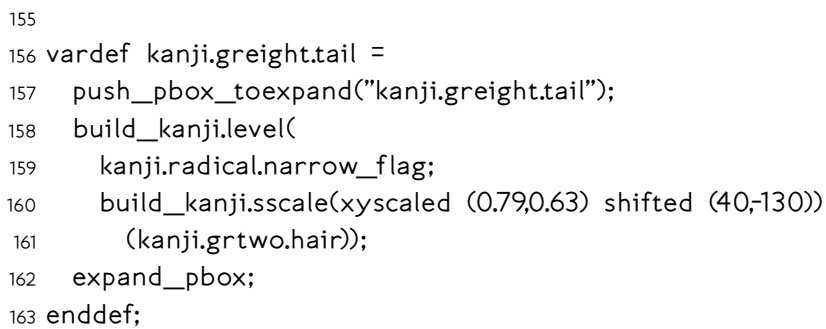
```

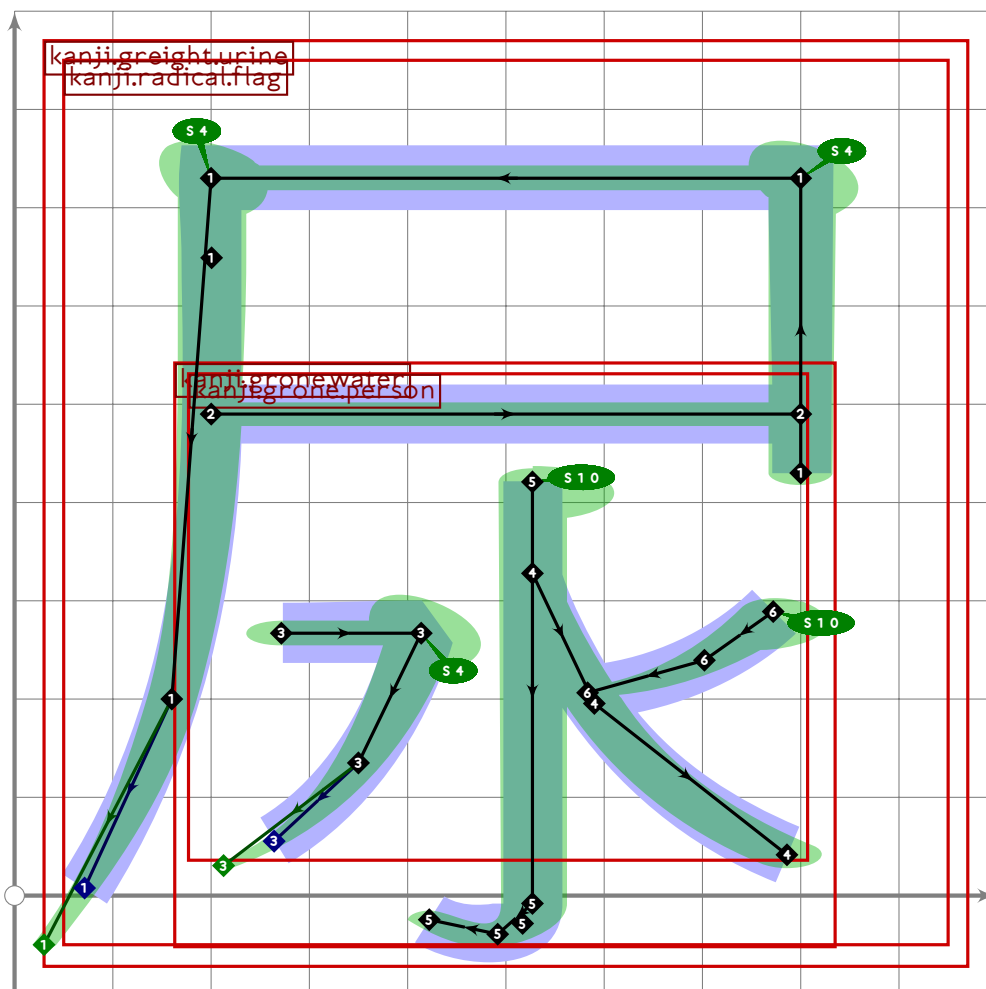


```

142
143 vardef kanji.greight.hill =
144   push_pbox_toexpand("kanji.greight.hill");
145   kanji.radical.gmm;
146   build_kanji.sscale(xyscaled (0.6,0.7))
147     (build_kanji.level(build_kanji.tb(480,110)
148       (kanji.toprad.sparkle_two)
149       (kanji.grone.mountain;
150         set_boserif(0,0,whatever);
151         push_stroke((120,780)-(880,780),(1.6,1.6)-(1.6,1.6));
152         set_boserif(0,1,9)))));
153   expand_pbox;
154 enddef;

```

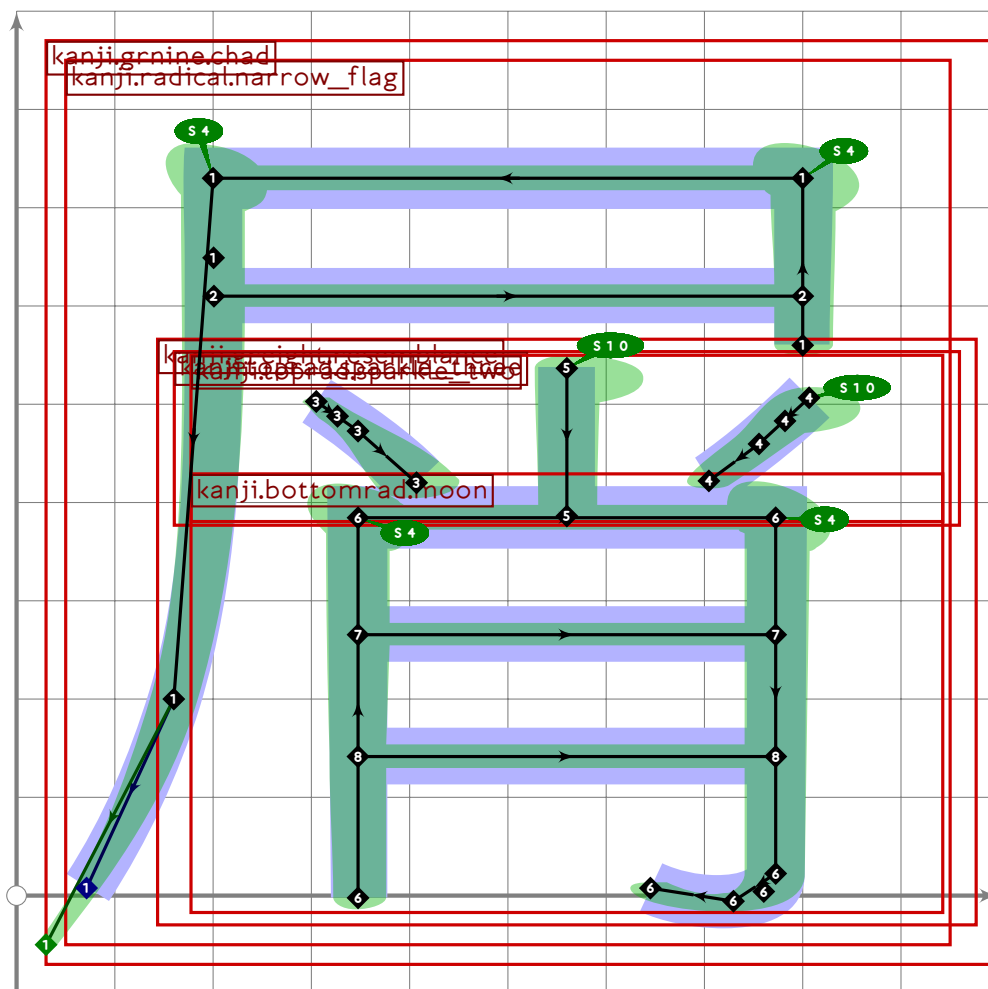




```

164
165 vardef kanji.greight.urine =
166   push_pbox_toexpand("kanji.greight.urine");
167   build_kanji.level(
168     kanji.radical.flag;
169     build_kanji.sscale(xyscaled (0.7,0.55) shifted (20,200))
170     (kanji.grone.water));
171   expand_pbox;
172 enddef;
173
174
```

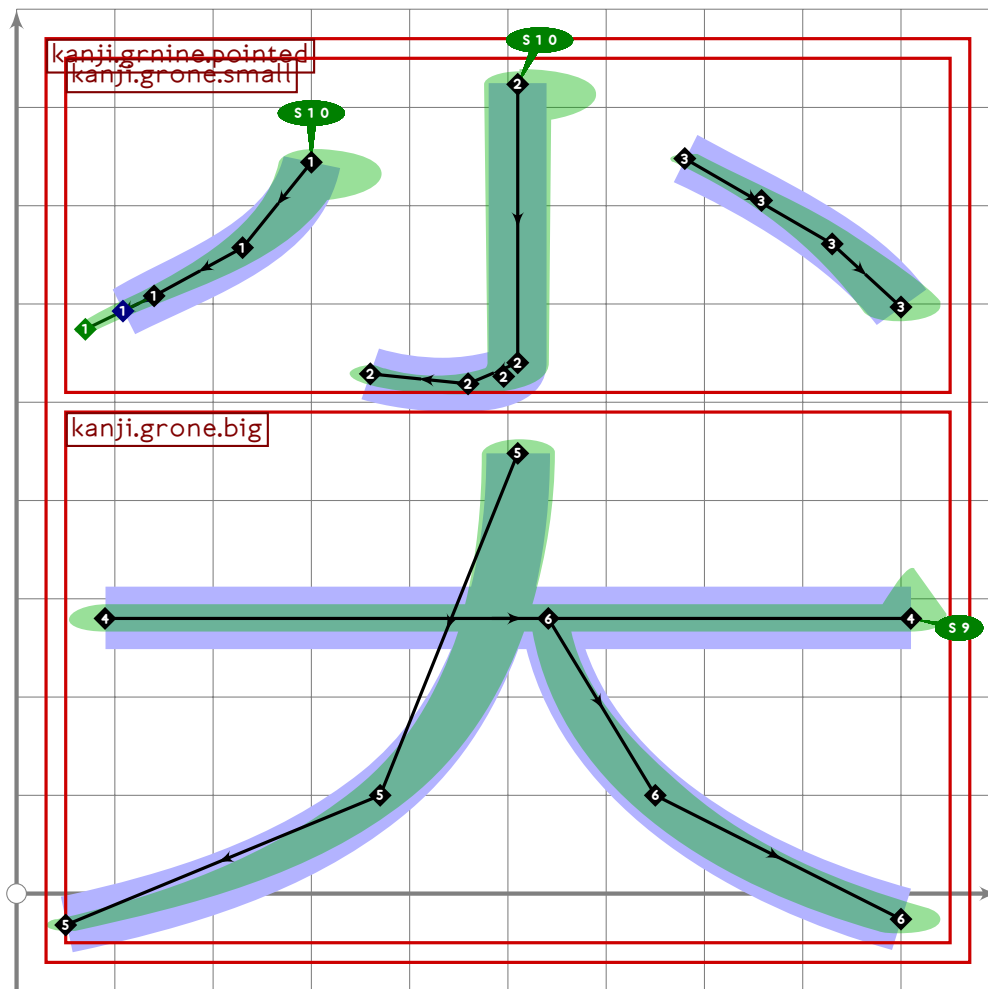
U+5C51  
tsuku.uni5C51



```

175
176 vardef kanji.grnine.chad =
177   push_pbox_toexpand("kanji.grnine.chad");
178   build_kanji.level(
179     kanji.radical.narrow_flag;
180     build_kanji.sscale(xyscaled (0.85,0.63) shifted (60,130))
181     (kanji.greight.resemblance));
182   expand_pbox;
183 enddef;

```



```

184
185 vardef kanji.grnine.pointed =
186   push_pbox_toexpand("kanji.grnine.pointed");
187   build_kanji.tb(500,-20)
188     (kanji.grone.small)
189     (kanji.grone.big);
190   expand_pbox;
191 enddef;

```

192

193

194

195 % not in dictionaries by itself, but appears as right of "professional"

196 begintsuglyph("uni5C03";3);

[see page 717]

197 kanji.rightrad.professional;

198 tsu\_render;

199 endtsuglyph;

200

201 % shuu/chii "small"

202 begintsuglyph("uni5C0F";15);

[see page 467]

203 kanji.grone.small;

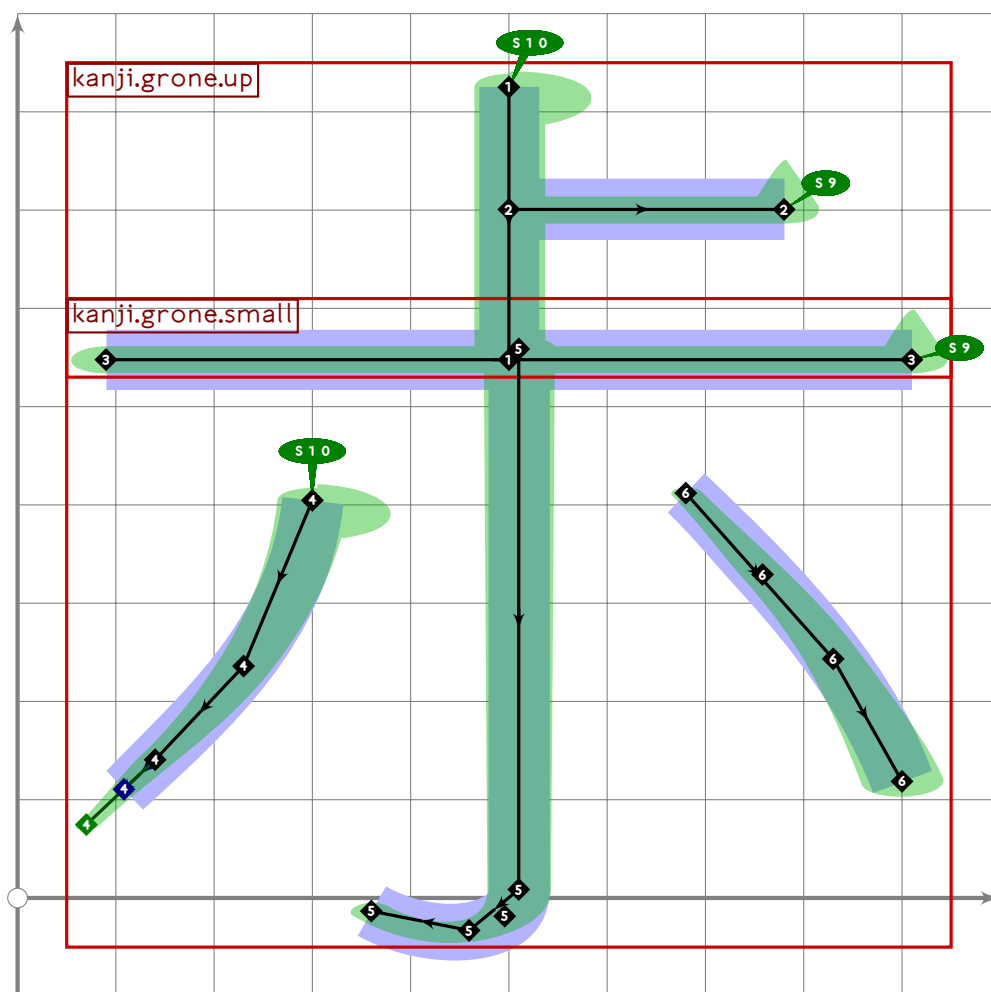
204 tsu\_render;

U+5C17  
tsuku.uni5C17

```
205 endtsuglyph;  
206  
207 % sho/suko "little"  
208 begintsuglyph("uni5C11";17);  
209   kanji.grtwo.little;  
210   tsu_render;  
211 endtsuglyph;  
212  
213 % pointed  
214 begintsuglyph("uni5C16";22);  
215   kanji.grnine.pointed;  
216   tsu_render;  
217 endtsuglyph;  
218
```

[see page 516]

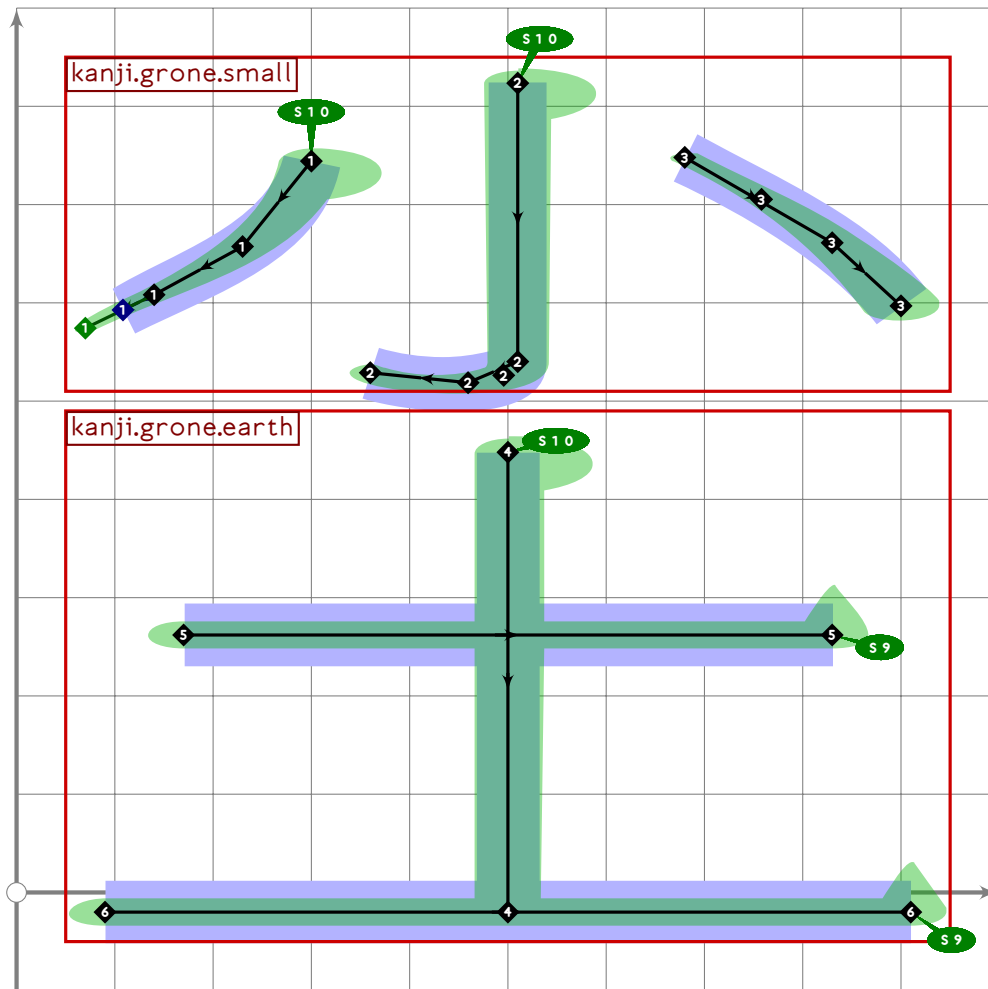
[see page 2055]



```
219 % extra "younger brother"  
220 begintsuglyph("uni5C17";23);  
221   build_kanji.level(build_kanji.tb(570,80)  
222     (kanji.grone.up  
223       (kanji.grone.small;set_boserif(-1,0,whatever))));  
224   tsu_render;  
225 endtsuglyph;
```



226



```

227 % extra
228 begintsuglyph("uni5C18";24);
229   build_kanji.tb(500,-20)
230     (kanji.grone.small)
231     (kanji.grone.earth);
232   tsu_render;
233 endtsuglyph;
234
235 % gyou/taka "high" as in mountain
236 begintsuglyph("uni5C2D";45);
237   kanji.grnine.mountain_high;
238   tsu_render;
239 endtsuglyph;
240
241 % shi/katashiro "corpse" or "flag radial"
242 begintsuglyph("uni5C38";56);
243   kanji.radical.flag;
244   tsu_render;
245 endtsuglyph;
246
```

[see page 781]

[see page 688]

247 % in/osa "a particular official rank"

248 begintsuglyph("uni5C39";57);

[see page 813]

249 kanji.rare.director;

250 tsu\_render;

251 endtsuglyph;

252

253 % shaku "foot (unit of measure)," "bamboo flute," or "blowjob"

254 begintsuglyph("uni5C3A";58);

[see page 650]

255 kanji.grsix.blowjob;

256 tsu\_render;

257 endtsuglyph;

258

259 % kou/shiri "buttocks"

260 begintsuglyph("uni5C3B";59);

[see page 2050]

261 kanji.greight.buttocks;

262 tsu\_render;

263 endtsuglyph;

264

265 % ni/ama "nun"

266 begintsuglyph("uni5C3C";60);

[see page 752]

267 kanji.greight.nun;

268 tsu\_render;

269 endtsuglyph;

270

271 % bi/o "tail"

272 begintsuglyph("uni5C3E";62);

[see page 2052]

273 kanji.greight.tail;

274 tsu\_render;

275 endtsuglyph;

276

277 % nyau "urine"

278 begintsuglyph("uni5C3F";63);

[see page 2053]

279 kanji.greight.urine;

280 tsu\_render;

281 endtsuglyph;

282

283 % kyoku/tsubone "bureau"

284 begintsuglyph("uni5C40";64);

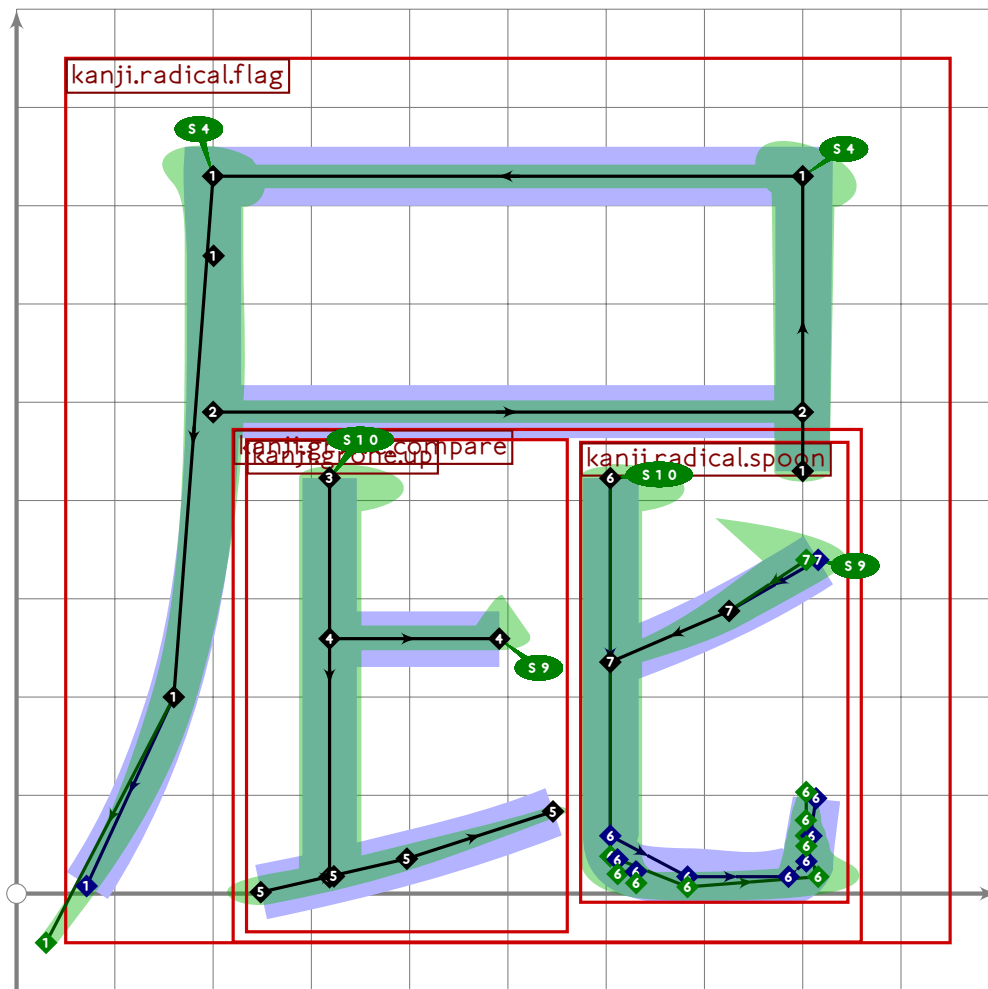
[see page 2044]

285 kanji.grthree.bureau;

286 tsu\_render;

287 endtsuglyph;

288



```

289 % extra "fart"
290 begintsuglyph("uni5C41",65);
291   build_kanji.level(
292     kanji.radical.flag;
293     build_kanji.sscaled(xyscaled (0.68,0.52) shifted (40;-170))
294     (kanji.grfive.compare));
295   tsu_render;
296 endtsuglyph;
297
298 % kyo/i "reside"
299 begintsuglyph("uni5C45",69);
300   kanji.grfive.reside;
301   tsu_render;
302 endtsuglyph;
303
304 % kutsu/kaga "bend"
305 begintsuglyph("uni5C48",72);
306   kanji.greight.bend;
307   tsu_render;
308 endtsuglyph;
309

```

[see page 2047]

[see page 2049]

U+5C4E  
tsuku.uni5C4E

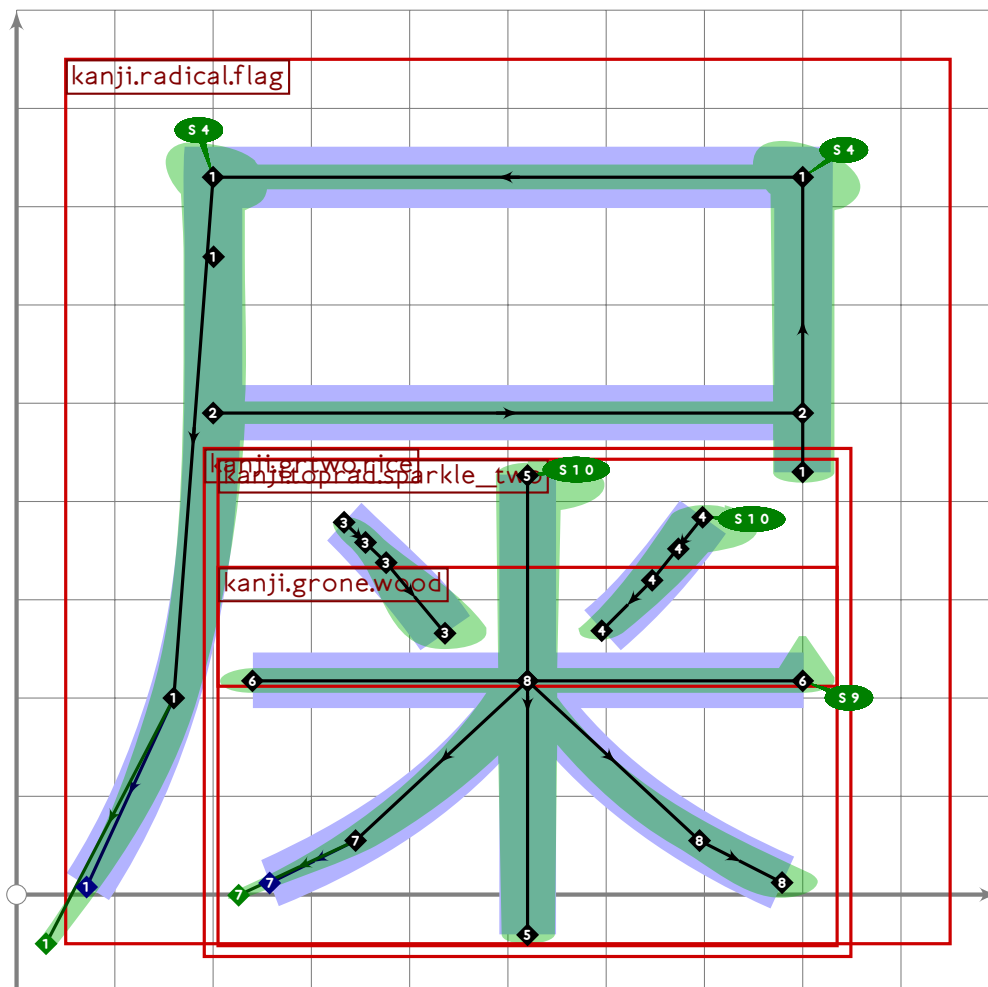
```

310 % kai/todo "notify"
311 begintsuglyph("uni5C4A";74);
312   kanji.grsix.notify;
313   tsu_render;
314 endtsuglyph;
315
316 % oku/ya "house"
317 begintsuglyph("uni5C4B";75);
318   kanji.grthree.house;
319   tsu_render;
320 endtsuglyph;
321

```

[see page 2048]

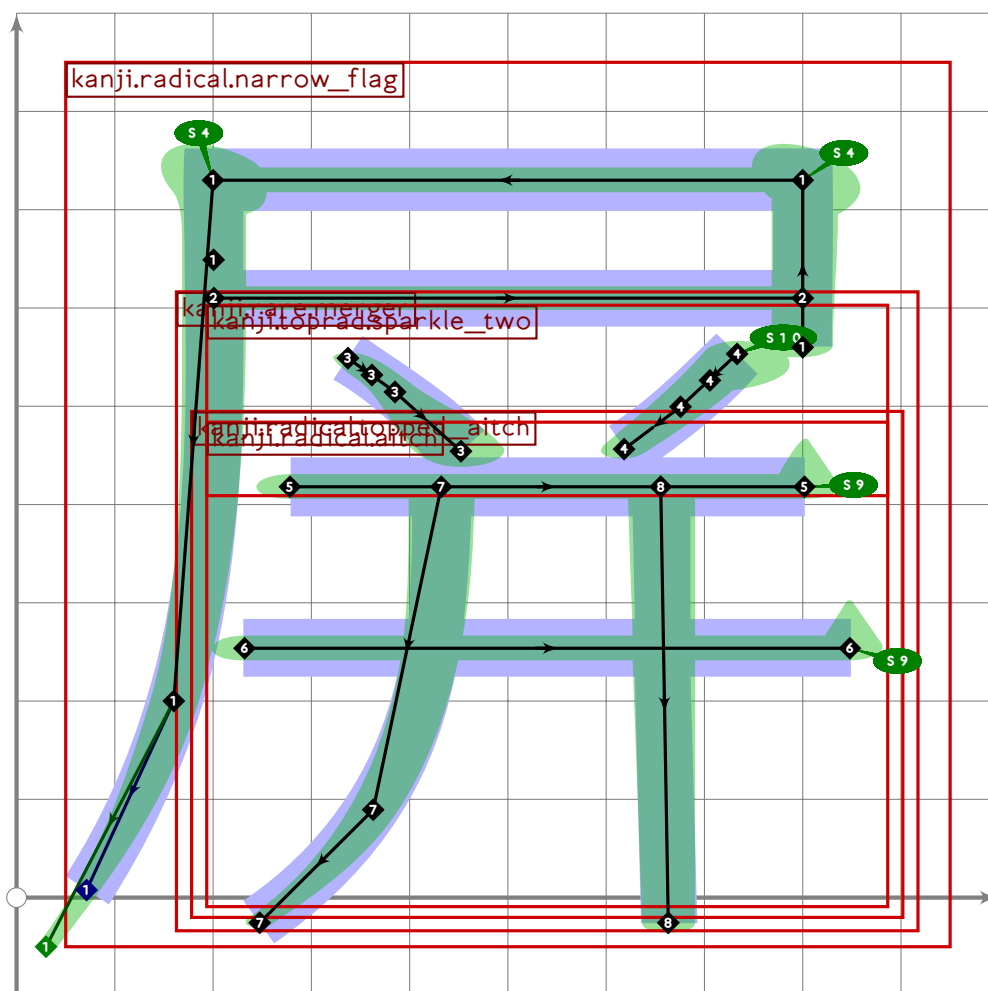
[see page 2045]



```

322 % extra "shit"
323 begintsuglyph("uni5C4E";78);
324   build_kanji.level(
325     kanji.radical.flag;
326     build_kanji.sscale(xyscaled (0.7,0.55) shifted (20;-200))
327     (kanji.grtwo.rice));
328   tsu__render;
329 endtsuglyph;
330

```



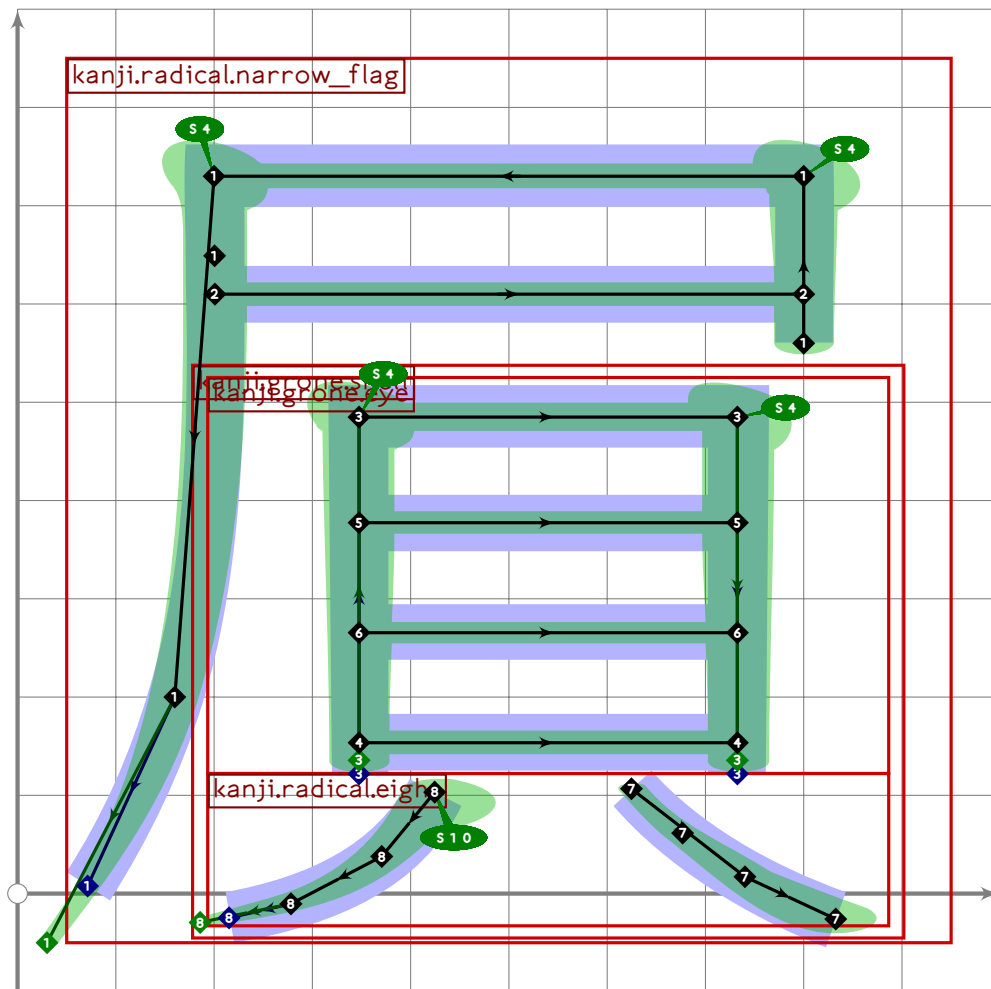
```

331 % extra "fence"
332 begintsuglyph("uni5C4F";79);
333   build_kanji.level(
334     kanji.radical.narrow_flag;
335     build_kanji.sscale(xyscaled (0.77,0.68) shifted (40,-100))
336     (kanji.rare.merger));
337   tsu_render;
338 endtsuglyph;
339
340 % setsu/kuzu "chad"
341 begintsuglyph("uni5C51";81);
342   kanji.grnine.chad;
343   tsu_render;
344 endtsuglyph;
345

```

[see page 2054]

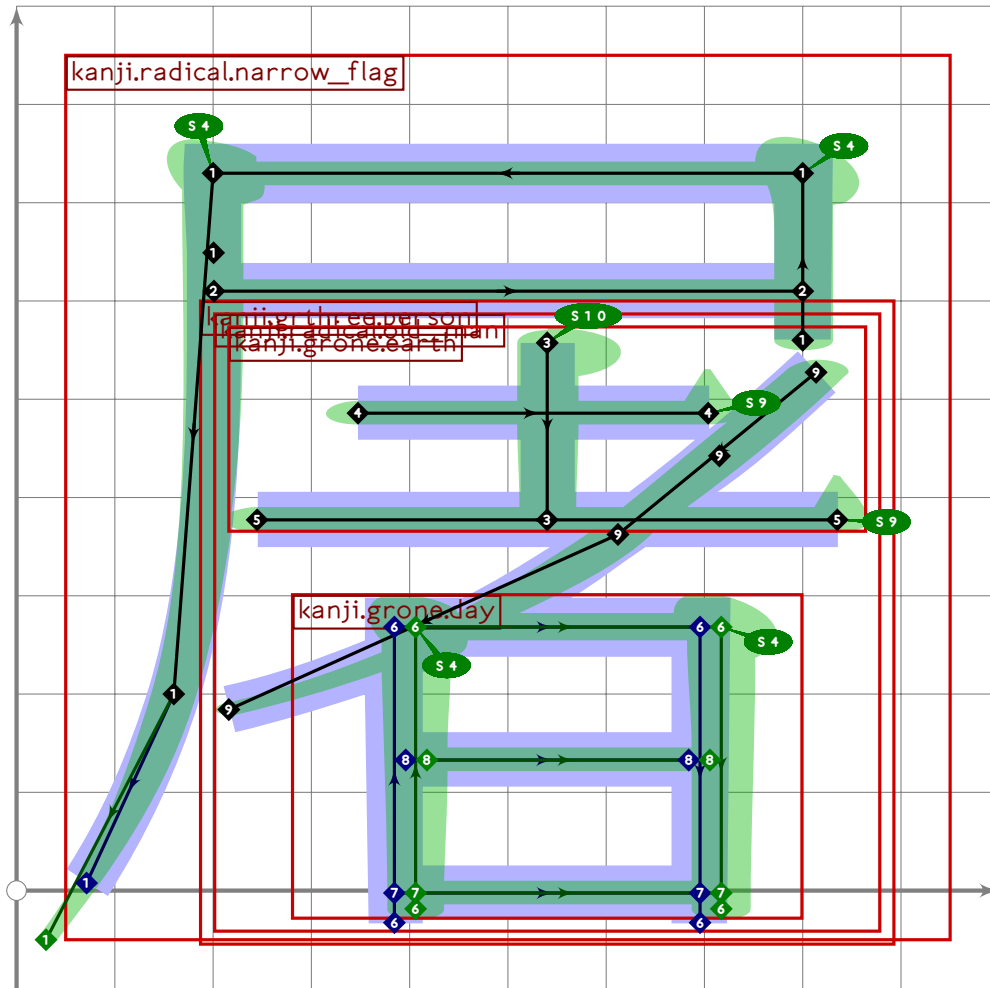
U+5C53  
tsuku.uni5C53



```

346 % extra "exerting strength, in aikido"
347 begintsuglyph("uni5C53",83);
348   build_kanji.level(
349     kanji.radical.narrow_flag;
350     build_kanji.sscale(xyscaled (0.77,0.62) shifted (40,-150))
351     (kanji.grone.shell));
352   tsu_render;
353 endtsuglyph;
354

```



```

355 % extra "slaughter"
356 begintsuglyph("uni5C60";96);
357   build_kanji.level(
358     kanji.radical.narrow_flag;
359     build_kanji.sscale(xyscaled (0.72,0.66) shifted (40,-120))
360     (kanji.grthree.person));
361   tsu_render;
362 endtsuglyph;
363
364 % yama/san "mountain"
365 begintsuglyph("uni5C71";113);
366   kanji.grone.mountain;
367   tsu_render;
368 endtsuglyph;
369
370 % kou/oka "hill"
371 begintsuglyph("uni5CA1";161);
372   kanji.greight.hill;
373   tsu_render;
374 endtsuglyph;
375

```

[see page 447]

[see page 2051]

```

376 % gan/iwa "rock"
377 begintsuglyph("uni5CA9";169);
378 kanji.grtwo.rock;
379 tsu_render;
380 endtsuglyph;
381
382 % gan/kishi "beach"
383 begintsuglyph("uni5CB8";184);
384 kanji.grthree.beach;
385 tsu_render;
386 endtsuglyph;
387
388 % tou/shima "island"
389 begintsuglyph("uni5CF6";246);
390 kanji.grthree.island;
391 tsu_render;
392 endtsuglyph;
393
394 _____
395
396 endfont;
397
398 _____

```

[see page 2042]

[see page 2043]

[see page 2046]



# tsuku-5d.mp

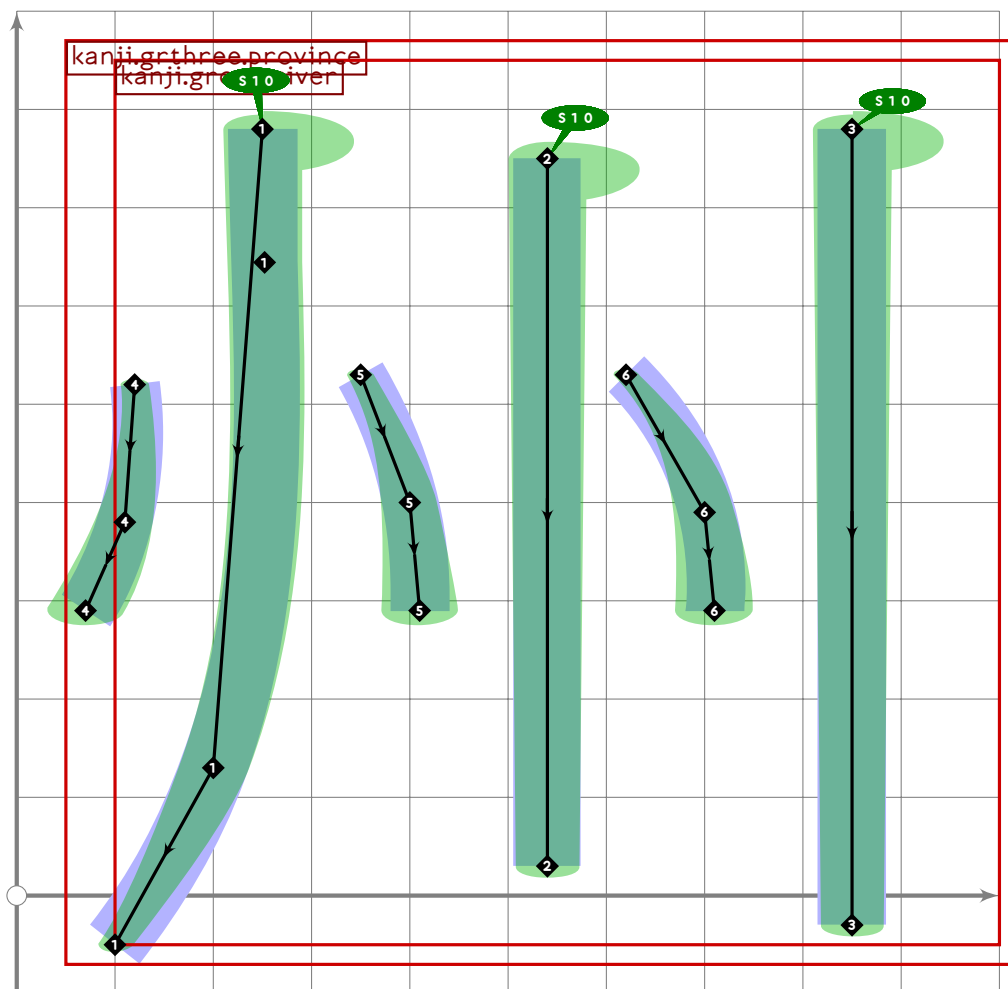
```
1 %
2 % Unicode page 5D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

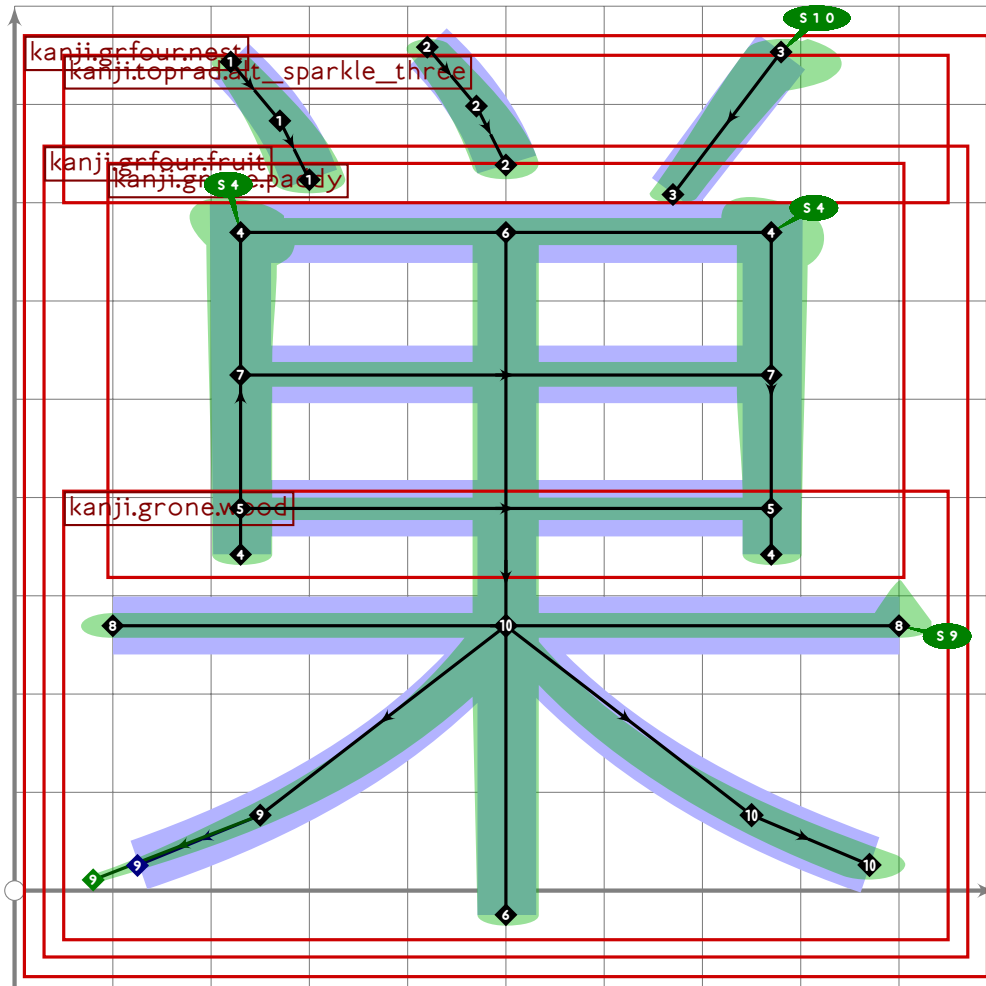

```



```

51
52 vardef kanji.grthree.province =
53   push_pbox_toexpand("kanji.grthree.province");
54   tsu_xform(identity shifted (50,0))(kanji.grone.river);
55   push_stroke((120,520)..(110,380)..(70,290),
56     (1,1)–(1.5,1.5)–(1.8,1.8));
57   set_bosize(0,82);
58   push_stroke((350,530)..(400,400)..(410,290),
59     (1,1)–(1.4,1.4)–(1.8,1.8));
60   set_bosize(0,82);
61   push_stroke((620,530)..(700,390)..(710,290),
62     (1,1)–(1.5,1.5)–(1.8,1.8));
63   set_bosize(0,82);
64   expand_pbox;
65 enddef;
66
67

```

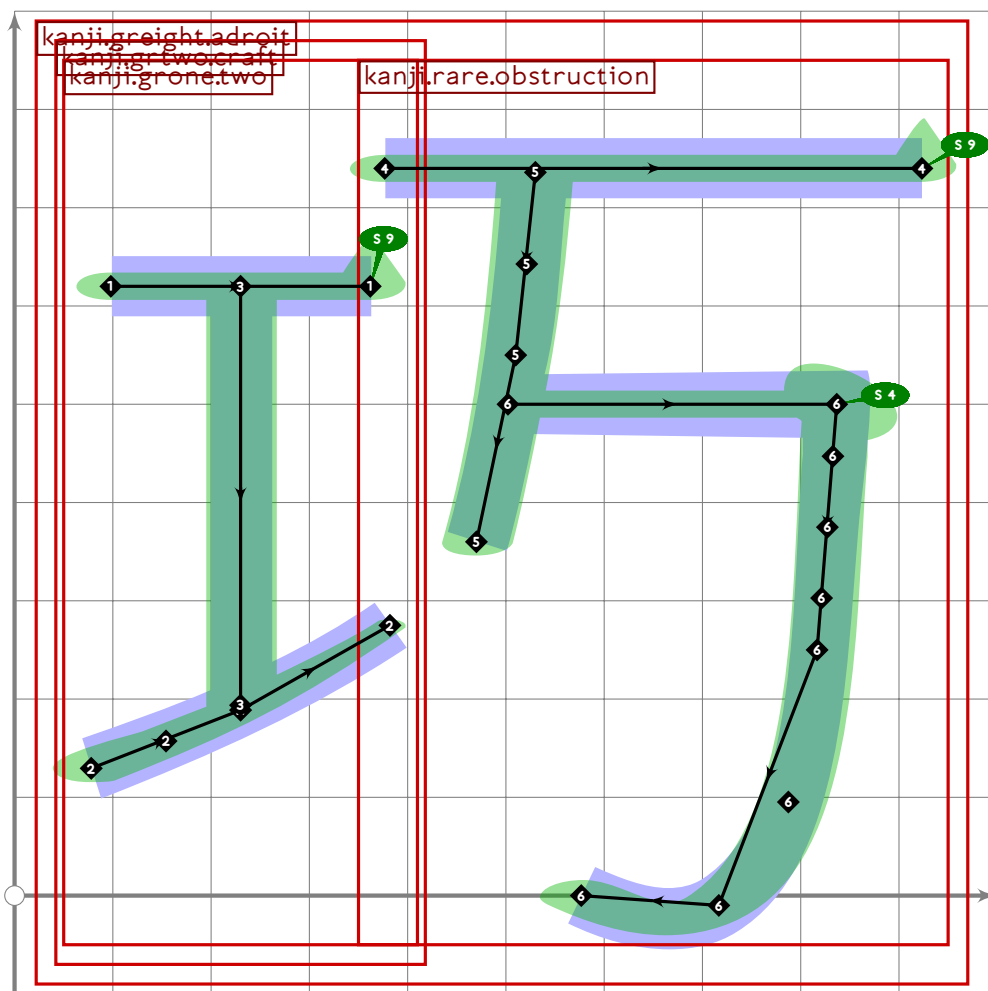


```

68
69 vardef kanji.grfour.nest =
70   push_pbox_toexpand("kanji.grfour.nest");
71   build_kanji.level(build_kanji.tb(720,40)
72     (kanji.toprad.alt_sparkle_three)
73     (kanji.grfour.fruit));
74   expand_pbox;
75 enddef;
76
77

```

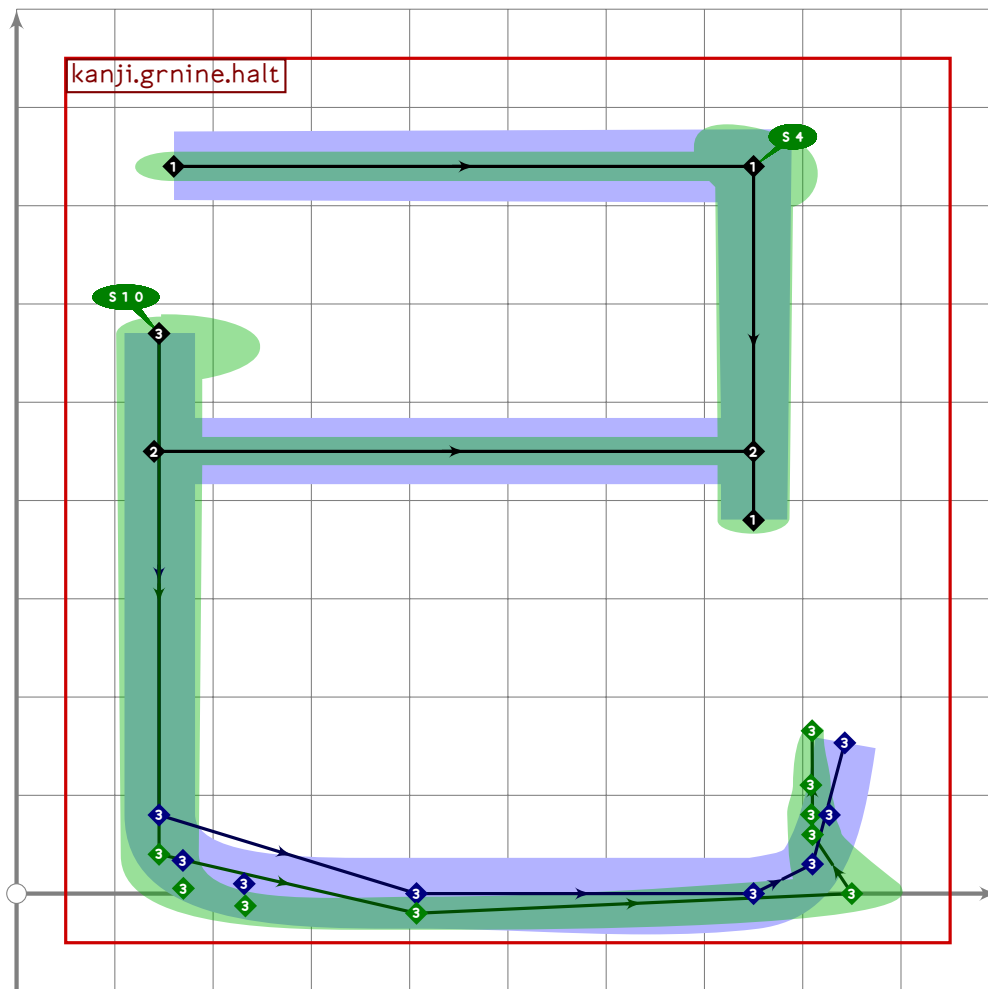
U+5DE7  
tsuku.uni5DE7



```

78
79 vardef kanji.greight.adroit =
80   push_pbox_toexpand("kanji.greight.adroit");
81   build_kanji.level(build_kanji.lr(380,60)
82     (build_kanji.lift_skirt(400,250)
83       (kanji.grtwo.craft))
84     (kanji.rare.obstruction));
85   expand_pbox;
86 enddef;
87
88

```



```

89
90 vardef kanji.grnine.halt =
91   push_pbox_toexpand("kanji.grnine.halt");
92   push_stroke((160,740)–(750,740)–(750,380),
93     (1.6,1.6)–(1.6,1.6)–(1.5,1.5));
94   set_botip(0,1,1);
95   set_boserif(0,1,4);
96   push_stroke((140,450)–(750,450),
97     (1.5,1.5)–(1.5,1.5));
98   push_stroke((145,570),(1.7,1.7));
99   set_boserif(0,0,10);
100   build_kanji.add_ltail(0);
101   expand_pbox;
102 enddef;
103
104
105
106 % hou/kuzu "demolish"
107 beginsuglyph("uni5D29";41);
108 kanji.greight.demolish;
109 tsu_render;

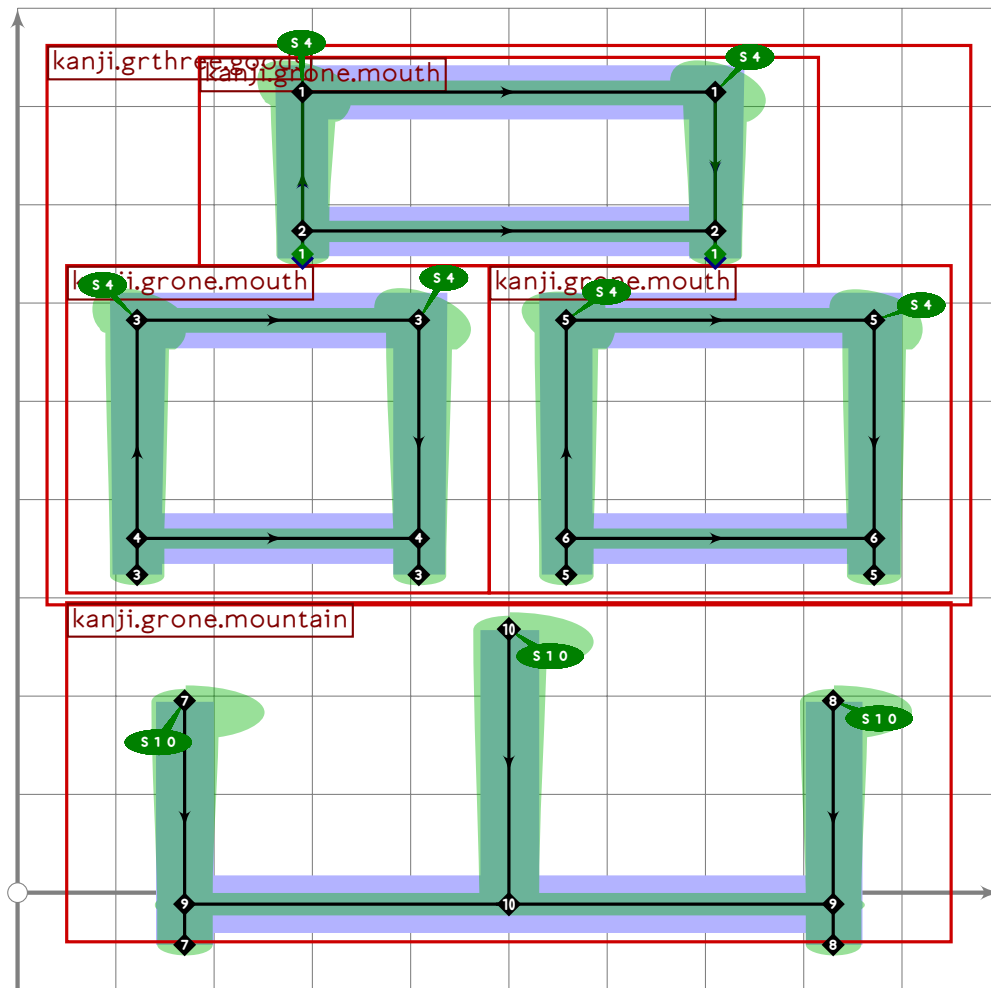
```

[see page 732]

U+5D52  
tsuku.uni5D52

110 endtsuglyph;

111



112 % extra

113 begint Suglyph("uni5D52";82);

114 build\_kanji.tb(300;10)

115 (kanji.grthree.goods)

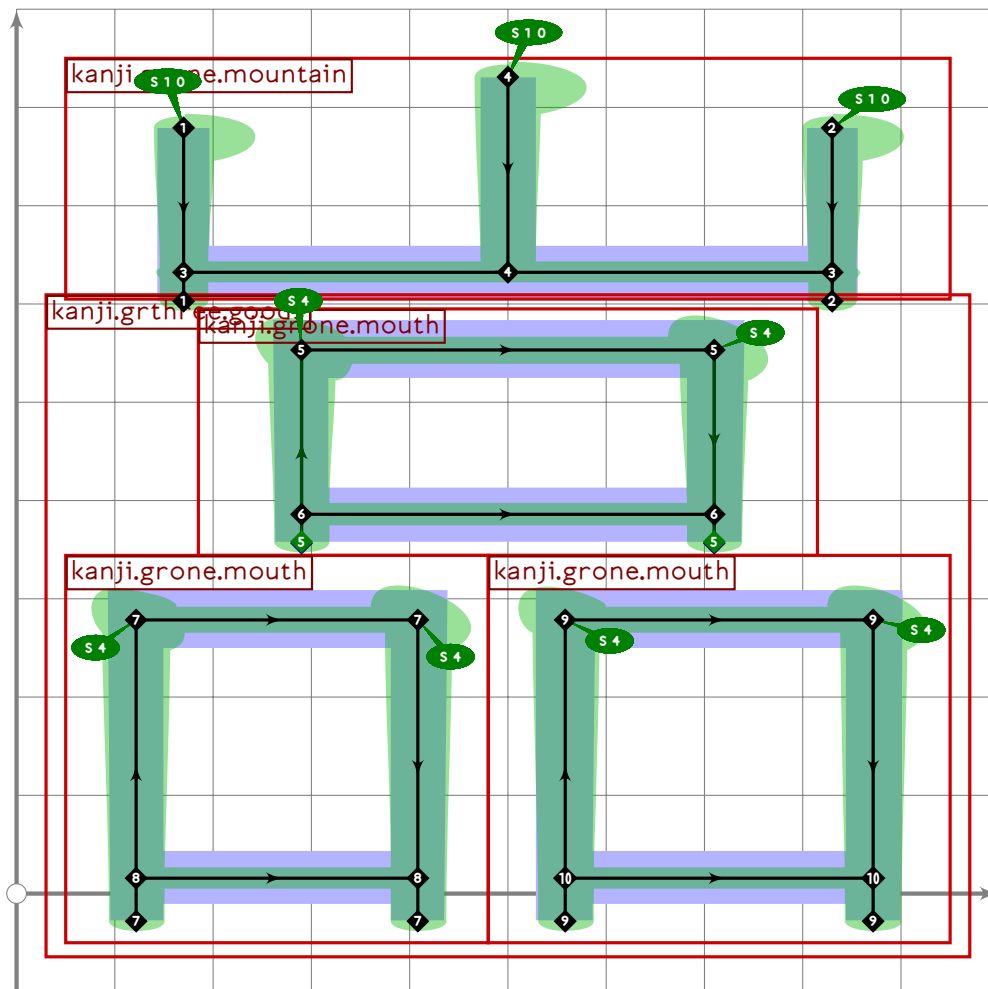
116 (kanji.grone.mountain);

117 tsu\_render;

118 endtsuglyph;

119

5D



```

120 % extra
121 begintsuglyph("uni5D53";83);
122   build_kanji.level(build_kanji.tb(600,-10)
123     (kanji.grthree.mountain)
124     (kanji.grthree.goods));
125   tsu_render;
126 endtsuglyph;
127
128 % kawa "river"
129 begintsuglyph("uni5DDD";221);
130   kanji.grthree.river;
131   tsu_render;
132 endtsuglyph;
133
134 % shuu "province"
135 begintsuglyph("uni5DDE";222);
136   kanji.grthree.province;
137   tsu_render;
138 endtsuglyph;
139
140 % sou/su "nest"

```

[see page 461]

[see page 2066]

```

141 begintsuglyph("uni5DE3";227); [see page 2067]
142   kanji.grfour.nest;
143   tsu_render;
144 endtsuglyph;
145
146 % takumi "craft"
147 begintsuglyph("uni5DE5";229); [see page 492]
148   kanji.grtwo.craft;
149   tsu_render;
150 endtsuglyph;
151
152 % hidari "left"
153 begintsuglyph("uni5DE6";230); [see page 443]
154   kanji.grone.left;
155   tsu_render;
156 endtsuglyph;
157
158 % kou/taku "adroit"
159 begintsuglyph("uni5DE7";231); [see page 2068]
160   kanji.greight.adroit;
161   tsu_render;
162 endtsuglyph;
163
164 % ko/ki "self" (dict. says also "snake" but almost no words use it that way)
165 begintsuglyph("uni5DF1";241); [see page 661]
166   kanji.grsix.self;
167   tsu_render;
168 endtsuglyph;
169
170 % i/ya "halt"
171 begintsuglyph("uni5DF2";242); [see page 2069]
172   kanji.grnine.halt;
173   tsu_render;
174 endtsuglyph;
175
176 % shi/mi "snake zodiac sign"
177 begintsuglyph("uni5DF3";243); [see page 789]
178   kanji.grnine.snake_sign;
179   tsu_render;
180 endtsuglyph;
181
182 % ha/tomoe "tomoe"
183 begintsuglyph("uni5DF4";244); [see page 795]
184   kanji.grnine.tomoe;
185   tsu_render;
186 endtsuglyph;
187
188 % kou/chimata "fork in the road"

```



```

189 begintsuglyph("uni5DF7";247);
190   kanji.grnine.fork_in_the_road;
191   tsu_render;
192 endtsuglyph;
193
194 % son/tatsumi "southeast"
195 begintsuglyph("uni5DFD";253);
196   kanji.grnine.southeast;
197   tsu_render;
198 endtsuglyph;
199
200 % kin/oo/haaba "towel" or "hanging scroll"
201 begintsuglyph("uni5DFE";254);
202   kanji.greight.towel;
203   tsu_render;
204 endtsuglyph;
205
206 _____
207
208 endfont;
209
210 _____

```

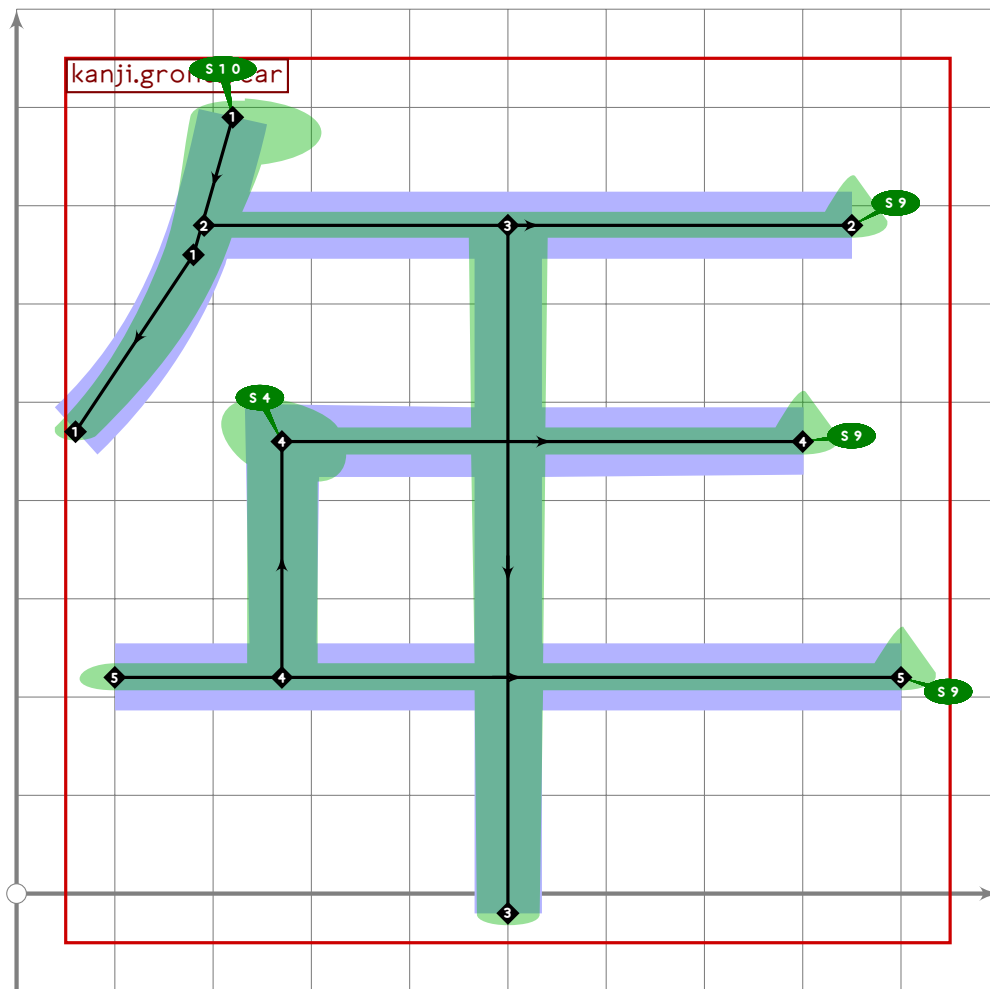
[see page 778]

[see page 790]

[see page 767]

# tsuku-5e.mp

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

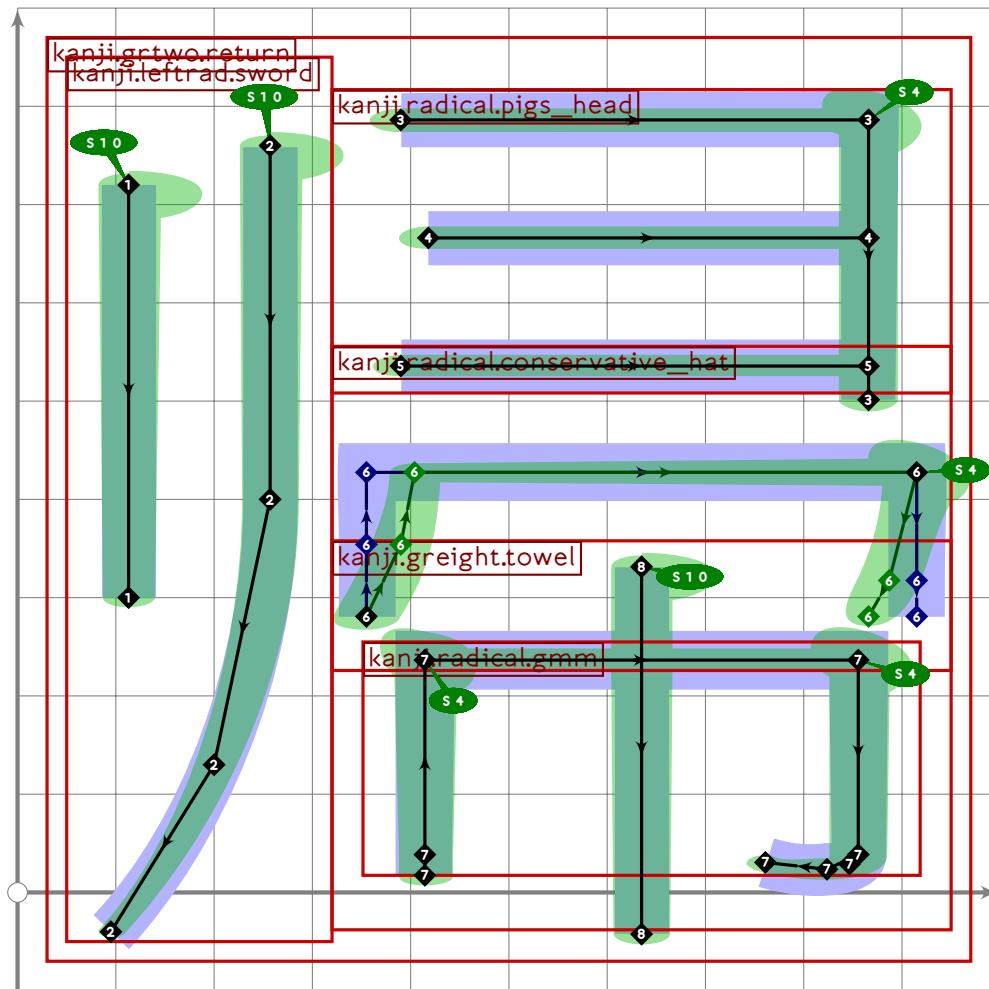


```

52
53 vardef kanji.grone.year =
54   push_pbox_toexpand("kanji.grone.year");
55   push_stroke((220,790){curl 01}..(180,650)..(60,470),
56     (1,7,1,7)-(1,4,1,4)-(1,1,1,1));
57   set_boserif(0,0,10);
58   push_stroke(
59     (((0,680)-(1000,680)) intersectionpoint get_stroke(0))-(850,680),
60     (1,4,1,4)-(1,5,1,5));
61   set_boserif(0,1,9);
62   push_stroke((500,680)-(500,-20),(1,6,1,6)-(1,4,1,4));
63   push_stroke((270,220)-(270,460)-(800,460),
64     (1,5,1,5)-(1,5,1,5)-(1,5,1,5));
65   set_botip(0,1,1);
66   set_boserif(0,1,4);
67   set_boserif(0,2,9);
68   push_stroke((100,220)-(900,220),(1,5,1,5)-(1,5,1,5));
69   set_boserif(0,1,9);
70   expand_pbox;
71 enddef;
72

```

73

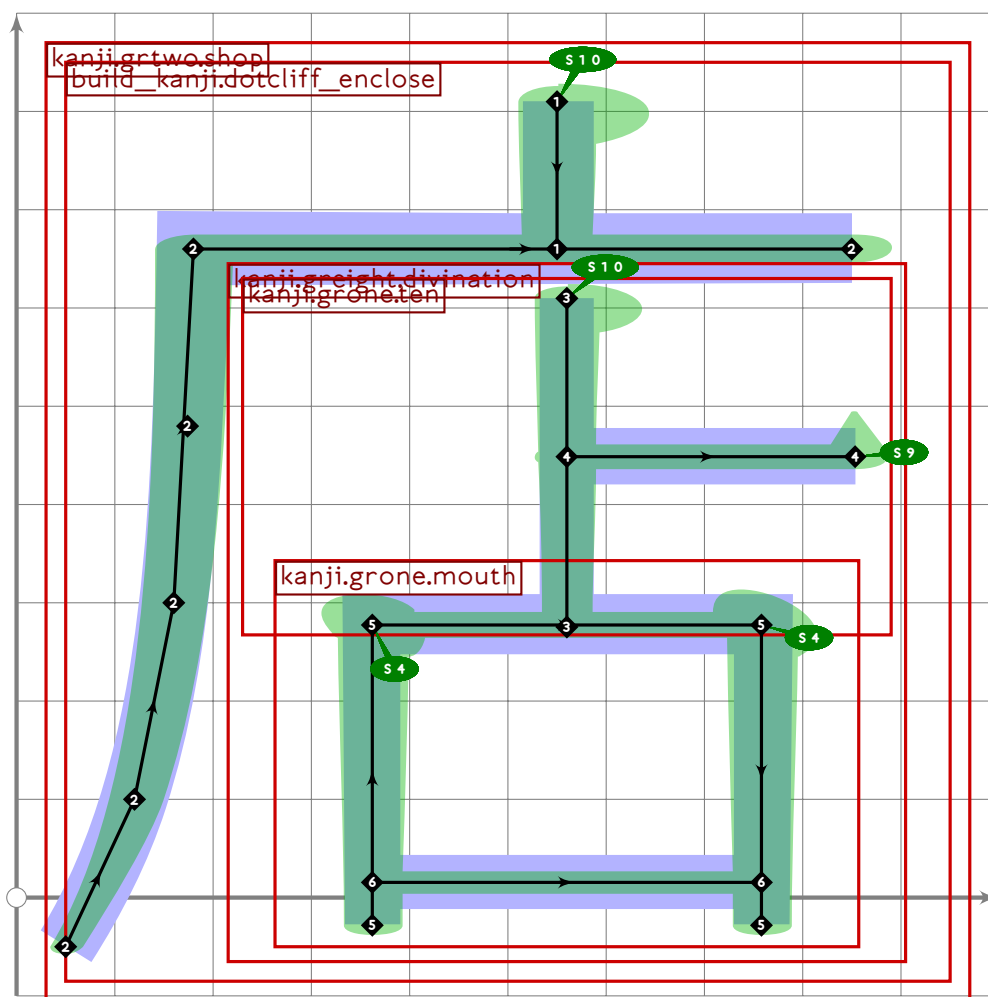


74

```

75 vardef kanji.grtwo.return =
76   push_pbox_toexpand("kanji.grtwo.return");
77   % can't just invoke "broom" because of Japanese style difference
78   % between "pig's snout" and "pig's head" radicals
79   build_kanji.level(build_kanji.lr(320,0)
80     (kanji.leftrad.sword)
81     (build_kanji.sscale(yscaled 0.95 shifted (0,-10))
82       (build_kanji.tb(550,50)
83         (kanji.radical.pigs_head)
84         (build_kanji.tb(450,200)
85           (kanji.radical.conservative_hat)
86           (kanji.greight.towel))));
87   expand_pbox;
88 enddef;

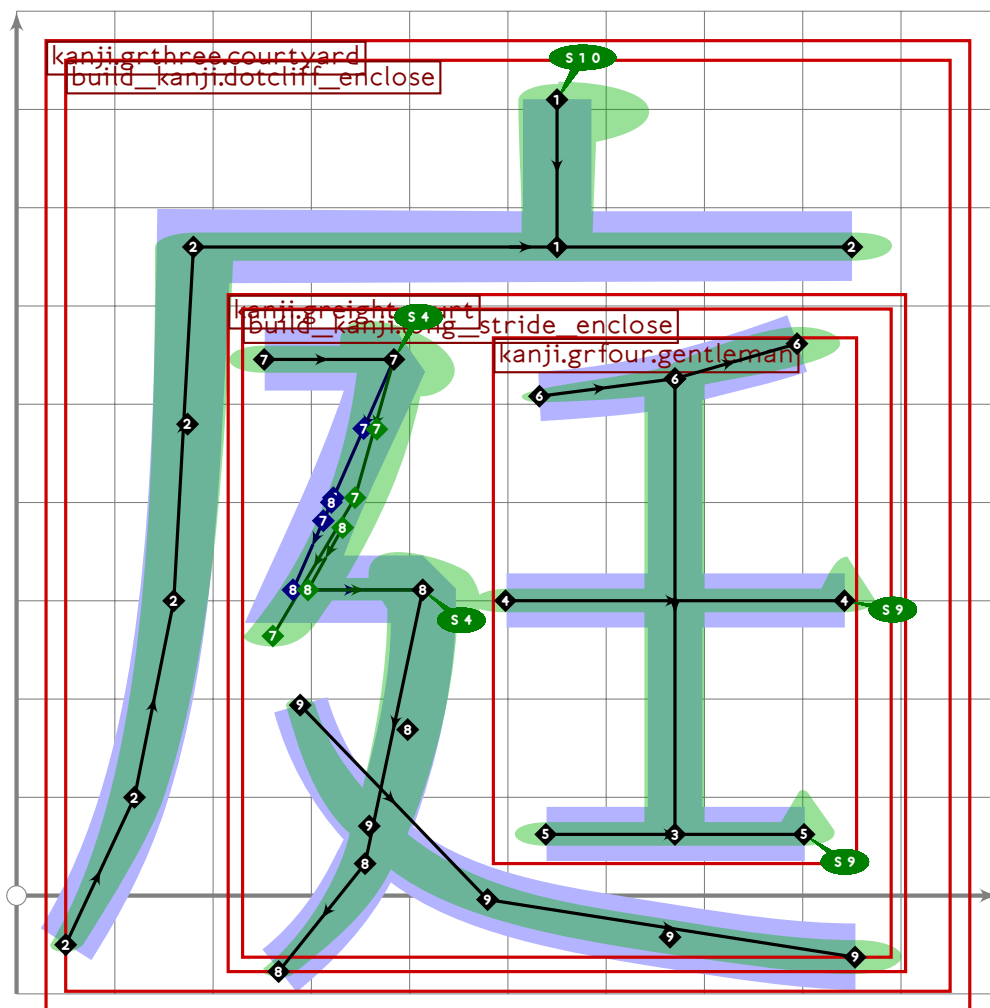
```



```

89
90 vardef kanji.grtwo.shop =
91   push_pbox_toexpand("kanji.grtwo.shop");
92   build_kanji.dotcliff_enclose(kanji.greight.divination);
93   expand_pbox;
94 enddef;
95
96

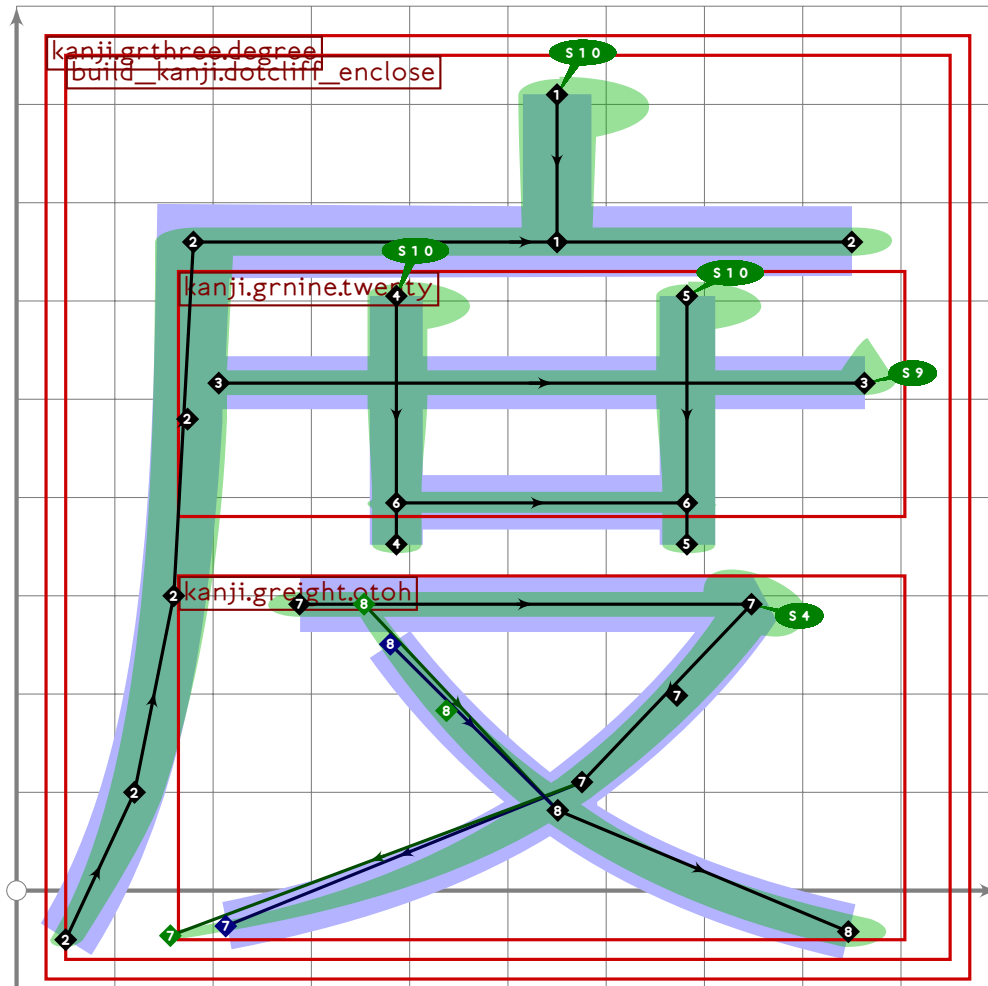
```



```

97
98 vardef kanji.grthree.courtyard =
99   push_pbox_toexpand("kanji.grthree.courtyard");
100   build_kanji.dotcliff_enclose(
101     build_kanji.sscale(yscaled 0.97 shifted (0;30))(kanji.greight.court));
102   expand_pbox;
103 enddef;

```

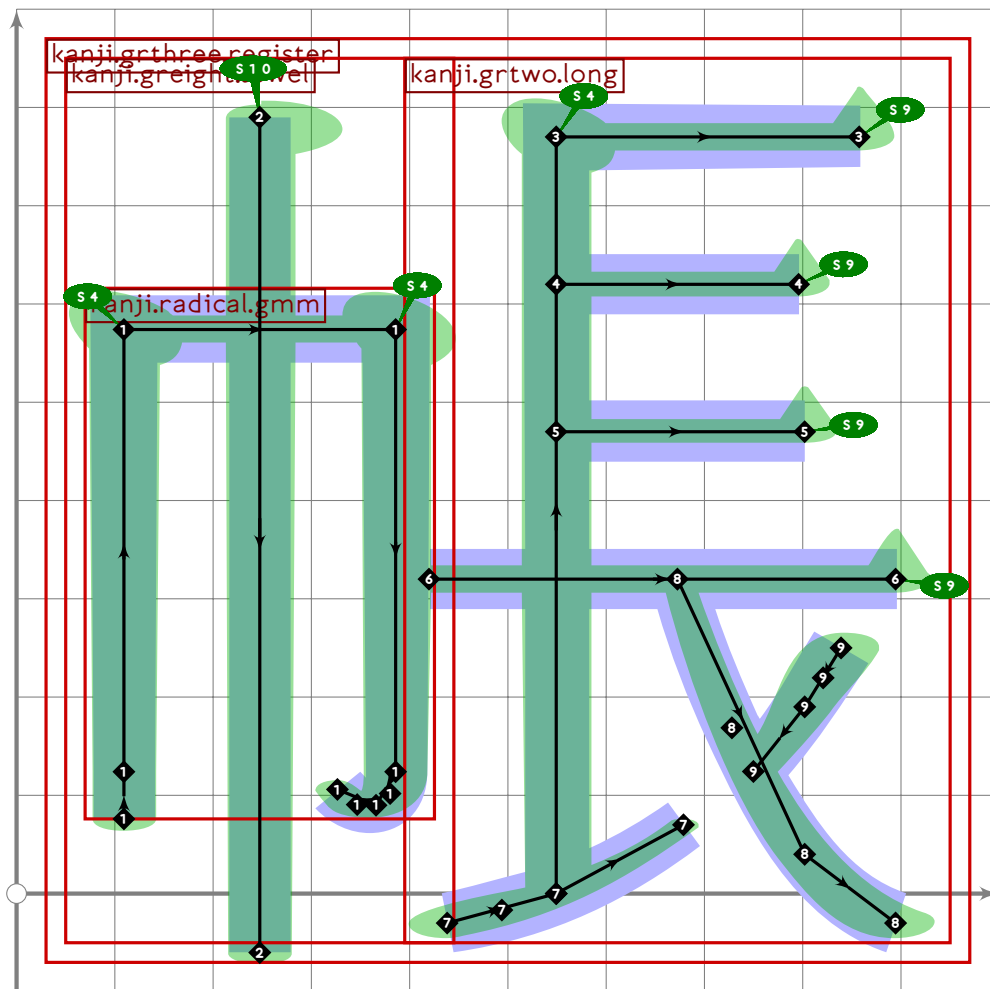


```

104
105 vardef kanji.grthree.degree =
106   push_pbox_toexpand("kanji.grthree.degree");
107   build_kanji.dotcliff_enclose(build_kanji.level(
108     build_kanji.sscale(xscaled 1.12 shifted (-35,0))(build_kanji.tb(480,-80)
109       (kanji.grnine.twenty)
110       (kanji.greight.otoh))));
111   expand_pbox;
112 enddef;

```

U+5E33  
tsuku.uni5E33

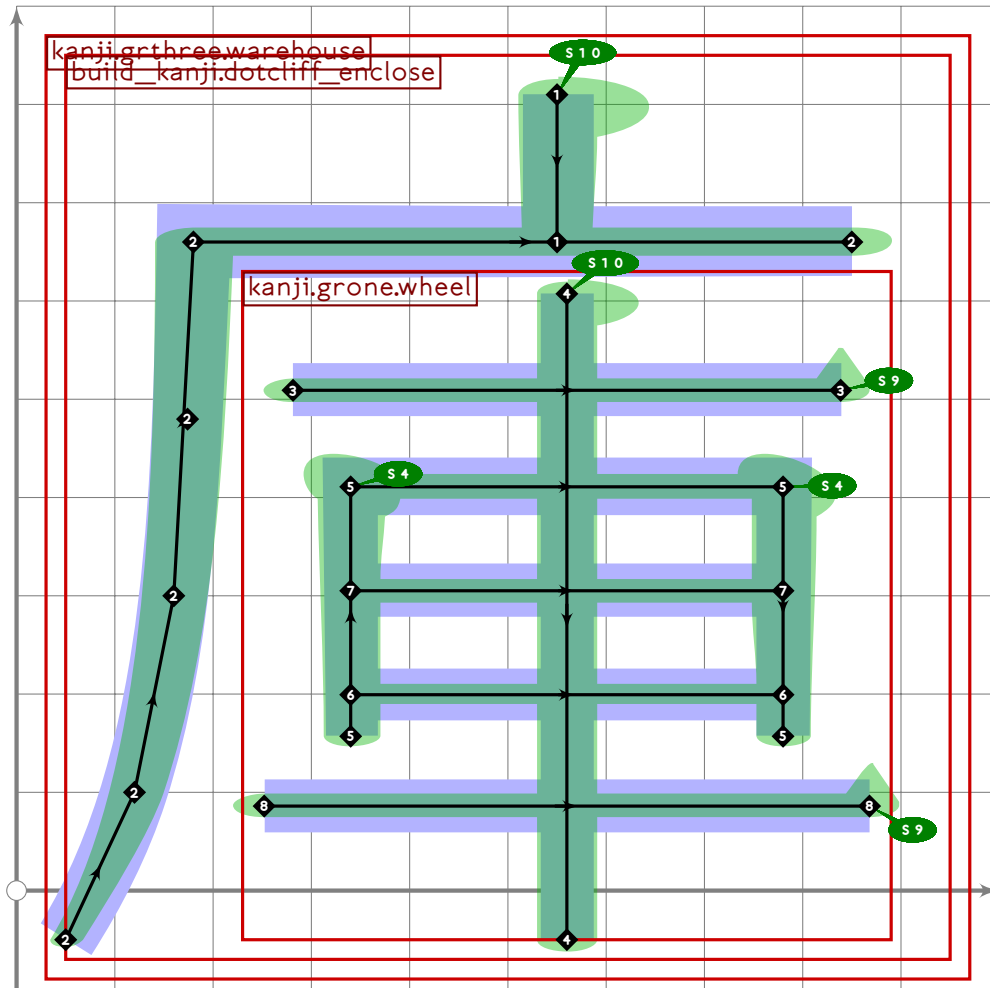


```

113
114 vardef kanji.grthree.register =
115   push_pbox_toexpand("kanji.grthree.register");
116   build_kanji.level(build_kanji.lr(420,50)
117     (kanji.greight.towel)
118     (kanji.grtwo.long));
119   expand_pbox;
120 enddef;

```



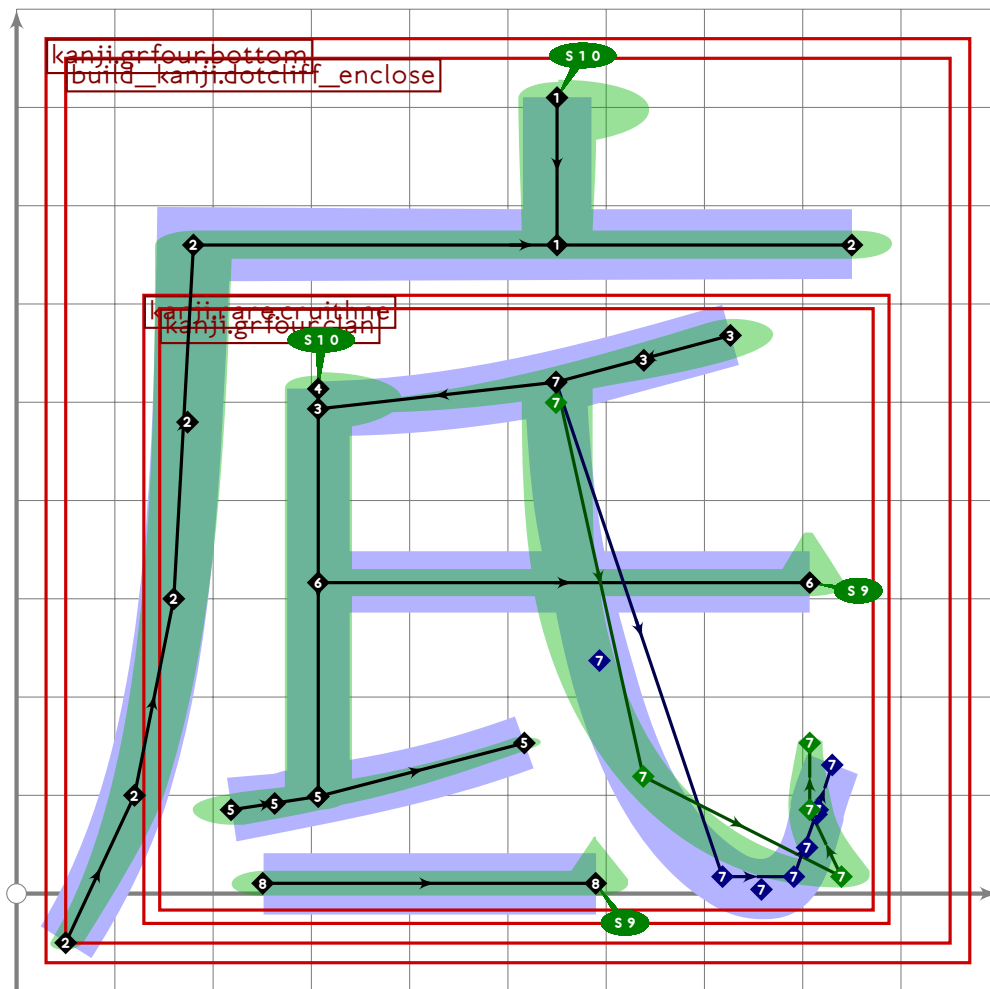


```

121
122 vardef kanji.grthree.warehouse =
123   push_pbox_toexpand("kanji.grthree.warehouse");
124   build_kanji.dotcliff_enclose(kanji.grone.wheel);
125   expand_pbox;
126 enddef;
127
128

```

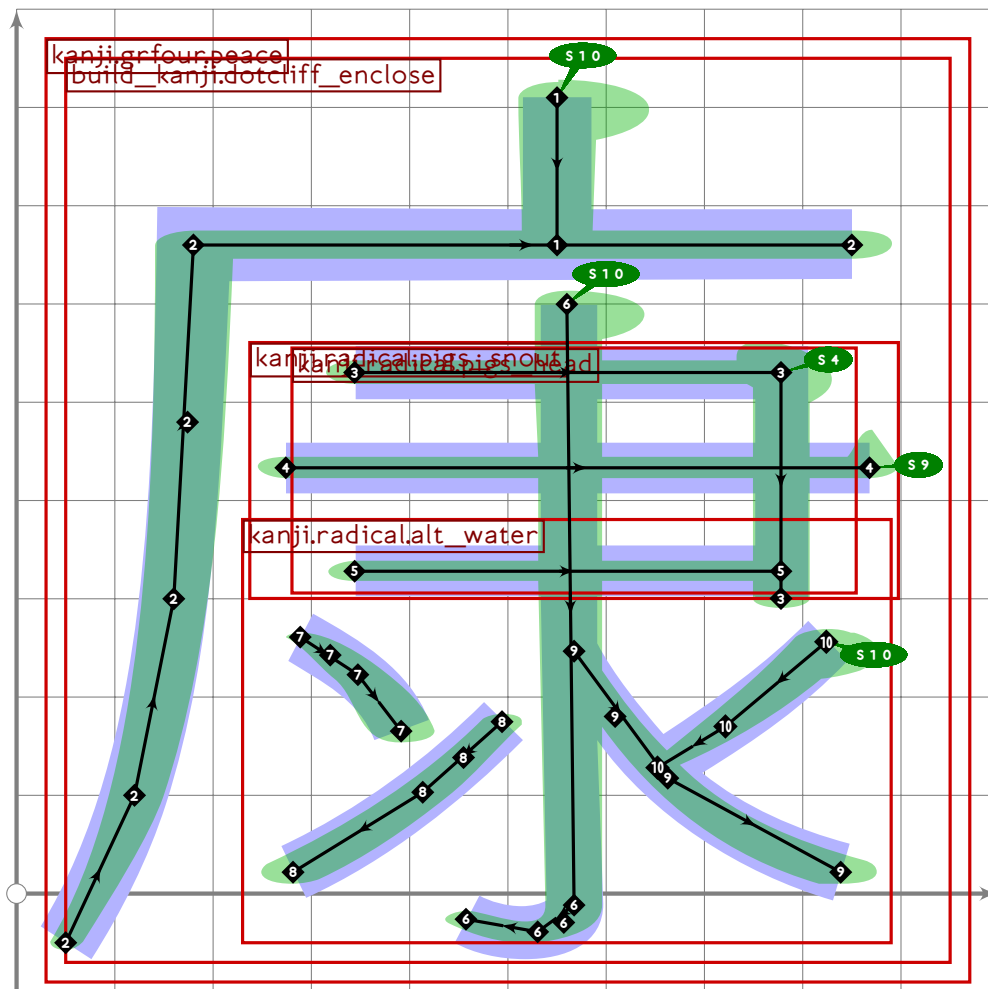
U+5E95  
tsuku.uni5E95



```

129
130 vardef kanji.grfour.bottom =
131   push_pbox_toexpand("kanji.grfour.bottom");
132   build_kanji.dotcliff_enclose
133     (build_kanji.sscale(xyscaled (1,0.9) shifted (-70,0))
134       (kanji.rare.cruithne));
135   expand_pbox;
136 enddef;

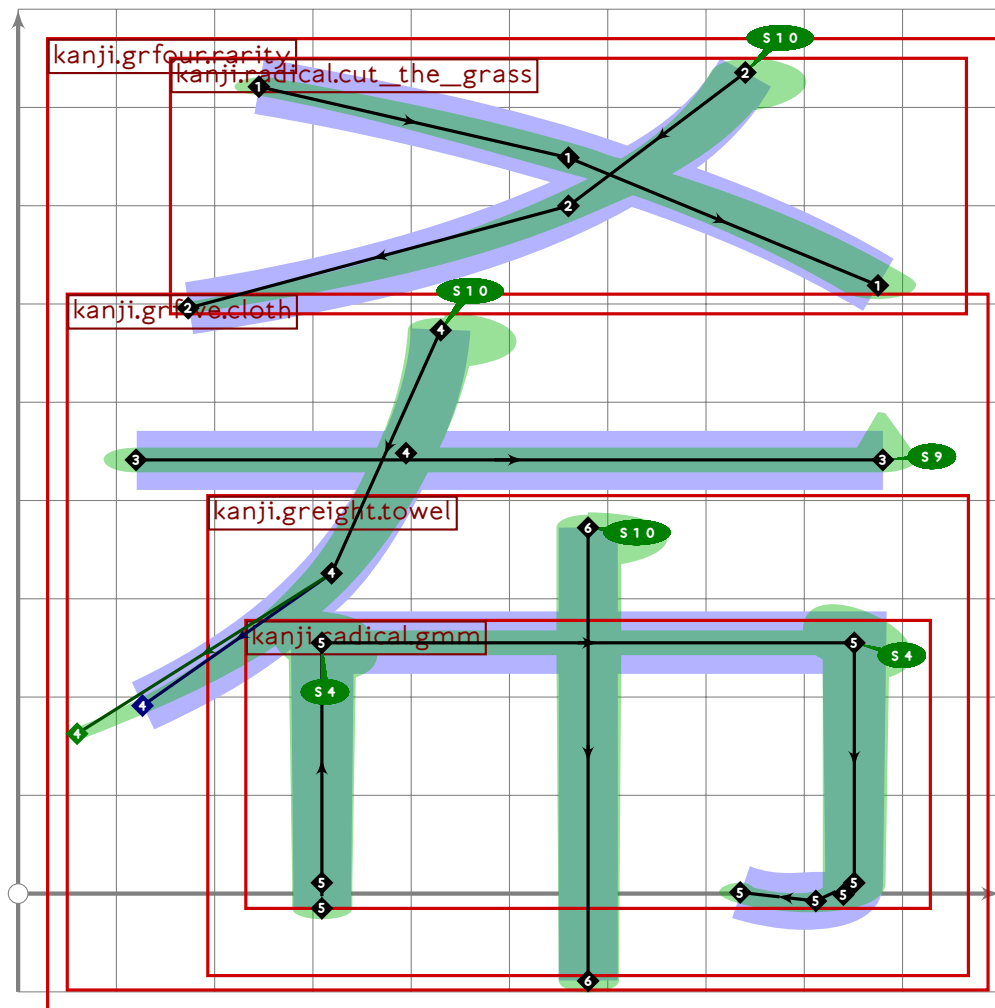
```



```

137
138 vardef kanji.grfour.peace =
139   push_pbox_toexpand("kanji.grfour.peace");
140   build_kanji.dotcliff_enclose(build_kanji.tb(520,0)
141     (tsu_xform(identity shifted (10;270))
142       (kanji.radical.pigs_snout))
143     (kanji.radical.alt_water);
144   replace_strokep(-4)((500,810)-subpath (1,infinity) of oldp));
145   expand_pbox;
146 enddef;

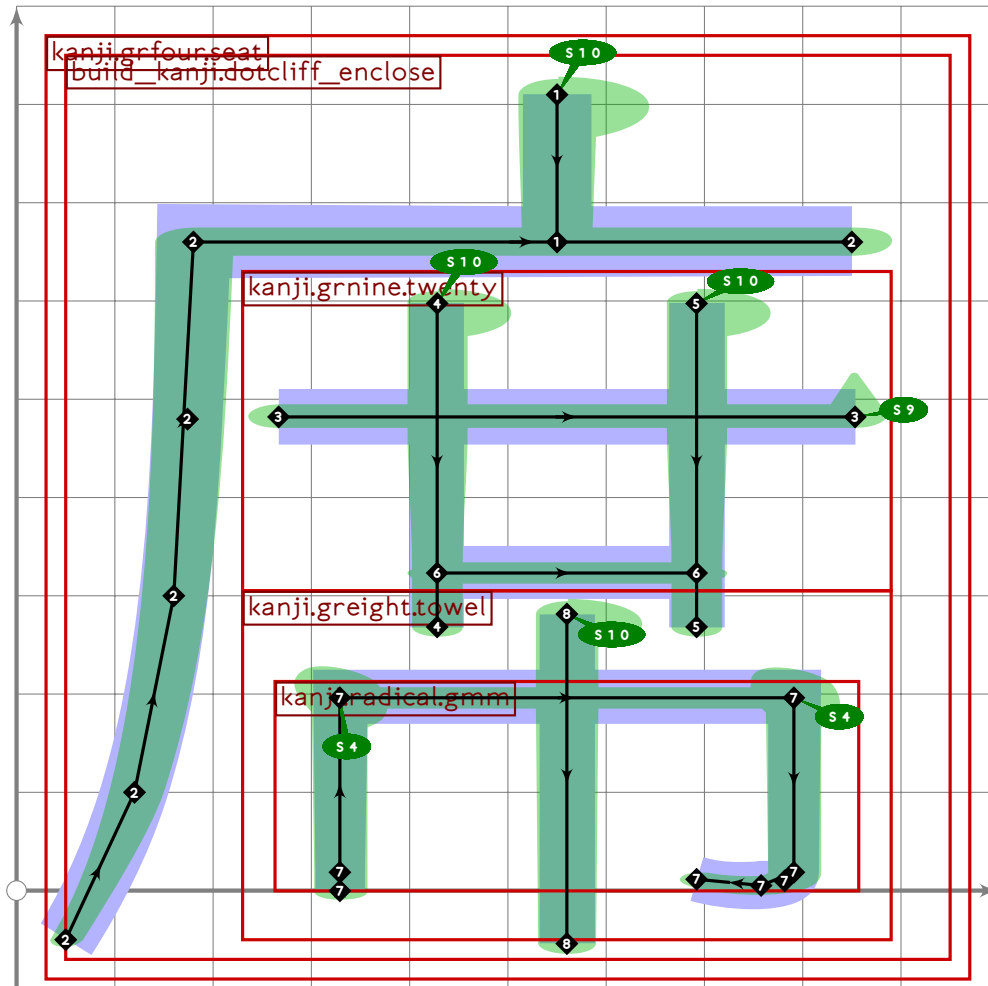
```



```

147
148 vardef kanji.grfour.rarity =
149   push_pbox_toexpand("kanji.grfour.rarity");
150   build_kanji.level(build_kanji.tb(600,20)
151     (build_kanji.sscale(xscaled 0.9 shifted (60,0))
152       (kanji.radical.cut_the_grass))
153     (kanji.grfive.cloth));
154   expand_pbox;
155 enddef;

```

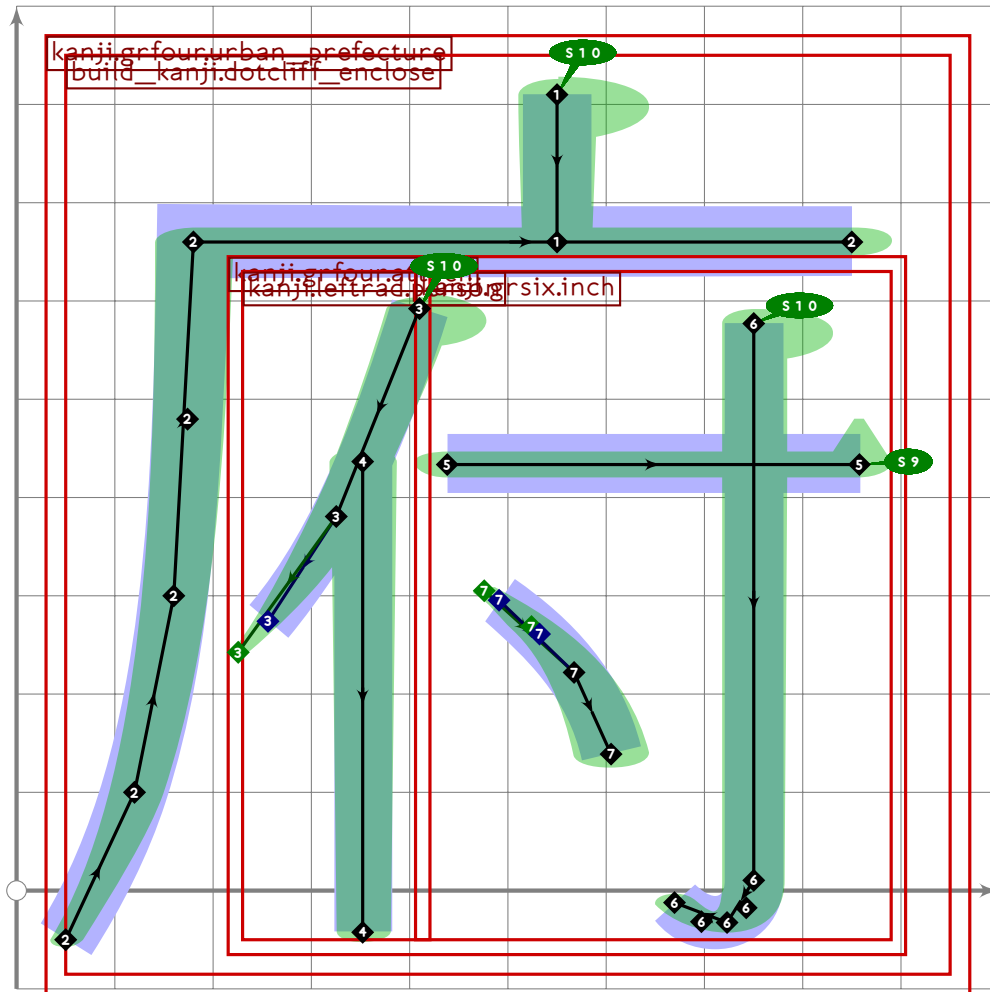


```

156
157 vardef kanji.grfour.seat =
158   push_pbox_toexpand("kanji.grfour.seat");
159   build_kanji.dotcliff_enclose(build_kanji.tb(420,0)
160     (kanji.grnine.twenty)
161     (kanji.greight.towel));
162   expand_pbox;
163 enddef;

```

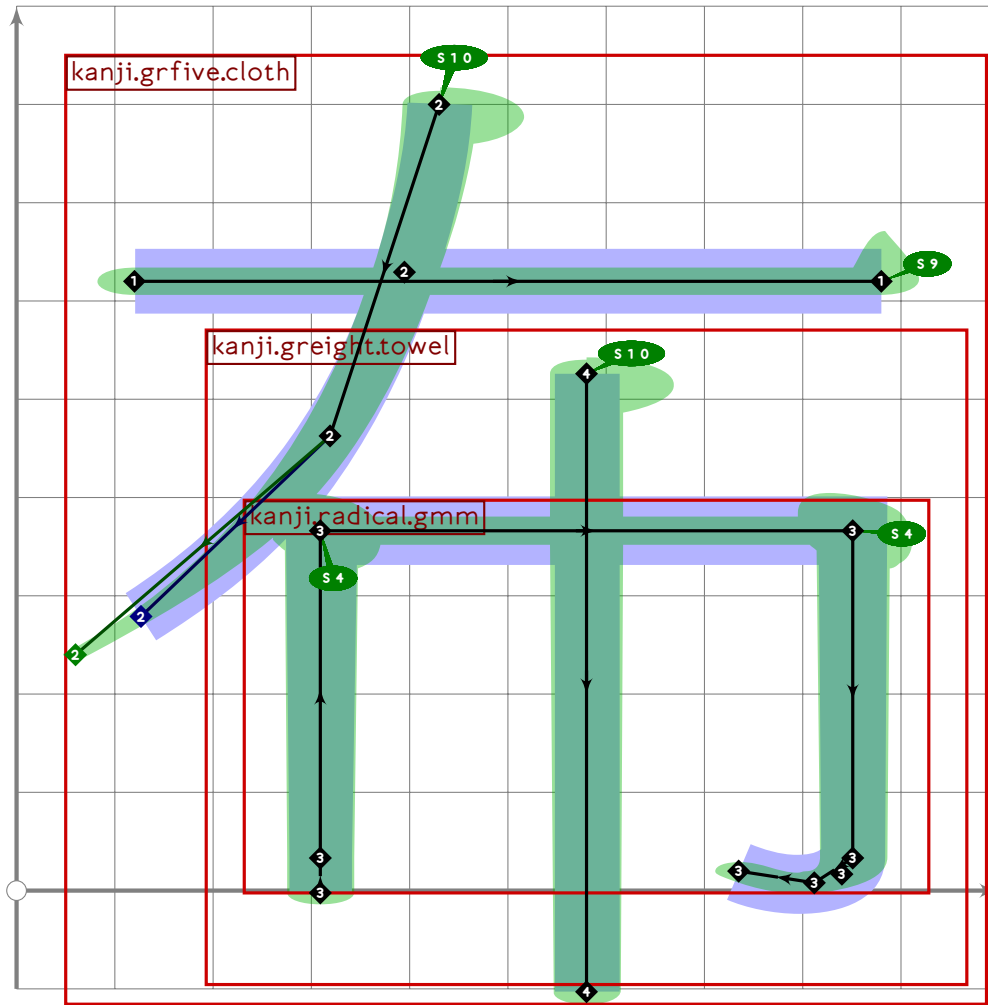
U+5E9C  
tsuku.uni5E9C



```

164
165 vardef kanji.grfour.urban_prefecture =
166   push_pbox_toexpand("kanji.grfour.urban_prefecture");
167   build_kanji.dotcliff_enclose(kanji.grfour.attach);
168   expand_pbox;
169 enddef;
170
171

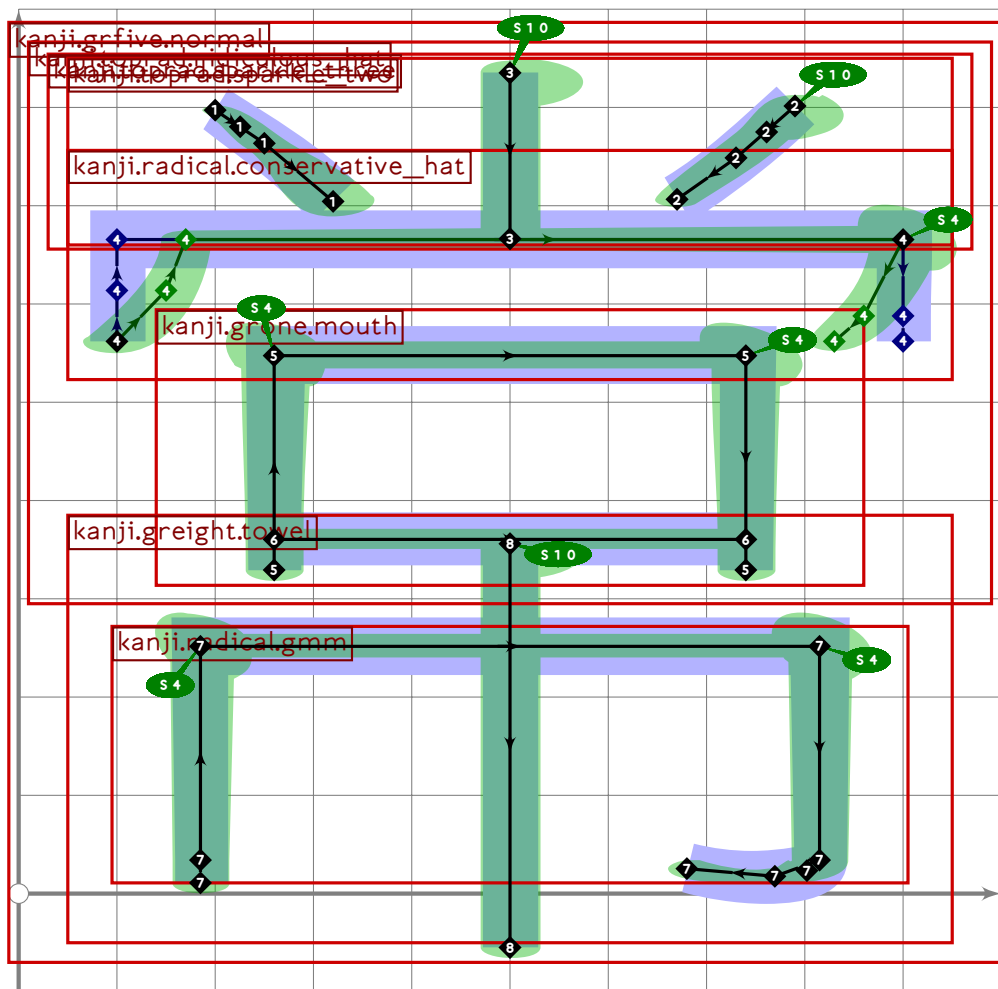
```



```

172
173 vardef kanji.grfive.cloth =
174   push_pbox_toexpand("kanji.grfive.cloth");
175   build_kanji.level(
176     build_kanji.lean_to((430,240));
177     build_kanji.sscale(xyscaled (0.86,0.74) shifted (80,-160))
178     (kanji.greight.towel);
179   );
180   expand_pbox;
181 enddef;

```

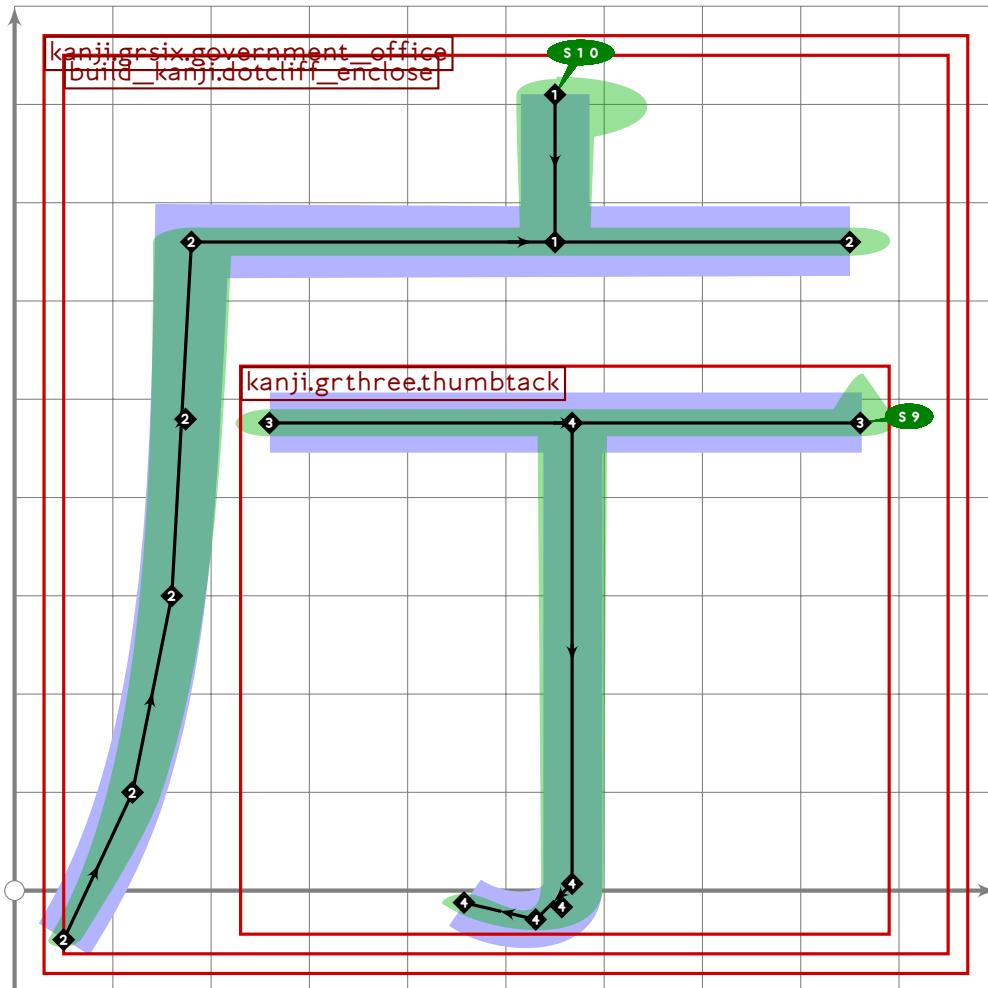


```

182
183 vardef kanji.grfive.normal =
184   push_pbox_toexpand("kanji.grfive.normal");
185   build_kanji.level(build_kanji.tb(340,90)
186     (kanji.toprad.ridiculous_hat)
187     (kanji.greight.towel));
188   expand_pbox;
189 enddef;
190
191

```



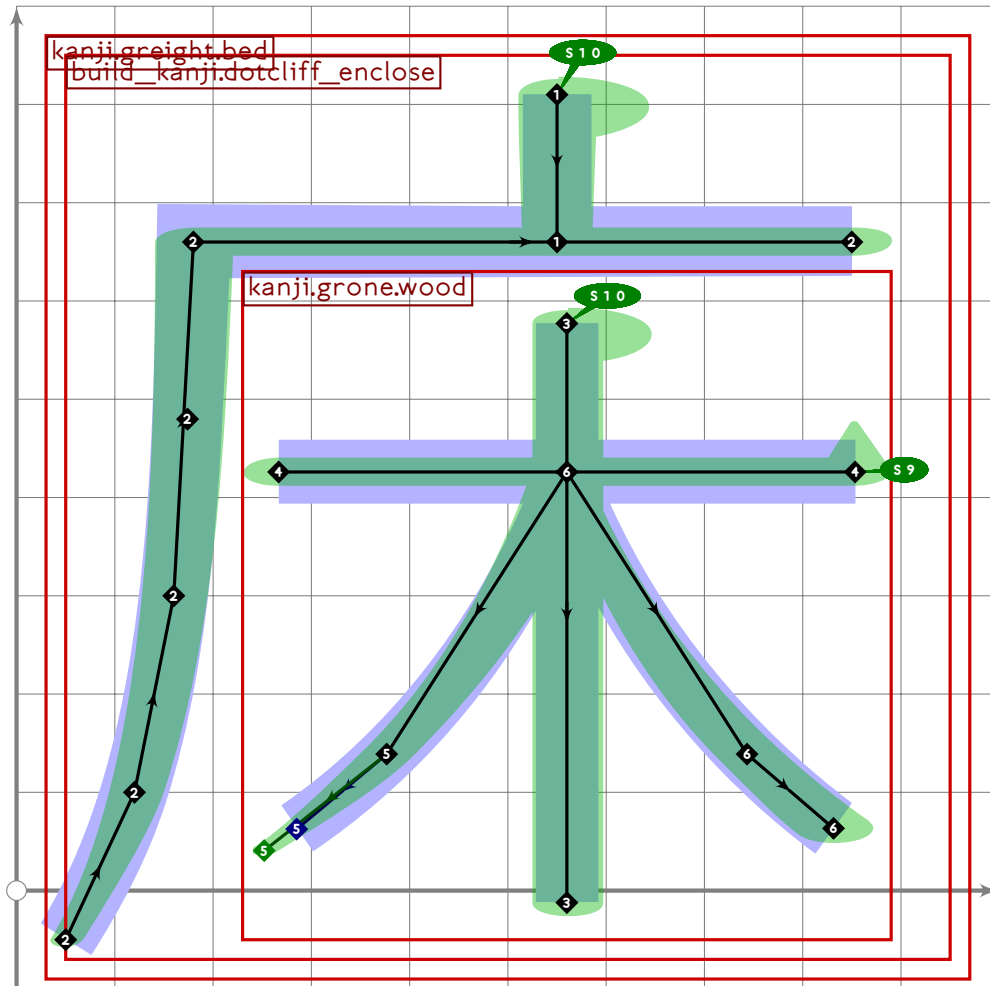


```

192
193 vardef kanji.grsix.government_office =
194   push_pbox_toexpand("kanji.grsix.government_office");
195   build_kanji.dotcliff_enclose(tsu_xform(identity yscaled 0.85)
196                               (kanji.grthree.thumbtack));
197   expand_pbox;
198 enddef;
199
200

```

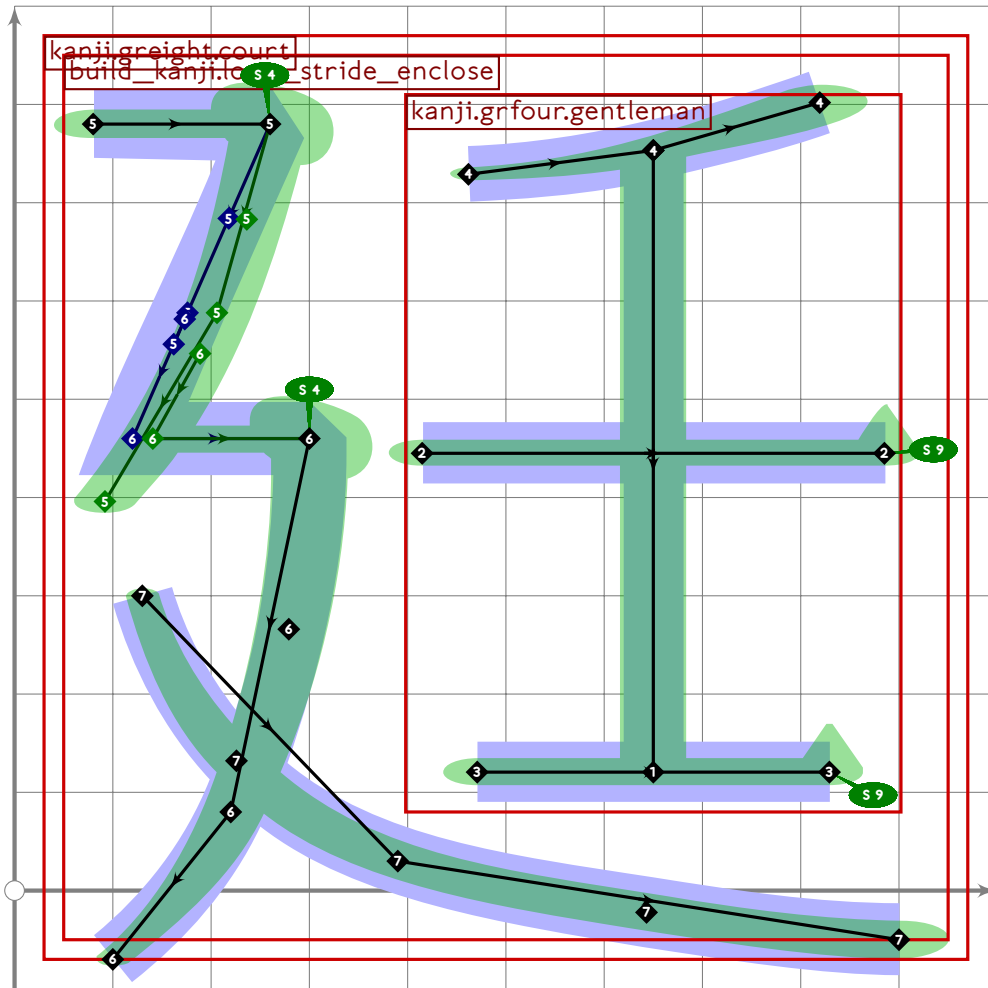
U+5E8A  
tsuku.uni5E8A



```

201
202 vardef kanji.greight.bed =
203   push_pbox_toexpand("kanji.greight.bed");
204   build_kanji.dotcliff_enclose(kanji.grone.wood);
205   expand_pbox;
206 enddef;

```

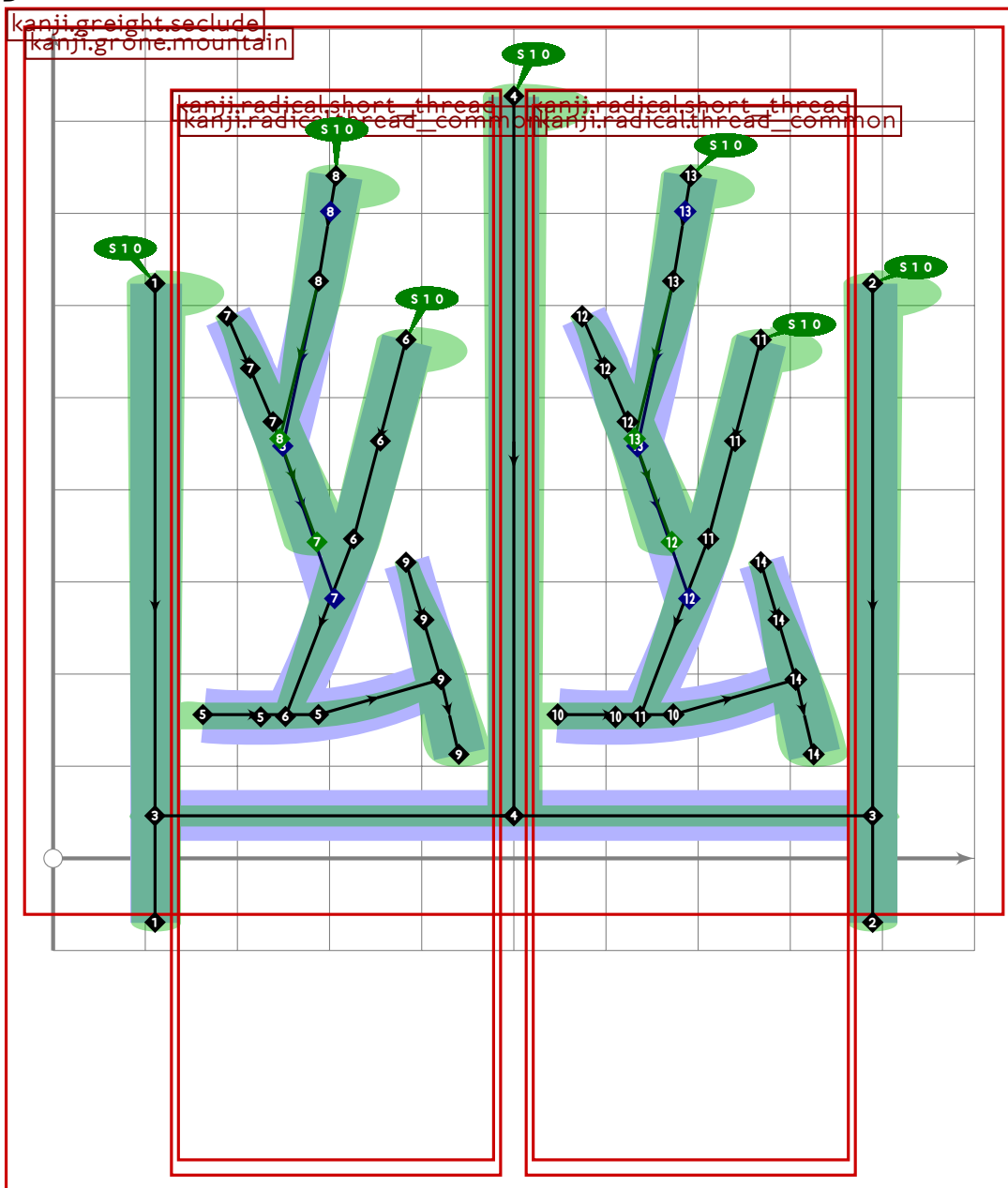


```

207
208 vardef kanji.greight.court =
209   push_pbox_toexpand("kanji.greight.court");
210   build_kanji.long_stride_enclose(false)
211     (build_kanji.sscale(xscaled 0.84)
212       (build_kanji.add_beret(kanji.grfour.gentleman;
213         replace_stroke(-1)(oldp shifted (0,-70)))));
214   expand_pbox;
215 enddef;

```

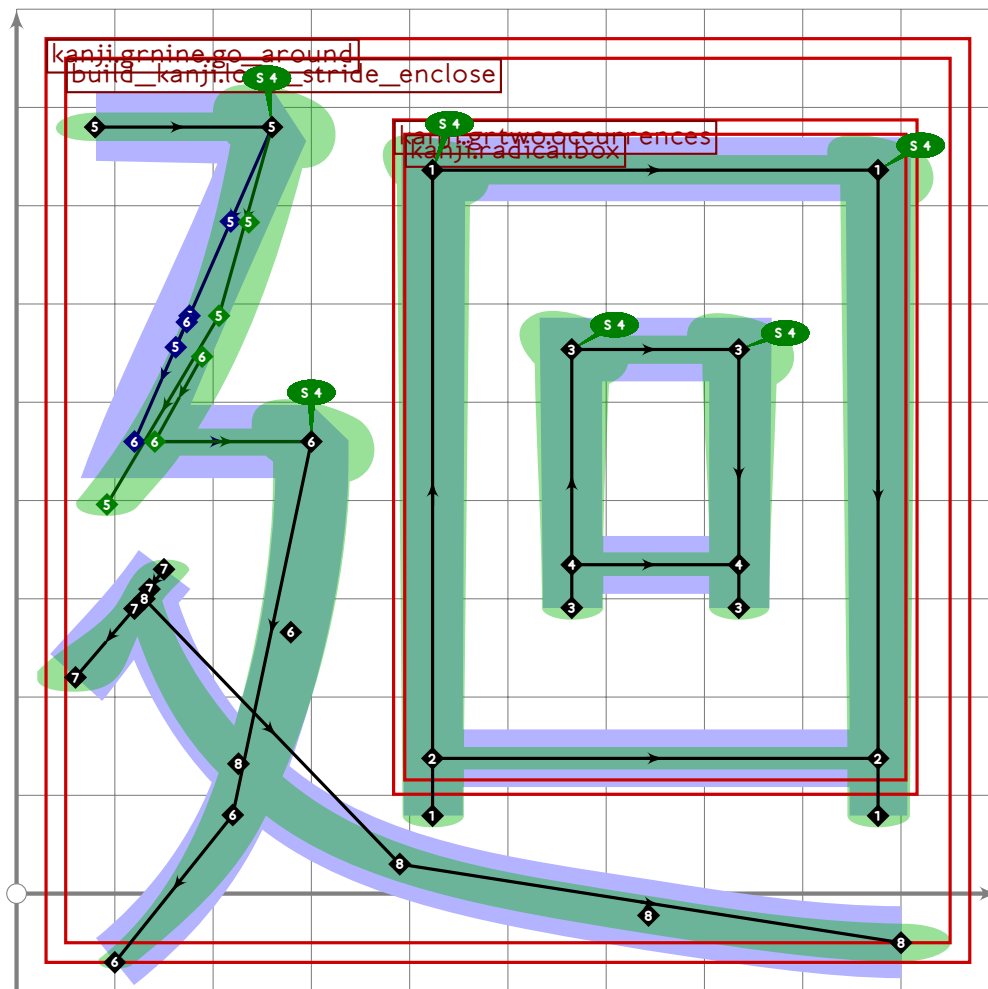
U+5E7D  
tsuku.uni5E7D



```

216
217 vardef kanji.greight.seclude =
218   push_pbox_toexpand("kanji.greight.seclude");
219   build_kanji.sscaled(xyscaled (1.18,1.07) shifted (0,20))
220     (kanji.grone.mountain);
221   build_kanji.sscaled(xyscaled (0.38,0.83) shifted (-193,15))
222     (kanji.radical.short_thread);
223   build_kanji.sscaled(xyscaled (0.38,0.83) shifted (192,15))
224     (kanji.radical.thread_common);
225   for i=-14 upto 0: set_bosize(i,80); endfor;
226   expand_pbox;
227 enddef;
228
229

```

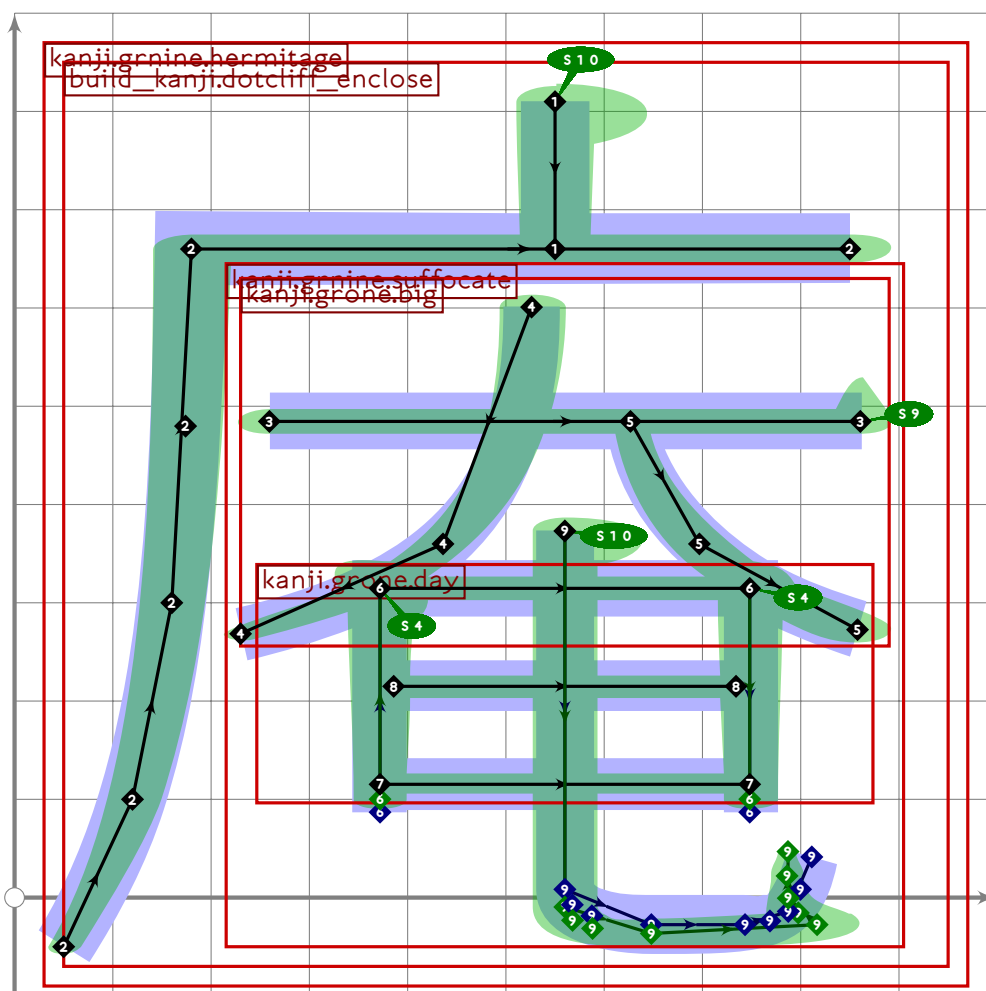


```

230
231 vardef kanji.grnine.go_around =
232   push_pbox_toexpand("kanji.grnine.go_around");
233   build_kanji.long_stride_enclose(true)
234   (build_kanji.scale(xyscaled (0.85,0.9))(kanji.grtwo.occurrences));
235   expand_pbox;
236 enddef;

```

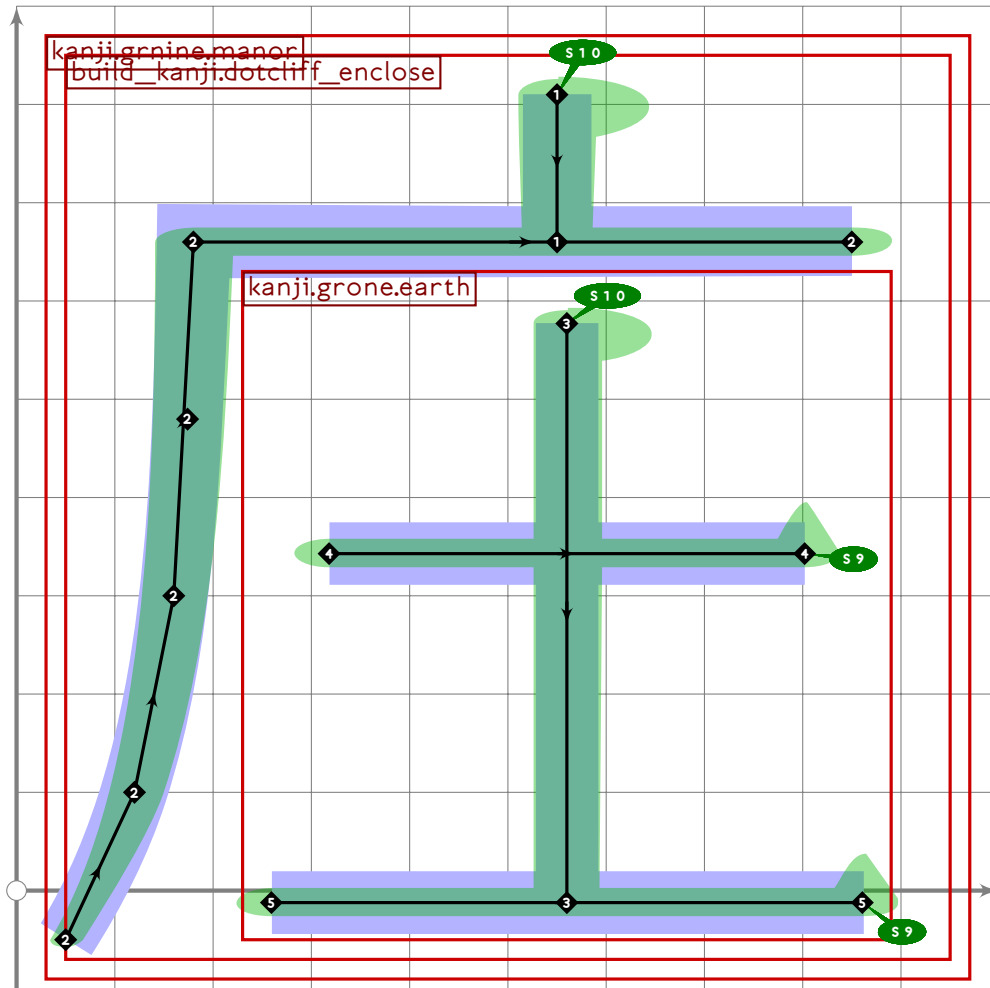
U+5EB5  
tsuku.uni5EB5



```

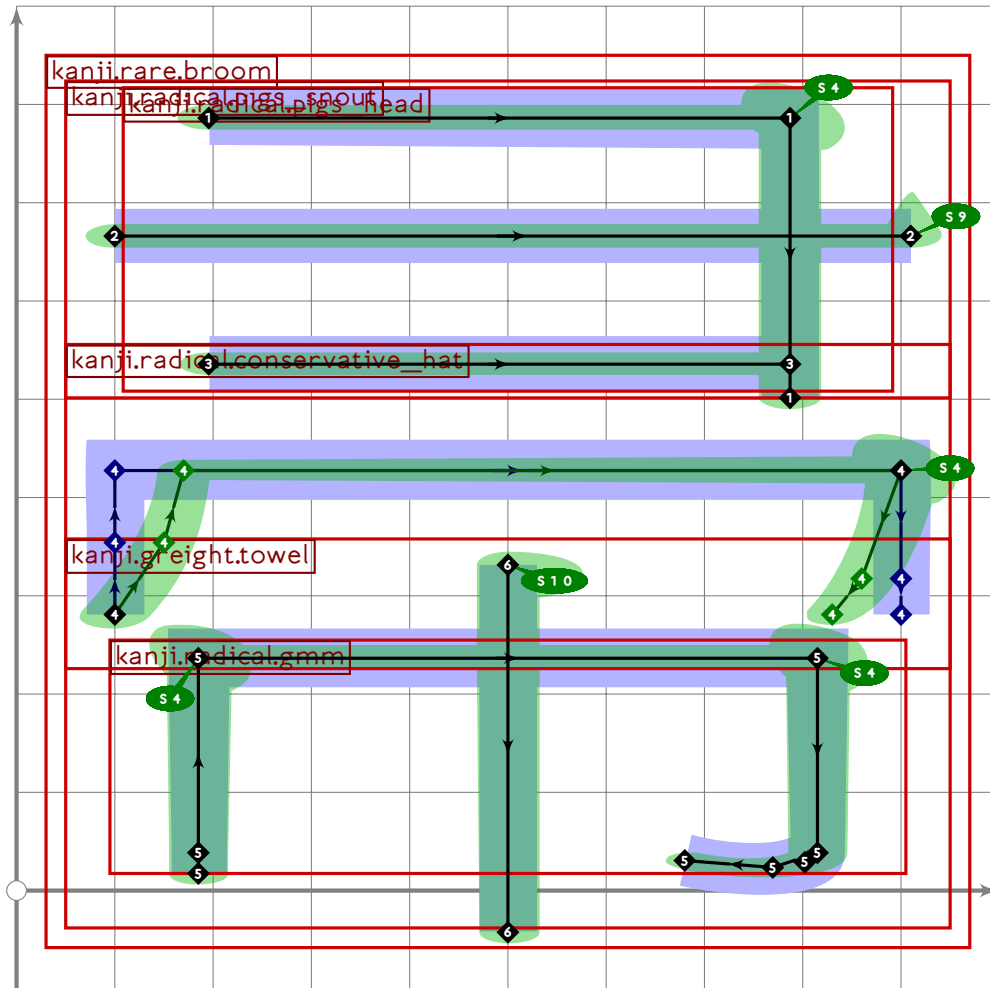
237
238 vardef kanji.grnine.hermitage =
239   push_pbox_toexpand("kanji.grnine.hermitage");
240   build_kanji.dotcliff_enclose(kanji.grnine.suffocate);
241   expand_pbox;
242 enddef;

```



```

243
244 vardef kanji.grnine.manor =
245   push_pbox_toexpand("kanji.grnine.manor");
246   build_kanji.dotcliff_enclose(kanji.grone.earth);
247   expand_pbox;
248 enddef;
249
250
```



```

251
252 vardef kanji.rare.broom =
253   push_pbox_toexpand("kanji.rare.broom");
254   build_kanji.level(build_kanji.sscale(yscaled 0.95 shifted (0,-10))
255     (build_kanji.tb(550,50)
256       (kanji.radical.pigs_snout
257         (build_kanji.tb(450,200)
258           (kanji.radical.conservative_hat)
259           (kanji.greight.towel))));
260   expand_pbox;
261 enddef;
262
263
264
265 vardef kanji.leftrad.sword =
266   push_pbox_toexpand("kanji.leftrad.sword");
267   push_stroke((260,720)-(260,300),(1.6,1.6)-(1.4,1.4));
268   set_boserif(0,0,10);
269   push_stroke((740,760)-(740,400){down}..(550,130)..(200,-40),
270     (1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(1,1));
271   set_boserif(0,0,10);

```



```

272 expand_pbox;
273 enddef;
274
275
276
277 % shi/ichi "market"
278 begintsuglyph("uni5E02";2); [see page 519]
279 kanji.grtwo.market;
280 tsu_render;
281 endtsuglyph;
282
283 % fu/nuno "cloth"
284 begintsuglyph("uni5E03";3); [see page 2087]
285 kanji.grfive.cloth;
286 tsu_render;
287 endtsuglyph;
288
289 % ki/mare "rarity" or "Greece"
290 begintsuglyph("uni5E0C";12); [see page 2084]
291 kanji.grfour.rarity;
292 tsu_render;
293 endtsuglyph;
294
295 % sou/houki "broom" as in houkiboshi "comet"
296 begintsuglyph("uni5E1A";26); [see page 2096]
297 kanji.rare.broom;
298 tsu_render;
299 endtsuglyph;
300
301 % saki/mushiro "seat"
302 begintsuglyph("uni5E2D";45); [see page 2085]
303 kanji.grfour.seat;
304 tsu_render;
305 endtsuglyph;
306
307 % ki/kae "return"
308 begintsuglyph("uni5E30";48); [see page 2076]
309 kanji.grtwo.return;
310 tsu_render;
311 endtsuglyph;
312
313 % chou/tobari "register"
314 begintsuglyph("uni5E33";51); [see page 2080]
315 kanji.grthree.register;
316 tsu_render;
317 endtsuglyph;
318
319 % jou/tsune "normal"

```

320 begintsuglyph("uni5E38";56);

[see page 2088]

321 kanji.grfive.normal;

322 tsu\_render;

323 endtsuglyph;

324

325 % kan/ho "dry"

326 begintsuglyph("uni5E72";114);

[see page 654]

327 kanji.grsix.dry;

328 tsu\_render;

329 endtsuglyph;

330

331 % hei/tai "level" or "even"

332 begintsuglyph("uni5E73";115);

[see page 580]

333 kanji.grthree.level;

334 tsu\_render;

335 endtsuglyph;

336

337 % nen/toshi "year"

338 begintsuglyph("uni5E74";116);

[see page 2075]

339 kanji.grone.year;

340 tsu\_render;

341 endtsuglyph;

342

343 % hei/awa "merger"

344 begintsuglyph("uni5E76";118);

[see page 821]

345 kanji.rare.merger;

346 tsu\_render;

347 endtsuglyph;

348

349 % kou/saiwa "blessing"

350 begintsuglyph("uni5E78";120);

[see page 559]

351 kanji.grthree.blessing;

352 tsu\_render;

353 endtsuglyph;

354

355 % you/chiisai "short thread radical"

356 begintsuglyph("uni5E7A";122);

[see page 705]

357 kanji.radical.short\_thread;

358 tsu\_render;

359 endtsuglyph;

360

361 % yuu as in yuurei "seclude"

362 begintsuglyph("uni5E7D";125);

[see page 2092]

363 kanji.greight.seclude;

364 tsu\_render;

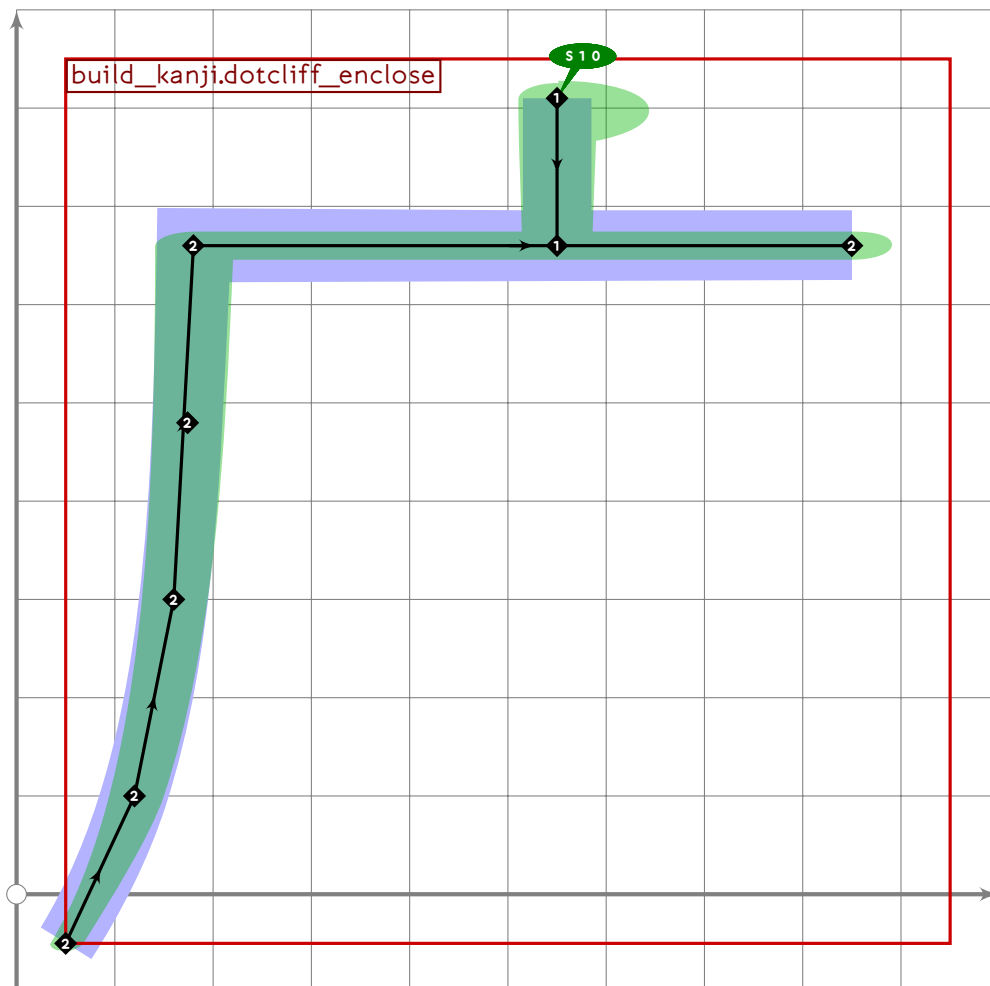
365 endtsuglyph;

366

367 % ki/iku "how much"

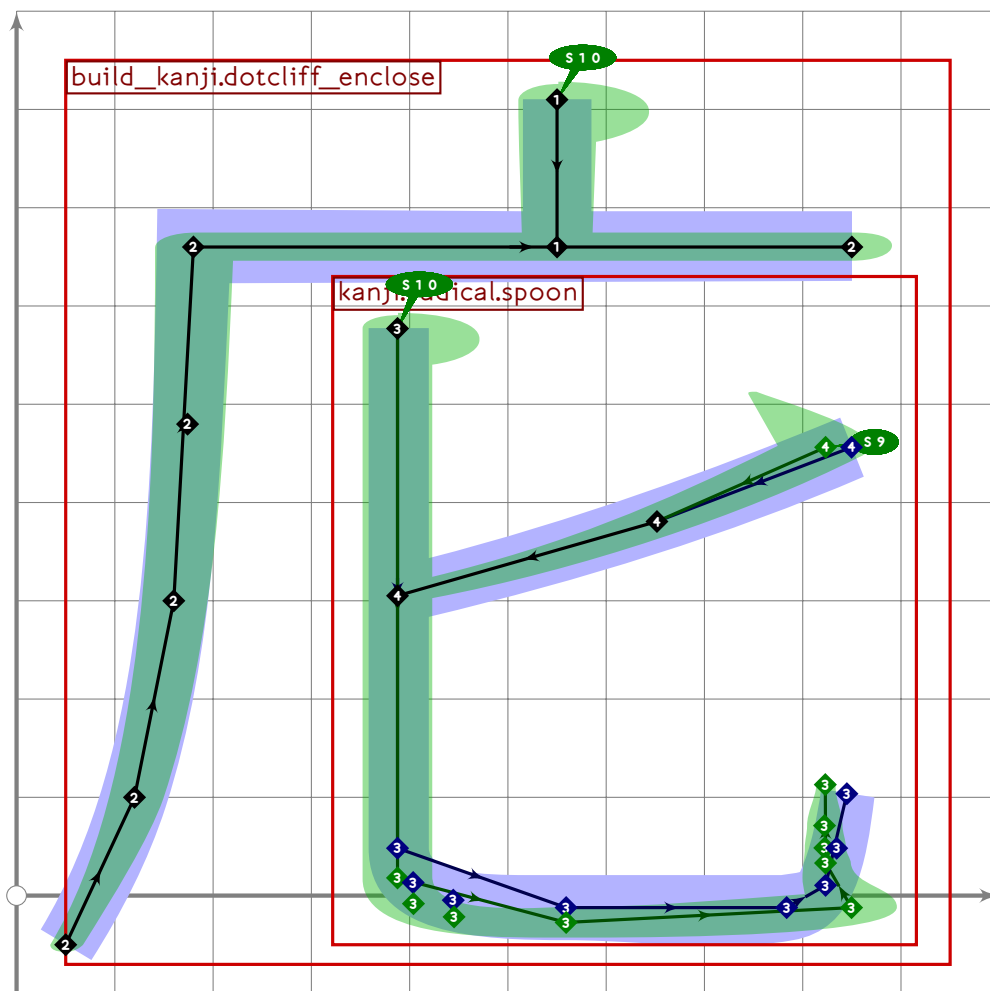
[see page 745]

```
368 begintsuglyph("uni5E7E";126);
369   kanji.greight.how_much;
370   tsu_render;
371 endtsuglyph;
372
```



```
373 % madare "dotted cliff radical"
374 begintsuglyph("uni5E7F";127);
375   build_kanji.dotcliff_enclose();
376   tsu_render;
377 endtsuglyph;
378
```

U+5E80  
tsuku.uni5E80

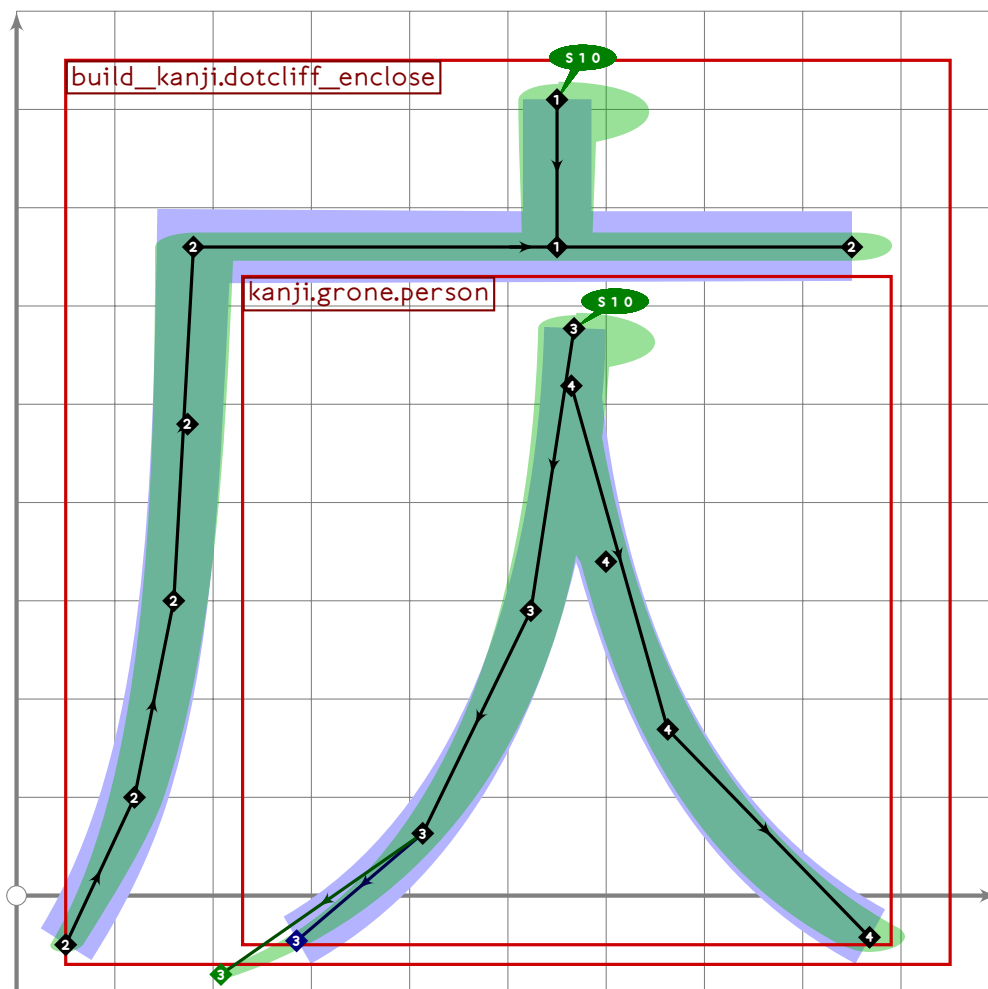


```

379 % extra
380 begintsuglyph("uni5E80";128);
381   build_kanji.dotcliff_enclose(
382     build_kanji.sscale(xscaled 0.9 shifted (80,0))
383       (kanji.radical.spoon));
384   tsu_render;
385 endtsuglyph;
386
387 % chou/yakushou "government office"
388 begintsuglyph("uni5E81";129);
389   kanji.grsix.government_office;
390   tsu_render;
391 endtsuglyph;
392

```

[see page 2089]



```

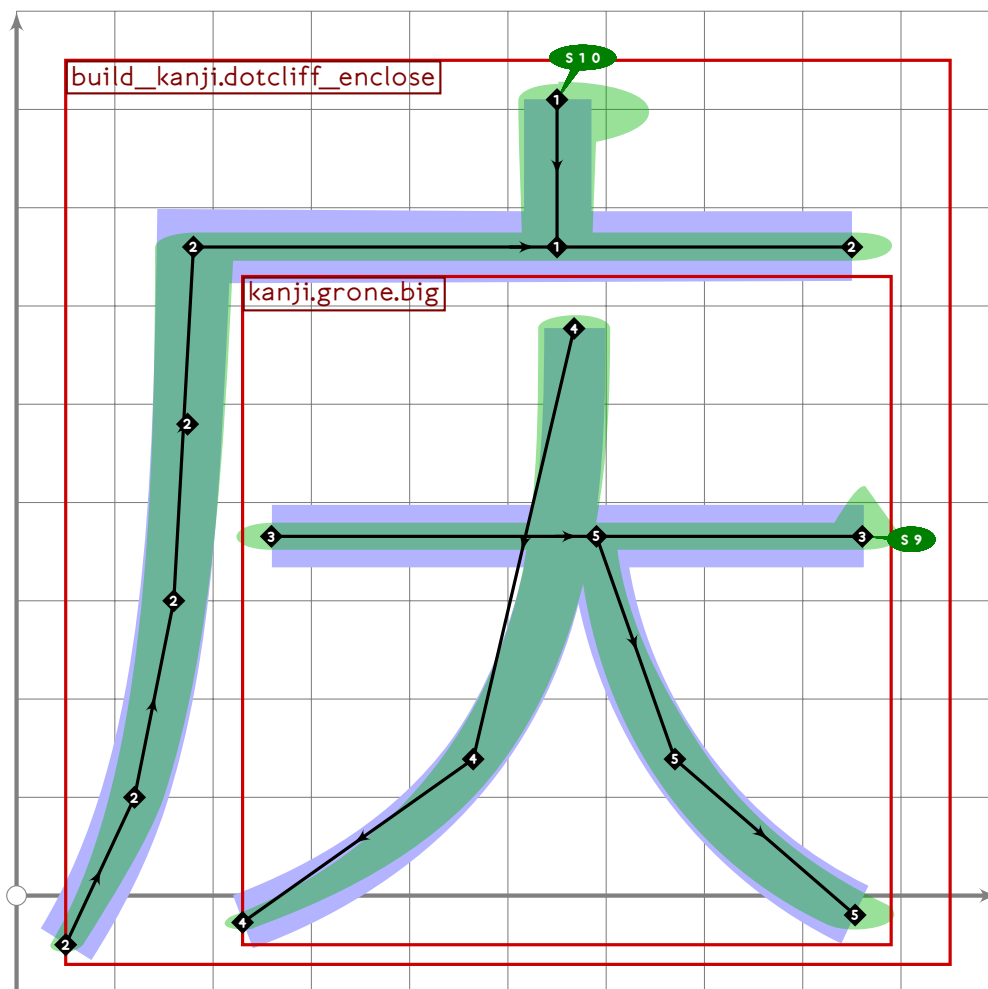
393 % extra
394 begintsuglyph("uni5E82";130);
395   build_kanji.dotcliff_enclose(kanji.grone.person);
396   tsu_render;
397 endtsuglyph;
398
399 % kou/hiro "wide"
400 begintsuglyph("uni5E83";131);
401   kanji.grtwo.wide;
402   tsu_render;
403 endtsuglyph;
404
405 % kou/hiro "wide"
406 begintsuglyph("uni5E84";132);
407   kanji.grnine.manor;
408   tsu_render;
409 endtsuglyph;
410

```

[see page 551]

[see page 2095]

U+5E86  
tsuku.uni5E86



```
411 % extra
412 begintsuglyph("uni5E86",134);
413   build_kanji.dotcliff_enclose(kanji.grone.big);
414   tsu_render;
415 endtsuglyph;
416
417 % toko/yuka "bed"
418 begintsuglyph("uni5E8A",138);
419   kanji.greight.bed;
420   tsu_render;
421 endtsuglyph;
422
423 % tei/soko "bottom"
424 begintsuglyph("uni5E95",149);
425   kanji.grfour.bottom;
426   tsu_render;
427 endtsuglyph;
428
429 % ten/mise "shop"
430 begintsuglyph("uni5E97",151);
431   kanji.grtwo.shop;
```

[see page 2090]

[see page 2082]

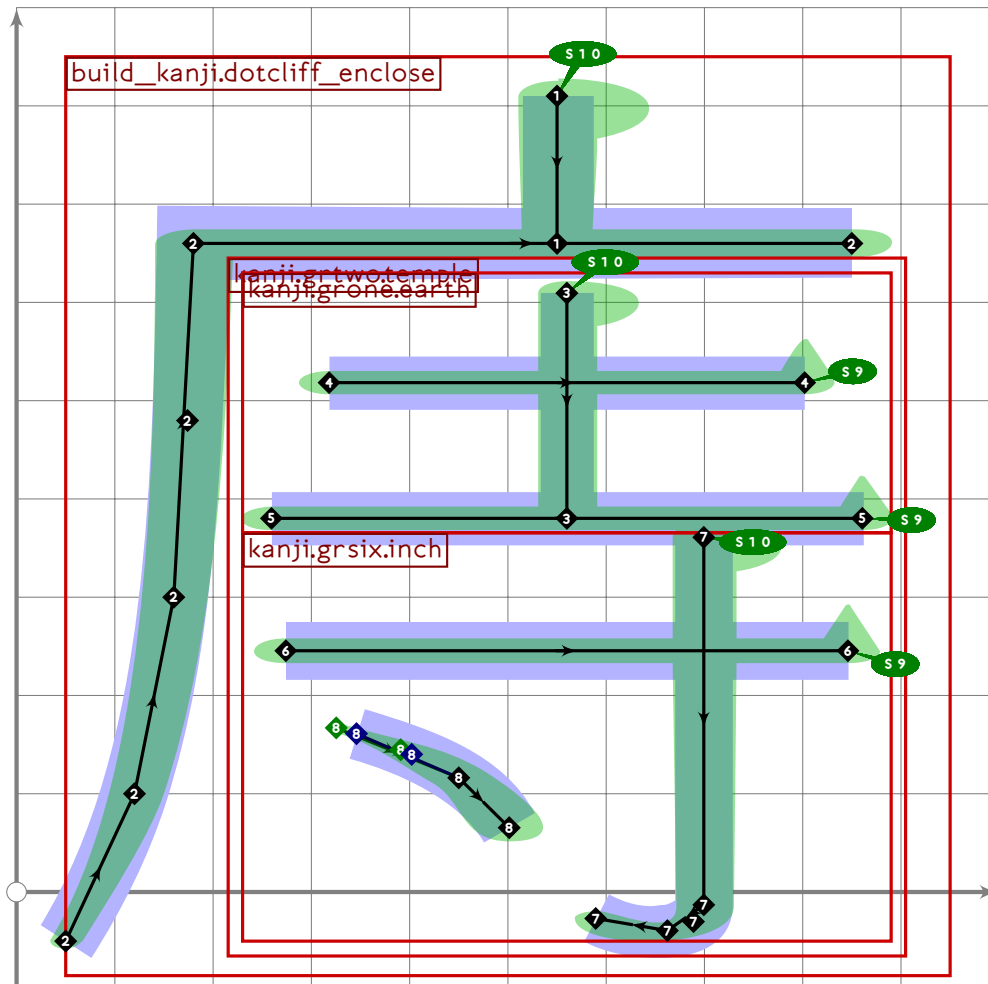
[see page 2077]

```

432 tsu_render;
433 endtsuglyph;
434
435 % fu "urban prefecture"
436 begintsuglyph("uni5E9C";156);
437 kanji.grfour.urban_prefecture;
438 tsu_render;
439 endtsuglyph;
440

```

[see page 2086]

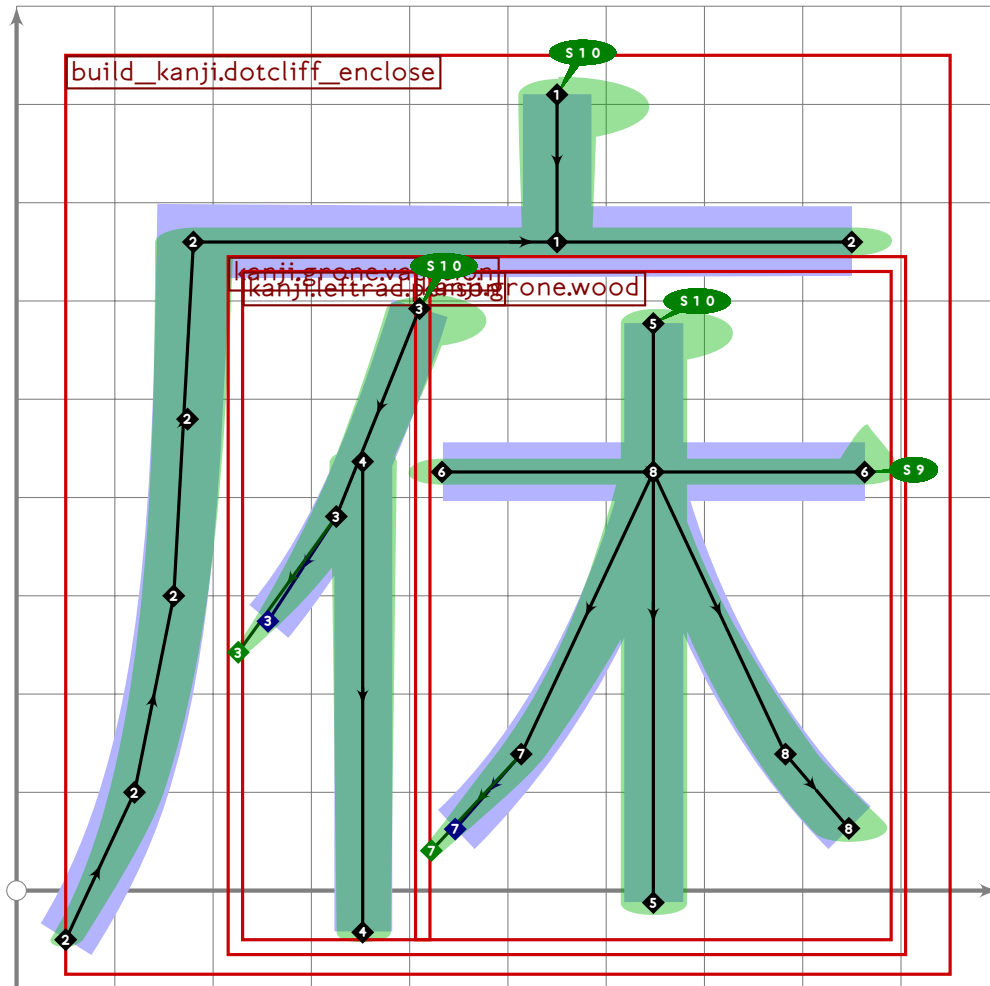


```

441 % extra
442 begintsuglyph("uni5EA4";164);
443 build_kanji.dotcliff_enclose(kanji.grtwo.temple);
444 tsu_render;
445 endtsuglyph;
446

```

U+5EA5  
tsuku.uni5EA5



```

447 % extra
448 begintsuglyph("uni5EA5";165);
449   build_kanji.dotcliff_enclose(kanji.grone.vacation);
450   tsu_render;
451 endtsuglyph;
452
453 % do/tabi "degree"
454 begintsuglyph("uni5EA6";166);
455   kanji.grthree.degree;
456   tsu_render;
457 endtsuglyph;
458
459 % ko/kura "warehouse"
460 begintsuglyph("uni5EAB";171);
461   kanji.grthree.warehouse;
462   tsu_render;
463 endtsuglyph;
464
465 % tei/niwa "courtyard"
466 begintsuglyph("uni5EAD";173);
467   kanji.grthree.courtyard;

```

[see page 2079]

[see page 2081]

[see page 2078]



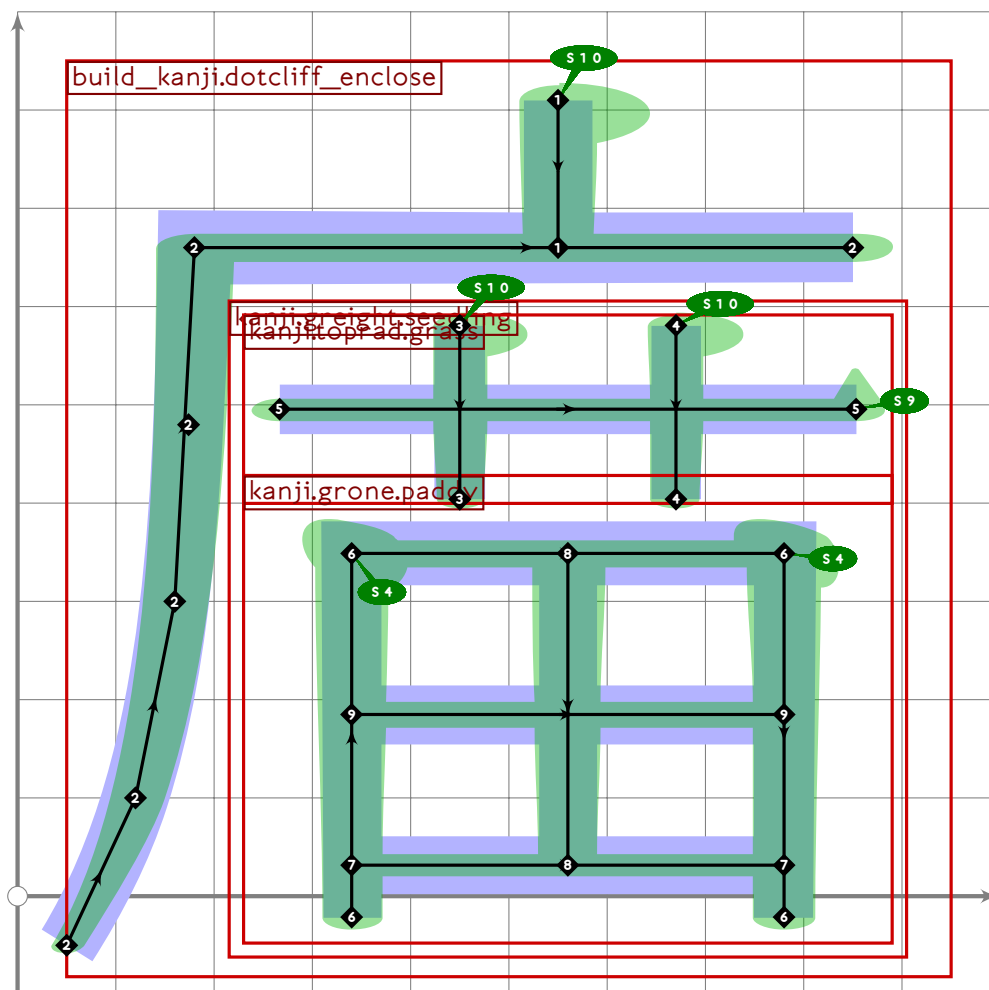
```

468 tsu_render;
469 endtsuglyph;
470
471 % an/iori "hermitage"
472 begintsuglyph("uni5EB5";181);
473 kanji.grnine.hermitage;
474 tsu_render;
475 endtsuglyph;
476
477 % kou "peace"
478 begintsuglyph("uni5EB7";183);
479 kanji.grfour.peace;
480 tsu_render;
481 endtsuglyph;
482

```

[see page 2094]

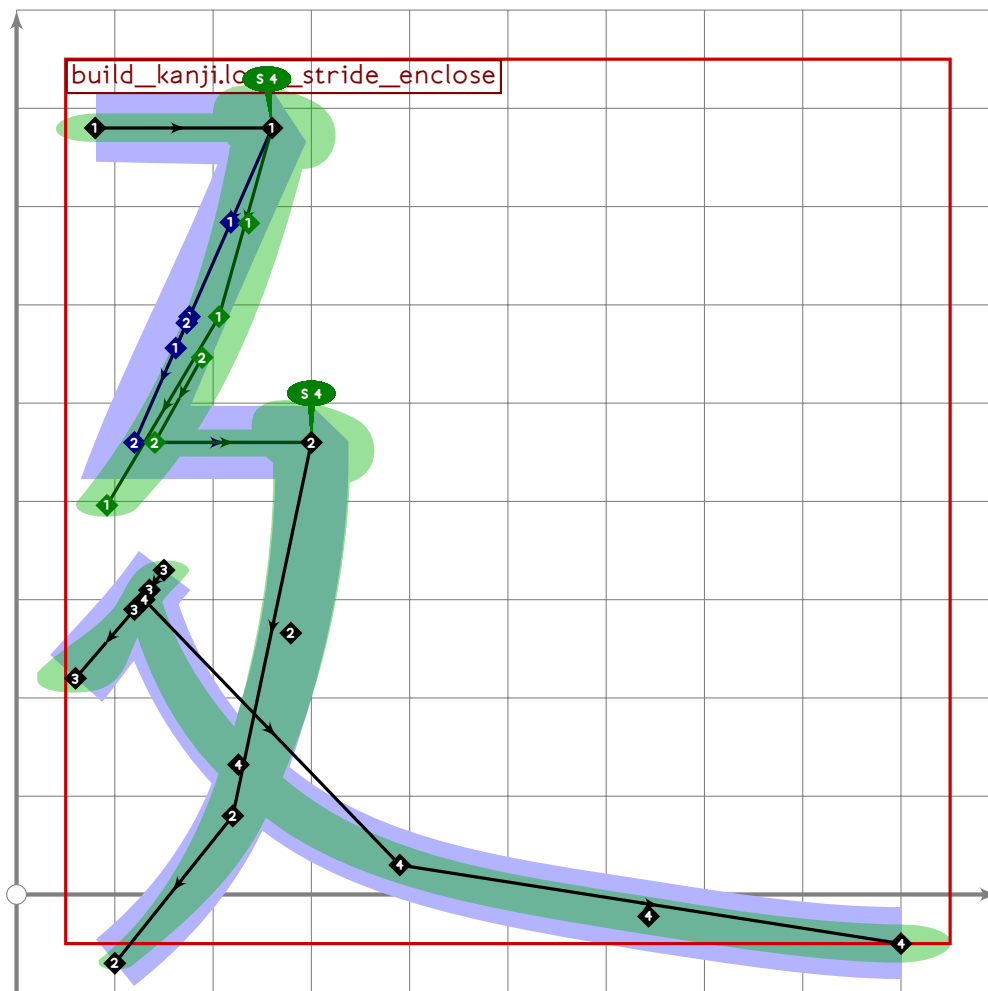
[see page 2083]



```

483 % extra
484 begintsuglyph("uni5EBF";191);
485 build_kanji.dotcliff_enclose(
486   tsu_xform(identity yscaled 0.94)(kanji.greight.seedling));
487 tsu_render;
488 endtsuglyph;

```



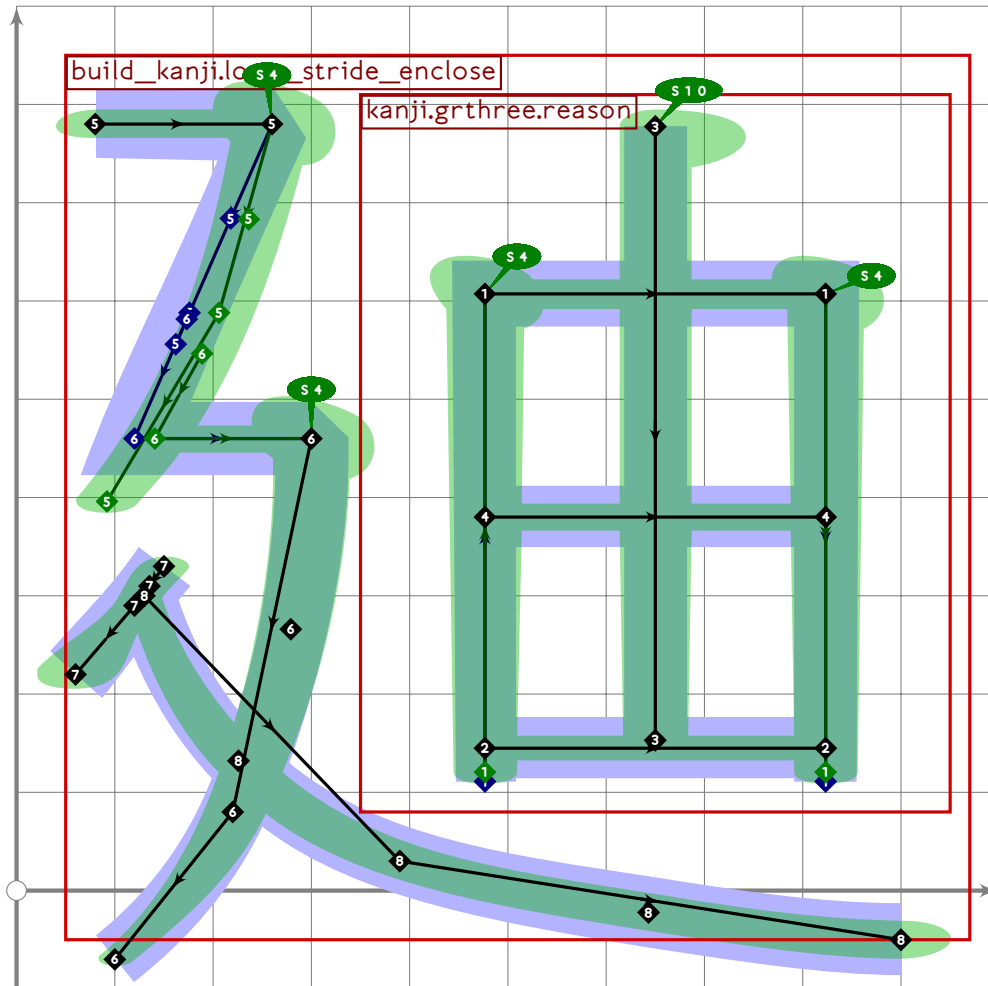
```

490 % "long stride" radical
491 begintsuglyph("uni5EF4";244);
492   build_kanji.long_stride_enclose(true());
493   tsu_render;
494 endtsuglyph;
495
496 % en/no "prolong"
497 begintsuglyph("uni5EF6";246);
498   kanji.grsix.prolong;
499   tsu_render;
500 endtsuglyph;
501
502 % tei "court"
503 begintsuglyph("uni5EF7";247);
504   kanji.greight.court;
505   tsu_render;
506 endtsuglyph;
507

```

[see page 660]

[see page 2091]

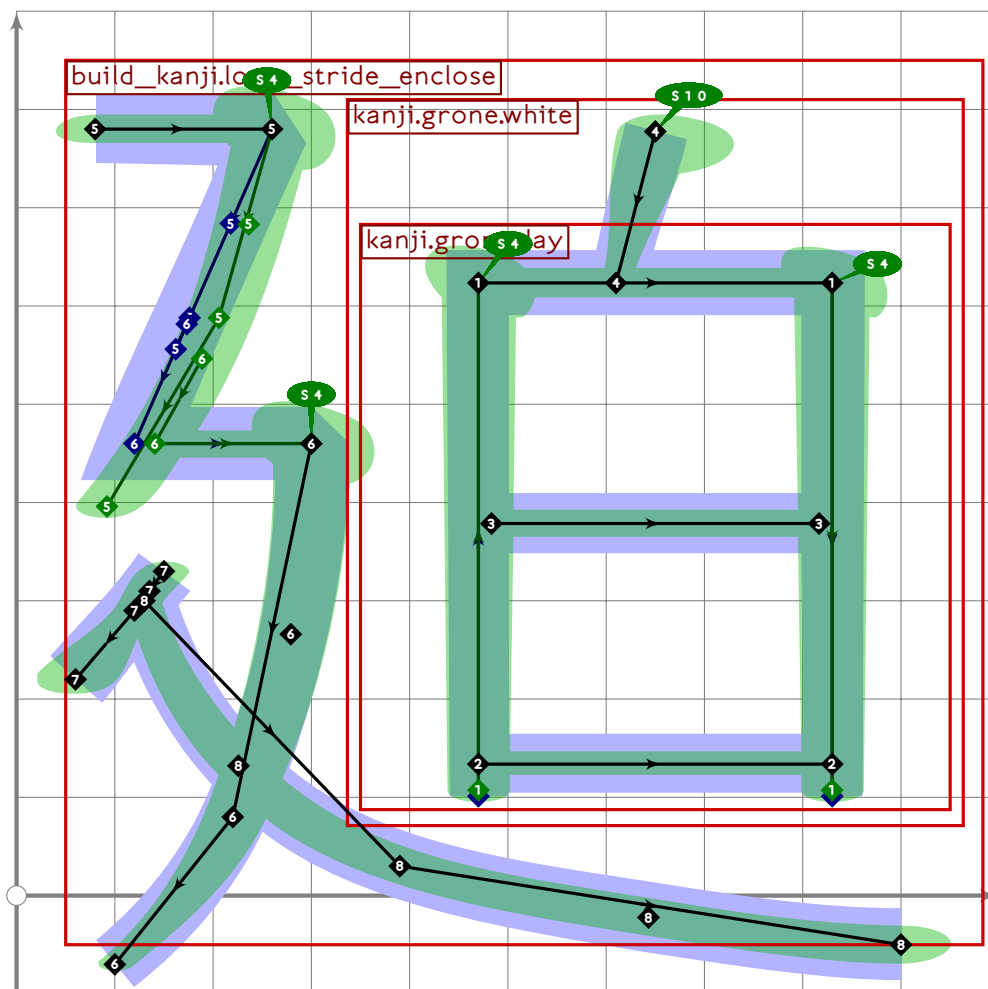


```

508 % extra "path" or "way"
509 begintsuglyph("uni5EF8";248);
510 build_kanji.long_stride_enclose(true)(kanji.grthree.reason);
511 tsu_render;
512 endsuglyph;
513

```

U+5EF9  
tsuku.uni5EF9



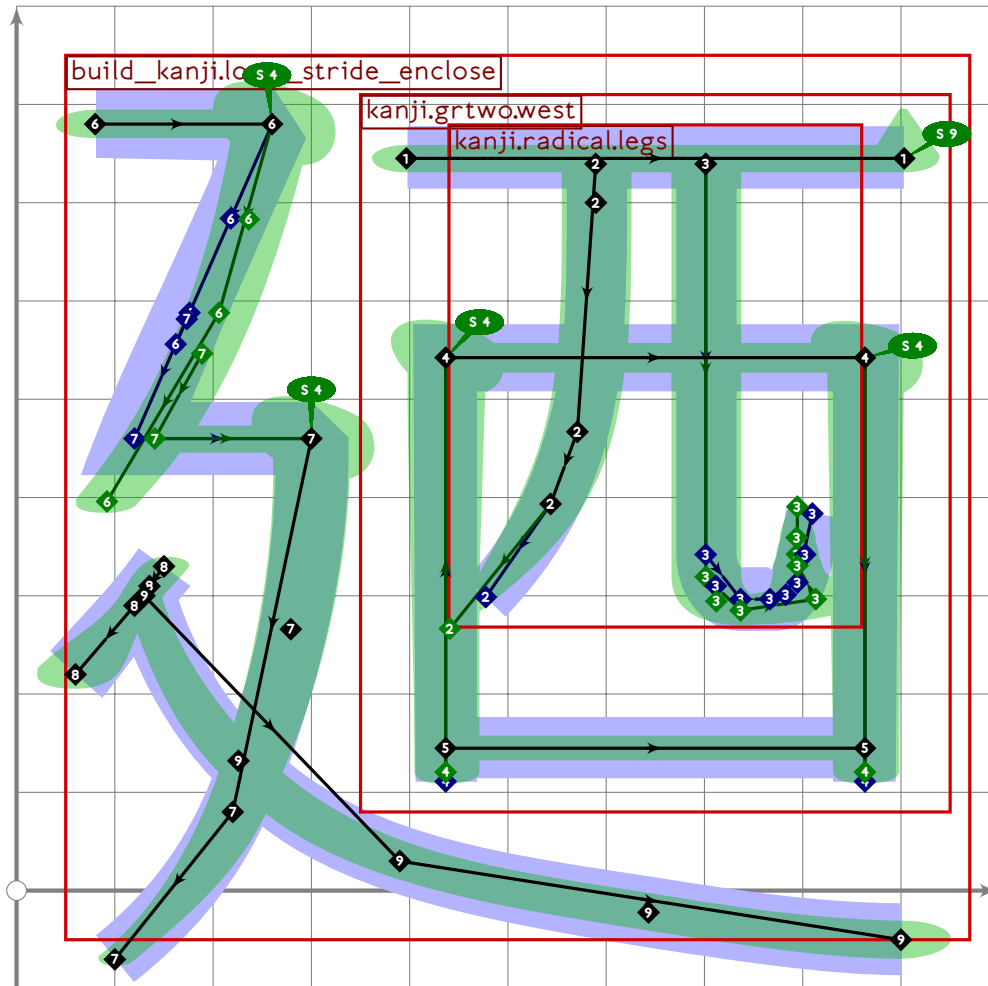
```

514 % extra
515 begintsuglyph("uni5EF9";249);
516   build_kanji.long_stride_enclose(true)(kanji.grone.white);
517   tsu_render;
518 endtsuglyph;
519
520 % ken/ta "build"
521 begintsuglyph("uni5EFA";250);
522   kanji.grfour.build;
523   tsu_render;
524 endtsuglyph;
525
526 % kai/mawa "go around"
527 begintsuglyph("uni5EFB";251);
528   kanji.grnine.go_around;
529   tsu_render;
530 endtsuglyph;
531

```

[see page 603]

[see page 2093]

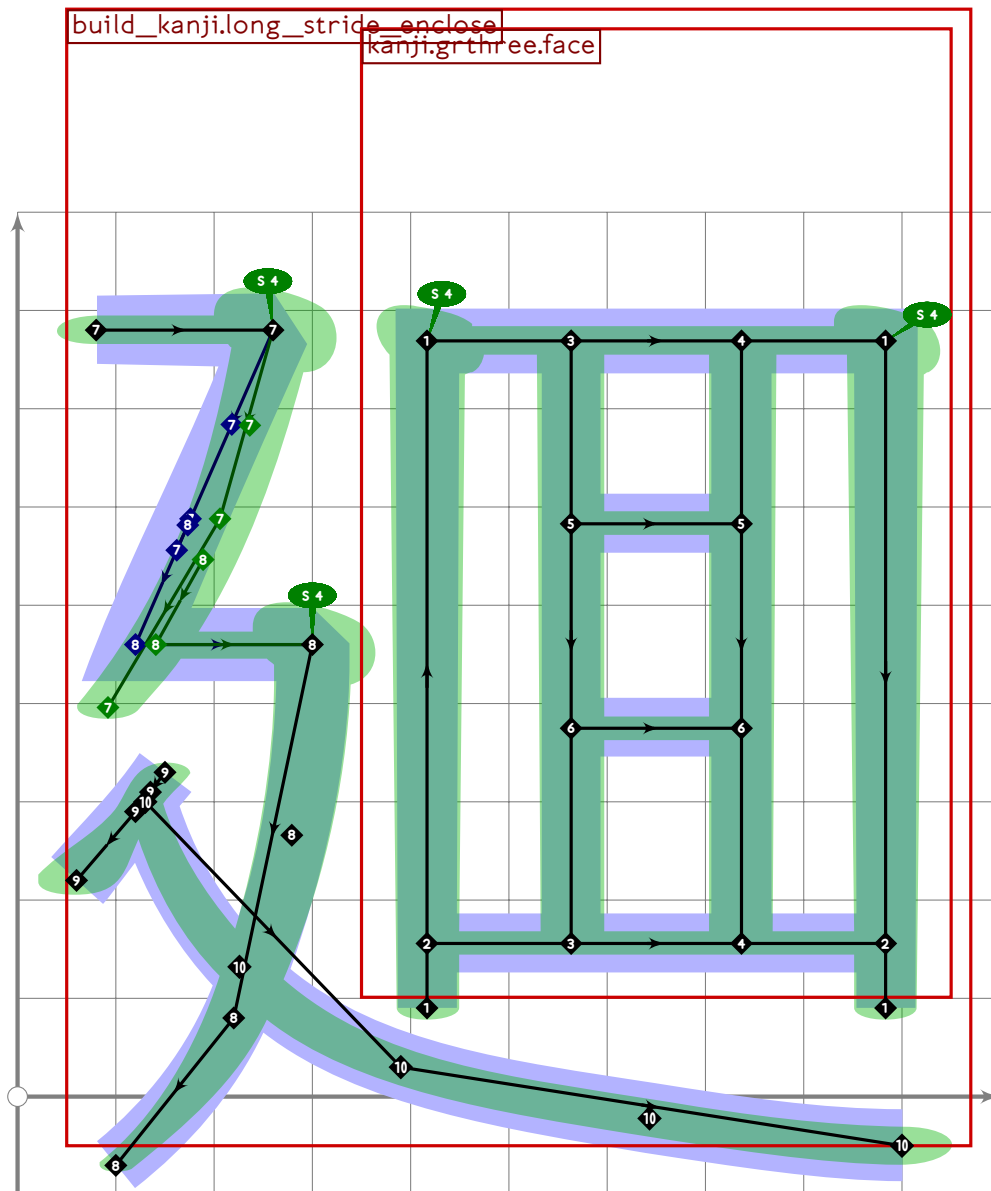


```

532 % extra "in other words," "thou," etc.
533 begintsuglyph("uni5EFC";252);
534   build_kanji.long_stride_enclose(true)(kanji.grtwo.west);
535   tsu_render;
536 endtsuglyph;
537

```

U+5EFD  
tsuku.uni5EFD



```

538 % extra
539 begintsuglyph("uni5EFD";253);
540 build_kanji.long_stride_enclose(true)(
541   build_kanji.sscale(yscaled 1.35 shifted (0,180))(kanji.grthree.face);
542   obstacktype[find_whatsoever(otstroke,-6)]:=otnull;
543   obstacktype[find_whatsoever(otstroke,-6)]:=otnull);
544 tsu_render;
545 endtsuglyph;
546
547 % extra
548 begintsuglyph("uni5EFE";254);
549 kanji.radical.aitch;
550 tsu_render;
551 endtsuglyph;
552
553 % juu/nijuu "twenty"

```

[see page 678]

```
554 begintsuglyph("uni5EFF";255); [see page 796]
555   kanji.grnine.twenty;
556   tsu_render;
557 endtsuglyph;
558
559 _____
560
561 endfont;
562
563 _____
```

# tsuku-5f.mp

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

```
30
```

```
31
```

---

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input bottomrad.mp;
```

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

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

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

```
40 input gradefour.mp;
```

```
41 input gradenine.mp;
```

```
42 input gradeone.mp;
```

```
43 input gradesix.mp;
```

```
44 input gradethree.mp;
```

```
45 input gradetwo.mp;
```

```
46 input leftrad.mp;
```

```
47 input radical.mp;
```

```
48 input rare.mp;
```

```
49 input rightrad.mp;
```

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

```
51
```

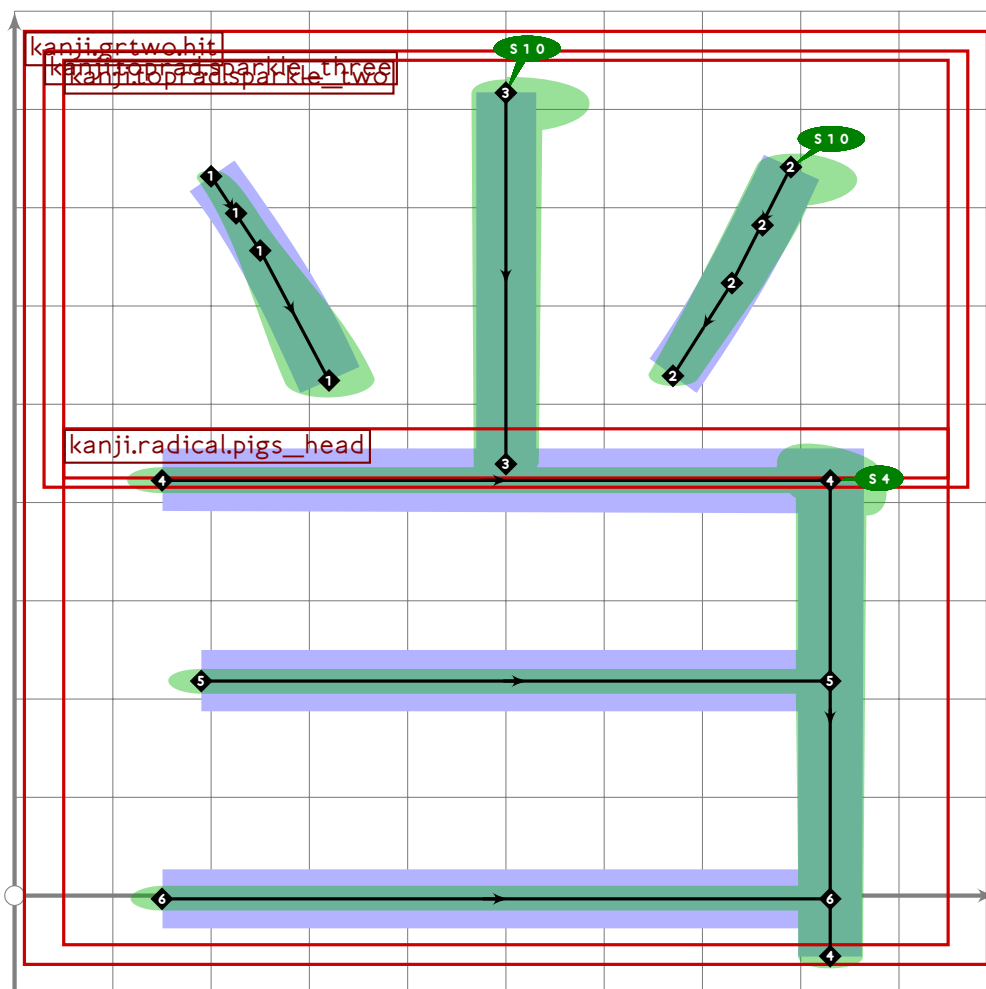
```
52 do_late_includes;
```

```
53
```

```
54
```

---



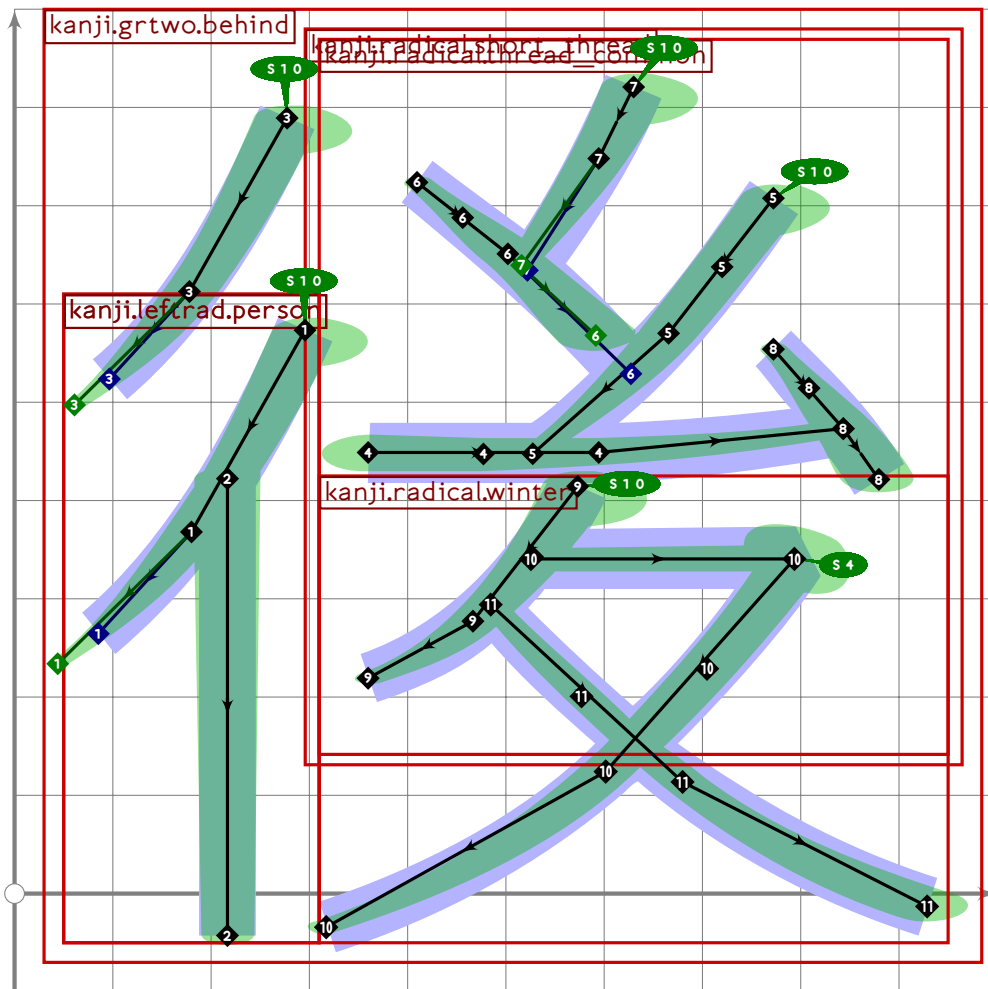


```

55
56 vardef kanji.grtwo.hit =
57   push_pbox_toexpand("kanji.grtwo.hit");
58   build_kanji.level(build_kanji.tb(450,50)
59     (kanji.toprad.sparkle_three)
60     (kanji.radical.pigs_head));
61   expand_pbox;
62 enddef;

```

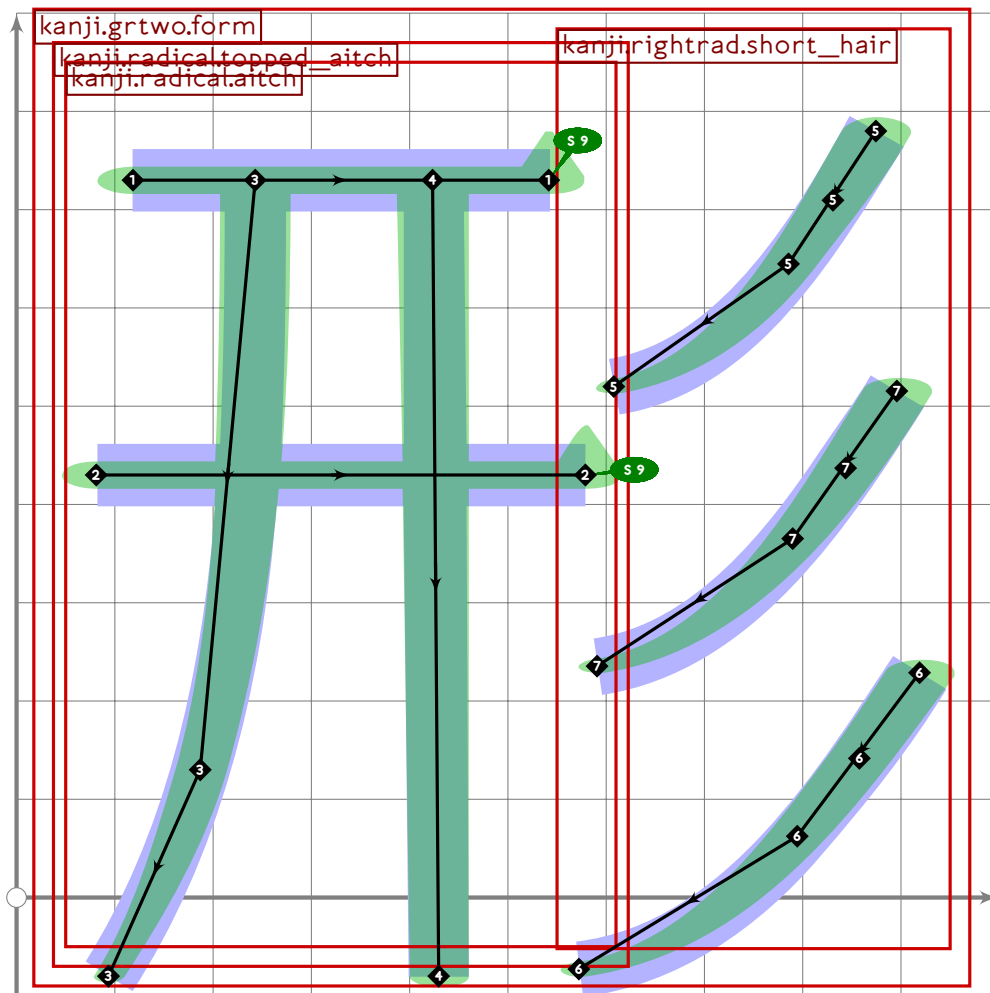
U+5F8C  
tsuku.uni5F8C



```

63
64 vardef kanji.grtwo.behind =
65   push_pbox_toexpand("kanji.grtwo.behind");
66   build_kanji.level(build_kanji.lr(310,0)
67     (build_kanji.harmonic(240,0.86,0)(kanji.left.rad.person))
68     (build_kanji.tb(400,50)
69       (kanji.radical.short_thread)
70       (kanji.radical.winter)));
71   expand_pbox;
72 enddef;

```

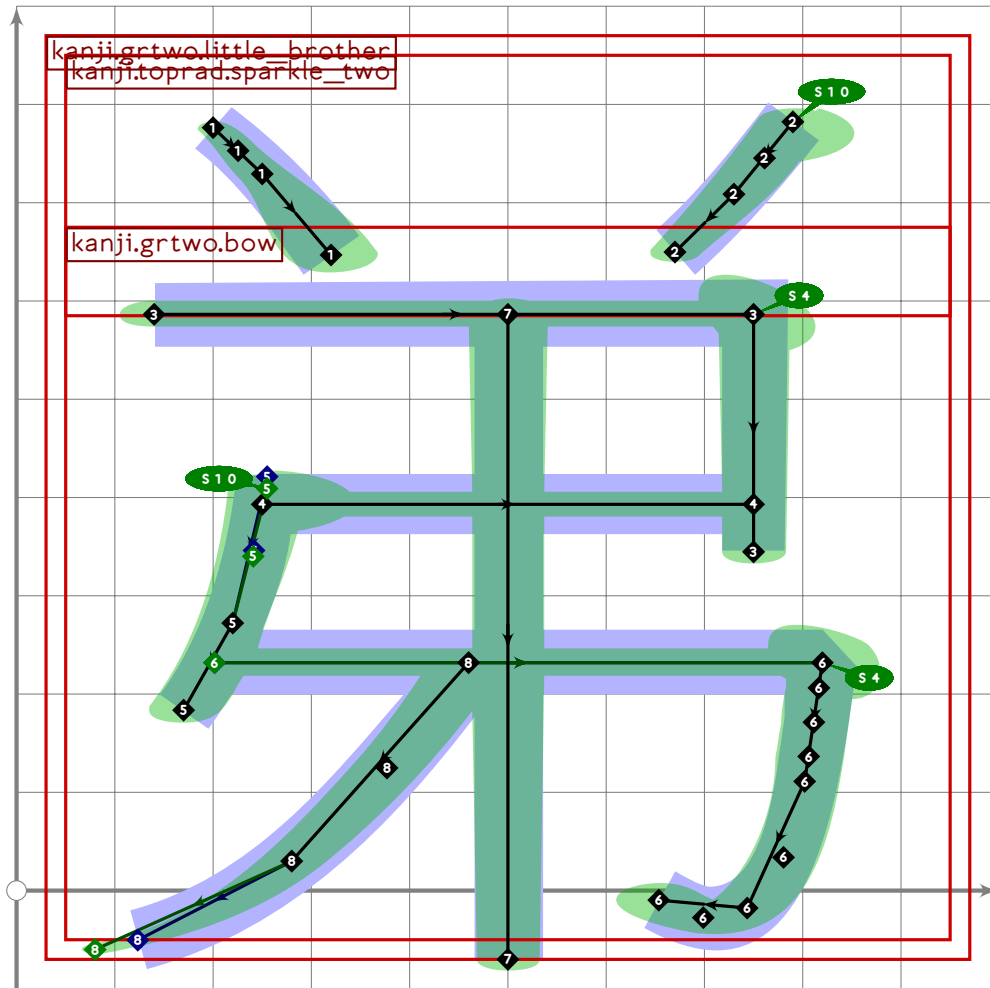


```

73
74 vardef kanji.grtwo.form =
75   push_pbox_toexpand("kanji.grtwo.form");
76   build_kanji.level(build_kanji.lr(580,60)
77     (kanji.radical.topped_aitch)
78     (tsu_xform(identity yscaled 1.04)(kanji.rightrad.short_hair)));
79   expand_pbox;
80 enddef;

```

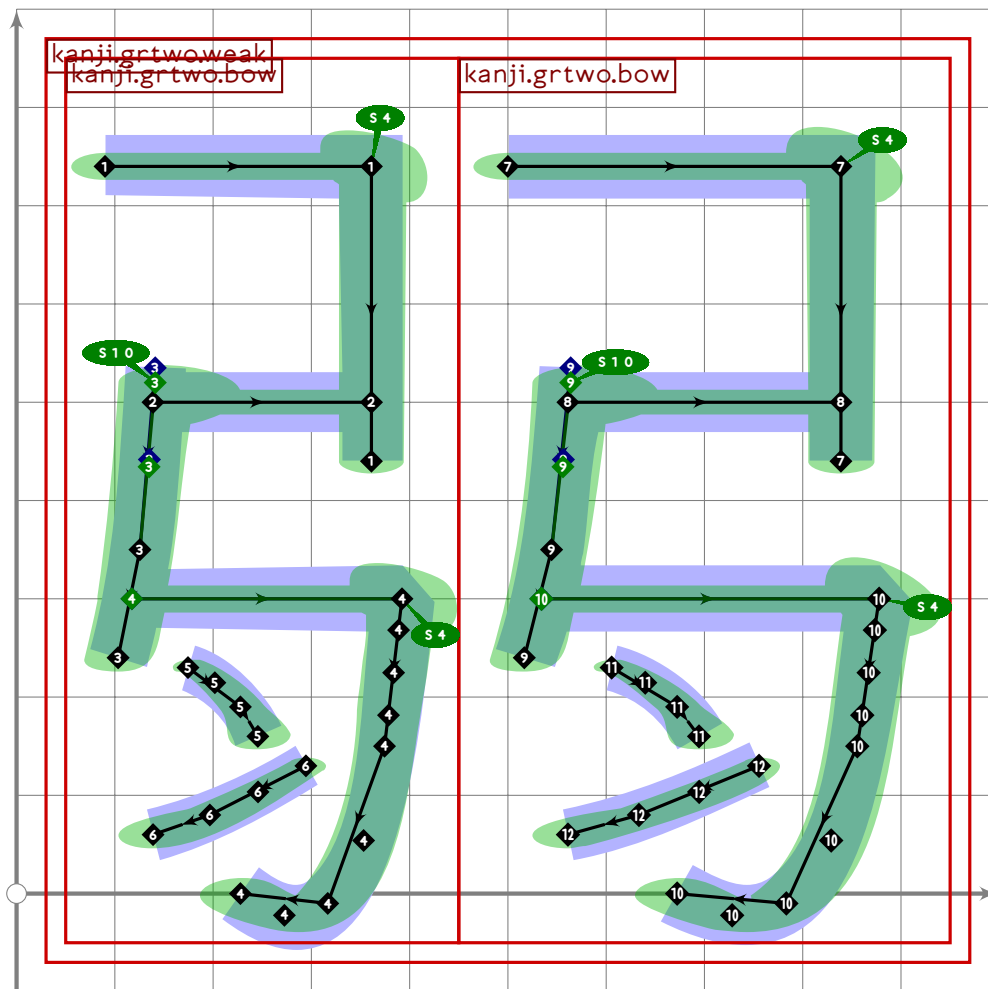
U+5F1F  
tsuku.uni5F1F



```

81
82 vardef kanji.grtwo.little_brother =
83   push_pbox_toexpand("kanji.grtwo.little_brother");
84   build_kanji.level(build_kanji.tb(630,90)
85     (kanji.toprad.sparkle_two)
86     (kanji.grtwo.bow));
87   replace_strokep(0)((point 0 of oldp)-
88     ((subpath (1,infinity) of oldp)
89       shifted (-820,0) xscaled 0.45 shifted (820,0)));
90   push_stroke((500,y part point 0 of get_strokep(-3))-(500,70),
91     (1.6,1.6)-(14,14));
92   push_stroke(
93     ((get_strokep(0) intersectionpoint get_strokep(-1))+(-40,0))..
94     tension 1.2..(280,30)..(80,-60),
95     (1.6,1.6)-(14,14)-(0.9,0.9));
96   expand_pbox;
97 enddef;

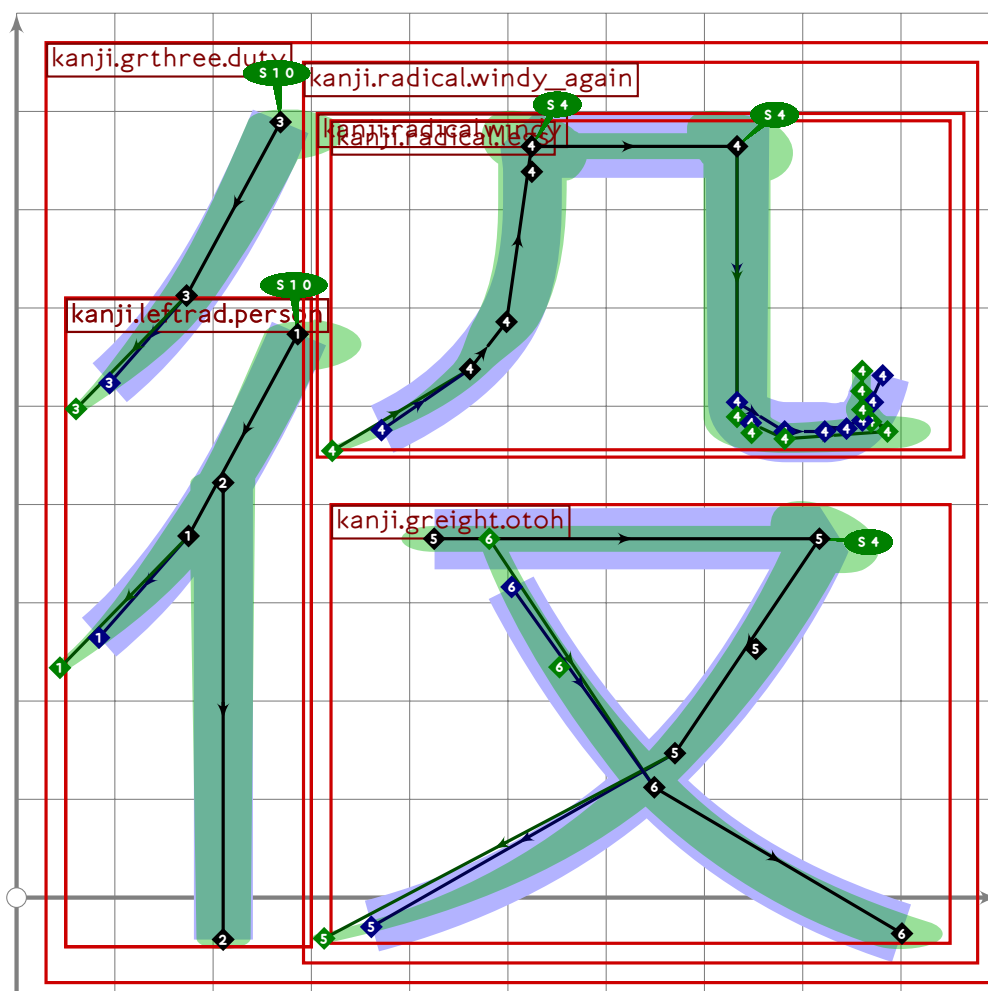
```



```

98
99 vardef kanji.grtwo.weak =
100   push_pbox_toexpand("kanji.grtwo.weak");
101   build_kanji.lr(450,0)
102   (tsu_curve_kanji.grtwo_helper.weak)
103   (tsu_curve_kanji.grtwo_helper.weak);
104   expand_pbox;
105 enddef;
106
107 vardef tsu_curve_kanji.grtwo_helper.weak =
108   kanji.grtwo.bow;
109   push_stroke((330,230)..tension 1.2..(450,190)..(490,160),
110     (1.2,1.2)-(1.4,1.4)-(1.8,1.8));
111   set_bosize(0,80);
112   push_stroke((600,130)..tension 1.2..(380,80)..(250,60),
113     (1.3,1.3)-(1.6,1.6)-(1.9,1.9));
114   set_bosize(0,80);
115 enddef;
116
117

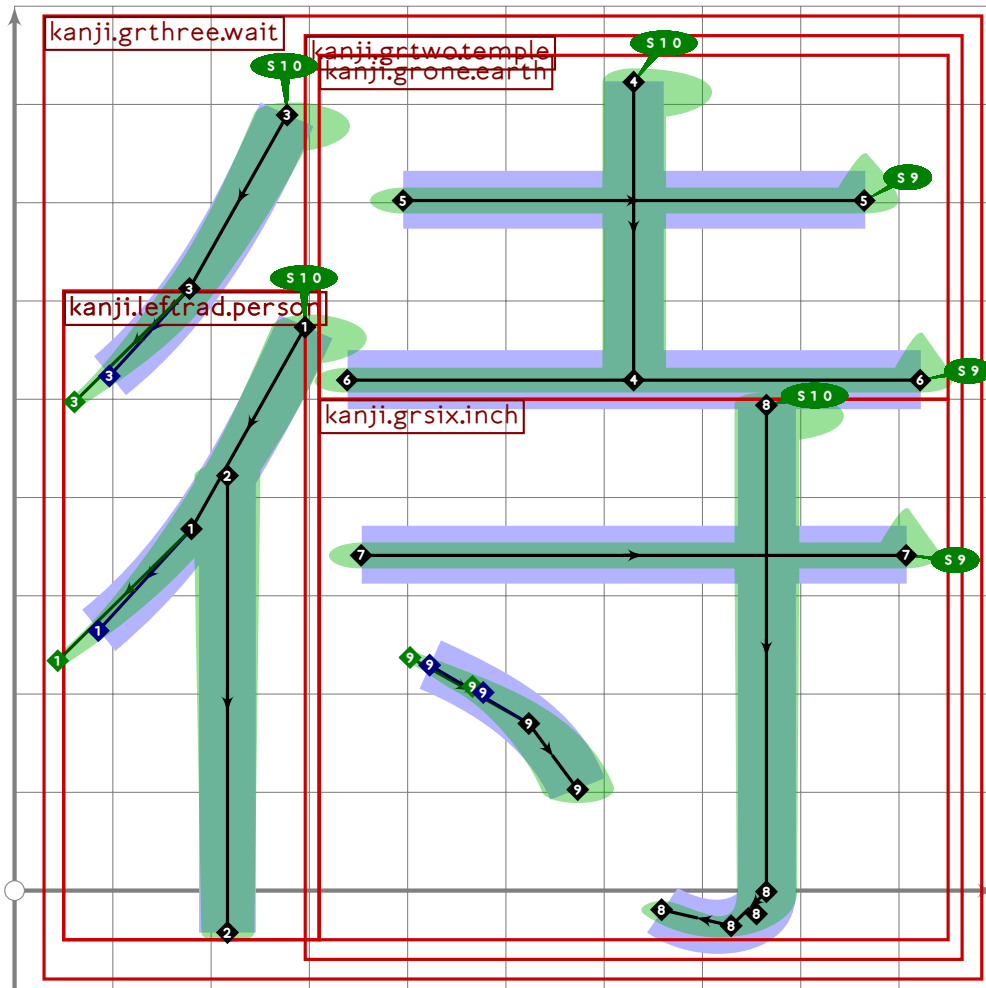
```



```

118
119 vardef kanji.grthree.duty =
120   push_pbox_toexpand("kanji.grthree.duty");
121   build_kanji.level(build_kanji.lr(310,-20)
122     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
123     (kanji.radical.windy_again));
124   expand_pbox;
125 enddef;

```

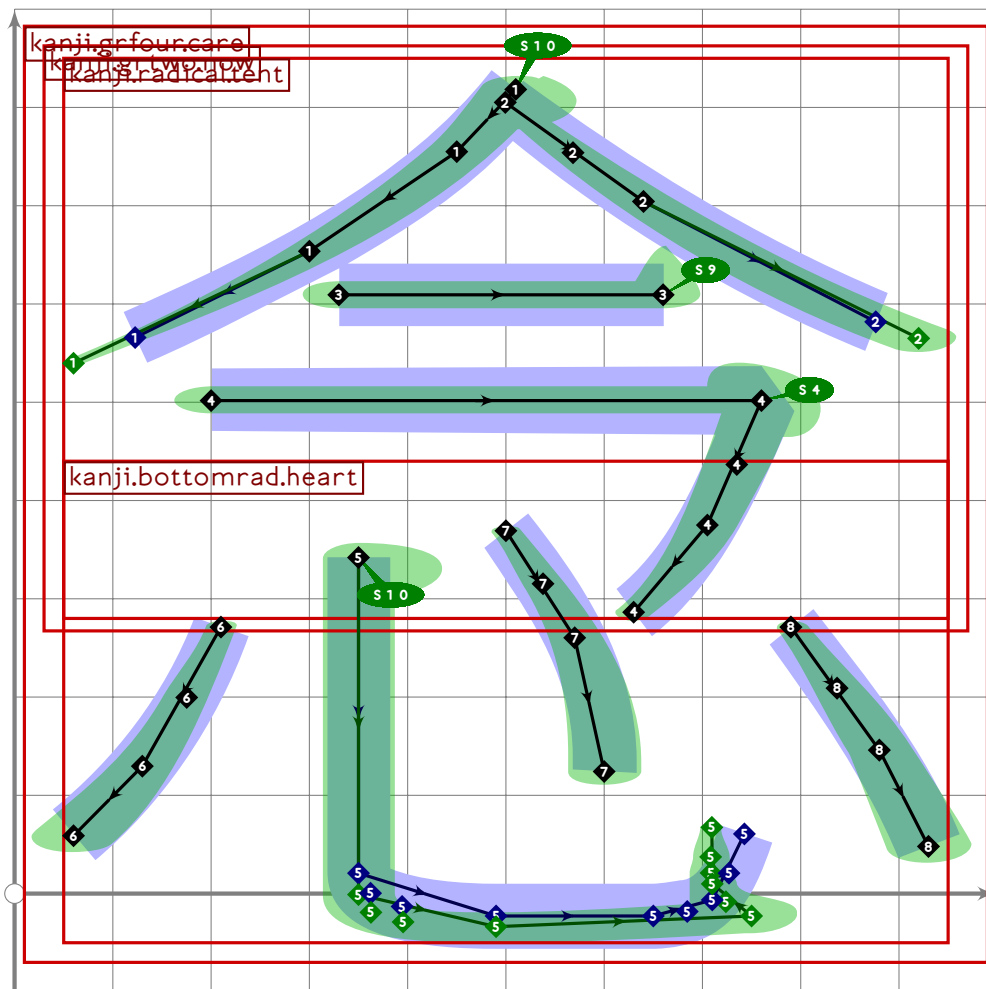


```

126
127 vardef kanji.grthree.wait =
128   push_pbox_toexpand("kanji.grthree.wait");
129   build_kanji.level(build_kanji.lr(310,0)
130     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
131     (kanji.grtwo.temple));
132   expand_pbox;
133 enddef;
134
135

```

U+5FF5  
tsuku.uni5FF5

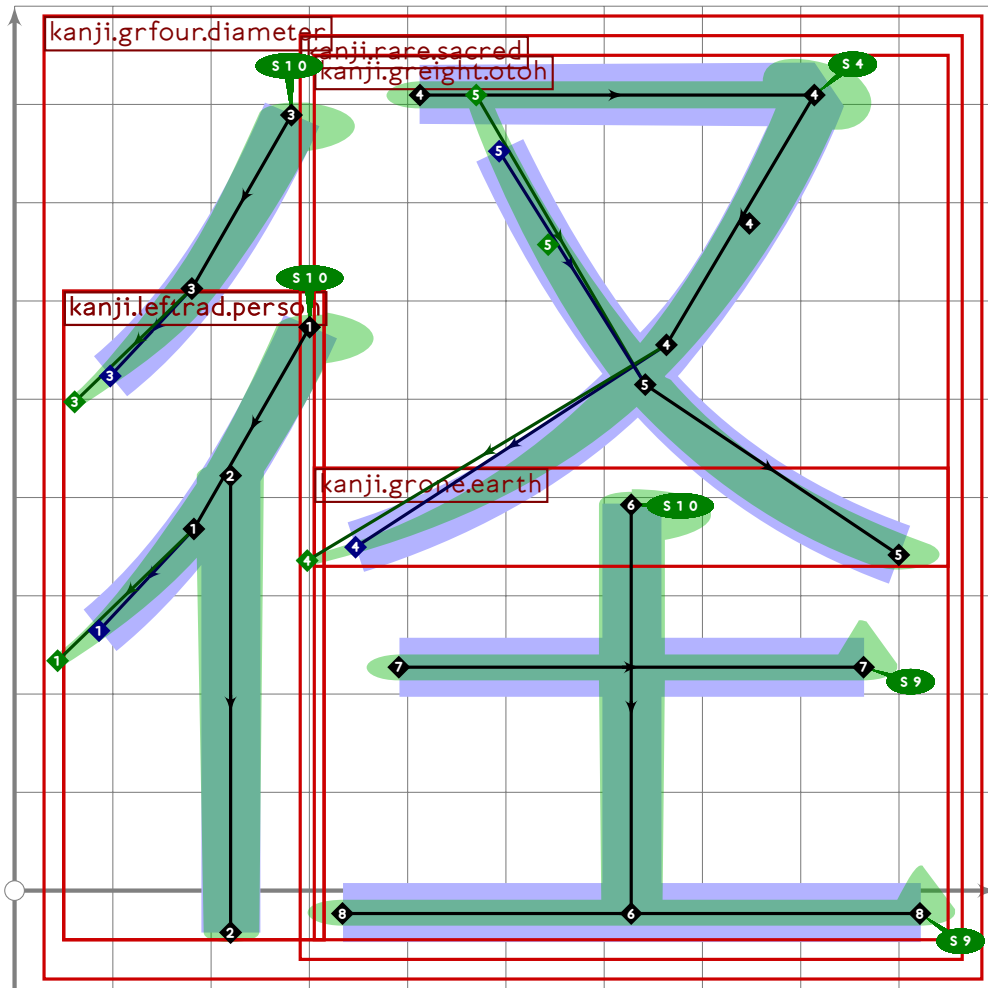


```

136
137 vardef kanji.grfour.care =
138   push_pbox_toexpand("kanji.grfour.care");
139   build_kanji.level(build_kanji.tb(360,160)
140     (kanji.grtwo.now;
141       replace_strokep(0)
142         ((point 0 of oldp)-
143           (subpath (1,infinity) of (oldp shifted (-point 1 of oldp)
144             xscaled 0.5
145             shifted (point 1 of oldp))))))
146   (kanji.bottomrad.heart));
147   expand_pbox;
148 enddef;

```



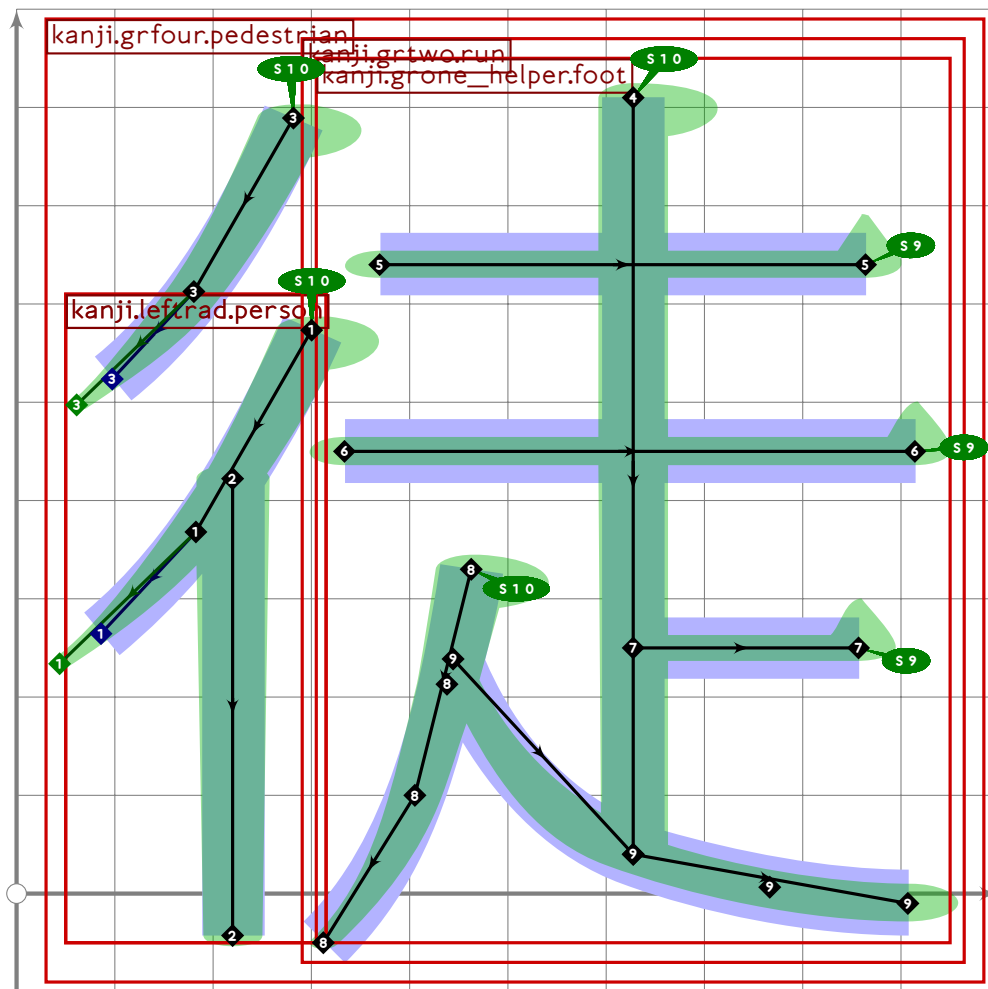


```

149
150 vardef kanji.grfour.diameter =
151   push_pbox_toexpand("kanji.grfour.diameter");
152   build_kanji.level(build_kanji.lr(310,10)
153     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
154     (kanji.rare.sacred));
155   expand_pbox;
156 enddef;

```

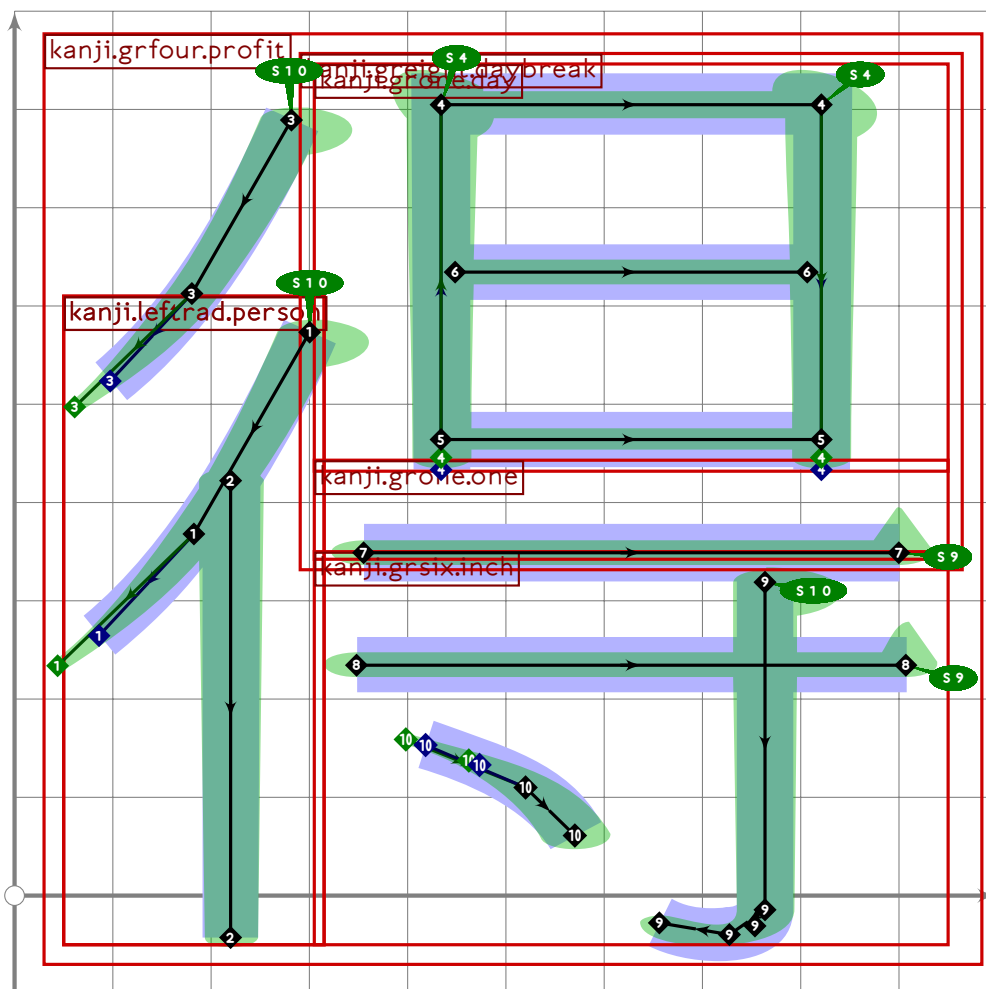
U+5F92  
tsuku.uni5F92



```

157
158 vardef kanji.grfour.pedestrian =
159   push_pbox_toexpand("kanji.grfour.pedestrian");
160   build_kanji.level(build_kanji.lr(310,10)
161     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
162     (kanji.grtwo.run));
163   expand_pbox;
164 enddef;

```

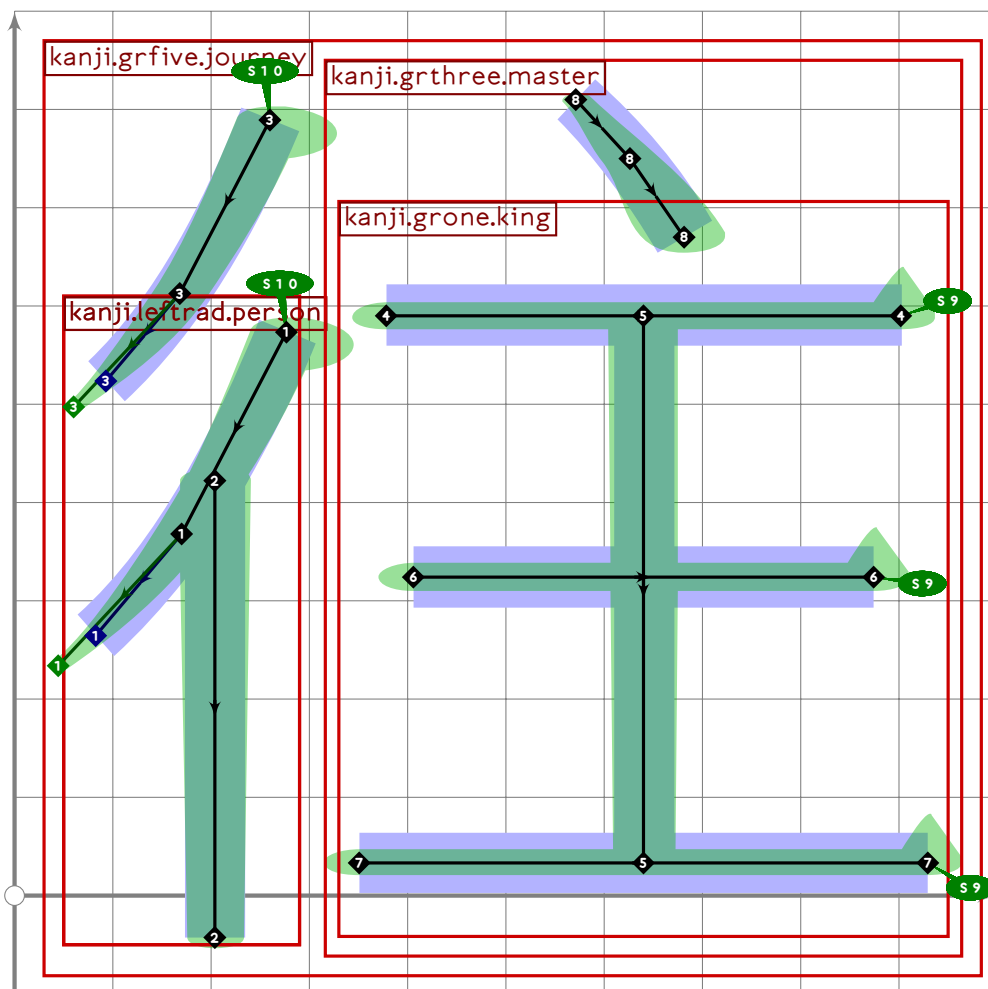


```

165
166 vardef kanji.grfour.profit =
167   push_pbox_toexpand("kanji.grfour.profit");
168   build_kanji.level(build_kanji.lr(310,10)
169     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
170     (build_kanji.tb(360,20)
171       (kanji.greight.daybreak;
172         replace_stroke(0)(oldp shifted (0;-80)))
173       (kanji.grsix.inch)));
174   expand_pbox;
175 enddef;
176
177

```



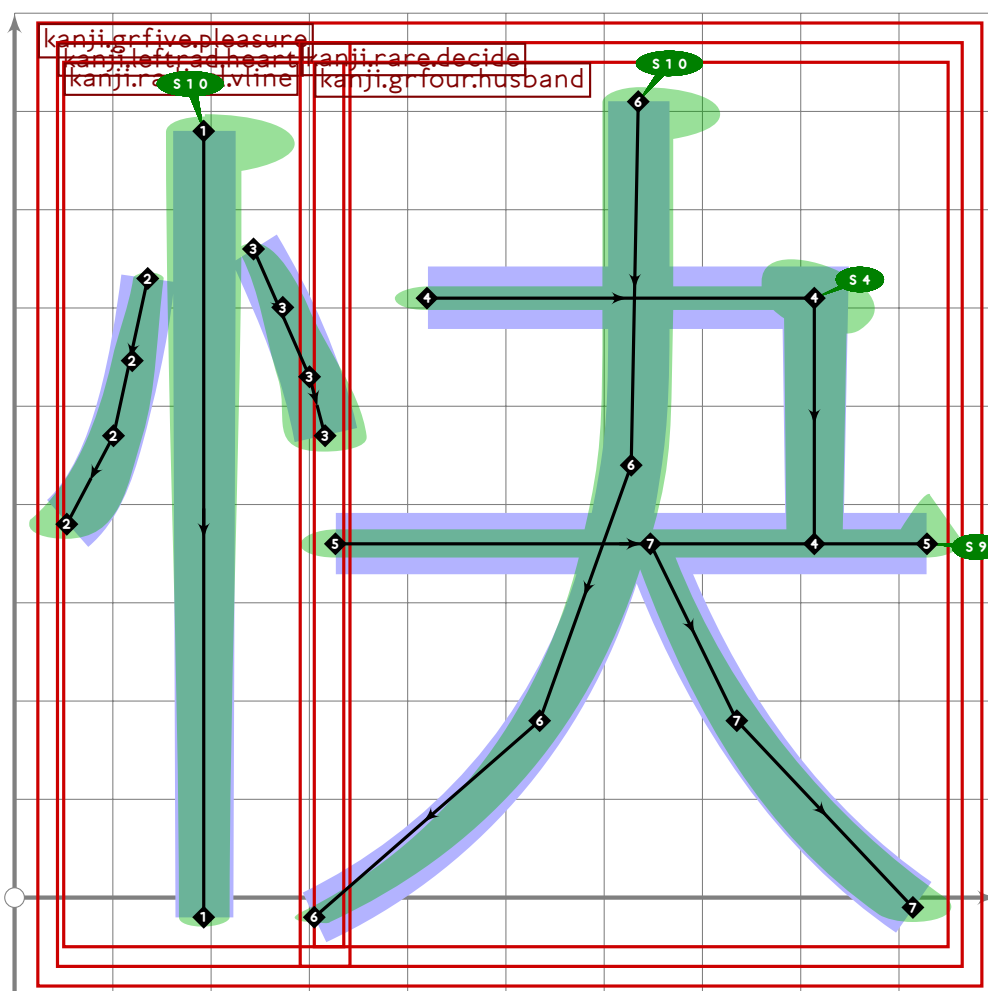


```

184
185 vardef kanji.grfive.journey =
186   push_pbox_toexpand("kanji.grfive.journey");
187   build_kanji.level(build_kanji.lr(310,-40)
188     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
189     (kanji.grthree.master));
190   expand_pbox;
191 enddef;

```

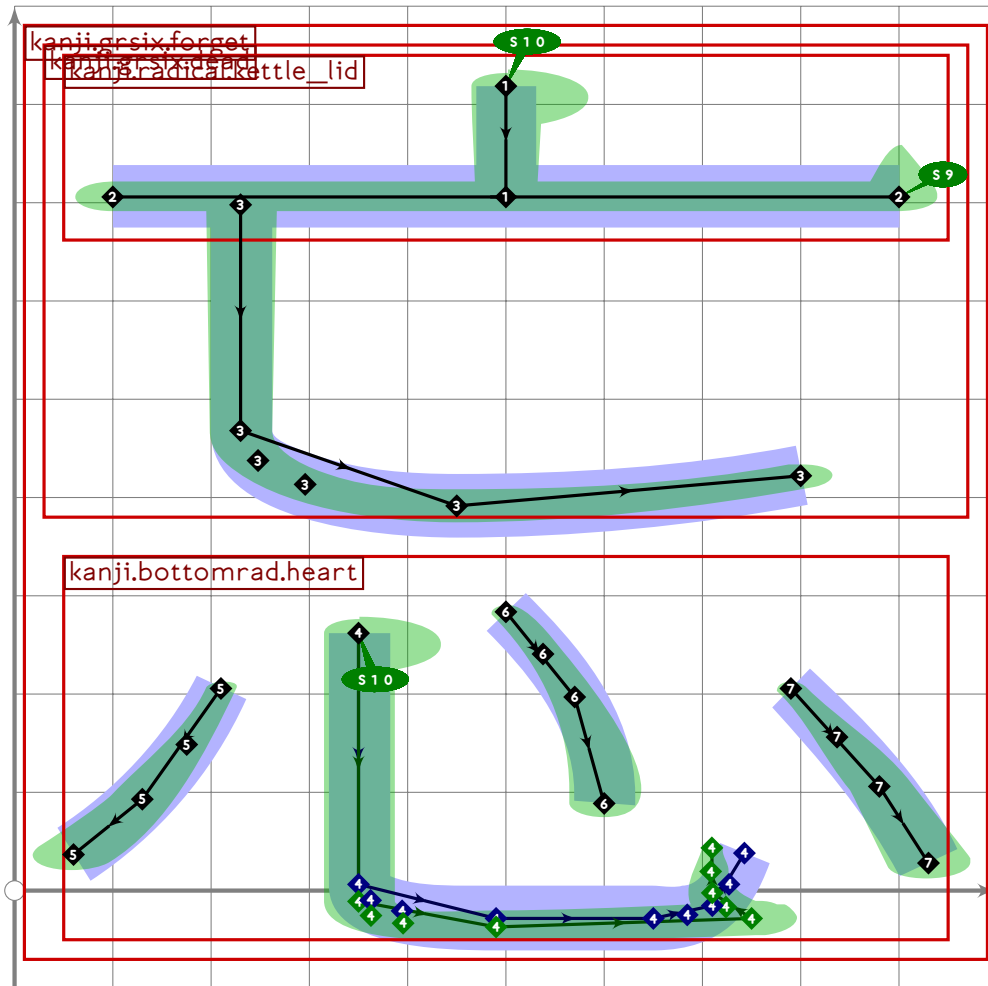
U+5FEB  
tsuku.uni5FEB



```

192
193 vardef kanji.grfive.pleasure =
194   push_pbox_toexpand("kanji.grfive.pleasure");
195   build_kanji.level(build_kanji.lr(320,30)
196     (kanji.leftrad.heart)
197     (kanji.rare.decide));
198   expand_pbox;
199 enddef;
200
201

```

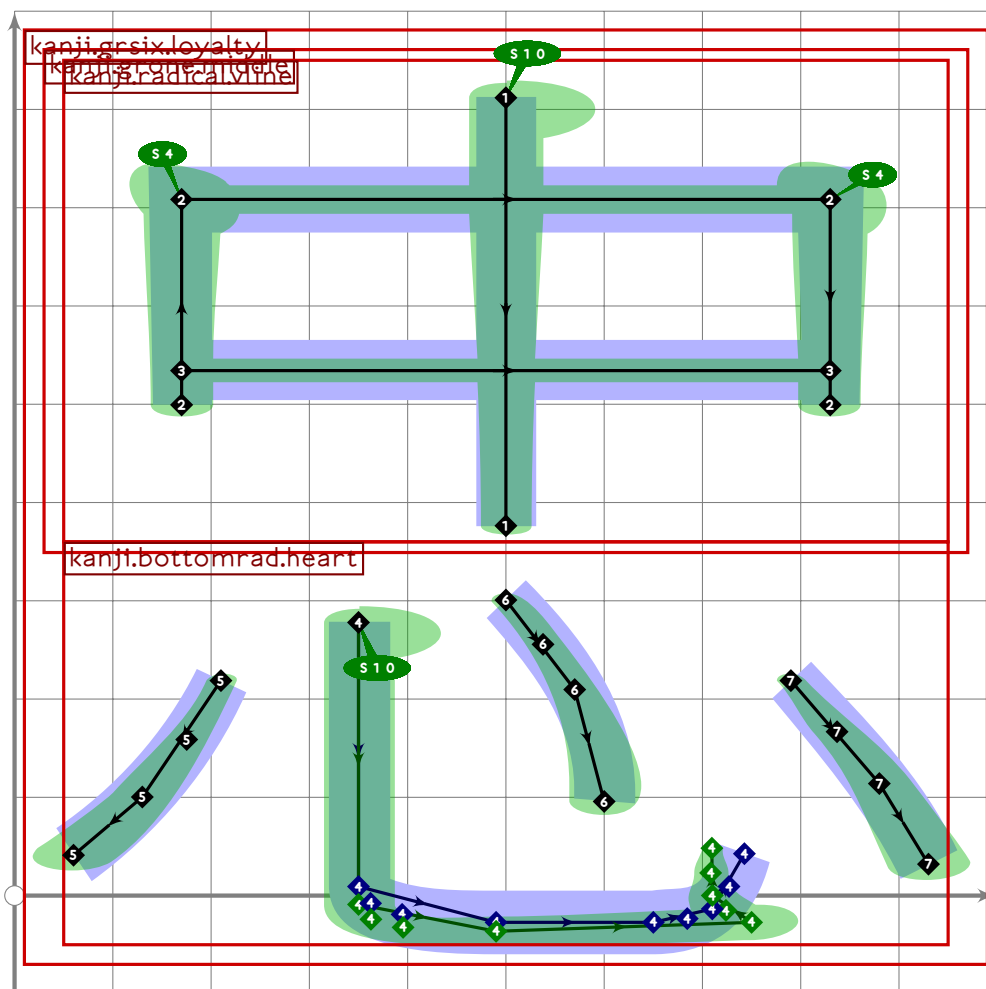


```

202
203 vardef kanji.grsix.forget =
204   push_pbox_toexpand("kanji.grsix.forget");
205   build_kanji.level(build_kanji.tb(360,-40)
206     (kanji.grsix.dead)
207     (kanji.bottomrad.heart));
208   expand_pbox;
209 enddef;

```

U+5FE0  
tsuku.uni5FE0

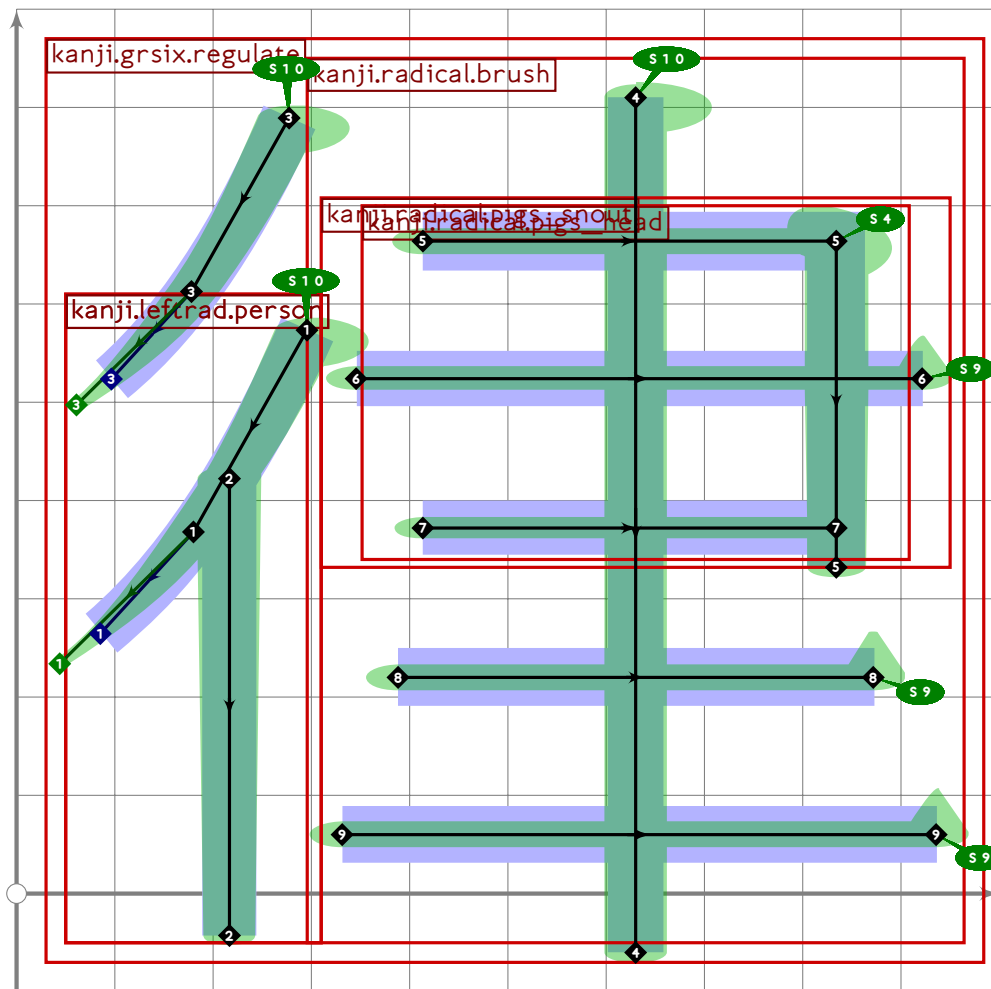


```

210
211 vardef kanji.grsix.loyalty =
212   push_pbox_toexpand("kanji.grsix.loyalty");
213   build_kanji.level(build_kanji.tb(360,0)
214     (kanji.grone.middle)
215     (kanji.bottomrad.heart));
216   expand_pbox;
217 enddef;

```



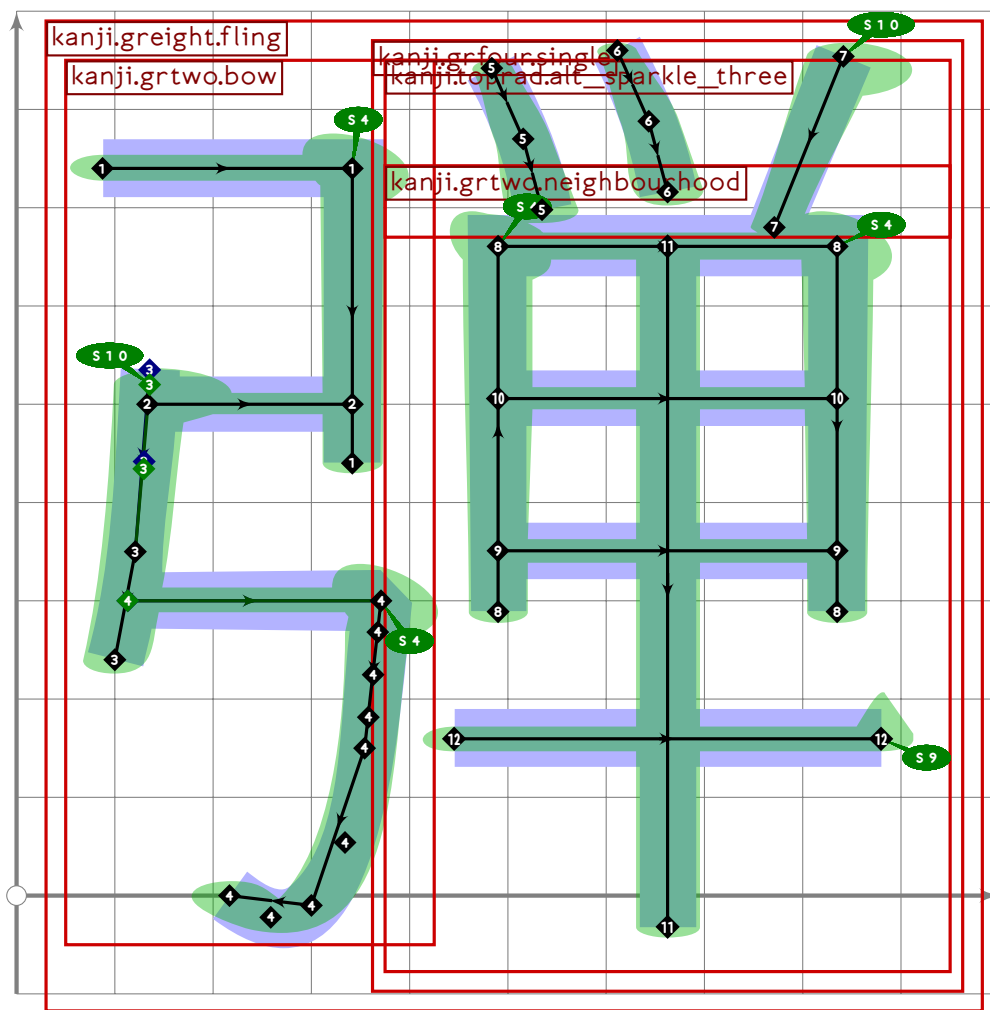


```

218
219 vardef kanji.grsix.regulate =
220   push_pbox_toexpand("kanji.grsix.regulate");
221   build_kanji.level(build_kanji.lr(310,0)
222     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
223     (kanji.radical.brush));
224   expand_pbox;
225 enddef;
226
227

```

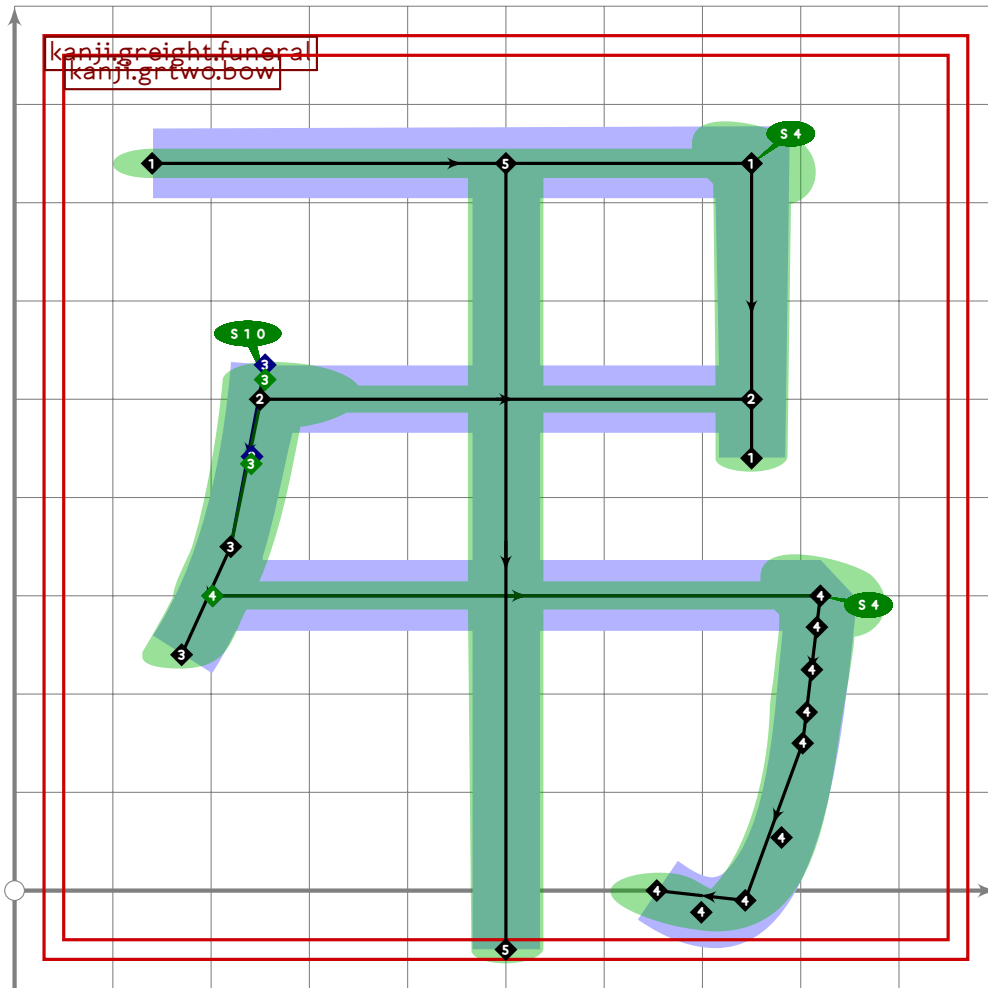
U+5F3E  
tsuku.uni5F3E



```

228
229 vardef kanji.greight.fling =
230   push_pbox_toexpand("kanji.greight.fling");
231   build_kanji.level(build_kanji.lr(400,50)
232     (kanji.grtwo.bow)
233     (kanji.grfour.single));
234   expand_pbox;
235 enddef;

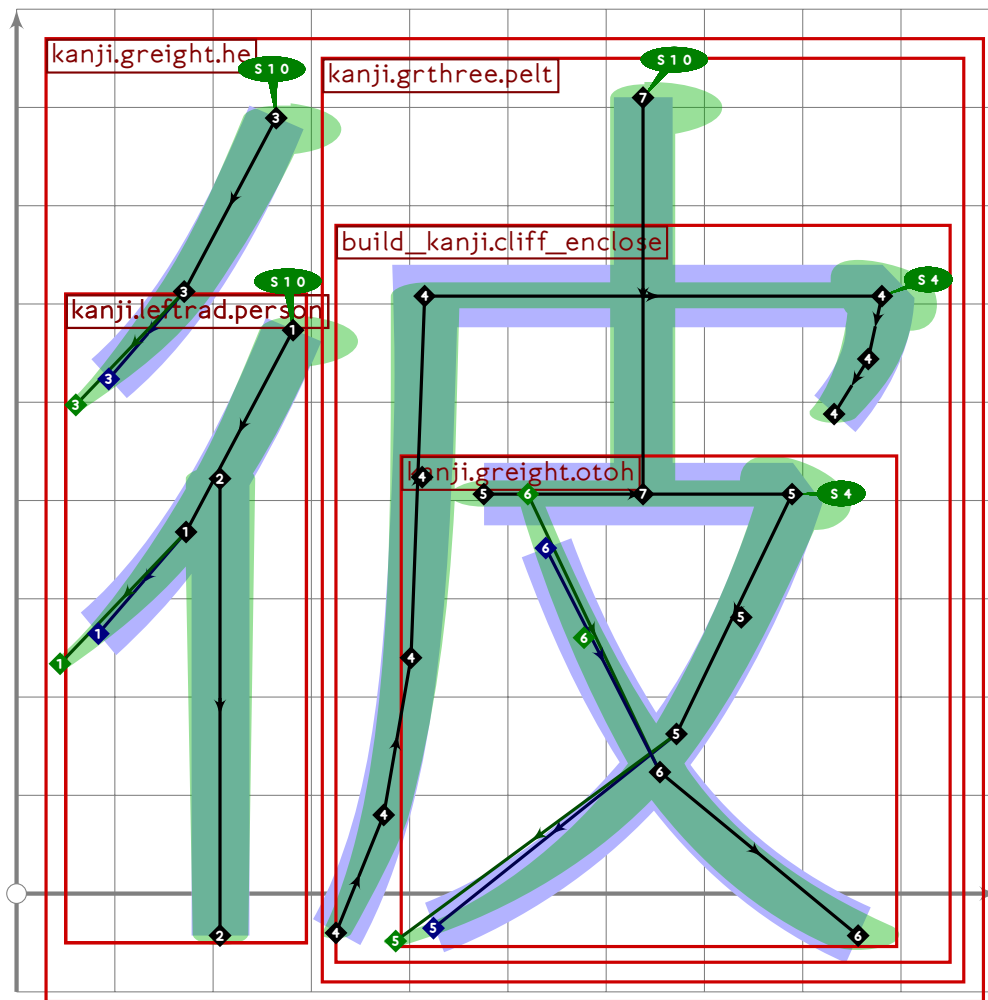
```



```

236
237 vardef kanji.greight.funeral =
238   push_pbox_toexpand("kanji.greight.funeral");
239   kanji.grtwo.bow;
240   replace_strokep(0)((point 0 of oldp)-
241     ((subpath (1,infinity) of oldp)
242       shifted (-820,0) xscaled 0.45 shifted (820,0)));
243   push_stroke((500,740)-(500,-60),(1.6,1.6)-(1.5,1.5));
244   expand_pbox;
245 enddef;

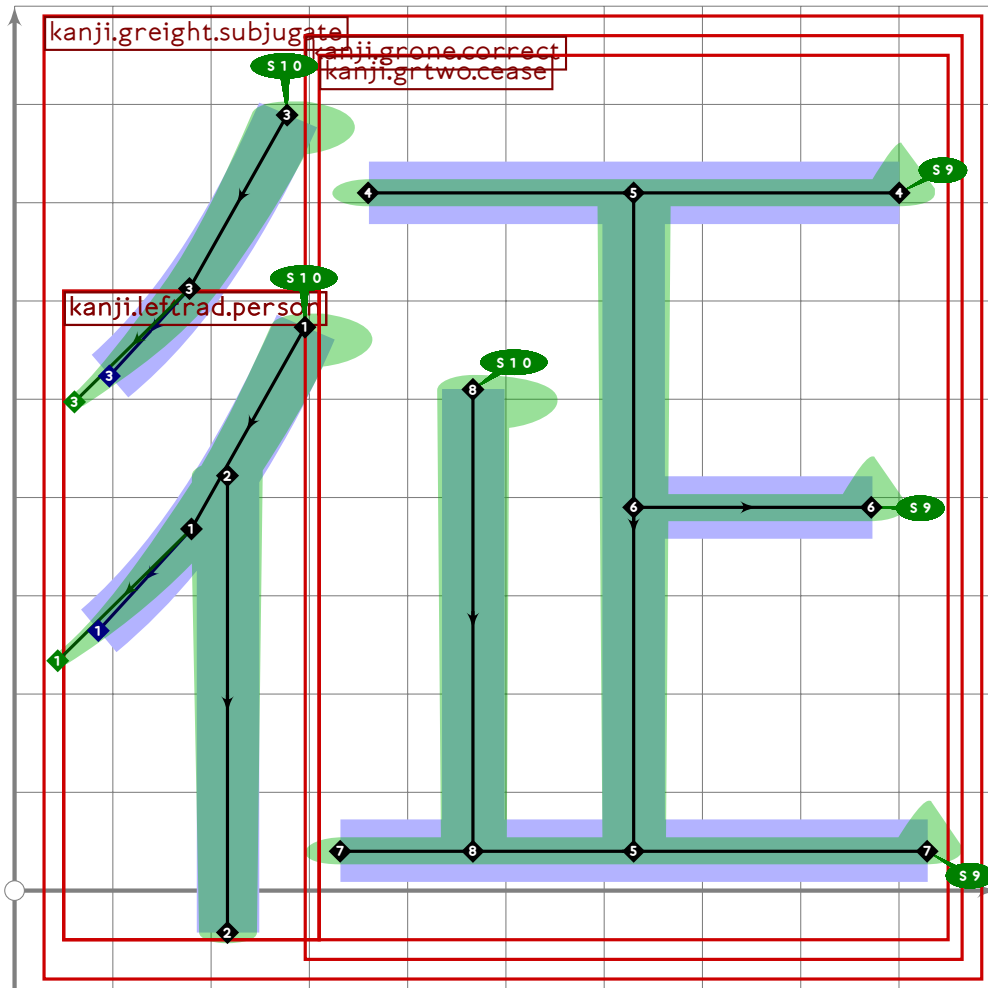
```



```

246
247 vardef kanji.greight.he =
248   push_pbox_toexpand("kanji.greight.he");
249   build_kanji.level(build_kanji.lr(310,30)
250     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
251     (kanji.grthree.pelt));
252   expand_pbox;
253 enddef;

```

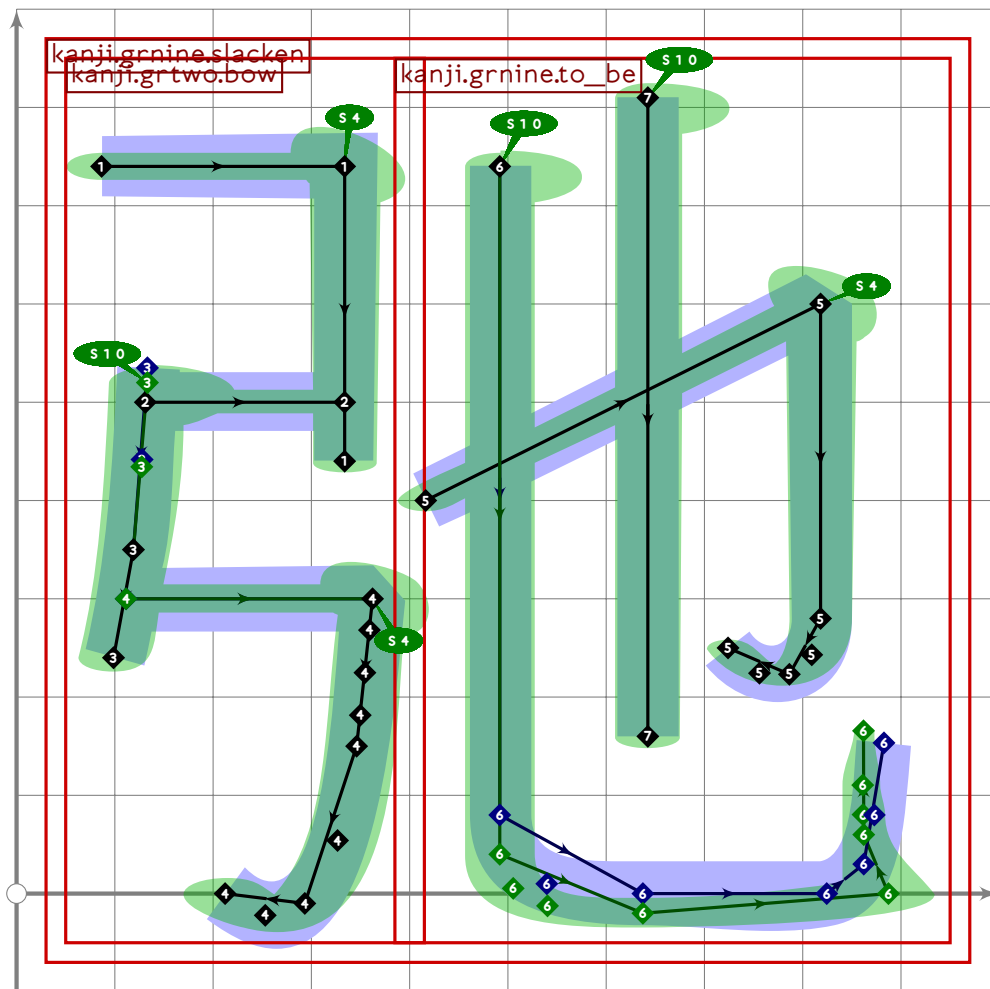


```

254
255 vardef kanji.greight.subjugate =
256   push_pbox_toexpand("kanji.greight.subjugate");
257   build_kanji.level(build_kanji.lr(310,0)
258     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
259     (kanji.grone.correct));
260   expand_pbox;
261 enddef;
262
263

```

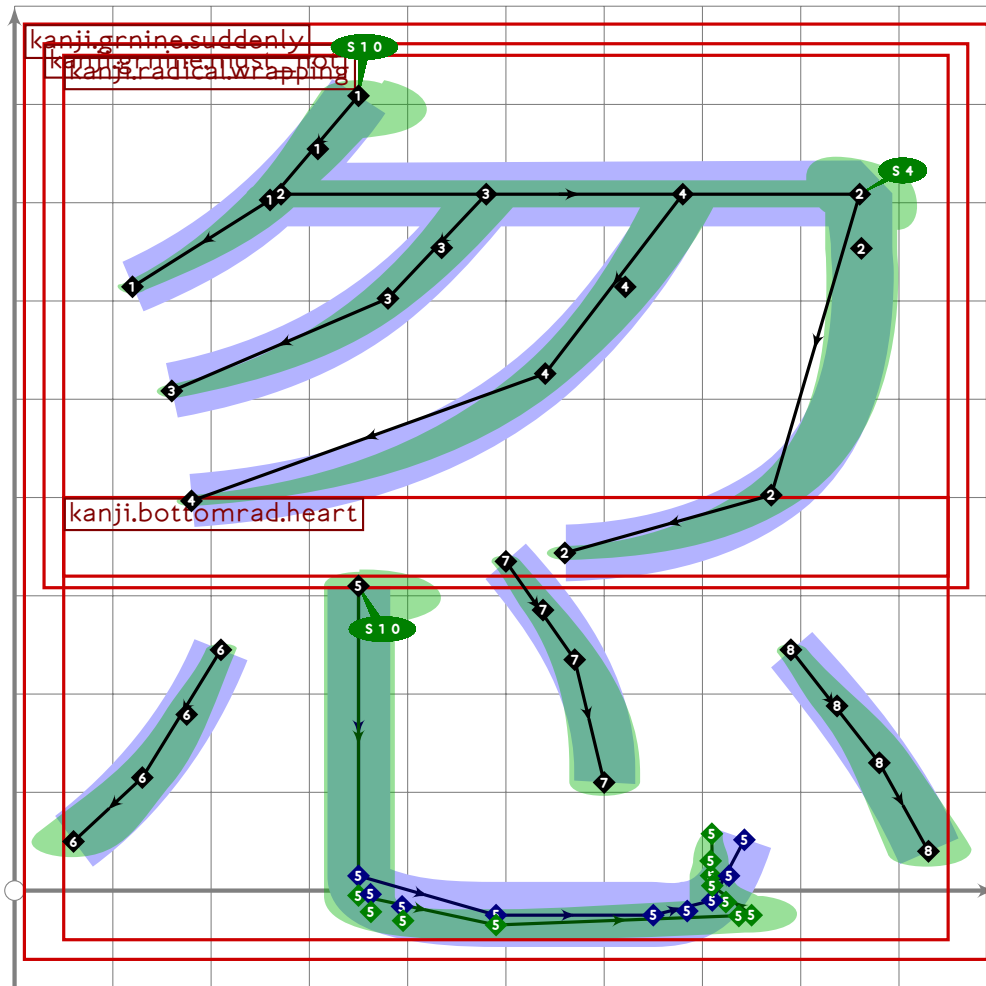
U+5F1B  
tsuku.uni5F1B



```

264
265 vardef kanji.grnine.slacken =
266   push_pbox_toexpand("kanji.grnine.slacken");
267   build_kanji.level(build_kanji.lr(400,30)
268     (kanji.grtwo.bow)
269     (kanji.grnine.to_be));
270   expand_pbox;
271 enddef;

```

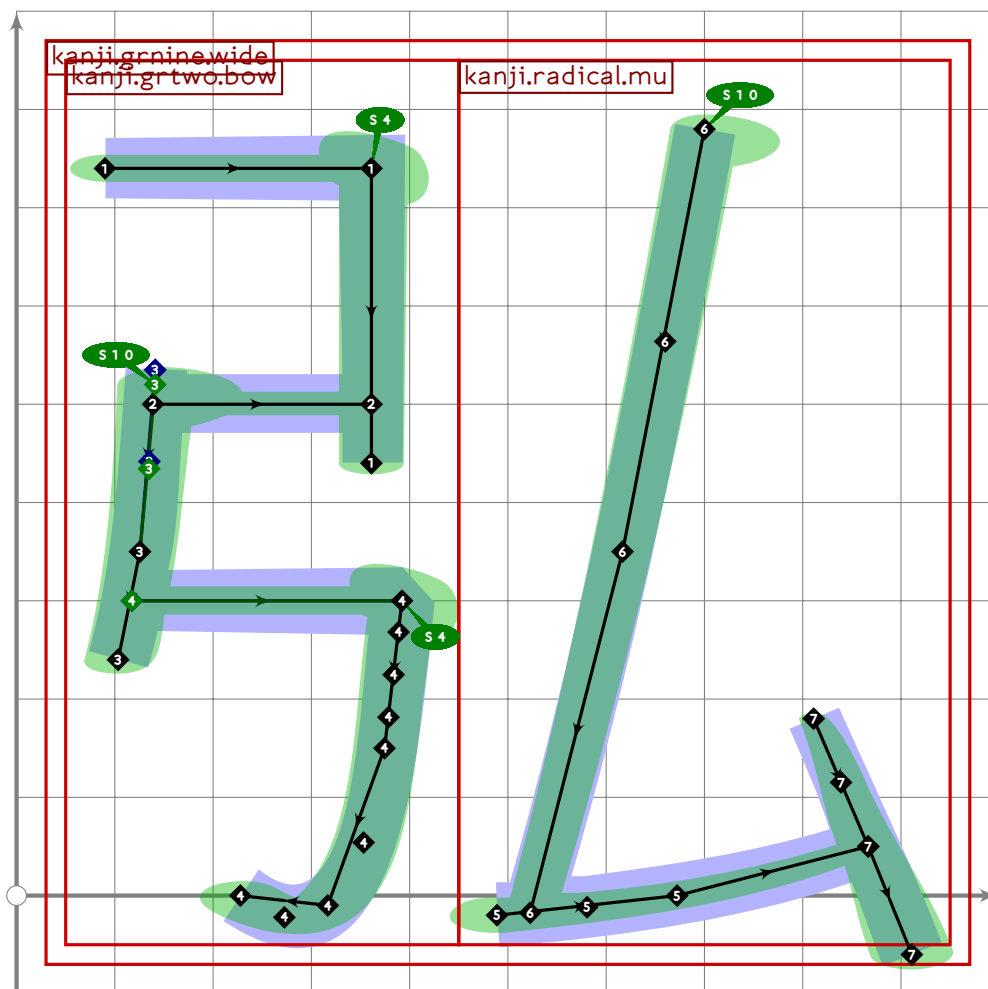


```

272
273 vardef kanji.grnine.suddenly =
274   push_pbox_toexpand("kanji.grnine.suddenly");
275   build_kanji.level(build_kanji.tb(360,80)
276     (kanji.grnine.must_not)
277     (kanji.bottomrad.heart));
278   expand_pbox;
279 enddef;

```

U+5F18  
tsuku.uni5F18



```

280
281 vardef kanji.grnine.wide =
282   push_pbox_toexpand("kanji.grnine.wide");
283   build_kanji.level(build_kanji.lr(450,0)
284     (kanji.grtwo.bow)
285     (kanji.radical.mu));
286   expand_pbox;
287 enddef;
288
289
290
291 % "topped aitch radical"
292 beginsuglyph("uni5F00";0);
293   kanji.radical.topped_aitch;
294   tsu_render;
295 endtsuglyph;
296
297 % yoku/iguromi "ceremony radical"
298 beginsuglyph("uni5F0B";11);
299   kanji.radical.ceremony;
300   tsu_render;

```

[see page 709]

[see page 684]

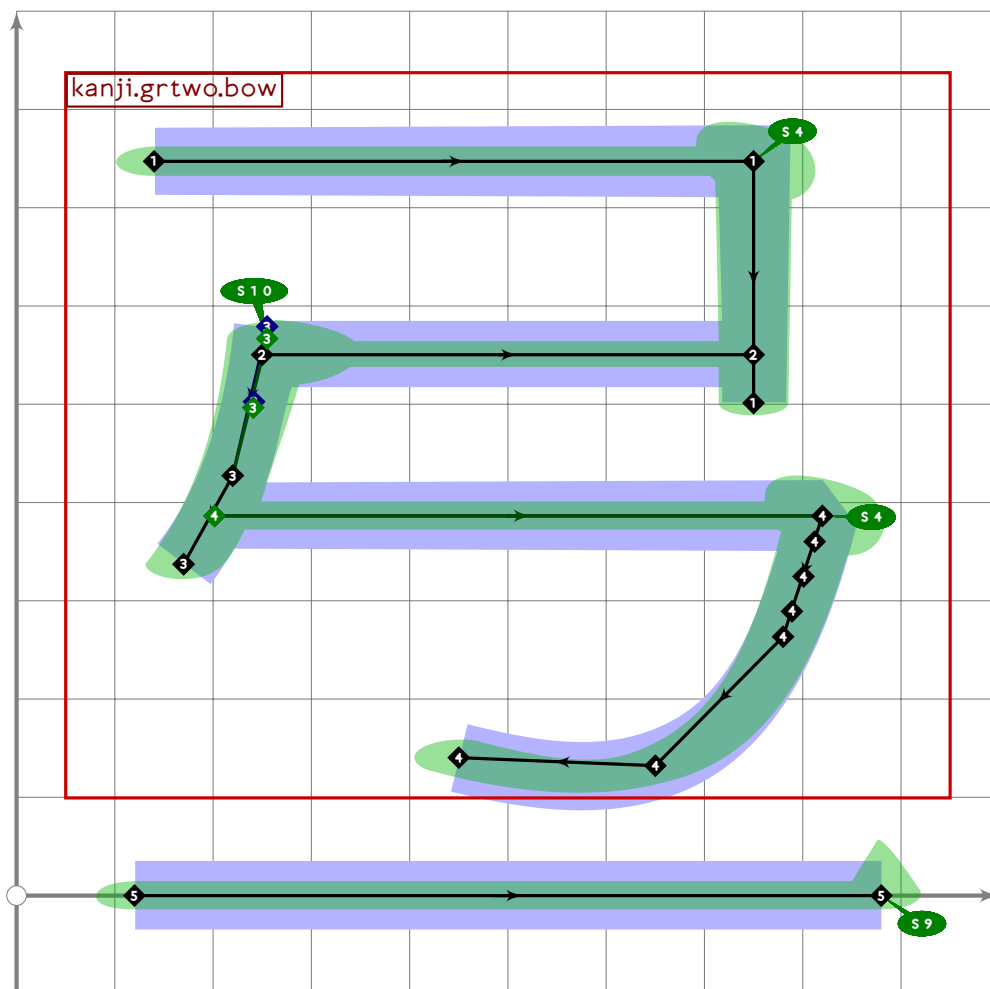


```

301 endtsuglyph;
302
303 % shiki/nori "formula"
304 begintsuglyph("uni5F0F";15); [see page 571]
305   kanji.grthree.formula;
306   tsu_render;
307 endtsuglyph;
308
309 % kyu/yumi "bow" (projectile weapon)
310 begintsuglyph("uni5F13";19); [see page 484]
311   kanji.grtwo.bow;
312   tsu_render;
313 endtsuglyph;
314
315 % chou/tomura "funeral"
316 begintsuglyph("uni5F14";20); [see page 2131]
317   kanji.greight.funeral;
318   tsu_render;
319 endtsuglyph;
320
321 % in/hi "pull"
322 begintsuglyph("uni5F15";21); [see page 536]
323   kanji.grtwo.pull;
324   tsu_render;
325 endtsuglyph;
326

```

U+5F16  
tsuku.uni5F16



```

327 % te "phoneme only"
328 begintsuglyph("uni5F16";22);
329   tsu_xform(identity shifted (0,780) yscaled 0.82 shifted (0,780))
330     (kanji.grtwo.bow);
331   push_stroke((120,0)-(880,0),(1.6,1.6)-(1.6,1.6));
332   set_boserif(0,1,9);
333   tsu_render;
334 endtsuglyph;
335
336 % futsu/doru "dollar"
337 begintsuglyph("uni5F17";23);
338   kanji.rare.dollar;
339   tsu_render;
340 endtsuglyph;
341
342 % kou/hiro "wide" (used in names)
343 begintsuglyph("uni5F18";24);
344   kanji.grnine.wide;
345   tsu_render;
346 endtsuglyph;
347
```

[see page 814]

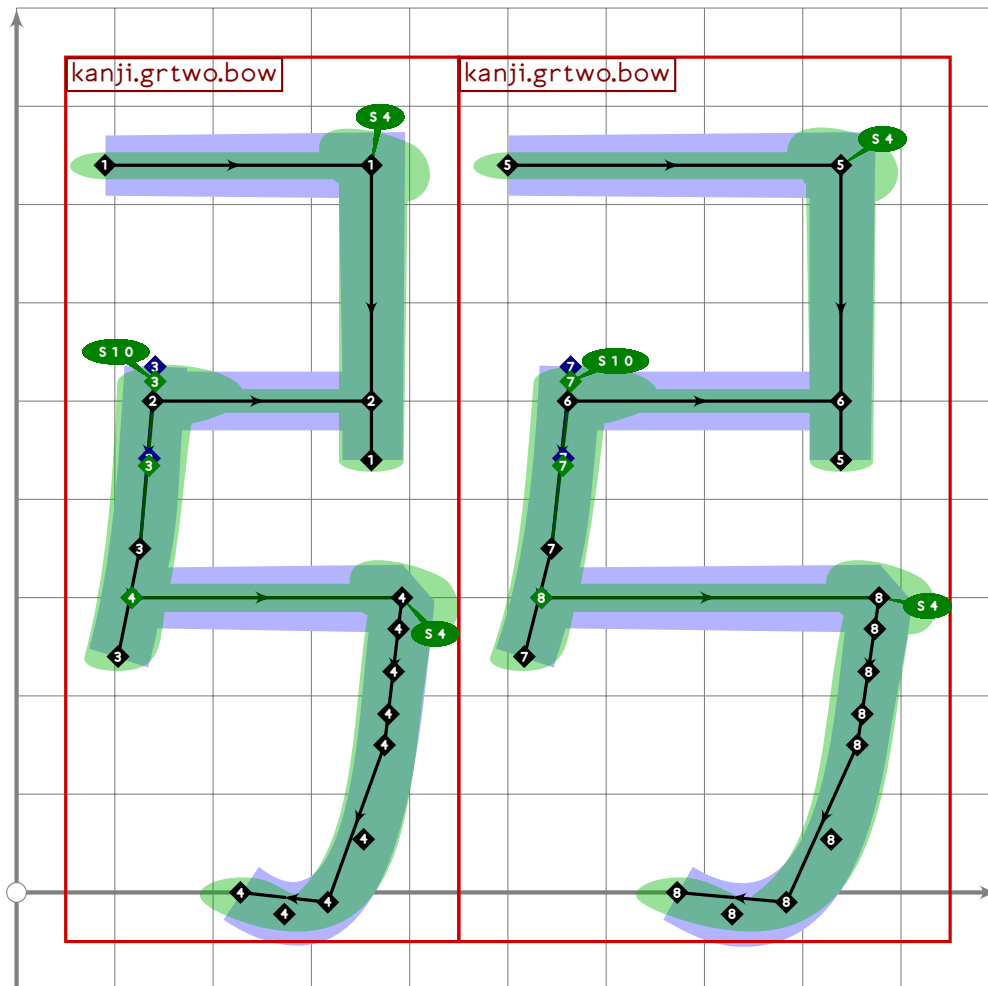
[see page 2136]

```

348 % chi/taru "slacken"
349 begintsuglyph("uni5F1B",27);
350   kanji.grnine.slacken;
351   tsu_render;
352 endtsuglyph;
353

```

[see page 2134]



```

354 % extra
355 begintsuglyph("uni5F1C",28);
356   build_kanji.level(build_kanji.lr(450,0)
357     (kanji.grtwo.bow)
358     (kanji.grtwo.bow));
359   tsu_render;
360 endtsuglyph;
361
362 % twi/otouto "little brother"
363 begintsuglyph("uni5F1F",31);
364   kanji.grtwo.little_brother;
365   tsu_render;
366 endtsuglyph;
367
368 % jyaku/yowa "weak"

```

[see page 2116]

```

369 begintsuglyph("uni5F31";49);
370   kanji.grtwo.weak;
371   tsu_render;
372 endtsuglyph;

```

[see page 2117]

```

373
374 % kyou/tsuyo "strong"
375 begintsuglyph("uni5F37";55);
376   kanji.grtwo.strong;
377   tsu_render;
378 endtsuglyph;

```

[see page 543]

```

379
380 % dan/hi multiple meanings including "fling" and "strum"
381 begintsuglyph("uni5F3E";62);
382   kanji.greight.fling;
383   tsu_render;
384 endtsuglyph;

```

[see page 2130]

```

385
386 % needed for lots of other things, rare by itself
387 begintsuglyph("uni5F50";80);
388   kanji.radical.pigs_tail;
389   tsu_render;
390 endtsuglyph;

```

[see page 703]

```

391
392 % tou/a(tari) "hit"
393 begintsuglyph("uni5F53";83);
394   kanji.grtwo.hit;
395   tsu_render;
396 endtsuglyph;

```

[see page 2113]

```

397
398 % san "short hair radical"
399 begintsuglyph("uni5F61";97);
400   kanji.rightrad.short_hair;
401   tsu_render;
402 endtsuglyph;

```

[see page 718]

```

403
404 % kei/kata "form"
405 begintsuglyph("uni5F62";98);
406   kanji.grtwo.form;
407   tsu_render;
408 endtsuglyph;

```

[see page 2115]

```

409
410 % gen/hiko "boy"
411 begintsuglyph("uni5F66";102);
412   kanji.grnine.boy;
413   tsu_render;
414 endtsuglyph;

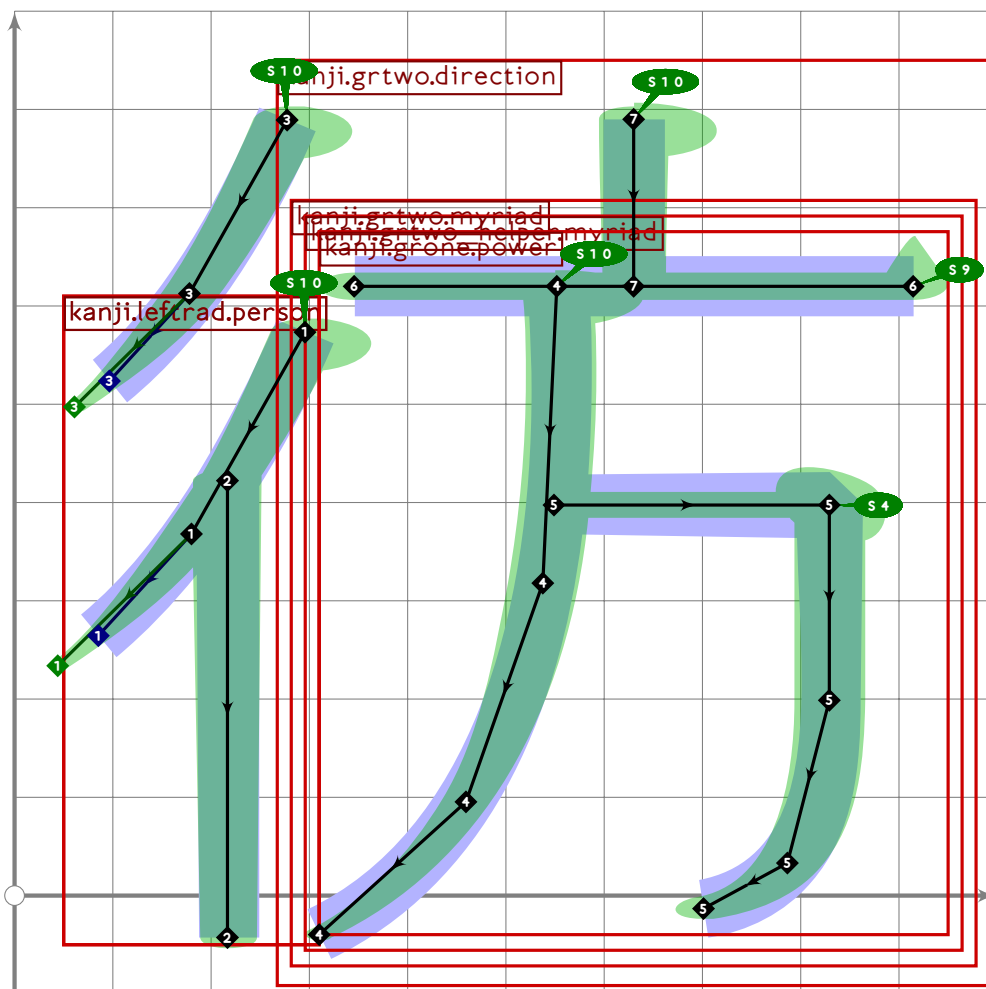
```

[see page 775]

```

415

```



```

416 % extra: hou/samayo "loiter"
417 begintsuglyph("uni5F77";119);
418   build_kanji.level(build_kanji.lr(310,0)
419     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
420     (kanji.grtwo.direction));
421   tsu_render;
422 endtsuglyph;
423
424 % yaku "duty"
425 begintsuglyph("uni5F79";121);
426   kanji.grthree.duty;
427   tsu_render;
428 endtsuglyph;
429
430 % hi/kare "he"
431 begintsuglyph("uni5F7C";124);
432   kanji.greight.he;
433   tsu_render;
434 endtsuglyph;
435
436 % ou/i "journey"

```

[see page 2118]

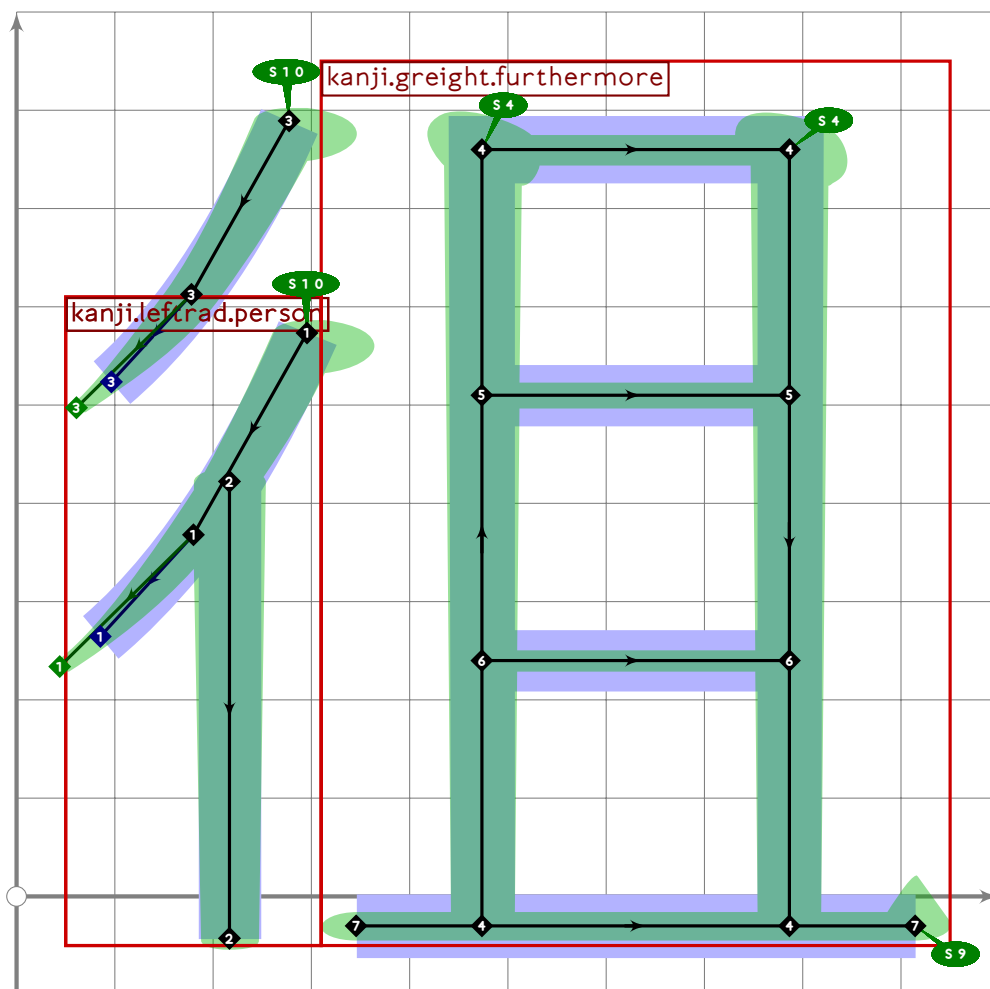
[see page 2132]

U+5F82  
tsuku.uni5F82

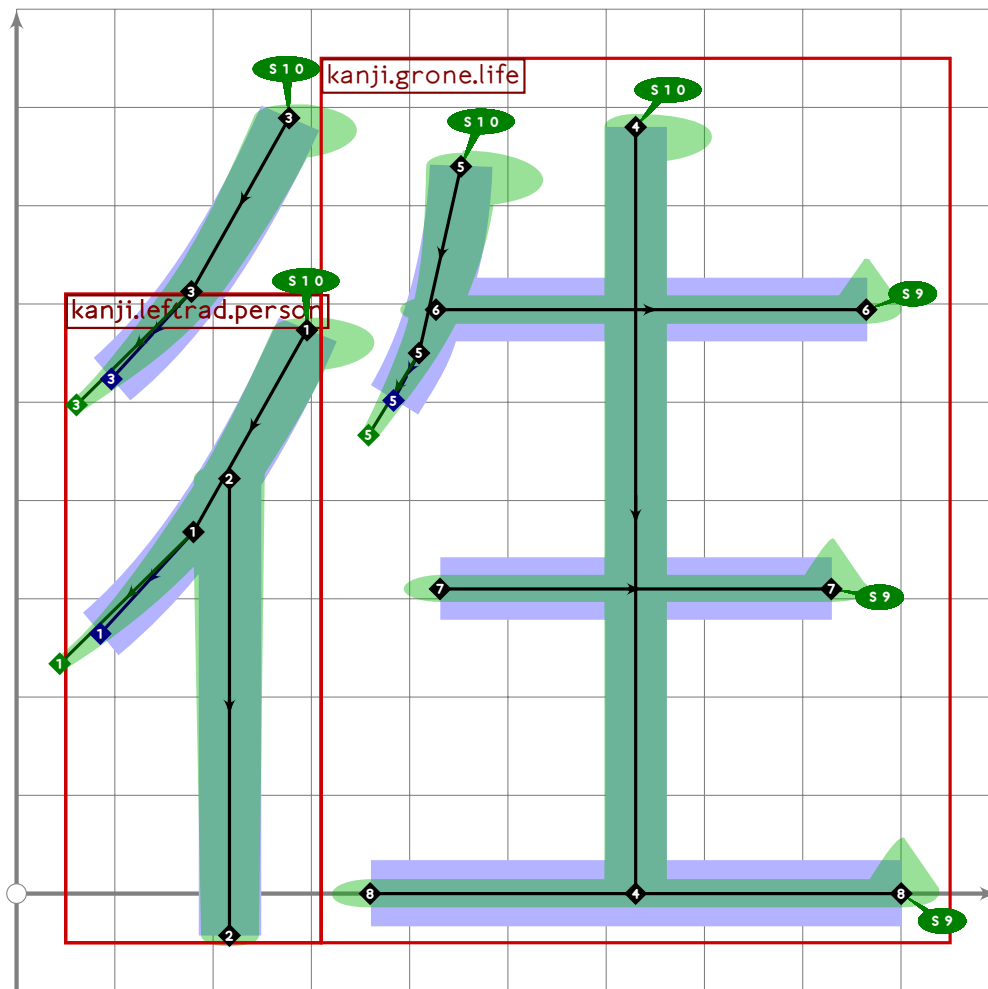
```
437 begintsuglyph("uni5F80";128);  
438 kanji.grfive.journey;  
439 tsu_render;  
440 endtsuglyph;  
441  
442 % sei "subjugate"  
443 begintsuglyph("uni5F81";129);  
444 kanji.greight.subjugate;  
445 tsu_render;  
446 endtsuglyph;  
447
```

[see page 2125]

[see page 2133]



```
448 % extra: ou/i "journey"  
449 begintsuglyph("uni5F82";130);  
450 build_kanji.level(build_kanji.lr(310,0)  
451 (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))  
452 (kanji.greight.furthermore));  
453 tsu_render;  
454 endtsuglyph;  
455
```



```

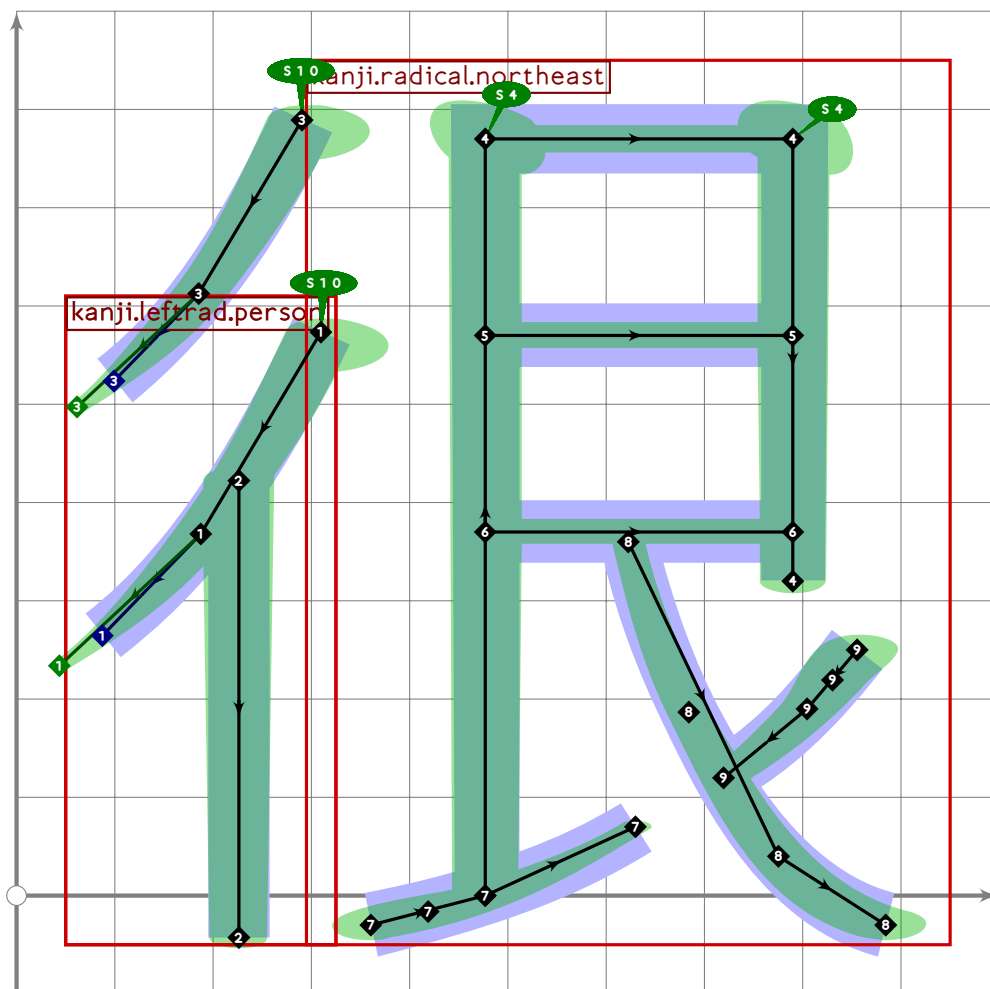
456 % extra: ou/i "journey"
457 begintsuglyph("uni5F83";131);
458   build_kanji.level(build_kanji.lr(310,0)
459     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
460     (kanji.grone.life));
461   tsu_render;
462 endtsuglyph;
463
464 % kei/machi "diameter"
465 begintsuglyph("uni5F84";132);
466   kanji.grfour.diameter;
467   tsu_render;
468 endtsuglyph;
469
470 % tai/matsu "wait"
471 begintsuglyph("uni5F85";133);
472   kanji.grthree.wait;
473   tsu_render;
474 endtsuglyph;
475

```

[see page 2121]

[see page 2119]

U+5F88  
tsuku.uni5F88

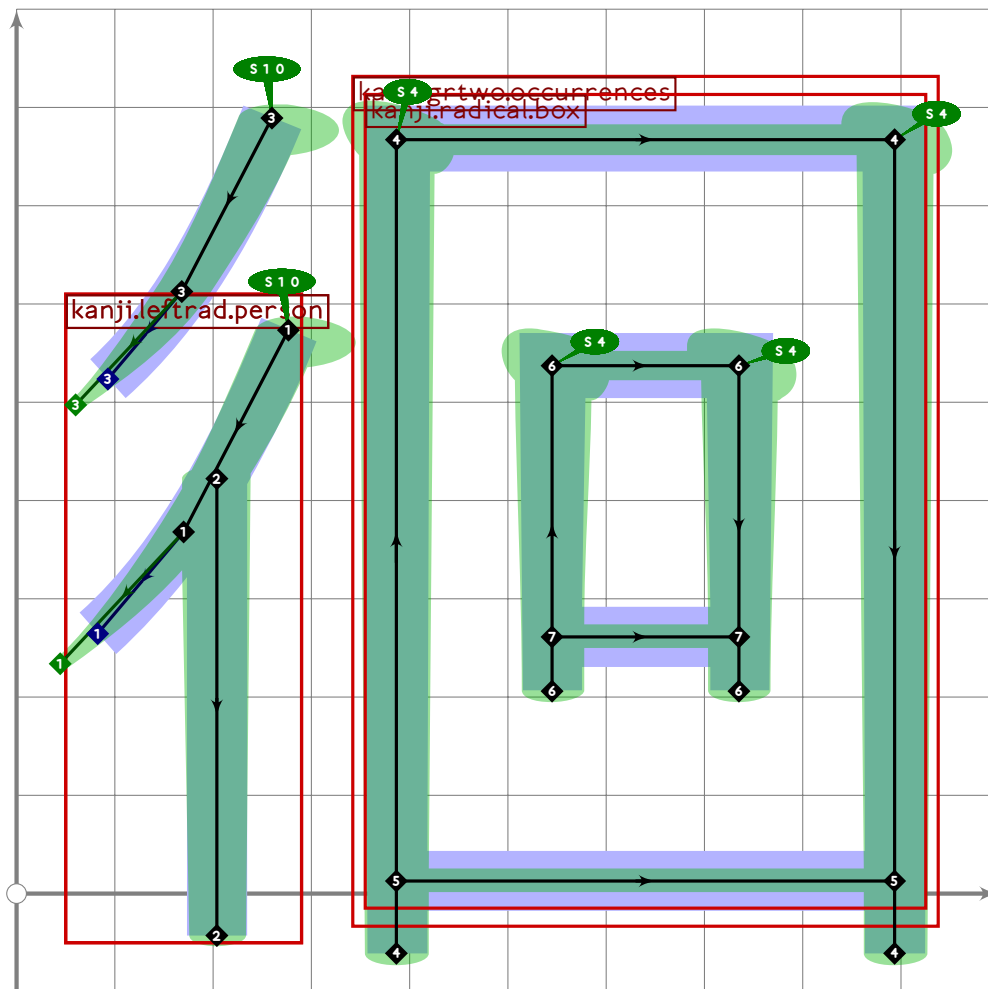


```

476 % extra: kon/mopto "disobey"
477 begintsuglyph("uni5F88",136);
478   build_kanji.level(build_kanji.lr(310,30)
479     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
480     (kanji.radical.northeast));
481   tsu_render;
482 endtsuglyph;
483

```





```

484 % extra: kai/samayo "wandering"
485 begintsuglyph("uni5F8A";138);
486   build_kanji.level(build_kanji.lr(310,40)
487     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
488     (build_kanji.sscale(scaled 0.92)(kanji.grtwo.occurrences)));
489   tsu_render;
490 endtsuglyph;

```

```

491
492 % ritsu/takashi regulate
493 begintsuglyph("uni5F8B";139);
494   kanji.grsix.regulate;
495   tsu_render;
496 endtsuglyph;

```

[see page 2129]

```

497
498 % go/shiri "behind"
499 begintsuglyph("uni5F8C";140);
500   kanji.grtwo.behind;
501   tsu_render;
502 endtsuglyph;
503
504 % to/itazura "pedestrian"

```

[see page 2114]

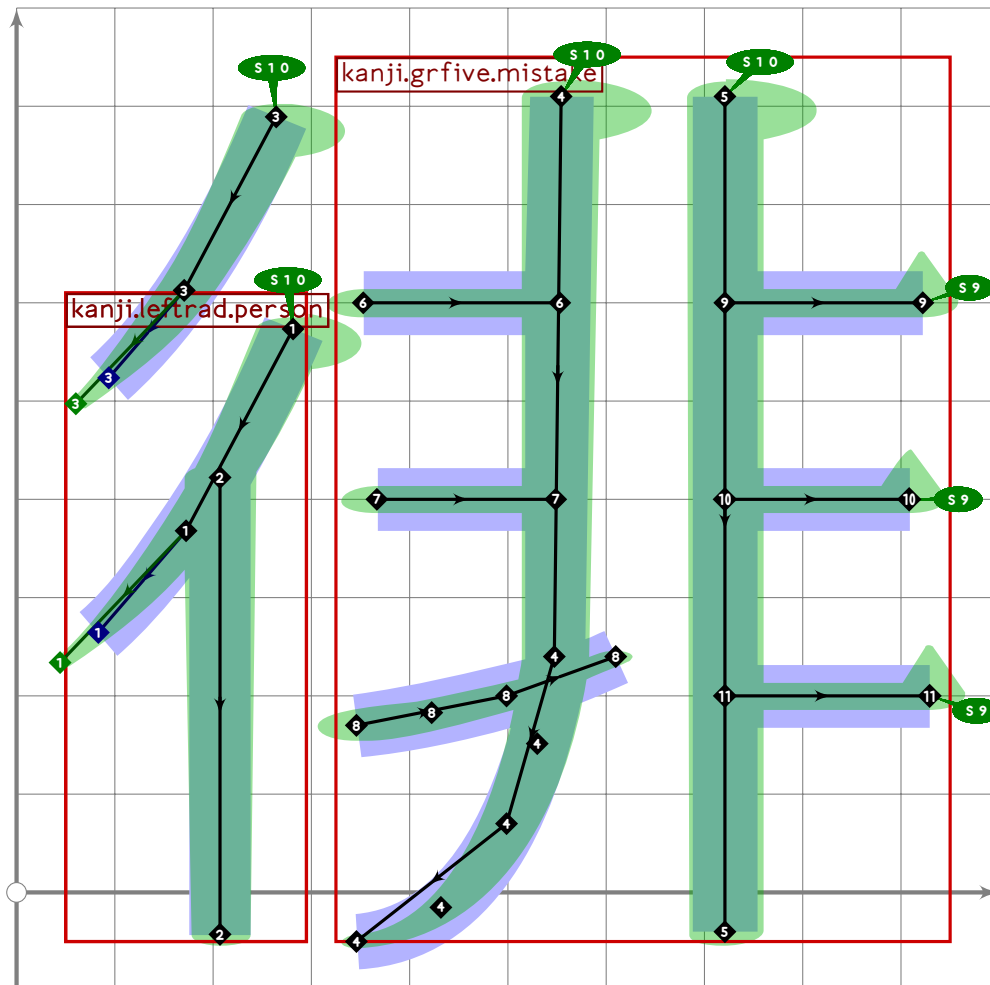
U+5F98  
tsuku.uni5F98

```
505 begintsuglyph("uni5F92";146);  
506 kanji.grfour.pedestrian;  
507 tsu_render;  
508 endtsuglyph;  
509
```

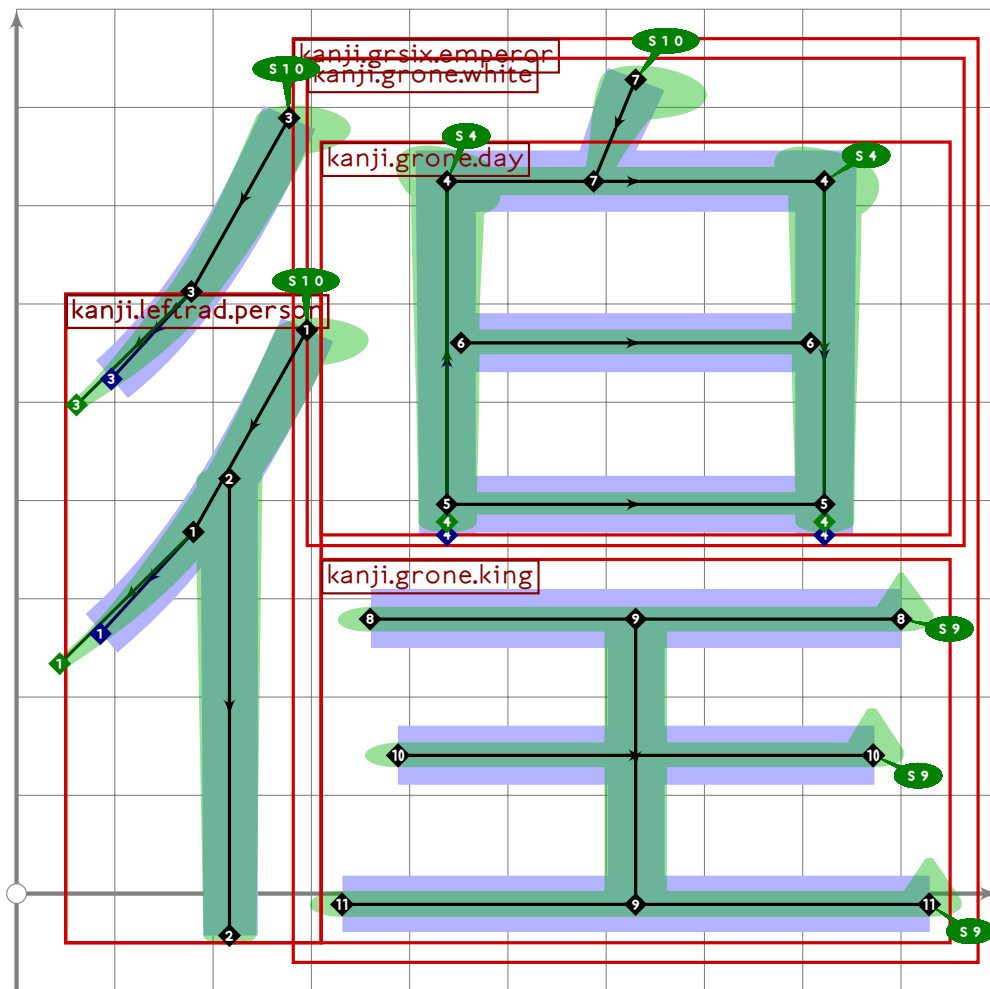
[see page 2122]

```
510 % taku/e "profit"  
511 begintsuglyph("uni5F97";151);  
512 kanji.grfour.profit;  
513 tsu_render;  
514 endtsuglyph;  
515
```

[see page 2123]



```
516 % extra "wander"  
517 begintsuglyph("uni5F98";152);  
518 build_kanji.level(build_kanji.lr(310,-30)  
519 (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))  
520 (kanji.grfive.mistake));  
521 tsu_render;  
522 endtsuglyph;  
523
```



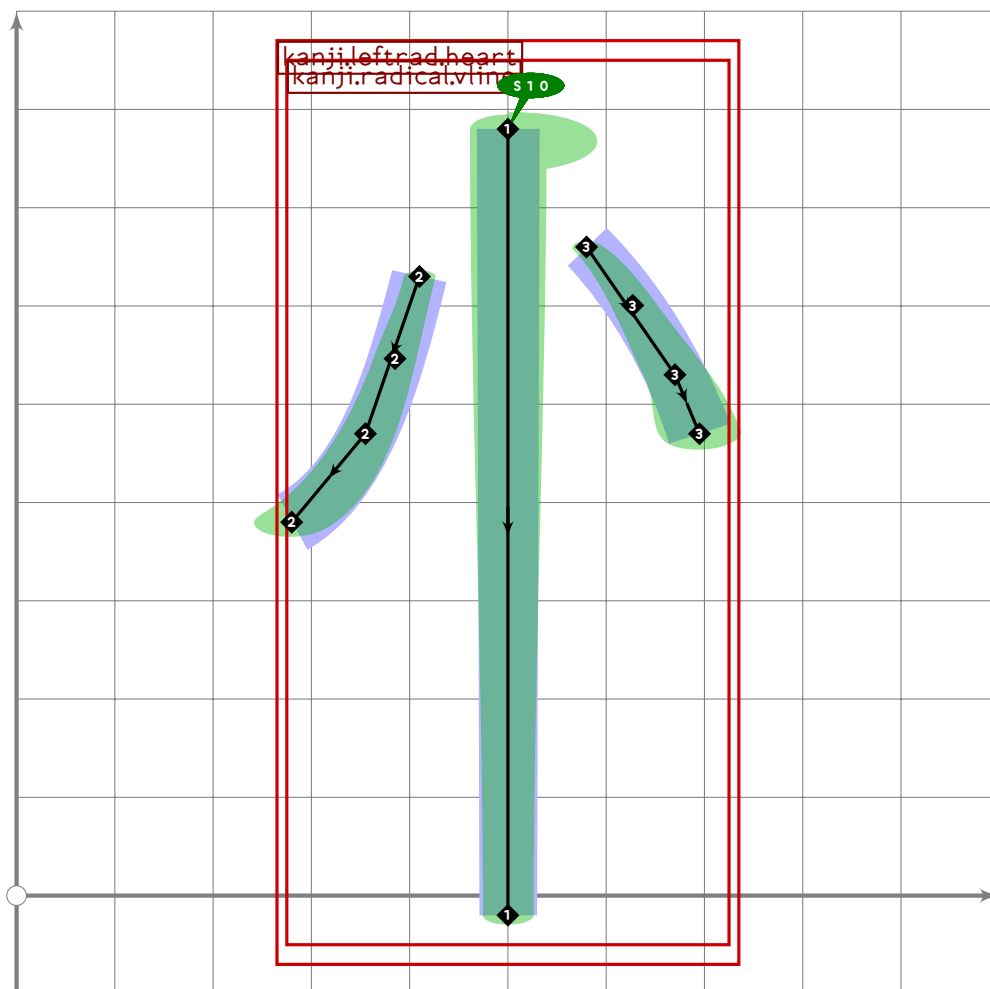
```

524 % extra: kou/samayo "wandering"
525 begintsuglyph("uni5FA8",168);
526   build_kanji.level(build_kanji.lr(310,0)
527     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
528     (kanji.grsix.emperor));
529   tsu_render;
530 endtsuglyph;
531
532 % shin/kokoro "heart"
533 begintsuglyph("uni5FC3",195);
534   kanji.grtwo.heart;
535   tsu_render;
536 endtsuglyph;
537

```

[see page 508]

U+5FC4  
tsuku.uni5FC4

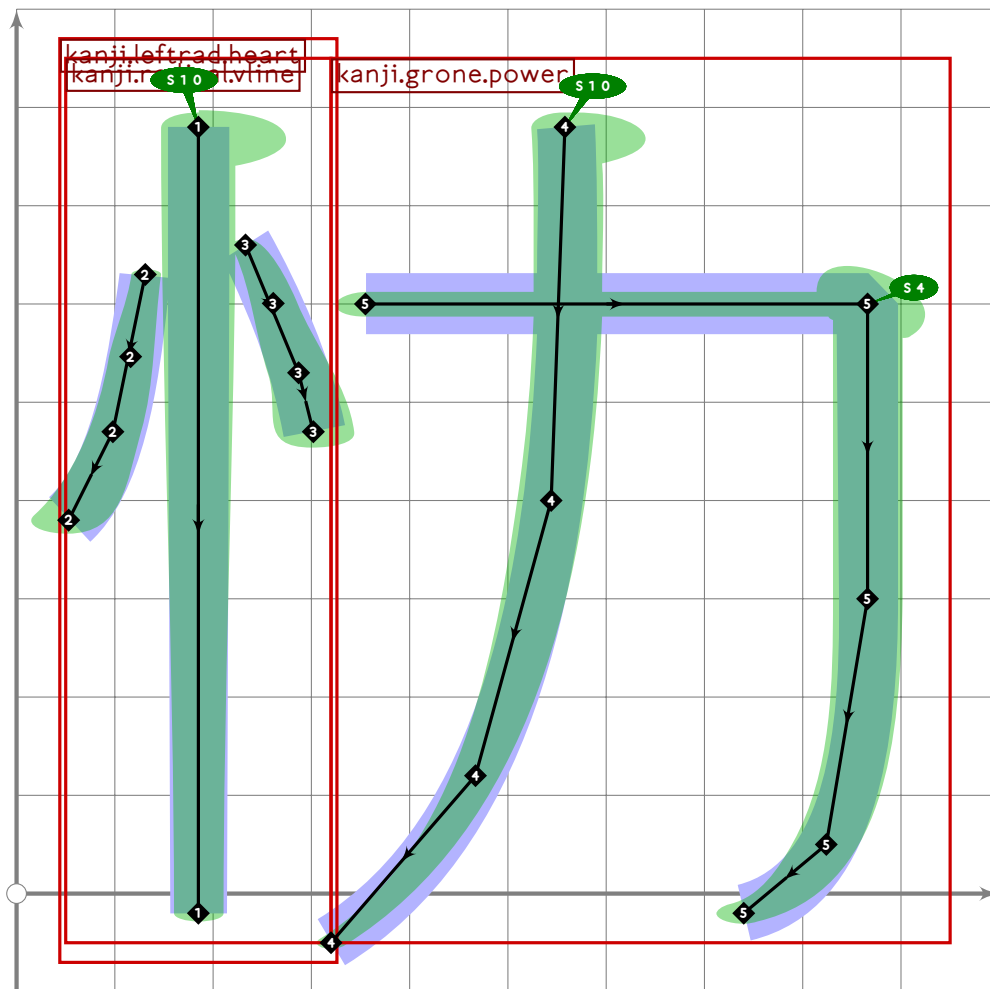


```

538 % left radical version
539 begintsuglyph("uni5FC4";196);
540   build_kanji.sscale(xscaled 0.5)(kanji.leftrad.heart);
541   tsu_render;
542 endtsuglyph;
543
544 % hitsu/nagara "inevitable"
545 begintsuglyph("uni5FC5";197);
546   kanji.grfour.inevitable;
547   tsu_render;
548 endtsuglyph;
549

```

[see page 622]

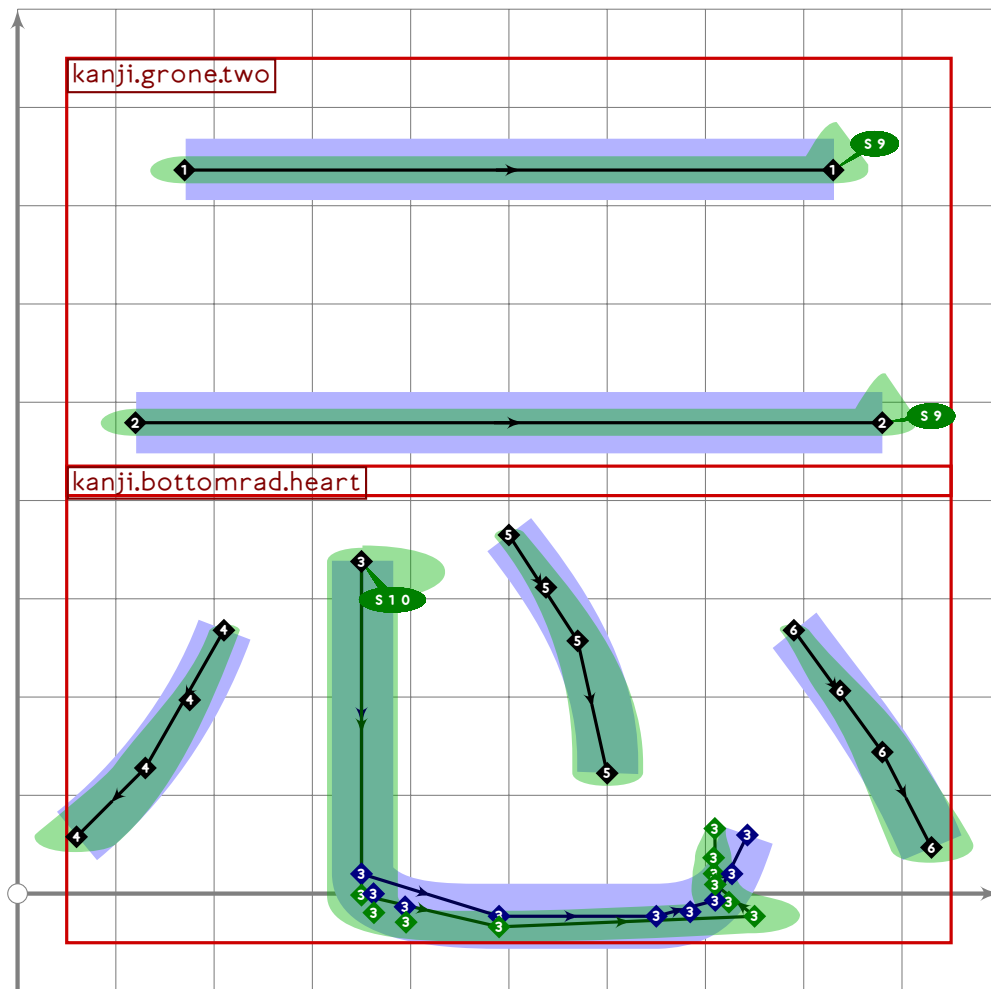


```

550 % extra "great achievement"
551 begintsuglyph("uni5FC7";199);
552   build_kanji.level(build_kanji.lr(320,0)
553     (kanji.leftrad.heart)
554     (kanji.grone.power));
555   tsu_render;
556 endtsuglyph;
557

```

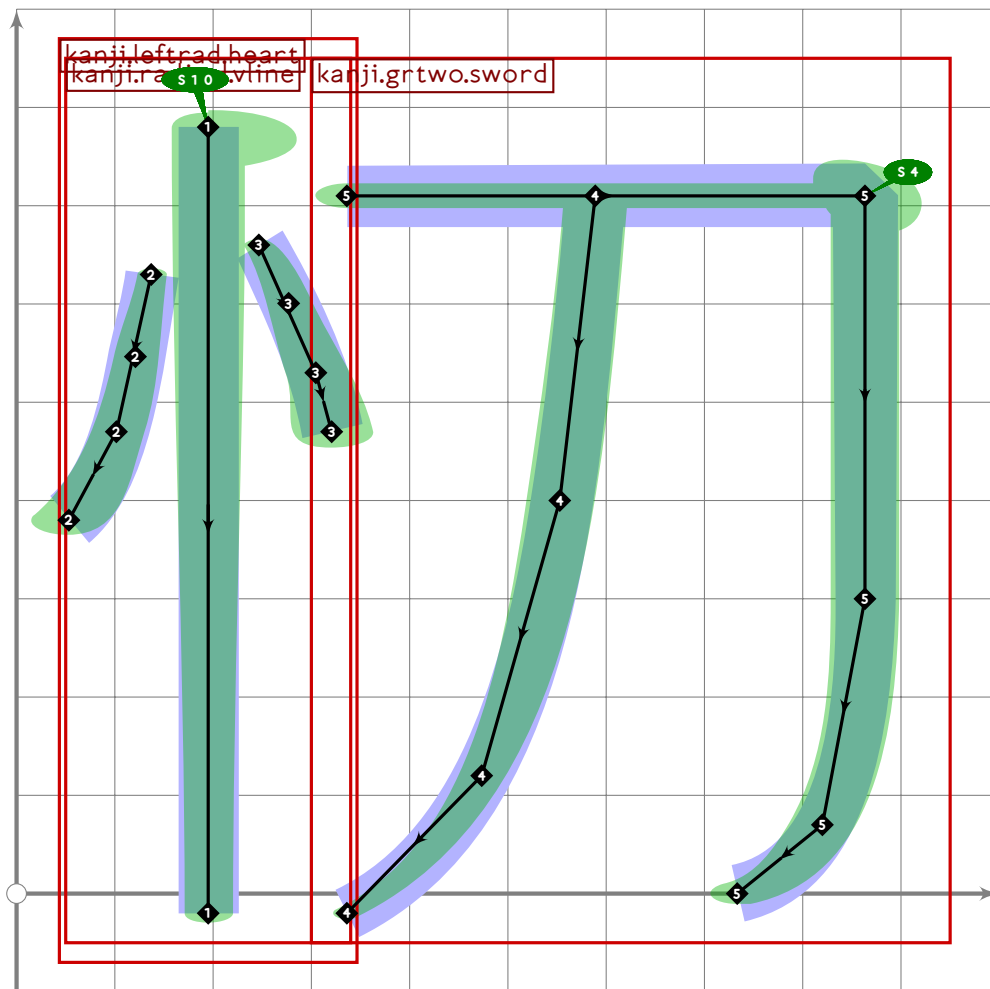
U+5FC8  
tsuku.uni5FC8



```

558 % extra
559 begintsuglyph("uni5FC8";200);
560   build_kanji.level(build_kanji.tb(420,30)
561     (kanji.grone.two)
562     (kanji.bottomrad.heart));
563   tsu_render;
564 endtsuglyph;
565

```

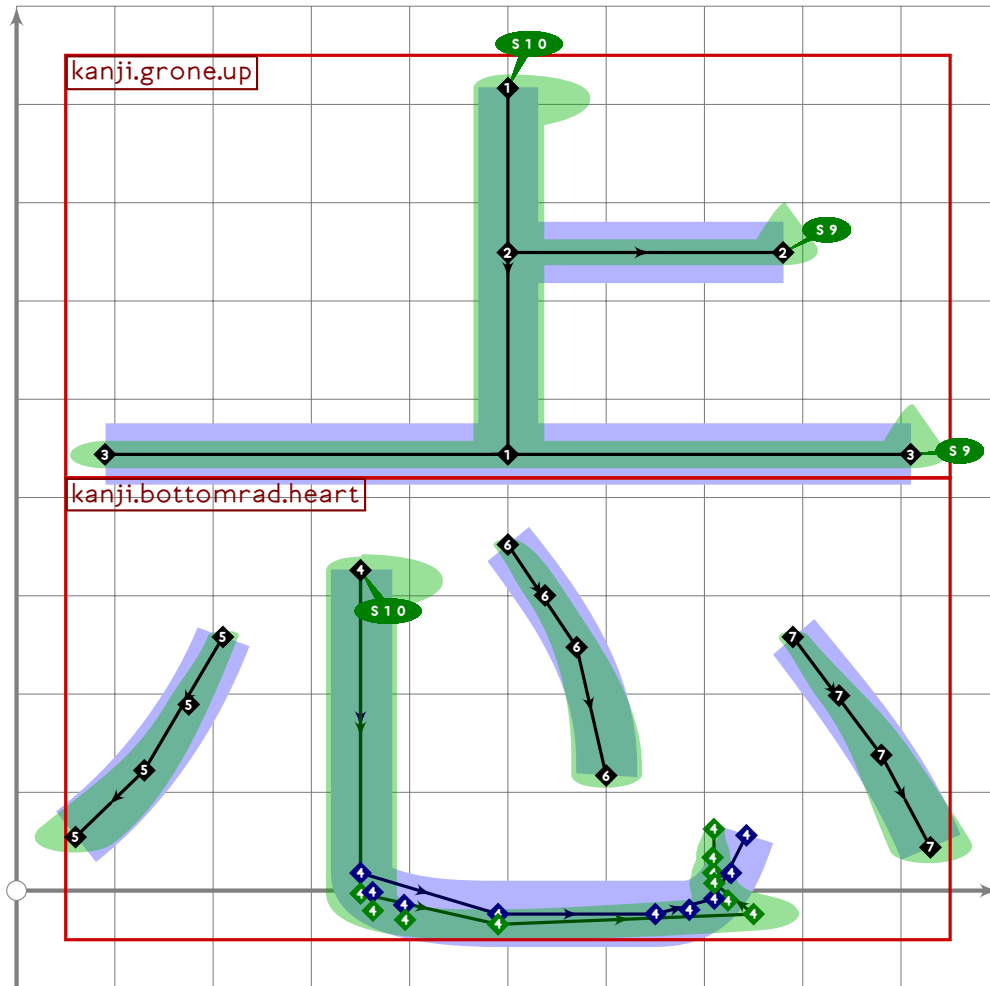


```

566 % extra
567 begintsuglyph("uni5FC9";201);
568   build_kanji.level(build_kanji.lr(320,40)
569     (kanji.leftrad.heart)
570     (kanji.grtwo.sword));
571   tsu_render;
572 endtsuglyph;
573

```

U+5FD0  
tsuku.uni5FD0

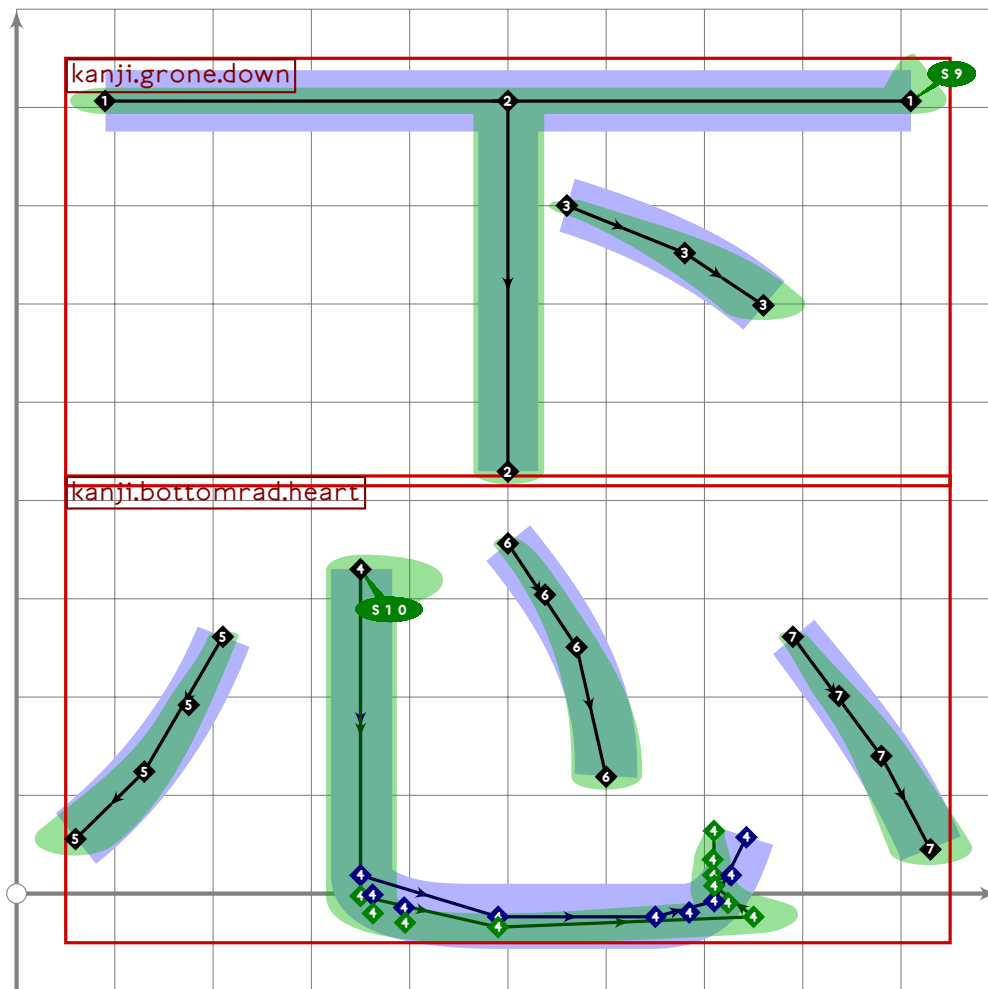


```

574 % extra
575 begintuglyph("uni5FD0";208);
576   build_kanji.level(build_kanji.tb(420,0)
577     (kanji.grone.up)
578     (kanji.bottomrad.heart));
579   tsu_render;
580 endtsuglyph;
581

```



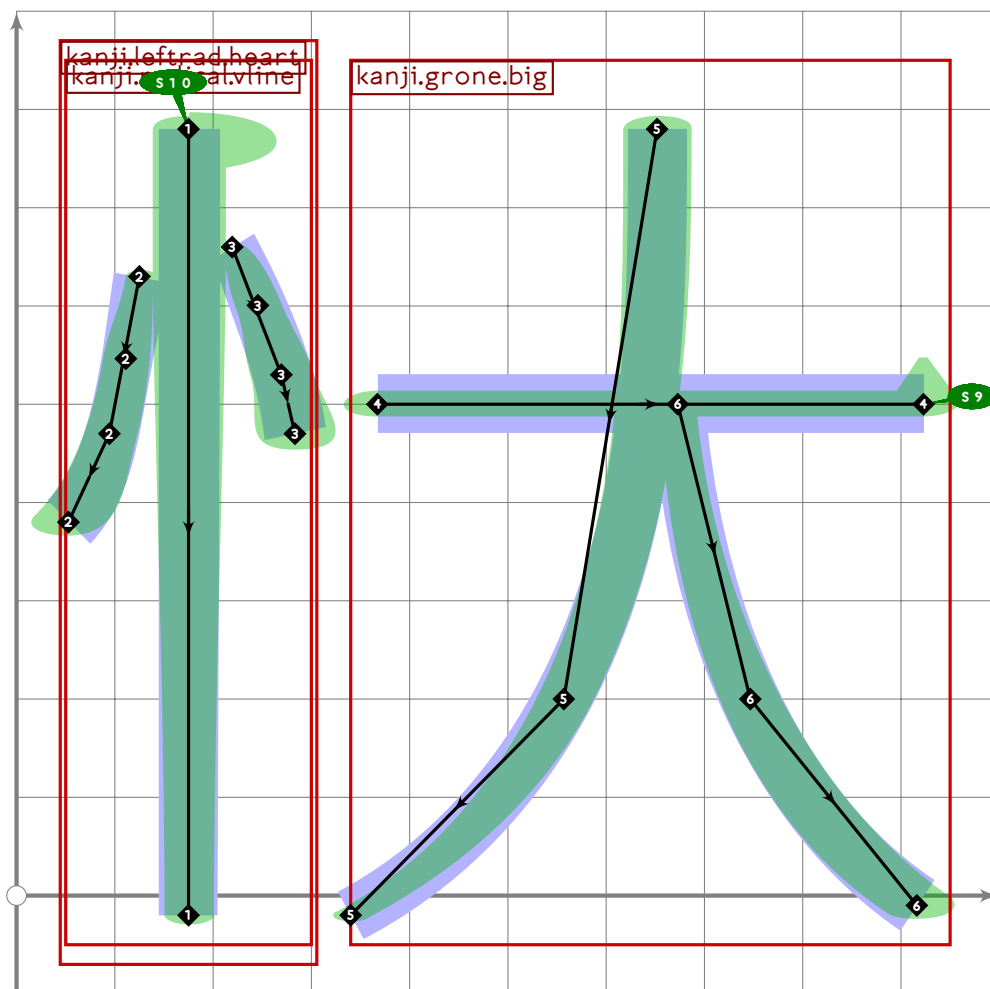


```

582 % extra
583 begintsuglyph("uni5FD1",209);
584   build_kanji.level(build_kanji.tb(420,10)
585     (kanji.grone.down)
586     (kanji.bottomrad.heart));
587   tsu_render;
588 endtsuglyph;
589

```

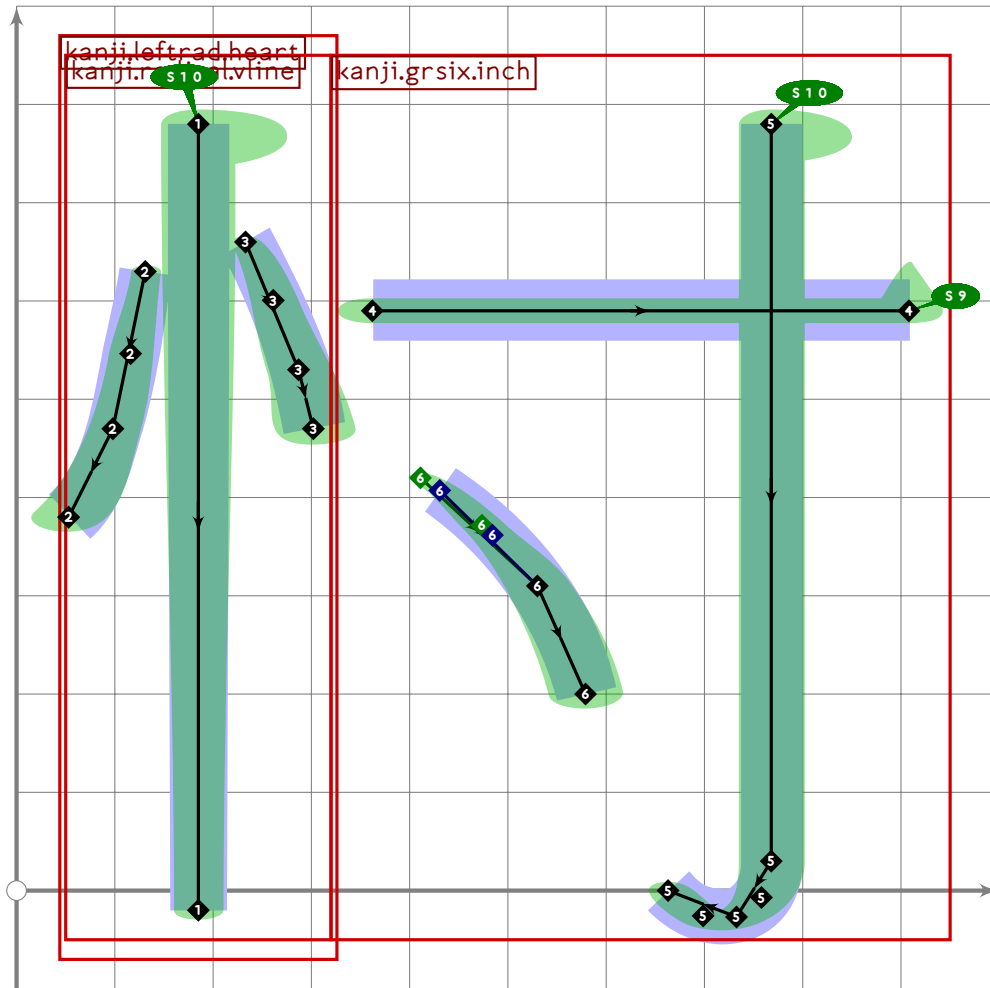
U+5FD5  
tsuku.uni5FD5



```

590 % extra
591 begintsuglyph("uni5FD5";213);
592   build_kanji.level(build_kanji.lr(320;-40)
593     (kanji.leftrad.heart)
594     (kanji.grone.big));
595   tsu_render;
596 endtsuglyph;
597

```



```

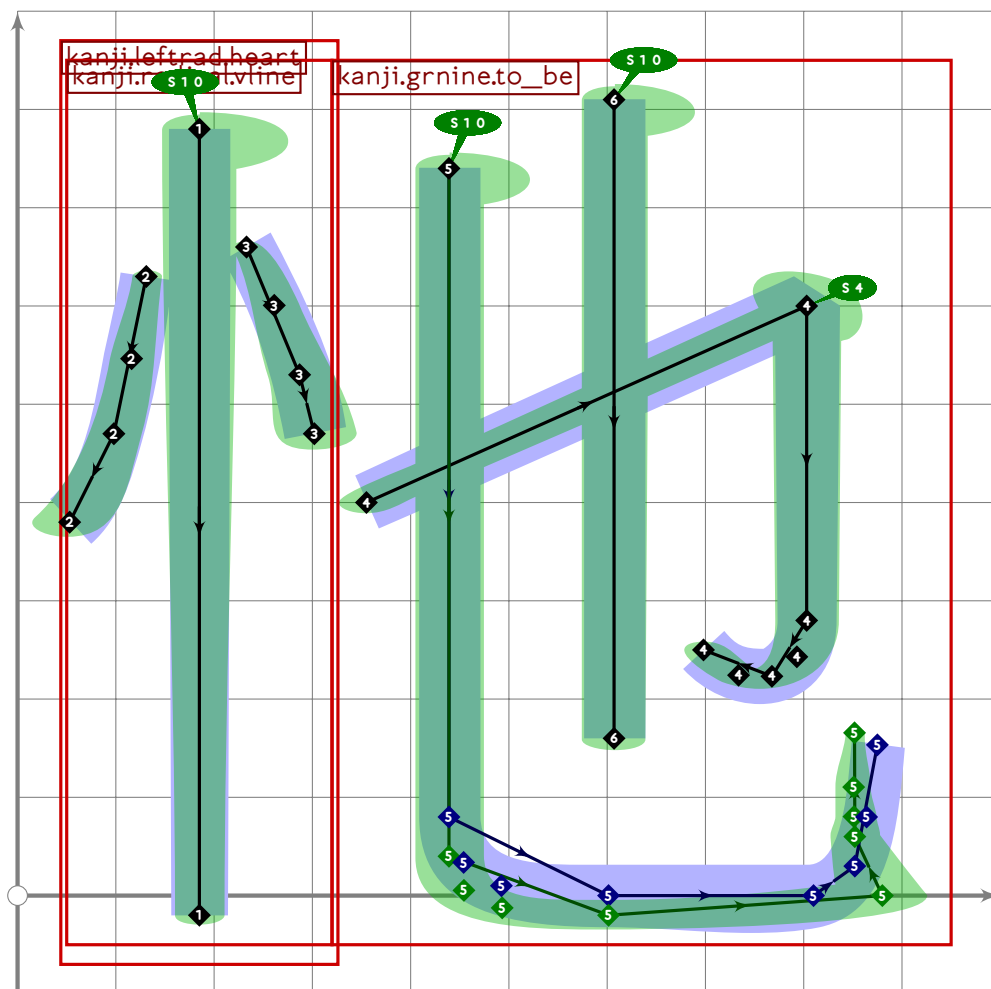
598 % extra
599 begintsuglyph("uni5FD6";214);
600   build_kanji.level(build_kanji.lr(320,0)
601     (kanji.leftrad.heart)
602     (kanji.grsix.inch));
603   tsu_render;
604 endtsuglyph;
605
606 % shi/kokoroza "intention"
607 begintsuglyph("uni5FD7";215);
608   kanji.grfive.intention;
609   tsu_render;
610 endtsuglyph;
611
612 % bou/wasu "forget"
613 begintsuglyph("uni5FD8";216);
614   kanji.grsix.forget;
615   tsu_render;
616 endtsuglyph;
617

```

[see page 639]

[see page 2127]

U+5FDA  
tsuku.uni5FDA

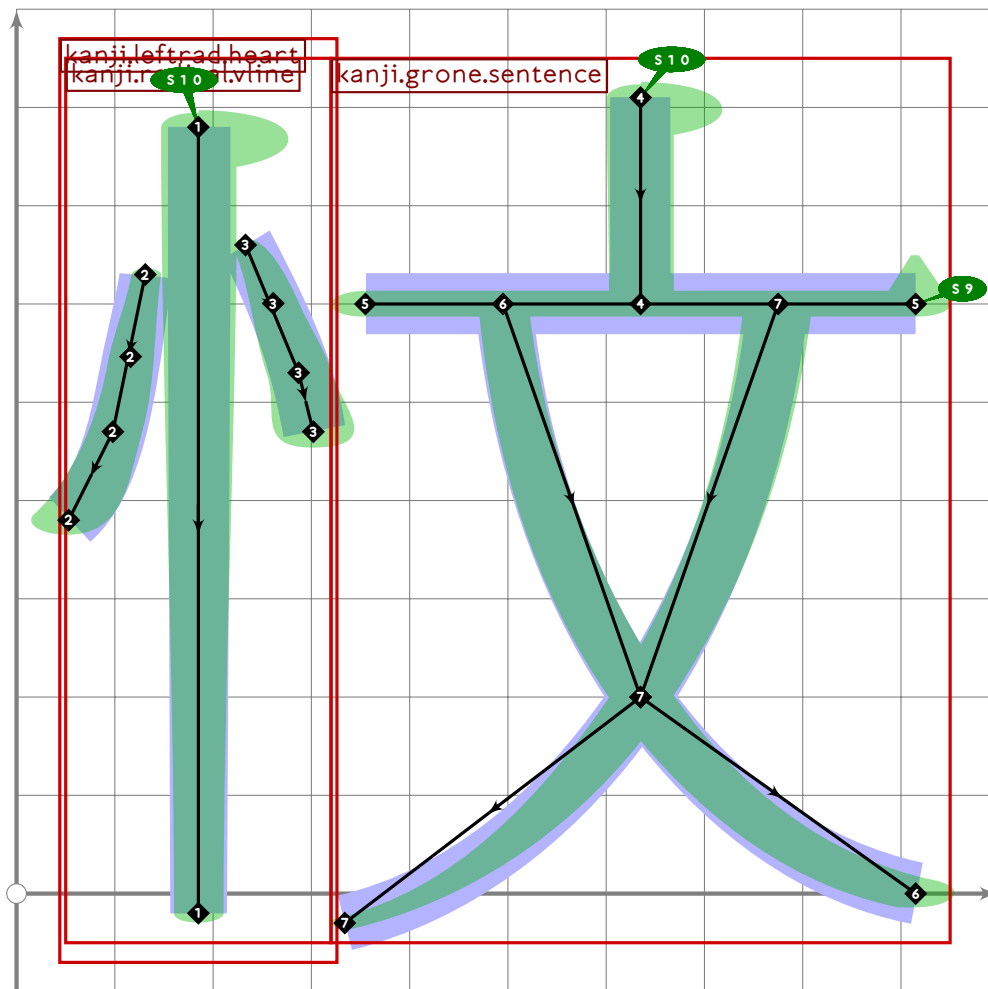


```

618 % extra
619 begintsuglyph("uni5FDA";218);
620   build_kanji.level(build_kanji.lr(320,0)
621     (kanji.leftrad.heart)
622     (kanji.grnine.to_be));
623   tsu_render;
624 endtsuglyph;
625
626 % ou/ata "affirm"
627 begintsuglyph("uni5FDC";220);
628   kanji.grfive.affirm;
629   tsu_render;
630 endtsuglyph;
631

```

[see page 2124]



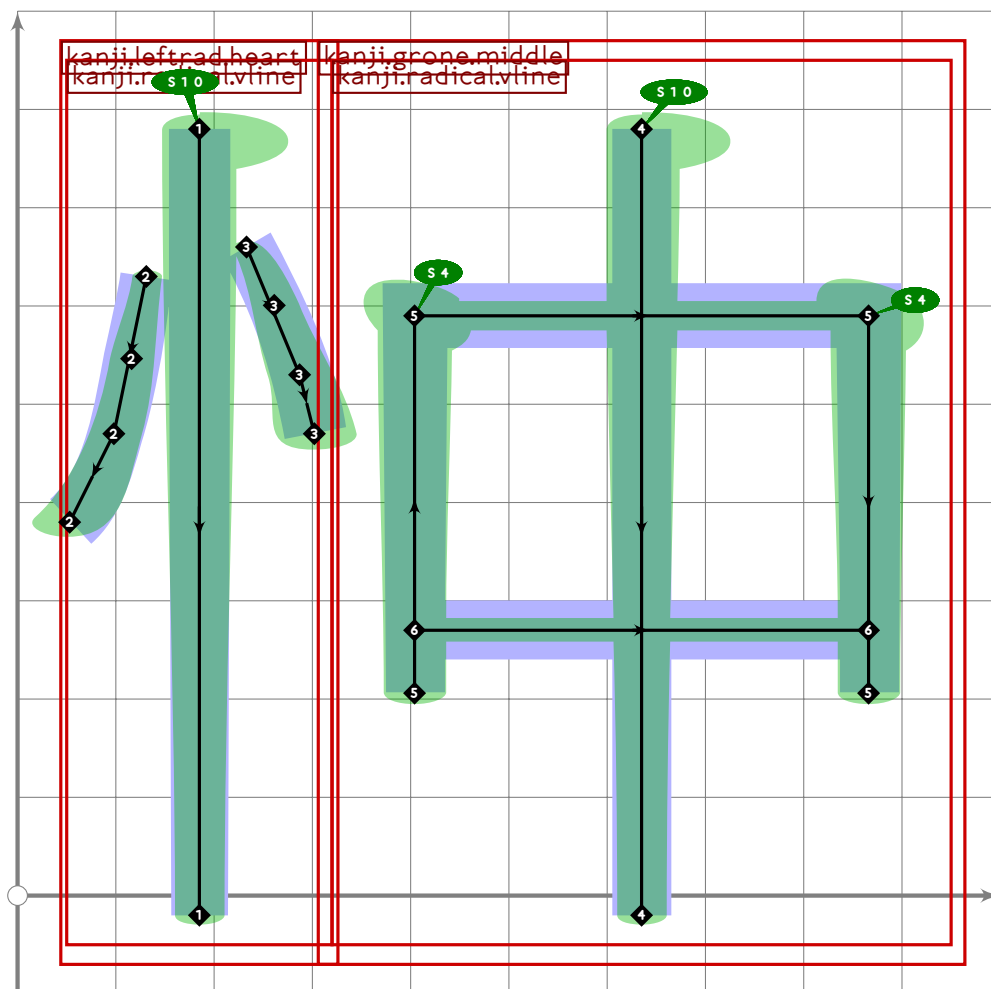
```

632 % extra
633 begintsuglyph("uni5FDF";223);
634   build_kanji.level(build_kanji.lr(320,0)
635     (kanji.leftrad.heart)
636     (kanji.grone.sentence));
637   tsu_render;
638 endtsuglyph;
639
640 % chuu/kiyoshi "loyalty"
641 begintsuglyph("uni5FE0";224);
642   kanji.grsix.loyalty;
643   tsu_render;
644 endtsuglyph;
645

```

[see page 2128]

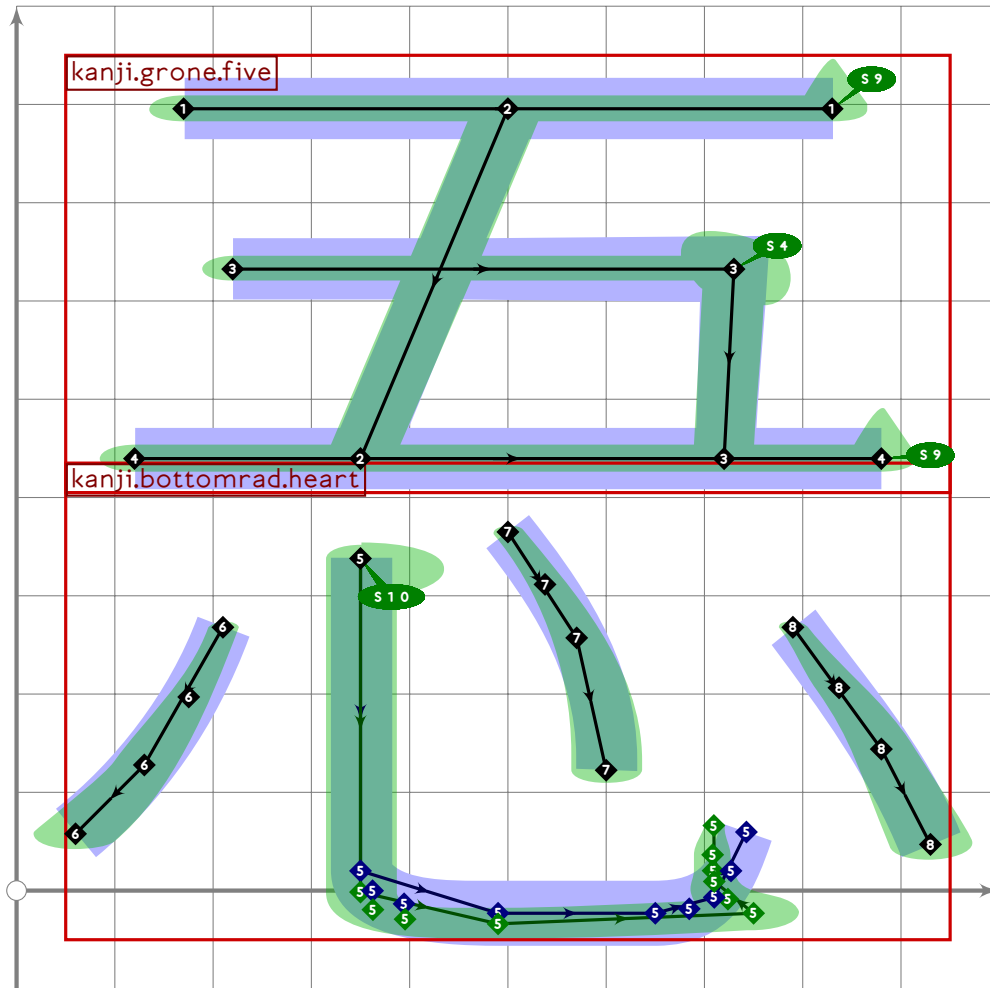
U+5FE1  
tsuku.uni5FE1



```

646 % extra
647 begintsuglyph("uni5FE1";225);
648   build_kanji.level(build_kanji.lr(320,0)
649     (kanji.leftrad.heart)
650     (kanji.grone.middle));
651   tsu_render;
652 endtsuglyph;
653

```

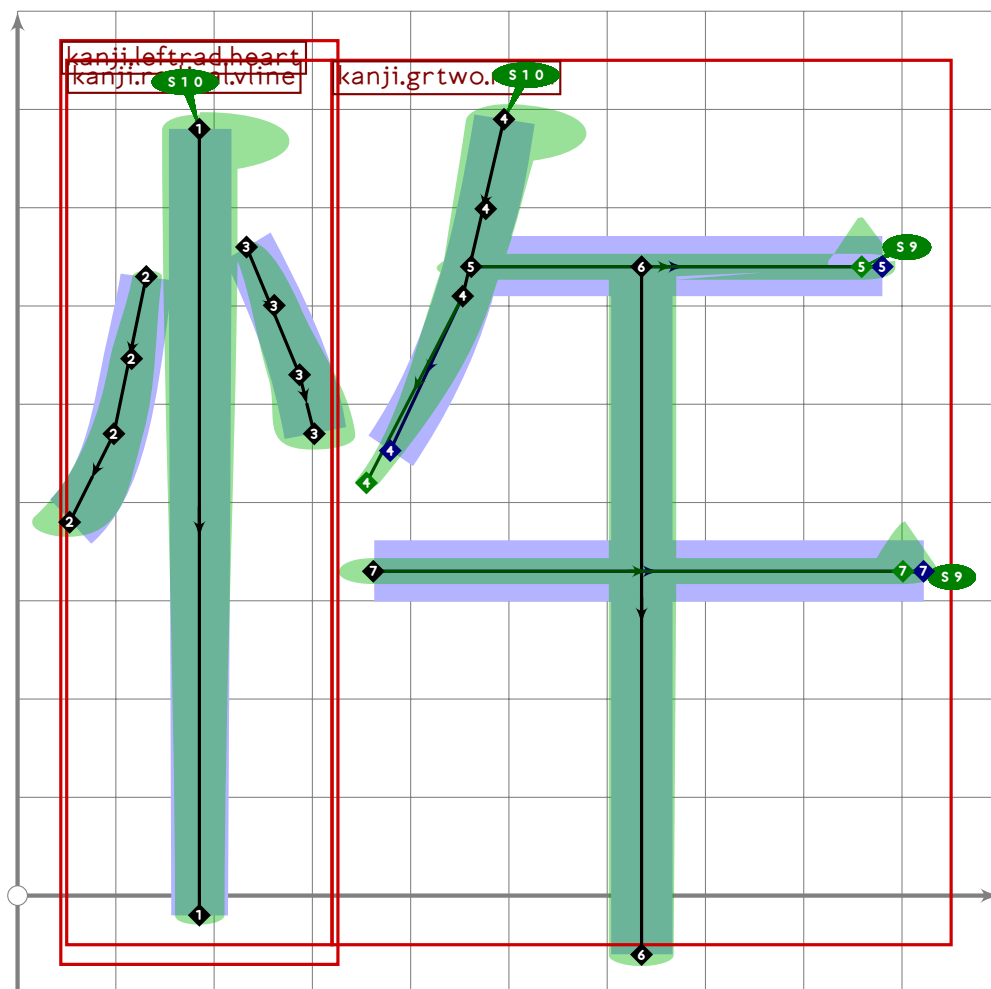


```

654 % extra
655 begintsuglyph("uni5FE2";226);
656   build_kanji.level(build_kanji.tb(420,30)
657     (kanji.grone.five)
658     (kanji.bottomrad.heart));
659   tsu_render;
660 endtsuglyph;
661

```

U+5FE4  
tsuku.uni5FE4

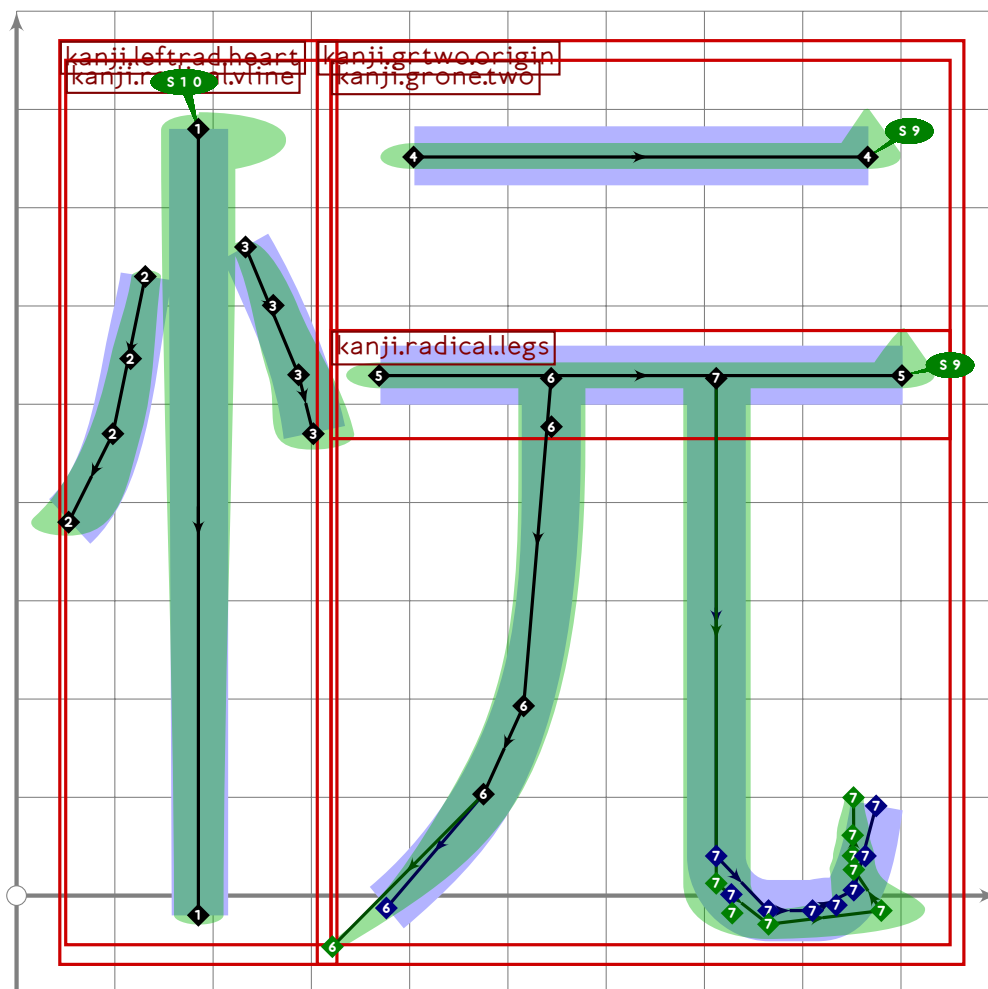


```

662 % extra
663 begintsuglyph("uni5FE4",228);
664   build_kanji.level(build_kanji.lr(320,0)
665     (kanji.leftrad.heart)
666     (kanji.grtwo.noon));
667   tsu_render;
668 endtsuglyph;
669

```





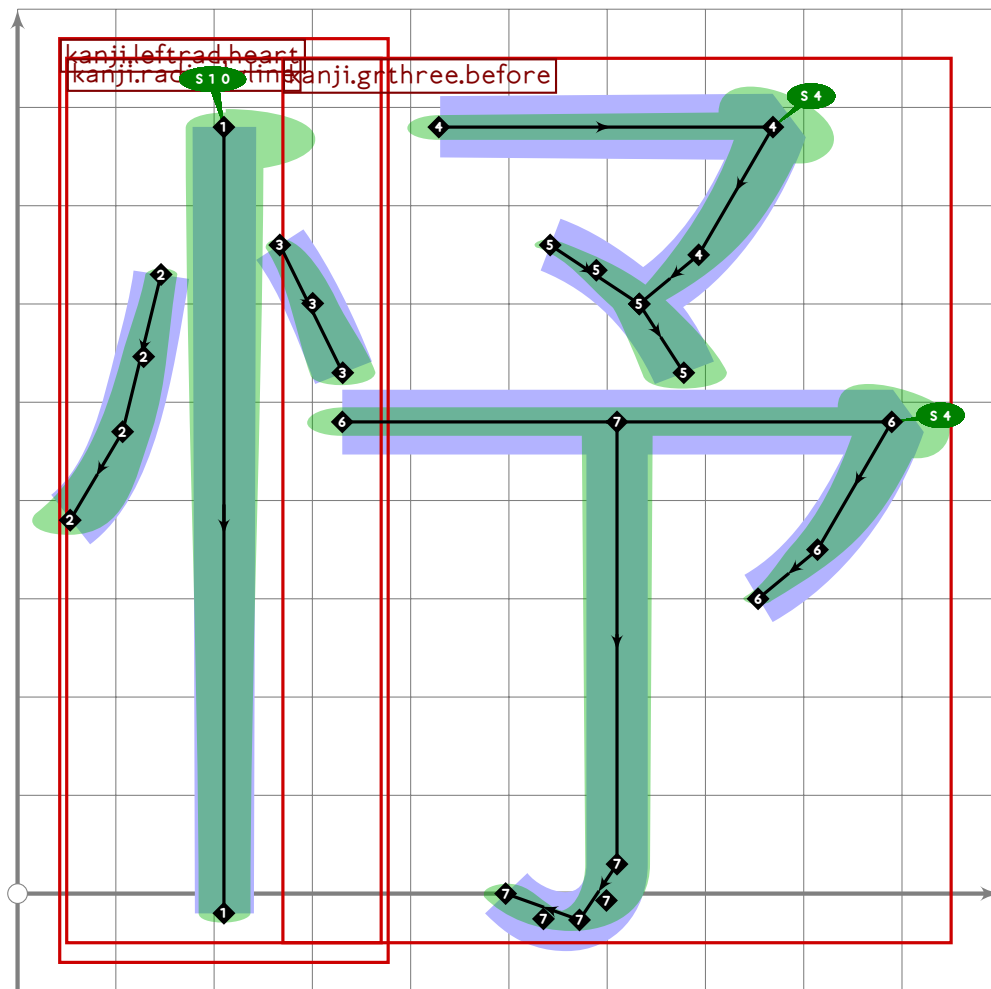
```

670 % extra
671 begintsuglyph("uni5FE8";232);
672   build_kanji.level(build_kanji.lr(320,0)
673     (kanji.leftrad.heart)
674     (kanji.grtwo.origin));
675   tsu_render;
676 endsuglyph;
677
678 % kai/kokoroyo "pleasure"
679 begintsuglyph("uni5FEB";235);
680   kanji.grfive.pleasure;
681   tsu_render;
682 endsuglyph;
683

```

[see page 2126]

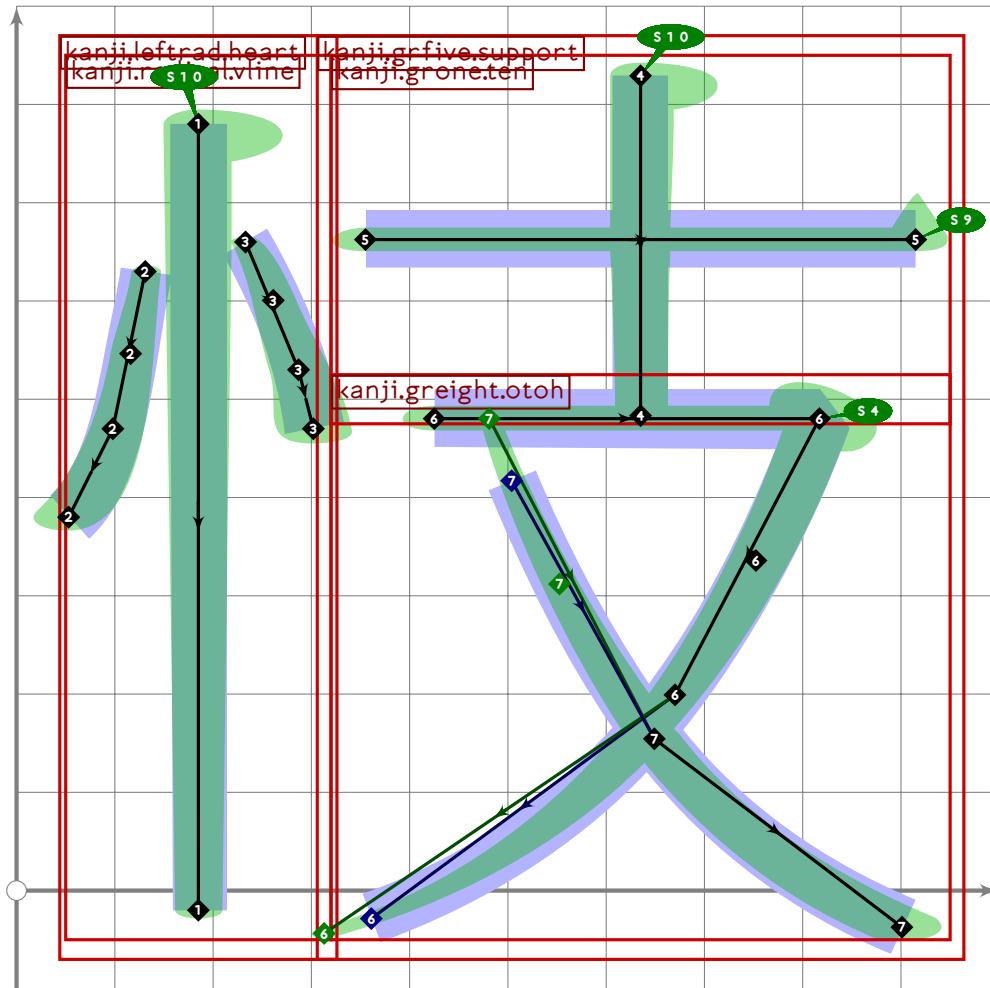
U+5FEC  
tsuku.uni5FEC



```

684 % extra
685 begintsuglyph("uni5FEC";236);
686   build_kanji.level(build_kanji.lr(320,100)
687     (kanji.leftrad.heart;
688       replace_strokep(0)(subpath (0,1) of oldp);
689       replace_strokeq(0)(subpath (0,1) of oldq))
690     (kanji.grthree.before));
691   tsu_render;
692 endtsuglyph;
693

```

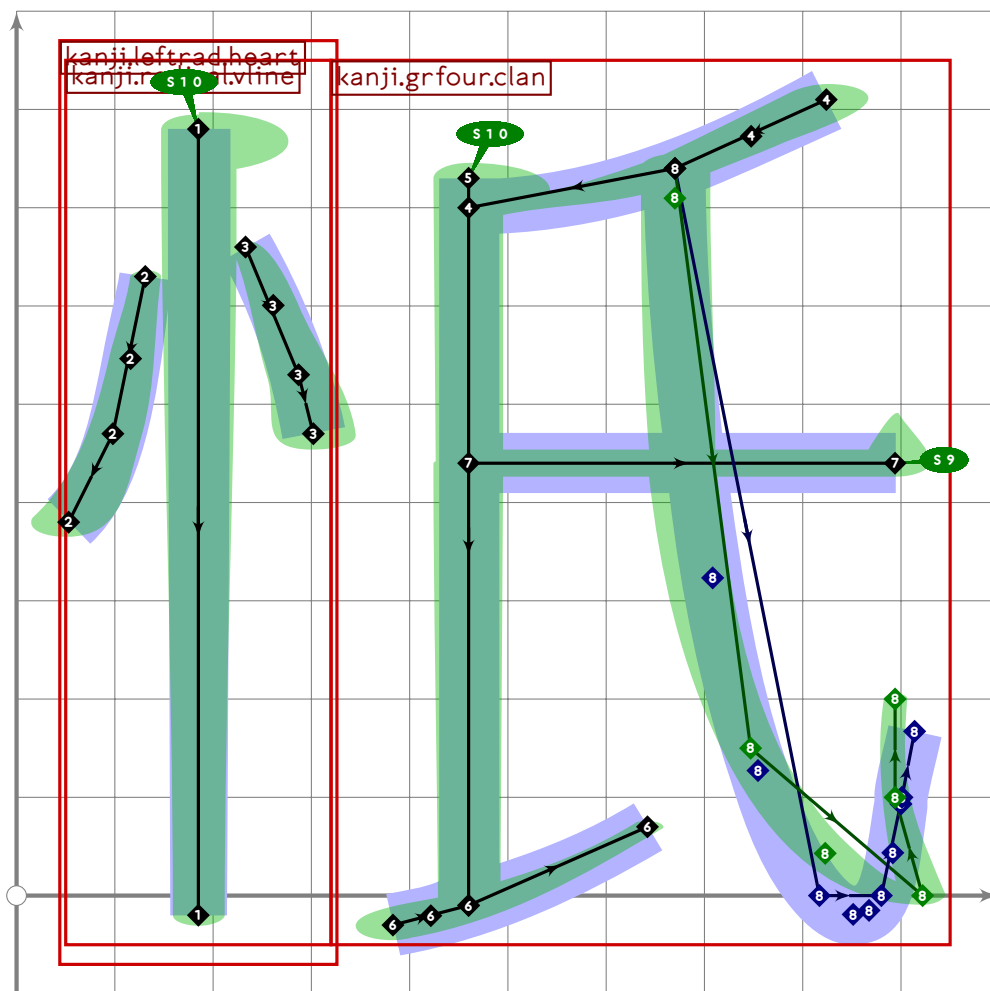


```

694 % extra
695 begintsuglyph("uni5FEE";238);
696   build_kanji.level(build_kanji.lr(320,0)
697     (kanji.leftrad.heart)
698     (kanji.grfive.support));
699   tsu_render;
700 endtsuglyph;
701

```

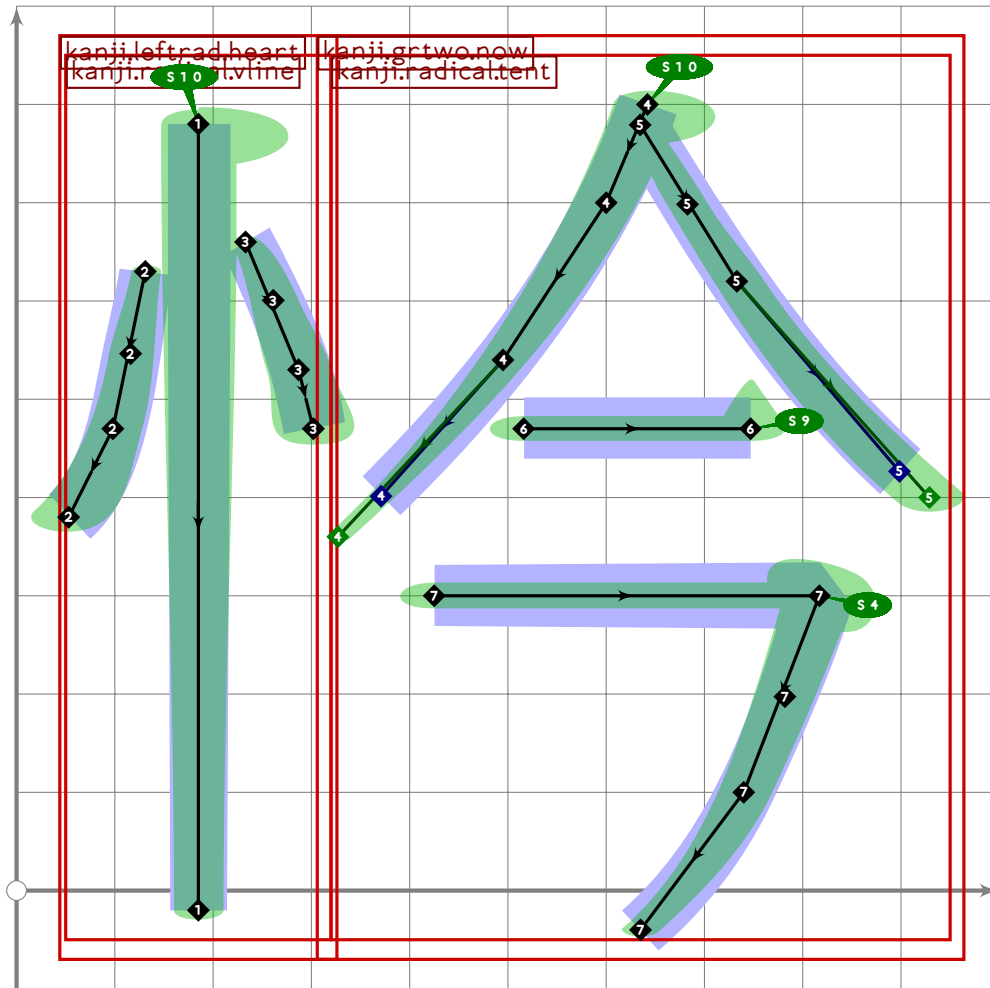
U+5FEF  
tsuku.uni5FEF



```

702 % extra
703 begintsuglyph("uni5FEF";239);
704   build_kanji.level(build_kanji.lr(320,0)
705     (kanji.leftrad.heart)
706     (kanji.grfour.clan));
707   tsu_render;
708 endtsuglyph;
709

```



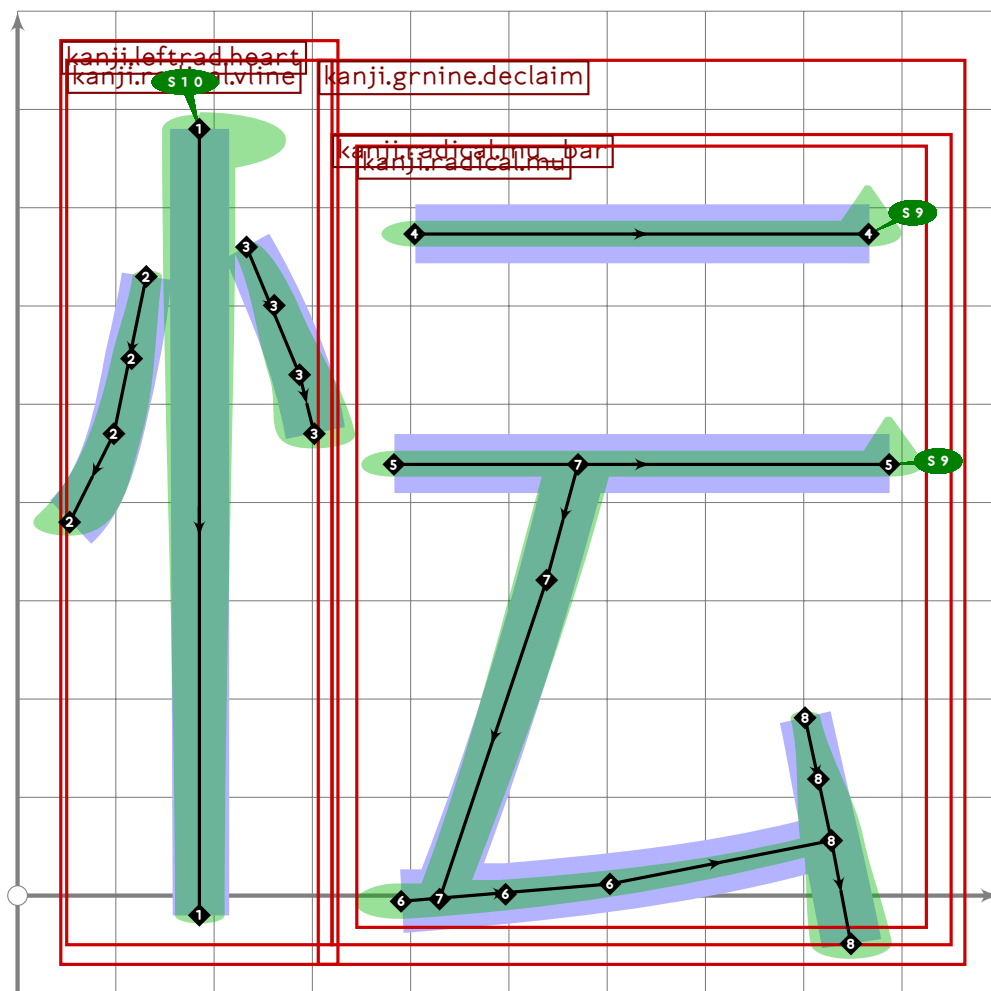
```

710 % extra
711 begintsuglyph("uni5FF4";244);
712   build_kanji.level(build_kanji.lr(320,0)
713     (kanji.leftrad.heart)
714     (kanji.grtwo.now));
715   tsu_render;
716 endtsuglyph;
717
718 % nen "care"
719 begintsuglyph("uni5FF5";245);
720   kanji.grfour.care;
721   tsu_render;
722 endtsuglyph;
723

```

[see page 2120]

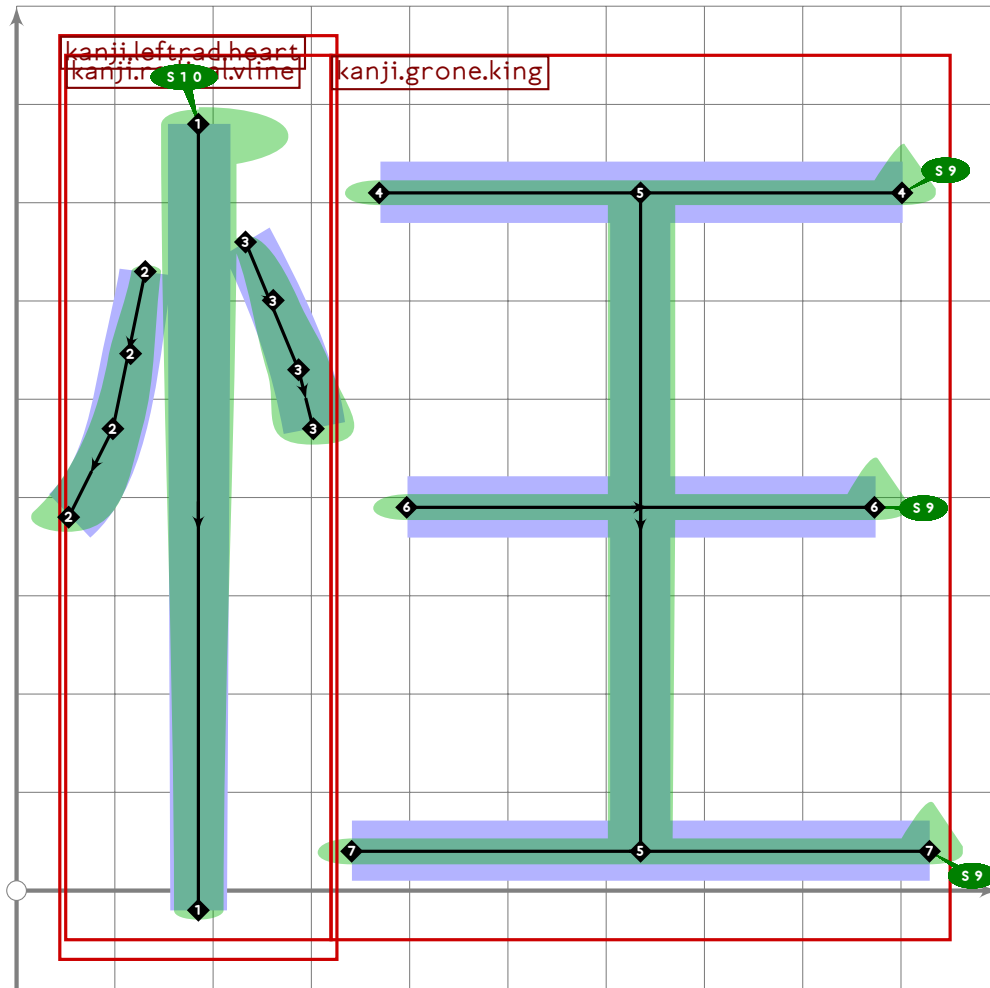
U+5FF6  
tsuku.uni5FF6



```

724 % extra
725 begintsuglyph("uni5FF6";246);
726   build_kanji.level(build_kanji.lr(320,0)
727     (kanji.leftrad.heart)
728     (kanji.grnine.declaim));
729   tsu_render;
730 endtsuglyph;
731

```

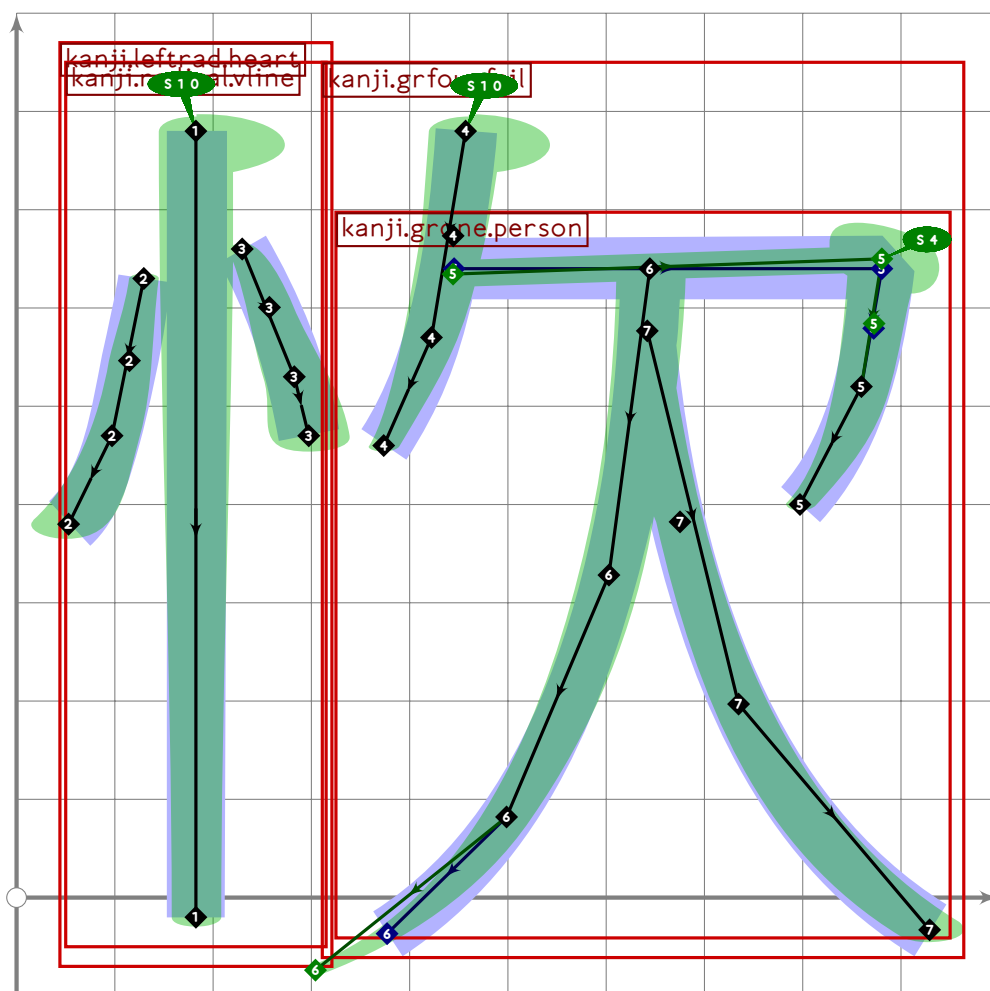


```

732 % extra
733 begintsuglyph("uni5FF9",249);
734   build_kanji.level(build_kanji.lr(320,0)
735     (kanji.leftrad.heart)
736     (kanji.grone.king));
737   tsu_render;
738 endtsuglyph;
739

```

U+5FFA  
tsuku.uni5FFA

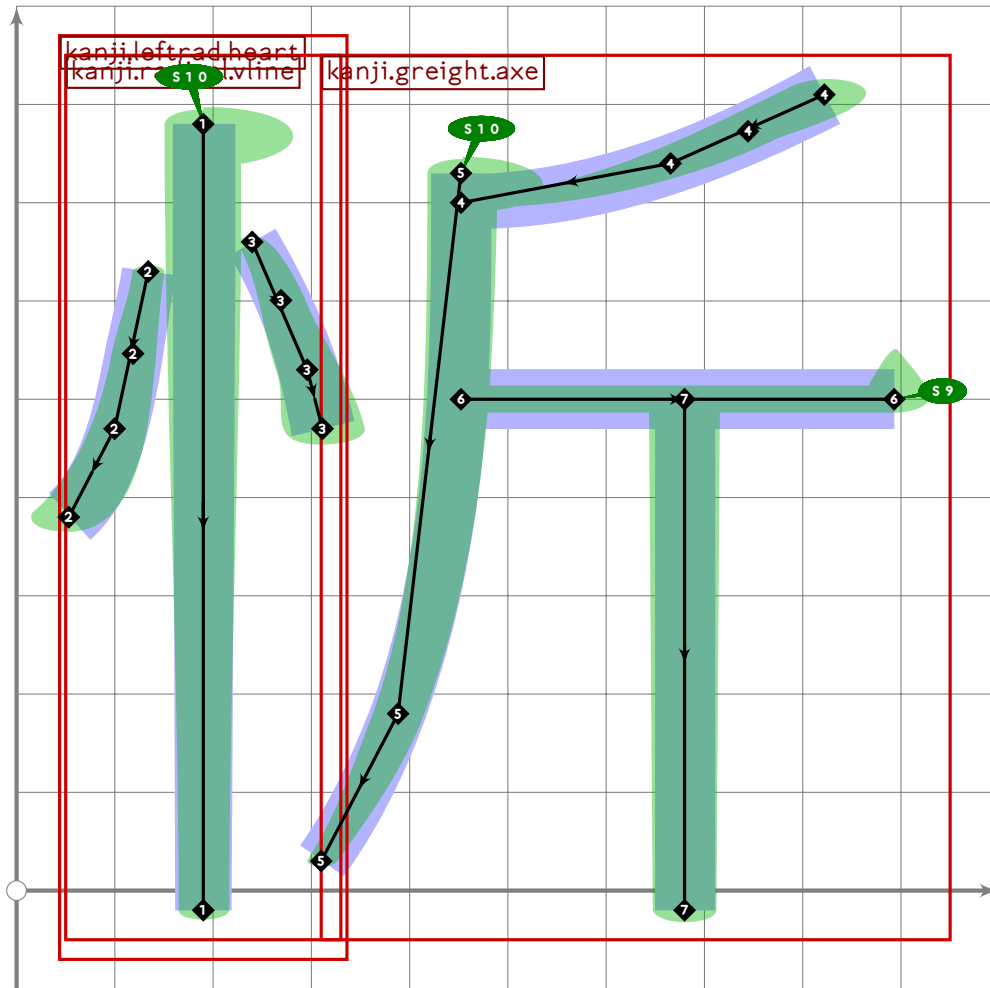


```

740 % extra
741 begintsuglyph("uni5FFA";250);
742   build_kanji.level(build_kanji.lr(320;10)
743     (kanji.leftrad.heart)
744     (kanji.grfour.fail));
745   tsu_render;
746 endtsuglyph;
747

```





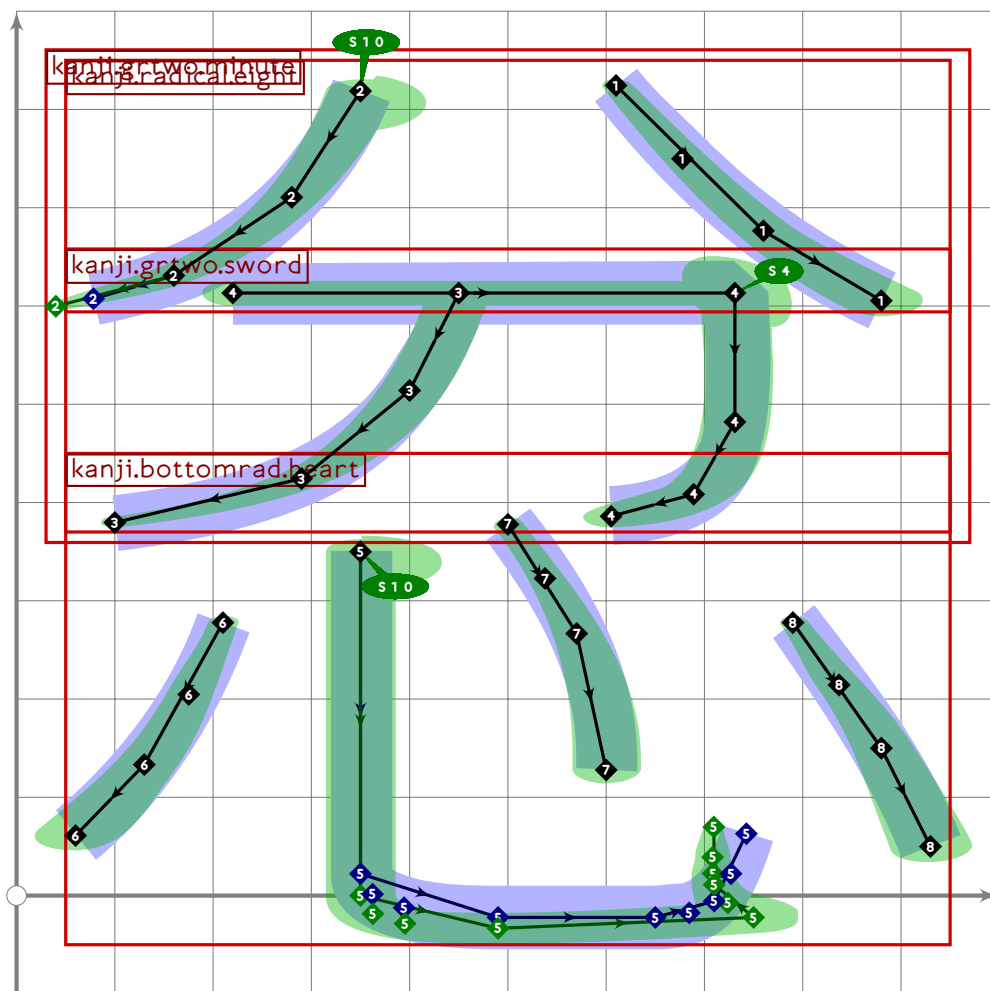
```

748 % extra
749 begintsuglyph("uni5FFB";251);
750   build_kanji.level(build_kanji.lr(320,20)
751     (kanji.leftrad.heart)
752     (kanji.greight.axe));
753   tsu_render;
754 endtsuglyph;
755
756 % kotsu/tachima "suddenly"
757 begintsuglyph("uni5FFD";253);
758   kanji.grnine.suddenly;
759   tsu_render;
760 endtsuglyph;
761

```

[see page 2135]

U+5FFF  
tsuku.uni5FFF



```

762 % extra "be angry"
763 begintsuglyph("uni5FFF";255);
764   build_kanji.level(build_kanji.tb(410,80)
765     (kanji.grtwo.minute)
766     (kanji.bottomrad.heart));
767   tsu_render;
768 endtsuglyph;
769
770
771
772 endfont;
773
774

```

# tsuku-60.mp

```
1 %
2 % Unicode page 60 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

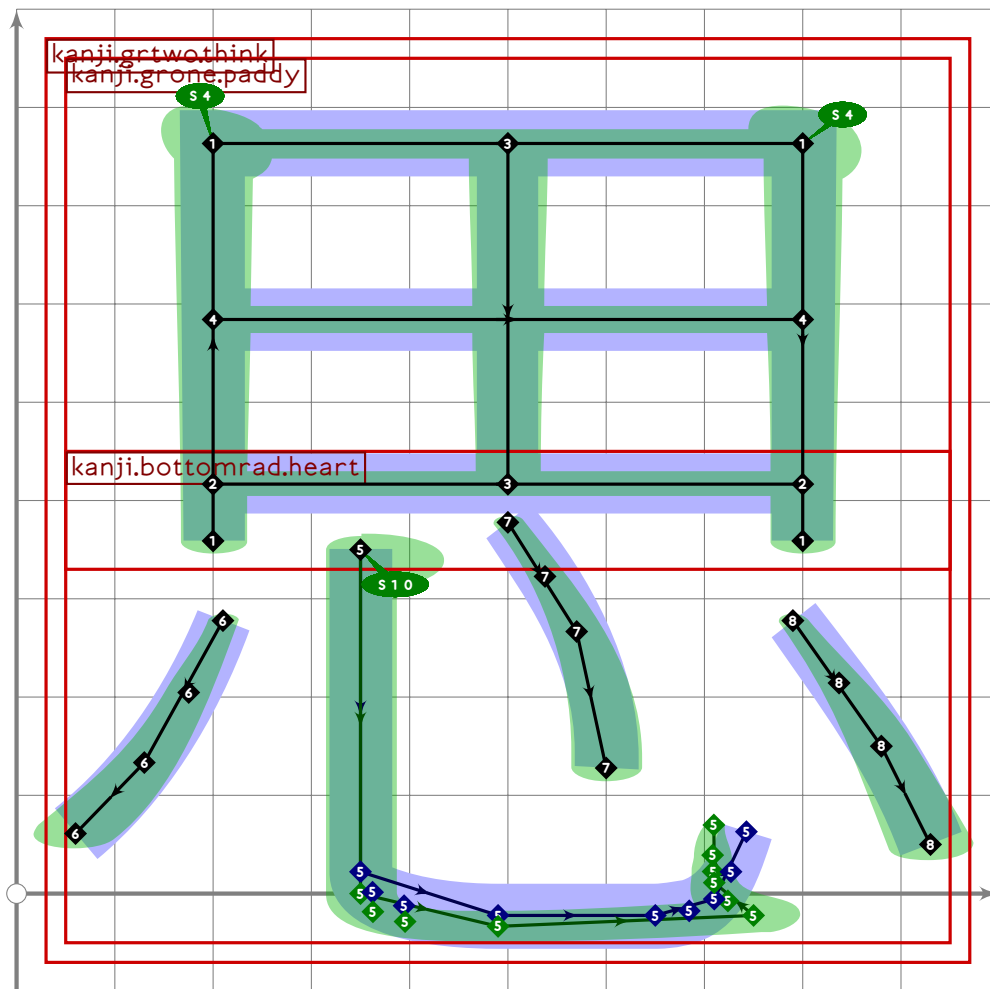
---


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

---


```

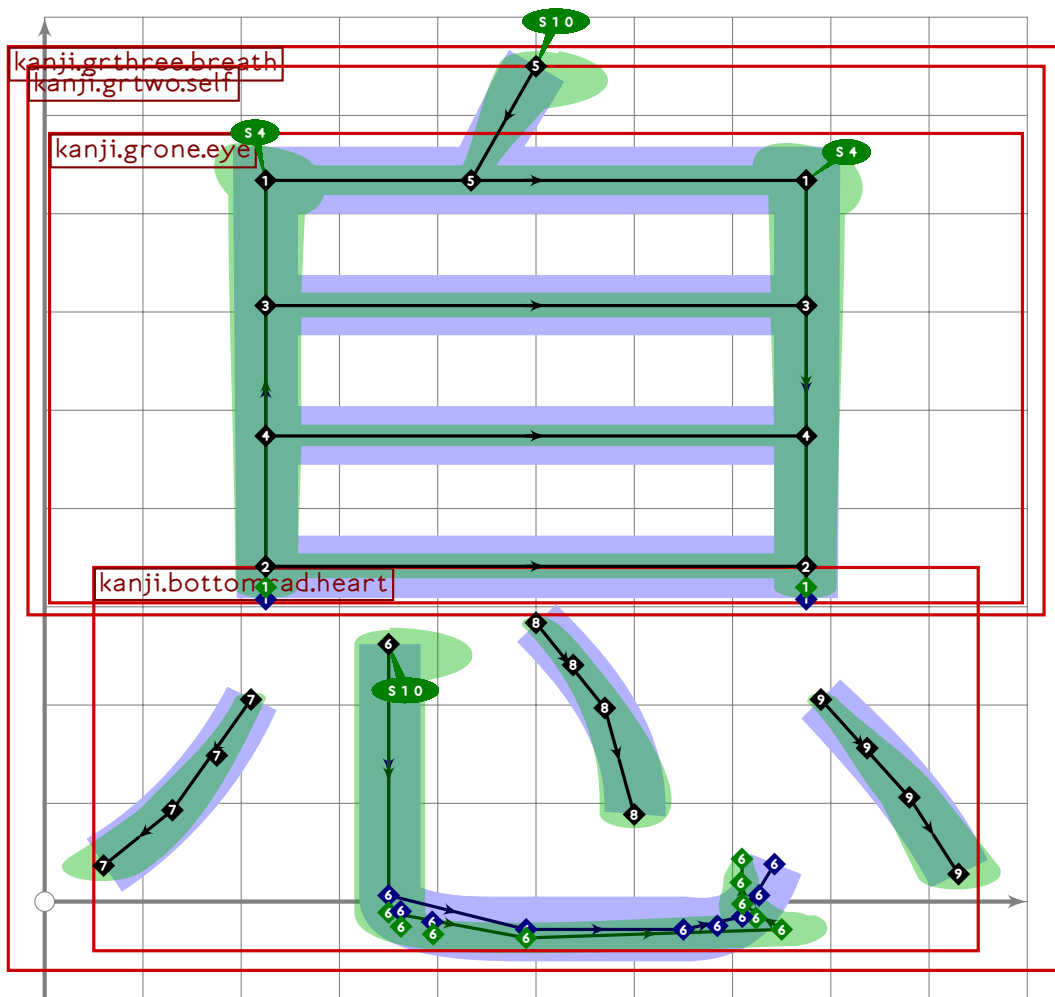
U+601D  
tsuku.uni601D



```

54
55 vardef kanji.grtwo.think =
56   push_pbox_toexpand("kanji.grtwo.think");
57   build_kanji.level(build_kanji.tb(390,120)
58     (kanji.grone.paddy)
59     (kanji.bottomrad.heart));
60   expand_pbox;
61 enddef;
62
63

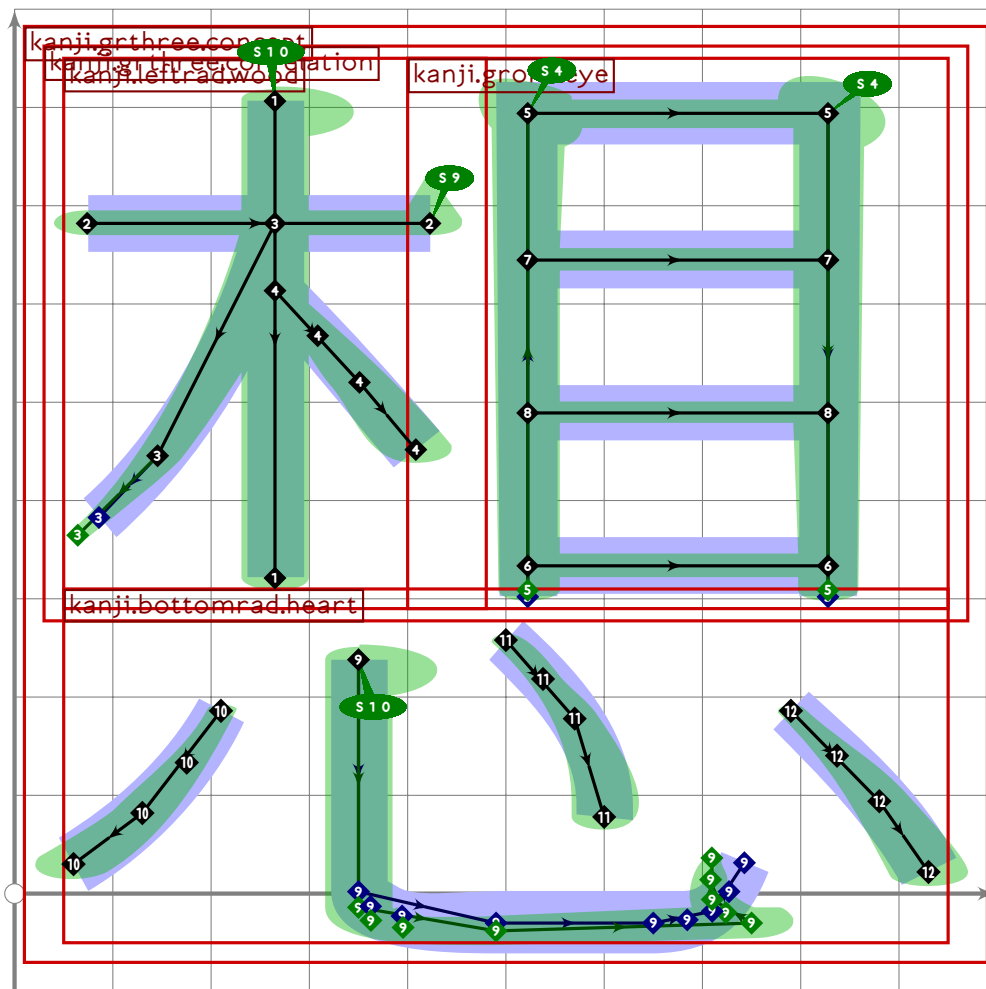
```



```

64
65 vardef kanji.grthree.breath =
66   push_pbox_toexpand("kanji.grthree.breath");
67   build_kanji.level(build_kanji.tb(320,40)
68     (build_kanji.sscale(xscaled 1.1)(kanji.grtwo.self))
69     (kanji.bottomrad.heart));
70   expand_pbox;
71 enddef;

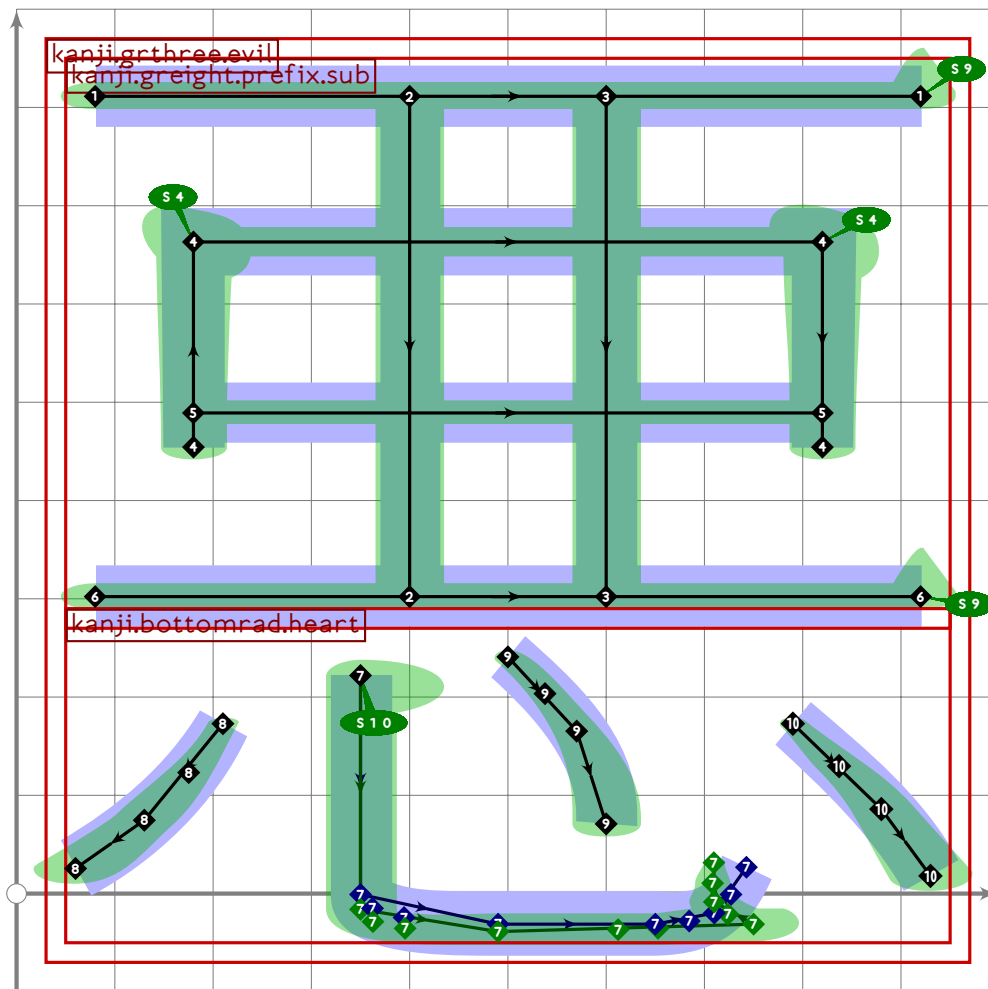
```



```

72
73 vardef kanji.grthree.concept =
74   push_pbox_toexpand("kanji.grthree.concept");
75   build_kanji.level(build_kanji.tb(300,20)
76     (kanji.grthree.correlation)
77     (kanji.bottomrad.heart));
78   expand_pbox;
79 enddef;

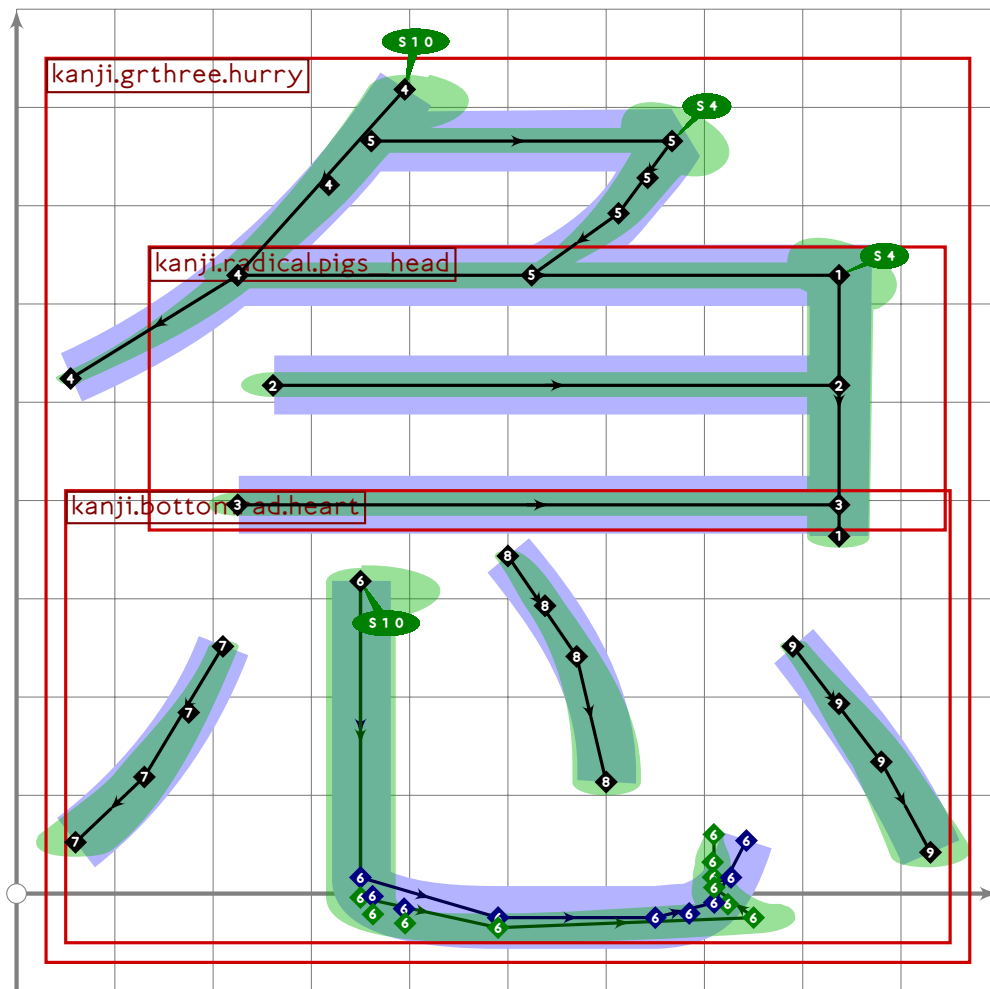
```



```

80
81 vardef kanji.grthree.evil =
82   push_pbox_toexpand("kanji.grthree.evil");
83   build_kanji.level(build_kanji.tb(280,20)
84     (kanji.greight.prefix_sub)
85     (kanji.bottomrad.heart));
86   expand_pbox;
87 enddef;

```

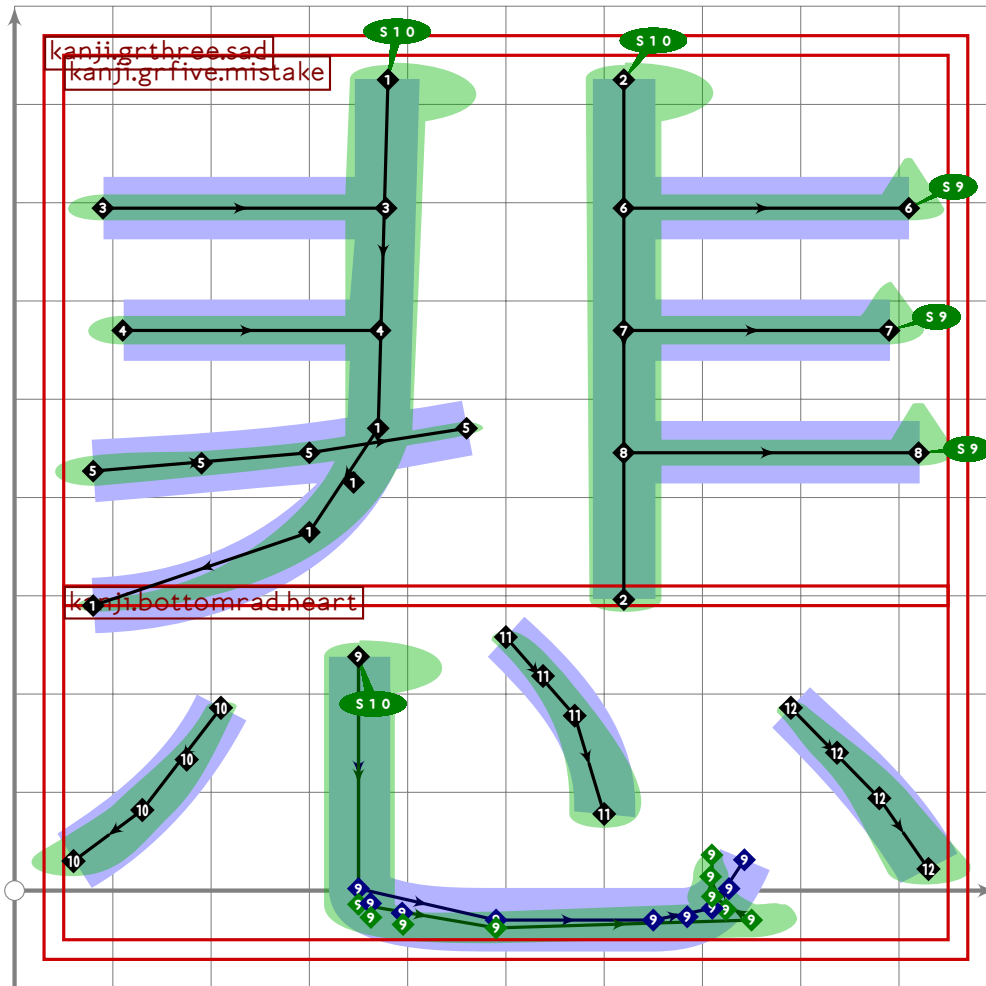


```

88
89 vardef kanji.grthree.hurry =
90   push_pbox_toexpand("kanji.grthree.hurry");
91   build_kanji.level(build_kanji.tb(390,40)
92     (build_kanji.sscale(xscaled 0.9 shifted (40,0))
93       (build_kanji.attach_fishhook(0.6)
94         (kanji.radical.pigs_head)))
95     (kanji.bottomrad.heart));
96   expand_pbox;
97 enddef;

```



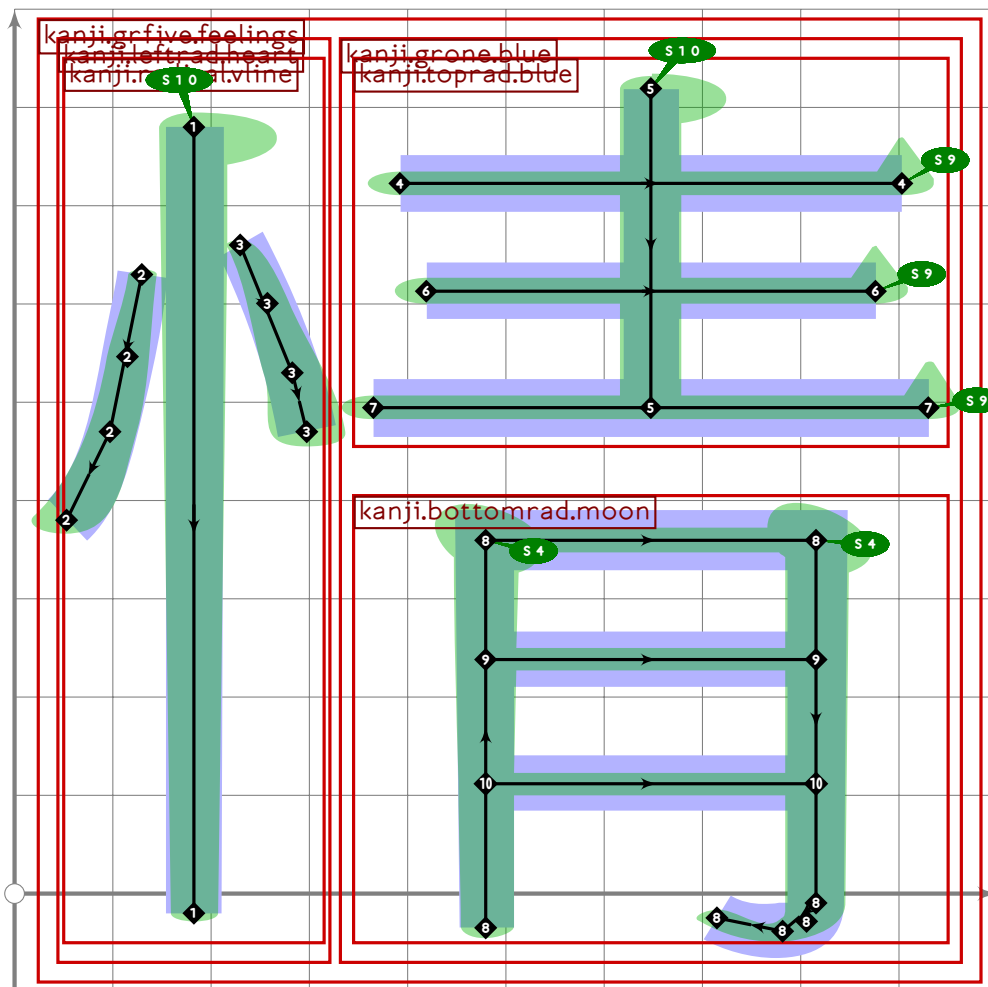


```

98
99 vardef kanji.grthree.sad =
100   push_pbox_toexpand("kanji.grthree.sad");
101   build_kanji.level(build_kanji.tb(300,20)
102     (kanji.grfive.mistake)
103     (kanji.bottomrad.heart));
104   expand_pbox;
105 enddef;
106
107

```

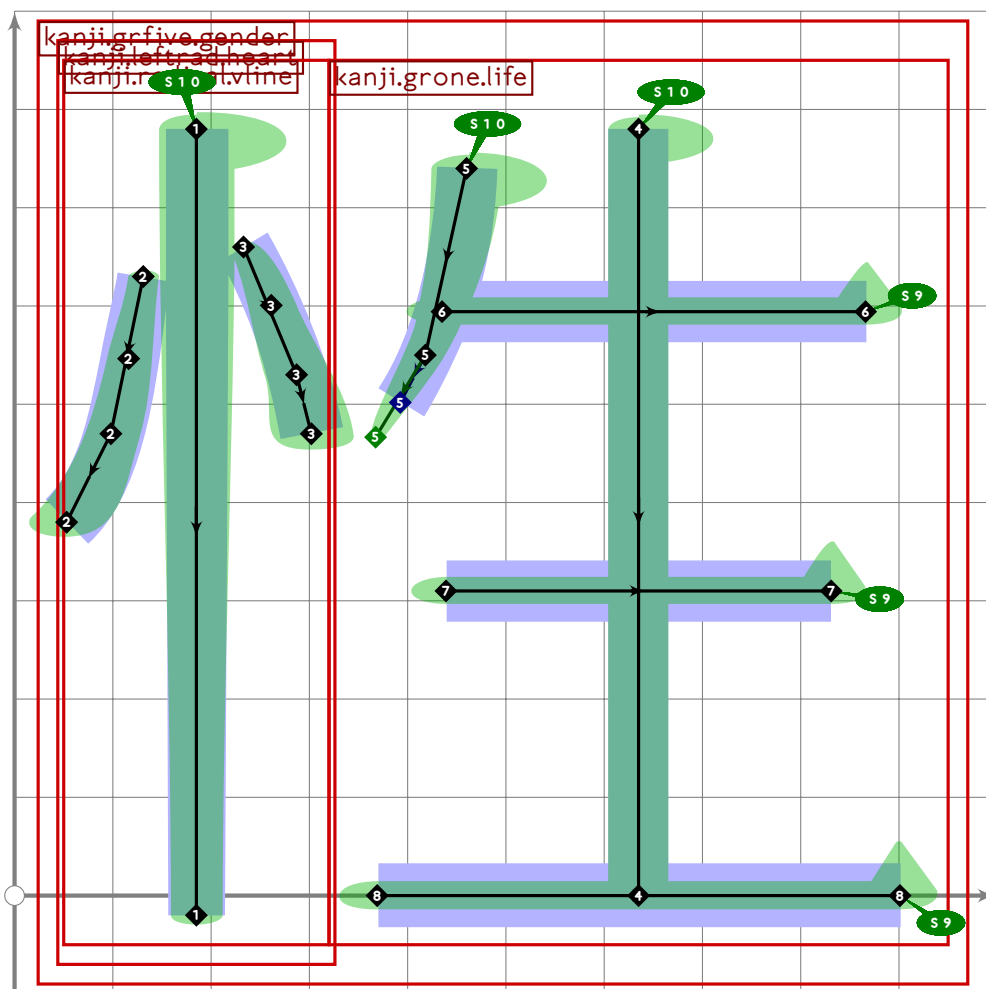
U+60C5  
tsuku.uni60C5



```

108
109 vardef kanji.grfive.feelings =
110   push_pbox_toexpand("kanji.grfive.feelings");
111   build_kanji.level(build_kanji.lr(330;-30)
112     (kanji.lefttrad.heart)
113     (kanji.grone.blue));
114   expand_pbox;
115 enddef;

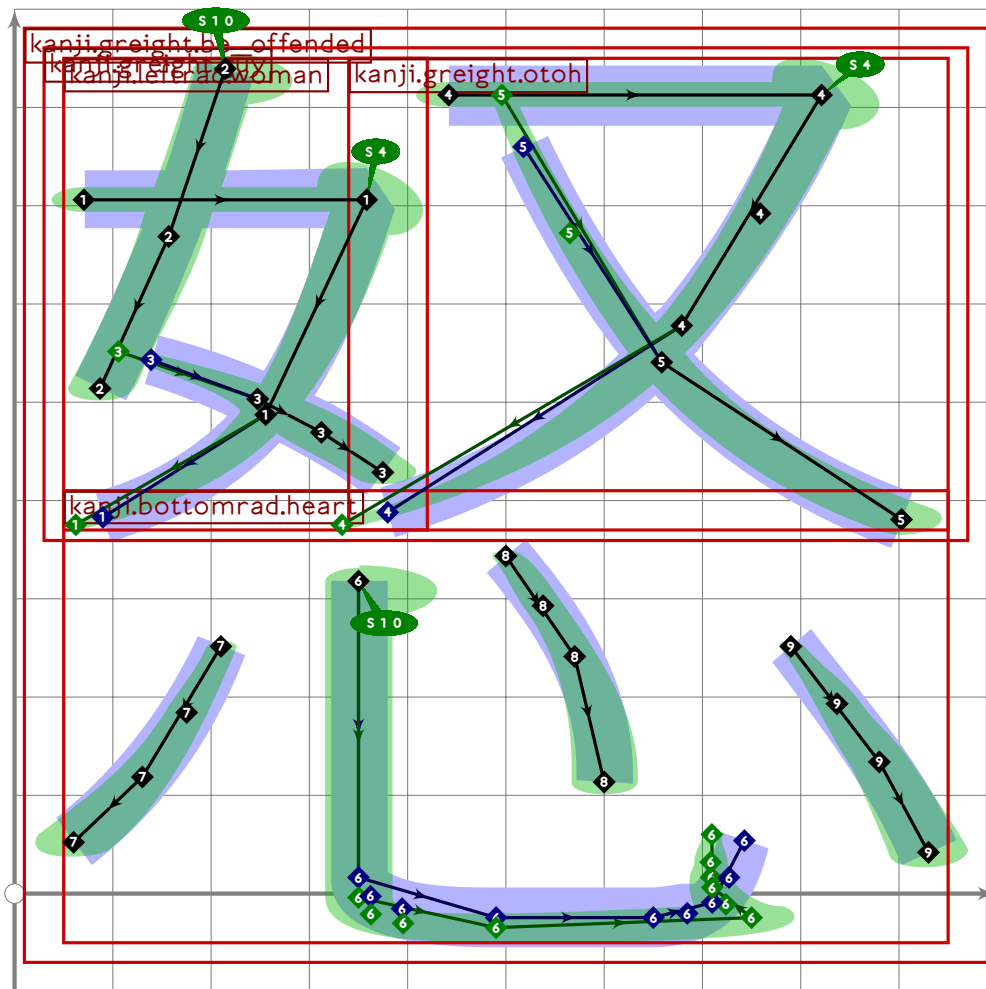
```



```

116
117 vardef kanji.grfive.gender =
118   push_pbox_toexpand("kanji.grfive.gender");
119   build_kanji.level(build_kanji.lr(320,0)
120     (kanji.leftrad.heart)
121     (kanji.grone.life));
122   expand_pbox;
123 enddef;
124
125

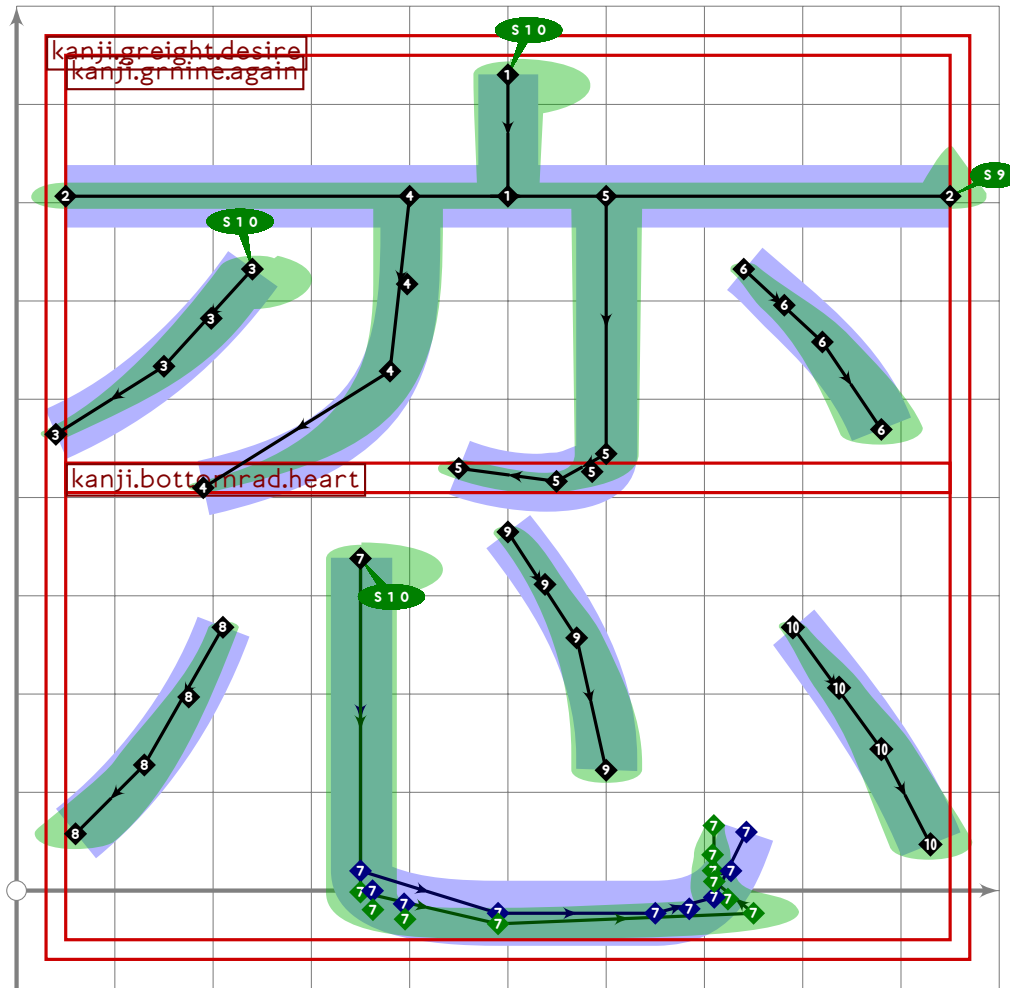
```



```

126
127 vardef kanji.greight.be_offended =
128   push_pbox_toexpand("kanji.greight.be_offended");
129   build_kanji.level(build_kanji.tb(390,40)
130     (kanji.greight.guy)
131     (kanji.bottomrad.heart));
132   expand_pbox;
133 enddef;

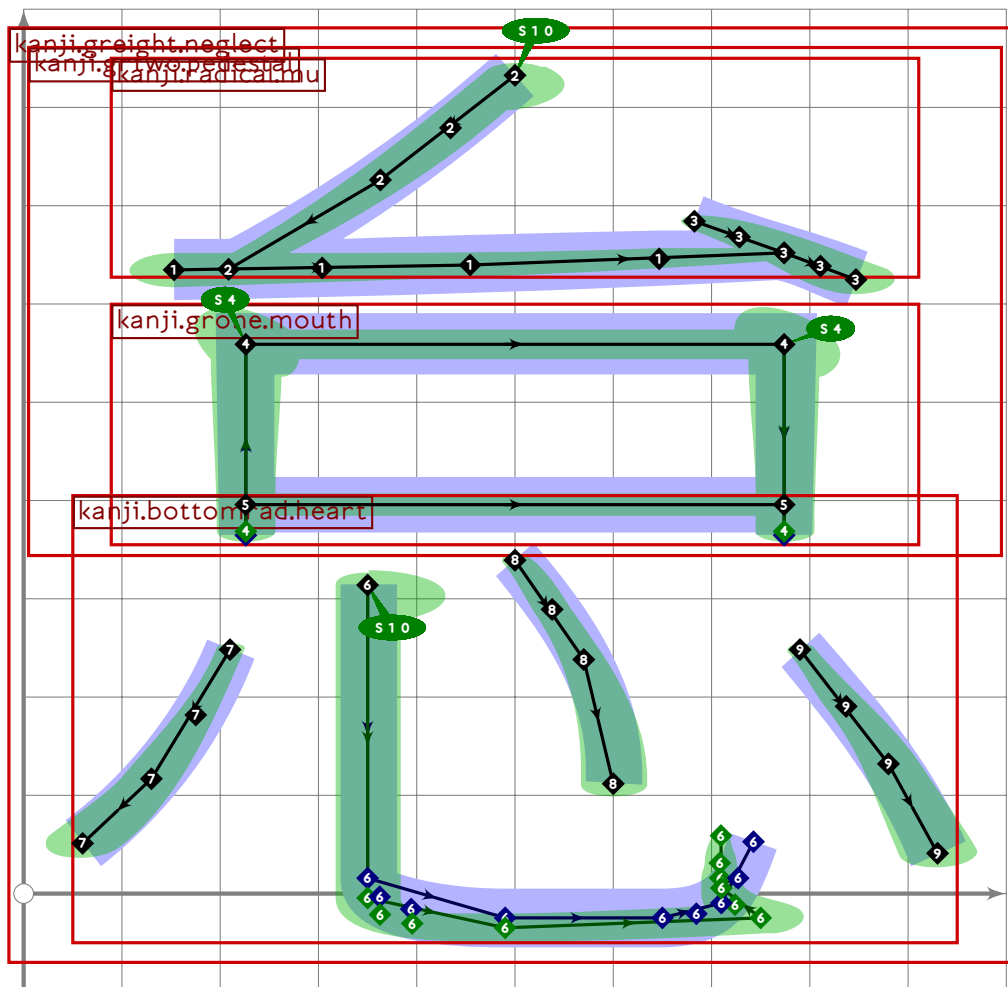
```



```

134
135 vardef kanji.greight.desire =
136   push_pbox_toexpand("kanji.greight.desire");
137   build_kanji.level(build_kanji.tb(420,30)
138     (kanji.grnine.again)
139     (kanji.bottomrad.heart));
140   expand_pbox;
141 enddef;

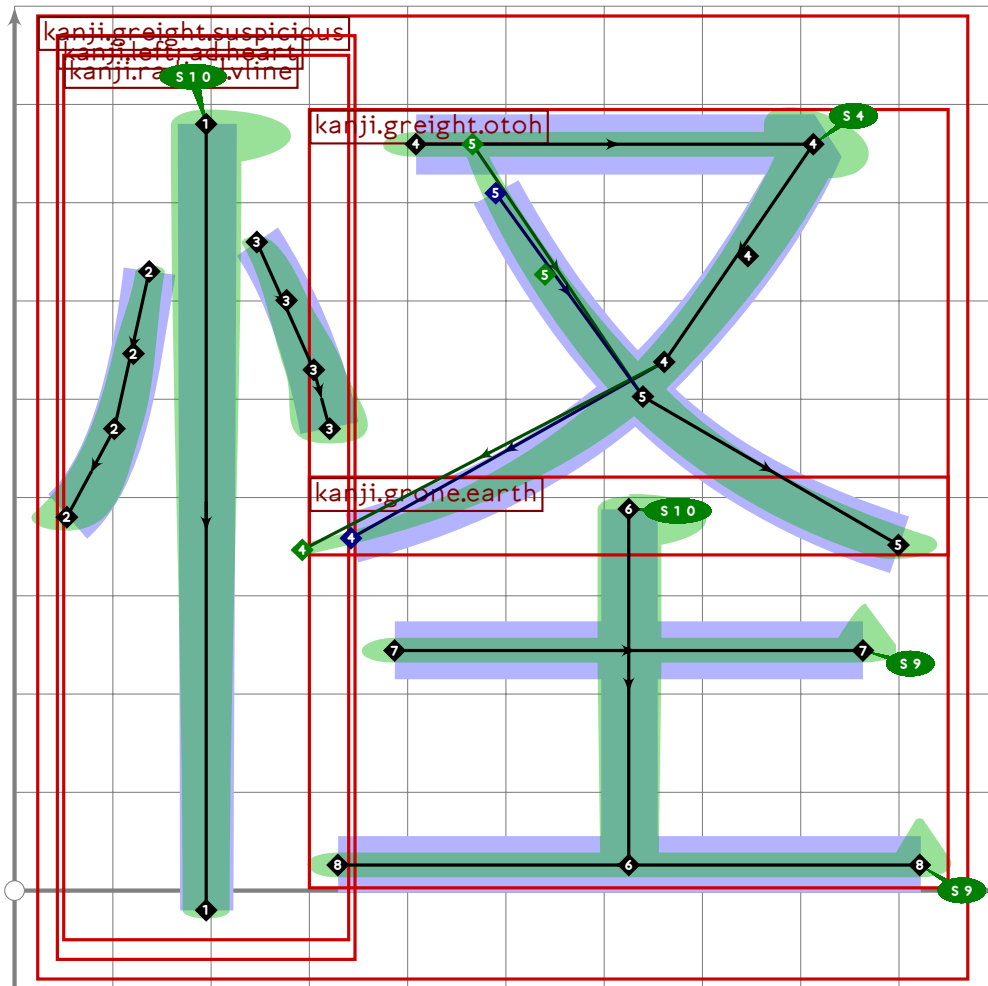
```



```

142
143 vardef kanji.greight.neglect =
144   push_pbox_toexpand("kanji.greight.neglect");
145   build_kanji.level(build_kanji.tb(380,50)
146     (build_kanji.sscale(xscaled 1.1)(kanji.grtwo.pedestal))
147     (kanji.bottomrad.heart));
148   expand_pbox;
149 enddef;

```

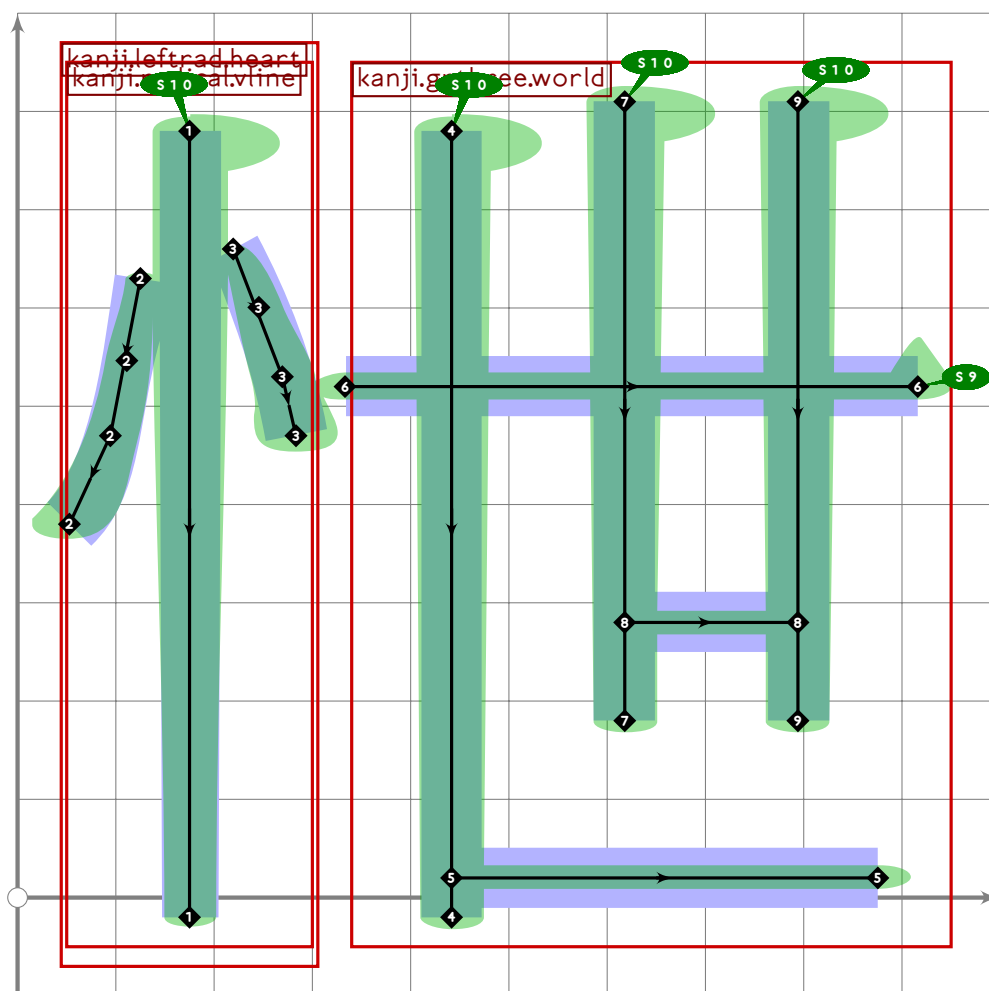


```

150
151 vardef kanji.greight.suspicious =
152   push_pbox_toexpand("kanji.greight.suspicious");
153   build_kanji.level(build_kanji.lr(320,40)
154     (kanji.left.rad.heart)
155     (build_kanji.sscale(yscaled 0.88)(build_kanji.tb(380,90)
156       (kanji.greight.otoh)
157       (kanji.grone.earth))));
158   expand_pbox;
159 enddef;
160
161
162

```

U+6008  
tsuku.uni6008

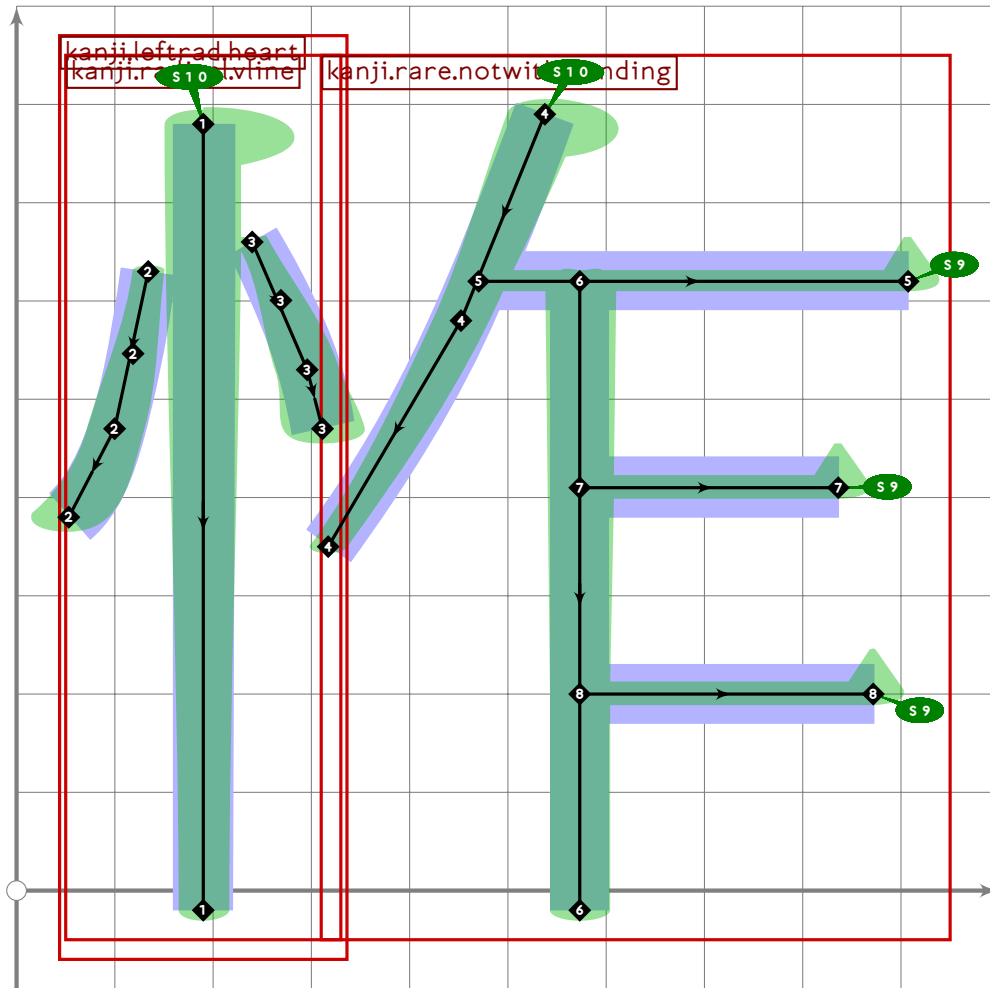


```

163 % extra
164 begintsuglyph("uni6008";8);
165   build_kanji.level(build_kanji.lr(320;40)
166     (kanji.leftrad.heart)
167     (kanji.grthree.world));
168   tsu_render;
169 endtsuglyph;
170

```



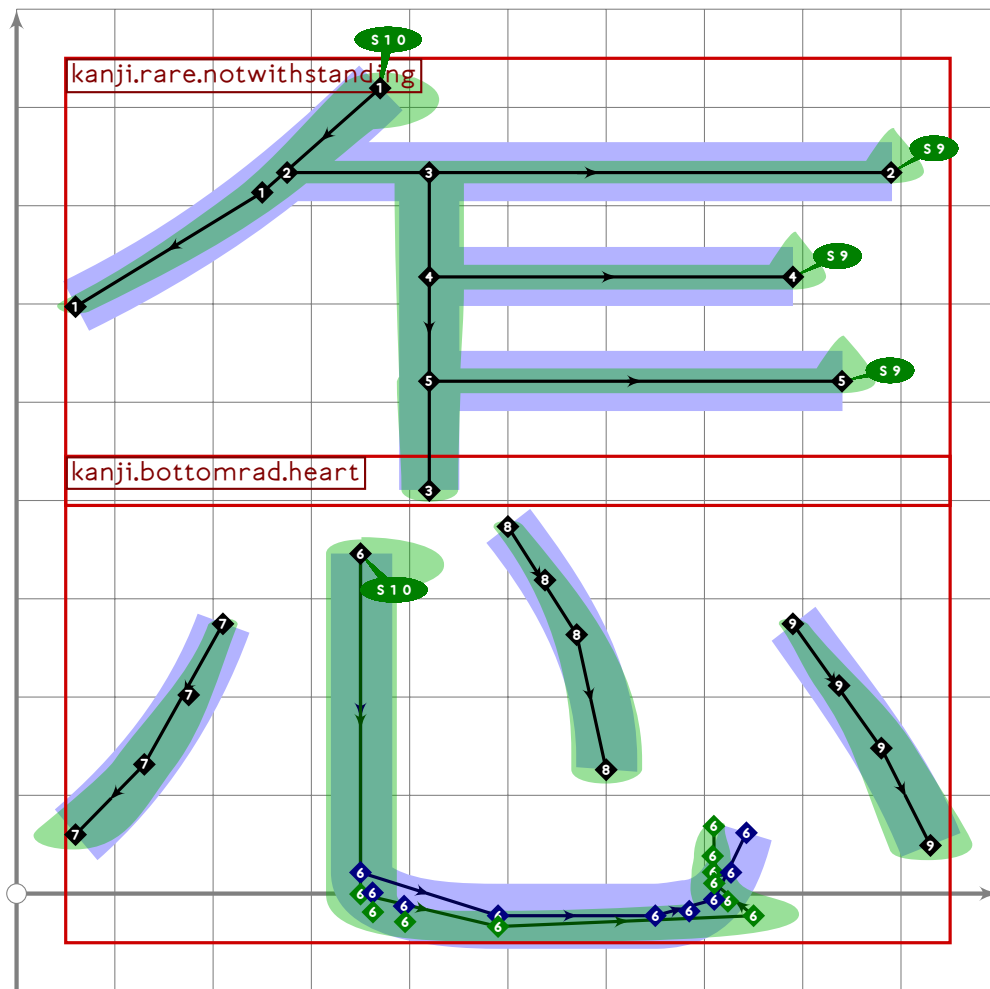


```

171 % extra
172 begintsuglyph("uni600D",13);
173   build_kanji.level(build_kanji.lr(320,20)
174     (kanji.leftrad.heart)
175     (kanji.rare.notwithstanding));
176   tsu_render;
177 endtsuglyph;
178

```

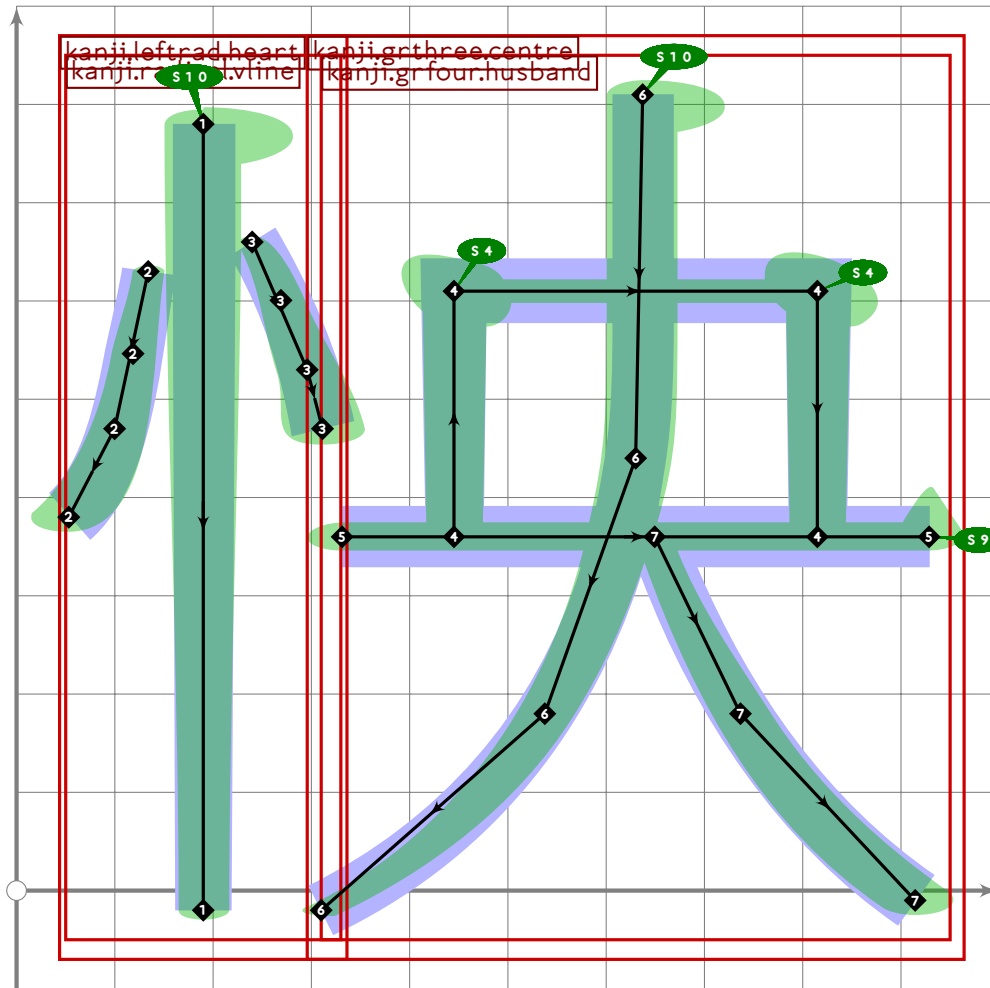
U+600E  
tsuku.uni600E



```

179 % extra
180 begintuglyph("uni600E",14);
181   build_kanji.level(build_kanji.tb(420,50)
182     (kanji.rare.notwithstanding)
183     (kanji.bottomrad.heart));
184   tsu_render;
185 endtsuglyph;
186

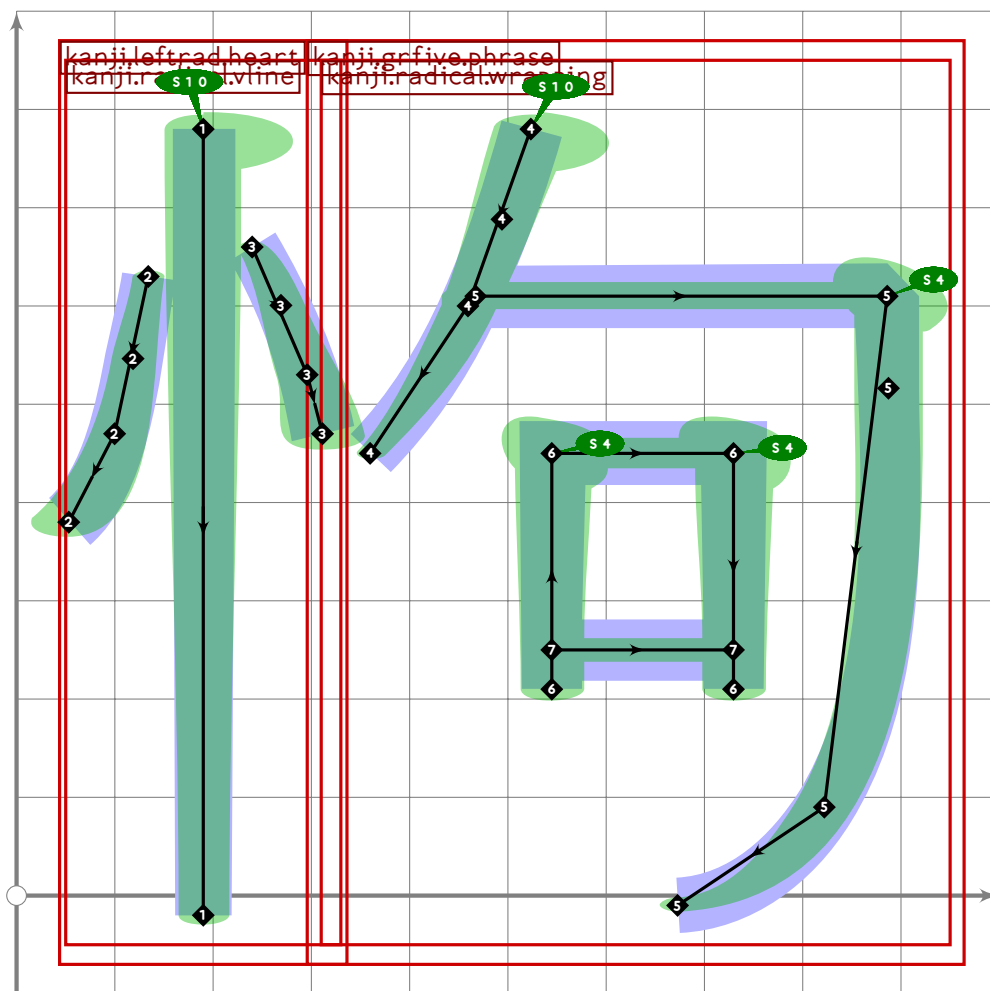
```



```

187 % extra
188 begintsuglyph("uni600F",15);
189   build_kanji.level(build_kanji.lr(320,20)
190     (kanji.leftrad.heart)
191     (kanji.grthree.three));
192   tsu_render;
193 endtsuglyph;
194

```

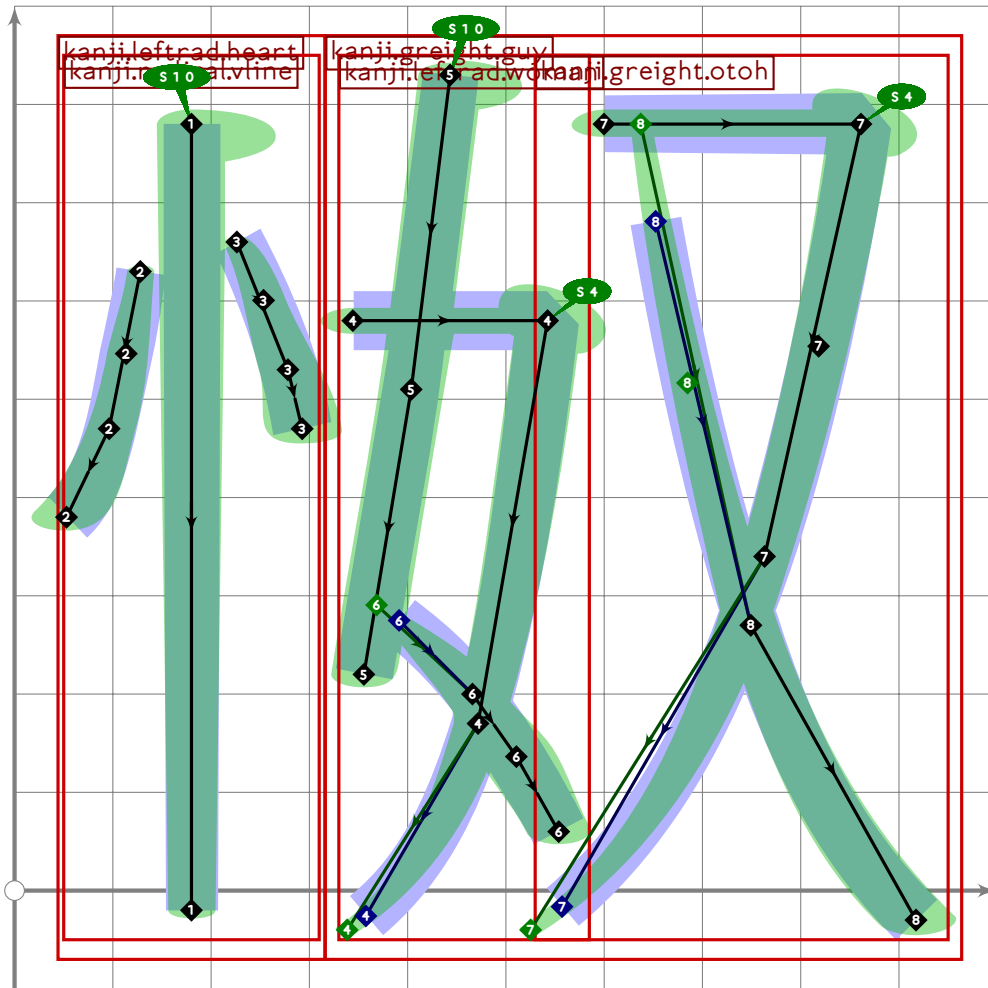


```

195 % extra
196 begintsuglyph("uni6010",16);
197   build_kanji.level(build_kanji.lr(320,20)
198     (kanji.leftrad.heart)
199     (kanji.grfive.phrase));
200   tsu_render;
201 endtsuglyph;
202
203 % do/ika "be offended"
204 begintsuglyph("uni6012",18);
205   kanji.greight.be_offended;
206   tsu_render;
207 endtsuglyph;
208

```

[see page 2180]

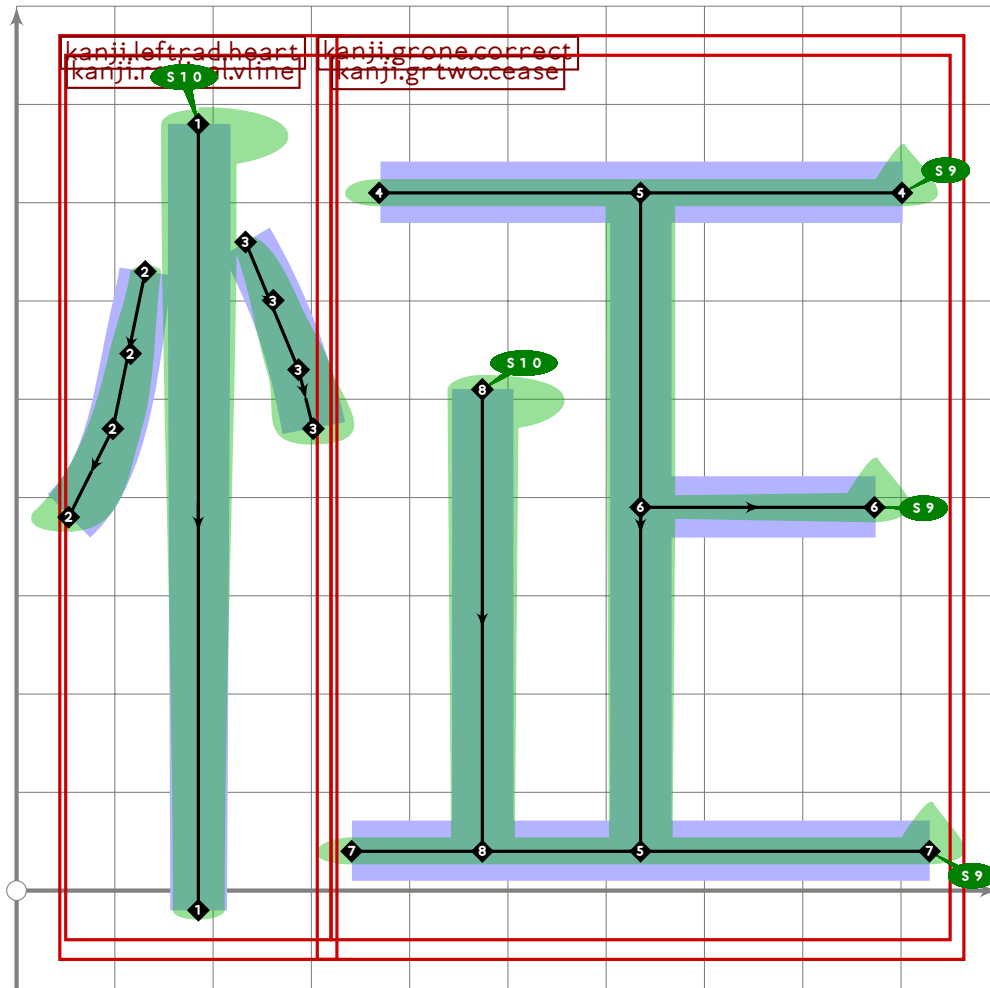


```

209 % extra
210 beginsuglyph("uni6013",19);
211   build_kanji.level(build_kanji.lr(320;20)
212     (kanji.leftrad.heart)
213     (kanji.greight.guy));
214   tsu_render;
215 endtsuglyph;
216

```

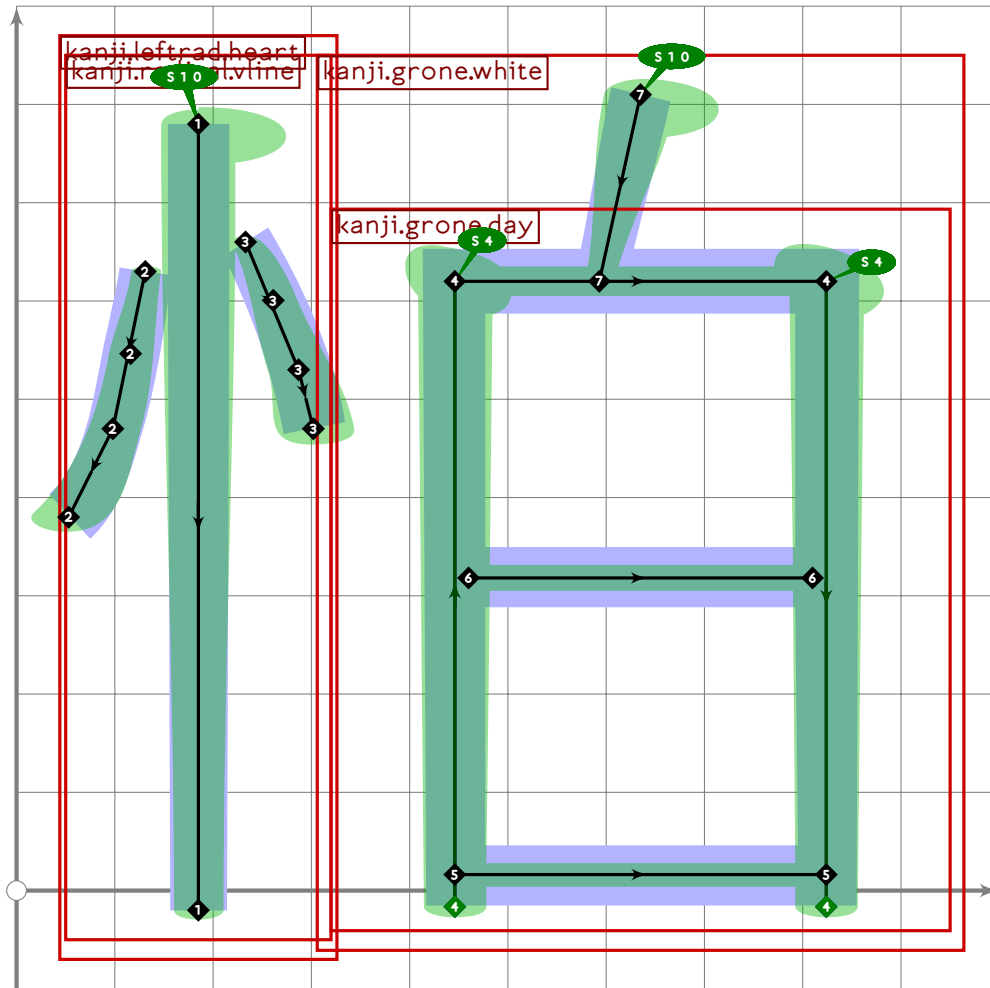
U+6014  
tsuku.uni6014



```

217 % extra
218 begintsuglyph("uni6014";20);
219   build_kanji.level(build_kanji.lr(320,0)
220     (kanji.leftrad.heart)
221     (kanji.grone.correct));
222   tsu_render;
223 endtsuglyph;
224

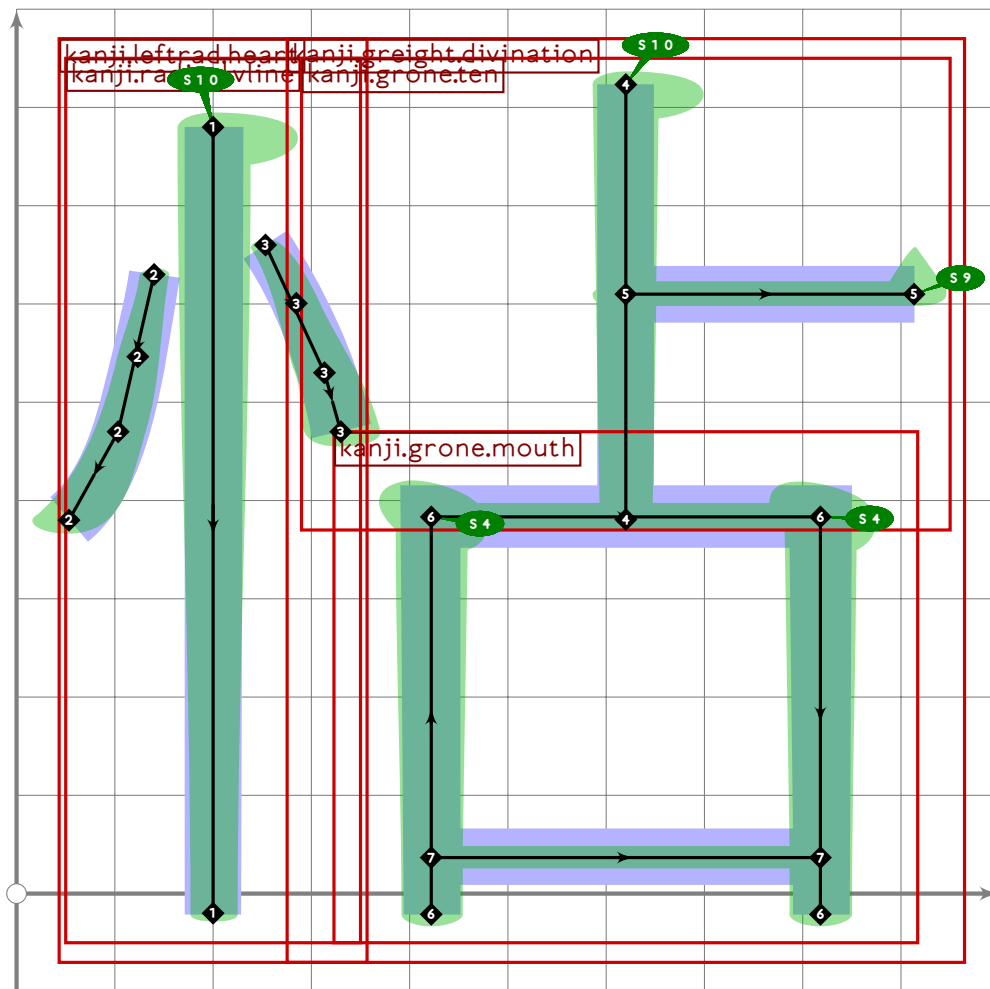
```



```

225 % extra
226 begintsuglyph("uni6015",21);
227   build_kanji.level(build_kanji.lr(320,0)
228     (kanji.leftrad.heart)
229     (kanji.grone.white));
230   tsu_render;
231 endtsuglyph;
232

```

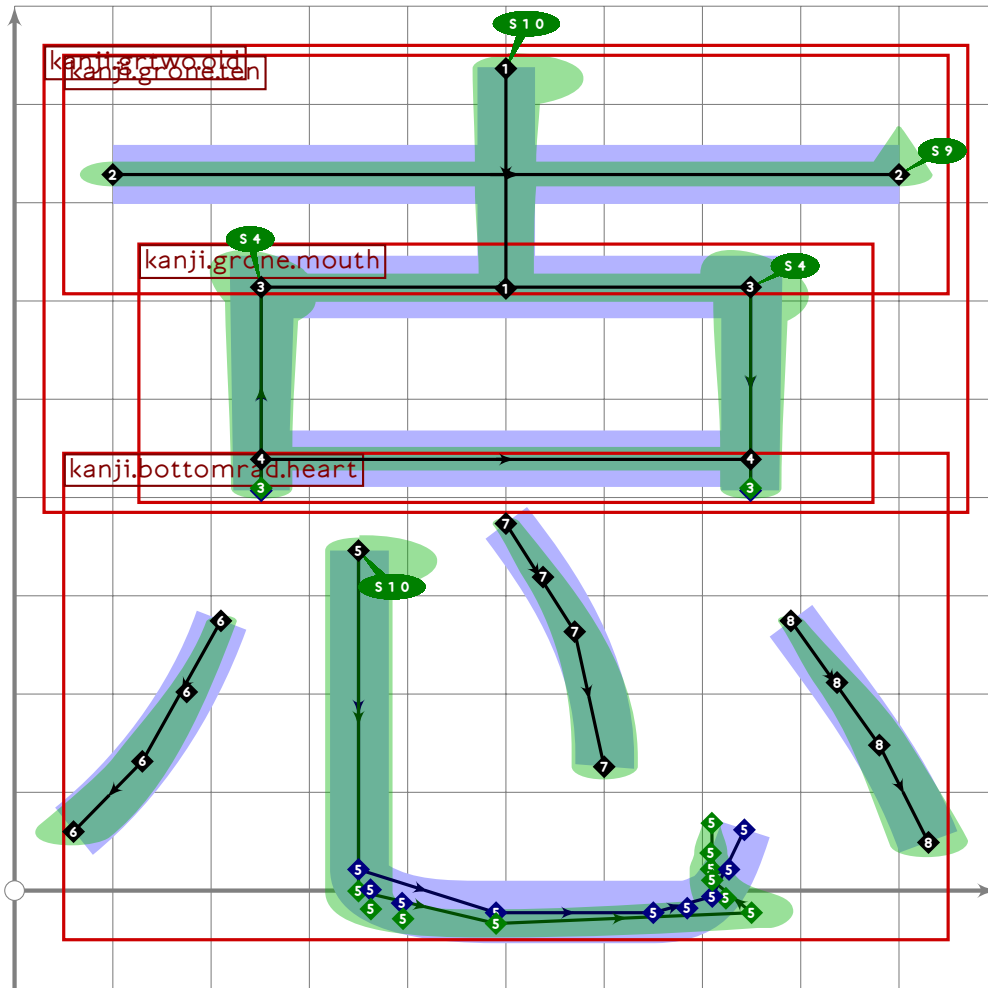


```

233 % extra
234 begintsuglyph("uni6017",23);
235   build_kanji.level(build_kanji.lr(320,60)
236     (kanji.leftrad.heart)
237     (kanji.greight.divination));
238   tsu_render;
239 endtsuglyph;
240

```



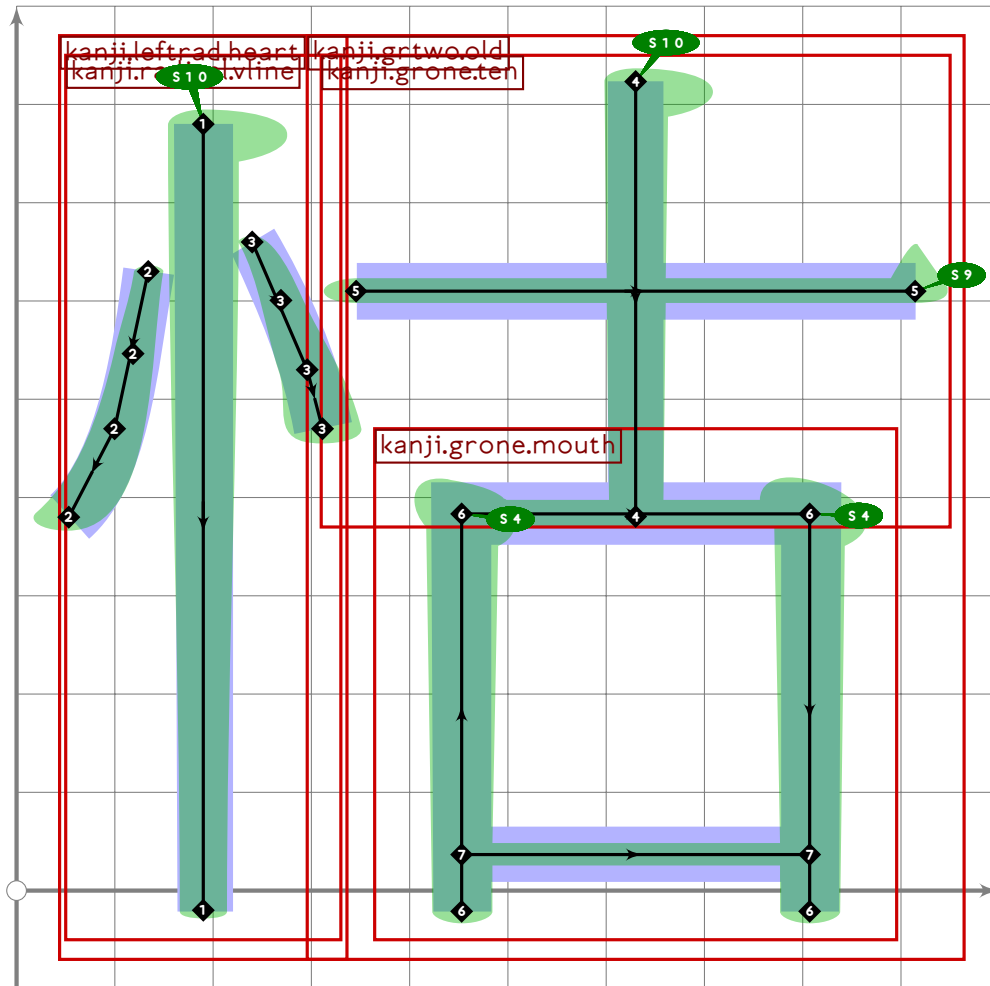


```

241 % extra
242 begintsuglyph("uni6018",24);
243     build_kanji.level(build_kanji.tb(420,50)
244         (kanji.grtwo.old)
245         (kanji.bottomrad.heart));
246     tsu_render;
247 endtsuglyph;
248

```

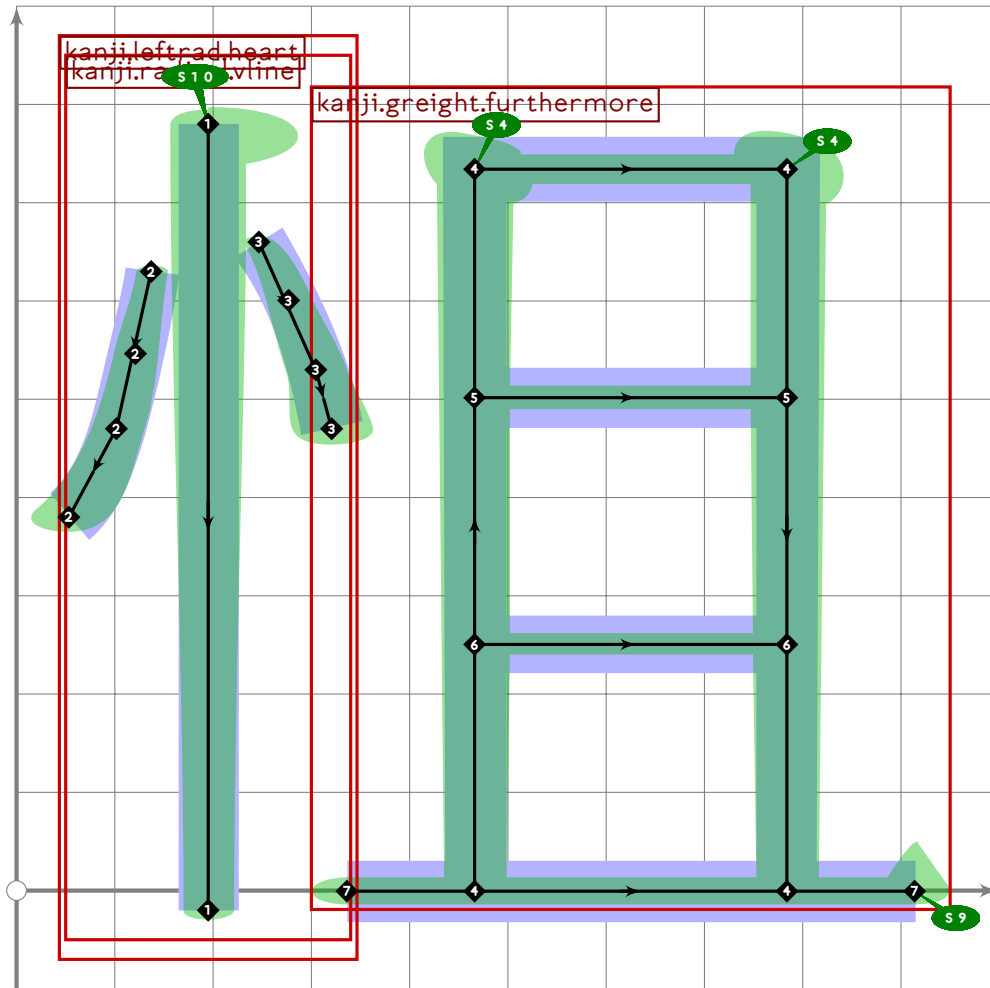
U+6019  
tsuku.uni6019



```

249 % extra
250 begintsuglyph("uni6019";25);
251   build_kanji.level(build_kanji.lr(320,20)
252     (kanji.leftrad.heart)
253     (kanji.grtwo.old));
254   tsu_render;
255 endtsuglyph;
256

```



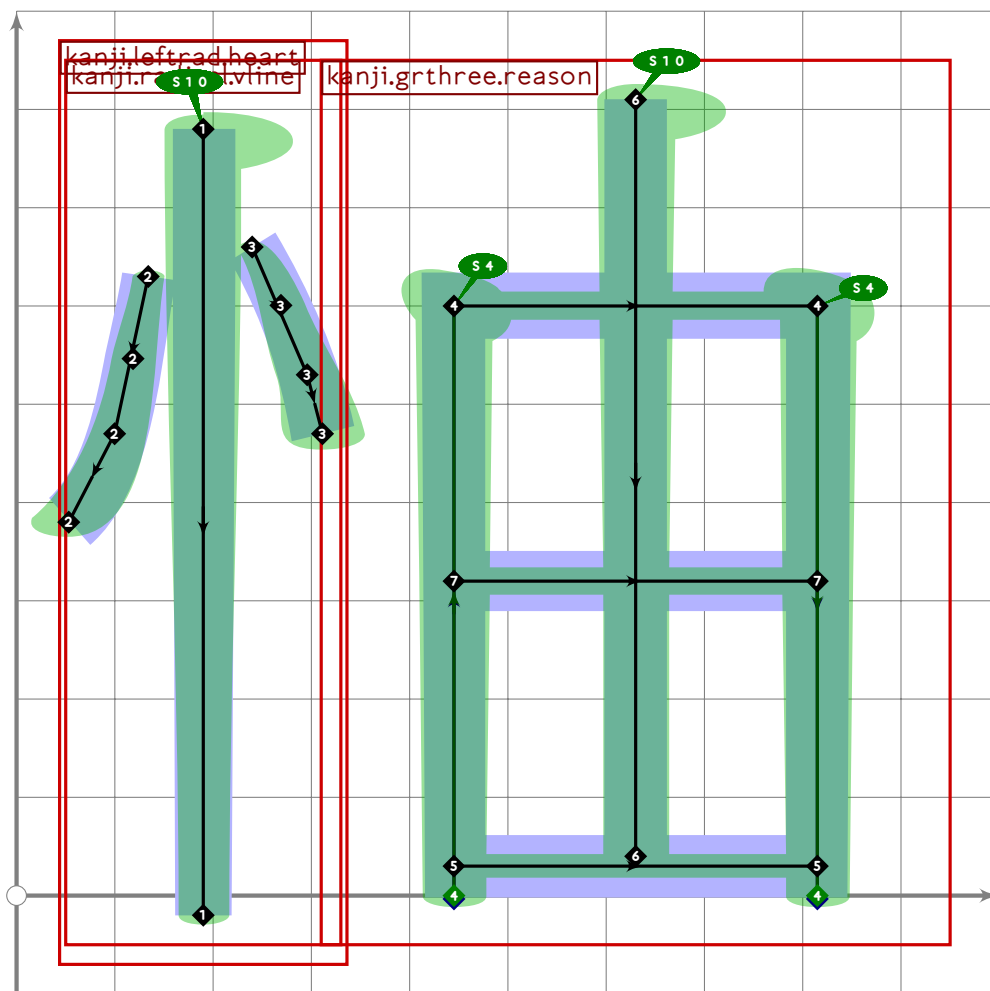
```

257 % extra
258 begintsuglyph("uni601A";26);
259   build_kanji.level(build_kanji.lr(320,40)
260     (kanji.leftrad.heart)
261     (build_kanji.sscale(yscaled 0.93)(kanji.greight.furthermore)));
262   tsu_render;
263 endtsuglyph;
264
265 % shi/omo "think"
266 begintsuglyph("uni601D";29);
267   kanji.grtwo.think;
268   tsu_render;
269 endtsuglyph;
270

```

[see page 2172]

U+601E  
tsuku.uni601E

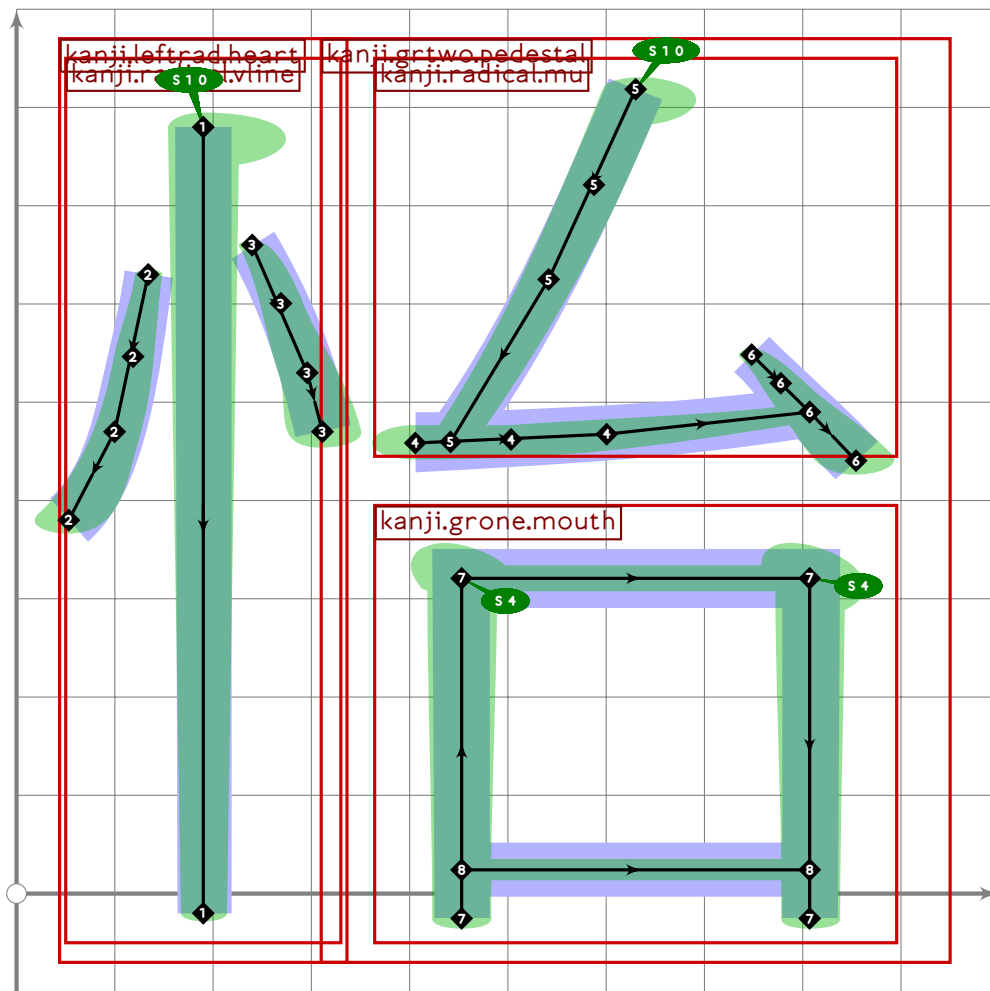


```

271 % extra
272 begintsuglyph("uni601E";30);
273   build_kanji.level(build_kanji.lr(320,20)
274     (kanji.leftrad.heart)
275     (kanji.grthree.reason));
276   tsu_render;
277 endtsuglyph;
278
279 % kai/okota/nama "neglect"
280 begintsuglyph("uni6020";32);
281   kanji.greight.neglect;
282   tsu_render;
283 endtsuglyph;
284

```

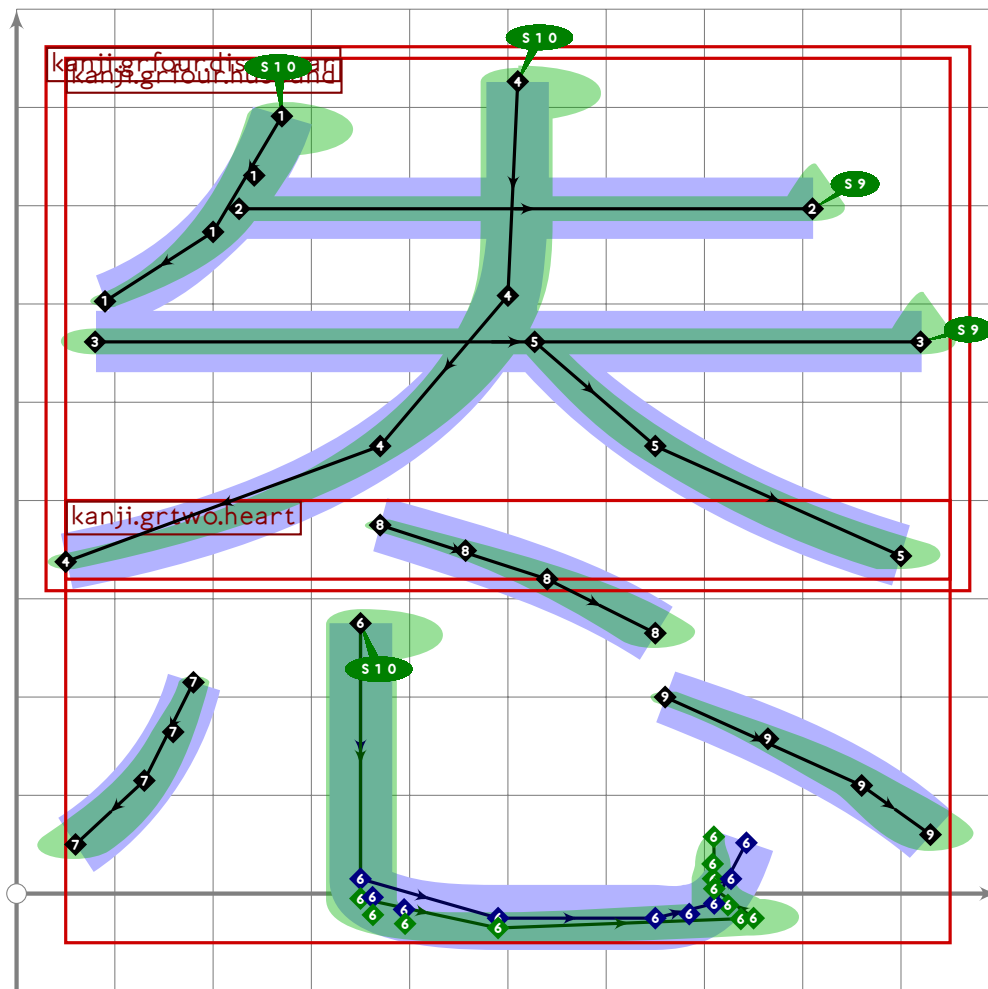
[see page 2182]



```

285 % extra
286 begintsuglyph("uni6021",33);
287   build_kanji.level(build_kanji.lr(320,20)
288     (kanji.leftrad.heart)
289     (kanji.grtwo.pedestal));
290   tsu_render;
291 endtsuglyph;
292

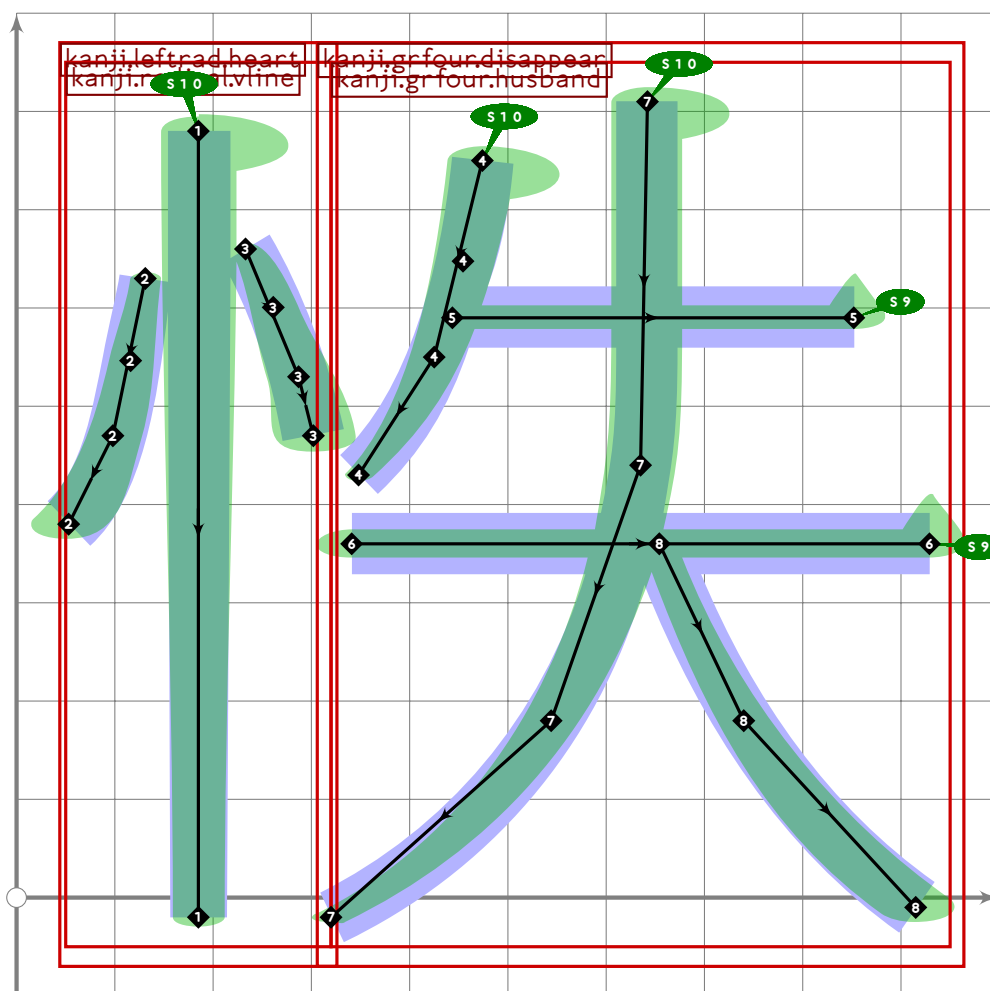
```



```

293 % extra
294 begintsuglyph("uni6022";34);
295   build_kanji.level(build_kanji.tb(360,80)
296     (kanji.grfour.disappear)
297     (kanji.grtwo.heart));
298   tsu_render;
299 endtsuglyph;
300

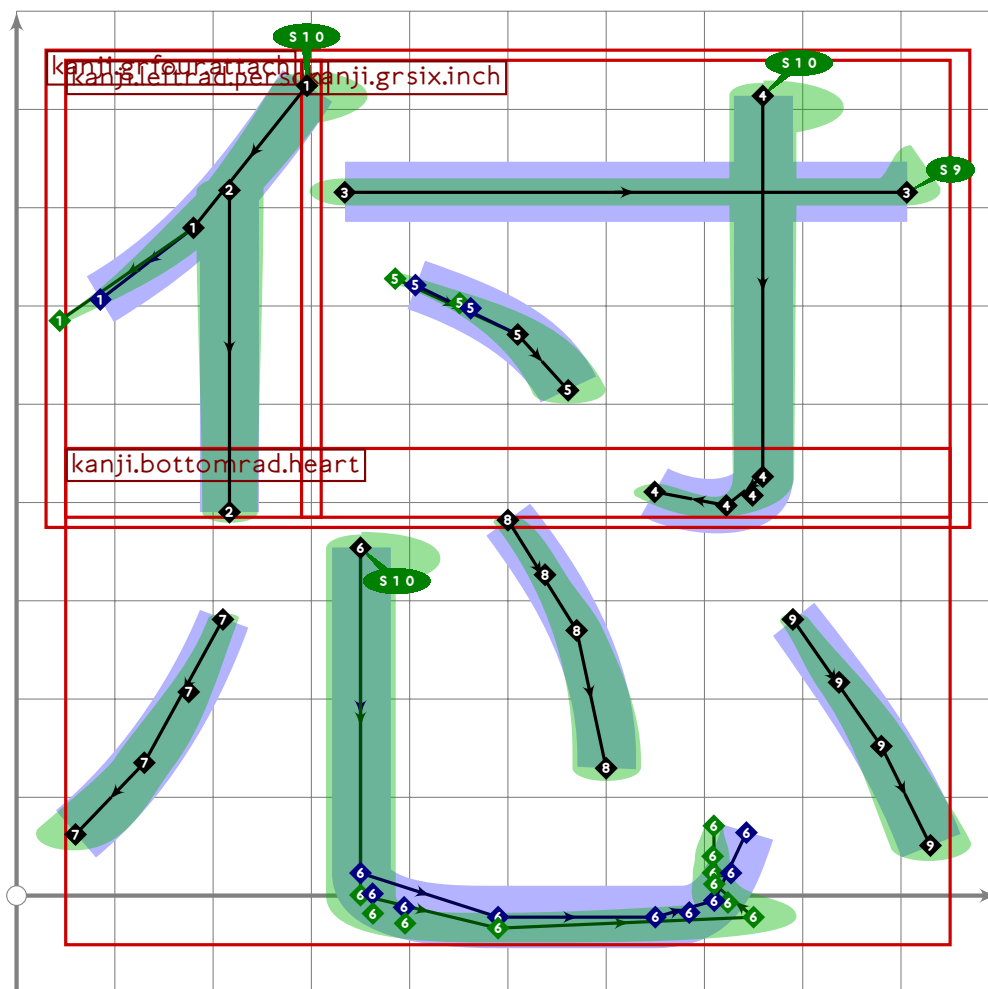
```



```

301 % extra
302 begintsuglyph("uni6023";35);
303   build_kanji.level(build_kanji.lr(320,0)
304     (kanji.leftrad.heart)
305     (kanji.grfour.disappear));
306   tsu_render;
307 endtsuglyph;
308

```



```

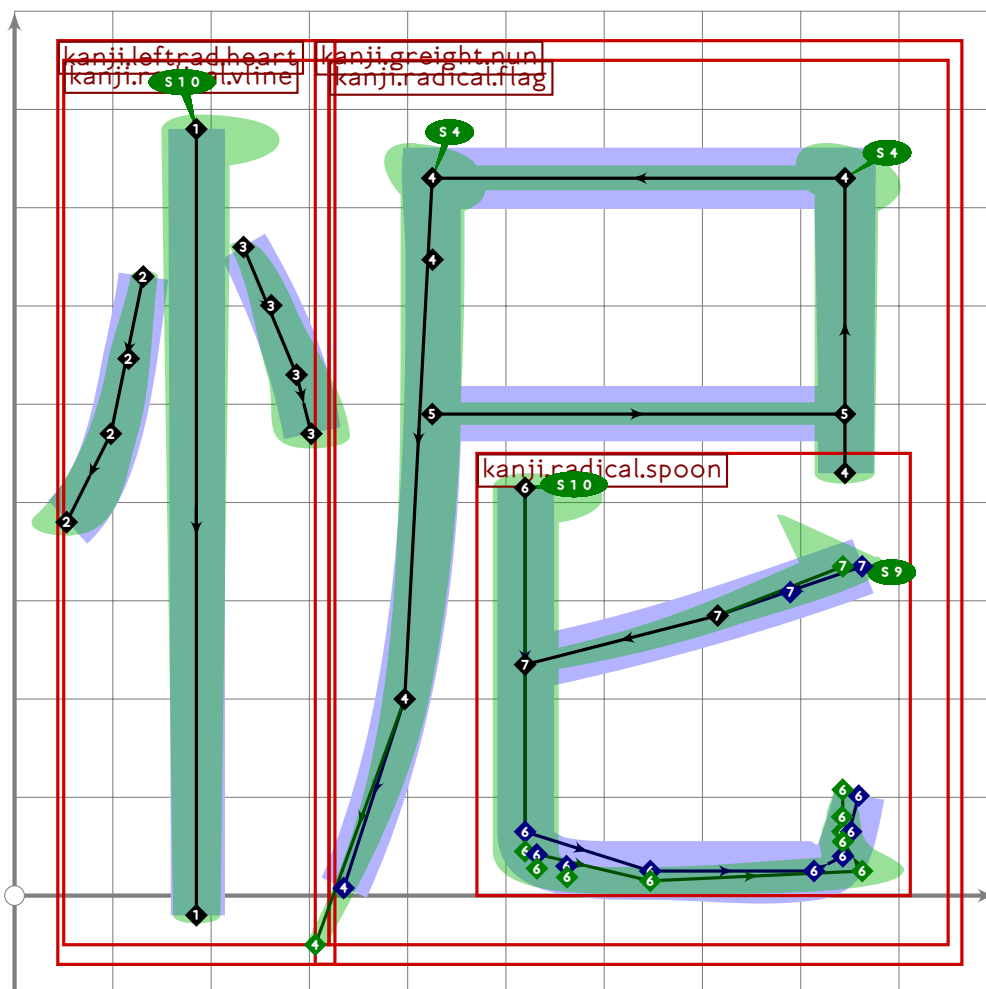
309 % extra
310 begintsuglyph("uni6024";36);
311   build_kanji.level(build_kanji.tb(420,70)
312     (kanji.grfour.attach)
313     (kanji.bottomrad.heart));
314   tsu_render;
315 endtsuglyph;
316
317 % kyuu/iso "hurry"
318 begintsuglyph("uni6025";37);
319   kanji.grthree.hurry;
320   tsu_render;
321 endtsuglyph;
322
323 % sei/saga "gender"
324 begintsuglyph("uni6027";39);
325   kanji.grfive.gender;
326   tsu_render;
327 endtsuglyph;
328

```

[see page 2176]

[see page 2179]





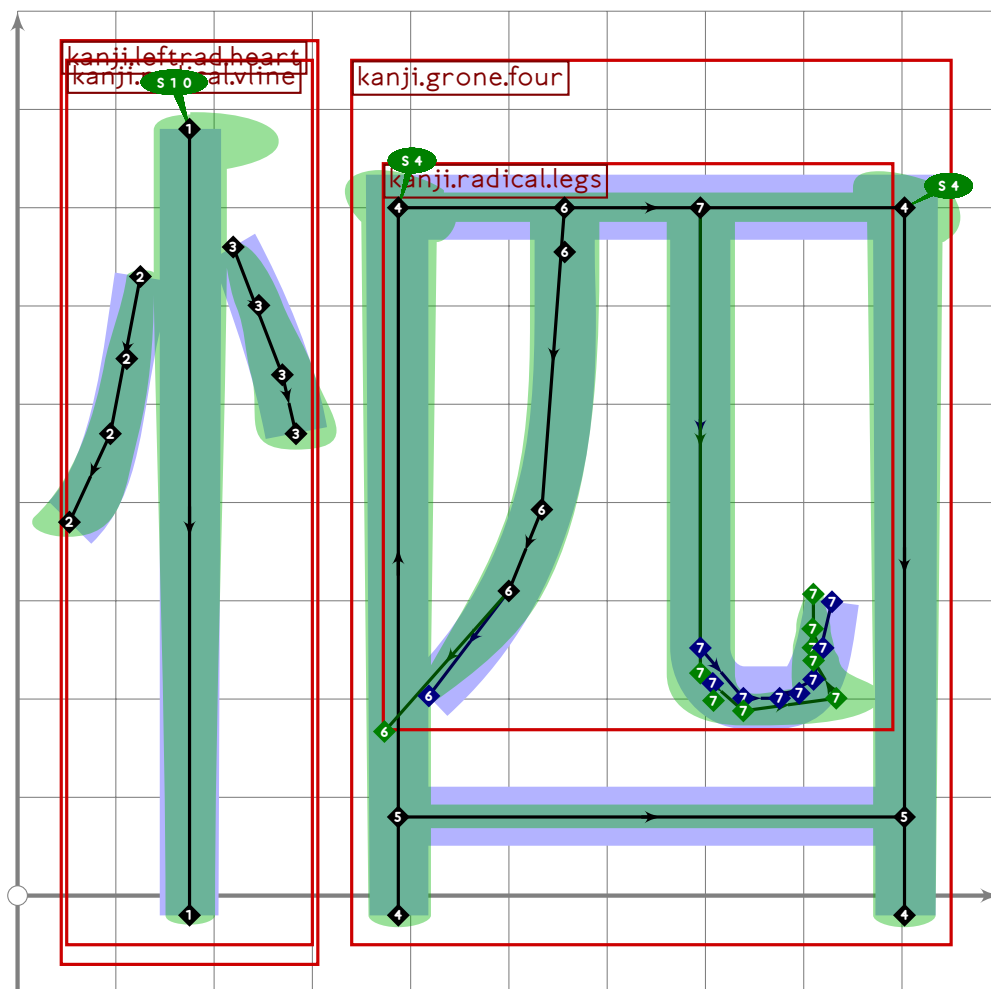
```

329 % extra
330 begintsuglyph("uni6029";41);
331   build_kanji.level(build_kanji.lr(320,0)
332     (kanji.leftrad.heart)
333     (kanji.greight.nun));
334   tsu_render;
335 endtsuglyph;
336
337 % kai/aya "suspicious"
338 begintsuglyph("uni602A";42);
339   kanji.greight.suspicious;
340   tsu_render;
341 endtsuglyph;
342

```

[see page 2183]

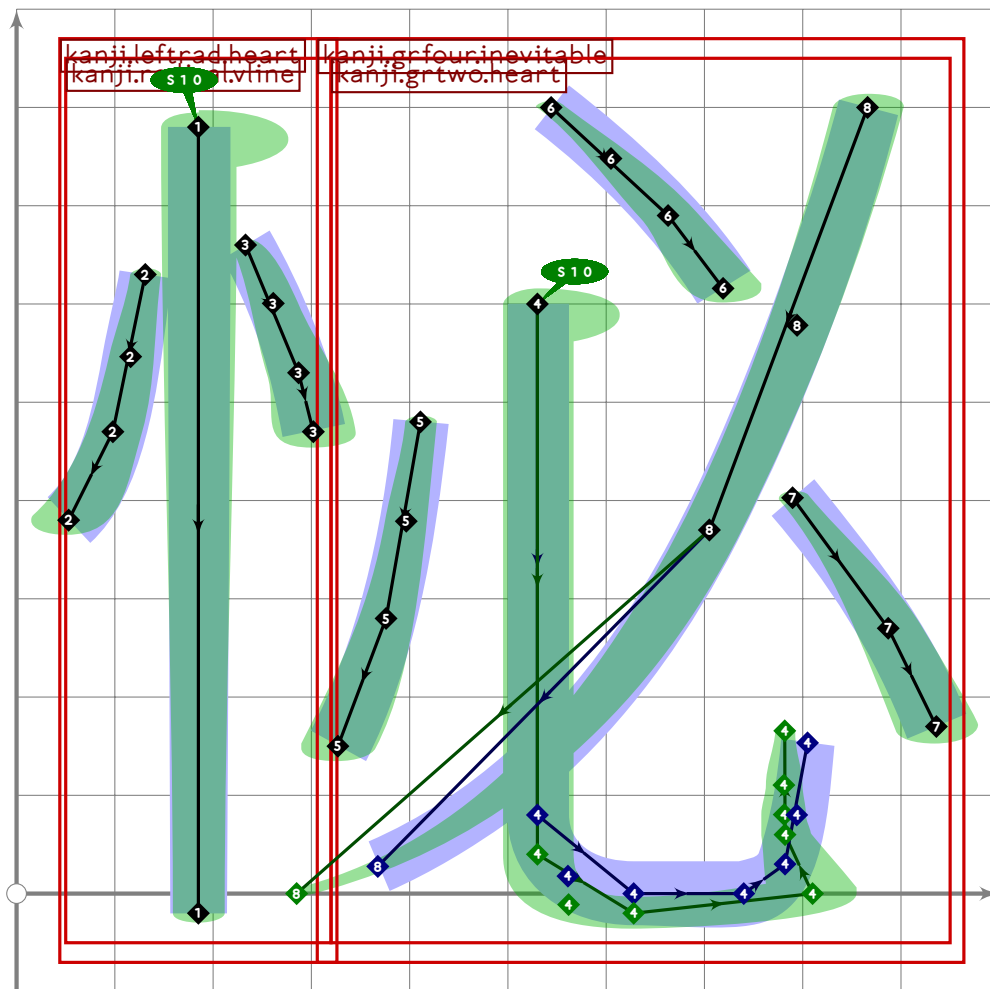
U+602C  
tsuku.uni602C



```

343 % extra
344 begintsuglyph("uni602C",44);
345   build_kanji.level(build_kanji.lr(320,40)
346     (kanji.leftrad.heart)
347     (kanji.grone.four));
348   tsu_render;
349 endtsuglyph;
350

```

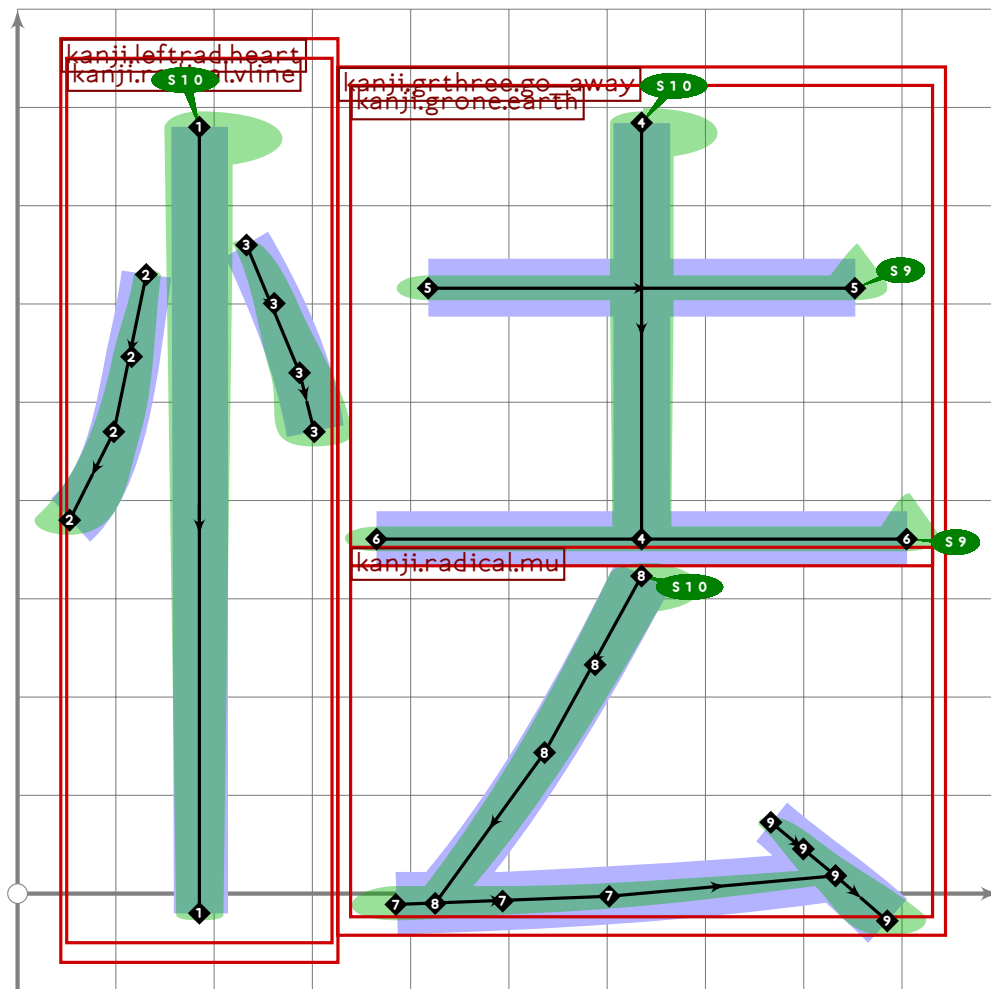


```

351 % extra
352 begintsuglyph("uni602D";45);
353   build_kanji.level(build_kanji.lr(320,0)
354     (kanji.leftrad.heart)
355     (kanji.grfour.inevitable));
356   tsu_render;
357 endtsuglyph;
358

```

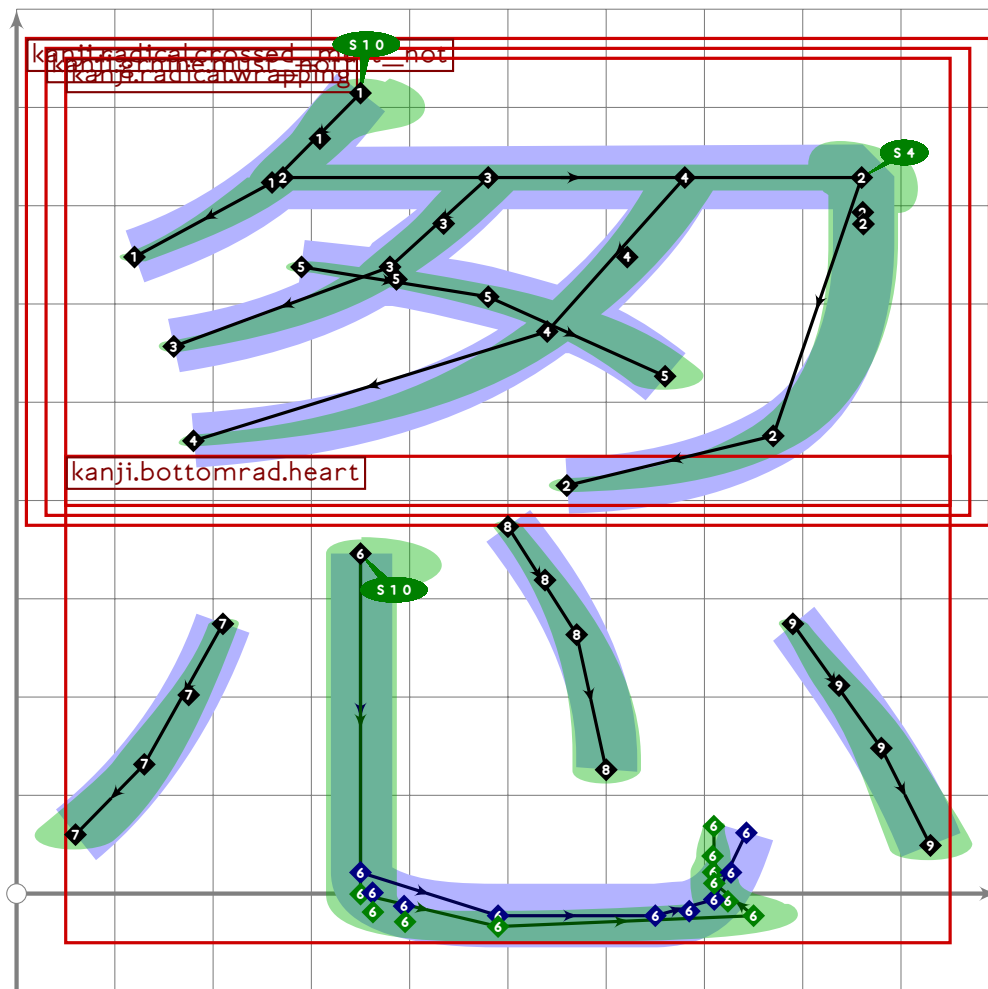
U+602F  
tsuku.uni602F



```

359 % extra
360 begintsuglyph("uni602F";47);
361   build_kanji.level(build_kanji.lr(320,0)
362     (kanji.leftrad.heart)
363     (build_kanji.sscale(scaled 0.94)(kanji.grthree.go_away)));
364   tsu_render;
365 endtsuglyph;
366

```

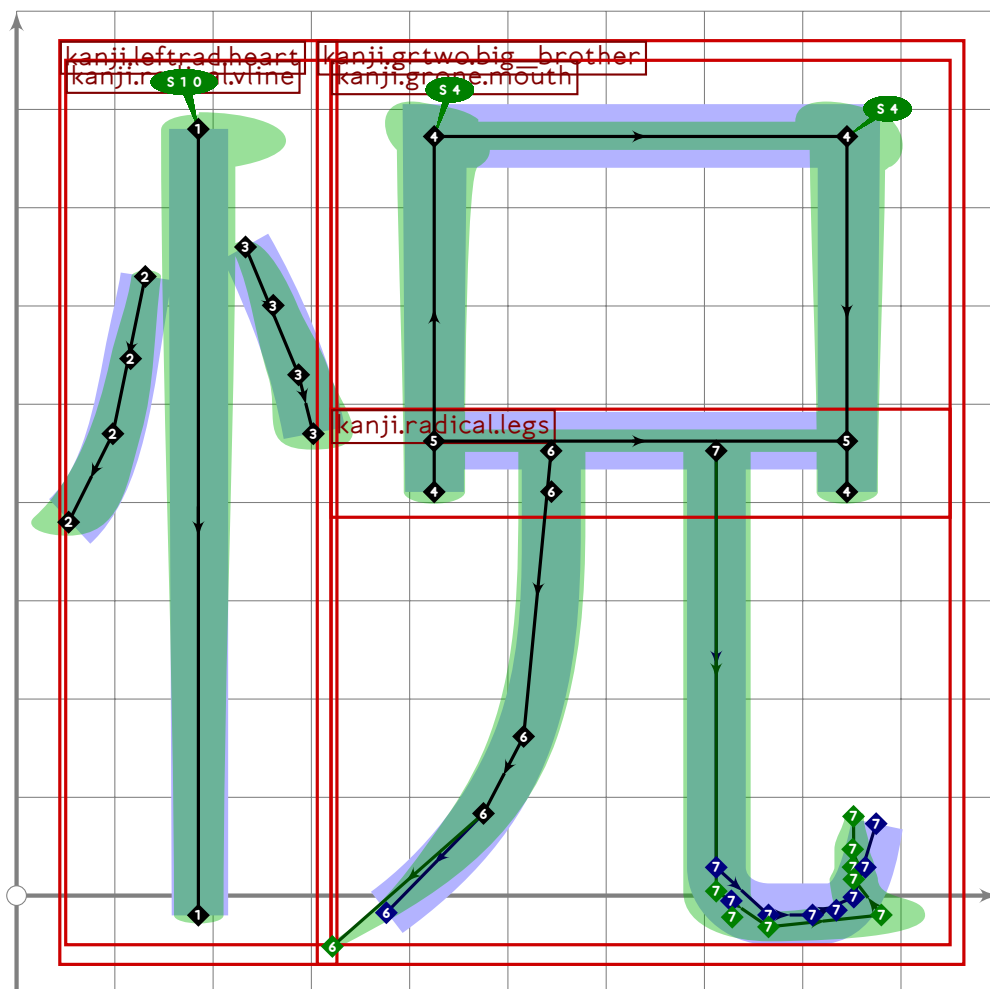


```

367 % extra
368 begintsuglyph("uni6031";49);
369   build_kanji.level(build_kanji.tb(420,50)
370     (kanji.radical.crossed_must_not)
371     (kanji.bottomrad.heart));
372   tsu_render;
373 endtsuglyph;
374

```

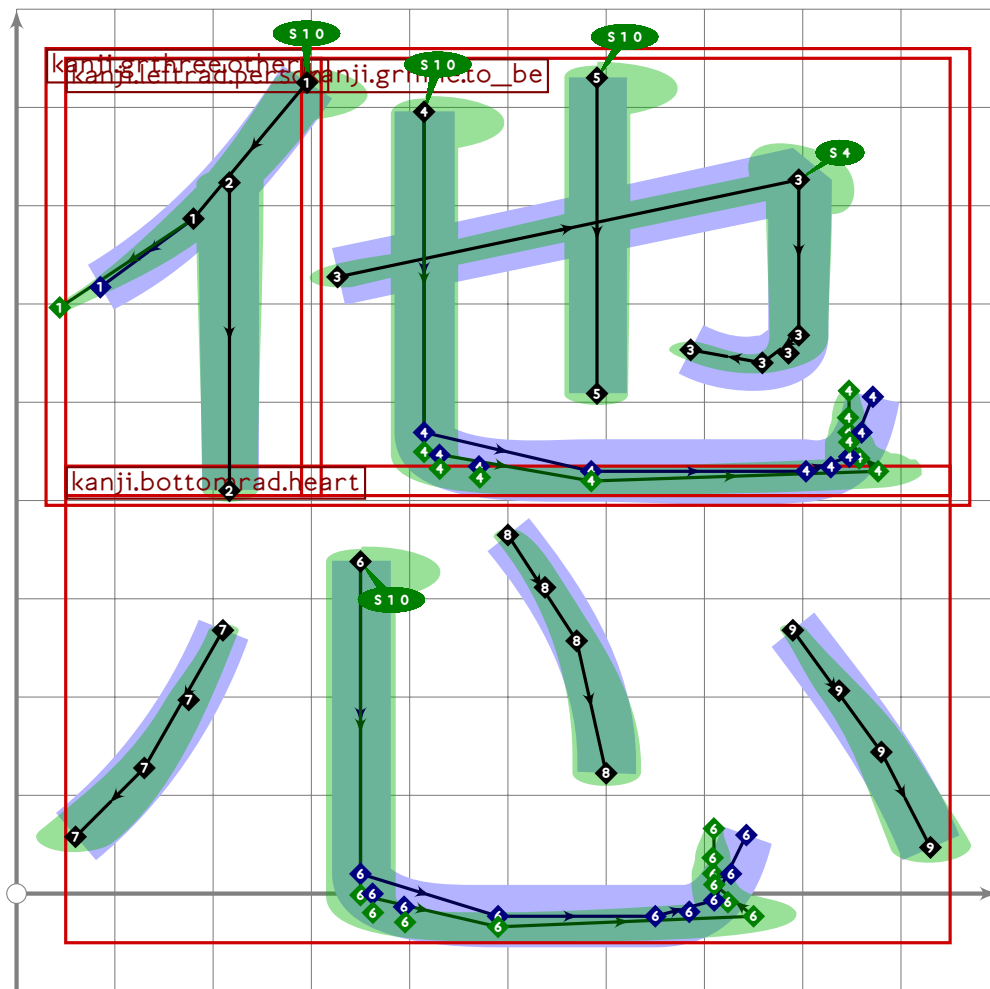
U+6033  
tsuku.uni6033



```

375 % extra
376 begintsuglyph("uni6033",51);
377   build_kanji.level(build_kanji.lr(320,0)
378     (kanji.leftrad.heart)
379     (kanji.grtwo.big_brother));
380   tsu_render;
381 endtsuglyph;
382

```

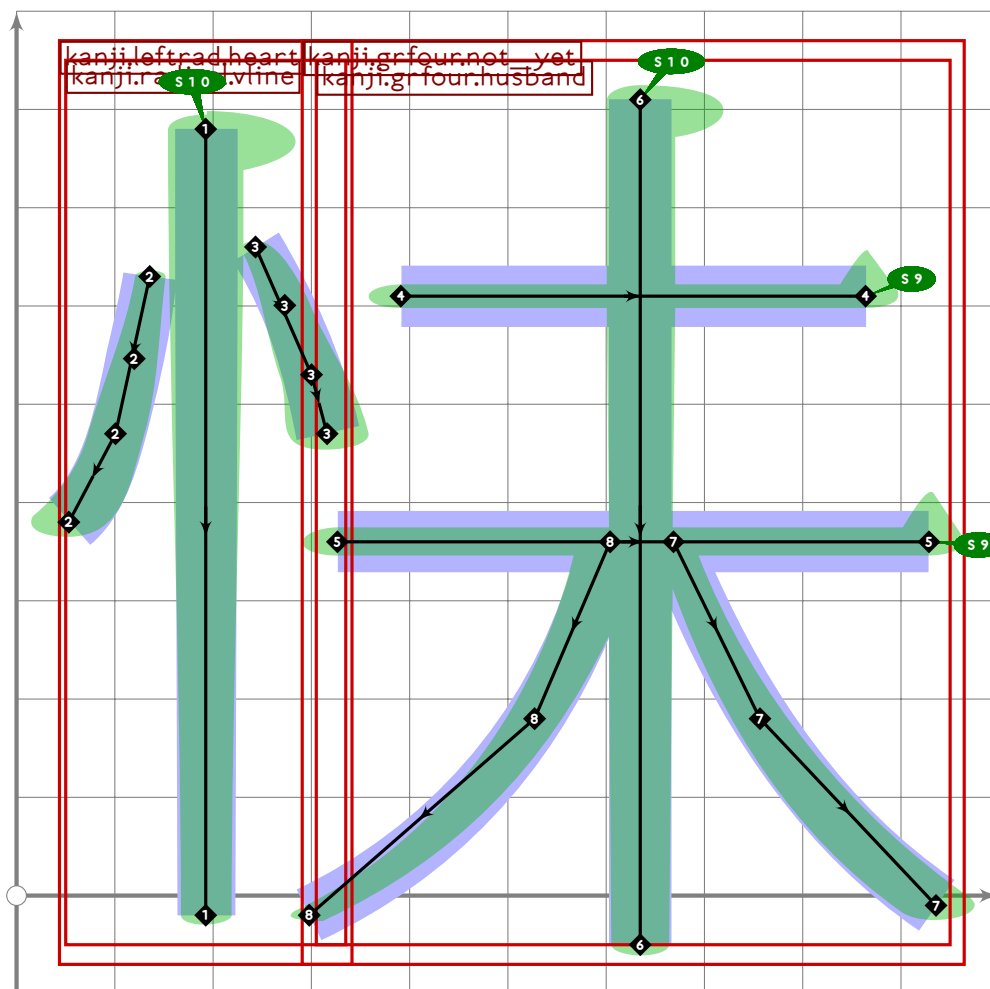


```

383 % extra
384 begint Suglyph("uni6039";57);
385   build_kanji.level(build_kanji.tb(420,30)
386     (kanji.grthree.other)
387     (kanji.bottomrad.heart));
388   tsu_render;
389 endtsuglyph;
390

```

U+603D  
tsuku.uni603D

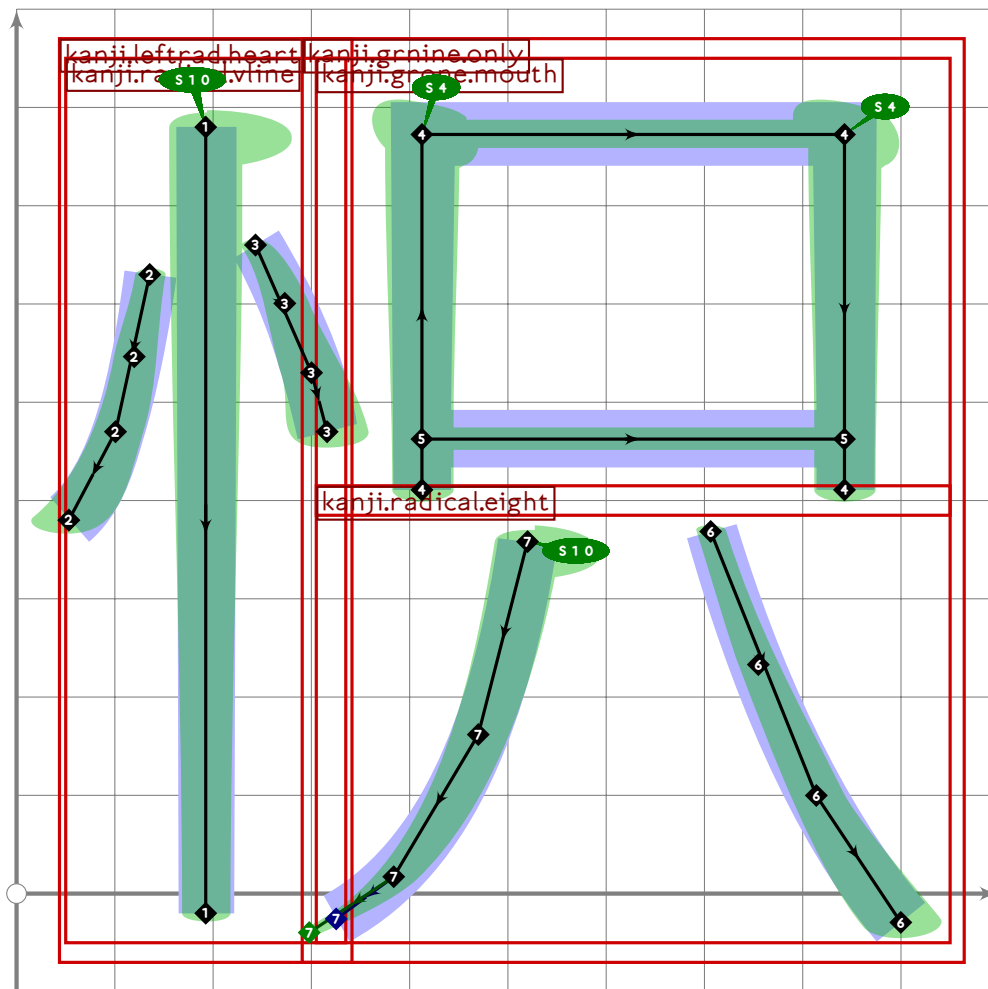


```

391 % extra
392 begintsuglyph("uni603D";61);
393   build_kanji.level(build_kanji.lr(320,30)
394     (kanji.leftrad.heart)
395     (kanji.grfour.not_yet));
396   tsu_render;
397 endtsuglyph;
398

```



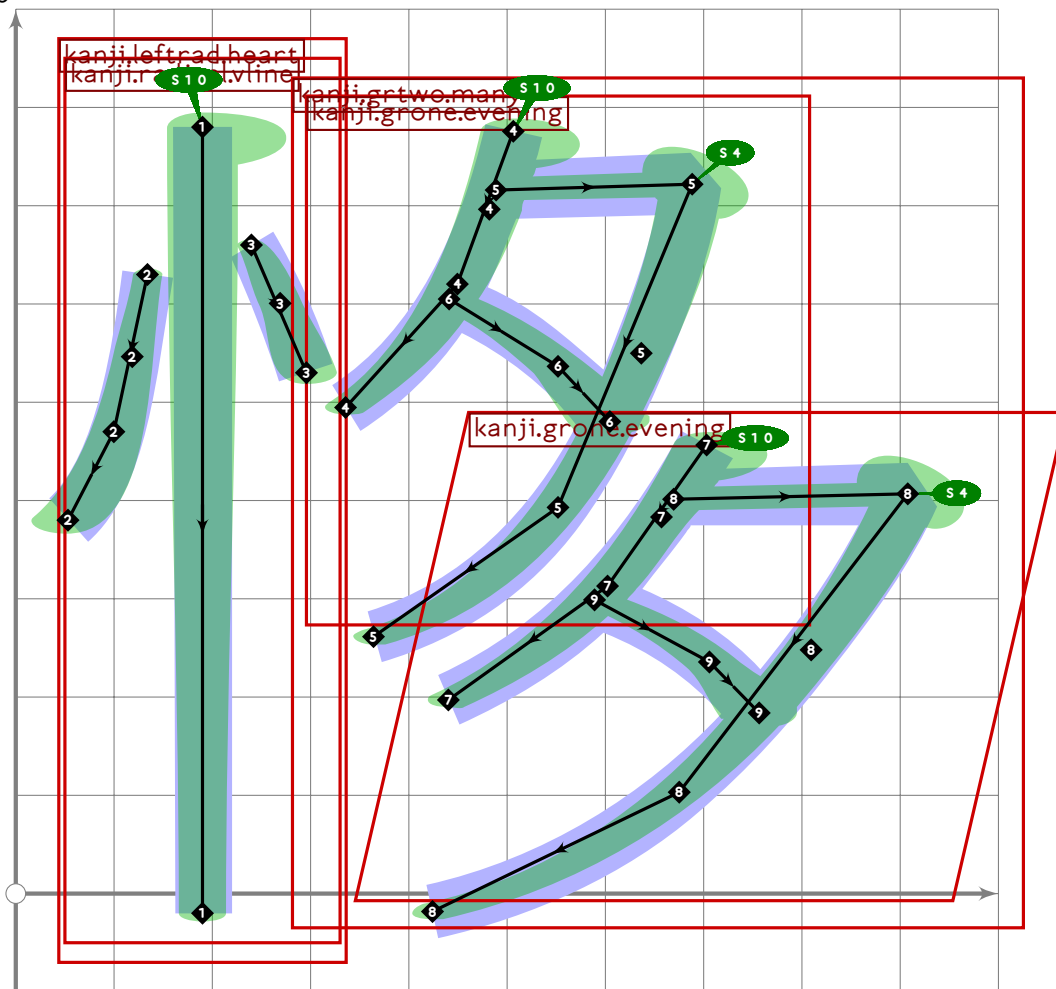


```

399 % extra
400 begintsuglyph("uni603E";62);
401   build_kanji.level(build_kanji.lr(320,30)
402     (kanji.leftrad.heart)
403     (kanji.grnine.only));
404   tsu_render;
405 endtsuglyph;
406

```

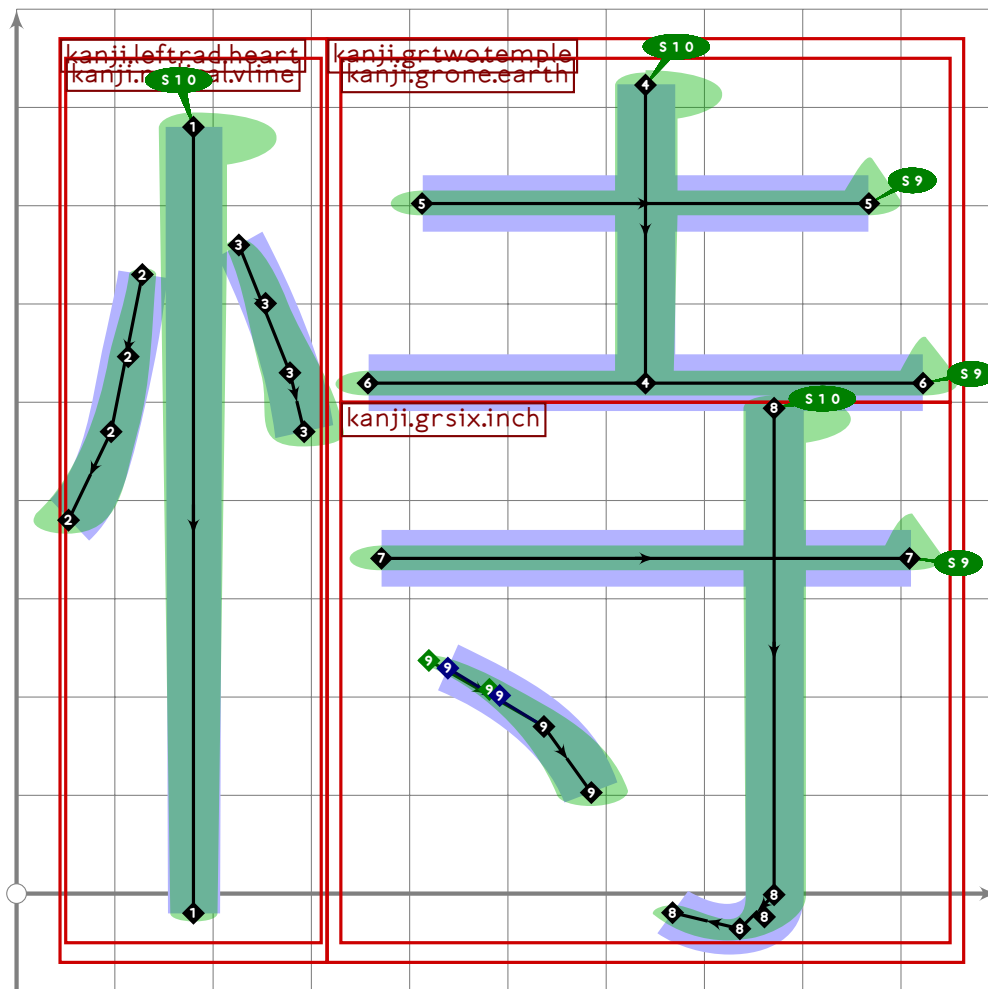
U+6040  
tsuku.uni6040



```

407 % extra
408 begintsuglyph("uni6040";64);
409   build_kanji.level(build_kanji.lr(320,20)
410     (kanji.leftrad.heart;
411       replace_strokep(0)(subpath (0,1) of oldp);
412       replace_strokeq(0)(subpath (0,1) of oldq))
413     (build_kanji.sscale(yscaled 0.92 shifted (0,-20))(kanji.grtwo.many)));
414   tsu_render;
415 endtsuglyph;
416

```

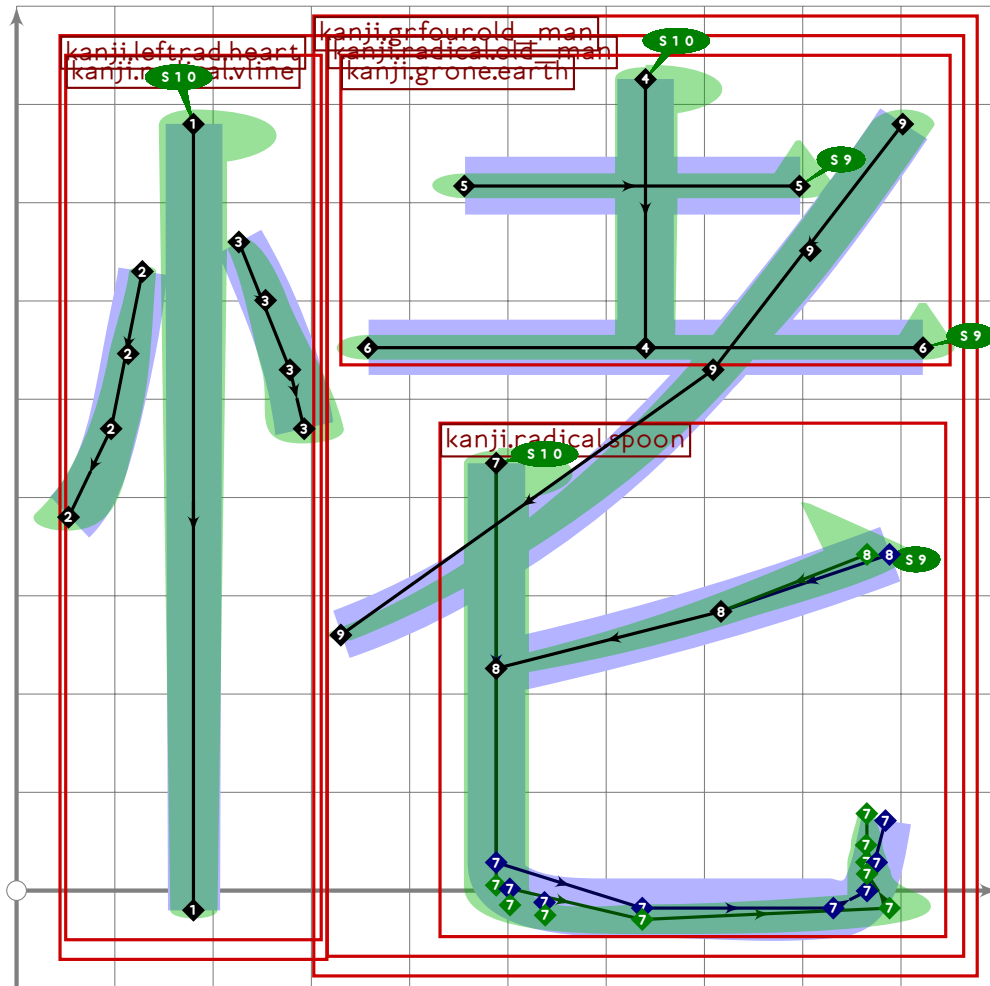


```

417 % extra
418 begintsuglyph("uni6043",67);
419   build_kanji.level(build_kanji.lr(320;20)
420     (kanji.leftrad.heart)
421     (kanji.grtwo.temple));
422   tsu_render;
423 endtsuglyph;
424

```

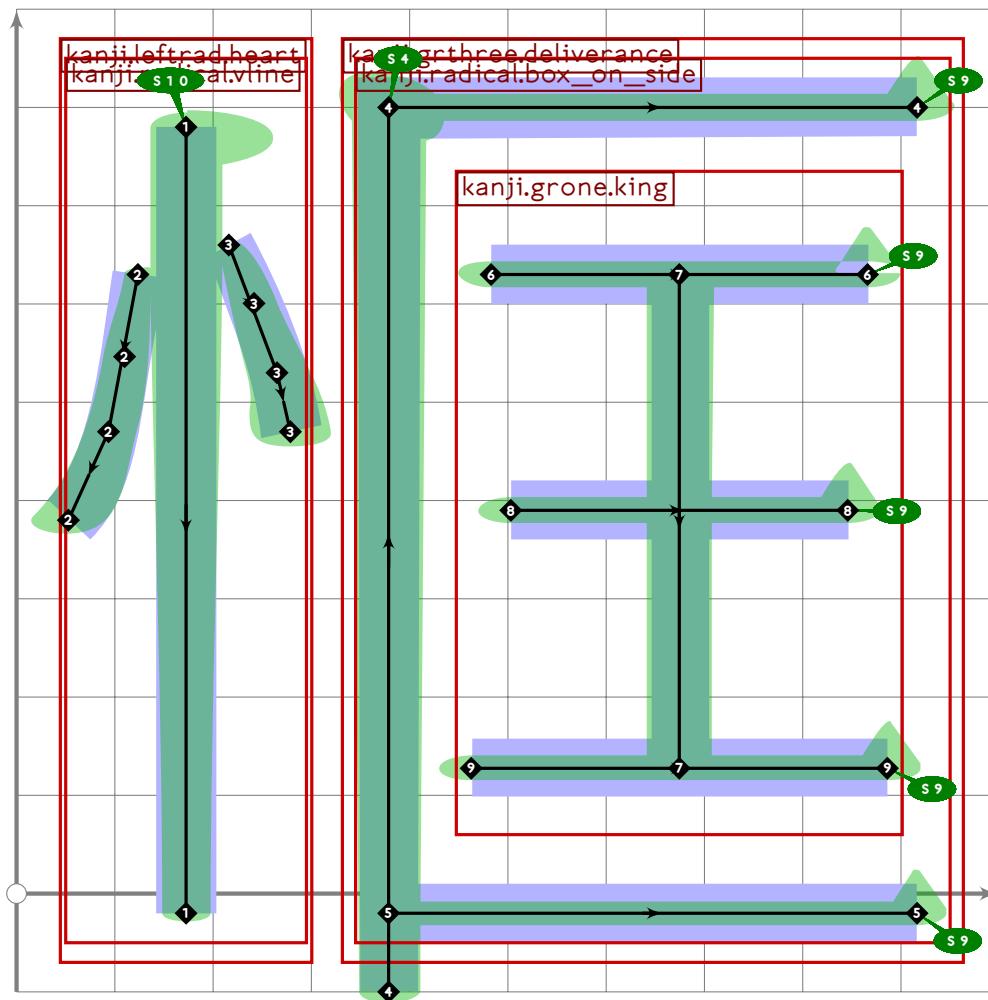
U+6045  
tsuku.uni6045



```

425 % extra
426 begintsuglyph("uni6045";69);
427   build_kanji.level(build_kanji.lr(320;20)
428     (kanji.leftrad.heart)
429     (kanji.grfour.old_man));
430   tsu_render;
431 endtsuglyph;
432

```

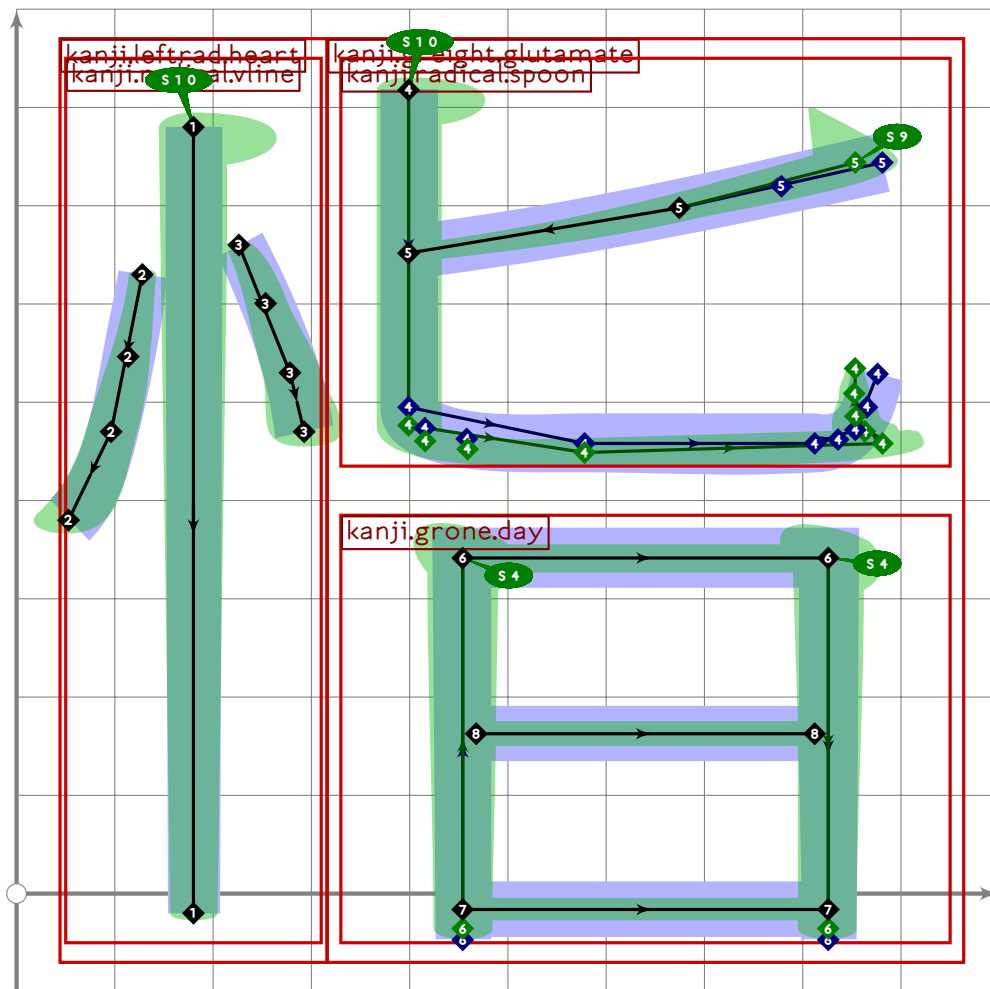


```

433 % extra
434 begintsuglyph("uni6047";71);
435   build_kanji.level(build_kanji.lr(320;-50)
436     (kanji.leftrad.heart)
437     (kanji.grnine.deliverance));
438   tsu_render;
439 endtsuglyph;
440

```

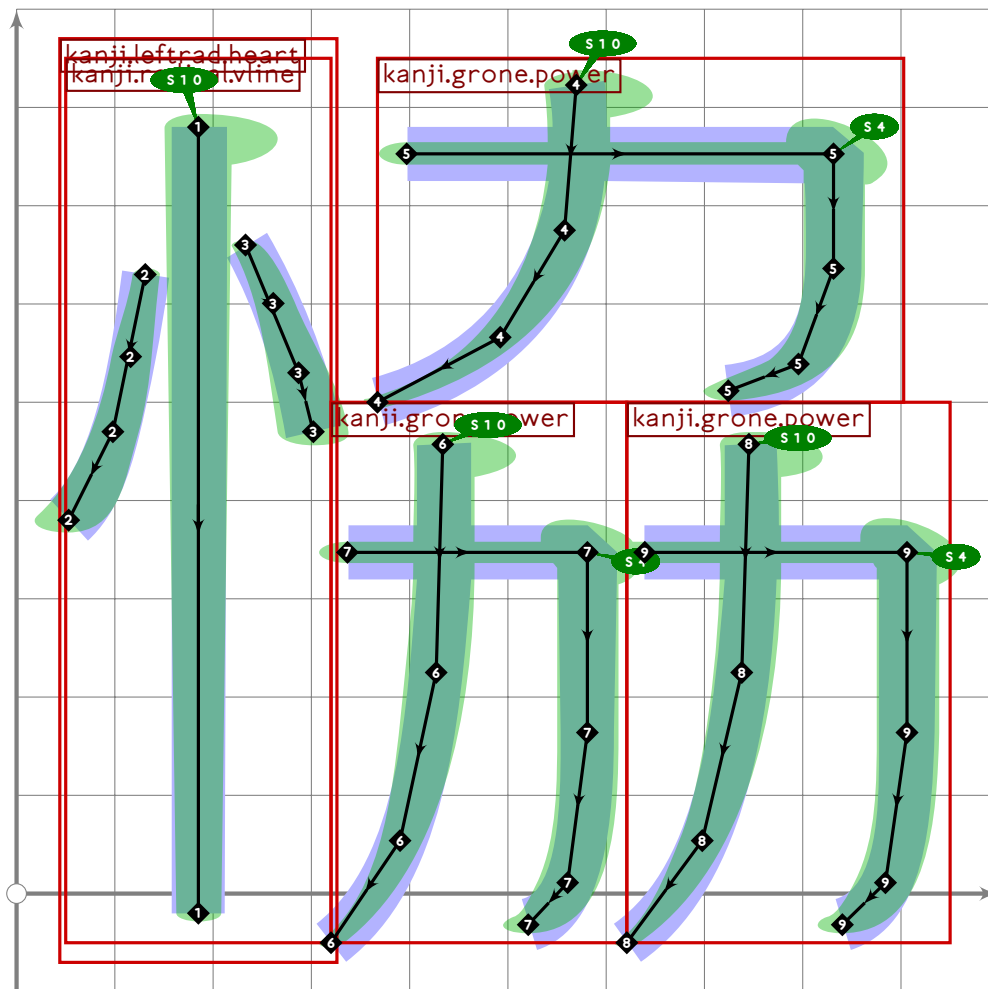
U+6049  
tsuku.uni6049



```

441 % extra
442 begintsuglyph("uni6049";73);
443   build_kanji.level(build_kanji.lr(320;20)
444     (kanji.leftrad.heart)
445     (kanji.greight.glutamate));
446   tsu_render;
447 endtsuglyph;
448

```



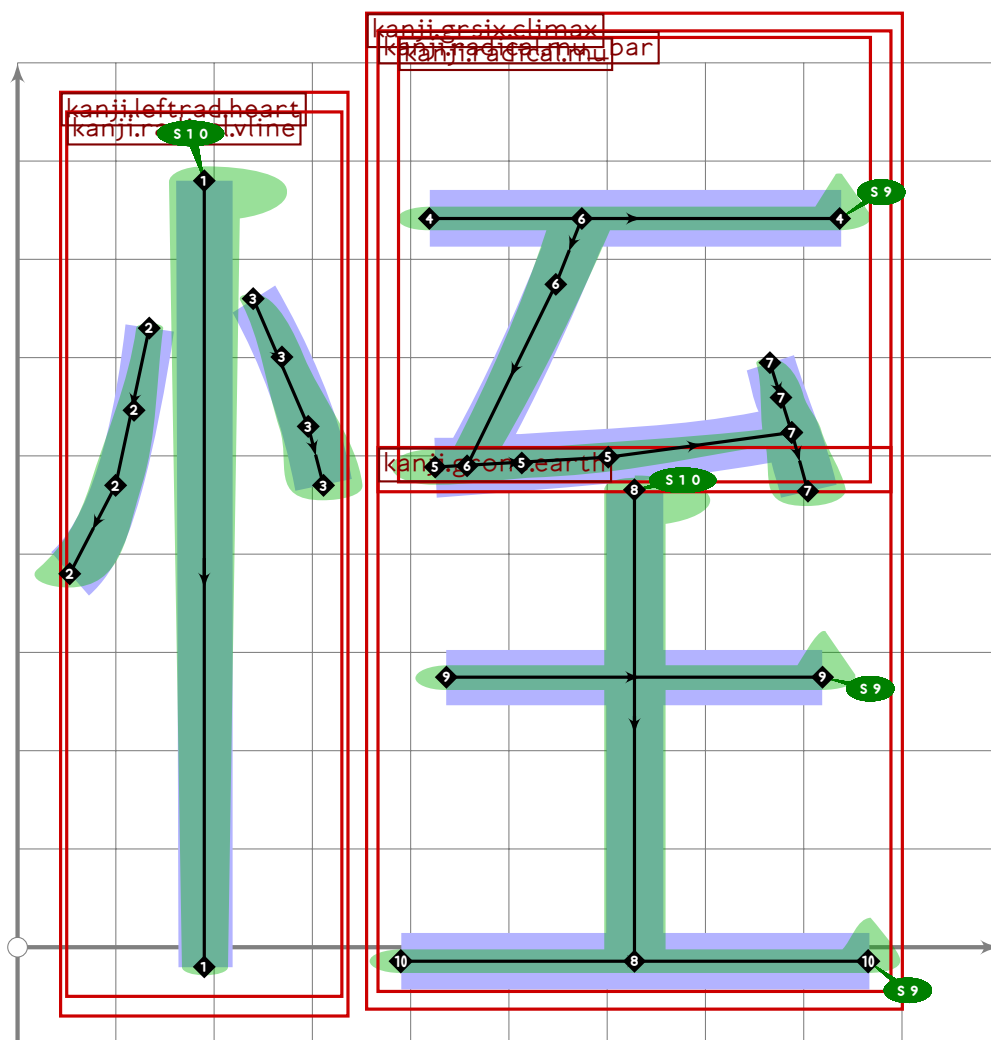
```

449 % extra
450 begintsuglyph("uni604A";74);
451   build_kanji.level(build_kanji.lr(320,0)
452     (kanji.leftrad.heart)
453     (build_kanji.tricluster(0.85)
454       (kanji.grone.power)
455       (kanji.grone.power)
456       (kanji.grone.power)));
457   tsu_render;
458 endtsuglyph;
459
460 % koi/ren "love" ("take" side of "give and take")
461 begintsuglyph("uni604B";75);
462   kanji.greight.desire;
463   tsu_render;
464 endtsuglyph;
465

```

[see page 2181]

U+604E  
tsuku.uni604E

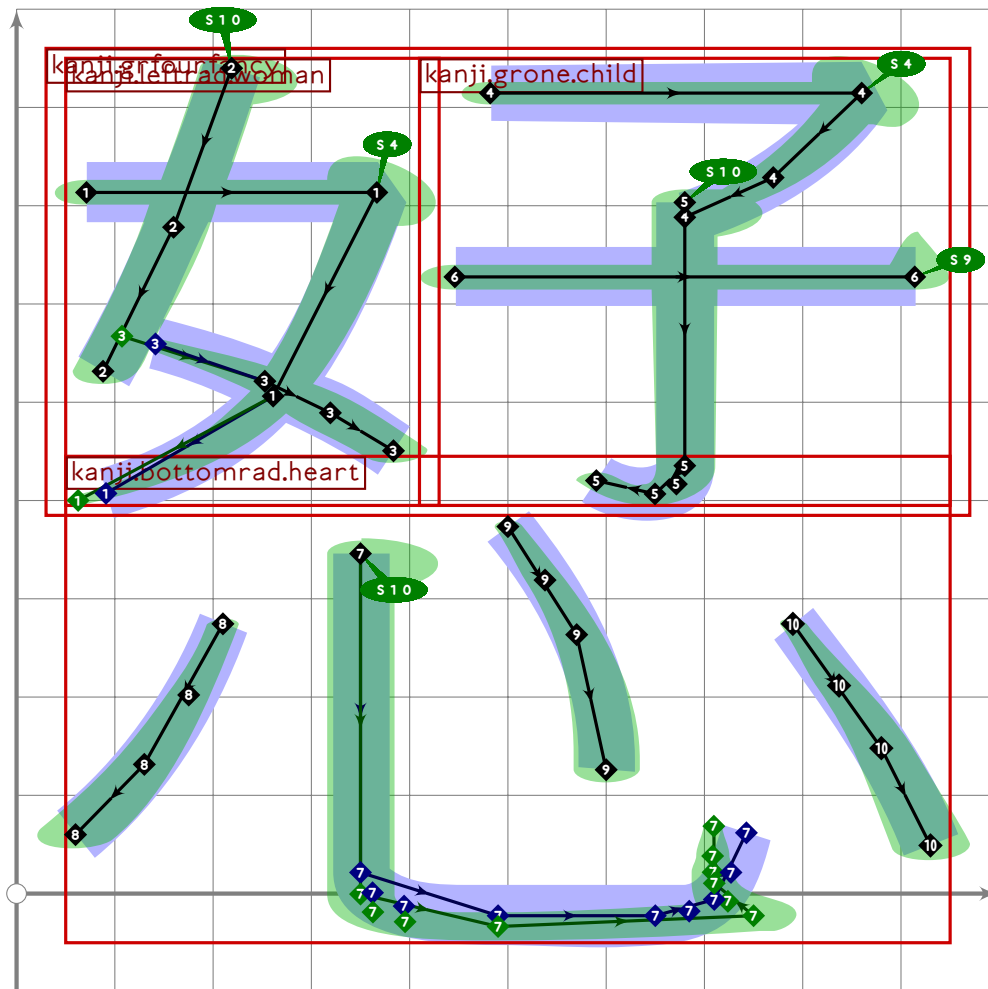


```

466 % extra
467 begintsuglyph("uni604E";78);
468   build_kanji.level(build_kanji.lr(350,-40)
469     (kanji.leftrad.heart)
470     (tsu_xform(identity scaled 0.9)(kanji.grsix.climax)));
471   tsu_render;
472 endtsuglyph;
473

```



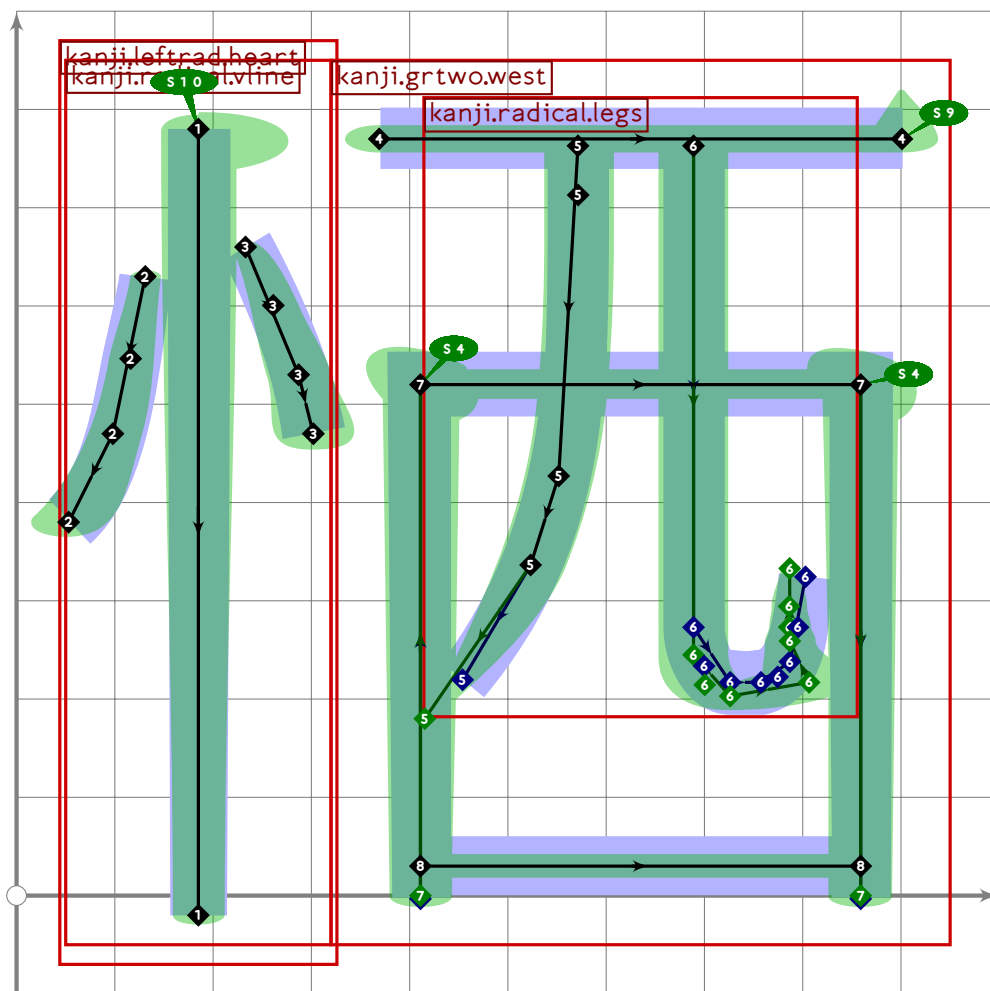


```

474 % extra
475 beginsuglyph("uni604F";79);
476   build_kanji.level(build_kanji.tb(420,50)
477     (kanji.grfour.fancy)
478     (kanji.bottomrad.heart));
479   tsu_render;
480 endtsuglyph;
481

```

U+6053  
tsuku.uni6053



```

482 % extra
483 begintsuglyph("uni6053";83);
484   build_kanji.level(build_kanji.lr(320,0)
485     (kanji.leftrad.heart)
486     (kanji.grtwo.west));
487   tsu_render;
488 endtsuglyph;
489
490 % soku/iki "breath"
491 begintsuglyph("uni606F";111);
492   kanji.grthree.breath;
493   tsu_render;
494 endtsuglyph;
495
496 % aku/waru "evil"
497 begintsuglyph("uni60AA";170);
498   kanji.grthree.evill;
499   tsu_render;
500 endtsuglyph;
501
502 % hi/kana "sad"

```

[see page 2173]

[see page 2175]

```

503 begintsuglyph("uni60B2";178); [see page 2177]
504   kanji.grthree.sad;
505   tsu_render;
506 endtsuglyph;
507
508 % jou/nasa "feelings"
509 begintsuglyph("uni60C5";197); [see page 2178]
510   kanji.grfive.feelings;
511   tsu_render;
512 endtsuglyph;
513
514 % sou/omo "concept"
515 begintsuglyph("uni60F3";243); [see page 2174]
516   kanji.grthree.concept;
517   tsu_render;
518 endtsuglyph;
519
520 

---


521
522 endfont;
523
524 

---



```

## tsuku-61.mp

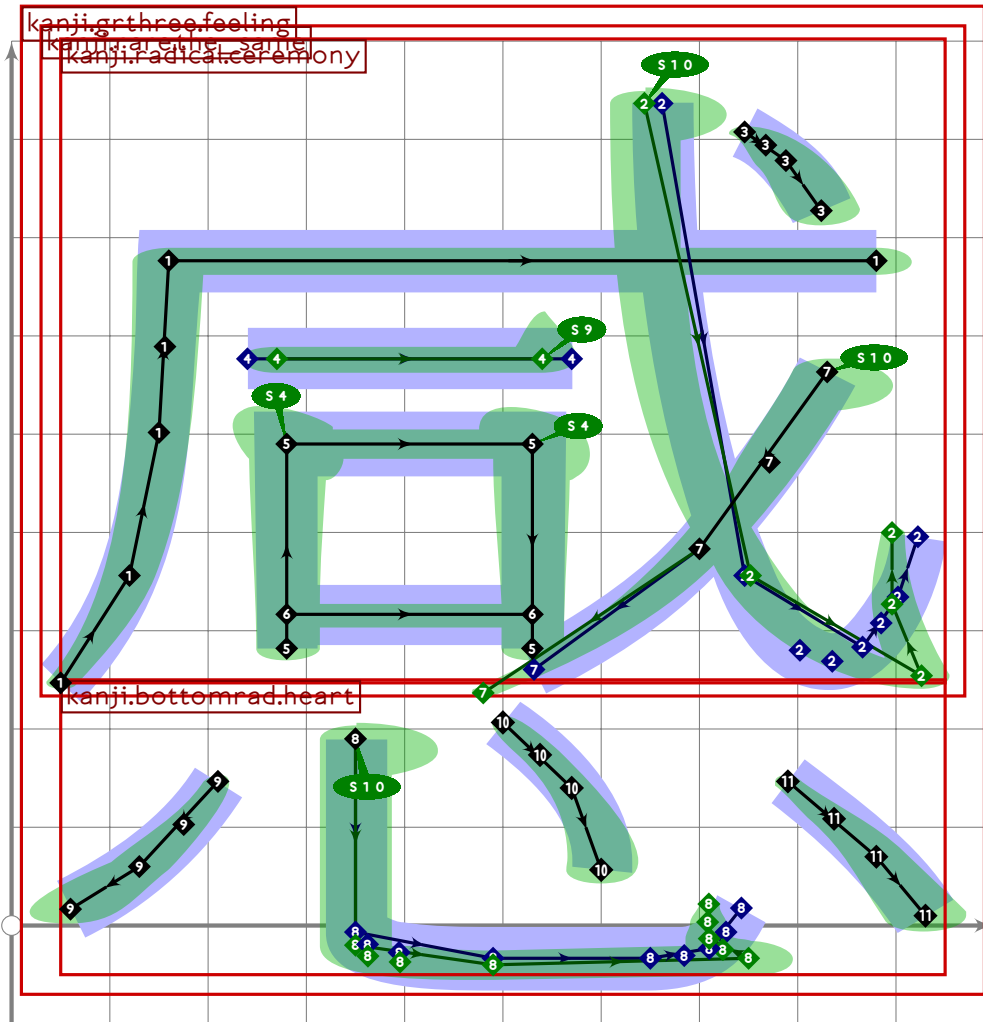
```
1 %
2 % Unicode page 61 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

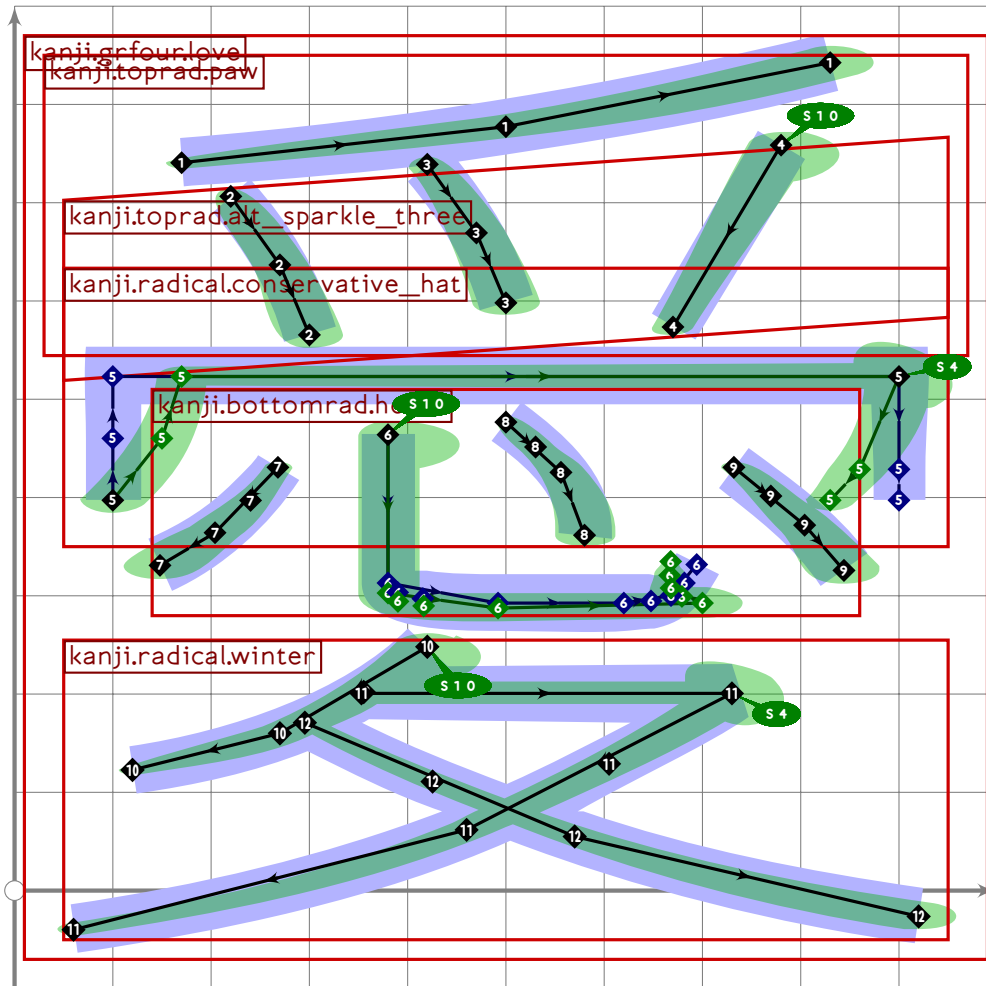

```



```

50
51 vardef kanji.grthree.feeling =
52   push_pbox_toexpand("kanji.grthree.feeling");
53   build_kanji.level(build_kanji.tb(250,0)
54     (kanji.rare.the_same)
55     (kanji.bottomrad.heart));
56   expand_pbox;
57 enddef;
58
59

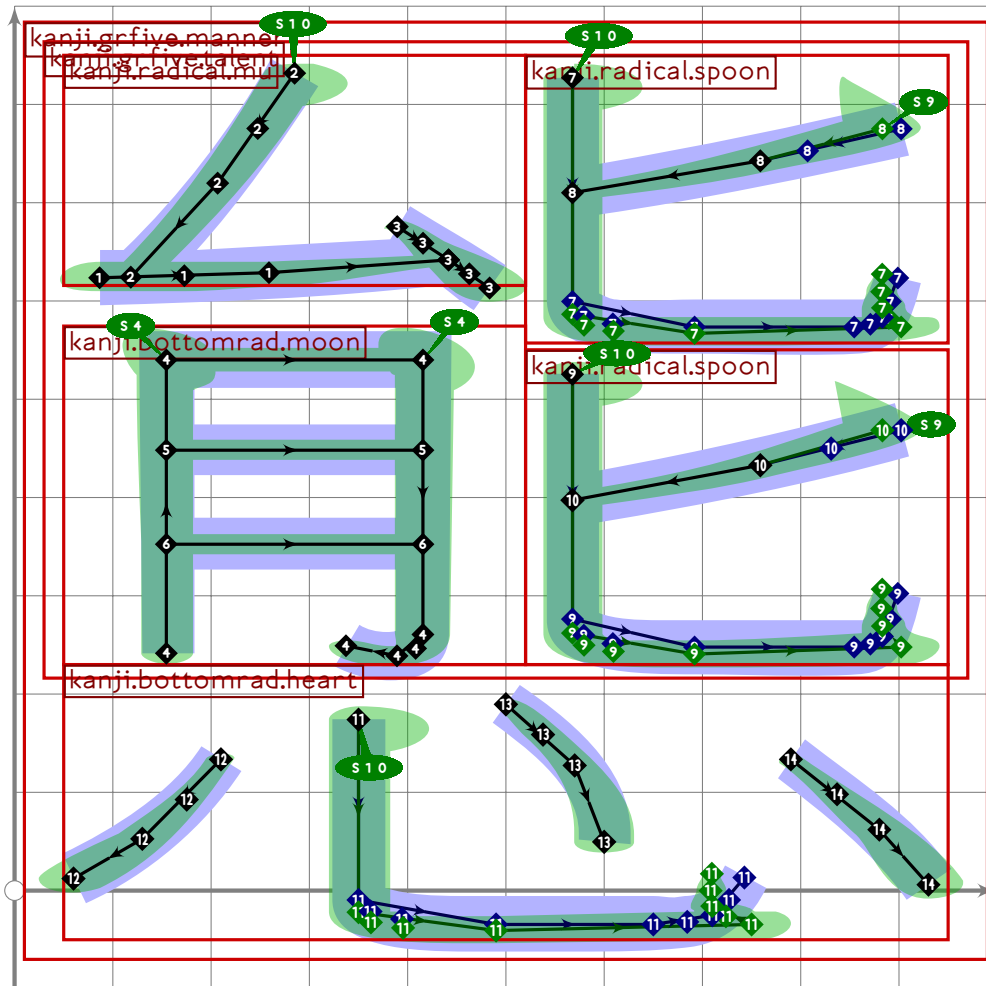
```



```

60
61 vardef kanji.grfour.love =
62   push_pbox_toexpand("kanji.grfour.love");
63   build_kanji.level(build_kanji.tb(430,160)
64     (build_kanji.tb(380,160)
65       (kanji.toprad.paw)
66       (kanji.radical.conservative_hat))
67     (build_kanji.tb(460,-40)
68       (build_kanji.sscale(xscaled 0.8)(kanji.bottomrad.heart))
69       (kanji.radical.winter)));
70   expand_pbox;
71 enddef;
72
73

```

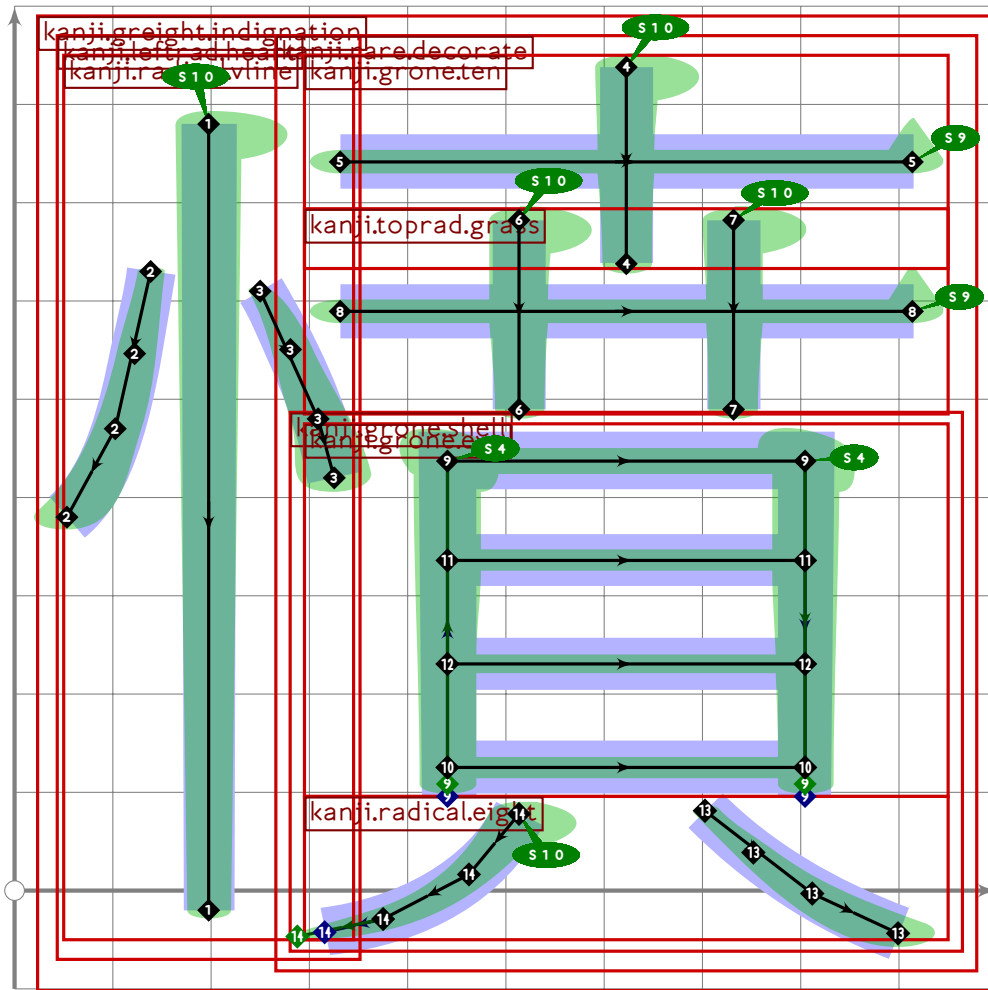


```

74
75 vardef kanji.grfive.manner =
76   push_pbox_toexpand("kanji.grfive.manner");
77   build_kanji.level(build_kanji.tb(230,0)
78     (kanji.grfive.talent)
79     (kanji.bottomrad.heart));
80   expand_pbox;
81 enddef;
82
83

```

U+61A4  
tsuku.uni61A4



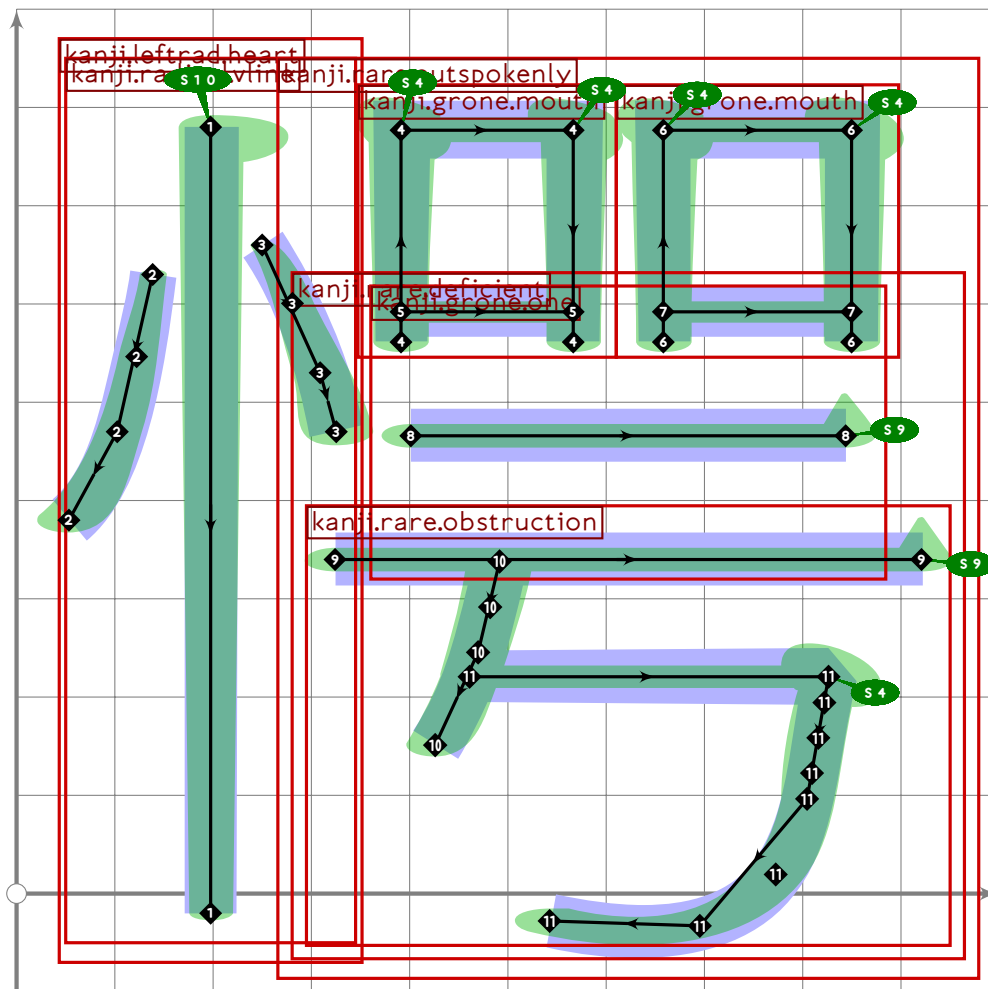
```

84
85 vardef kanji.greight.indignation =
86   push_pbox_toexpand("kanji.greight.indignation");
87   build_kanji.level(build_kanji.lr(320,50)
88     (kanji.leftrad.heart;
89     replace_strokep(0)(oldp shifted (0,-50)))
90     (kanji.rare.decorate));
91   expand_pbox;
92 enddef;
93
94
95
96 % i/moto "intention"
97 begintsuglyph("uni610F",15);
98   kanji.grthree.intention;
99   tsu_render;
100 endtsuglyph;
101

```

[see page 577]





```

102 % gaku/odoro "surprised"
103 begintsuglyph("uni6115";21);
104   build_kanji.level(build_kanji.lr(320,50)
105     (kanji.leftrad.heart)
106     (kanji.rare.outspokenly));
107   tsu_render;
108 endtsuglyph;
109
110 % ai/ito "romantic love"
111 begintsuglyph("uni611B";27);
112   kanji.grfour.love;
113   tsu_render;
114 endtsuglyph;
115
116 % kan "feeling"
117 begintsuglyph("uni611F";31);
118   kanji.grthree.feeling;
119   tsu_render;
120 endtsuglyph;
121
122 % tai/waza "manner"

```

[see page 2222]

[see page 2221]

```

123 begintsuglyph("uni614B",75); [see page 2223]
124   kanji.grfive.manner;
125   tsu_render;
126 endtsuglyph;
127
128 % yuu/ure "melancholy"
129 begintsuglyph("uni6182",130); [see page 750]
130   kanji.greight.melancholy;
131   tsu_render;
132 endtsuglyph;
133
134 % fun/ikidoo "indignation"
135 begintsuglyph("uni61A4",164); [see page 2224]
136   kanji.greight.indignation;
137   tsu_render;
138 endtsuglyph;
139
140 

---


141
142 endfont;
143
144 

---



```