

作りましょう 0.11

パラメタ方式フォントファミリ  
校とプリティプリントのソース

Tsukurimashou 0.11

Parametric Font Family  
Proofs and pretty-printed  
source code

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Proofs and pretty-printed source code for Tsukurimashou  
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# Volume VII

U+4E00 to U+56FF

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**4E**

tsuku-4f.mp

**4F**

tsuku-50.mp

**50**

tsuku-51.mp

**51**

tsuku-52.mp

**52**

tsuku-53.mp

**53**

tsuku-54.mp

**54**

tsuku-55.mp

**55**

tsuku-56.mp

**56**



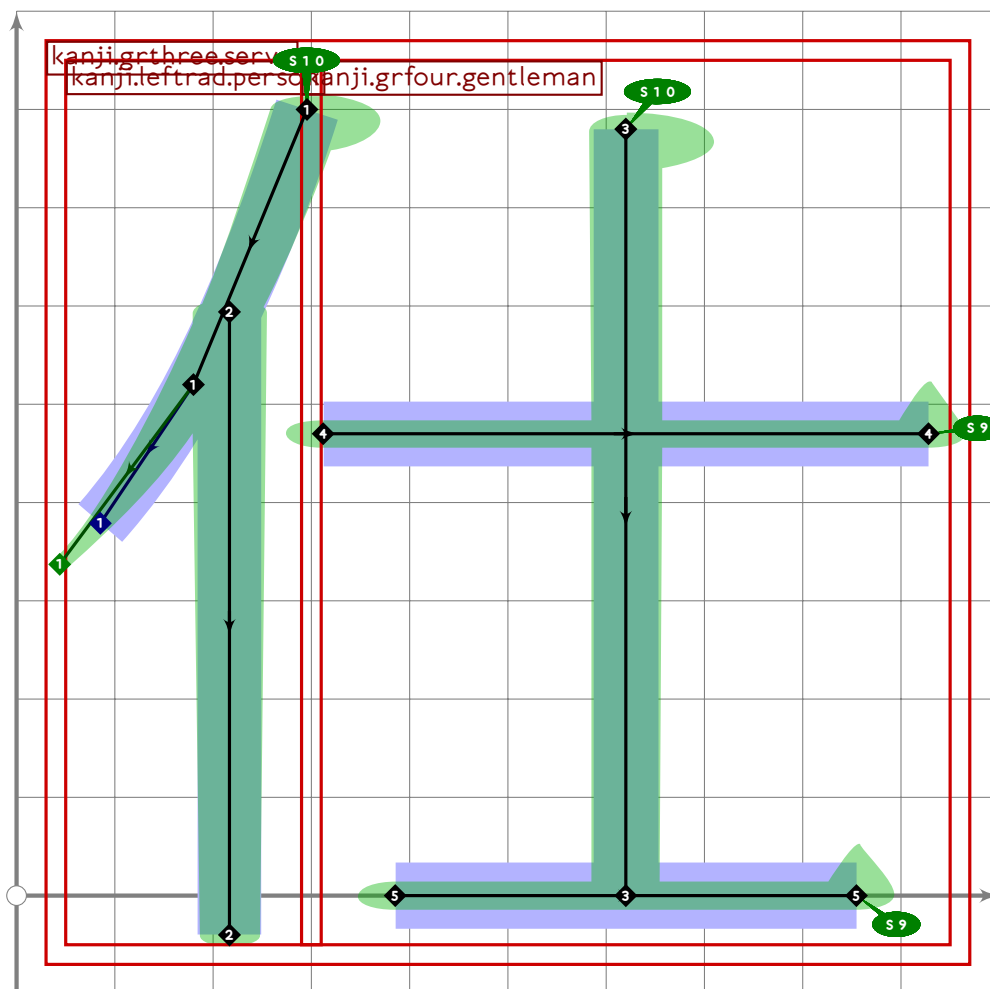
```
1 %
2 % Unicode page 4E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2018, 2019,
4 % 2021 Matthew Skala
5 %
6-30 [Standard copyright notice]
31
32 

---


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

---


```

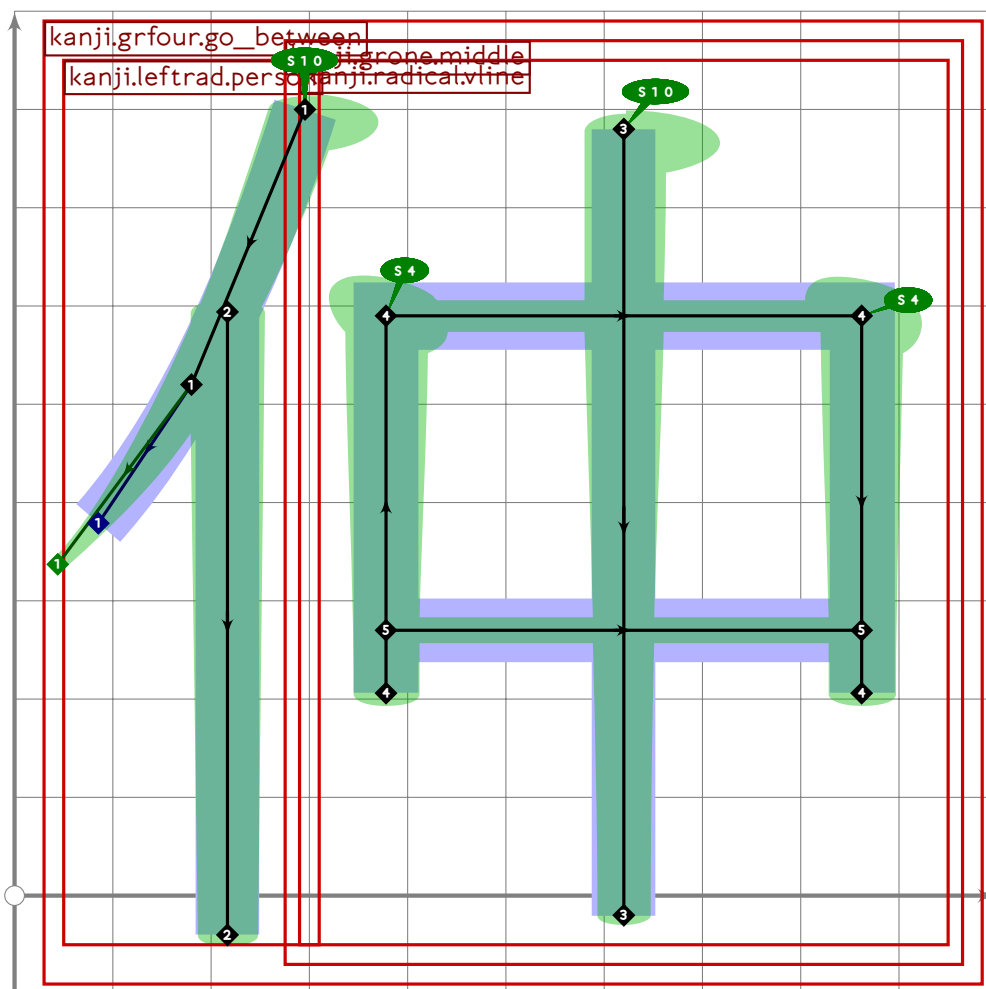


```

55
56 vardef kanji.grthree.serve =
57   push_pbox_toexpand("kanji.grthree.serve");
58   build_kanji.lr(300,20)
59     (kanji.leftrad.person)
60     (kanji.grfour.gentleman);
61   expand_pbox;
62 enddef;
63
64

```





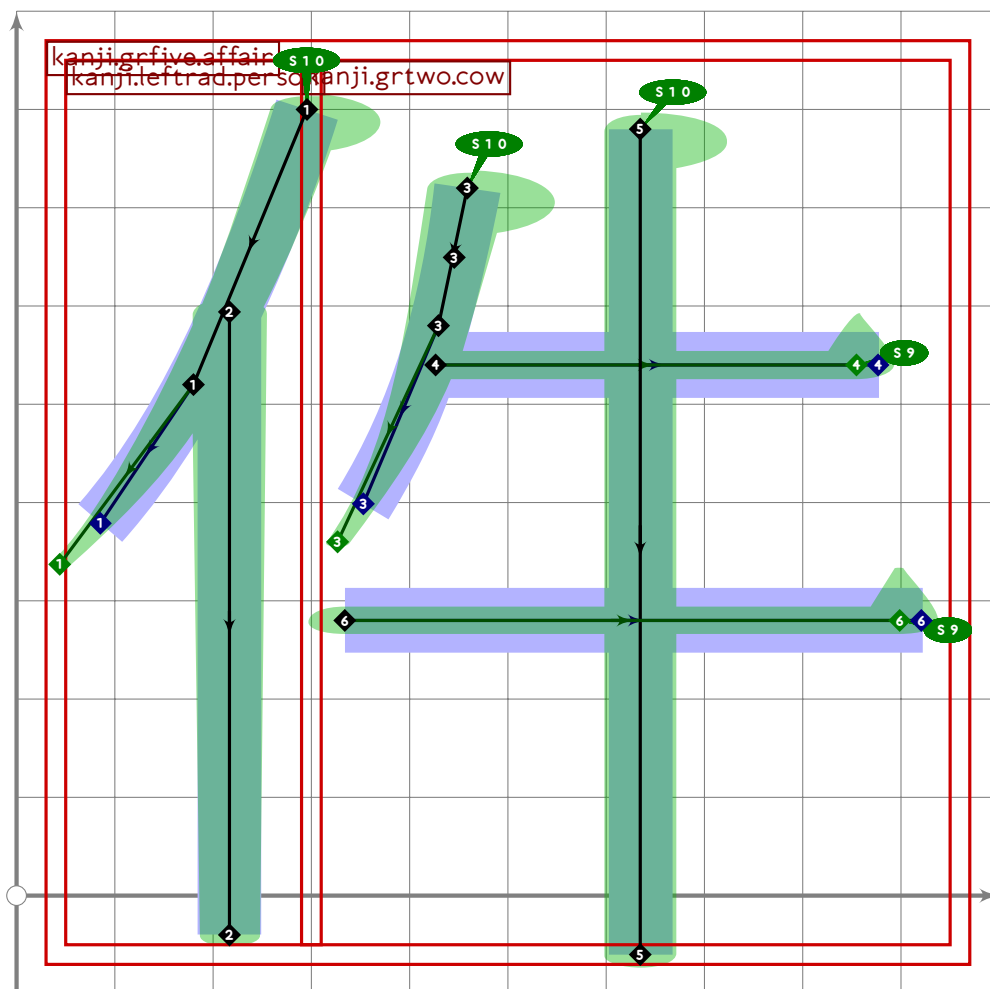
```

65
66 vardef kanji.grfour.go_between =
67   push_pbox_toexpand("kanji.grfour.go_between");
68   build_kanji.lr(300,20)
69   (kanji.leftrad.person)
70   (kanji.grone.middle);
71   expand_pbox;
72 enddef;
73
74

```

U+4EF6  
tsuku.uni4EF6

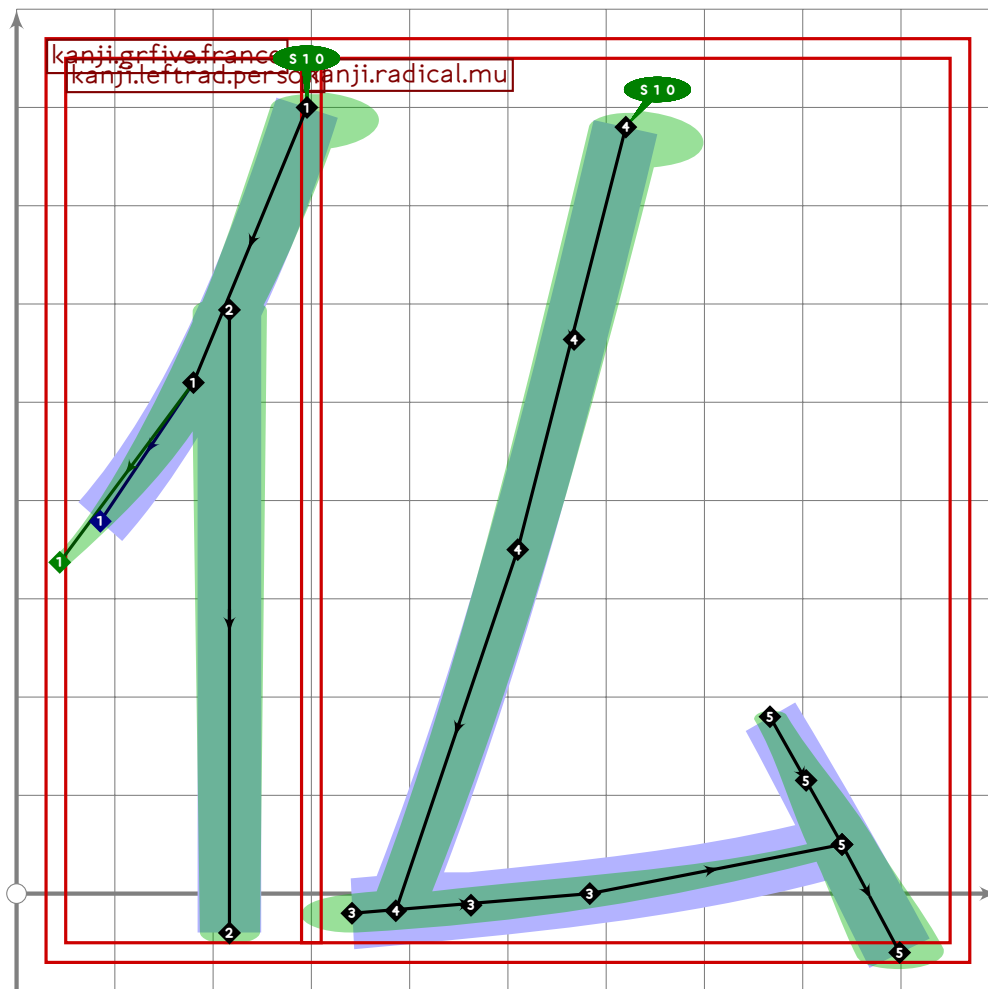
4E



```

75
76 vardef kanji.grfive.affair =
77   push_pbox_toexpand("kanji.grfive.affair");
78   build_kanji.lr(300,20)
79     (kanji.leftrad.person)
80     (kanji.grtwo.cow);
81   expand_pbox;
82 enddef;

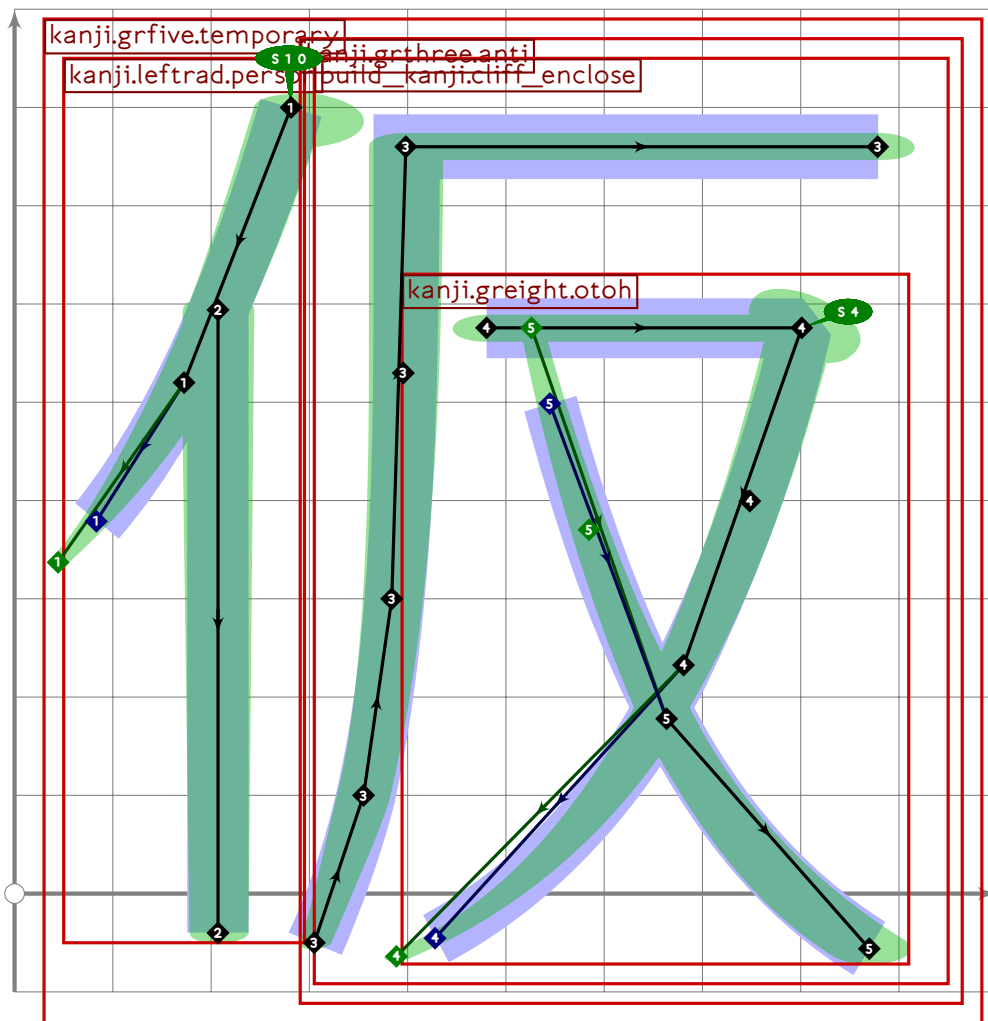
```



```

83
84 vardef kanji.grfive.france =
85   push_pbox_toexpand("kanji.grfive.france");
86   build_kanji.lr(300,20)
87     (kanji.leftrad.person)
88     (kanji.radical.mu);
89   expand_pbox;
90 enddef;

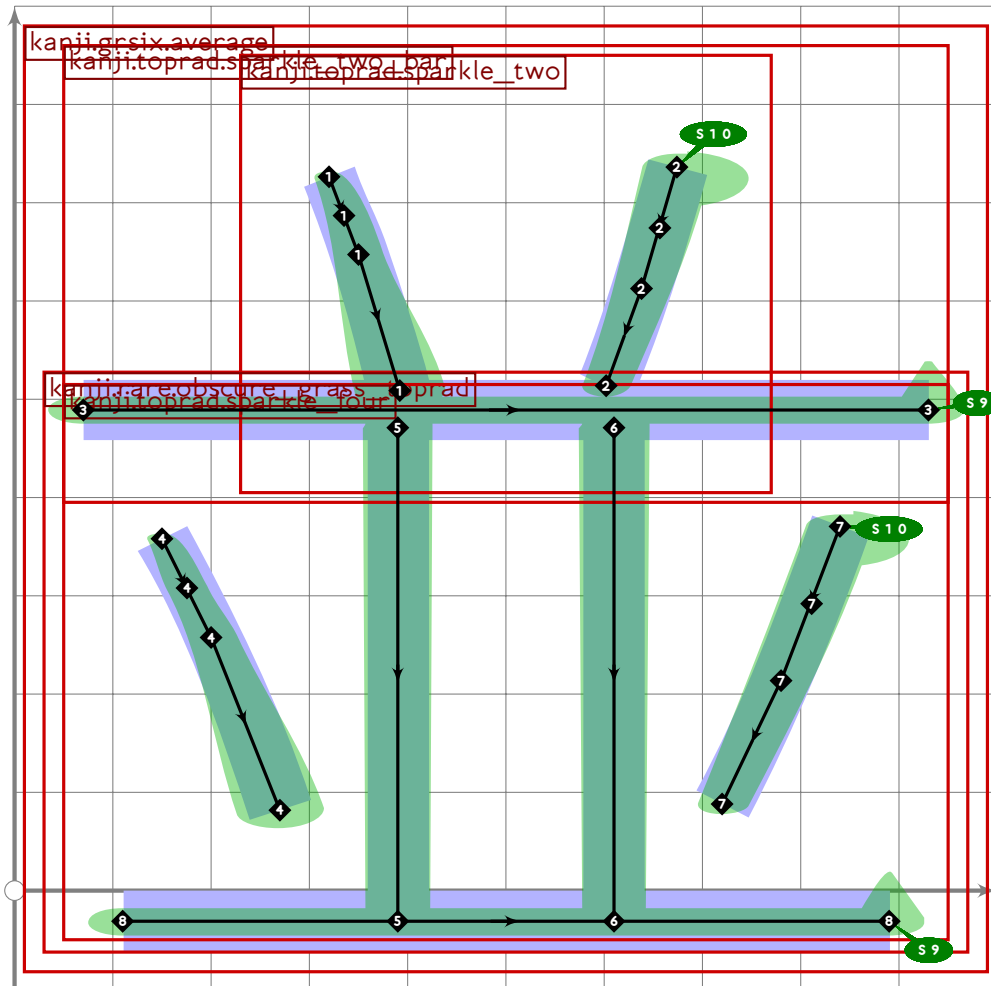
```



```

91
92 vardef kanji.grfive.temporary =
93   push_pbox_toexpand("kanji.grfive.temporary");
94   build_kanji.lr(300,-10)
95   (kanji.leftrad.person)
96   (kanji.grthree.anti);
97   expand_pbox;
98 enddef;
99
100

```



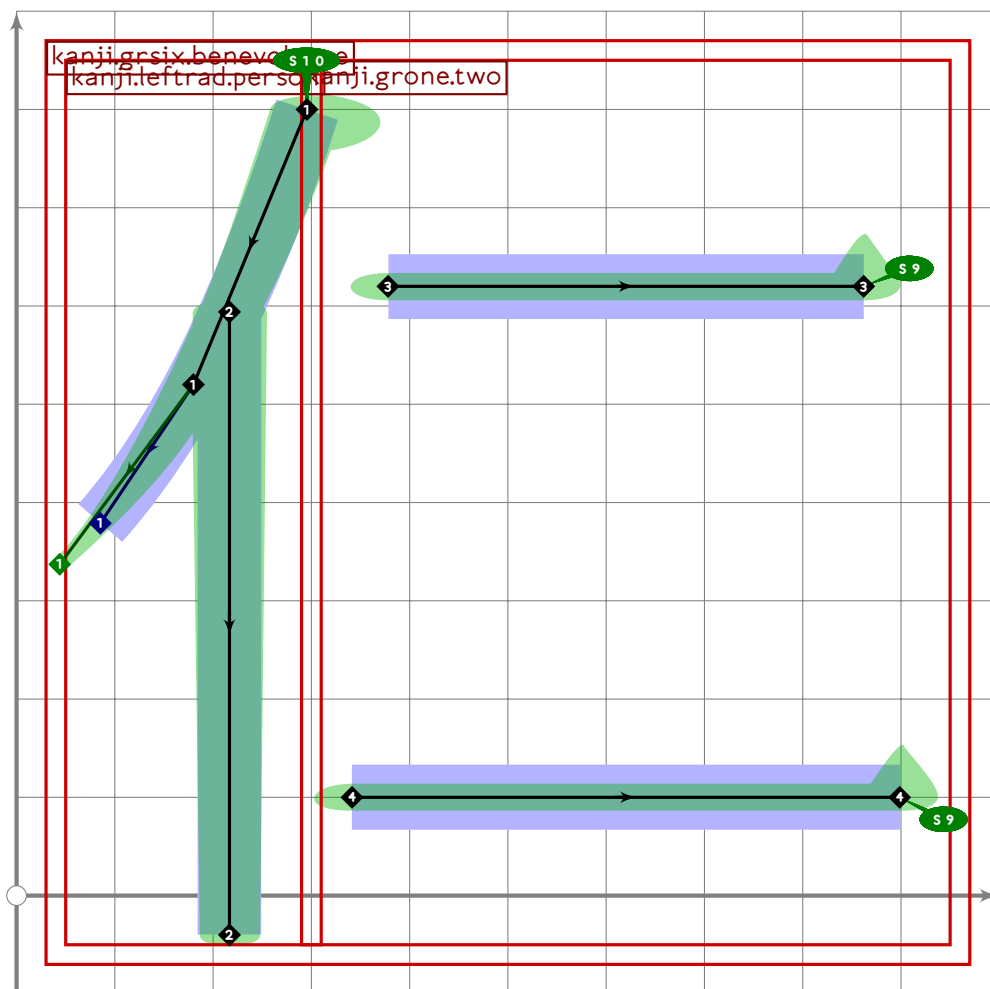
```

101
102 vardef kanji.grsix.average =
103   push_pbox_toexpand("kanji.grsix.average");
104   build_kanji.level(build_kanji.tb(460,110)
105     (kanji.toprad.sparkle_two_bar)
106     (kanji.rare.obscure_grass_toprad;
107       set_boserif(-2,0,whatever);
108       set_boserif(-3,0,whatever)));
109   expand_pbox;
110 enddef;

```

U+4EC1  
tsuku.uni4EC1

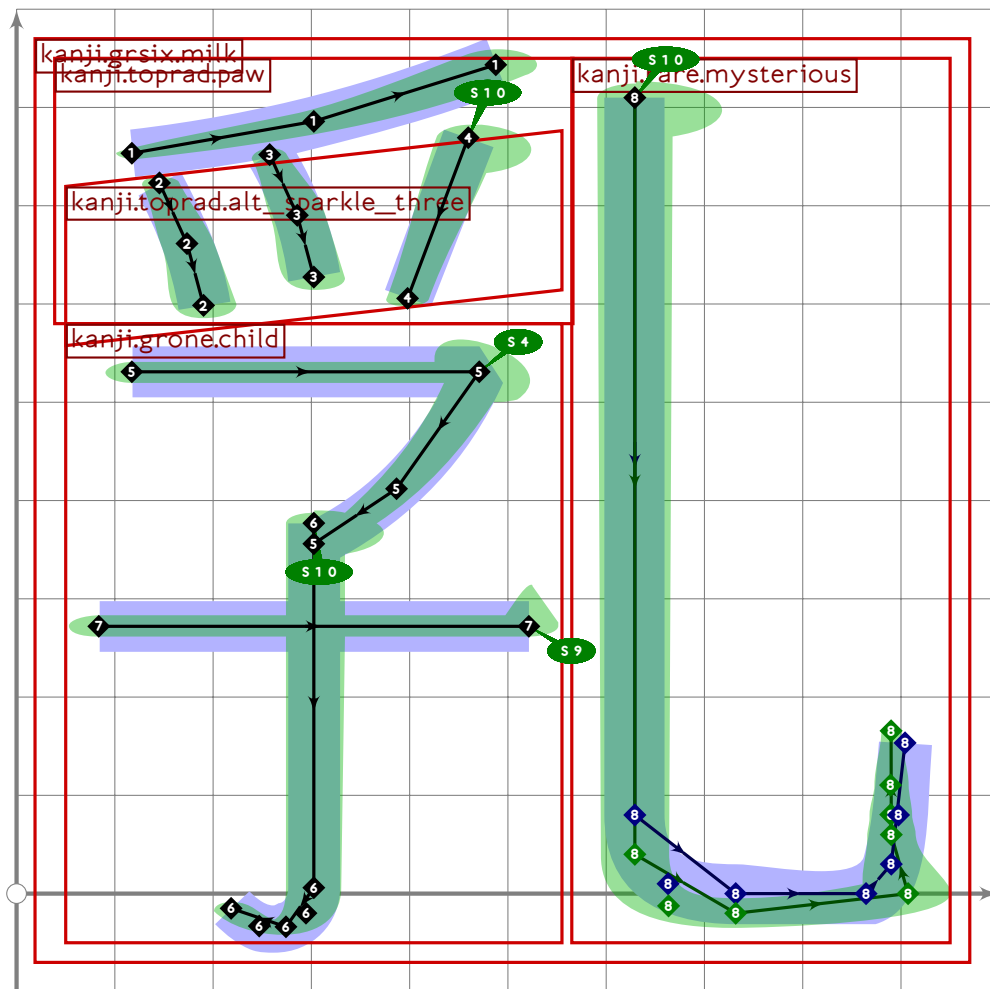
4E



```

111
112 vardef kanji.grsix.benevolence =
113   push_pbox_toexpand("kanji.grsix.benevolence");
114   build_kanji.lr(300,20)
115     (kanji.leftrad.person)
116     (kanji.grone.two);
117   expand_pbox;
118 enddef;

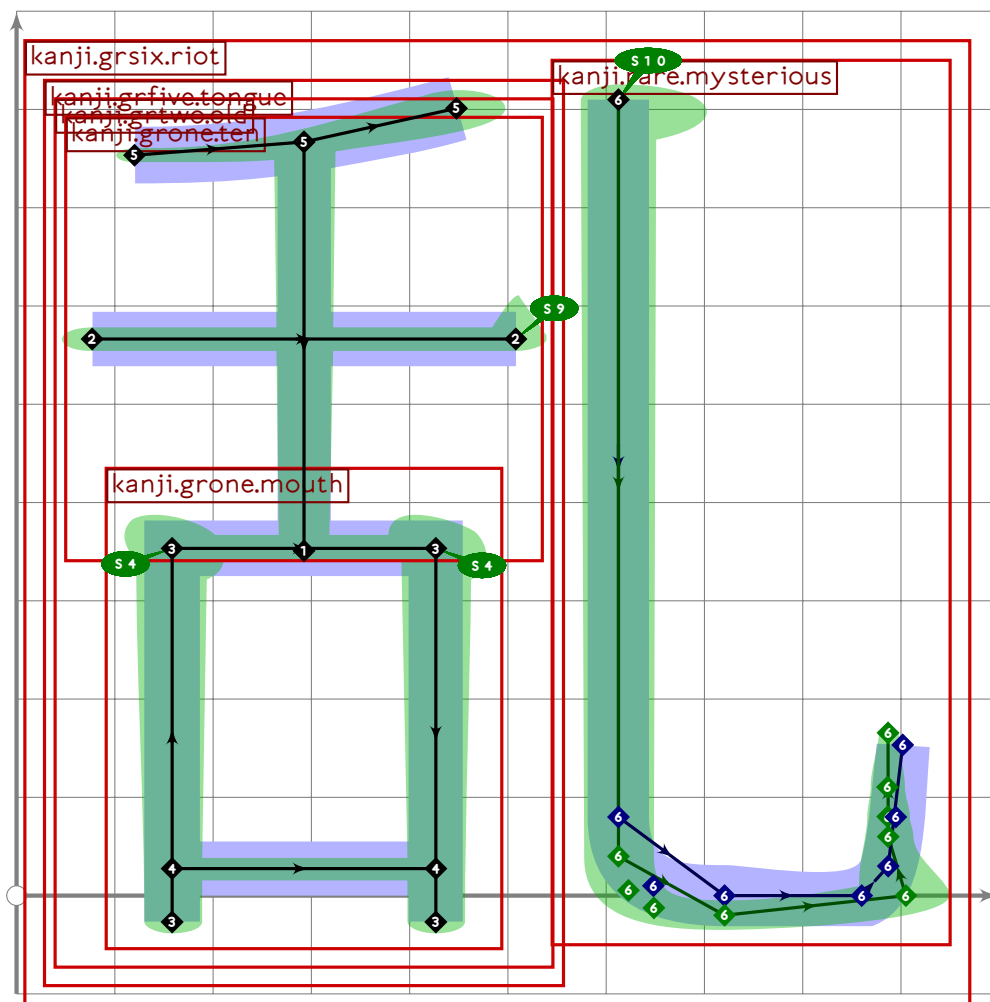
```



```

119
120 vardef kanji.grsix.milk =
121   push_pbox_toexpand("kanji.grsix.milk");
122   build_kanji.lr(560,-10)
123     (build_kanji.level(build_kanji.tb(580,0)
124       (kanji.toprad.paw)
125       (kanji.grone.child)))
126     (kanji.rare.mysterious);
127   expand_pbox;
128 enddef;

```

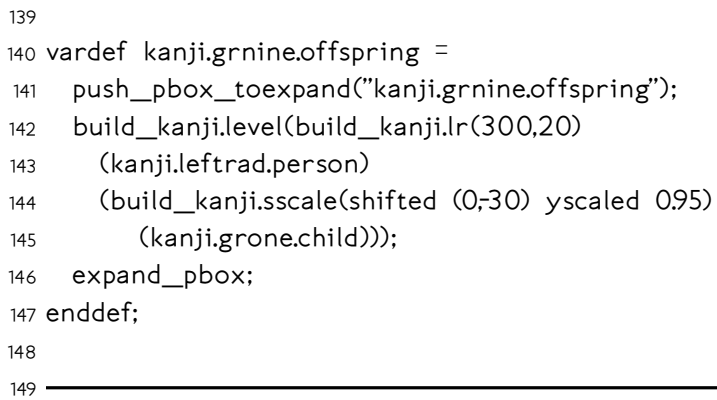


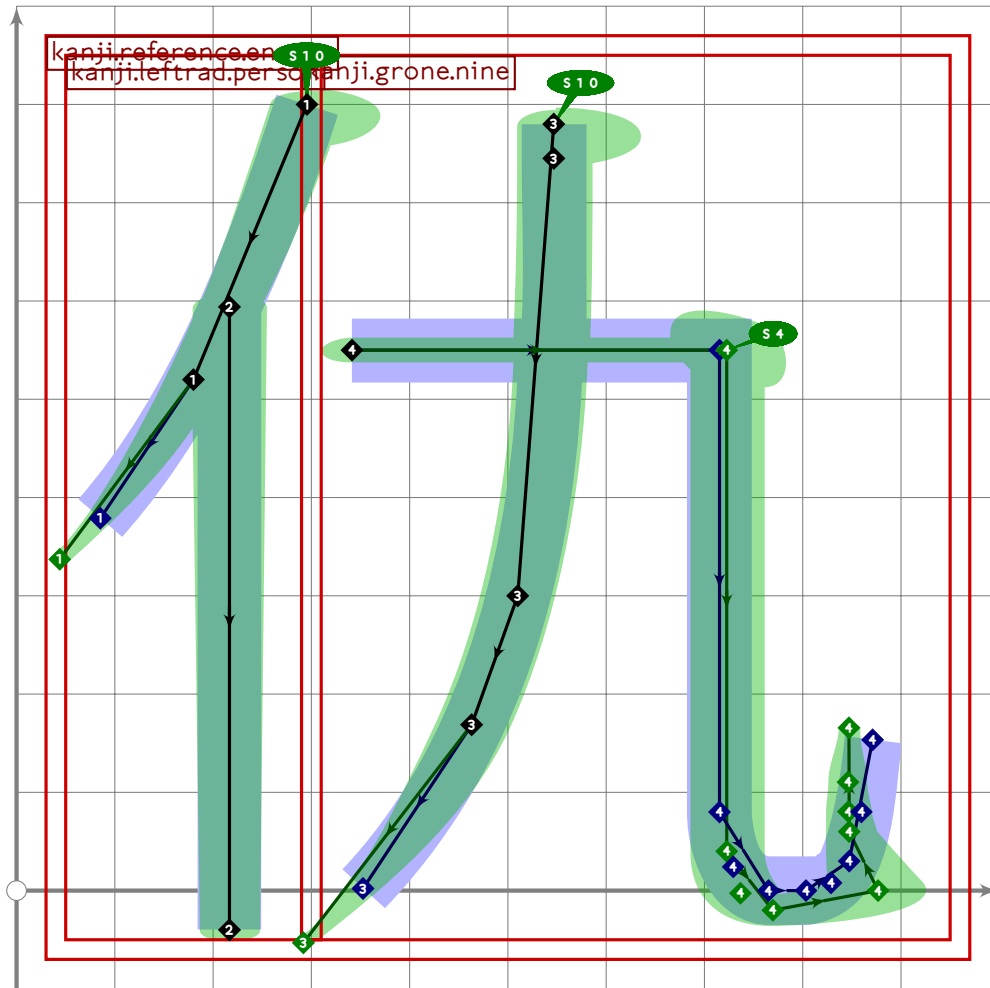
```

129
130 vardef kanji.grsix.riot =
131   push_pbox_toexpand("kanji.grsix.riot");
132   build_kanji.lr(540;10)
133     (tsu_xform(identity yscaled 0.94 shifted (0;7))(kanji.grfive.tongue))
134     (kanji.rare.mysterious);
135   expand_pbox;
136 enddef;
137
138

```



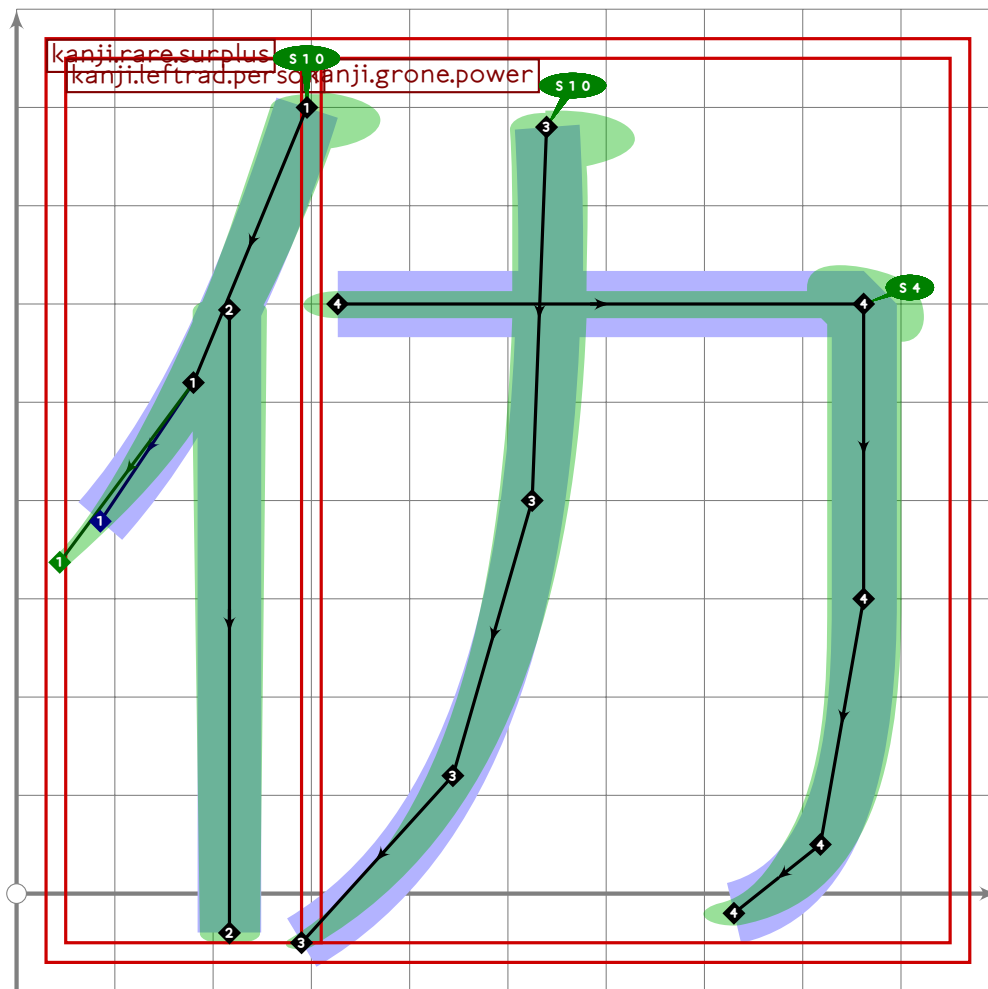




```

150
151 vardef kanji.reference.enemy =
152   push_pbox_toexpand("kanji.reference.enemy");
153   build_kanji.lr(300,20)
154     (kanji.leftrad.person)
155     (kanji.grone.nine);
156   expand_pbox;
157 enddef;
158
159

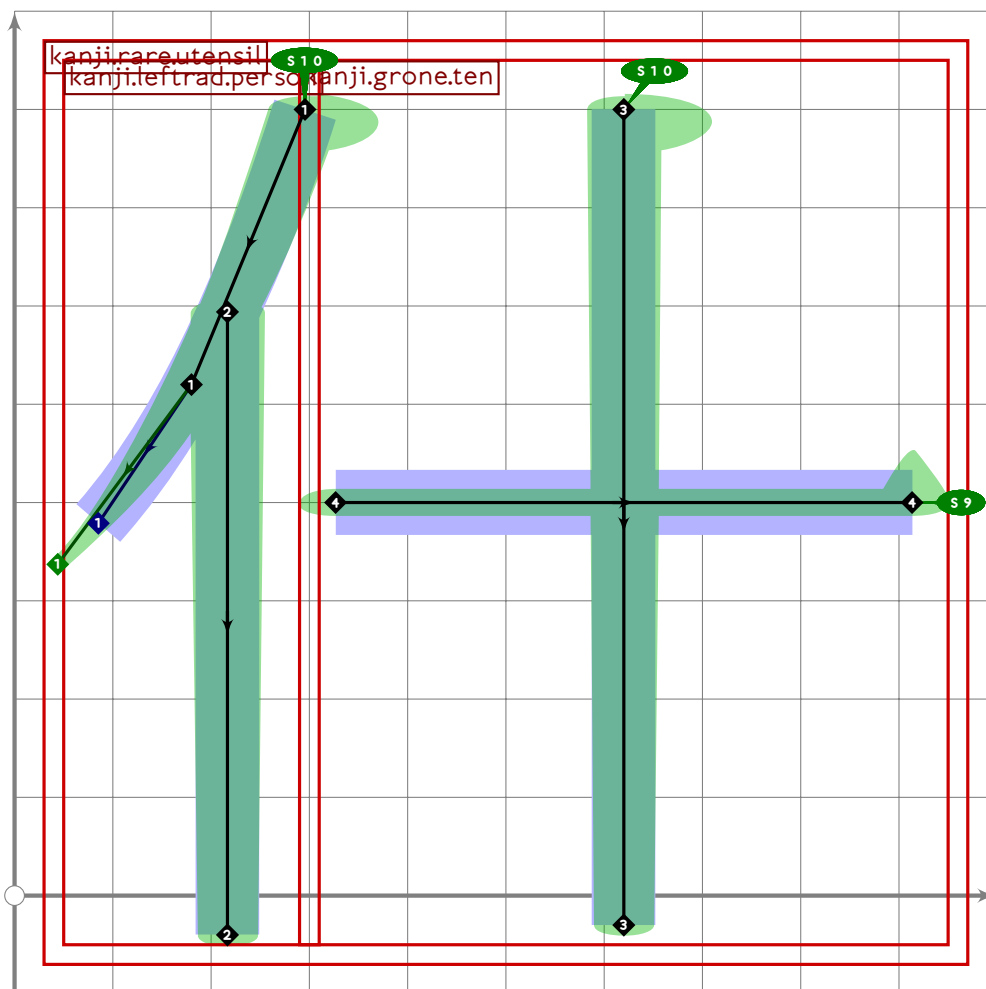
```



```

160
161 vardef kanji.rare.surplus =
162   push_pbox_toexpand("kanji.rare.surplus");
163   build_kanji.lr(300,20)
164     (kanji.leftrad.person)
165     (kanji.grone.power);
166   expand_pbox;
167 enddef;

```



```

168
169 vardef kanji.rare.utensil =
170   push_pbox_toexpand("kanji.rare.utensil");
171   build_kanji.lr(300,20)
172     (kanji.leftrad.person)
173     (kanji.grone.ten);
174   expand_pbox;
175 enddef;
176
177
178
179 % ichi/hito "one"
180 begintsuglyph("uni4E00";0);
181 kanji.grone.one;
182 tsu_render;
183 endtsuglyph;
184
185 % chuu/hinoto: "street"; "counter for leaves or guns"; "fourth zodiac sign"
186 % Uwaa ! Skala-sensei, I don't *want* to stick a thumbtack in my wrist!
187 begintsuglyph("uni4E01";1);
188 kanji.grthree.thumbtack;

```

[see page 463]

[see page 676]

```

189  tsu_render;
190 endtsuglyph;
191
192 % kou/samata "obstruction of breath"
193 begintsuglyph("uni4E02";2); [see page 1081]
194  kanji.rare.obstruction;
195  tsu_render;
196 endtsuglyph;
197
198 % nana/shichi "seven"
199 begintsuglyph("uni4E03";3); [see page 475]
200  kanji.grone.seven;
201  tsu_render;
202 endtsuglyph;
203
204 % man/yorozu "myriad"
205 begintsuglyph("uni4E07";7); [see page 553]
206  kanji.grtwo.myriad;
207  tsu_render;
208 endtsuglyph;
209
210 % san/mi "three"
211 begintsuglyph("uni4E09";9); [see page 484]
212  kanji.grone.three;
213  tsu_render;
214 endtsuglyph;
215
216 % ue/jyou "up"
217 begintsuglyph("uni4E0A";10); [see page 486]
218  kanji.grone.up;
219  tsu_render;
220 endtsuglyph;
221
222 % shita/ka "down"
223 begintsuglyph("uni4E0B";11); [see page 433]
224  kanji.grone.down;
225  tsu_render;
226 endtsuglyph;
227
228 % fu "non-"
229 begintsuglyph("uni4E0D";13); [see page 731]
230  kanji.grfour.non;
231  tsu_render;
232 endtsuglyph;
233
234 % yo/ata "give"
235 begintsuglyph("uni4E0E";14); [see page 942]
236  kanji.greight.give;

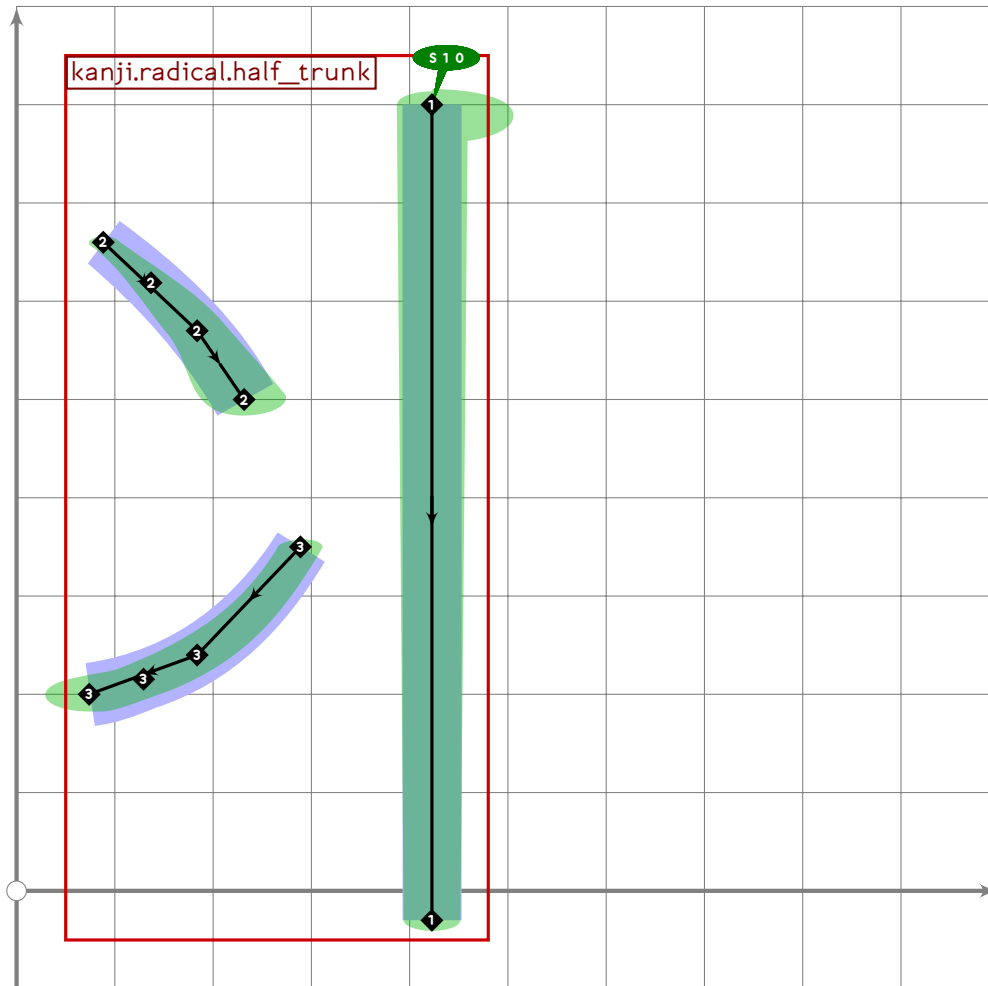
```

237   tsu\_render;  
 238 endtsuglyph;  
 239  
 240 % sho/ka "furthermore"  
 241 begintsuglyph("uni4E14";20); [see page 941]  
 242   kanji.greight.furthermore;  
 243   tsu\_render;  
 244 endtsuglyph;  
 245  
 246 % hi/oo "glorious" (needed as part of other things)  
 247 begintsuglyph("uni4E15";21); [see page 1063]  
 248   kanji.rare.glorious;  
 249   tsu\_render;  
 250 endtsuglyph;  
 251  
 252 % sei/sou "world"  
 253 begintsuglyph("uni4E16";22); [see page 681]  
 254   kanji.grthree.world;  
 255   tsu\_render;  
 256 endtsuglyph;  
 257  
 258 % kyu/oka "hill"  
 259 begintsuglyph("uni4E18";24); [see page 952]  
 260   kanji.greight.knoll;  
 261   tsu\_render;  
 262 endtsuglyph;  
 263  
 264 % hei/hinoe "third class or calendar sign"  
 265 begintsuglyph("uni4E19";25); [see page 980]  
 266   kanji.greight.third;  
 267   tsu\_render;  
 268 endtsuglyph;  
 269  
 270 % ryo/teru "both," also a couple of different units of measure  
 271 begintsuglyph("uni4E21";33); [see page 608]  
 272   kanji.grthree.both;  
 273   tsu\_render;  
 274 endtsuglyph;  
 275  
 276 % hei/nami "average"  
 277 begintsuglyph("uni4E26";38); [see page 2035]  
 278   kanji.grsix.average;  
 279   tsu\_render;  
 280 endtsuglyph;  
 281  
 282 % extra "vertical line"  
 283 begintsuglyph("uni4E28";40); [see page 896]  
 284   kanji.radical.vline;

```

285  tsu_render;
286  endtsuglyph;
287

```



```

288 % simplified "half trunk" used as character component

```

```

289 begintsuglyph("uni4E2C";44);
290  build_kanji.lr(480,0)(kanji.radical.half_trunk)();
291  tsu_render;
292 endtsuglyph;

```

```

293

```

```

294 % naka/chuu "middle"

```

```

295 begintsuglyph("uni4E2D";45);
296  kanji.grone.middle;
297  tsu_render;
298 endtsuglyph;

```

[see page 456]

```

299

```

```

300 % maru "circle"

```

```

301 begintsuglyph("uni4E38";56);
302  kanji.grtwo.circle;
303  tsu_render;
304 endtsuglyph;

```

[see page 503]

```

305

```

```

306 % shu/nushi "master"
307 begintsuglyph("uni4E3B",59); [see page 650]
308 kanji.grthree.master;
309 tsu_render;
310 endtsuglyph;
311
312 % kyuu/hisa "long time" (as in "hisashiburi")
313 begintsuglyph("uni4E45",69); [see page 788]
314 kanji.grfive.long_time;
315 tsu_render;
316 endtsuglyph;
317
318 % diagonal stroke (like katakana "no") for use in decomposition dictionary
319 begintsuglyph("uni4E3F",63); [see page 874]
320 kanji.radical.katakana_no;
321 tsu_render;
322 endtsuglyph;
323
324 % sa/naga "notwithstanding" (needed for tsuku "make")
325 begintsuglyph("uni4E4D",77); [see page 1079]
326 kanji.rare.notwithstanding;
327 tsu_render;
328 endtsuglyph;
329
330 % shou/no "ride"
331 begintsuglyph("uni4E57",87); [see page 668]
332 kanji.grthree.ride;
333 tsu_render;
334 endtsuglyph;
335
336 % extra (needed as component)
337 begintsuglyph("uni4E5A",90); [see page 1078]
338 kanji.rare.mysterious;
339 tsu_render;
340 endtsuglyph;
341
342 % kyuu/kokono "nine"
343 begintsuglyph("uni4E5D",93); [see page 461]
344 kanji.grone.nine;
345 tsu_render;
346 endtsuglyph;
347
348 % ya/nari "to be" (archaic)
349 begintsuglyph("uni4E5F",95); [see page 1024]
350 kanji.grnine.to_be;
351 tsu_render;
352 endtsuglyph;
353

```



```
354 % ran/mida "riot"
355 begintsuglyph("uni4E71",113);
356   kanji.grsix.riot;
357   tsu__render;
358 endtsuglyph;
359
360 % nyuu/chichi "milk"
361 begintsuglyph("uni4E73",115);
362   kanji.grsix.milk;
363   tsu__render;
364 endtsuglyph;
365
366 % ryou "completion"
367 begintsuglyph("uni4E86",134);
368   kanji.greight.completion;
369   tsu__render;
370 endtsuglyph;
371
372 % yo/arakaji "before"
373 begintsuglyph("uni4E88",136);
374   kanji.grthree.before;
375   tsu__render;
376 endtsuglyph;
377
378 % sou/ika "dispute"
379 begintsuglyph("uni4E89",137);
380   kanji.grfour.dispute;
381   tsu__render;
382 endtsuglyph;
383
```

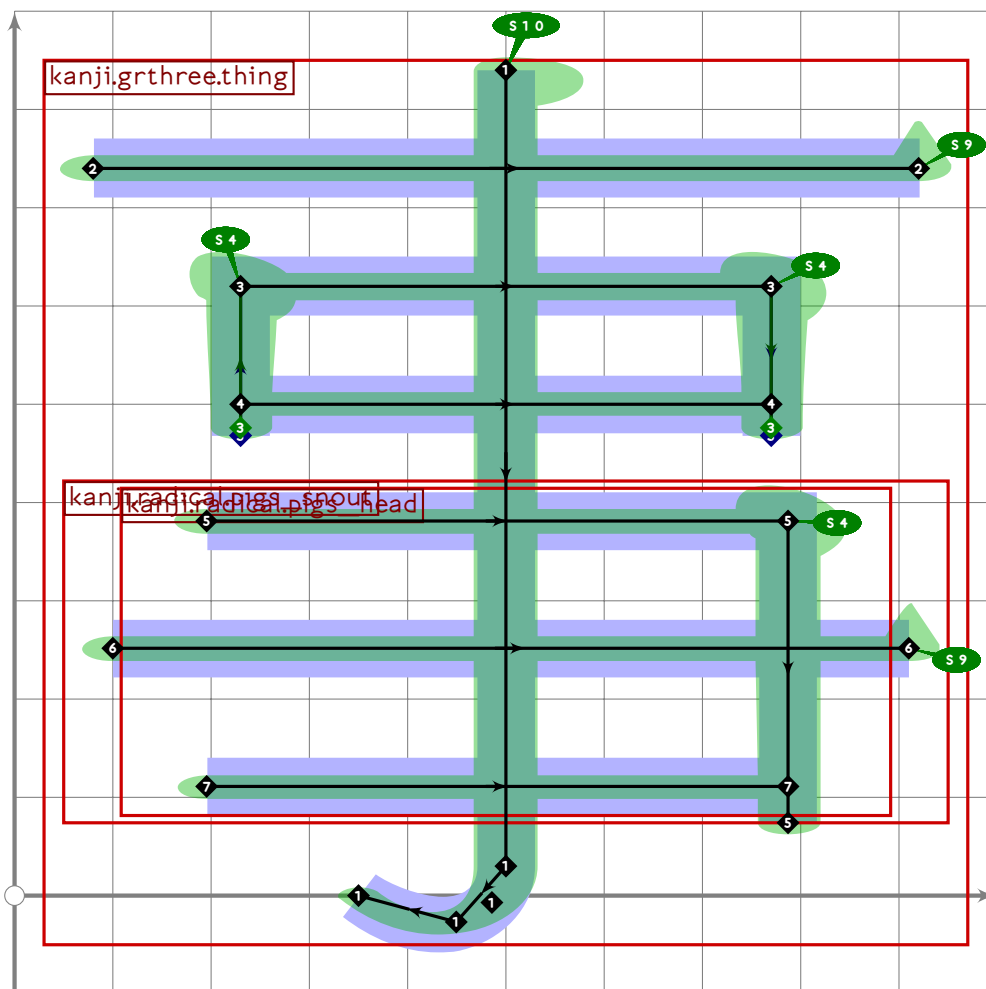
[see page 2038]

[see page 2037]

[see page 928]

[see page 604]

[see page 702]



```

384 % ji/koto "thing"
385 begintsuglyph("uni4E8B",139);
386   kanji.grthree.thing;
387   tsu_render;
388 endtsuglyph;
389
390 % ni/futa "two"
391 begintsuglyph("uni4E8C",140);
392   kanji.grone.two;
393   tsu_render;
394 endtsuglyph;
395
396 % u "deficient"
397 begintsuglyph("uni4E8F",143);
398   kanji.rare.deficient;
399   tsu_render;
400 endtsuglyph;
401
402 % un/i "say"
403 begintsuglyph("uni4E91",145);
404   kanji.grnine.declain;

```

[see page 485]

[see page 1052]

[see page 995]

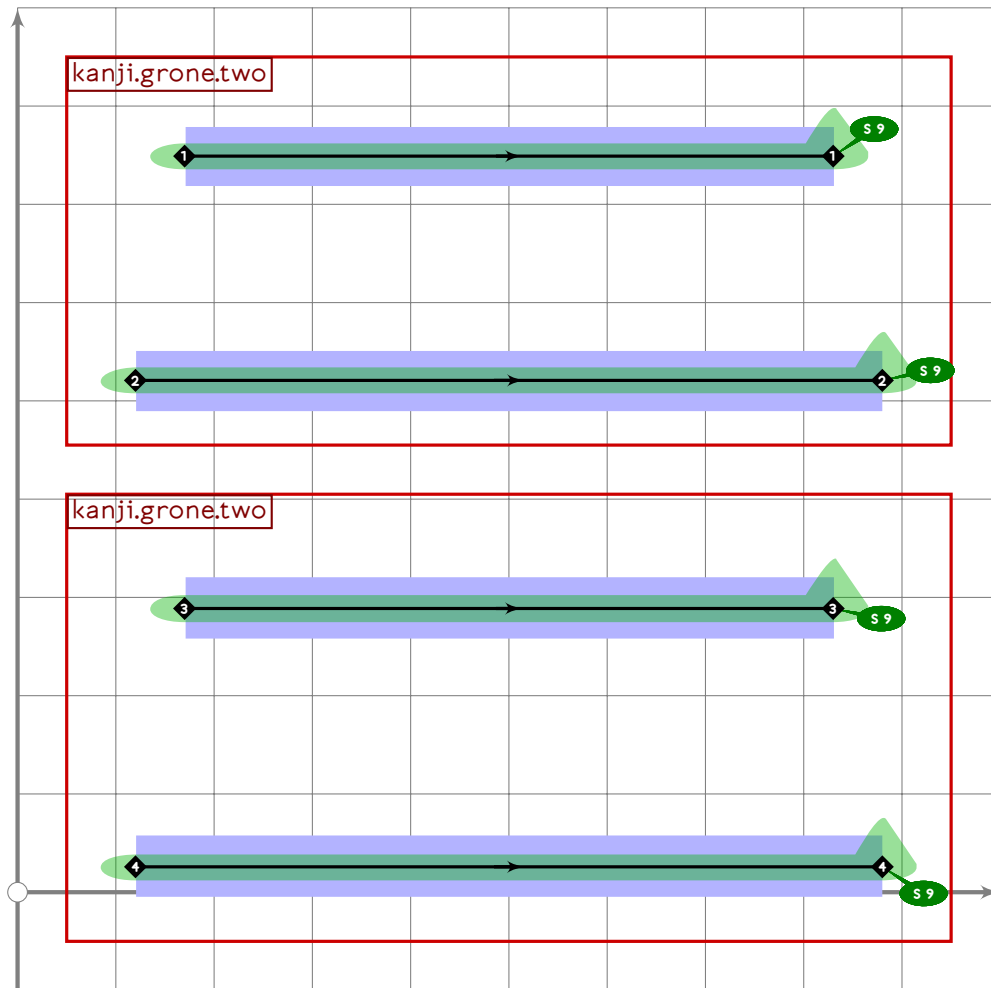
```

405 tsu_render;
406 endtsuglyph;
407
408 % go/itsu "five"
409 begintsuglyph("uni4E94",148);
410 kanji.grone.five;
411 tsu_render;
412 endtsuglyph;
413
414 % sei/i "well" (water supply)
415 begintsuglyph("uni4E95",149);
416 kanji.grfour.well;
417 tsu_render;
418 endtsuglyph;
419

```

[see page 441]

[see page 763]



```

420 % extra
421 begintsuglyph("uni4E96",150);
422 build_kanji.tb(430;50)
423 (kanji.grone.two)
424 (kanji.grone.two);
425 tsu_render;

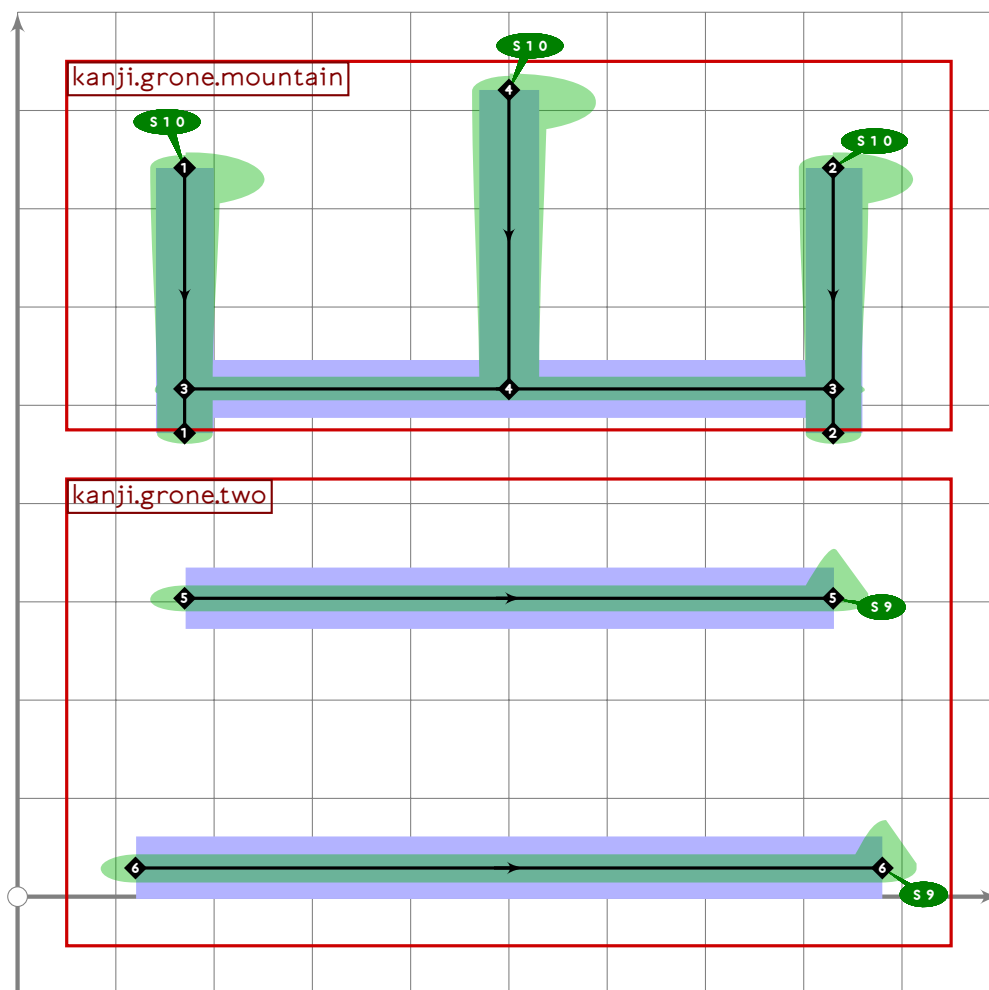
```

U+4E97  
tsuku.uni4E97

426 endtsuglyph;

427

4E



428 % extra

429 begintsuglyph("uni4E97";151);

430 build\_kanji.tb(450;50)

431 (kanji.grone.mountain)

432 (kanji.grone.two);

433 tsu\_render;

434 endtsuglyph;

435

436 % a/tsu "sub-" (also, "-ous, lower oxidation state")

437 begintsuglyph("uni4E9C";156);

[see page 964]

438 kanji.greight.prefix\_sub;

439 tsu\_render;

440 endtsuglyph;

441

442 % not in dictionaries but needed for grfour.extremely

443 begintsuglyph("uni4E9F";159);

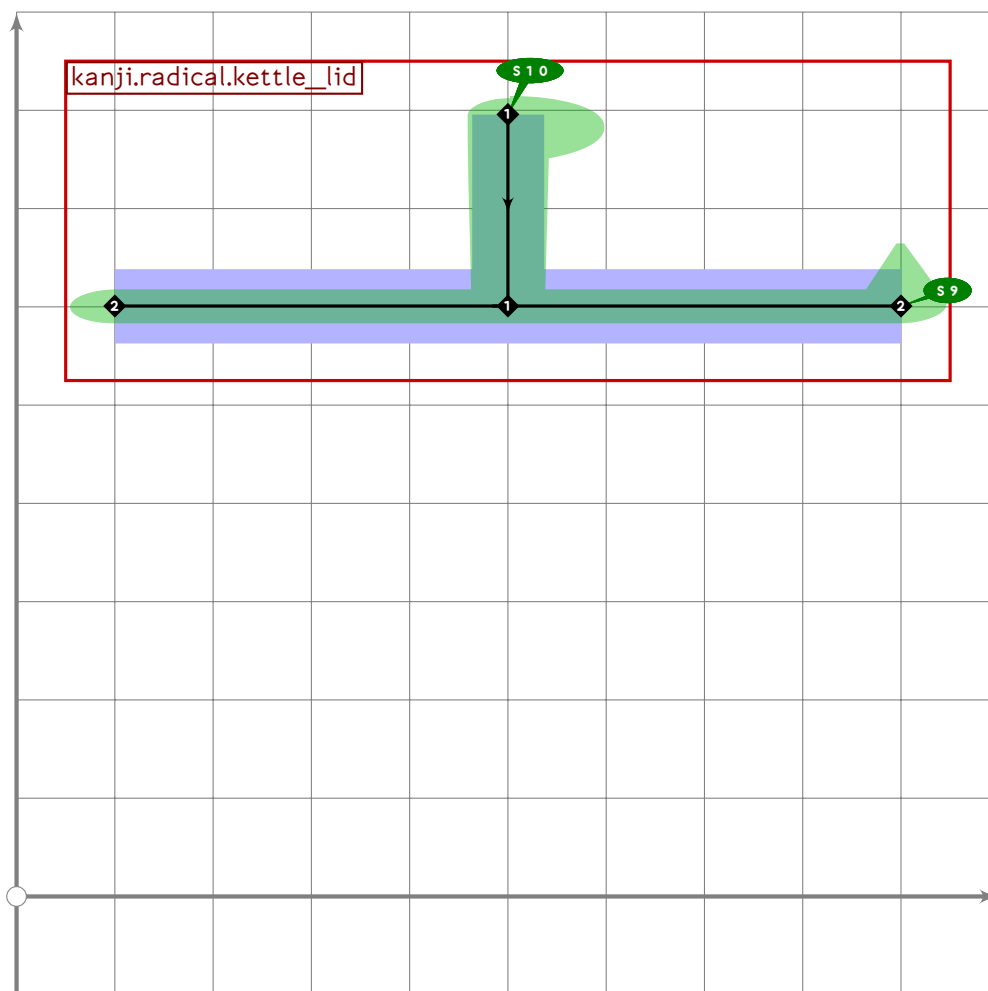
[see page 1060]

444 kanji.rare.extremely;

445 tsu\_render;

446 endtsuglyph;

447



```

448 % "kettle lid radical"
449 begintsuglyph("uni4EA0";160);
450   build_kanji.tb(500,-50)
451     (kanji.radical.kettle_lid)
452     ();
453   tsu_render;
454 endtsuglyph;
455
456 % bou/na "dead"
457 begintsuglyph("uni4EA1";161);
458   kanji.grsix.dead;
459   tsu_render;
460 endtsuglyph;
461
462 % kou/takaburu "high spirits"
463 begintsuglyph("uni4EA2";162);
464   kanji.rare.high_spirits;
465   tsu_render;
466 endtsuglyph;
467

```

[see page 822]

[see page 1065]

468 % kou/maji "mix"  
 469 begintsuglyph("uni4EA4";164);  
 470 kanji.grtwo.mix;  
 471 tsu\_render;  
 472 endtsuglyph;

[see page 550]

473  
 474 % eki/mata "again"  
 475 begintsuglyph("uni4EA6";166);  
 476 kanji.grnine.again;  
 477 tsu\_render;  
 478 endtsuglyph;

[see page 987]

479  
 480 % kou "undergo" (rarer form)  
 481 begintsuglyph("uni4EA8";168);  
 482 kanji.grnine.undergo;  
 483 tsu\_render;  
 484 endtsuglyph;

[see page 1029]

485  
 486 % kyou "undergo" (more common form)  
 487 begintsuglyph("uni4EAB";171);  
 488 kanji.greight.undergo;  
 489 tsu\_render;  
 490 endtsuglyph;

[see page 985]

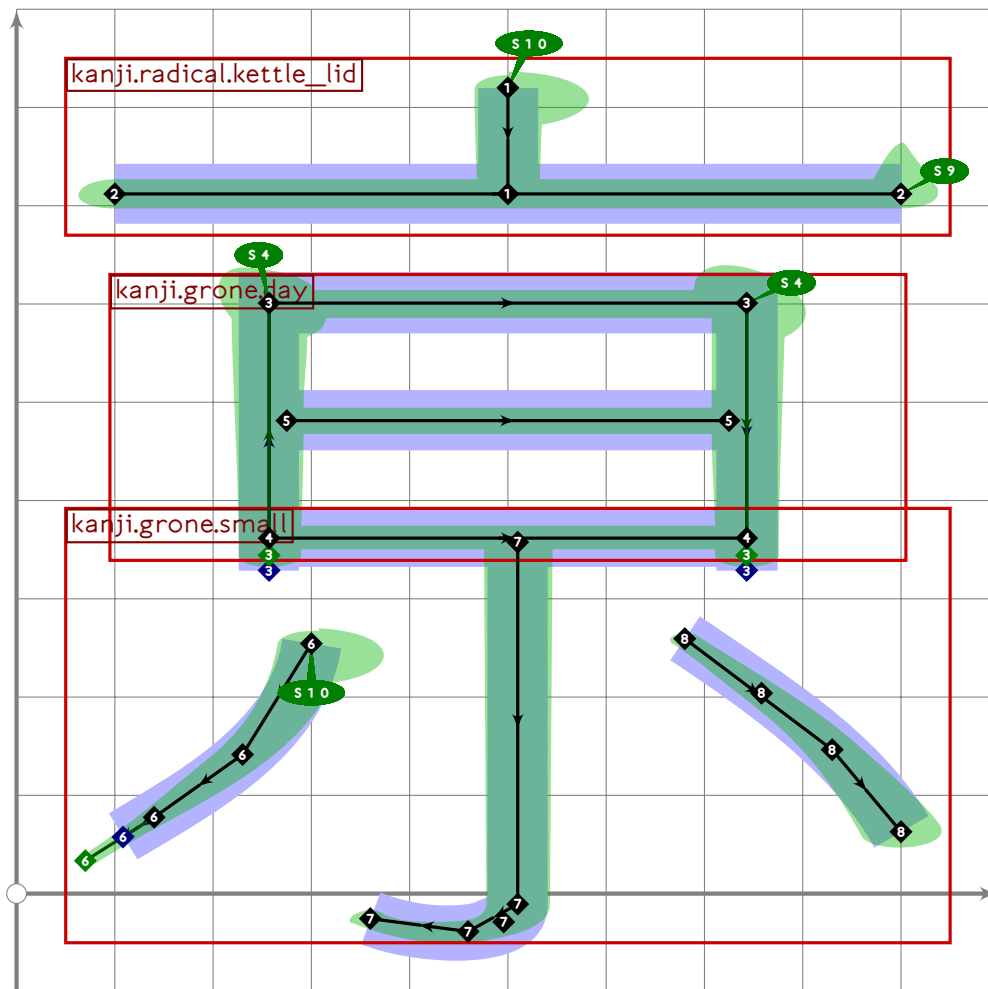
491  
 492 % kyou "capital"  
 493 begintsuglyph("uni4EAC";172);  
 494 kanji.grtwo.capital;  
 495 tsu\_render;  
 496 endtsuglyph;

[see page 500]

497  
 498 % tei "head of household"  
 499 begintsuglyph("uni4EAD";173);  
 500 kanji.greight.head\_of\_household;  
 501 tsu\_render;  
 502 endtsuglyph;

[see page 947]

503-504

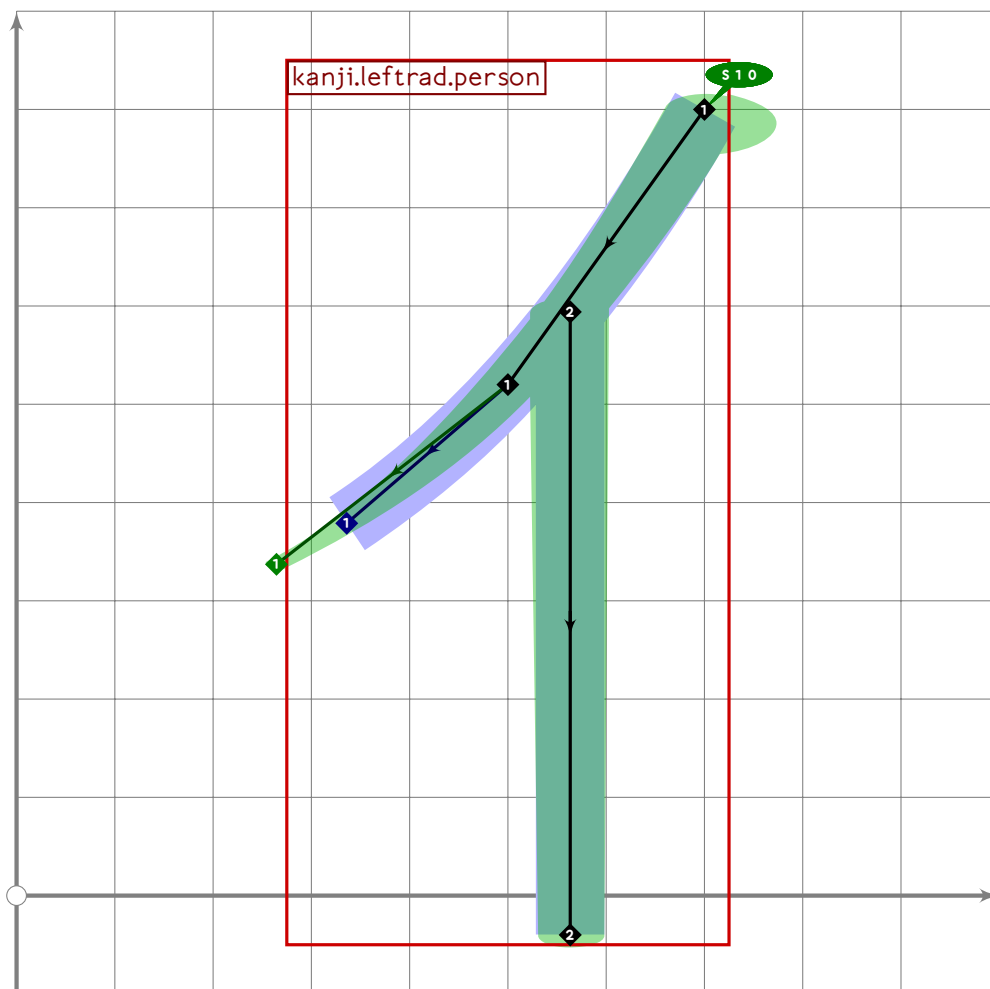


```

505 % extra "capital"
506 begintsuglyph("uni4EB0",176);
507   build_kanji.level(build_kanji.tb(650,40)
508     (kanji.radical.kettle_lid)
509     (build_kanji.tb(500,70)
510       (build_kanji.sscale(xscaled 0.9)(kanji.grone.day))
511       (kanji.grone.small)));
512   set_boserif(-1,0,whatever);
513   tsu_render;
514 endtsuglyph;
515
516 % hito/jin "person"
517 begintsuglyph("uni4EBA",186);
518   kanji.grone.person;
519   tsu_render;
520 endtsuglyph;
521

```

[see page 466]



```

522 % hito/jin "person" as radical
523 begintsuglyph("uni4EBB";187);
524   build_kanji.scale(xscaled 0.5)(kanji.leftrad.person);
525   tsu_render;
526 endtsuglyph;
527
528 % juu "utensil"
529 begintsuglyph("uni4EC0";192);
530   kanji.rare.utensil;
531   tsu_render;
532 endtsuglyph;
533
534 % jin "benevolence"
535 begintsuglyph("uni4EC1";193);
536   kanji.grsix.benevolence;
537   tsu_render;
538 endtsuglyph;
539
540 % "surplus or excess"
541 begintsuglyph("uni4EC2";194);
542   kanji.rare.surplus;

```

[see page 2042]

[see page 2036]

[see page 2041]

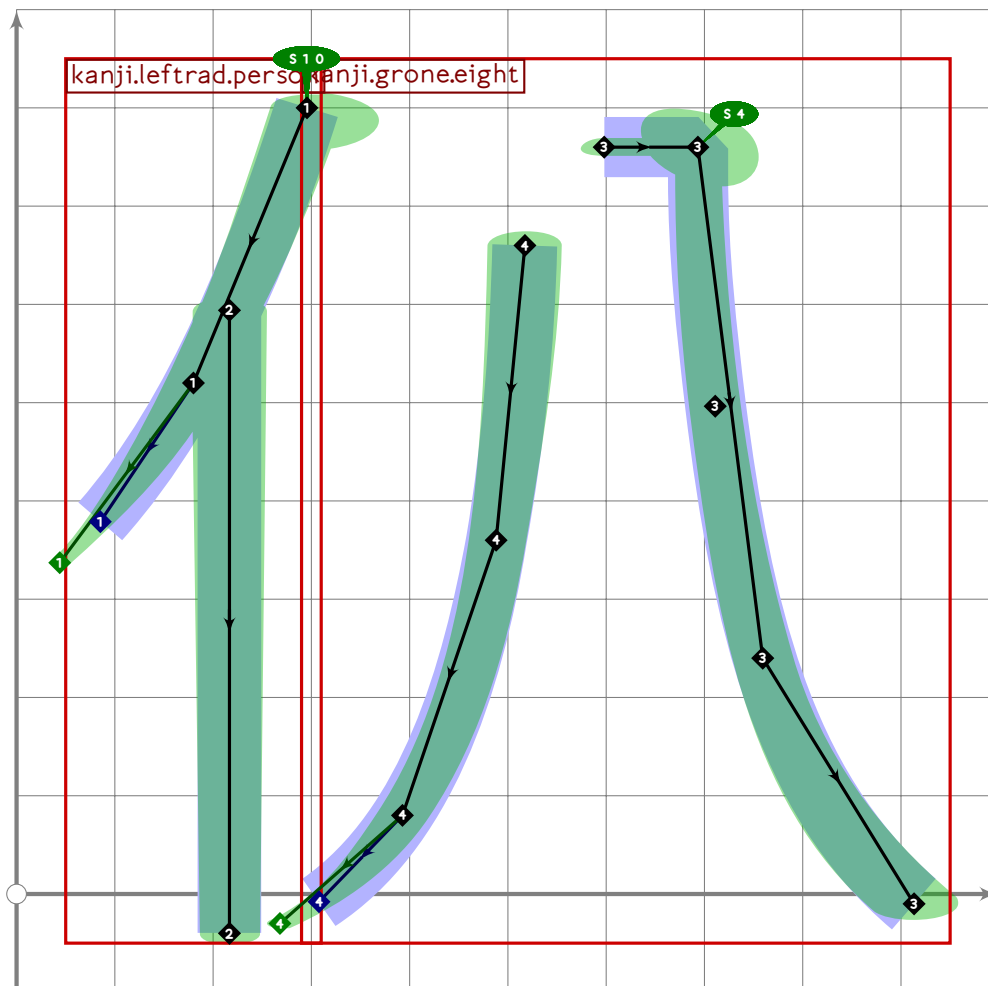


```

543 tsu_render;
544 endtsuglyph;
545
546 % ada "enemy"
547 begintsuglyph("uni4EC7";199);
548 kanji.reference.enemy;
549 tsu_render;
550 endtsuglyph;
551

```

[see page 2040]



```

552 % extra
553 begintsuglyph("uni4EC8";200);
554 build_kanji.lr(300,20)
555   (kanji.leftrad.person)
556   (kanji.grone.eight);
557 tsu_render;
558 endtsuglyph;
559
560 % kon/ima "now"
561 begintsuglyph("uni4ECA";202);
562 kanji.grtwo.now;
563 tsu_render;

```

[see page 558]

```

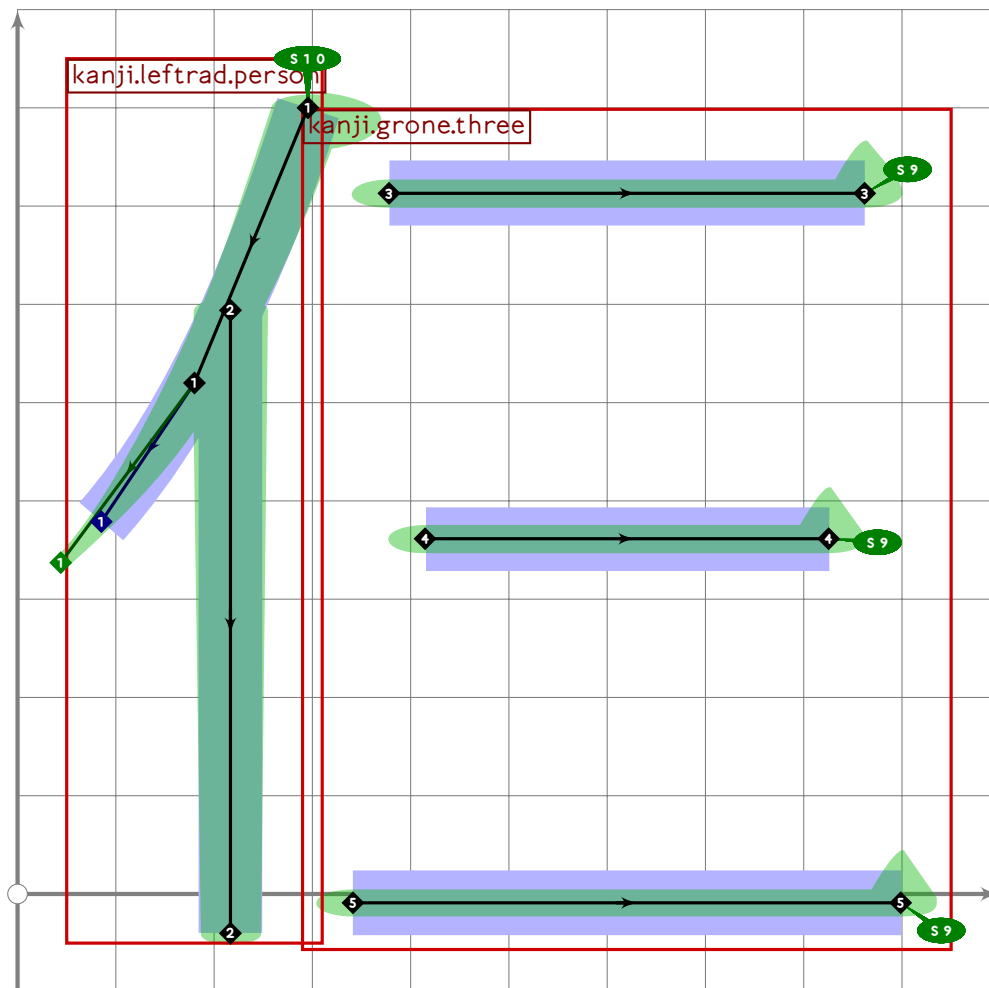
564 endtsuglyph;
565
566 % kai "mediate"
567 begintsuglyph("uni4ECB";203); [see page 954]
568   kanji.greight.mediate;
569   tsu__render;
570 endtsuglyph;
571
572 % futsu/hotoke "France" or "Buddha"
573 begintsuglyph("uni4ECF";207); [see page 2033]
574   kanji.grfive.france;
575   tsu__render;
576 endtsuglyph;
577
578 % ko "offspring"
579 begintsuglyph("uni4ED4";212); [see page 2039]
580   kanji.grnine.offspring;
581   tsu__render;
582 endtsuglyph;
583
584 % shi/tsuka "serve"
585 begintsuglyph("uni4ED5";213); [see page 2030]
586   kanji.grthree.serve;
587   tsu__render;
588 endtsuglyph;
589
590 % ta/hoka "other"
591 begintsuglyph("uni4ED6";214); [see page 658]
592   kanji.grthree.other;
593   tsu__render;
594 endtsuglyph;
595
596 % fu/tsu "attach"
597 begintsuglyph("uni4ED8";216); [see page 687]
598   kanji.grfour.attach;
599   tsu__render;
600 endtsuglyph;
601
602 % sen "wizard"
603 begintsuglyph("uni4ED9";217); [see page 986]
604   kanji.greight.wizard;
605   tsu__render;
606 endtsuglyph;
607
608 % dai/kawa "generation"
609 begintsuglyph("uni4EE3";227); [see page 634]
610   kanji.grthree.generation;
611   tsu__render;

```

```

612 endtsuglyph;
613
614 % rei "orders" (but usually part of honorific titles for family members)
615 begintsuglyph("uni4EE4";228); [see page 736]
616   kanji.grfour.orders;
617   tsu_render;
618 endtsuglyph;
619
620 % i/mo(tsu) "because" or "with regard to"
621 begintsuglyph("uni4EE5";229); [see page 686]
622   kanji.grfour.as;
623   tsu_render;
624 endtsuglyph;
625

```



```

626 % extra
627 begintsuglyph("uni4EE8";232);
628   build_kanji.lr(300,20)
629   (kanji.leftrad.person)
630   (build_kanji.sscale(shifted (0,30) yscaled 0.95)
631   (kanji.grone.three));
632   tsu_render;

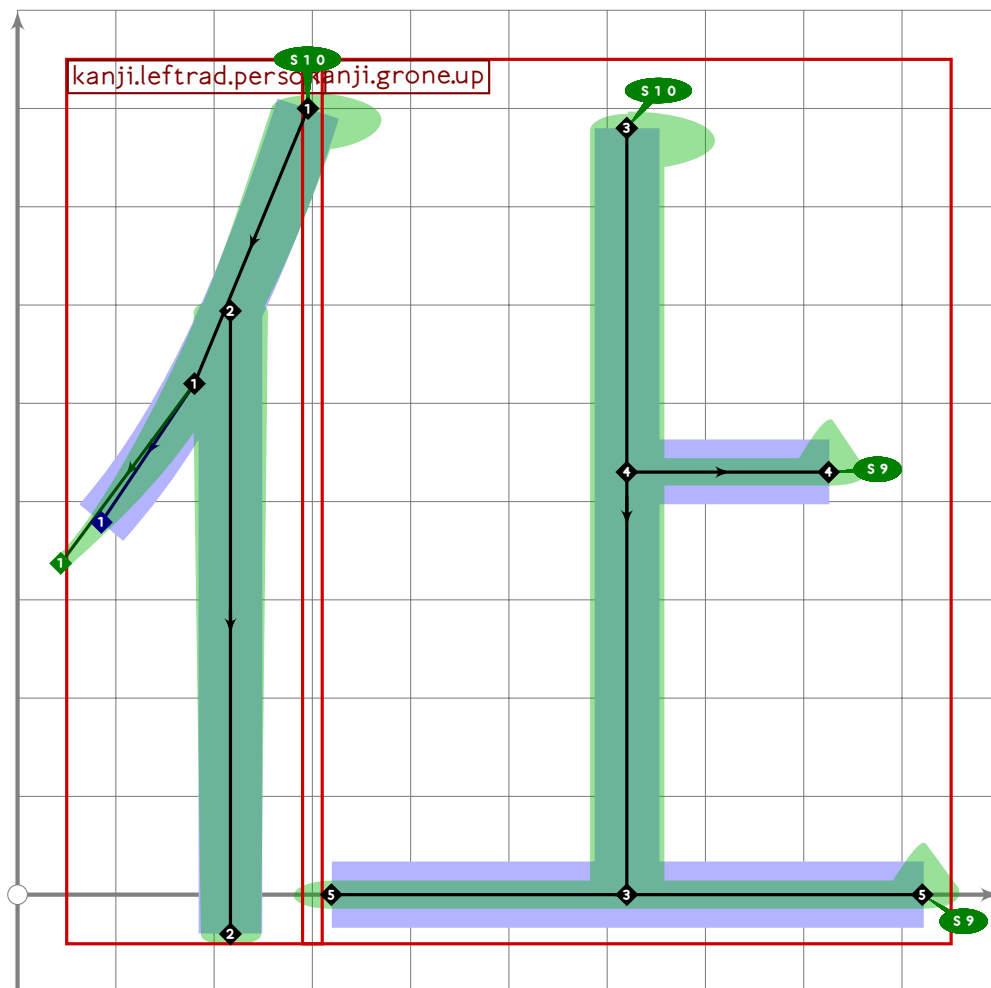
```

U+4EE9  
tsuku.uni4EE9

633 endtsuglyph;

634

4E



635 % extra

636 begintsuglyph("uni4EE9";233);

637 build\_kanji.lr(300,20)

638 (kanji.leftrad.person)

639 (kanji.grone.up);

640 tsu\_render;

641 endtsuglyph;

642

643 % ka/kari "temporary"

644 begintsuglyph("uni4EEE";238);

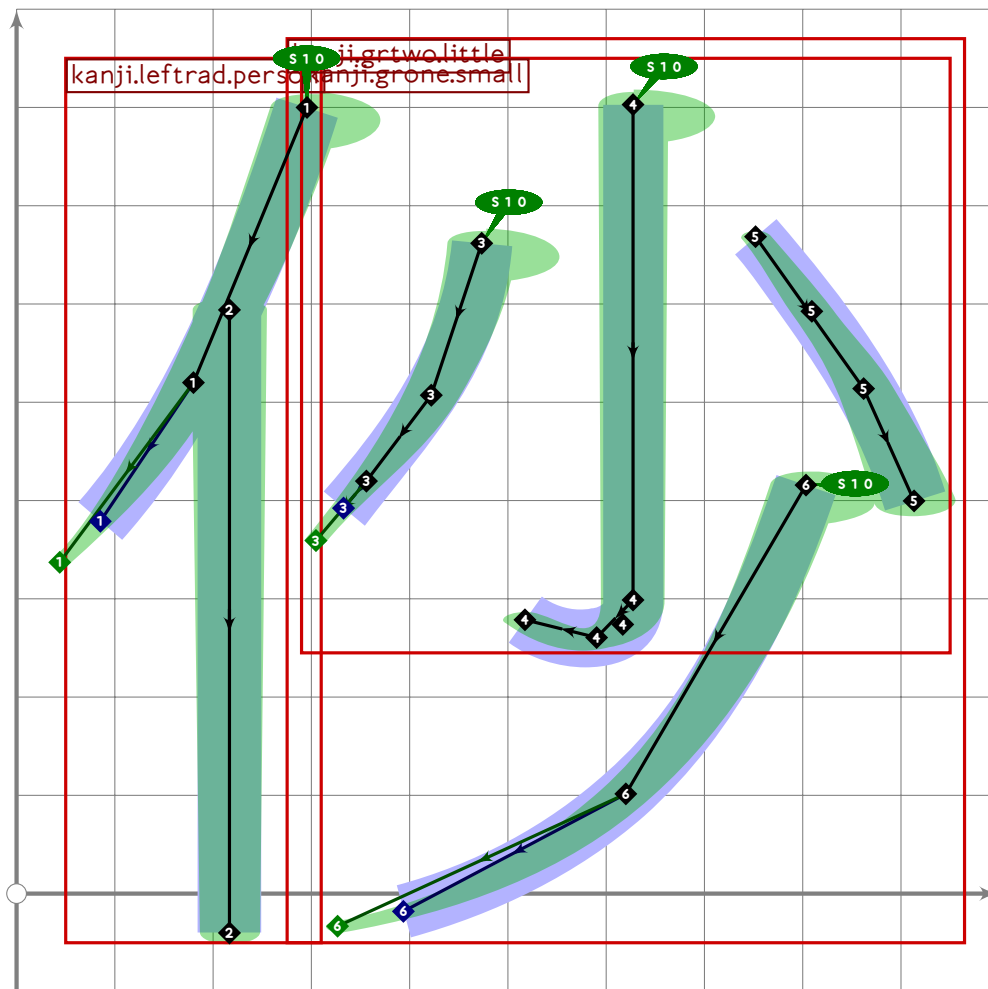
645 kanji.grfive.temporary;

646 tsu\_render;

647 endtsuglyph;

648

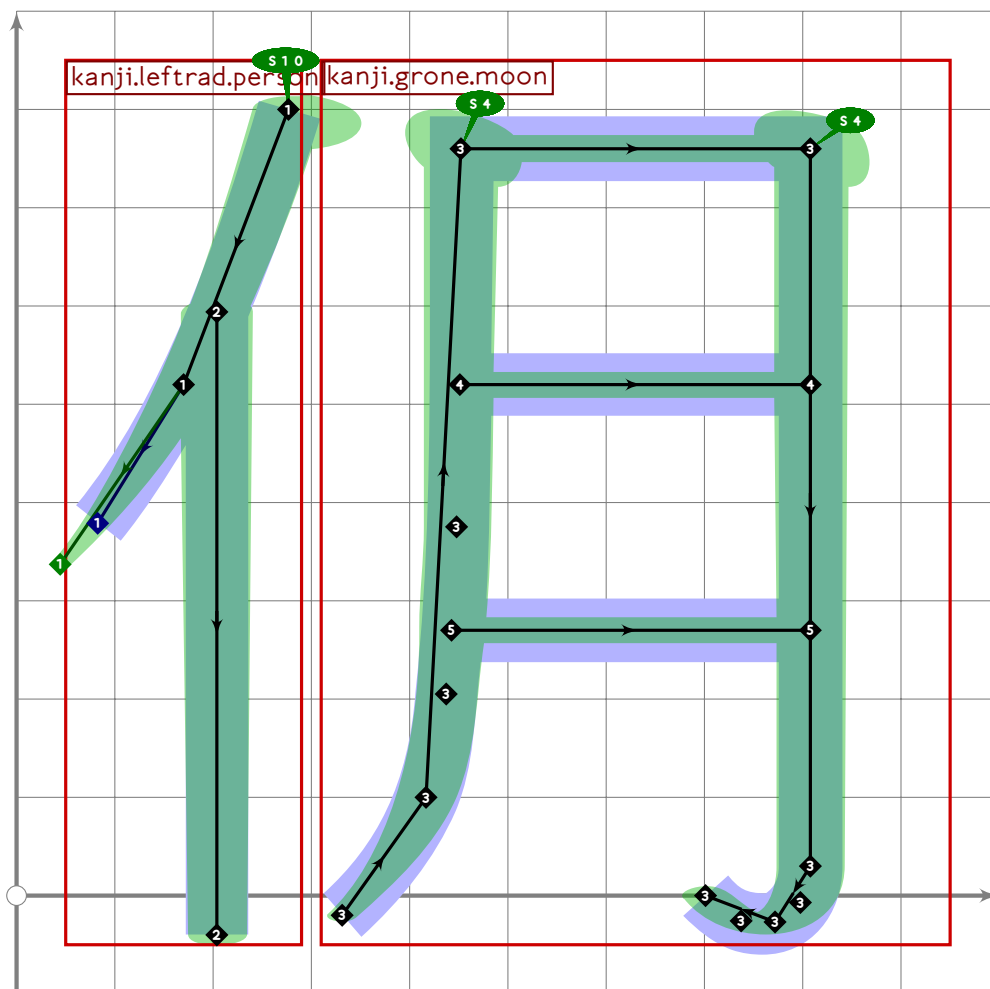
[see page 2034]



[see page 2031]

U+4EF4  
tsuku.uni4EF4

4E



```
663 % extra
664 begintsuglyph("uni4EF4";244);
665   build_kanji.lr(300;20)
666   (kanji.leftrad.person)
667   (kanji.grone.moon);
668   tsu_render;
669 endtsuglyph;
```

```
670
671 % ken/kudan "affair"
672 begintsuglyph("uni4EF6";246);
673   kanji.grfive.affair;
674   tsu_render;
675 endtsuglyph;
```

[see page 2032]

```
676
677 % nin/maka "responsibility"
678 begintsuglyph("uni4EFB";251);
679   kanji.grfive.responsibility;
680   tsu_render;
681 endtsuglyph;
```

[see page 801]

682

683

684

685 endfont;

686

687

---

4E

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

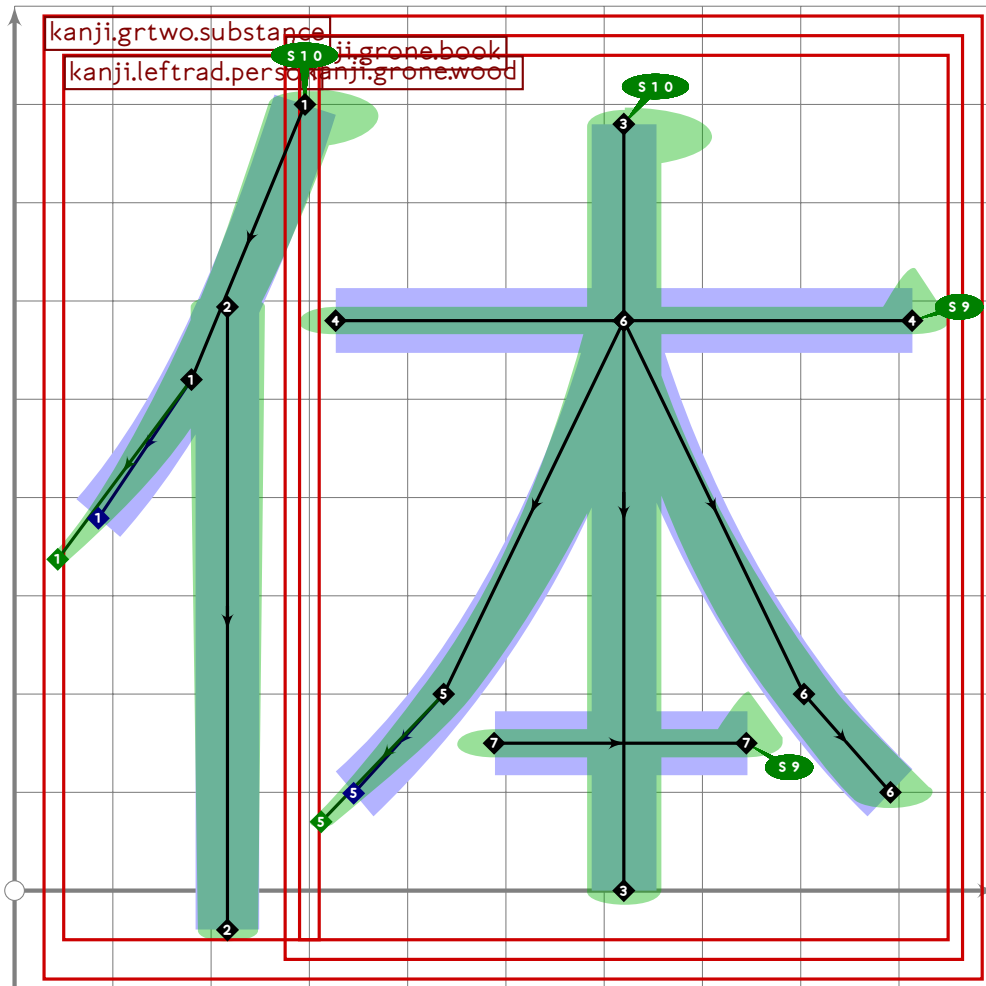
---


32
33 beginfont
34
35 % AUTODEPS
36 input 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 

---


```

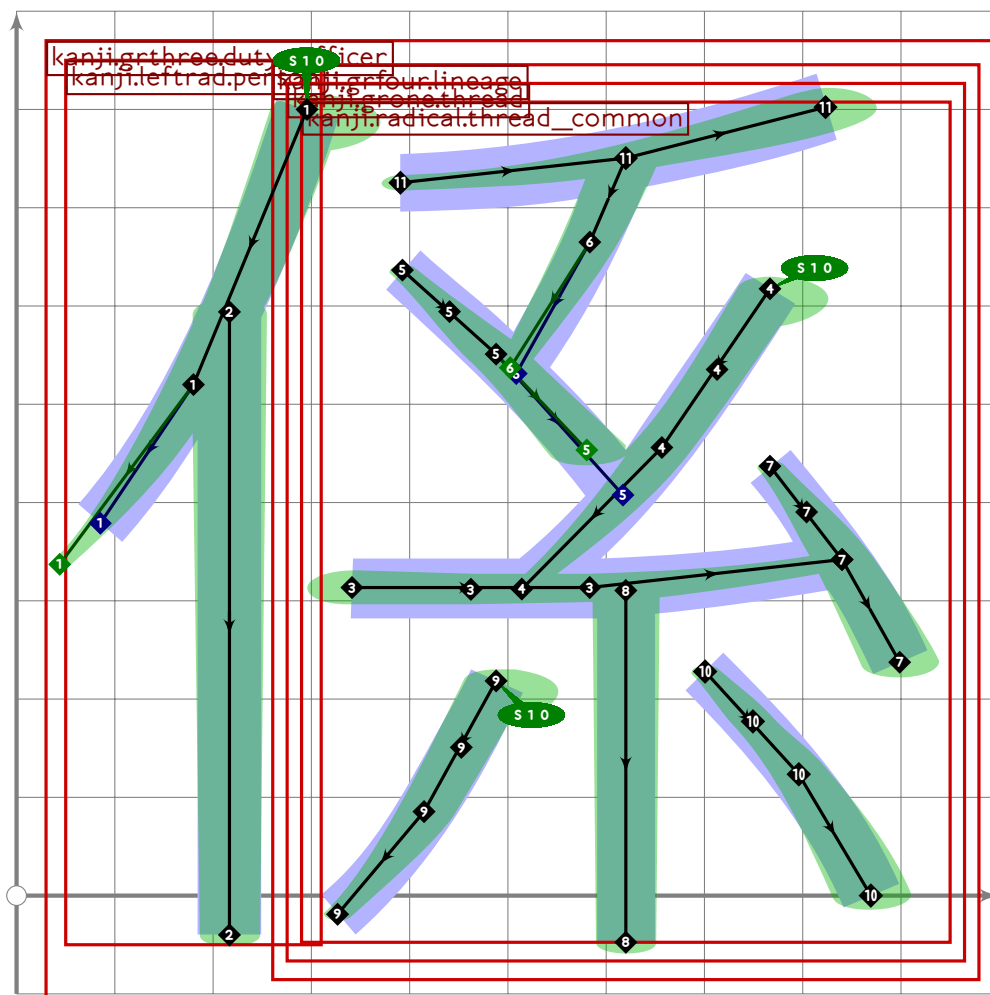




4F

```

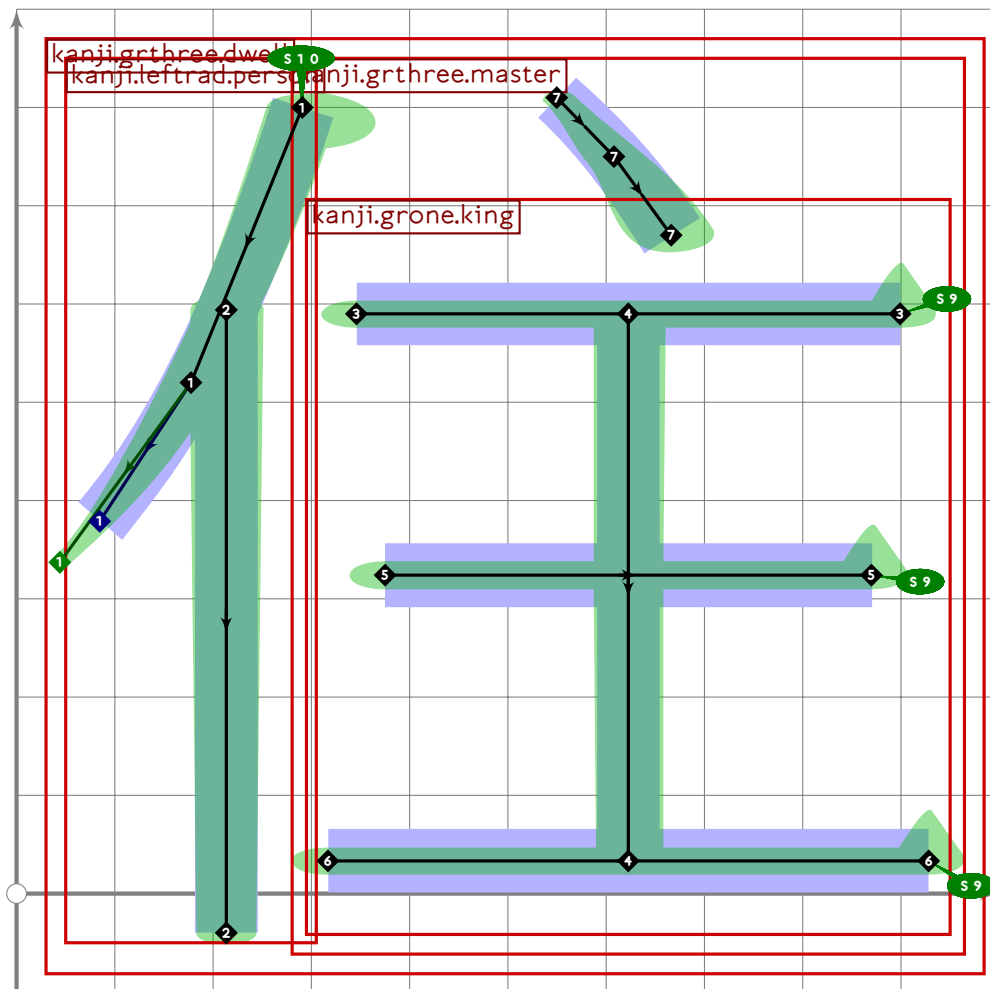
55
56 vardef kanji.grtwo.substance =
57   push_pbox_toexpand("kanji.grtwo.substance");
58   build_kanji.lr(300,20)
59   (kanji.leftrad.person)
60   (kanji.grone.book);
61   expand_pbox;
62 enddef;
63
64
```



```

65
66 vardef kanji.grthree.duty_officer =
67   push_pbox_toexpand("kanji.grthree.duty_officer");
68   build_kanji.lr(300,20)
69     (kanji.leftrad.person)
70     (tsu_xform(identity yscaled 0.95)(kanji.grfour.lineage));
71   expand_pbox;
72 enddef;

```



4F

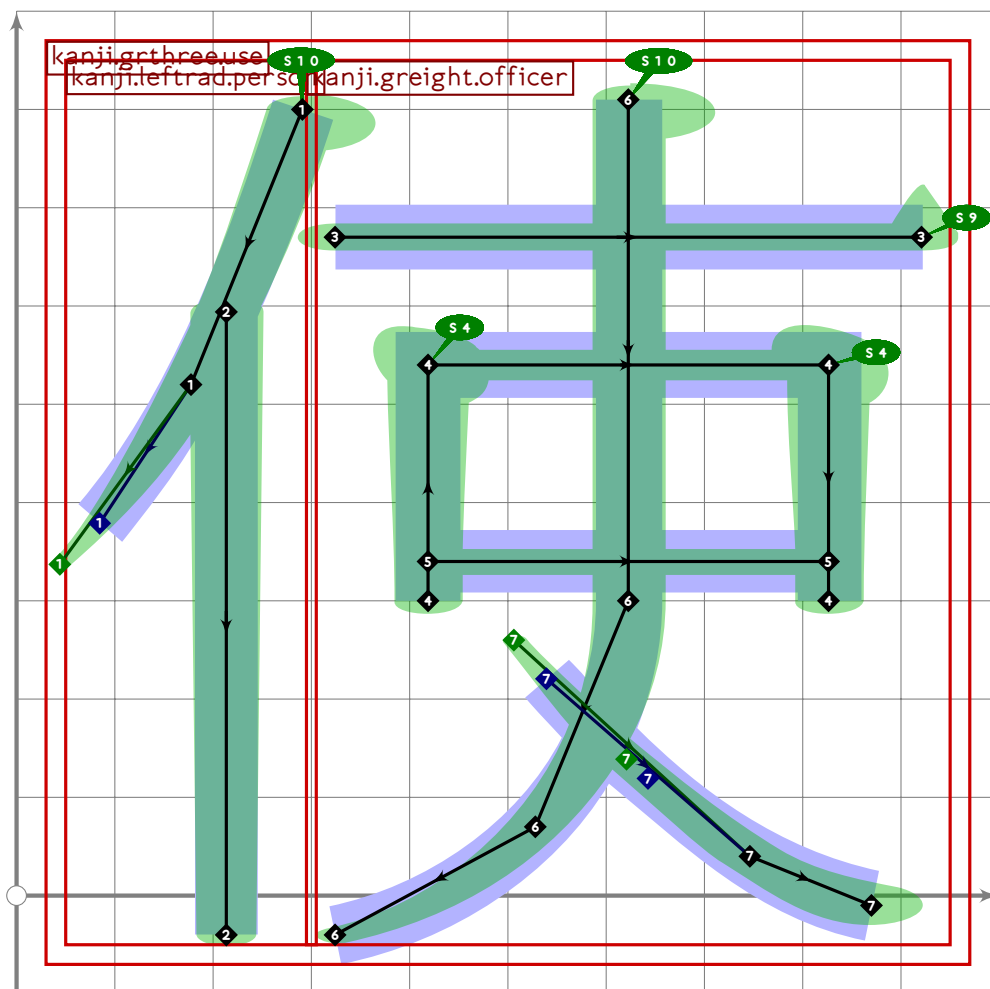
```

73
74 vardef kanji.grthree.dwell =
75   push_pbox_toexpand("kanji.grthree.dwell");
76   build_kanji.lr(300,10)
77     (kanji.leftrad.person)
78     (kanji.grthree.master);
79   expand_pbox;
80 enddef;

```

U+4F7F  
tsuku.uni4F7F

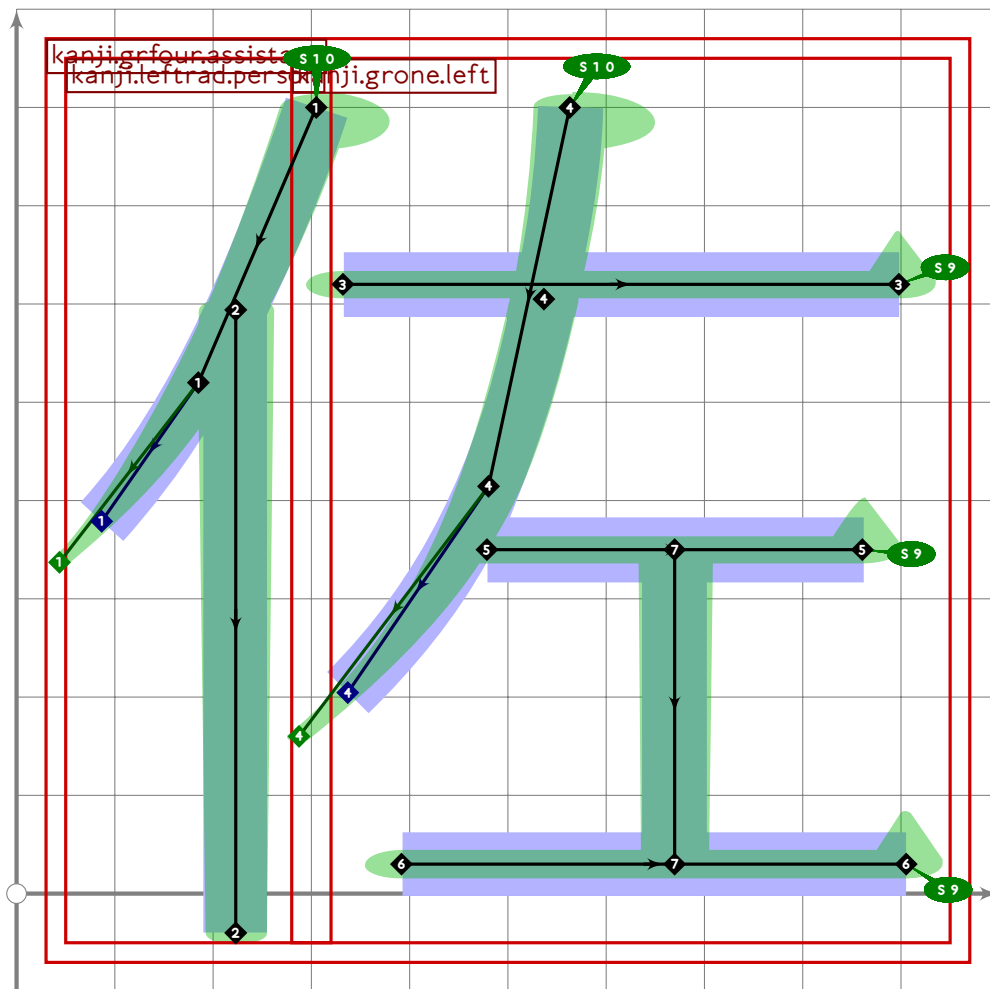
4F



```

81
82 vardef kanji.grthree.use =
83   push_pbox_toexpand("kanji.grthree.use");
84   build_kanji.lr(300,10)
85     (kanji.leftrad.person)
86     (kanji.greight.officer);
87   expand_pbox;
88 enddef;
89
90

```



4F

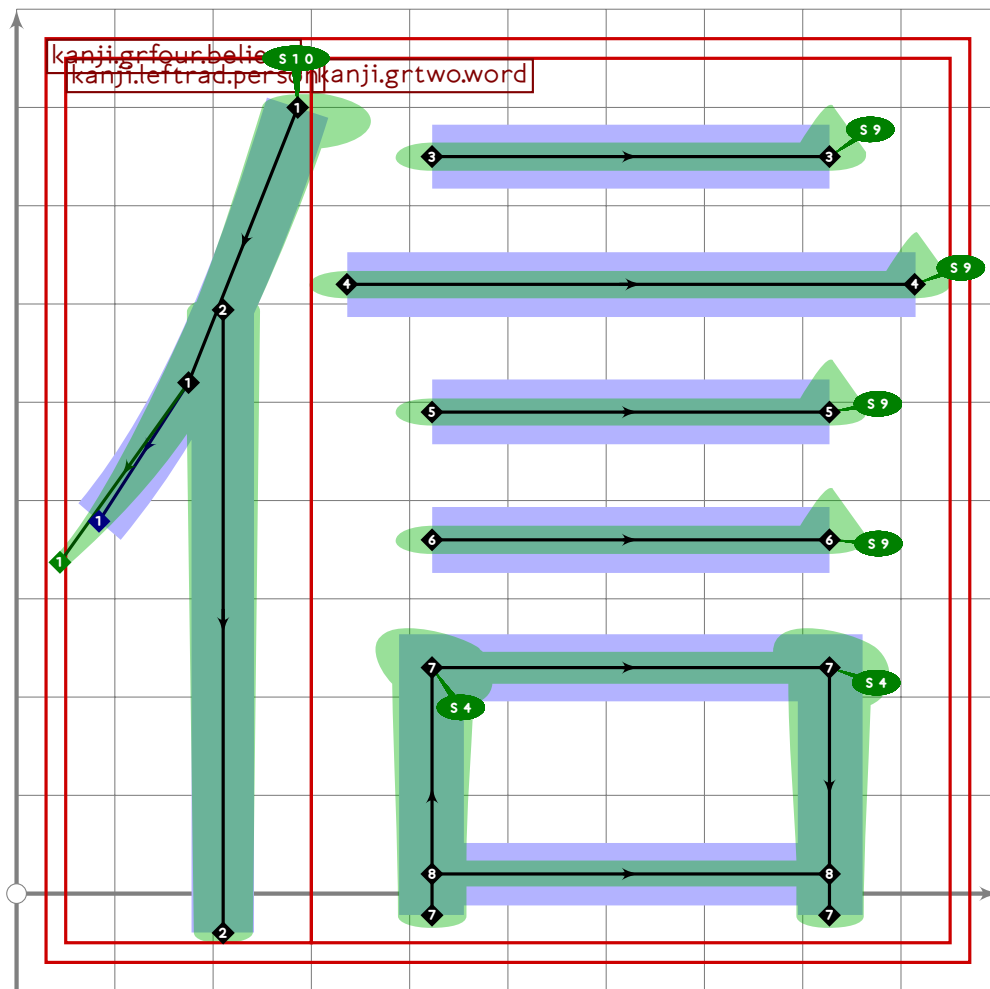
```

91
92 vardef kanji.grfour.assistant =
93   push_pbox__toexpand("kanji.grfour.assistant");
94   build_kanji.lr(300,40)
95   (kanji.leftrad.person)
96   (kanji.grone.left);
97   expand_pbox;
98 enddef;

```

U+4FE1  
tsuku.uni4FE1

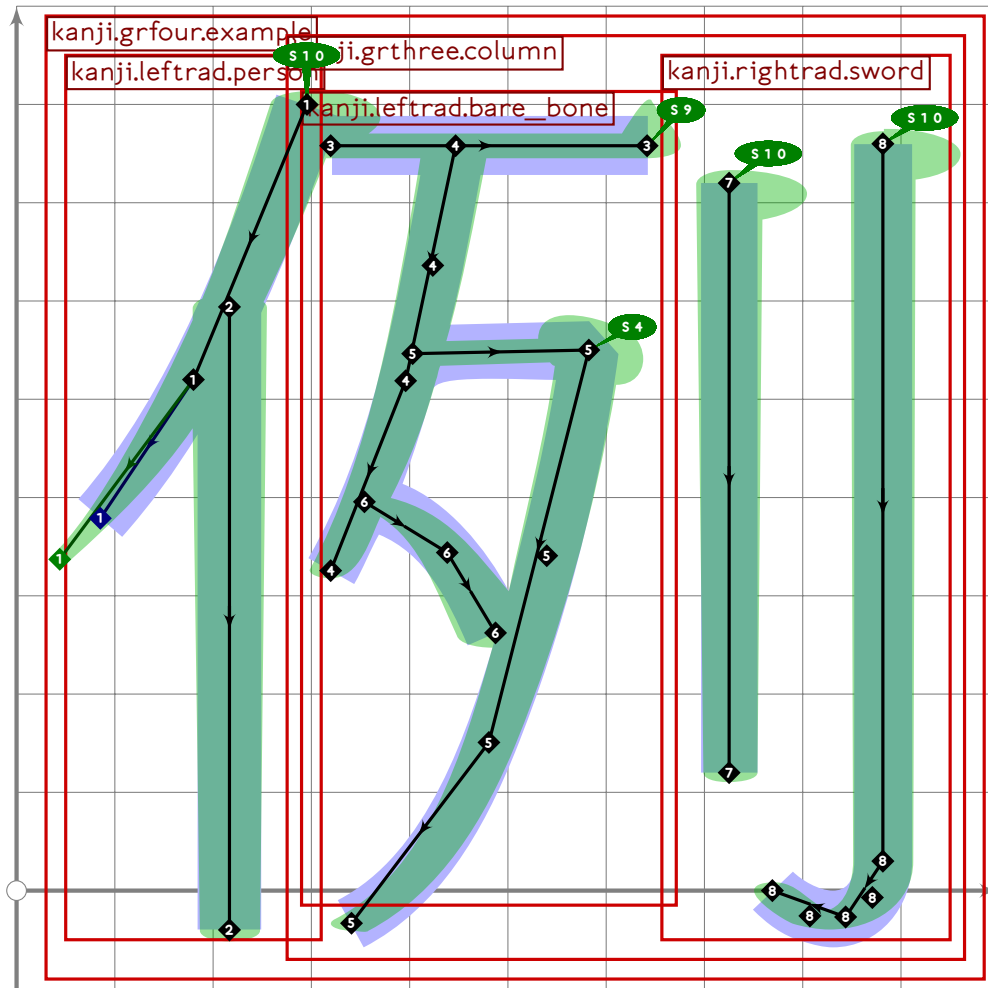
4F



```

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;

```



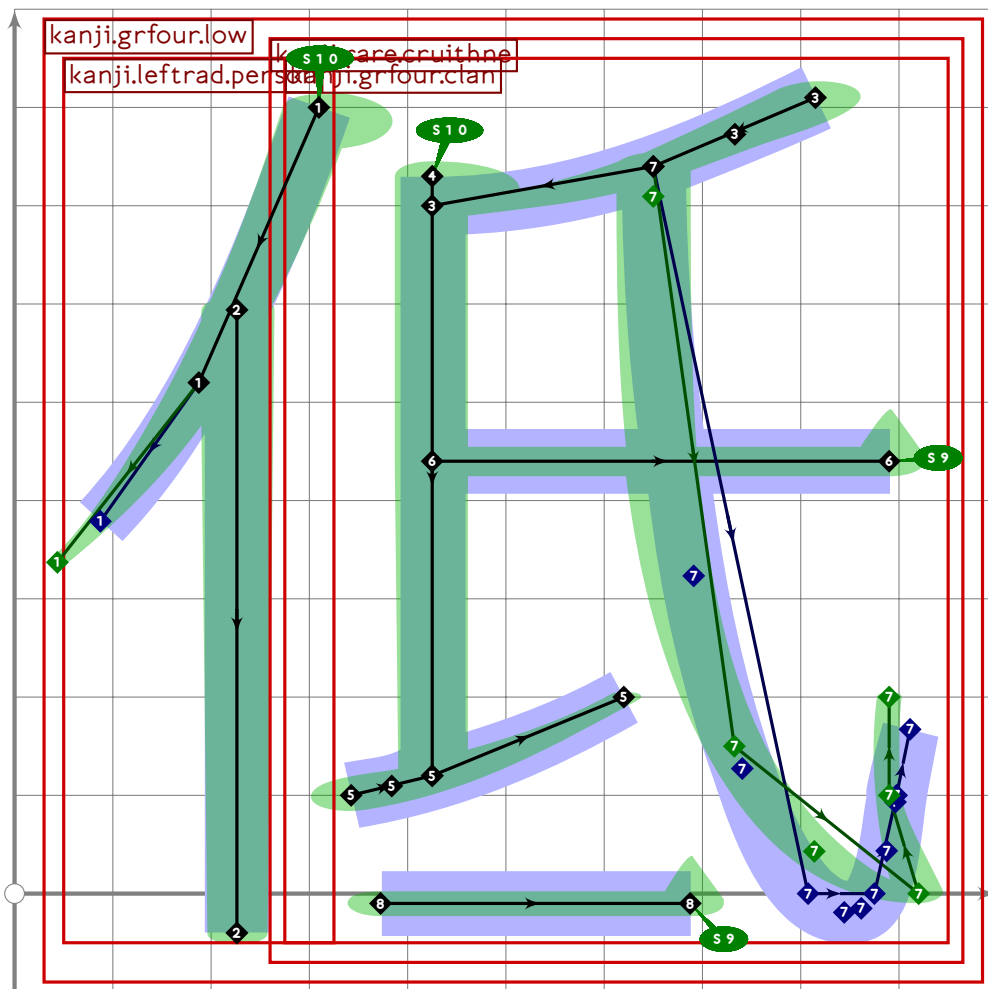
```

107
108 vardef kanji.grfour.example =
109   push_pbox_toexpand("kanji.grfour.example");
110   build_kanji.lr(300,20)
111     (kanji.leftrad.person)
112     (kanji.grthree.column);
113   expand_pbox;
114 enddef;

```

U+4F4E  
tsuku.uni4F4E

4F

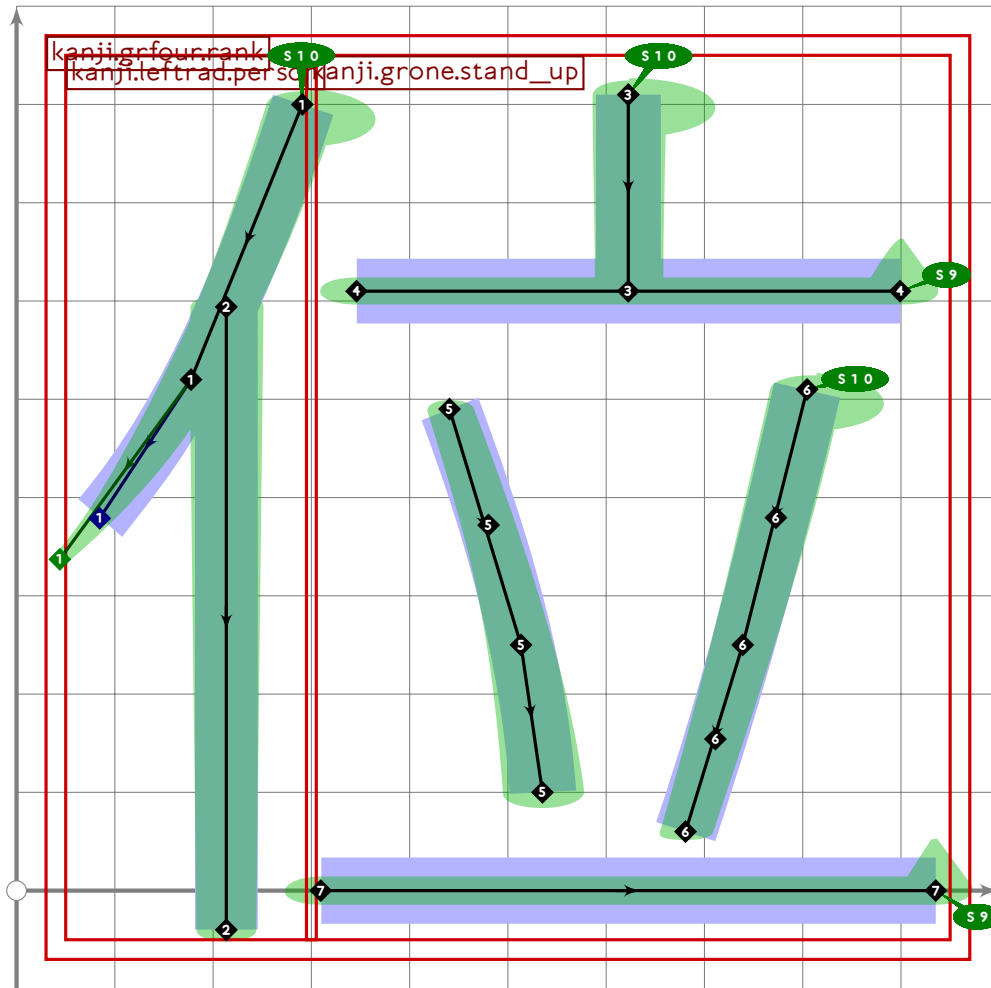


```

115
116 vardef kanji.grfour.low =
117   push_pbox_toexpand("kanji.grfour.low");
118   build_kanji.lr(300,50)
119     (kanji.leftrad.person)
120     (kanji.rare.cruithne);
121   expand_pbox;
122 enddef;

```





4F

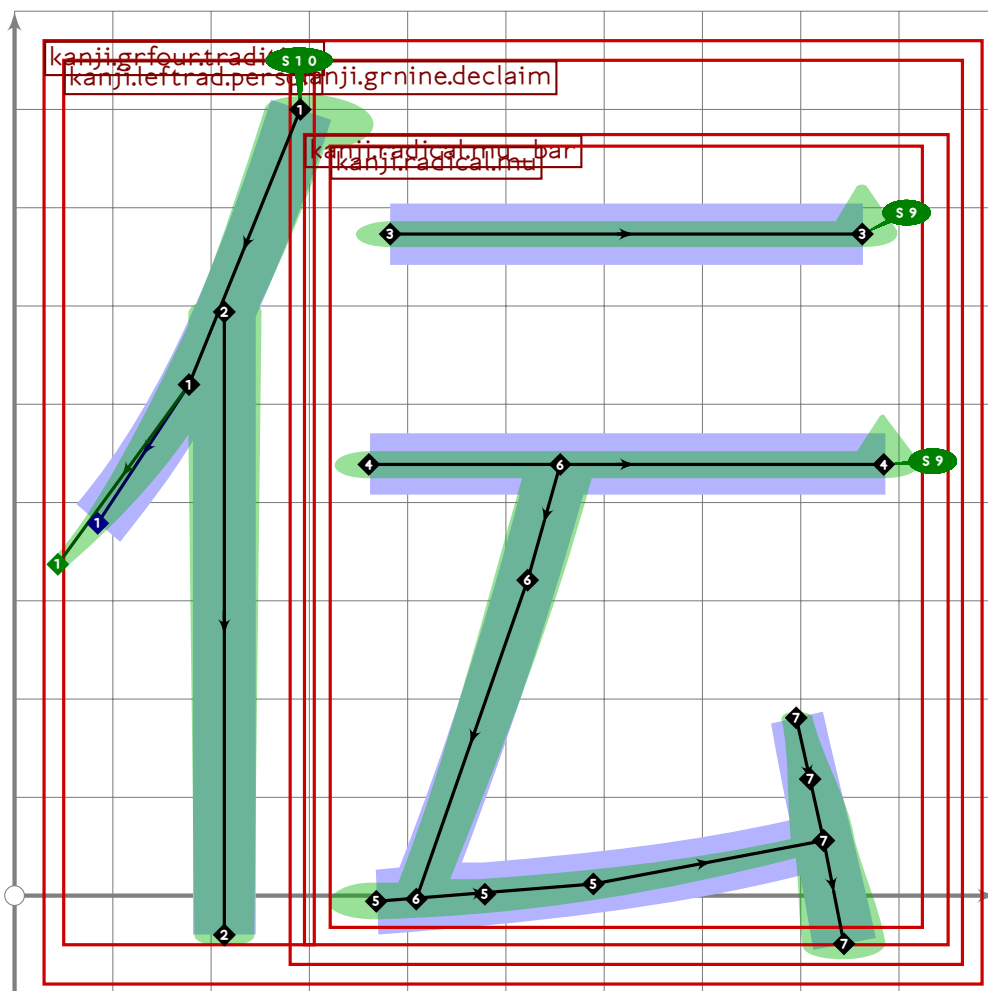
```

123
124 vardef kanji.grfour.rank =
125   push_pbox_toexpand("kanji.grfour.rank");
126   build_kanji.lr(300,10)
127   (kanji.leftrad.person)
128   (kanji.grone.stand_up);
129   expand_pbox;
130 enddef;

```

U+4F1D  
tsuku.uni4F1D

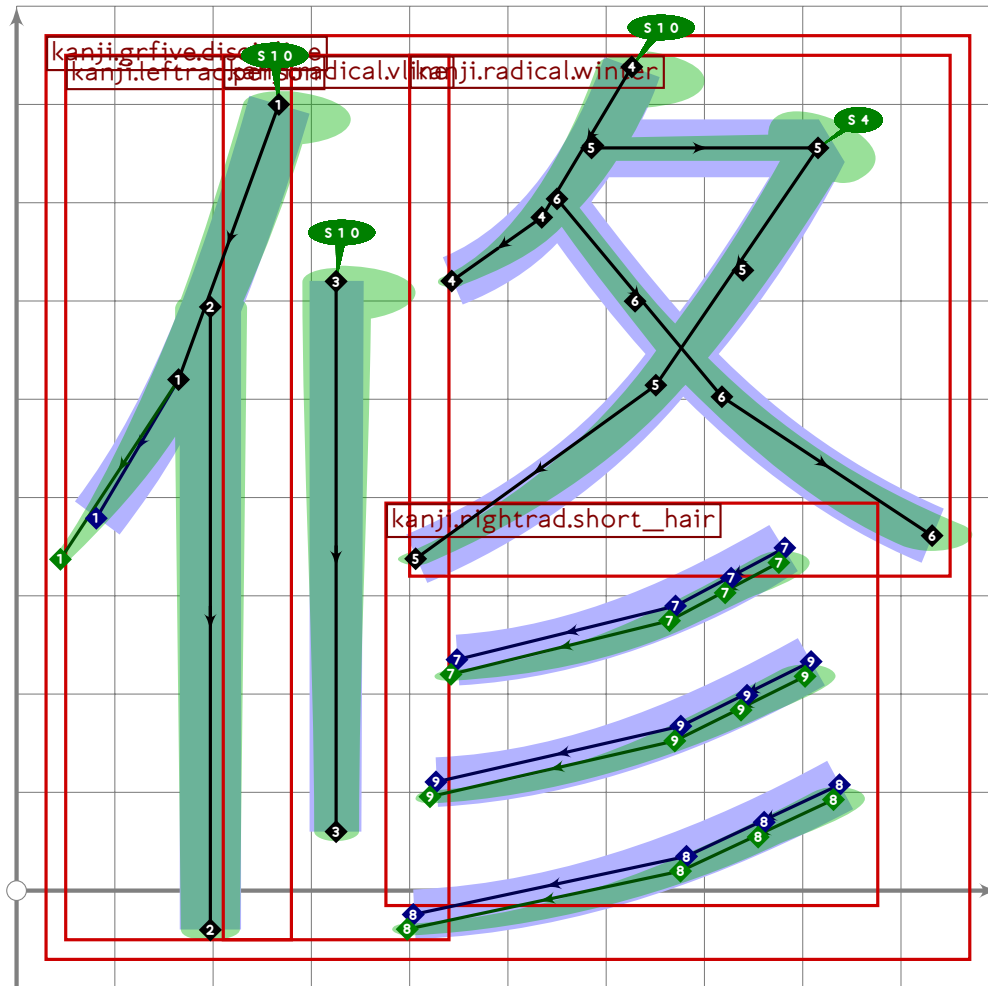
4F



```

131
132 vardef kanji.grfour.tradition =
133   push_pbox__toexpand("kanji.grfour.tradition");
134   build_kanji.lr(300,10)
135     (kanji.leftrad.person)
136     (kanji.grnine.declaim);
137   expand_pbox;
138 enddef;
139
140

```

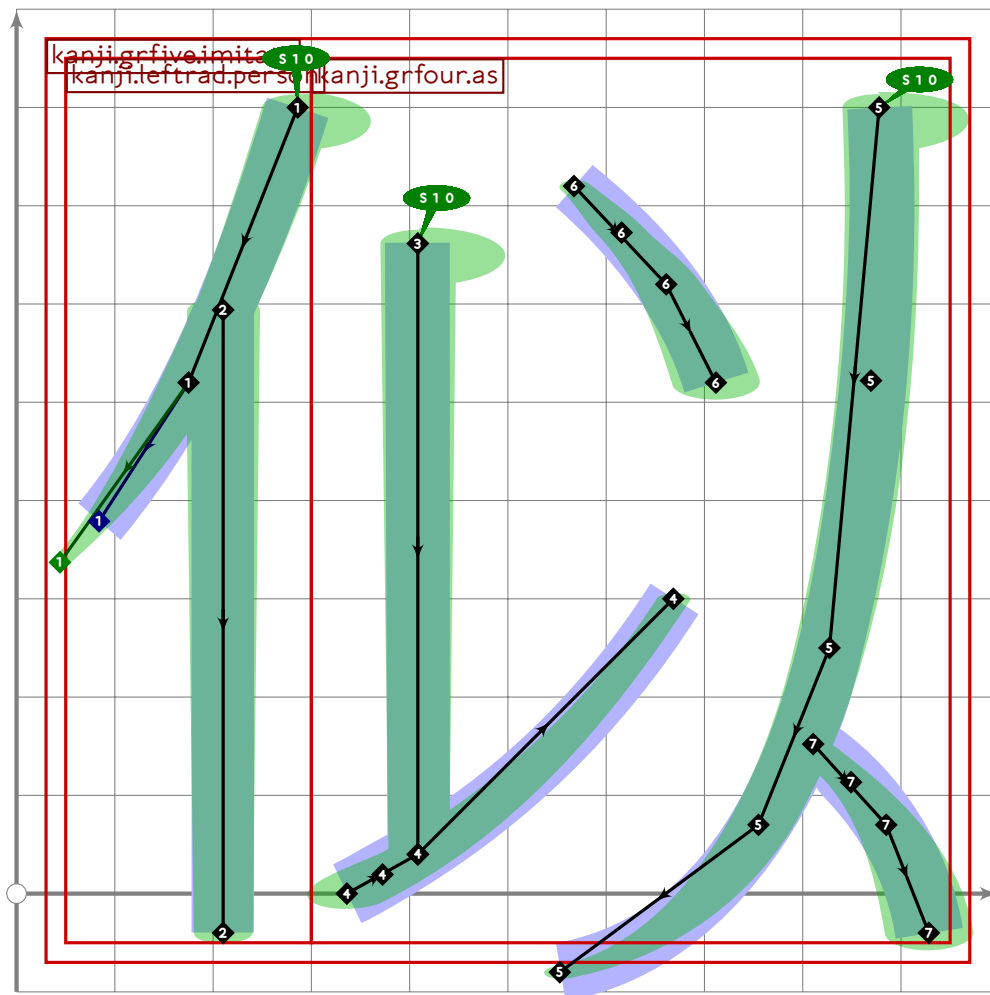


4F

```

141
142 vardef kanji.grfive.discipline =
143   push_pbox__toexpand("kanji.grfive.discipline");
144   build_kanji.lr(420,40)
145     (build_kanji.lr(500,160)
146       (kanji.leftrad.person)
147       (kanji.radical.vline;
148         replace_strokep(0)(subpath (0.2,0,9) of oldp)))
149     (build_kanji.tb(360,80)
150       (kanji.radical.winter)
151       (build_kanji.sscale(scaled 0.91 shifted (-80-10*mincho,30-30*mincho))
152         (kanji.rightrad.short_hair)));
153   expand_pbox;
154 enddef;

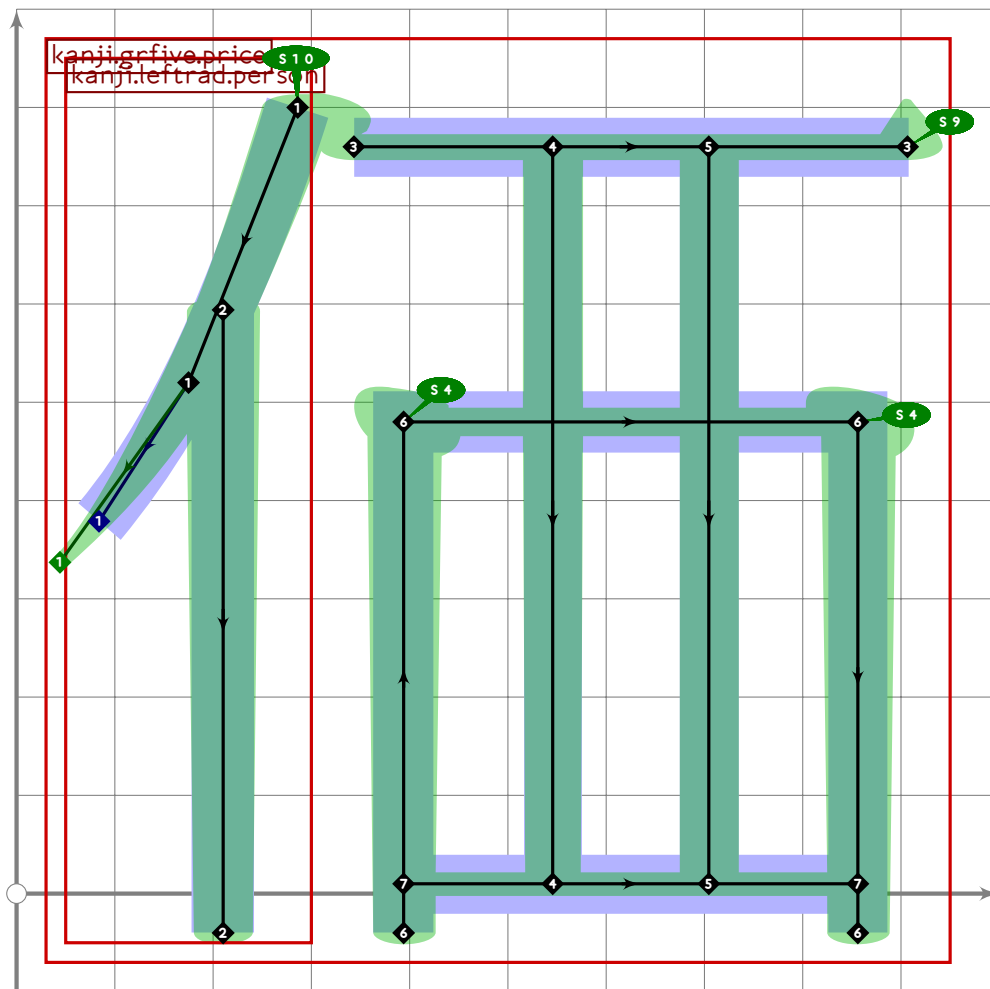
```



```

155
156 vardef kanji.grfive.imitate =
157   push_pbox__toexpand("kanji.grfive.imitate");
158   build_kanji.lr(300,0)
159   (kanji.leftrad.person)
160   (kanji.grfour.as;
161     replace_stroke(-4)(subpath (0.16,infinity) of oldp));
162   expand_pbox;
163 enddef;

```



4F

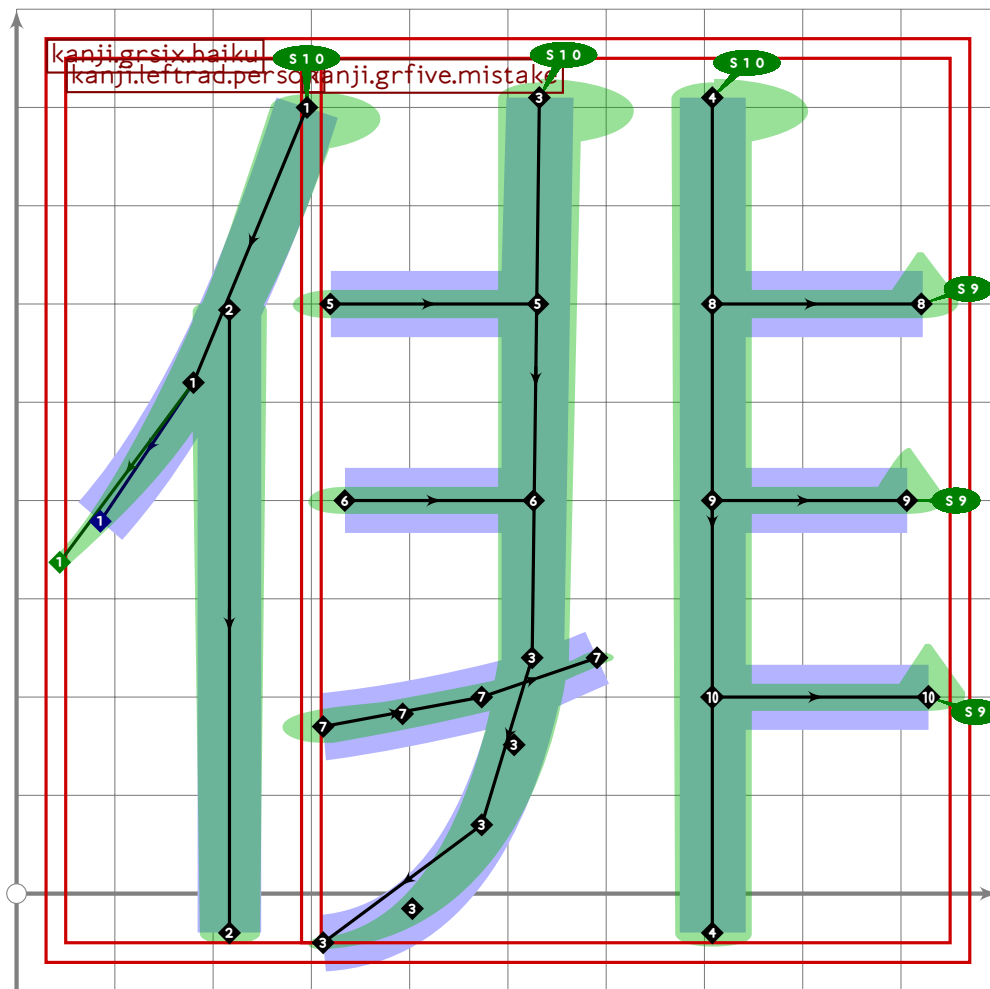
```

164
165 vardef kanji.grfive.price =
166   push_pbox__toexpand("kanji.grfive.price");
167   build_kanji.lr(300,0)
168     (kanji.leftrad.person)
169     (build_kanji.thickness(0.92)
170       (push_stroke((110,760)-(890,760),(1.6,1.6)-(1.6,1.6));
171         set_boserif(0,1.9);
172         push_stroke((390,760)-(390,10),(1.5,1.5)-(1.4,1.4));
173         push_stroke((610,760)-(610,10),(1.5,1.5)-(1.4,1.4));
174         build_kanji.box((180,480),(820,10)))));
175   expand_pbox;
176   enddef;
177
178

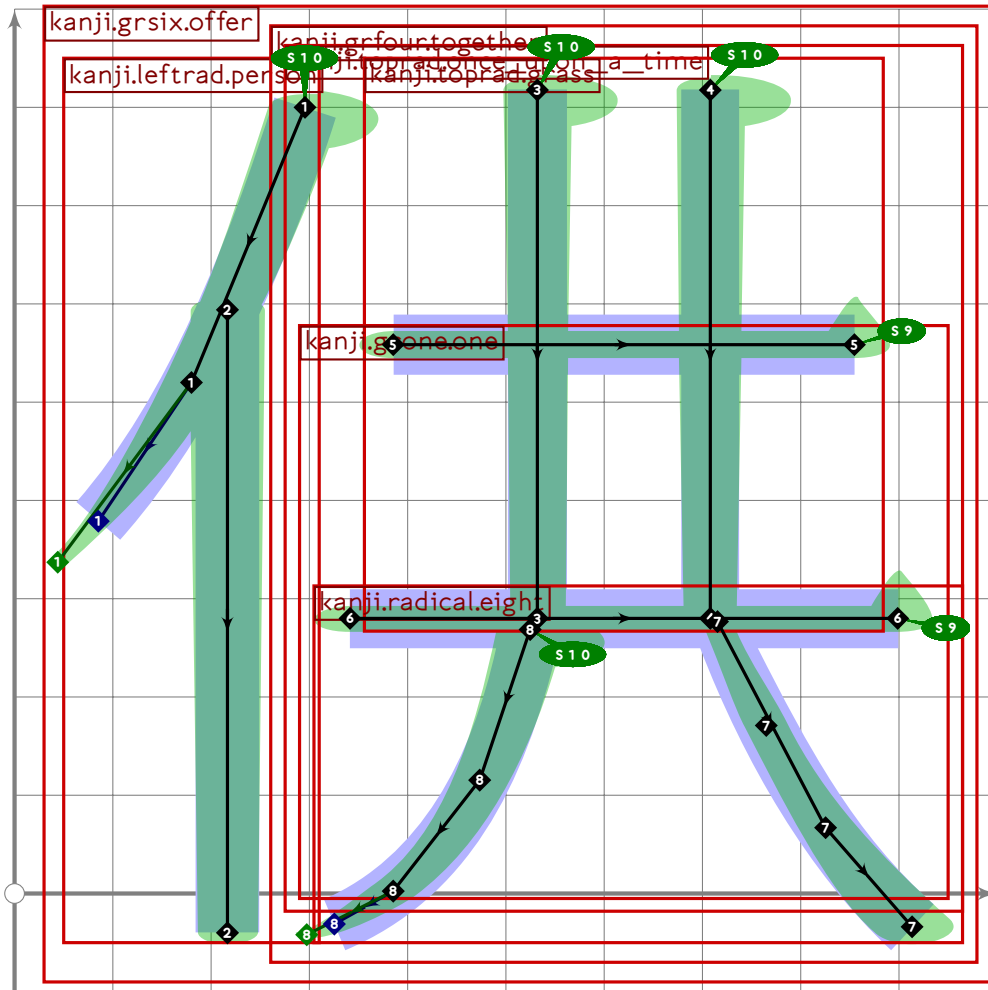
```

U+4FF3  
tsuku.uni4FF3

4F



```
179
180 vardef kanji.grsix.haiku =
181   push_pbox_toexpand("kanji.grsix.haiku");
182   build_kanji.lr(300,20)
183     (kanji.leftrad.person)
184     (kanji.grfive.mistake);
185   expand_pbox;
186 enddef;
```



4F

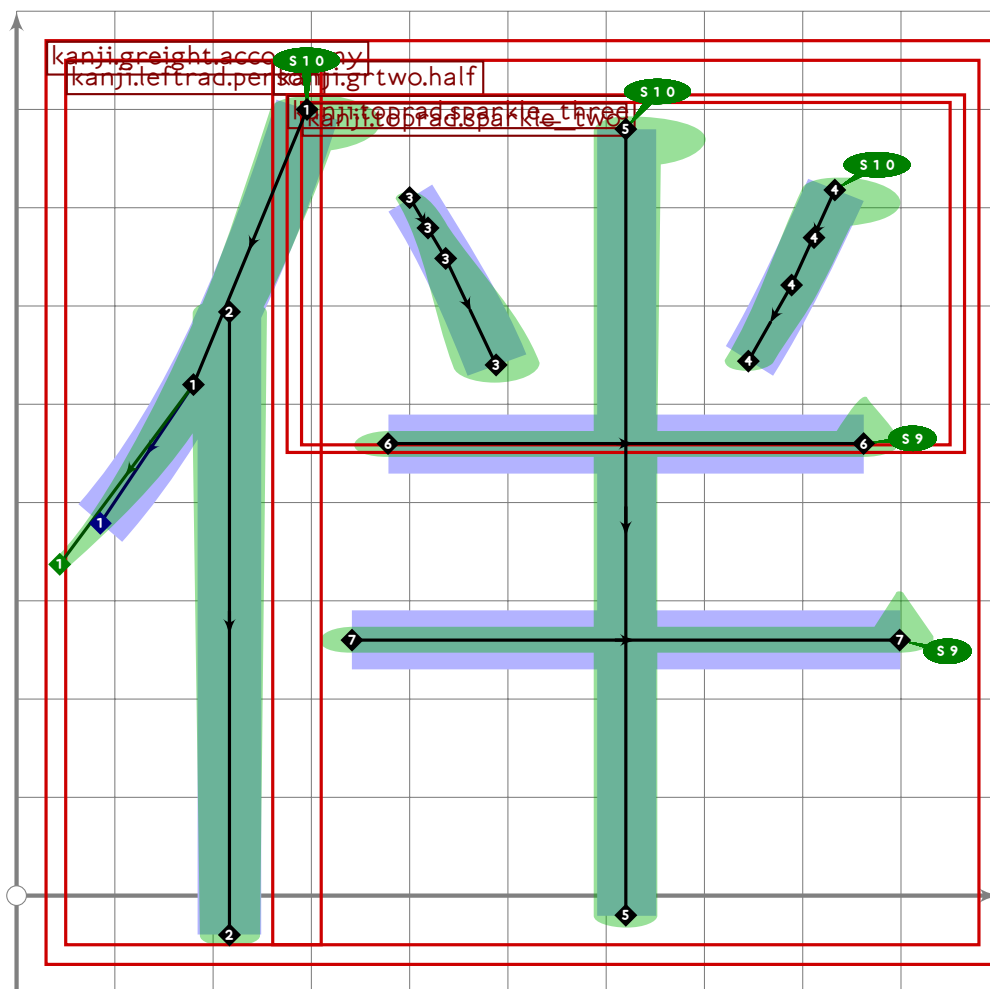
```

187
188 vardef kanji.grsix.offer =
189   push_pbox_toexpand("kanji.grsix.offer");
190   build_kanji.lr(300,20)
191     (kanji.leftrad.person)
192     (kanji.grfour.together);
193   expand_pbox;
194 enddef;
195
196

```

U+4F34  
tsuku.uni4F34

4F

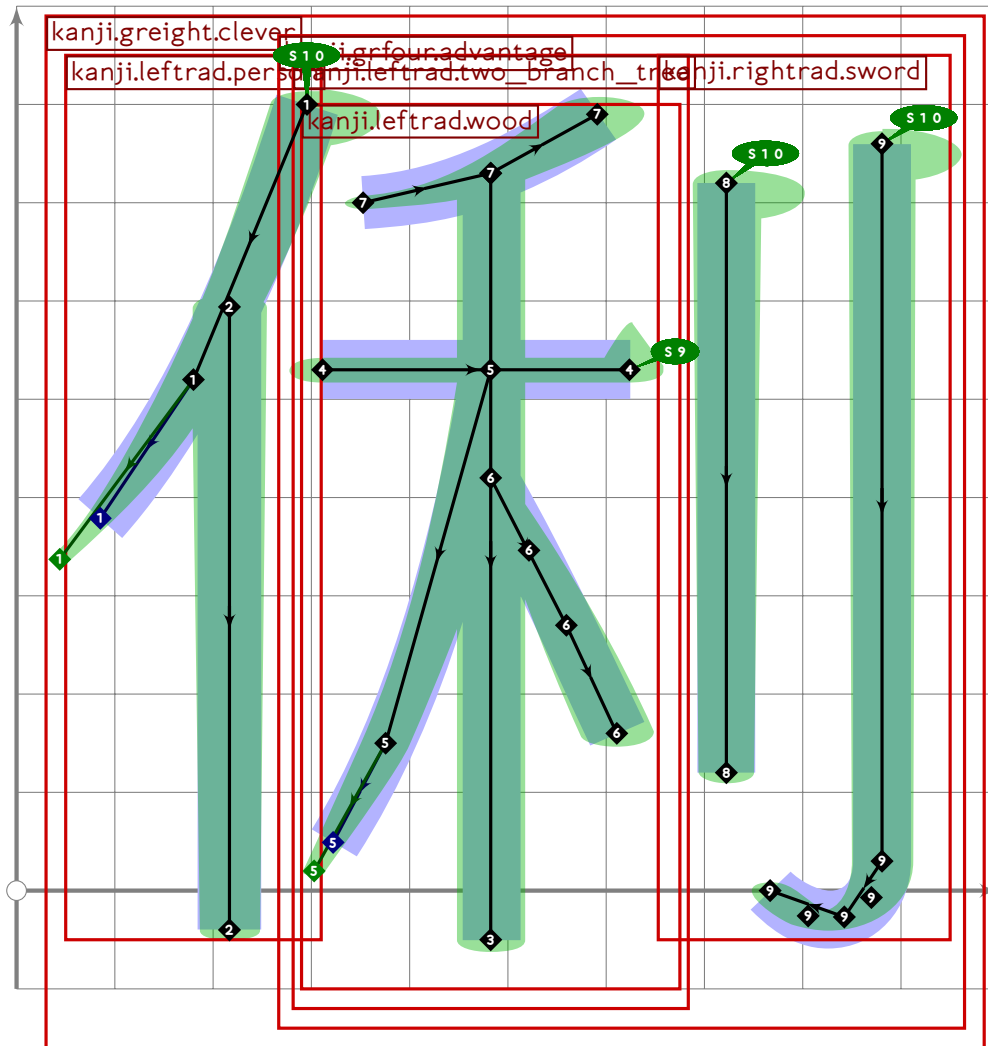


```

197
198 vardef kanji.greight.accompany =
199   push_pbox__toexpand("kanji.greight.accompany");
200   build_kanji.lr(300,20)
201     (kanji.leftrad.person)
202     (kanji.grtwo.half);
203   expand_pbox;
204 enddef;

```





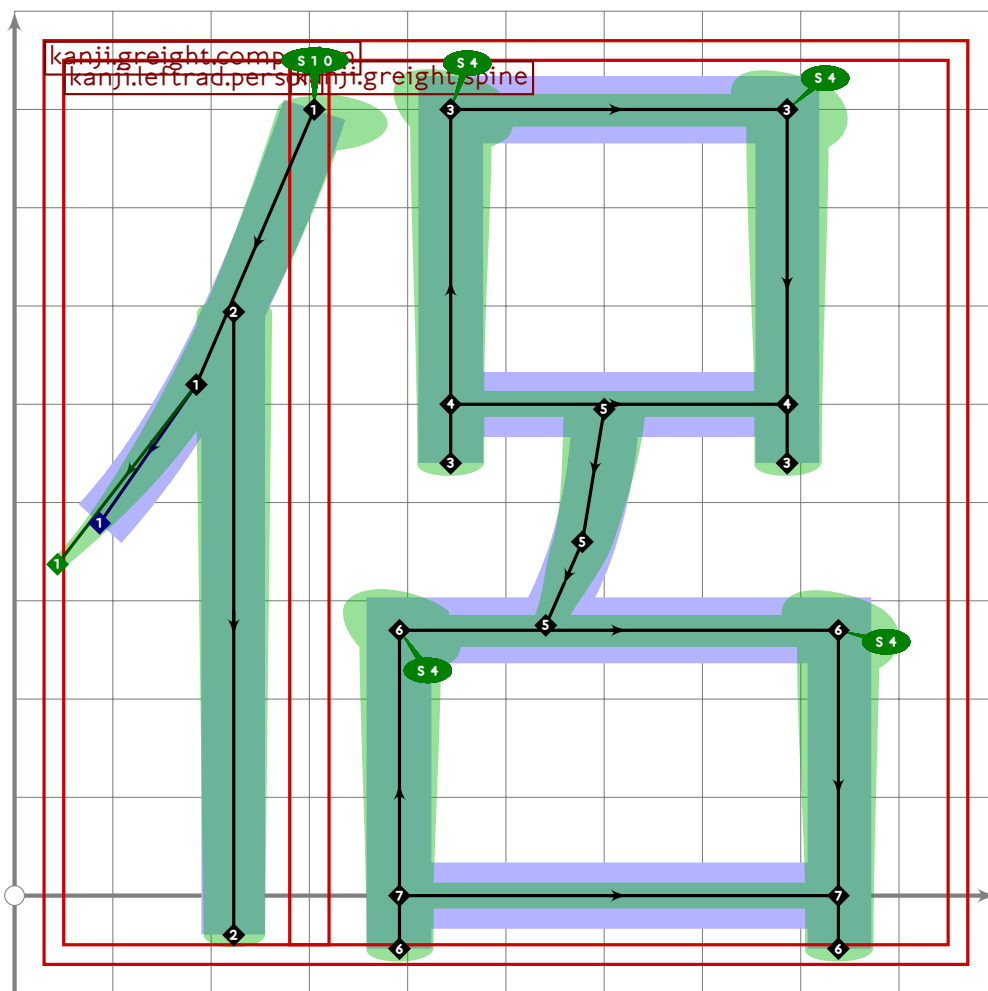
```

205
206 vardef kanji.greight.clever =
207   push_pbox_toexpand("kanji.greight.clever");
208   build_kanji.lr(300,20)
209     (kanji.leftrad.person)
210     (kanji.grfour.advantage);
211   expand_pbox;
212 enddef;

```

U+4FB6  
tsuku.uni4FB6

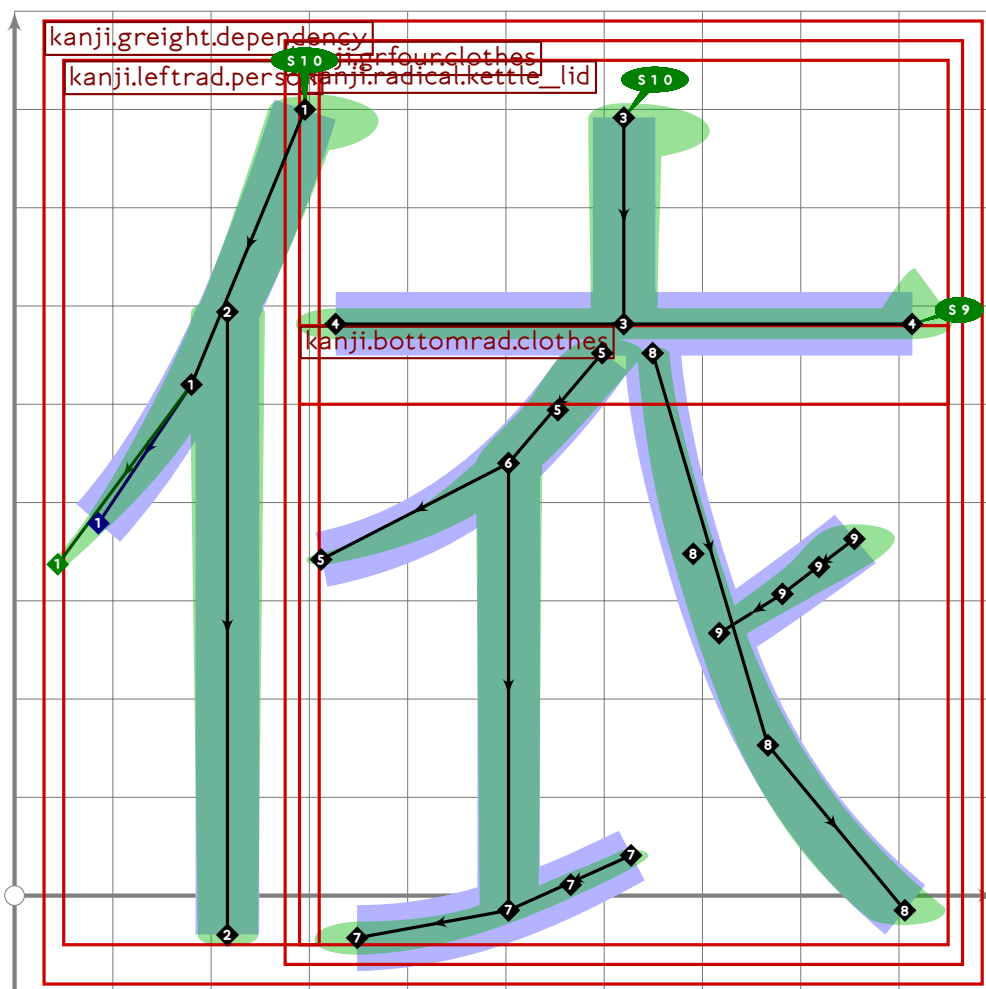
4F



```

213
214 vardef kanji.greight.companion =
215   push_pbox_toexpand("kanji.greight.companion");
216   build_kanji.lr(300,40)
217     (kanji.leftrad.person)
218     (kanji.greight.spine);
219   expand_pbox;
220 enddef;

```



4F

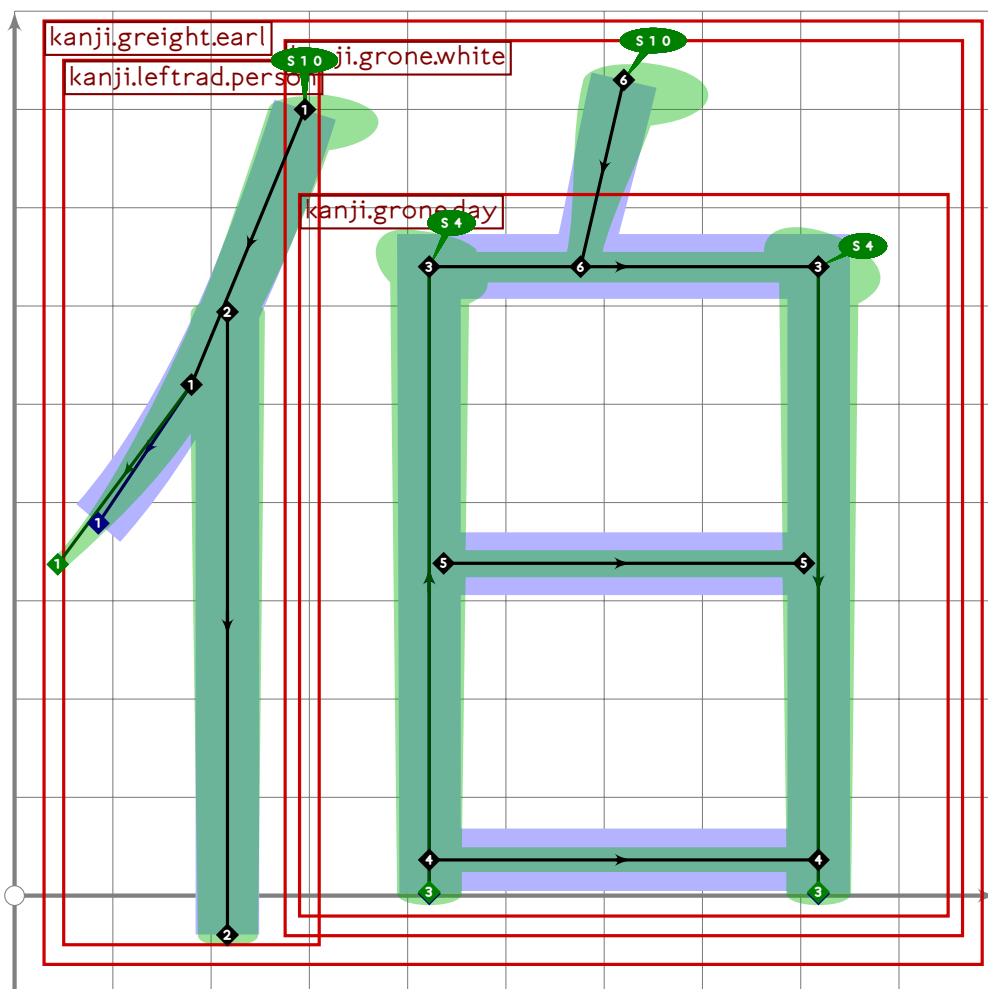
```

221
222 vardef kanji.greight.dependency =
223   push_pbox__toexpand("kanji.greight.dependency");
224   build_kanji.lr(300,20)
225     (kanji.leftrad.person)
226     (kanji.grfour.clothes);
227   expand_pbox;
228 enddef;

```

U+4F2F  
tsuku.uni4F2F

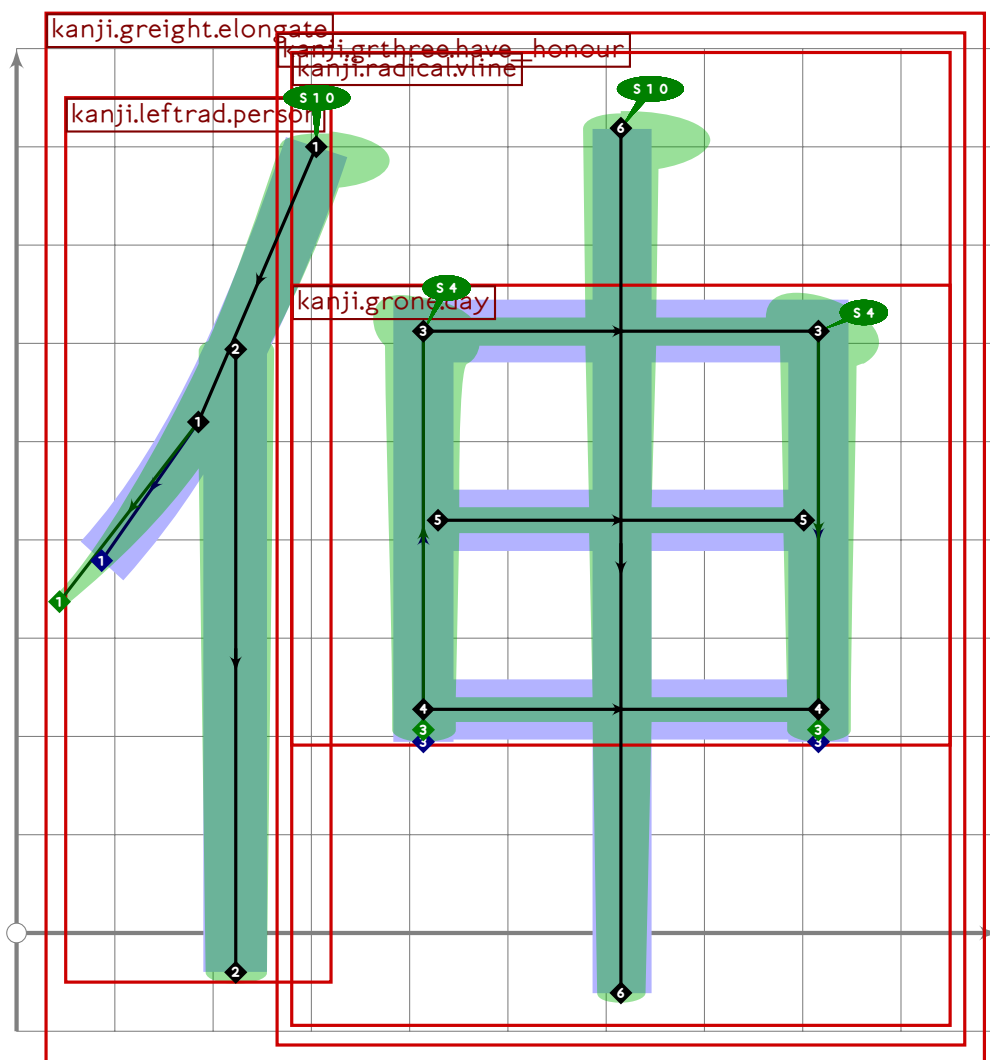
4F



```

229
230 vardef kanji.greight.earl =
231   push_pbox_toexpand("kanji.greight.earl");
232   build_kanji.lr(300,20)
233     (kanji.leftrad.person)
234     (build_kanji.sscale(shifted (0,20))(kanji.gronewhite));
235   expand_pbox;
236 enddef;

```



4F

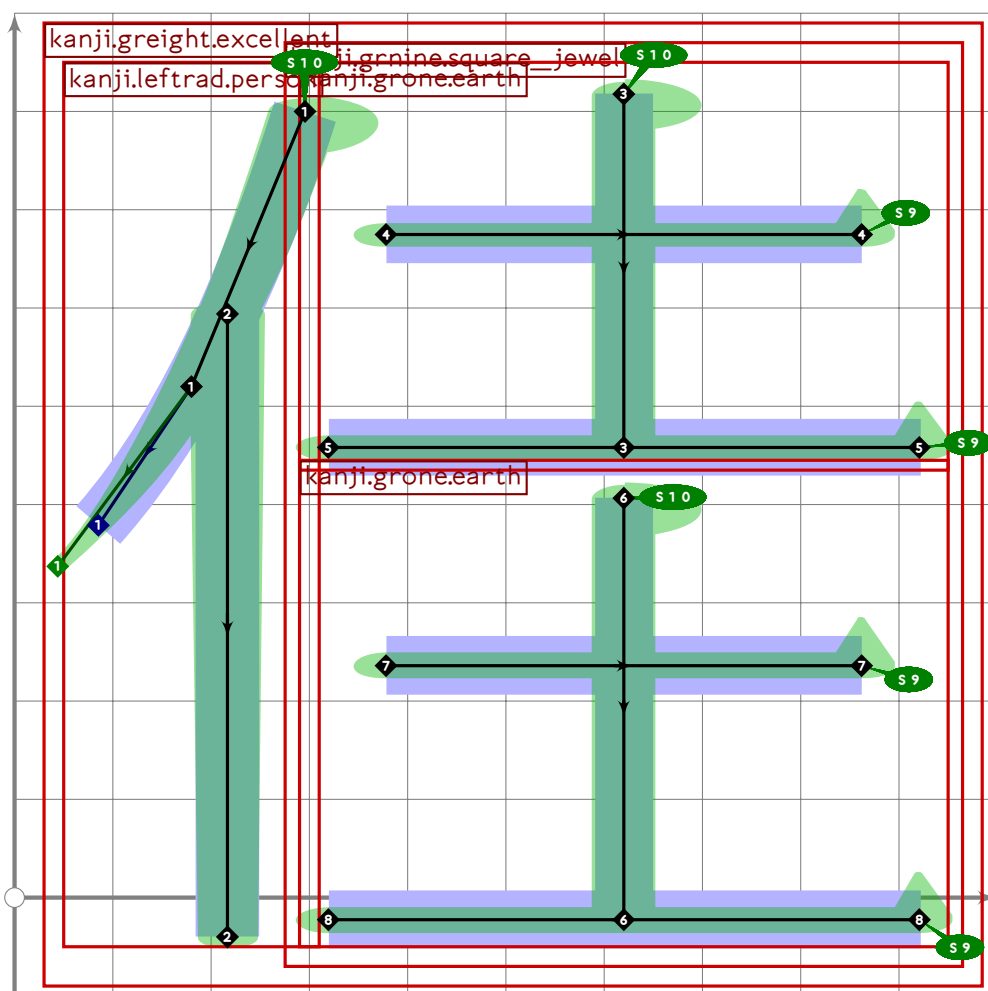
```

237
238 vardef kanji.greight.elongate =
239   push_pbox_toexpand("kanji.greight.elongate");
240   build_kanji.lr(300,40)
241     (kanji.leftrad.person)
242     (kanji.grthree.have_honour);
243   expand_pbox;
244 enddef;

```

U+4F73  
tsuku.uni4F73

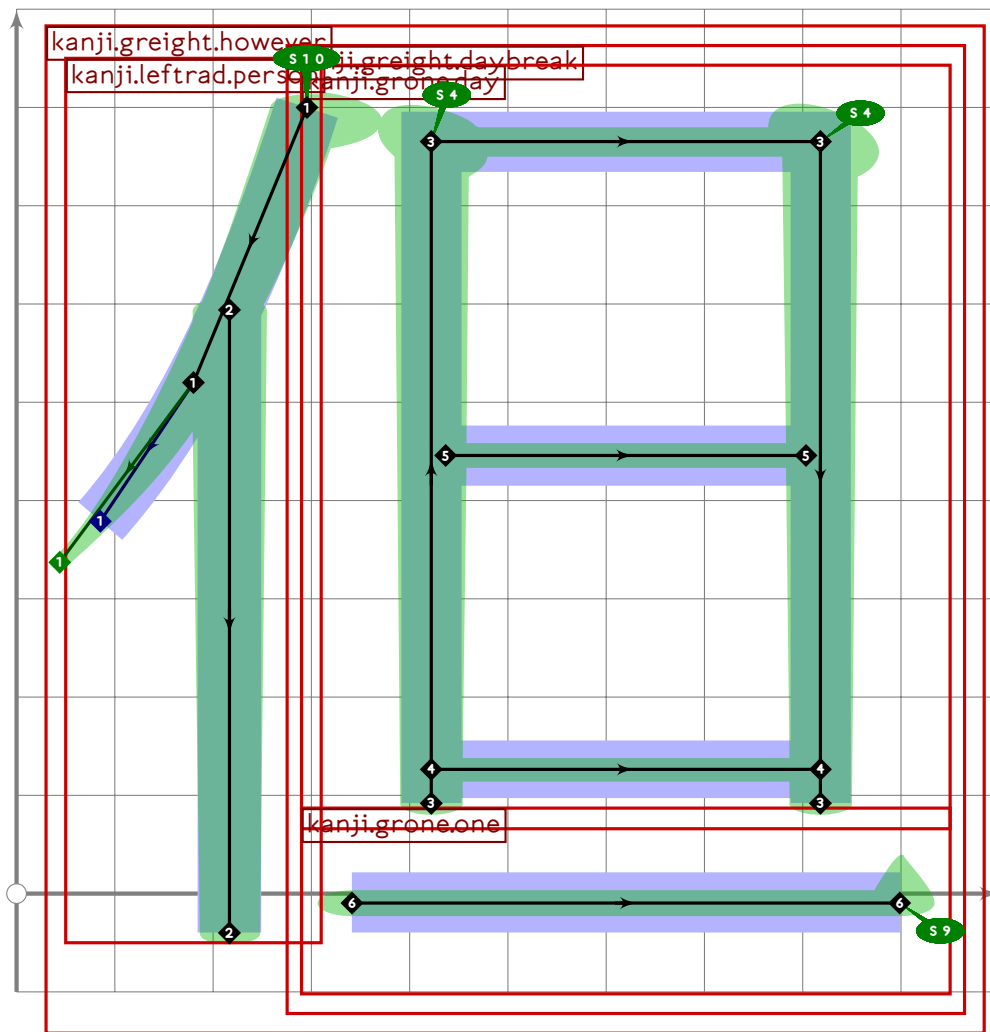
4F



```

245
246 vardef kanji.greight.excellent =
247   push_pbox_toexpand("kanji.greight.excellent");
248   build_kanji.lr(300,20)
249     (kanji.leftrad.person)
250     (kanji.grnine.square_jewel);
251   expand_pbox;
252 enddef;

```



4F

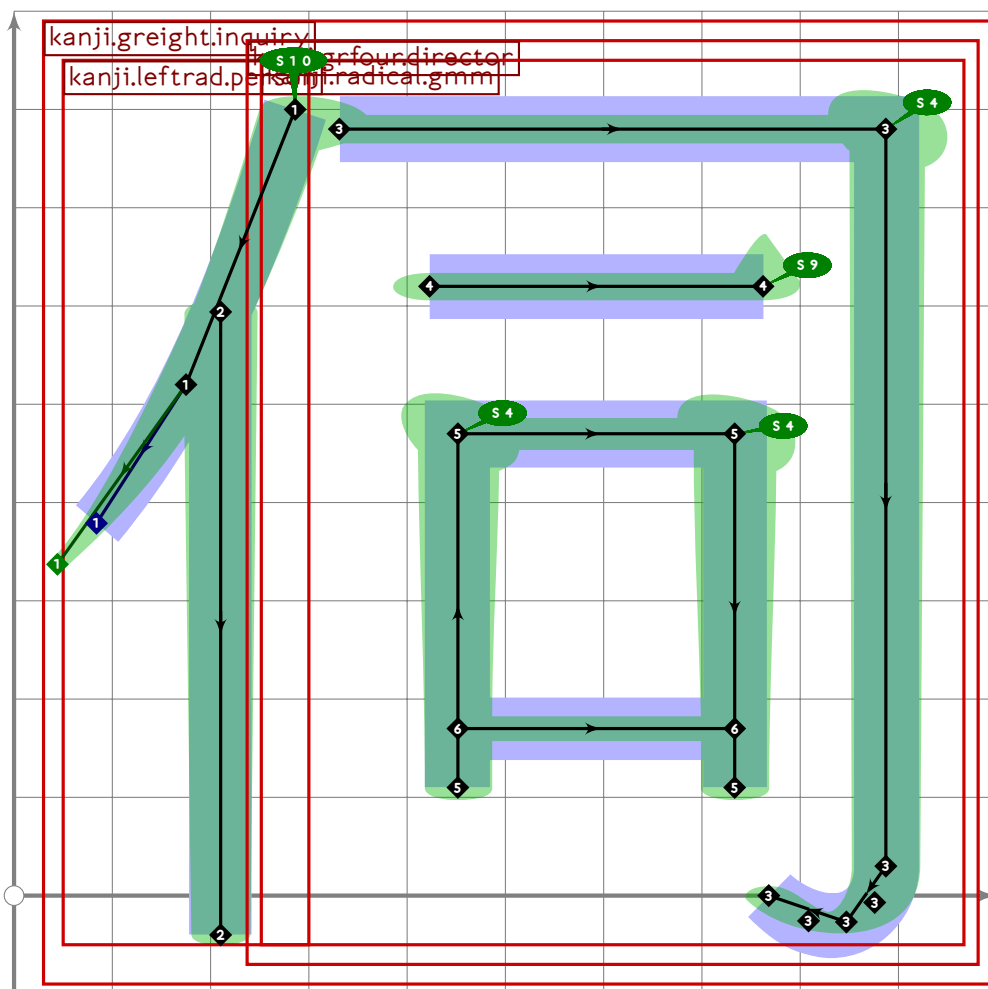
```

253
254 vardef kanji.greight.however =
255   push_pbox_toexpand("kanji.greight.however");
256   build_kanji.lr(300,20)
257     (kanji.leftrad.person)
258     (kanji.greight.daybreak);
259   expand_pbox;
260 enddef;

```

U+4F3A  
tsuku.uni4F3A

4F

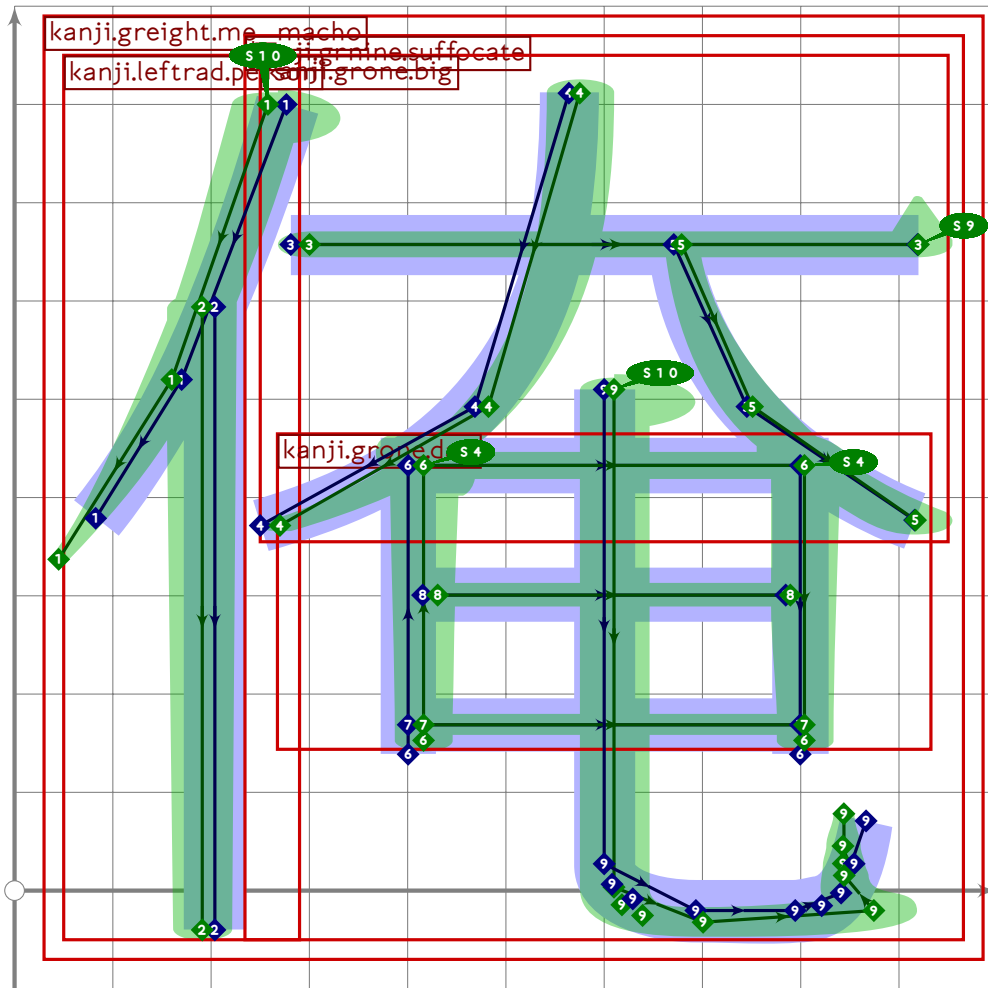


```

261
262 vardef kanji.greight.inquiry =
263   push_pbox_toexpand("kanji.greight.inquiry");
264   build_kanji.lr(300,0)
265     (kanji.leftrad.person)
266     (kanji.grfour.director);
267   expand_pbox;
268 enddef;

```





4F

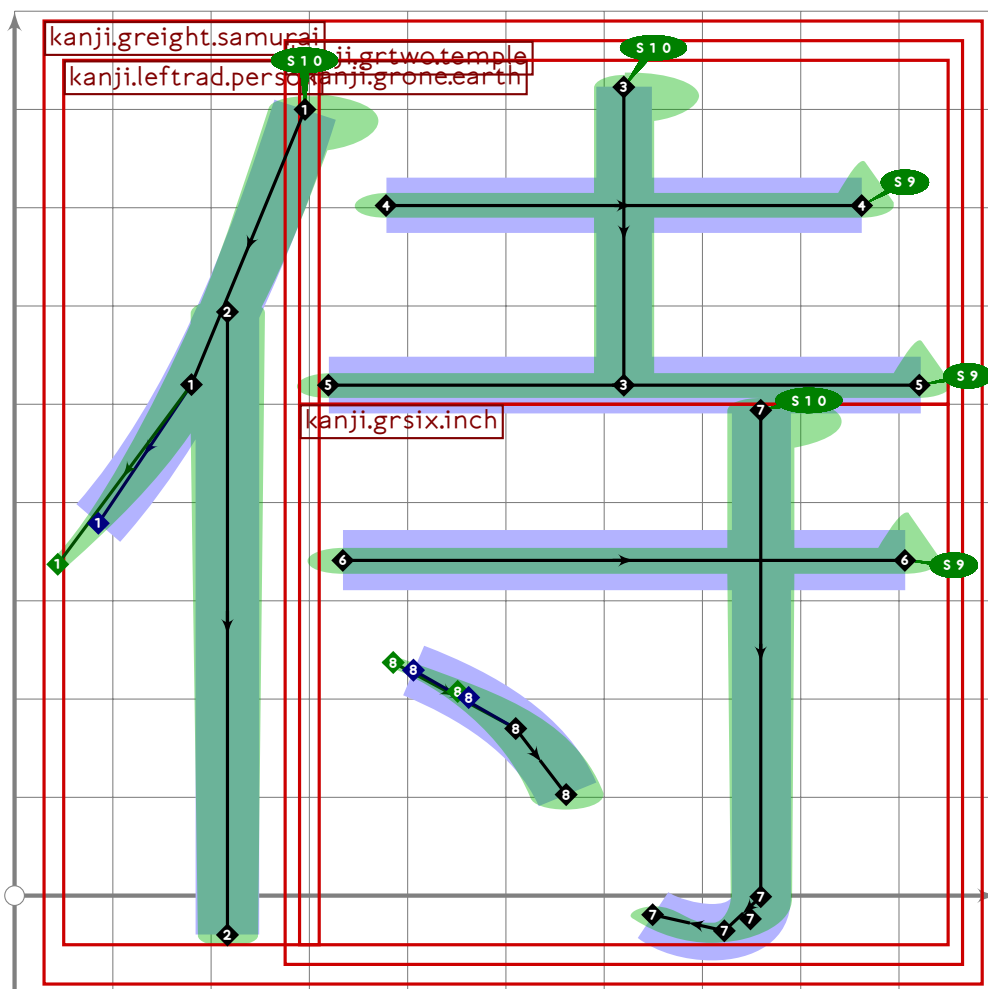
```

269
270 vardef kanji.greight.me_macho =
271   push_pbox_toexpand("kanji.greight.me_macho");
272   build_kanji.lr(27040*(1-mincho))
273   (kanji.leftrad.person)
274   (kanji.grnine.suffocate);
275   expand_pbox;
276 enddef;

```

U+4F8D  
tsuku.uni4F8D

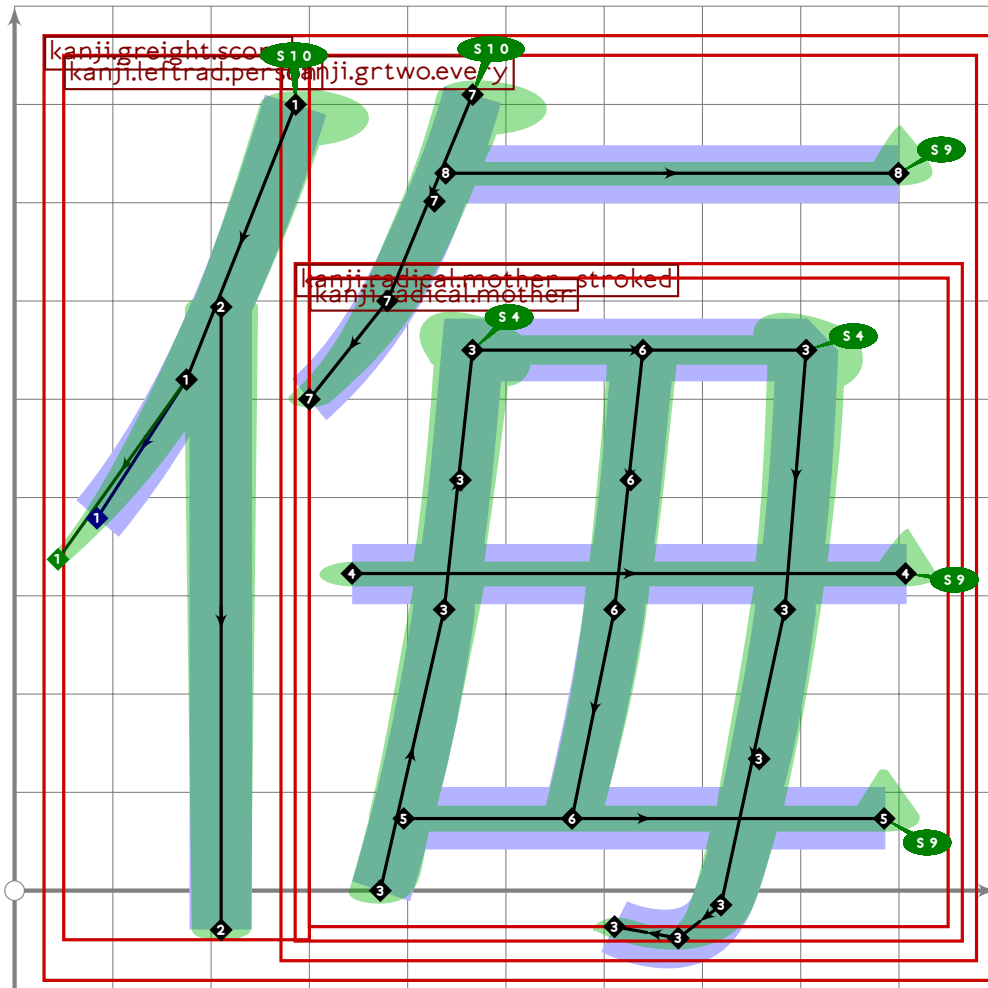
4F



```

277
278 vardef kanji.greight.samurai =
279   push_pbox_toexpand("kanji.greight.samurai");
280   build_kanji.lr(300,20)
281     (kanji.leftrad.person)
282     (kanji.grtwo.temple);
283   expand_pbox;
284 enddef;

```



4F

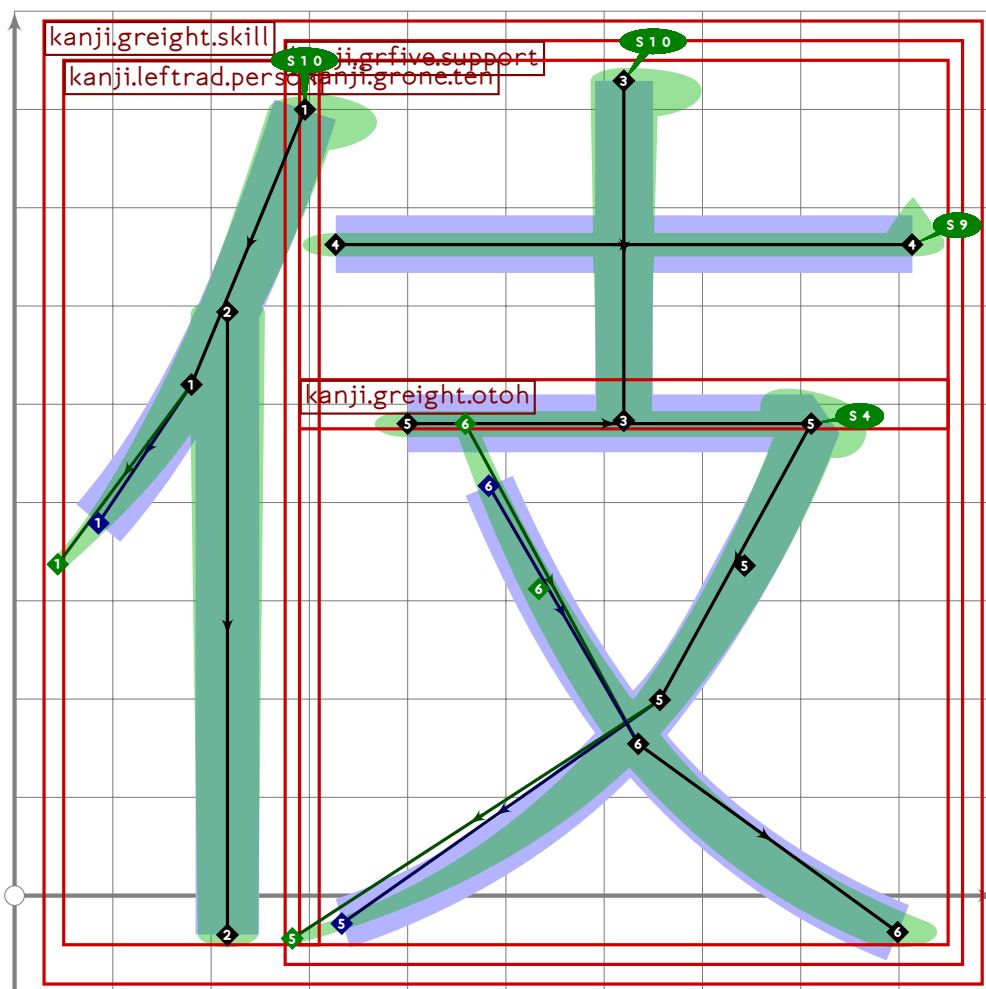
```

285
286 vardef kanji.greight.scor =
287   push_pbox__toexpand("kanji.greight.scor");
288   build_kanji.lr(300,0)
289     (kanji.leftrad.person)
290     (kanji.grtwo.every);
291   expand_pbox;
292 enddef;

```

U+4F0E  
tsuku.uni4F0E

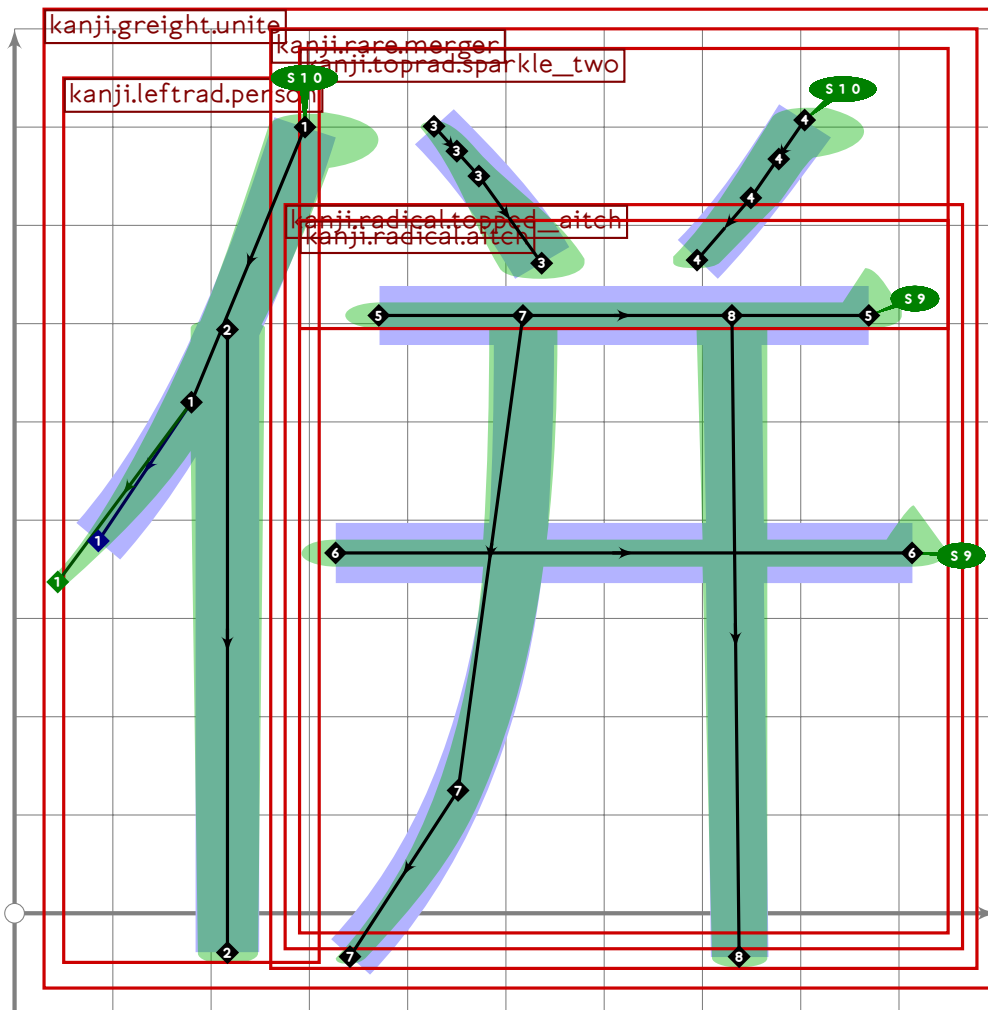
4F



```

293
294 vardef kanji.greight.skill =
295   push_pbox_toexpand("kanji.greight.skill");
296   build_kanji.lr(300,20)
297     (kanji.leftrad.person)
298     (kanji.grfive.support);
299   expand_pbox;
300 enddef;

```



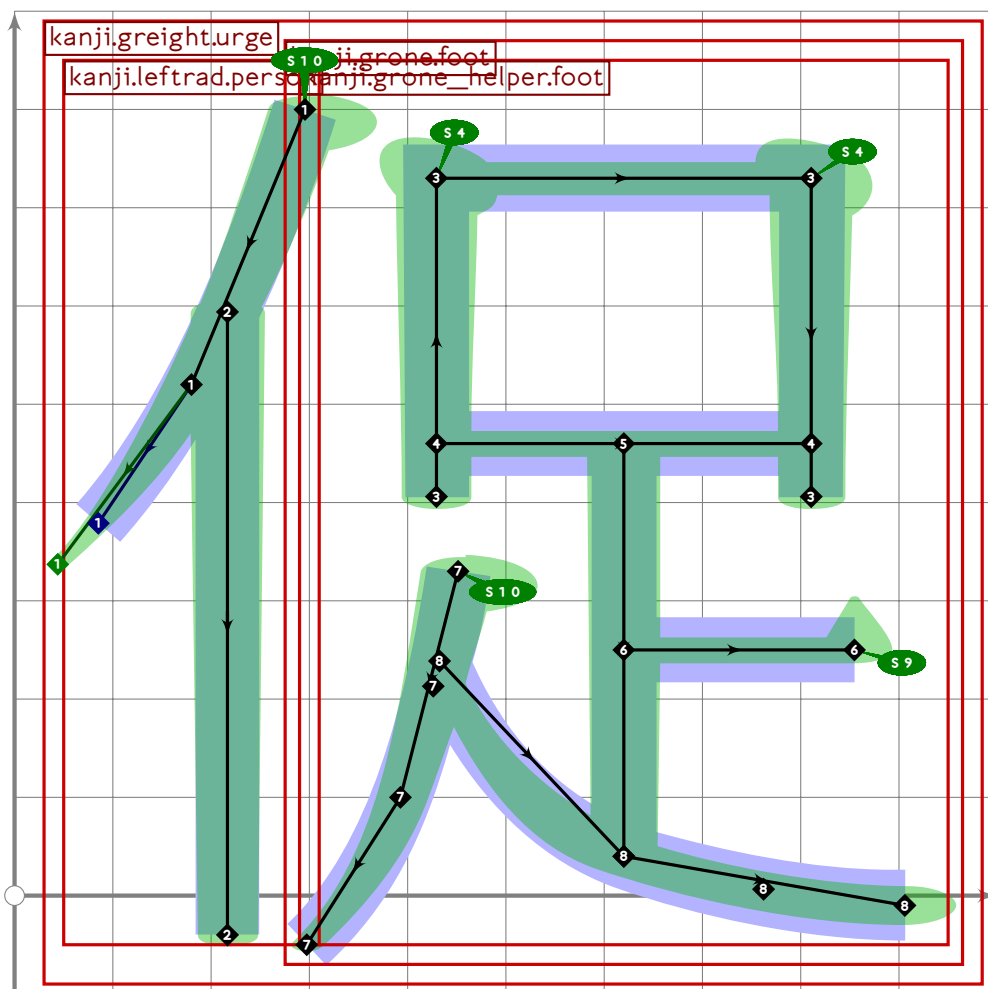
```

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

```

U+4FC3  
tsuku.uni4FC3

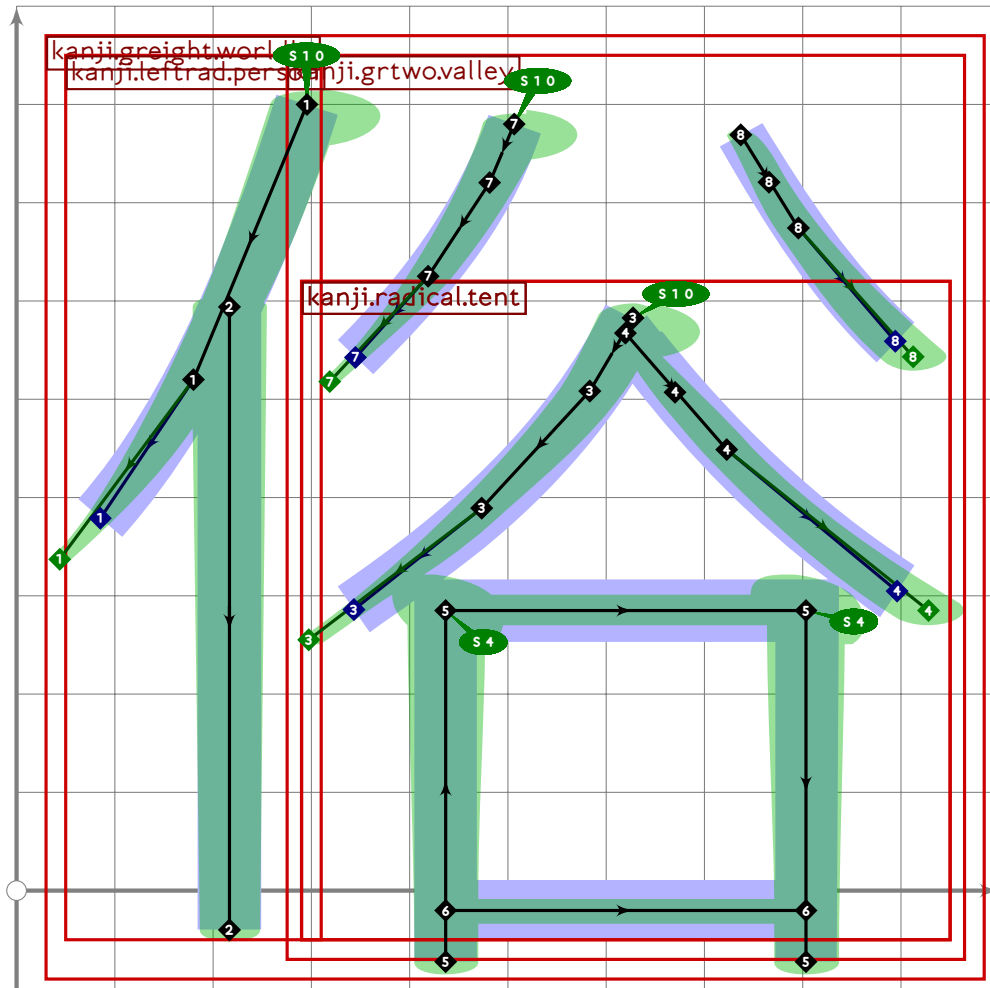
4F



```

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

```



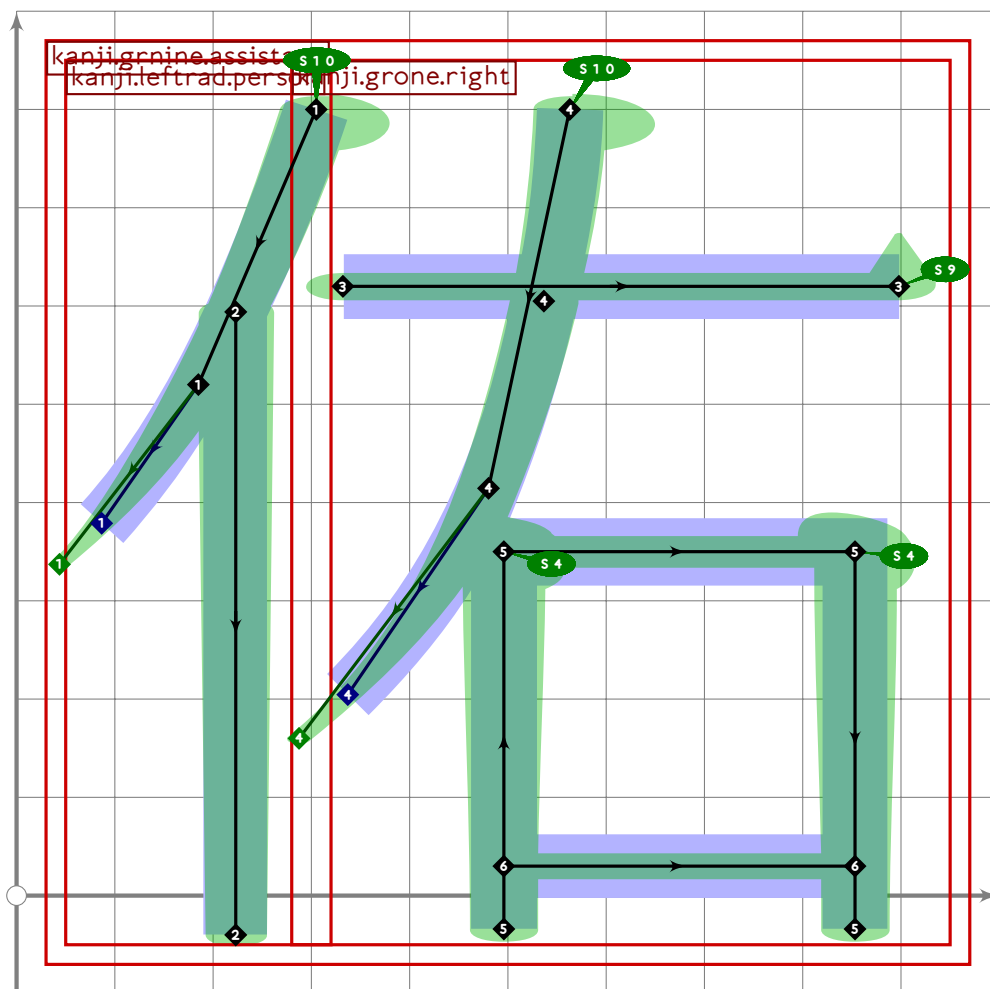
4F

```

317
318 vardef kanji.greight.worldly =
319   push_pbox__toexpand("kanji.greight.worldly");
320   build_kanji.lr(300,20)
321     (kanji.leftrad.person)
322     (kanji.grtwovalley);
323   expand_pbox;
324 enddef;
325
326
```

U+4F51  
tsuku.uni4F51

4F

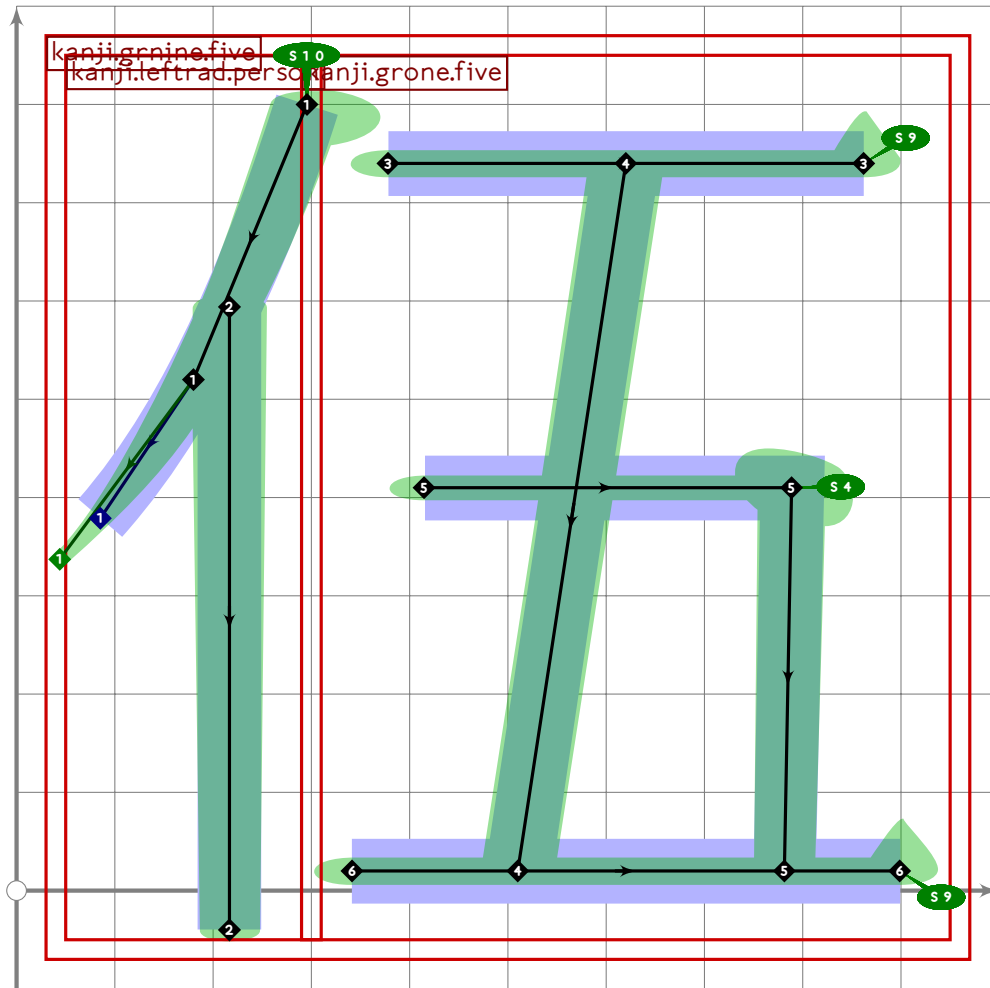


```

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

```





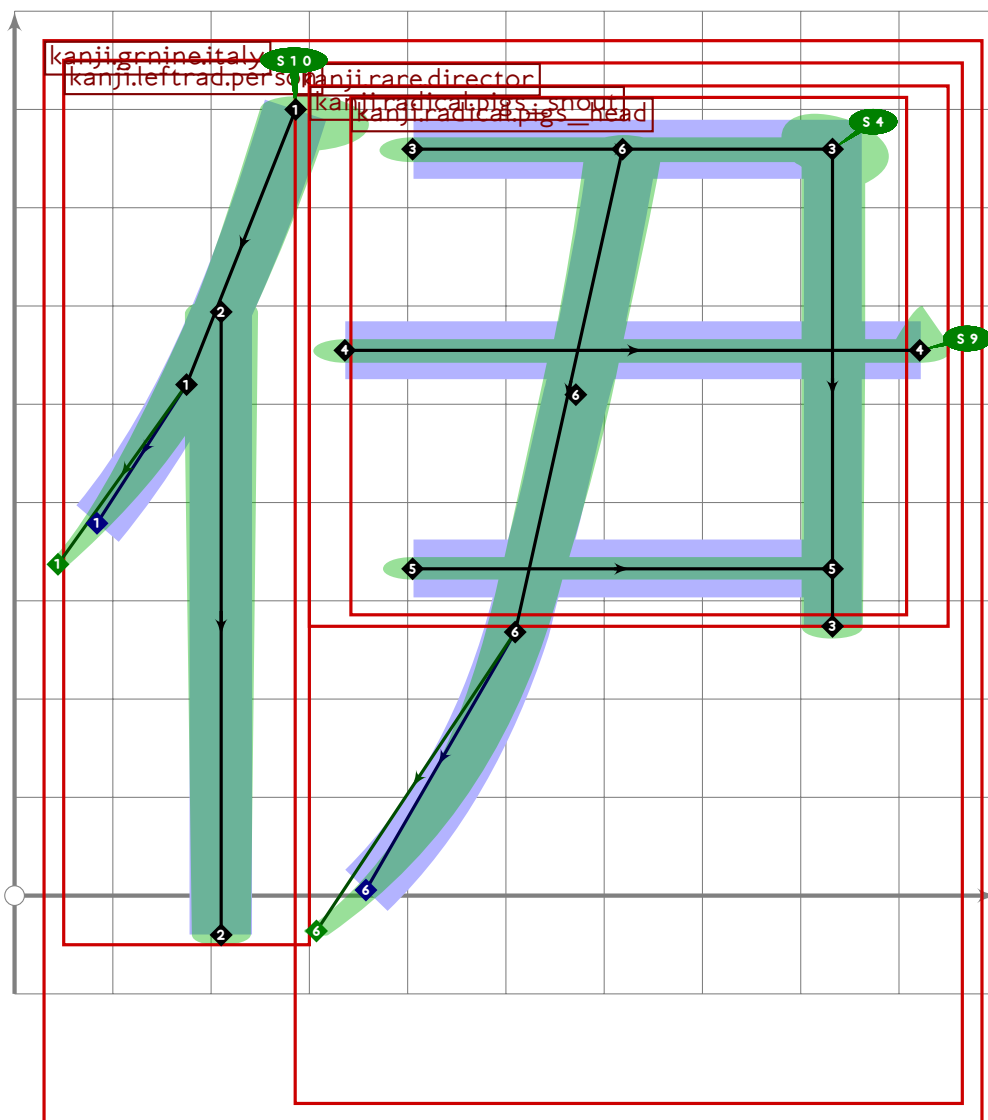
```

335
336 vardef kanji.grnine.five =
337   push_pbox__toexpand("kanji.grnine.five");
338   build_kanji.lr(300,20)
339     (kanji.leftrad.person)
340     (kanji.grone.five);
341   expand_pbox;
342 enddef;

```

U+4F0A  
tsuku.uni4F0A

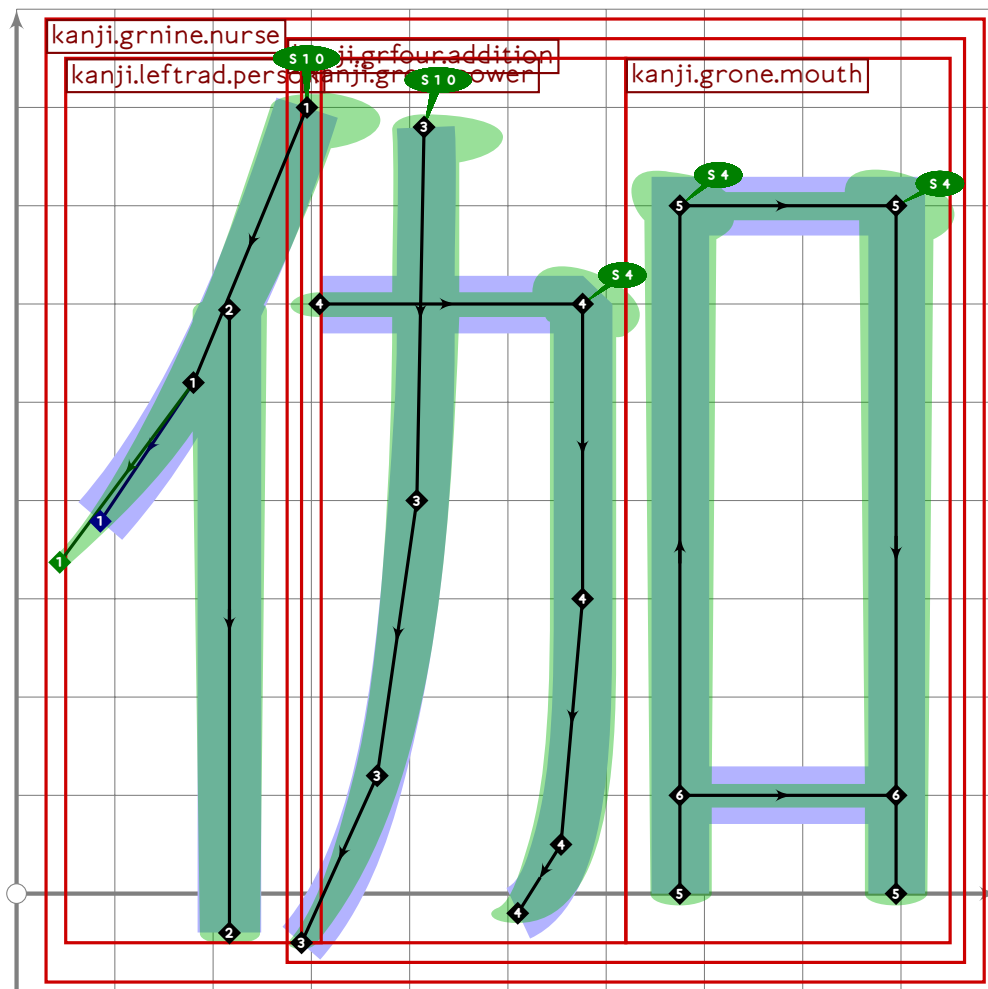
4F



```

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

```



4F

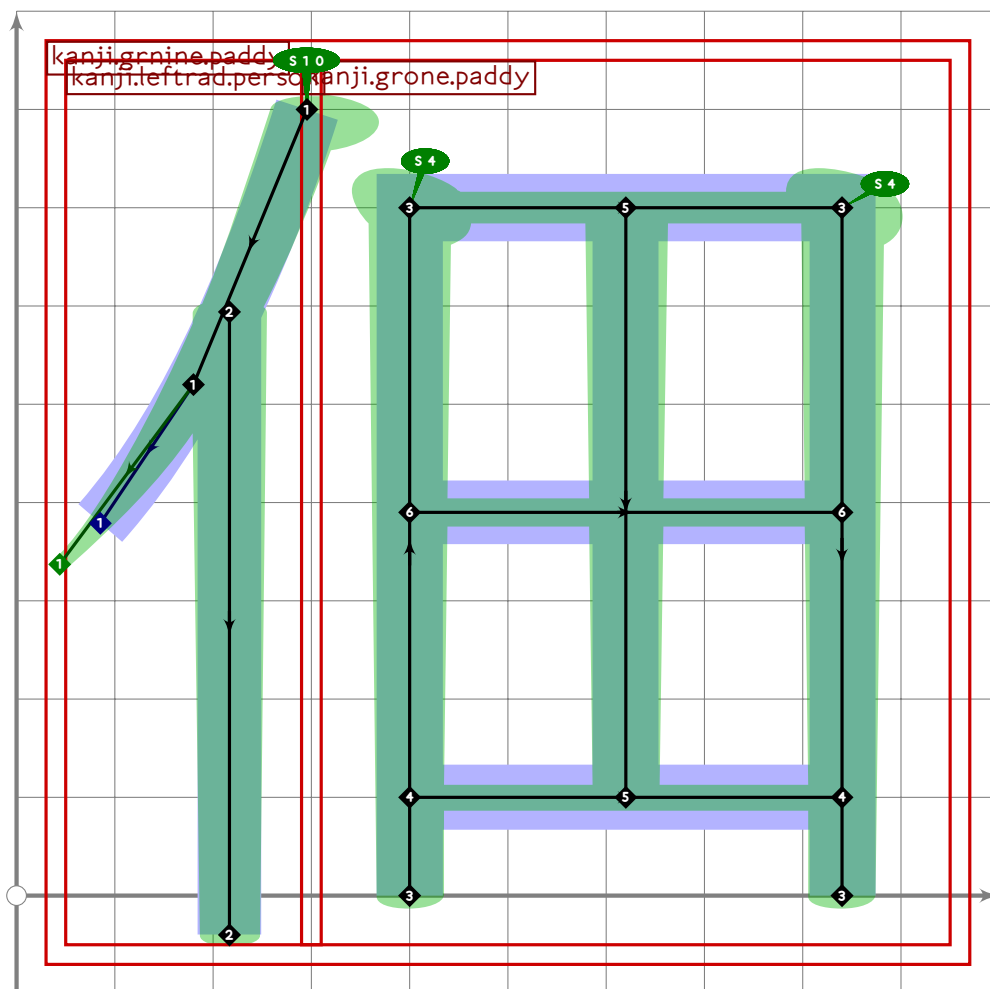
```

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

```

U+4F43  
tsuku.uni4F43

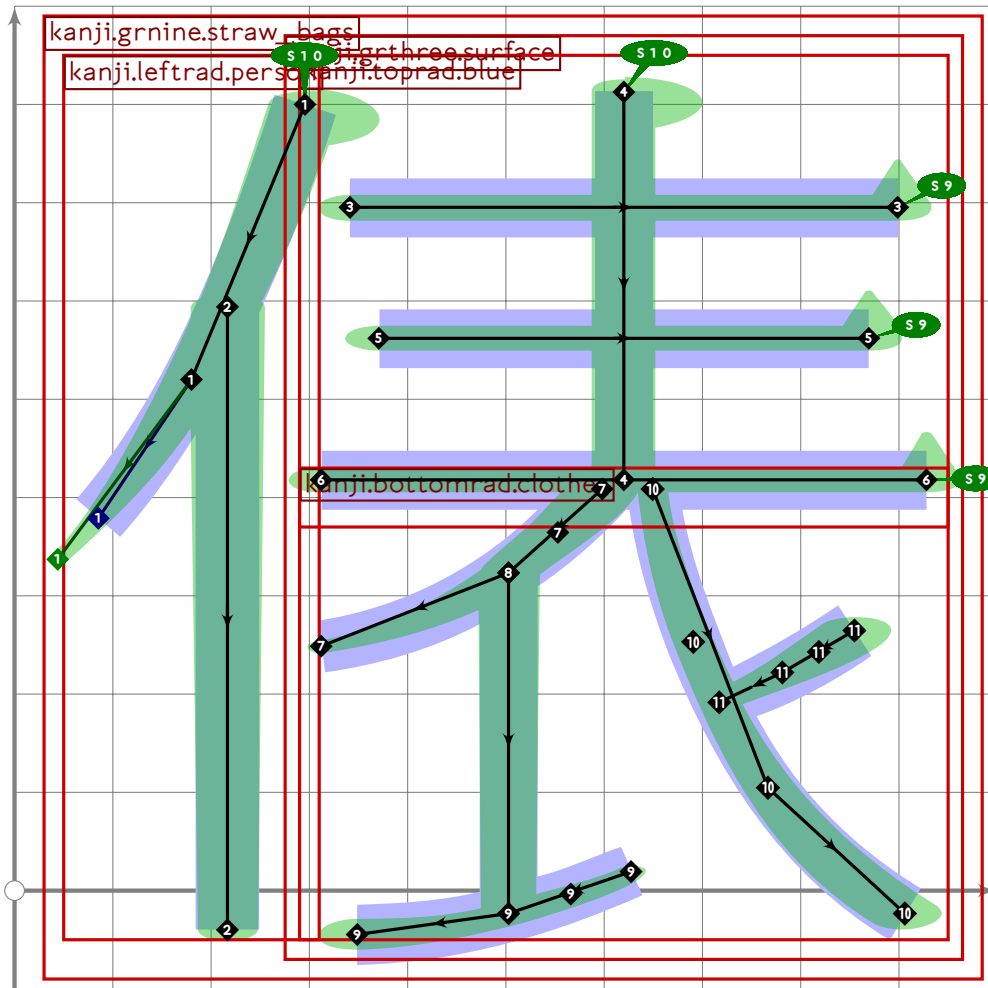
4F



```

360
361 vardef kanji.grnine.paddy =
362   push_pbox__toexpand("kanji.grnine.paddy");
363   build_kanji.lr(300,20)
364     (kanji.leftrad.person)
365     (kanji.grone.paddy);
366   expand_pbox;
367 enddef;

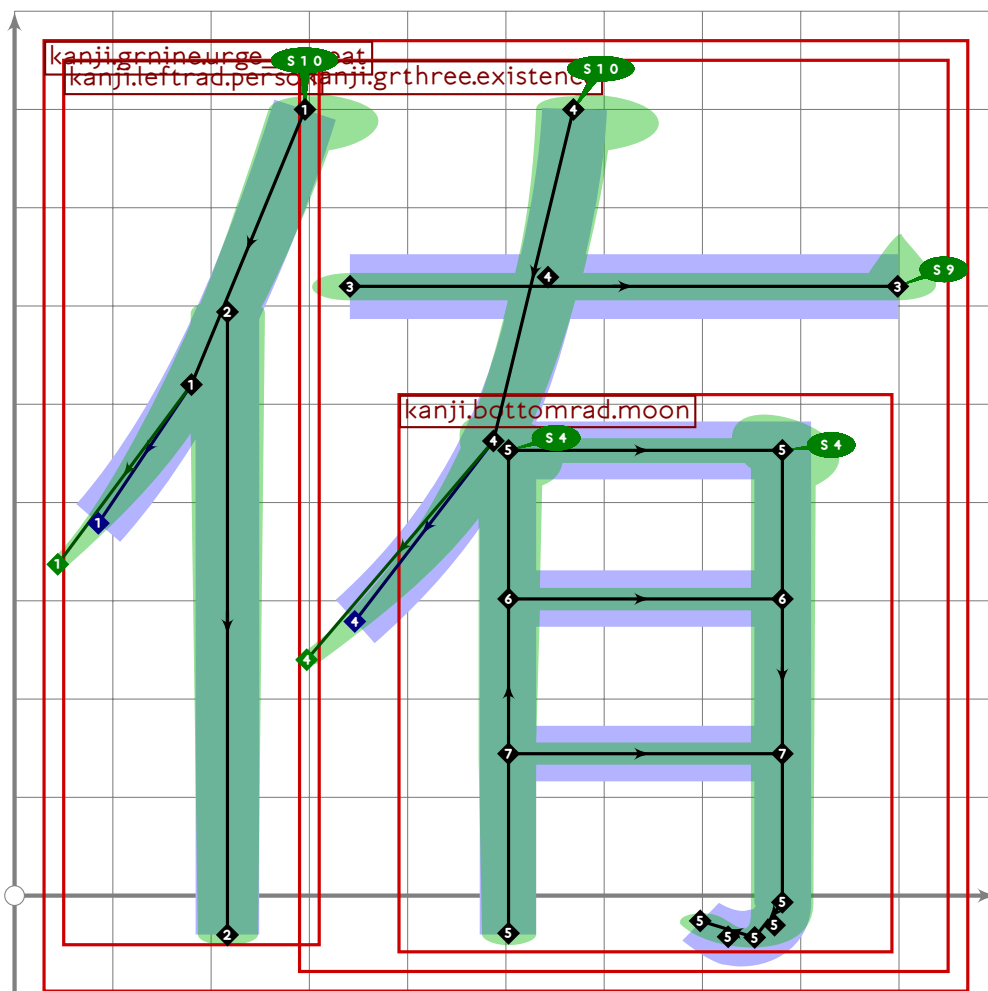
```



```

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

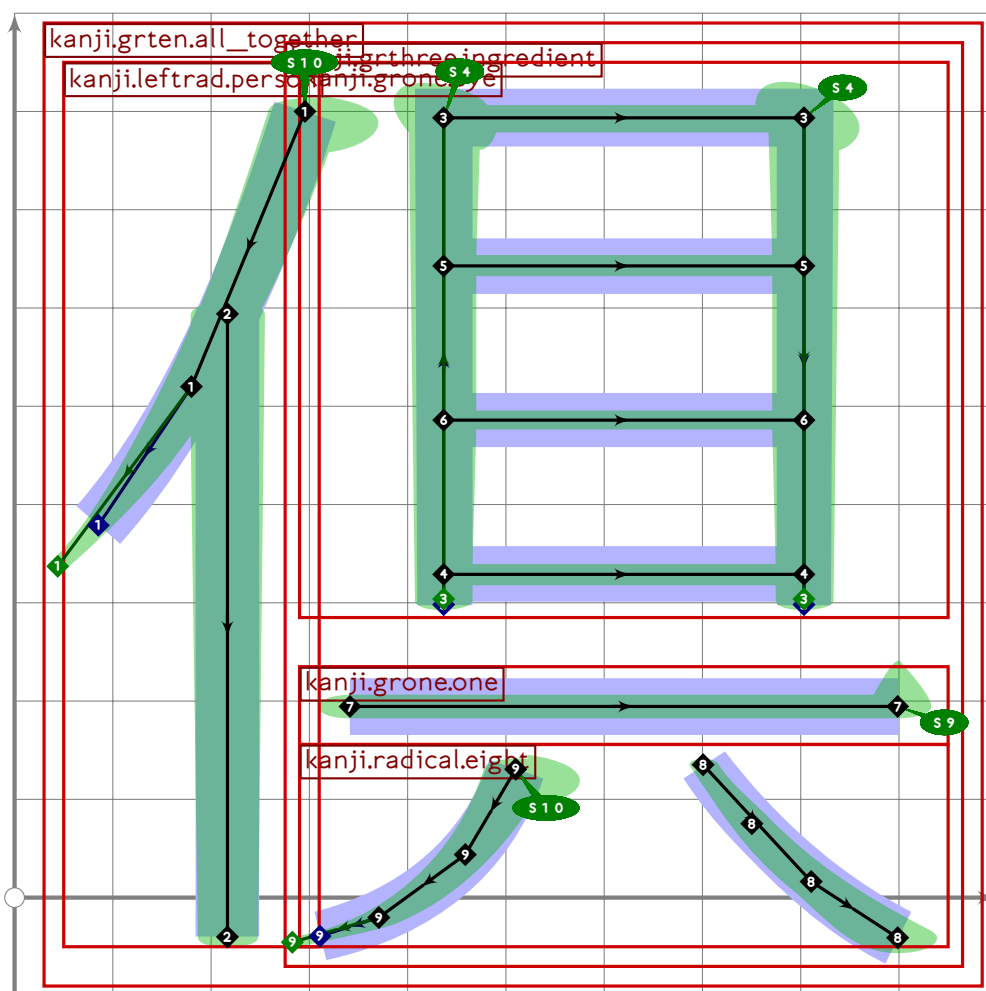
```



```

376
377 vardef kanji.grnine.urge_to_eat =
378   push_pbox_toexpand("kanji.grnine.urge_to_eat");
379   build_kanji.lr(300,20)
380     (kanji.leftrad.person)
381     (kanji.grthree.existence);
382   expand_pbox;
383 enddef;
384
385

```



4F

```

386
387 vardef kanji.grten.all_together =
388   push_pbox_toexpand("kanji.grten.all_together");
389   build_kanji.lr(300,20)
390     (kanji.leftrad.person)
391     (kanji.grthree.ingredient);
392   expand_pbox;
393 enddef;
394
395
396
397 % i/kare "Italy"
398 beginsuglyph("uni4F0A";10);
399   kanji.grnine.italy;
400   tsu_render;
401 endtsuglyph;
402
403 % go/itsutsu "five"
404 beginsuglyph("uni4F0D";13);
405   kanji.grnine.five;
406   tsu_render;

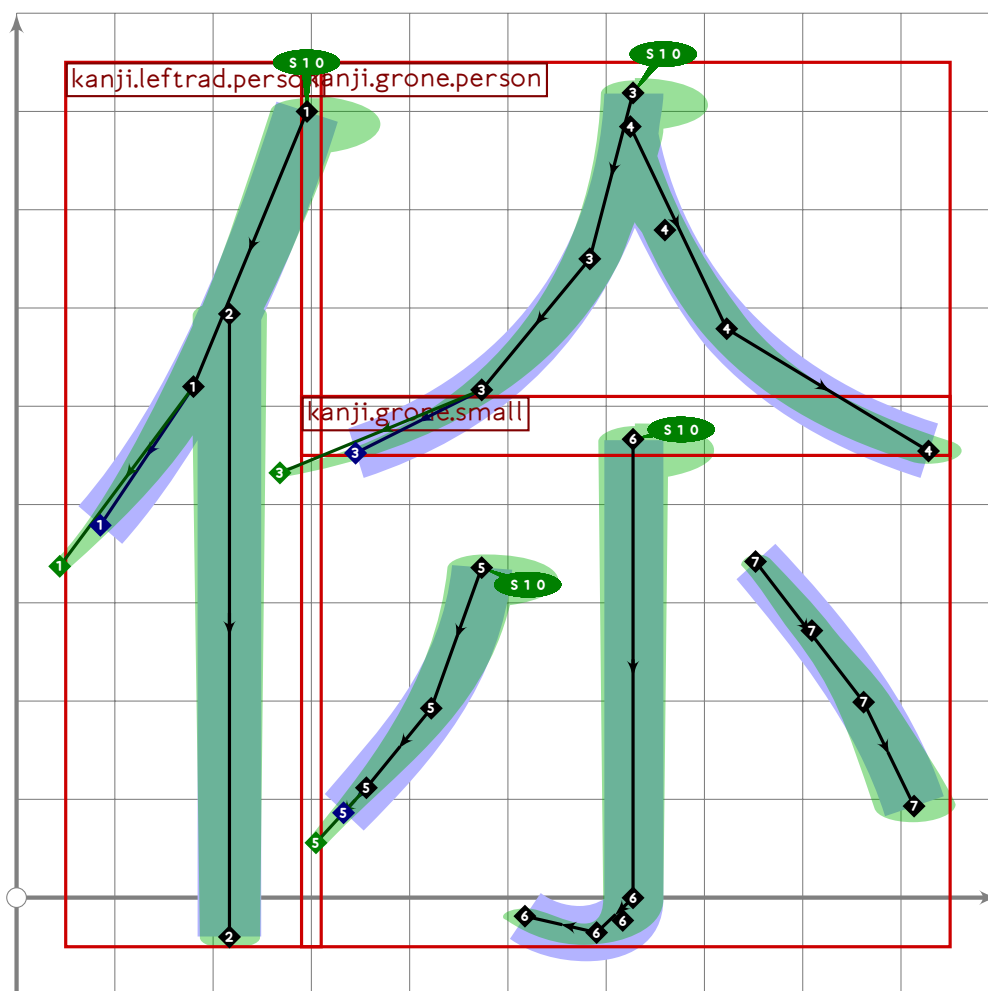
```

[see page 2096]

[see page 2095]

407 endtsuglyph;  
 408  
 409 % gi/waza "skill"  
 410 begintsuglyph("uni4F0E";14); [see page 2090]  
 411 kanji.greight.skill;  
 412 tsu\_\_render;  
 413 endtsuglyph;  
 414  
 415 % fuku/fu "prostrate"  
 416 begintsuglyph("uni4F0F";15); [see page 965]  
 417 kanji.greight.prostrate;  
 418 tsu\_\_render;  
 419 endtsuglyph;  
 420  
 421 % batsu/ki "strike"  
 422 begintsuglyph("uni4F10";16); [see page 975]  
 423 kanji.greight.strike;  
 424 tsu\_\_render;  
 425 endtsuglyph;  
 426  
 427 % yasu "vacation"  
 428 begintsuglyph("uni4F11";17); [see page 487]  
 429 kanji.grone.vacation;  
 430 tsu\_\_render;  
 431 endtsuglyph;  
 432  
 433 % kai/a "meet"  
 434 begintsuglyph("uni4F1A";26); [see page 548]  
 435 kanji.grtwo.meet;  
 436 tsu\_\_render;  
 437 endtsuglyph;  
 438  
 439 % den/tsuta "tradition"  
 440 begintsuglyph("uni4F1D";29); [see page 2072]  
 441 kanji.grfour.tradition;  
 442 tsu\_\_render;  
 443 endtsuglyph;  
 444  
 445 % haku "earl"  
 446 begintsuglyph("uni4F2F";47); [see page 2082]  
 447 kanji.greight.earl;  
 448 tsu\_\_render;  
 449 endtsuglyph;  
 450





4F

```

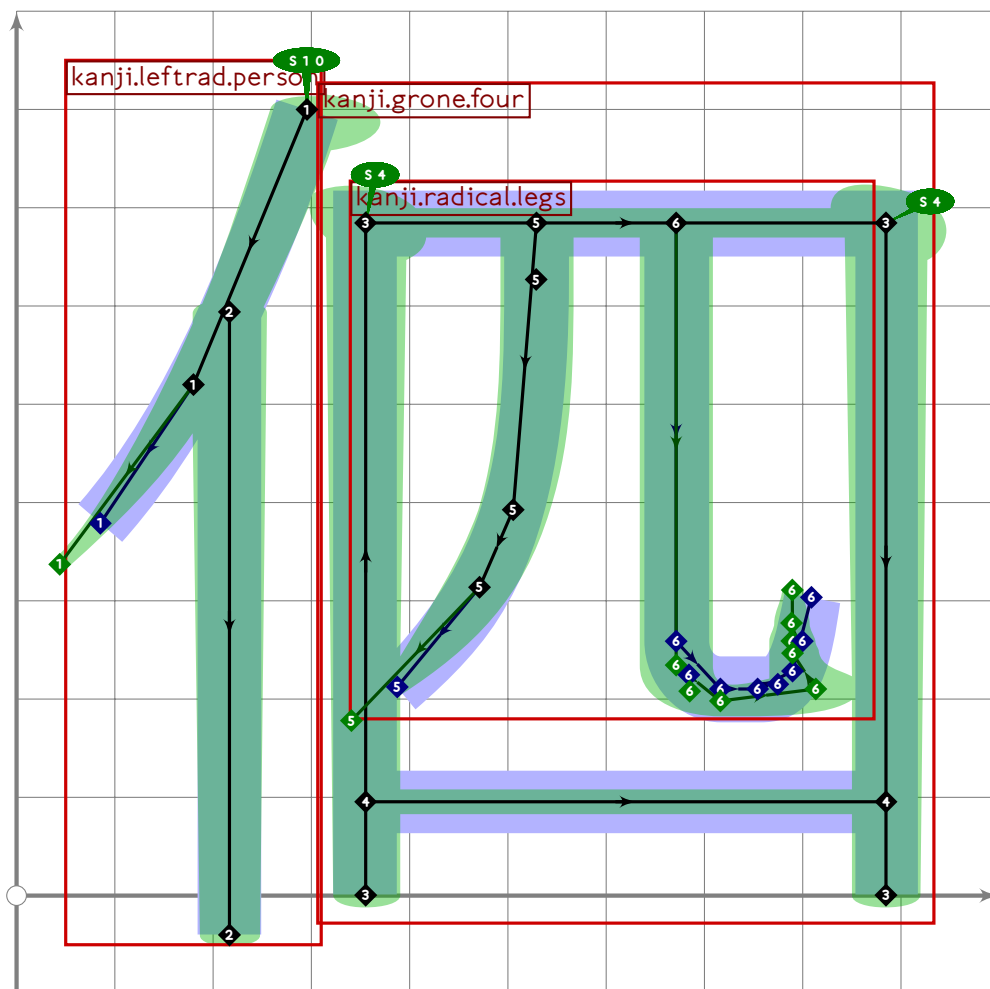
451 % extra
452 begintsuglyph("uni4F31";49);
453   build_kanji.lr(300,20)
454     (kanji.leftrad.person)
455     (build_kanji.tb(480,60)
456       (kanji.grone.person)
457       (kanji.grone.small));
458   tsu_render;
459 endtsuglyph;
460
461 % han/tomona "accompany"
462 begintsuglyph("uni4F34";52);
463   kanji.greight.accompany;
464   tsu_render;
465 endtsuglyph;
466

```

[see page 2078]

U+4F35  
tsuku.uni4F35

4F



```

467 % extra
468 begintsuglyph("uni4F35";53);
469   build_kanji.lr(300,20)
470     (kanji.leftrad.person)
471     (build_kanji.sscale(scaled 0.95)(kanji.grone.four));
472   tsu_render;
473 endtsuglyph;
474
475 % shin/no "elongate"
476 begintsuglyph("uni4F38";56);
477   kanji.greight.elongate;
478   tsu_render;
479 endtsuglyph;
480
481 % shi/ukaga "inquiry"
482 begintsuglyph("uni4F3A";58);
483   kanji.greight.inquiry;
484   tsu_render;
485 endtsuglyph;
486
487 % ji/ni "imitate"

```

[see page 2083]

[see page 2086]

[see page 2074]

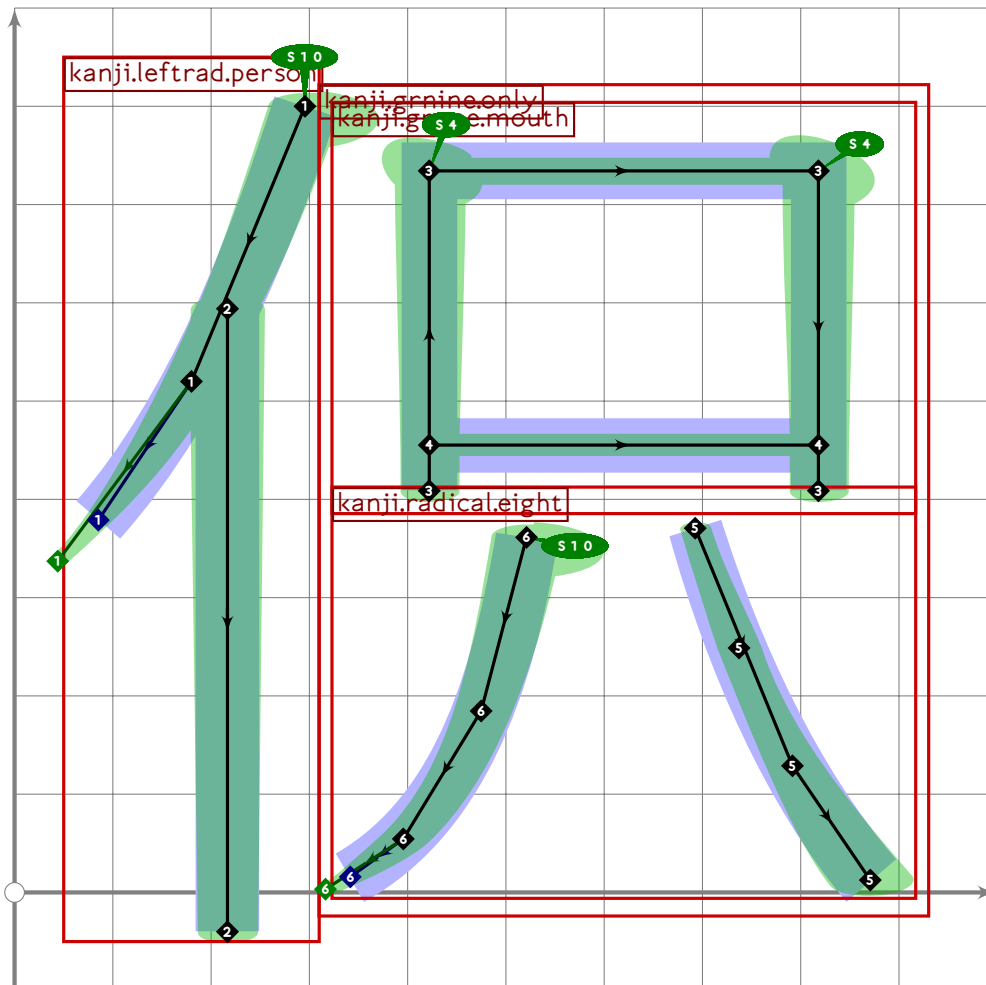
```

488 begintsuglyph("uni4F3C";60);
489   kanji.grfive.imitate;
490   tsu_render;
491 endtsuglyph;
492
493 % ka/togi "nurse"
494 begintsuglyph("uni4F3D";61);
495   kanji.grnine.nurse;
496   tsu_render;
497 endtsuglyph;
498

```

[see page 2097]

4F



```

499 % extra
500 begintsuglyph("uni4F3F";63);
501   build_kanji.lr(300,20)
502     (kanji.leftrad.person)
503     (build_kanji.sscale(scaled 0.9)(kanji.grnine.only));
504   tsu_render;
505 endtsuglyph;
506
507 % ten/tsukuda "cultivated paddy"
508 begintsuglyph("uni4F43";67);

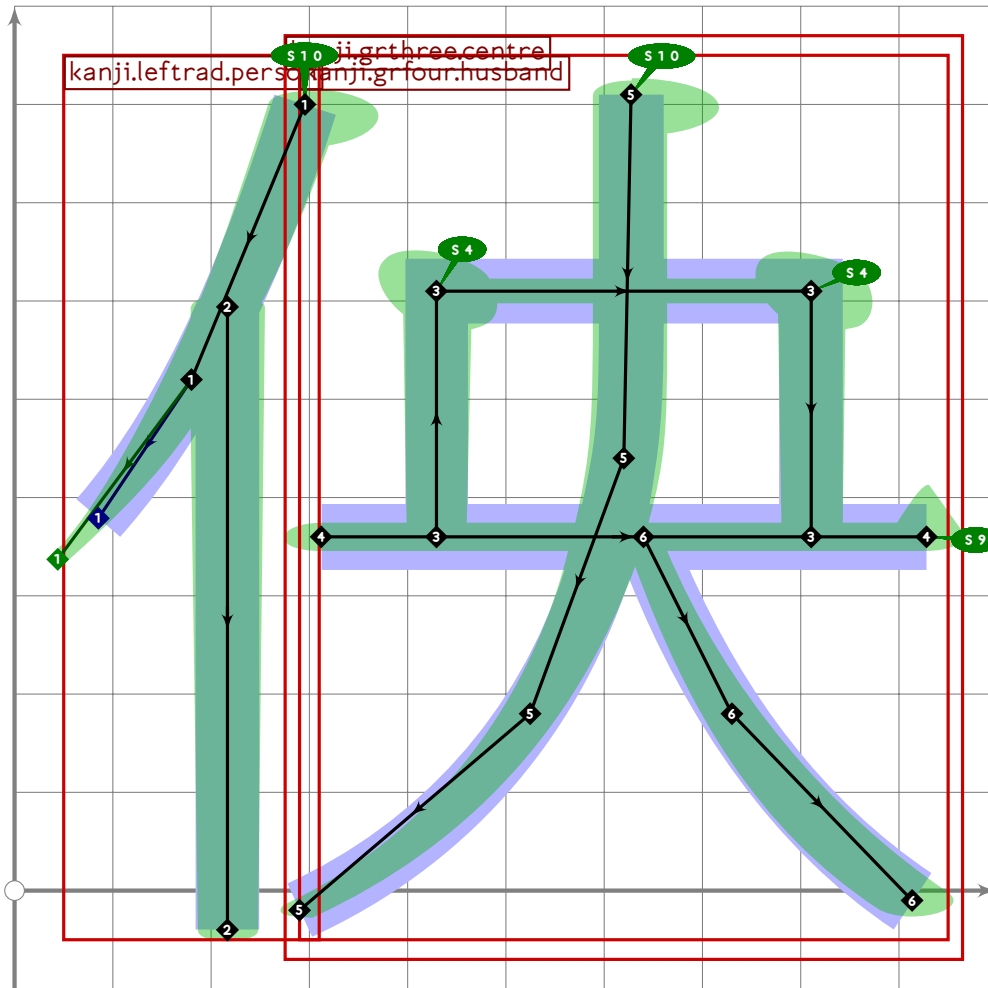
```

[see page 2098]

```

509  kanji.grnine.paddy;
510  tsu__render;
511  endtsuglyph;
512
513  % tan/tada "however"
514  begintsuglyph("uni4F46";70); [see page 2085]
515  kanji.greight.however;
516  tsu__render;
517  endtsuglyph;
518
519  % i/kurai "rank"
520  begintsuglyph("uni4F4D";77); [see page 2071]
521  kanji.grfour.rank;
522  tsu__render;
523  endtsuglyph;
524
525  % tei/hiku "low" or "humble"
526  begintsuglyph("uni4F4E";78); [see page 2070]
527  kanji.grfour.low;
528  tsu__render;
529  endtsuglyph;
530
531  % juu/su "dwell"
532  begintsuglyph("uni4F4F";79); [see page 2065]
533  kanji.grthree.dwell;
534  tsu__render;
535  endtsuglyph;
536
537  % suke "assistant"
538  begintsuglyph("uni4F50";80); [see page 2067]
539  kanji.grfour.assistant;
540  tsu__render;
541  endtsuglyph;
542
543  % suke "assistant"
544  begintsuglyph("uni4F51";81); [see page 2094]
545  kanji.grnine.assistant;
546  tsu__render;
547  endtsuglyph;
548

```



4F

```

549 % extra
550 begintsuglyph("uni4F52";82);
551   build_kanji.lr(300,20)
552   (kanji.leftrad.person)
553   (kanji.grthree centre);
554   tsu_render;
555 endtsuglyph;
556
557 % tai/karada "substance"
558 begintsuglyph("uni4F53";83);
559   kanji.grtwo.substance;
560   tsu_render;
561 endtsuglyph;
562
563 % ka/nani "what"
564 begintsuglyph("uni4F55";85);
565   kanji.grtwo.what;
566   tsu_render;
567 endtsuglyph;
568
569 % yo/ama "surplus" ("ama" as in "amari yoku nai")

```

[see page 2063]

[see page 593]

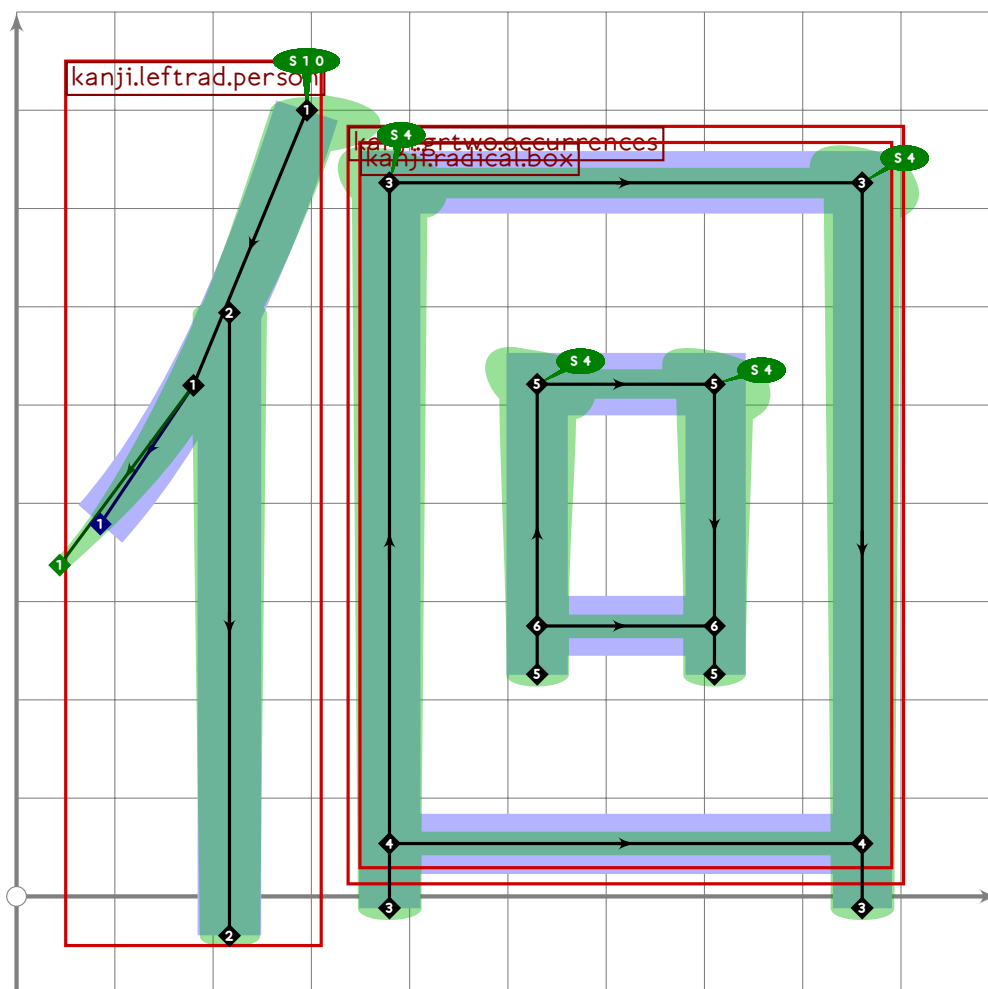
U+4F6A  
tsuku.uni4F6A

```
570 begintsuglyph("uni4F59";89);  
571 kanji.grfive.surplus;  
572 tsu_render;  
573 endtsuglyph;  
574  
575 % tsuku "make"  
576 begintsuglyph("uni4F5C";92);  
577 kanji.grtwo.make;  
578 tsu_render;  
579 endtsuglyph;  
580
```

[see page 808]

[see page 544]

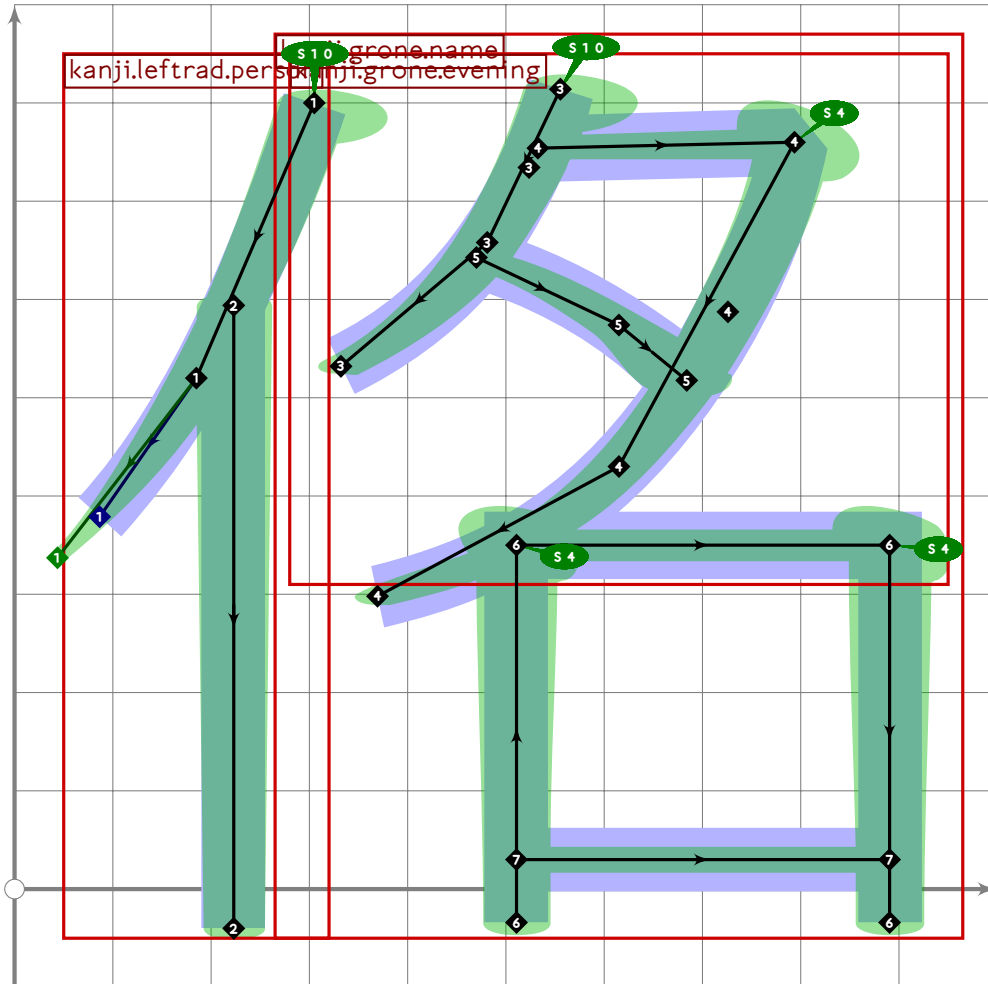
4F



```
581 % extra "hesitate"  
582 begintsuglyph("uni4F6A";106);  
583 build_kanji.lr(300,20)  
584 (kanji.leftrad.person)  
585 (build_kanji.sscale(scaled 0.82)(kanji.grtwo.occurrences));  
586 tsu_render;  
587 endtsuglyph;  
588  
589 % extra "centurion"  
590 begintsuglyph("uni4F70";112);
```

[see page 1044]

```
591 kanji.rare.centurion;
592 tsu_render;
593 endtsuglyph;
594
```



4F

```
595 % extra
596 begintsuglyph("uni4F72";114);
597 build_kanji.lr(300,40)
598 (kanji.leftrad.person)
599 (kanji.grone.name);
600 tsu_render;
601 endtsuglyph;
602
603 % ka "excellent"
604 begintsuglyph("uni4F73";115);
605 kanji.greight.excellent;
606 tsu_render;
607 endtsuglyph;
608
609 % hei/awa "unite"
610 begintsuglyph("uni4F75";117);
611 kanji.greight.unite;
```

[see page 2084]

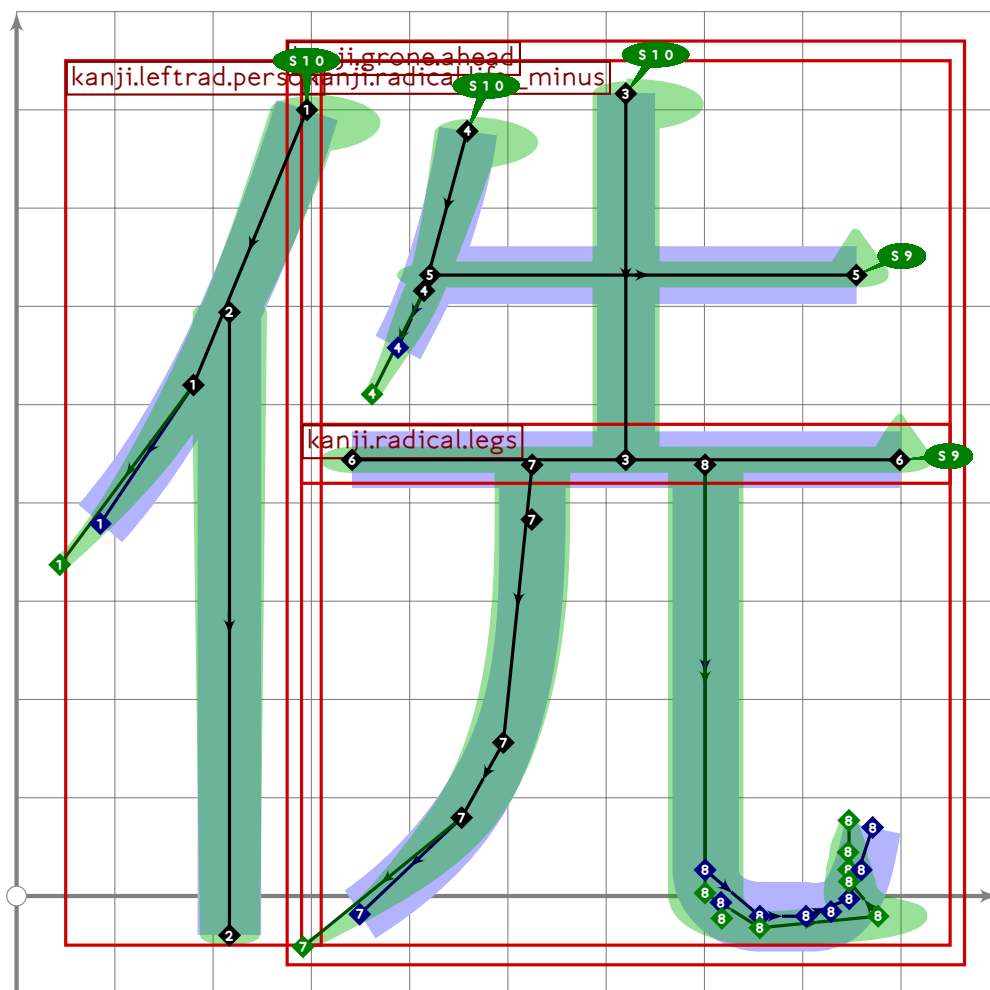
[see page 2091]

U+4F81  
tsuku.uni4F81

```
612 tsu_render;  
613 endtsuglyph;  
614  
615 % shi/tsuka "use"  
616 begintsuglyph("uni4F7F",127);  
617 kanji.grthree.use;  
618 tsu_render;  
619 endtsuglyph;  
620
```

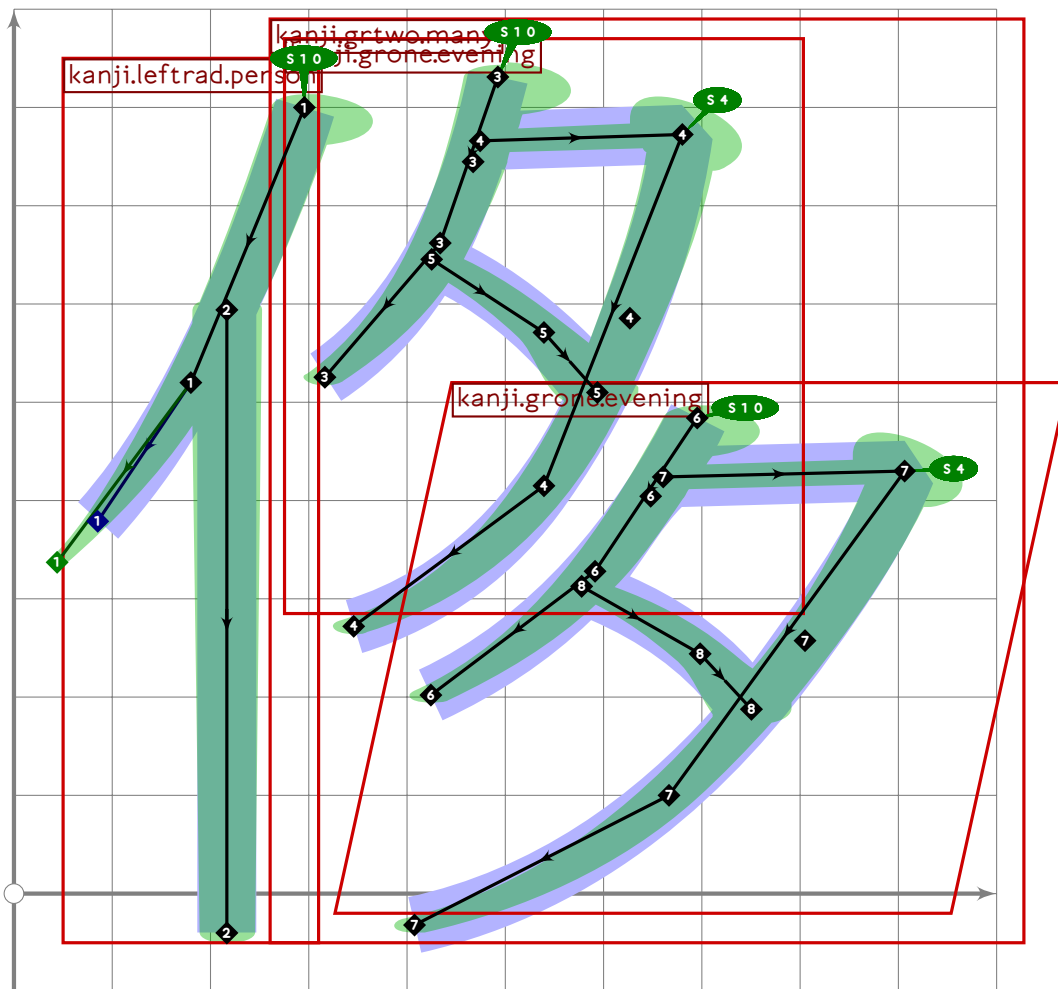
[see page 2066]

4F



```
621 % extra  
622 begintsuglyph("uni4F81",129);  
623 build_kanji.lr(300,20)  
624 (kanji.leftrad.person)  
625 (kanji.grthree.ahead);  
626 tsu_render;  
627 endtsuglyph;  
628
```





4F

```

629 % extra "luxury"
630 begintsuglyph("uni4F88",136);
631   build_kanji.level(build_kanji.lr(300,20)
632     (kanji.leftrad.person)
633     (kanji.grtwo.many));
634   tsu_render;
635 endtsuglyph;
636
637 % rei/tato "example"
638 begintsuglyph("uni4F8B",139);
639   kanji.grfour.example;
640   tsu_render;
641 endtsuglyph;
642
643 % Chinese character needed for "yin"
644 begintsuglyph("uni4F8C",140);
645   kanji.rare.yin;
646   tsu_render;
647 endtsuglyph;
648
649 % ji/samurai "samurai"

```

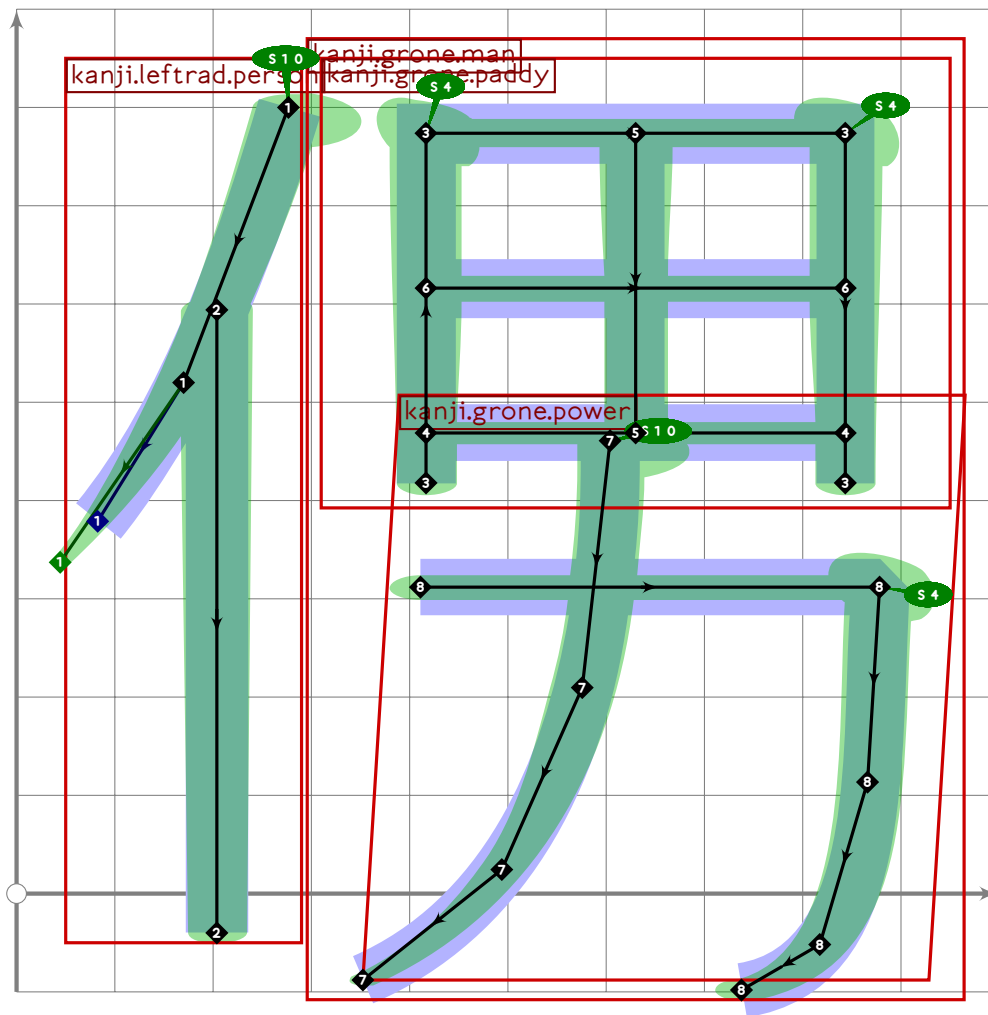
[see page 2069]

[see page 1106]

```

650 begintsuglyph("uni4F8D";141); [see page 2088]
651   kanji.greight.samurai;
652   tsu_render;
653 endtsuglyph;
654
655 % yuu/susu "urge [another] to eat"
656 begintsuglyph("uni4F91";145); [see page 2100]
657   kanji.grnine.urge_to_eat;
658   tsu_render;
659 endtsuglyph;
660
661 % rin/omo "be methodical"
662 begintsuglyph("uni4F96";150); [see page 1037]
663   kanji.rare.be_methodical;
664   tsu_render;
665 endtsuglyph;
666
667 % kyuu/domo "offer"
668 begintsuglyph("uni4F9B";155); [see page 2077]
669   kanji.grsix.offer;
670   tsu_render;
671 endtsuglyph;
672
673 % i/yo "dependency"
674 begintsuglyph("uni4F9D";157); [see page 2081]
675   kanji.greight.dependency;
676   tsu_render;
677 endtsuglyph;
678
679 % ka/atai "price"
680 begintsuglyph("uni4FA1";161); [see page 2075]
681   kanji.grfive.price;
682   tsu_render;
683 endtsuglyph;
684
685 % bu/anado "scorn"
686 begintsuglyph("uni4FAE";174); [see page 2089]
687   kanji.greight.scorn;
688   tsu_render;
689 endtsuglyph;
690
691 % ryo/tomo "companion"
692 begintsuglyph("uni4FB6";182); [see page 2080]
693   kanji.greight.companion;
694   tsu_render;
695 endtsuglyph;
696

```



4F

```

697 % extra
698 begintsuglyph("uni4FBD";189);
699   build_kanji.lr(300;20)
700     (kanji.leftrad.person)
701     (kanji.grone.man);
702   tsu_render;
703 endtsuglyph;
704
705 % ben/tayo "convenience"
706 begintsuglyph("uni4FBF";191);
707   kanji.grfour.convenience;
708   tsu_render;
709 endtsuglyph;
710
711 % kei/kaka "person in charge"
712 begintsuglyph("uni4FC2";194);
713   kanji.grthree.duty_officer;
714   tsu_render;
715 endtsuglyph;
716
717 % soku/unaga "urge"

```

[see page 697]

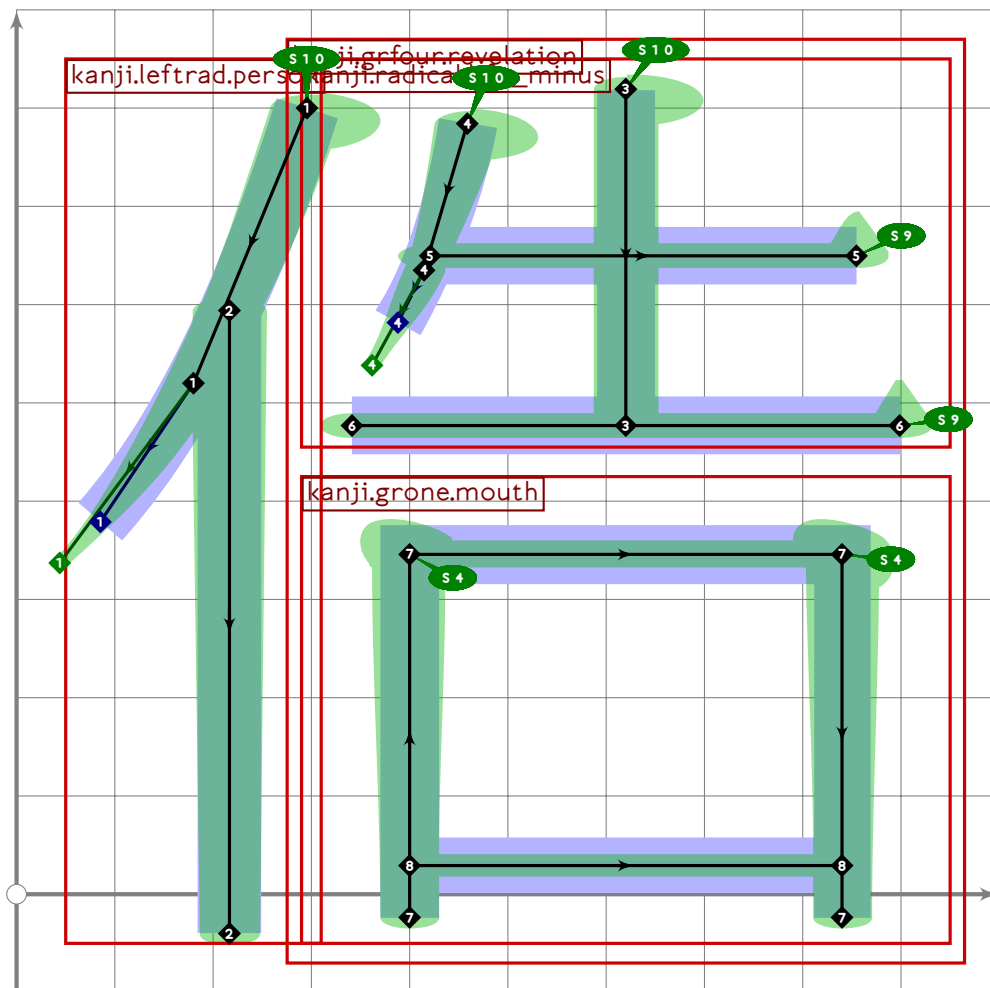
[see page 2064]

U+4FC8  
tsuku.uni4FC8

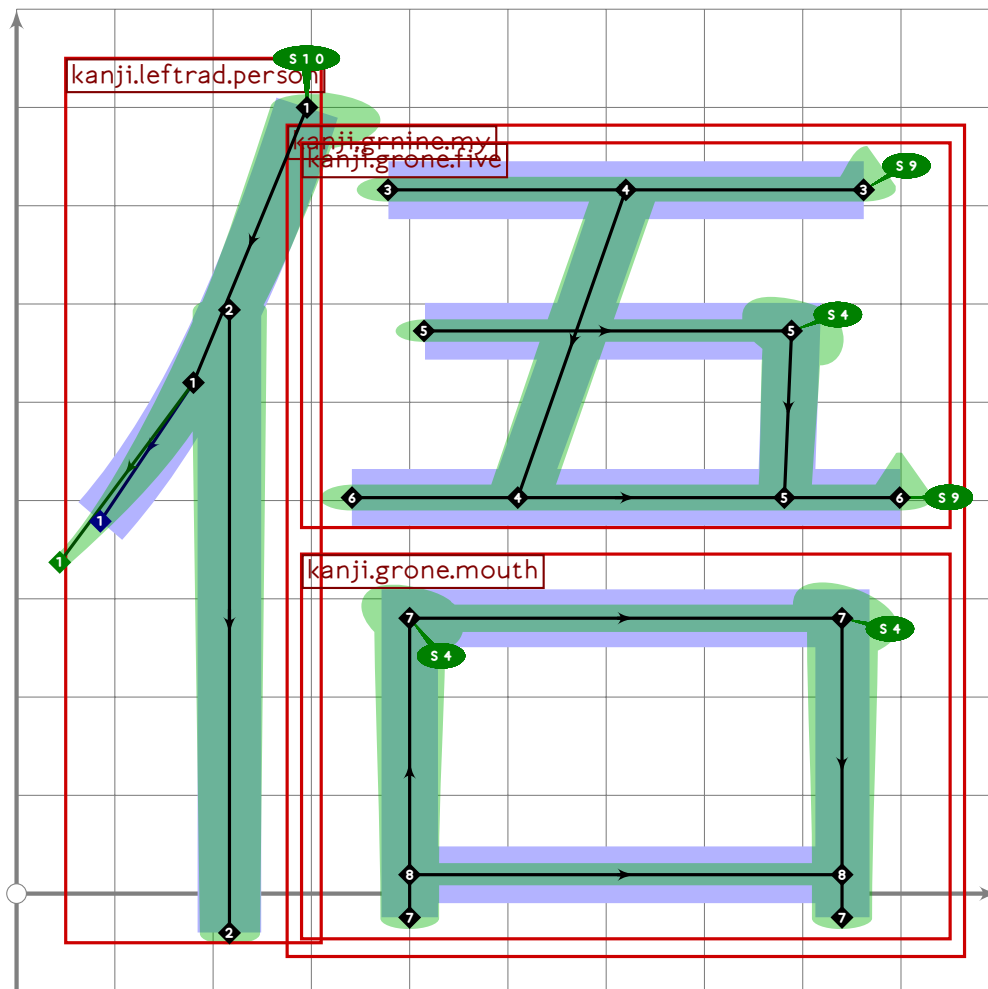
```
718 begintsuglyph("uni4FC3";195);  
719   kanji.greight.urge;  
720   tsu_render;  
721 endtsuglyph;  
722
```

[see page 2092]

4F



```
723 % extra  
724 begintsuglyph("uni4FC8";200);  
725   build_kanji.lr(300,20)  
726   (kanji.leftrad.person)  
727   (kanji.grfour.revelation);  
728   tsu_render;  
729 endtsuglyph;  
730
```



4F

```

731 % extra
732 begintsuglyph("uni4FC9";201);
733   build_kanji.lr(300,20)
734     (kanji.leftrad.person)
735     (build_kanji.scale(yscaled 0.9 shifted (0,-40))
736       (kanji.grnine.my));
737   tsu_render;
738 endtsuglyph;
739
740 % ri/kashiko "clever"
741 begintsuglyph("uni4FD0";208);
742   kanji.greight.clever;
743   tsu_render;
744 endtsuglyph;
745
746 % zoku "worldly"
747 begintsuglyph("uni4FD7";215);
748   kanji.greight.worldly;
749   tsu_render;
750 endtsuglyph;
751
```

[see page 2079]

[see page 2093]

752 % ho/tamo "protect"  
 753 begintsuglyph("uni4FDD";221); [see page 798]  
 754 kanji.grfive.protect;  
 755 tsu\_render;  
 756 endtsuglyph;  
 757  
 758 % extra needed for U+8F38  
 759 begintsuglyph("uni4FDE";222); [see page 1033]  
 760 kanji.rare.approve;  
 761 tsu\_render;  
 762 endtsuglyph;  
 763  
 764 % shin "believe"  
 765 begintsuglyph("uni4FE1";225); [see page 2068]  
 766 kanji.grfour.believe;  
 767 tsu\_render;  
 768 endtsuglyph;  
 769  
 770 % shuu/osa "discipline"  
 771 begintsuglyph("uni4FEE";238); [see page 2073]  
 772 kanji.grfive.discipline;  
 773 tsu\_render;  
 774 endtsuglyph;  
 775  
 776 % ku/tamomi "all together"  
 777 begintsuglyph("uni4FF1";241); [see page 2101]  
 778 kanji.grten.all\_together;  
 779 tsu\_render;  
 780 endtsuglyph;  
 781  
 782 % hai "haiku"  
 783 begintsuglyph("uni4FF3";243); [see page 2076]  
 784 kanji.grsix.haiku;  
 785 tsu\_render;  
 786 endtsuglyph;  
 787  
 788 % hyou/tawara "counter for straw bags"  
 789 begintsuglyph("uni4FF5";245); [see page 2099]  
 790 kanji.grnine.straw\_bags;  
 791 tsu\_render;  
 792 endtsuglyph;  
 793  
 794 % en/ore "me" (masculine, aggressive, more so than "boku")  
 795 begintsuglyph("uni4FFA";250); [see page 2087]  
 796 kanji.greight.me\_macho;  
 797 tsu\_render;  
 798 endtsuglyph;  
 799

```
800 _____  
801  
802 endfont;  
803  
804 _____
```

```
1 %
2 % Unicode page 50 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

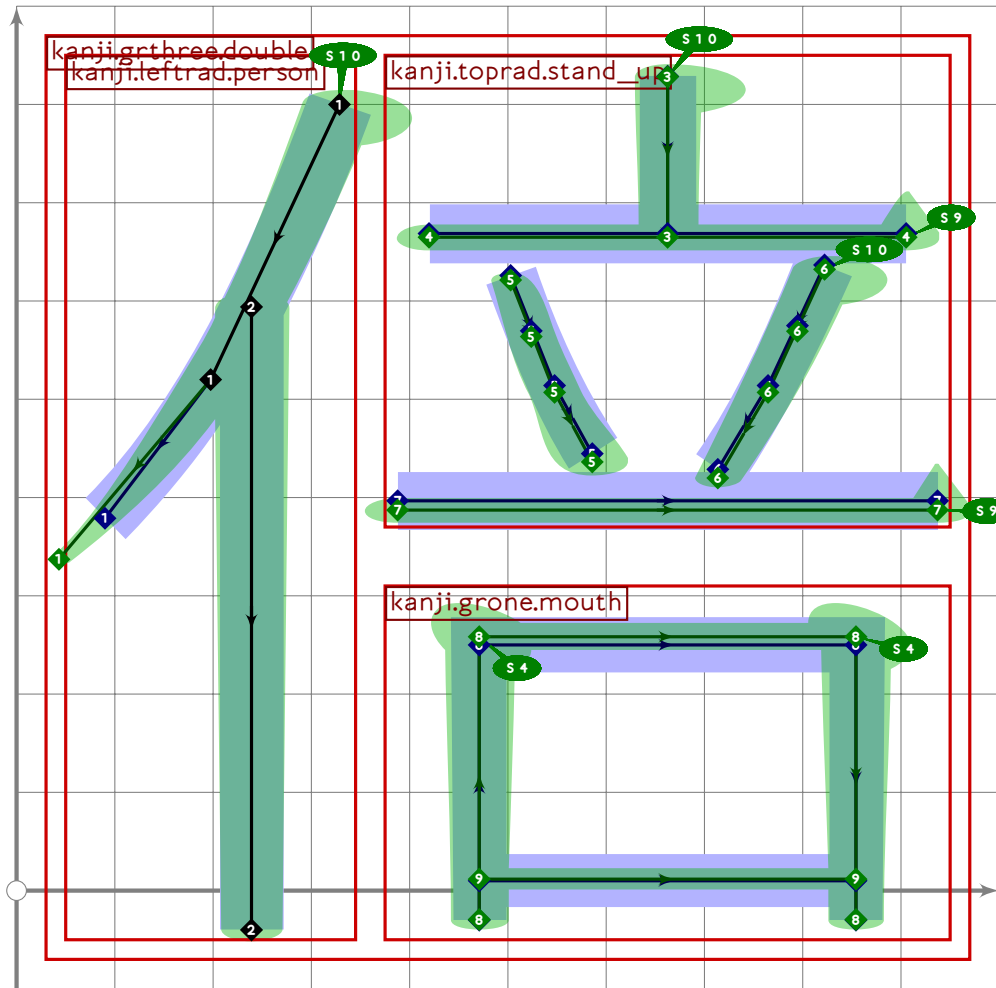
---


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

---


```

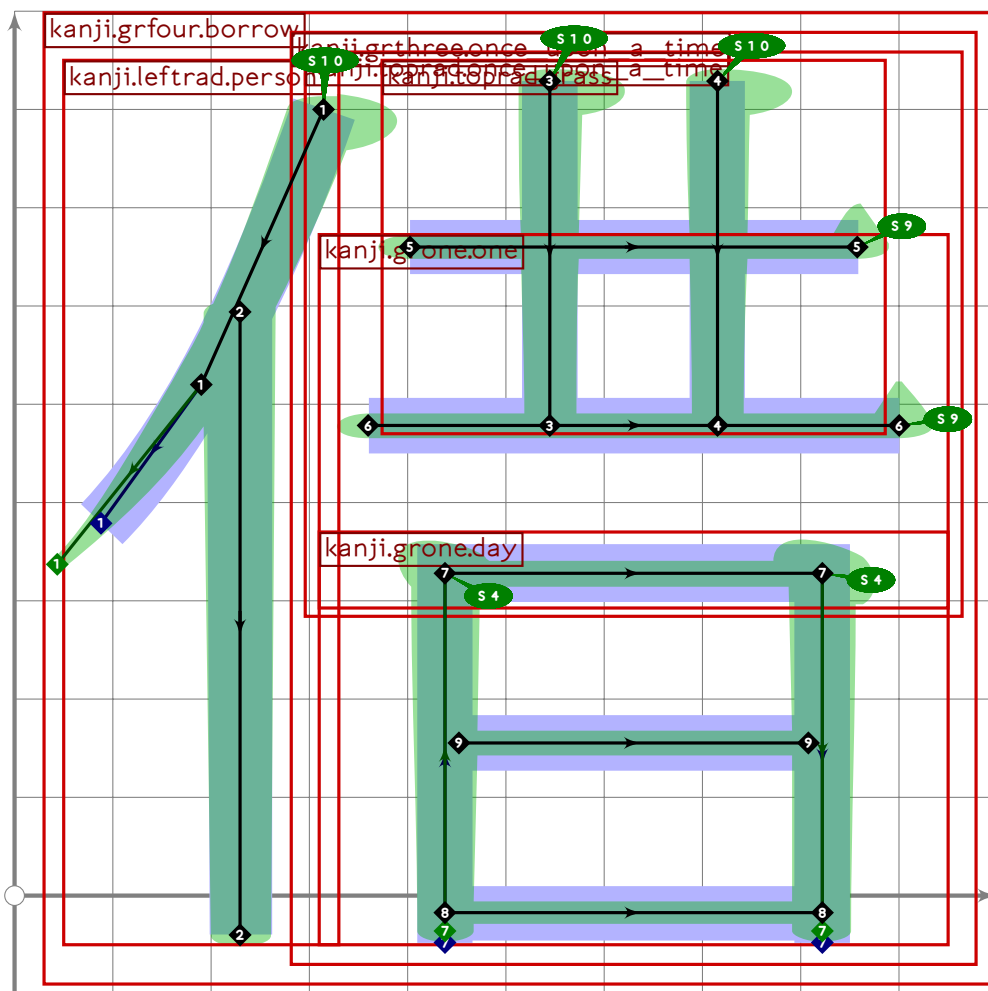




```

55
56 vardef kanji.grthree.double =
57   push_pbox__toexpand("kanji.grthree.double");
58   build_kanji.lr(360;-30)
59     (kanji.leftrad.person)
60     (build_kanji.tb(340;-60+20*mincho)
61       (kanji.toprad.stand_up)
62       (kanji.grone.mouth));
63   expand_pbox;
64 enddef;
65
66

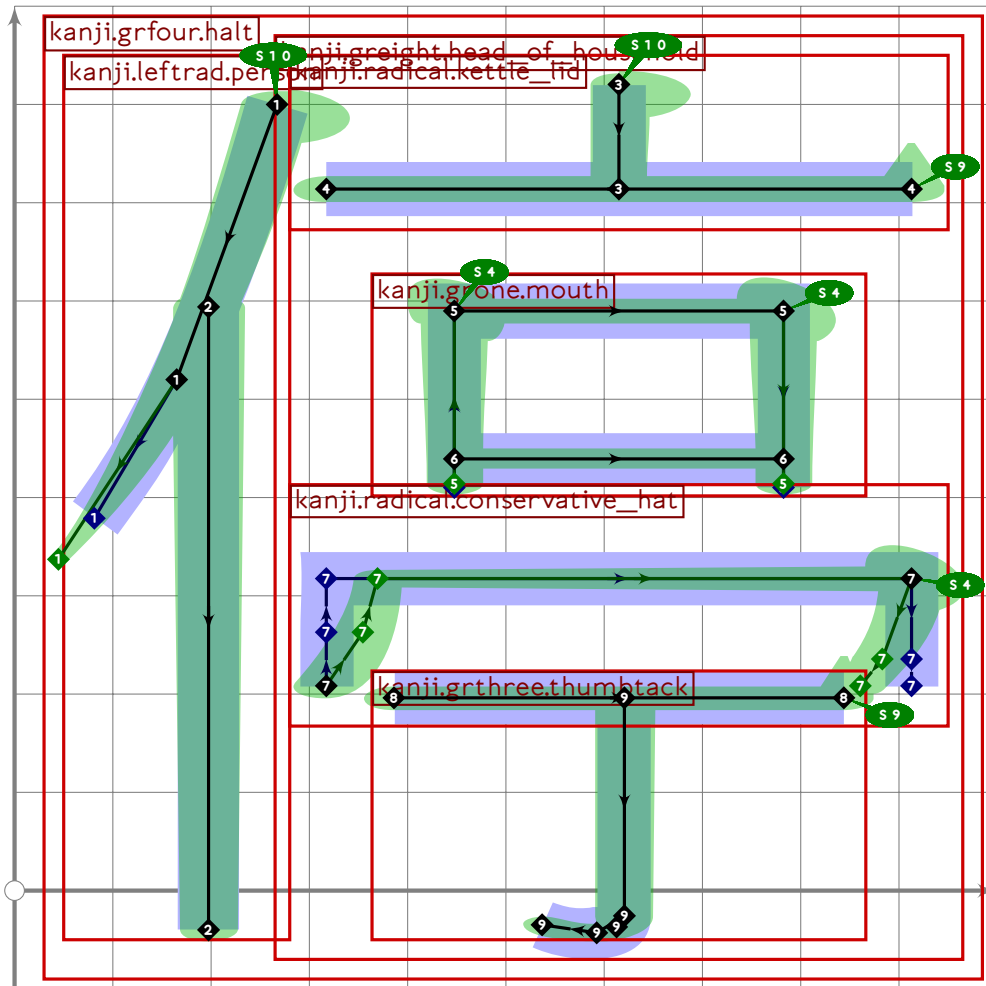
```



```

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

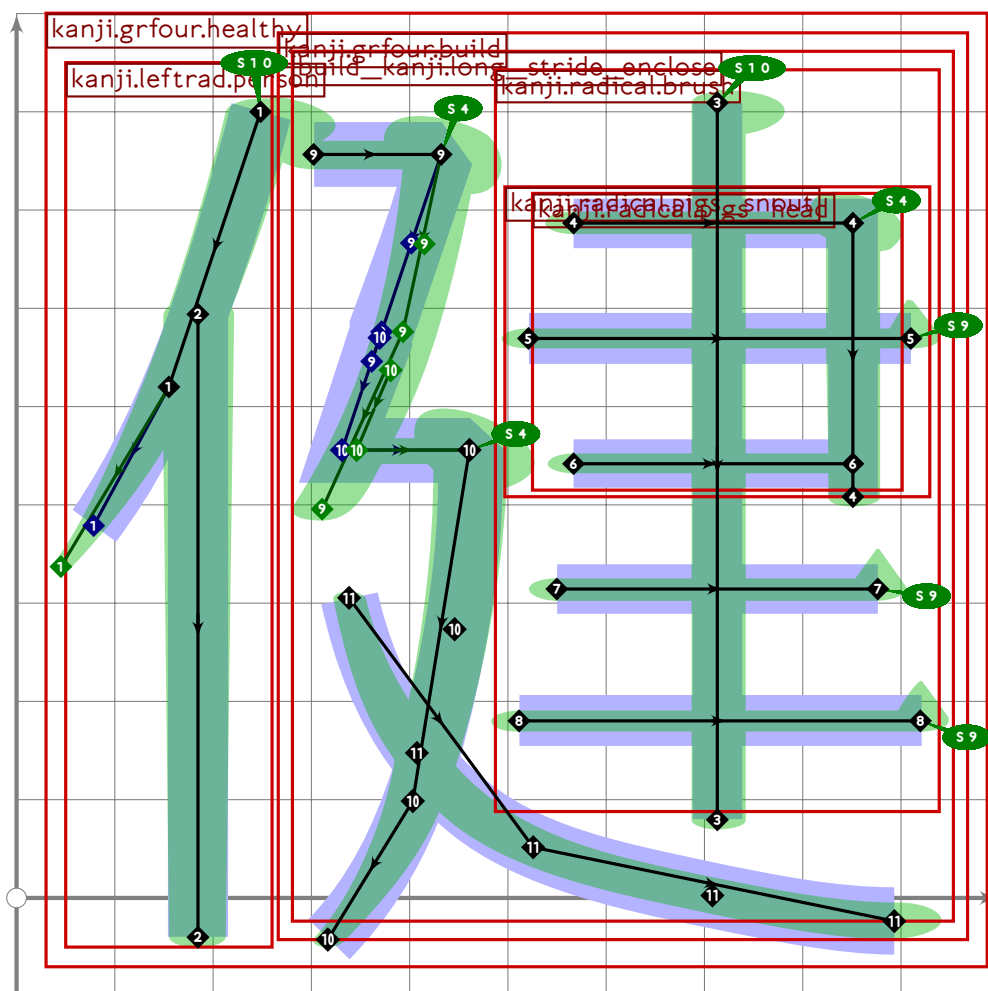
```



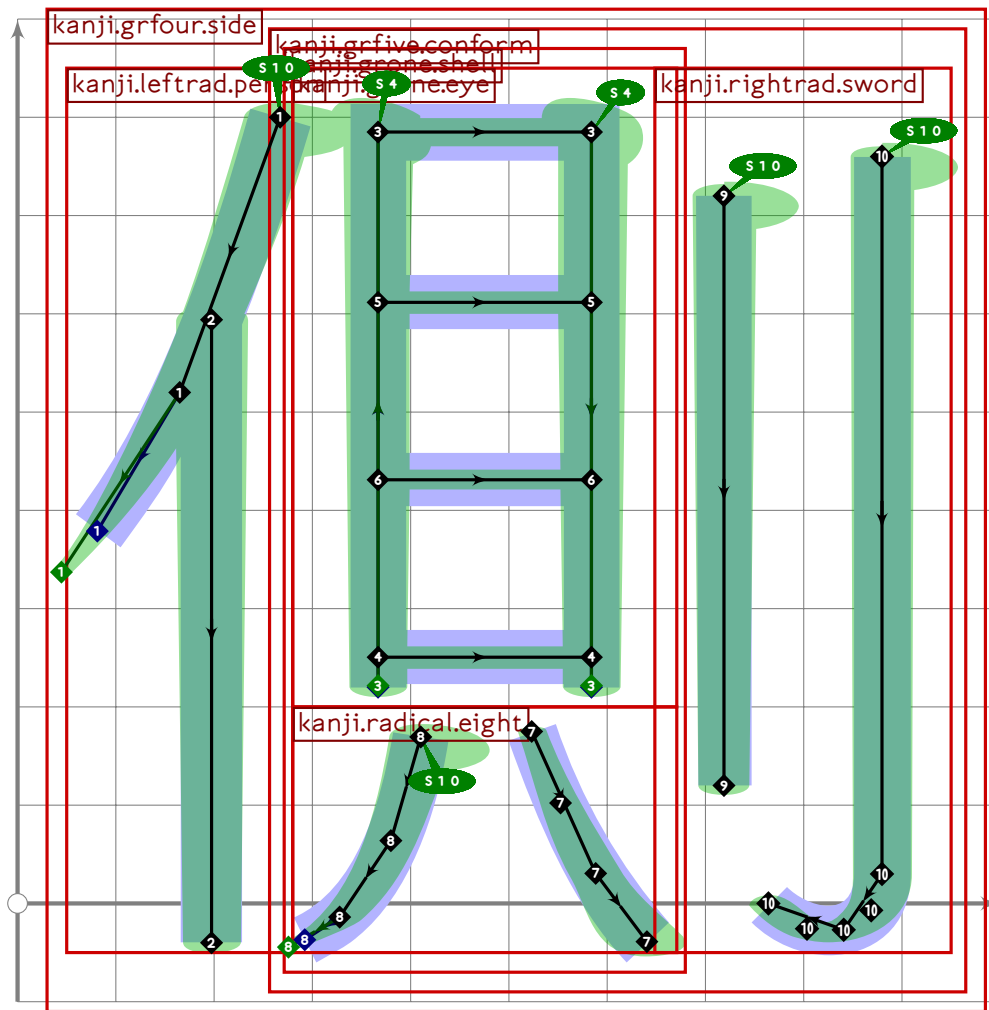
```

75
76 vardef kanji.grfour.halt =
77   push_pbox_toexpand("kanji.grfour.halt");
78   build_kanji.lr(280,0)
79   (kanji.lefrad.person)
80   (kanji.greight.head_of_household);
81   expand_pbox;
82 enddef;

```



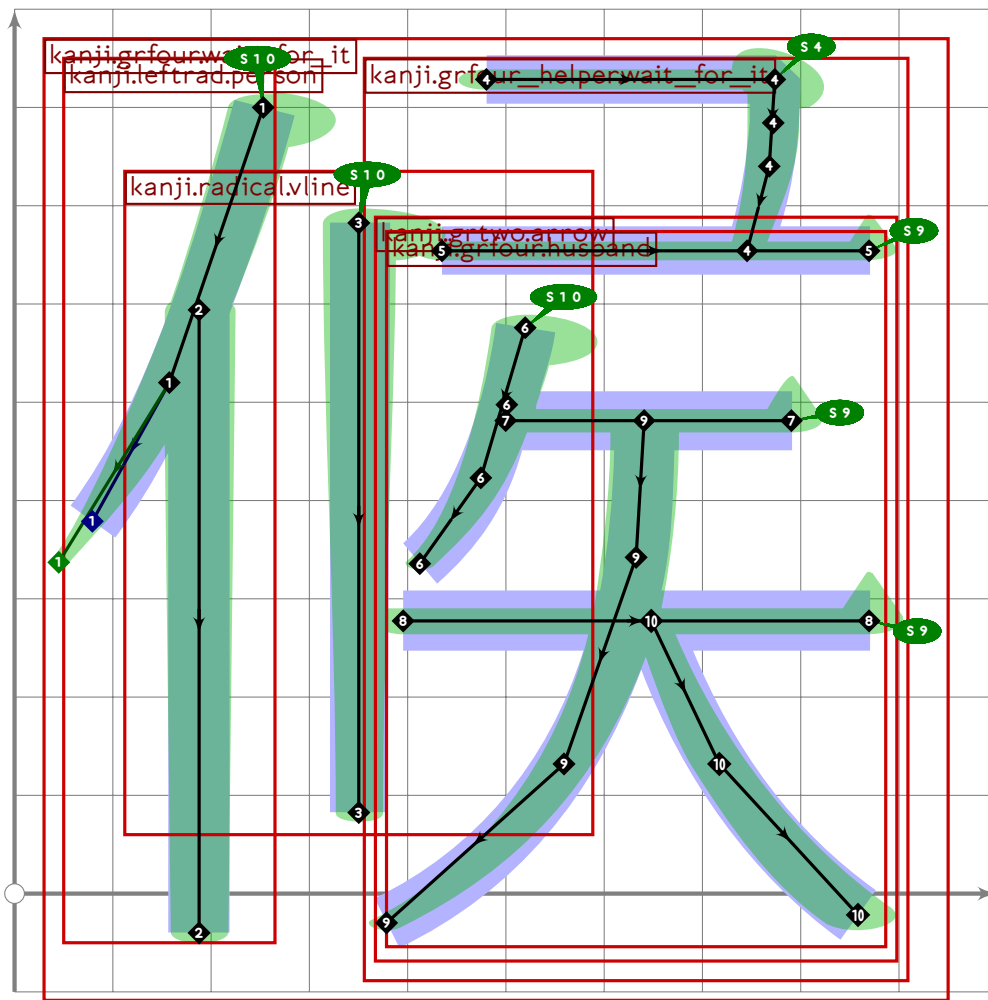
2122



```

91
92 vardef kanji.grfour.side =
93   push_pbox_toexpand("kanji.grfour.side");
94   build_kanji.lr(280,0)
95     (kanji.leftrad.person)
96     (kanji.grfive.conform);
97   expand_pbox;
98 enddef;
99
100 vardef kanji.grfour_helperwait_for_it =
101   push_pbox_toexpand("kanji.grfour_helperwait_for_it");
102   build_kanji.tb(620,-30)
103     (push_stroke((230,760)-(750,760)..tension 1.2..(740,390)..(700,30),
104       (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.2,1.2));
105     set_botip(0,1,1);
106     set_boserif(0,1,4);
107     push_stroke((150,30)-(920,30),(1.5,1.5)-(1.5,1.5));
108     set_boserif(0,1,9))
109     (kanji.grtwo.arrow);
110   expand_pbox;
111 enddef;

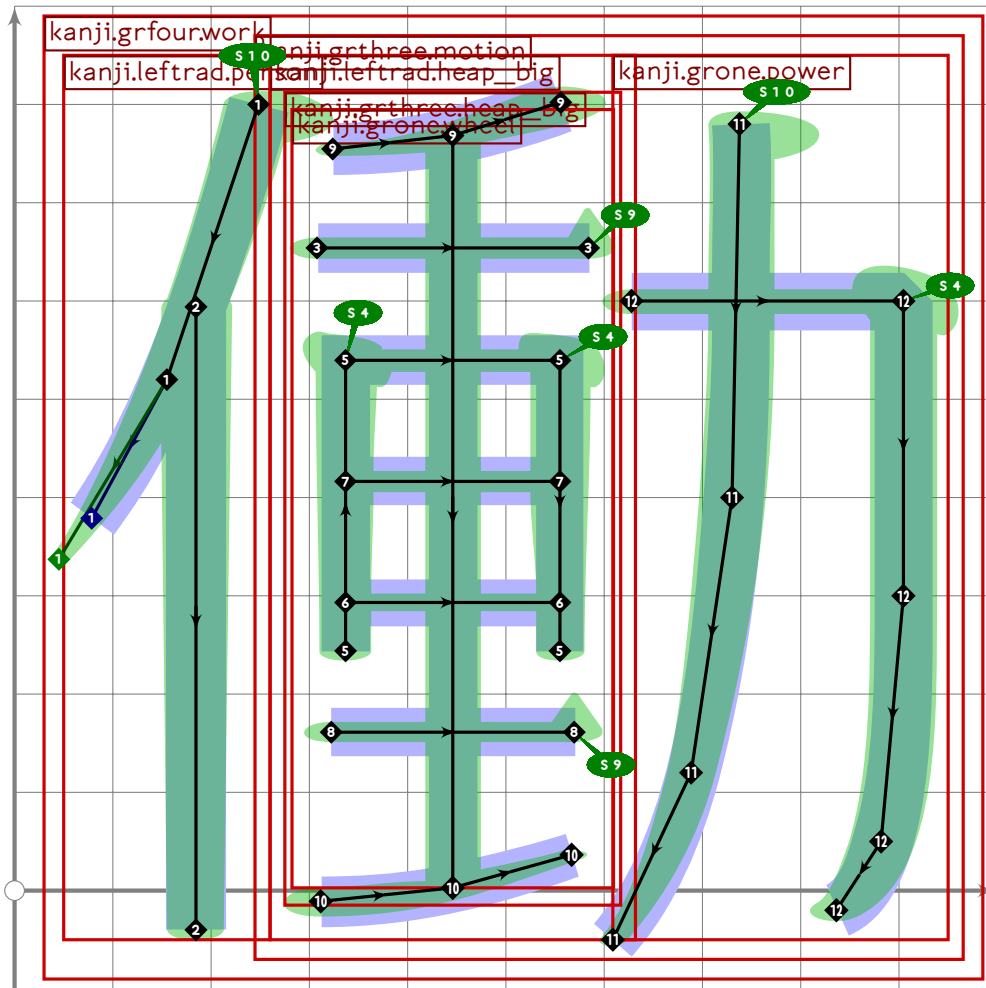
```



```

112
113 vardef kanji.grfourwait_for_it =
114   push_pbox_toexpand("kanji.grfourwait_for_it");
115   build_kanji.lr(290;50)
116     (kanji.leftrad.person)
117     (perl_structure:=perl_structure&"eids.u2FF0._1.1_";
118     build_kanji.sscale(scaled 0.75 shifted (-400,0))(kanji.radical.vline);
119     build_kanji.sscale(xscaled 0.8)(kanji.grfour_helperwait_for_it));
120   expand_pbox;
121 enddef;

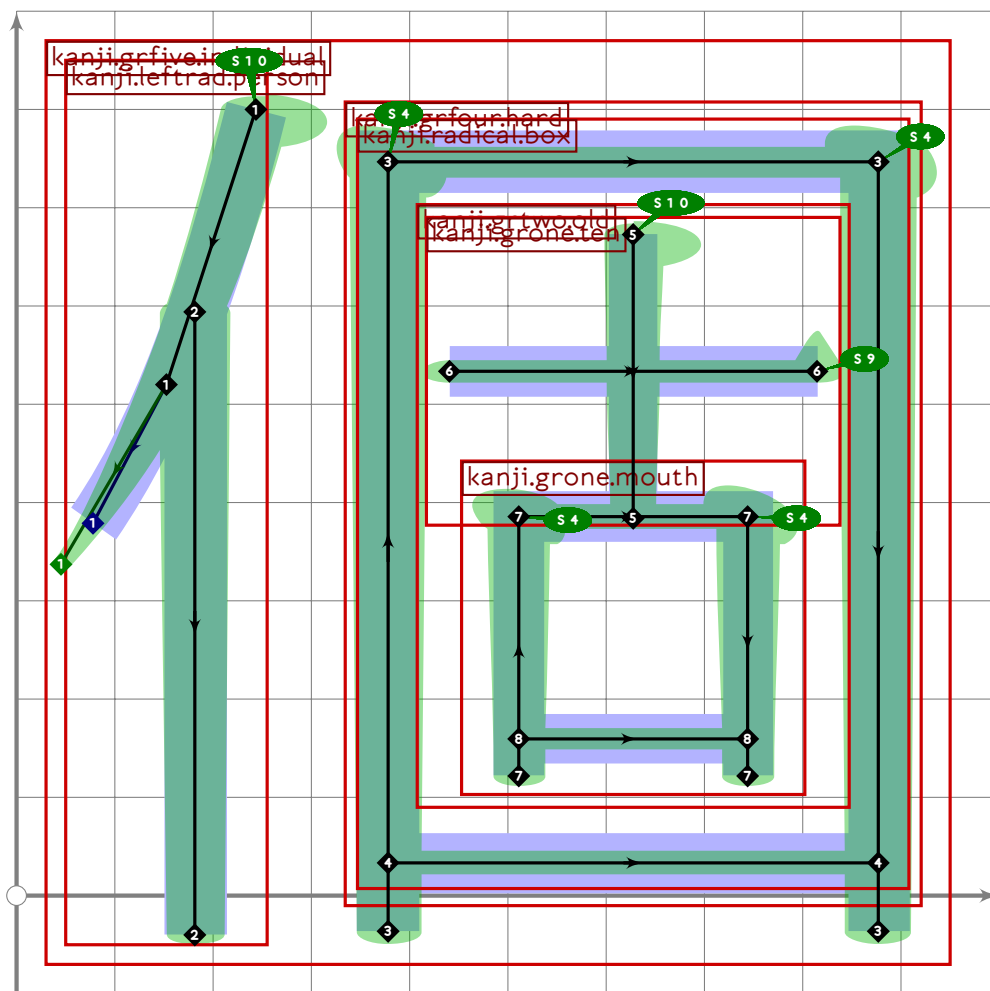
```



```

122
123 vardef kanji.grfour.work =
124   push_pbox_toexpand("kanji.grfour.work");
125   build_kanji.lr(260,0)
126     (kanji.leftrad.person)
127     (kanji.grthree.motion);
128   expand_pbox;
129 enddef;
130
131

```

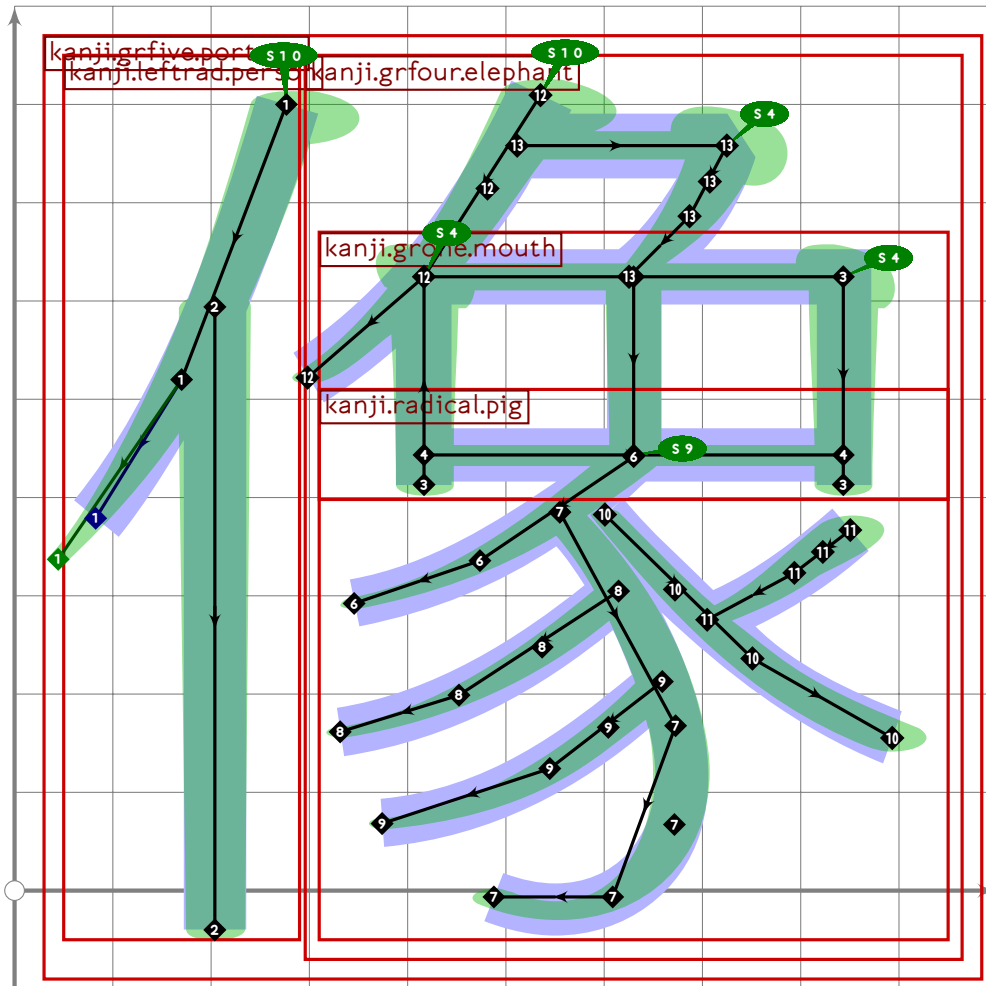


```

132
133 vardef kanji.grfive.individual =
134   push_pbox_toexpand("kanji.grfive.individual");
135   build_kanji.lr(280,-50)
136     (kanji.leftrad.person)
137     (build_kanji.sscale(scaled 0.87)(kanji.grfour.hard));
138   expand_pbox;
139 enddef;

```

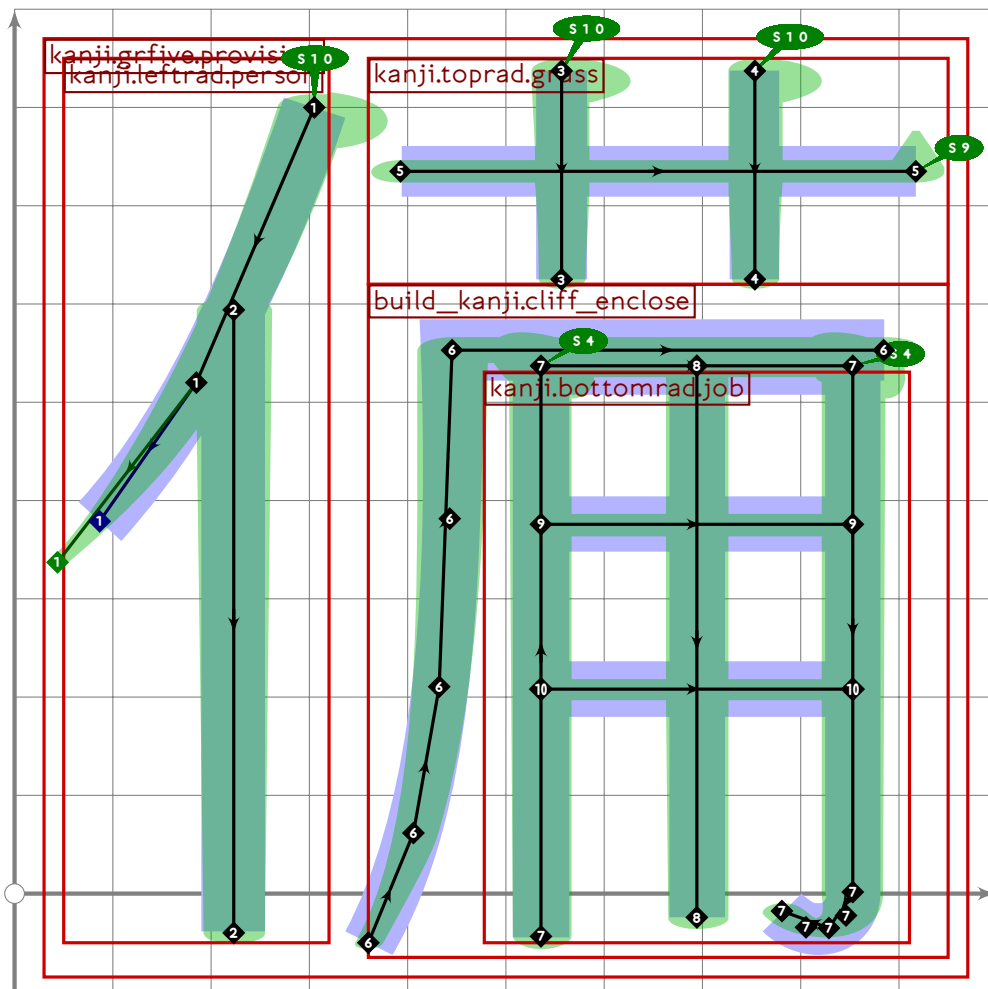




```

140
141 vardef kanji.grfive.portrait =
142   push_pbox_toexpand("kanji.grfive.portrait");
143   build_kanji.lr(300;20)
144     (kanji.leftrad.person)
145     (kanji.grfour.elephant);
146   expand_pbox;
147 enddef;

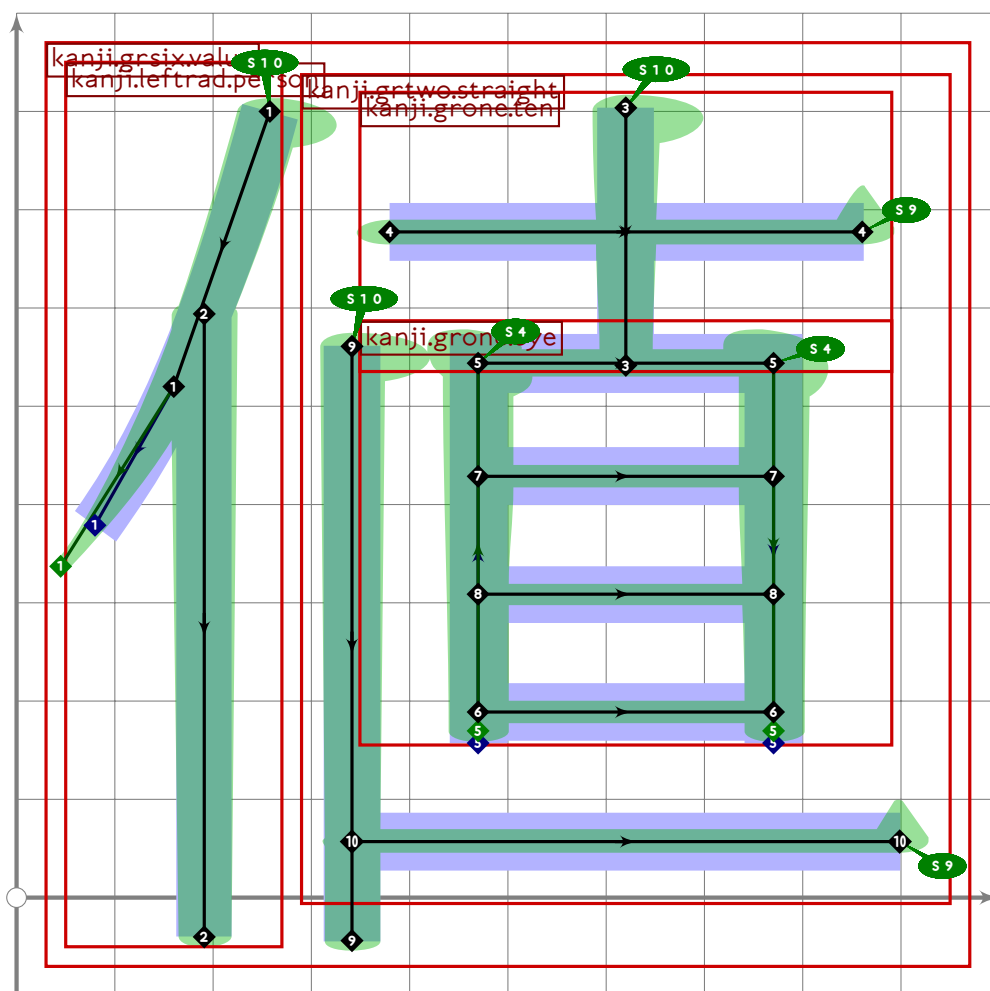
```



```

148
149 vardef kanji.grfive.provision =
150   push_pbox__toexpand("kanji.grfive.provision");
151   build_kanji.lr(340,-40)
152     (kanji.leftrad.person)
153     (build_kanji.tb(620,0)
154       (kanji.toprad.grass)
155       (build_kanji.cliff_enclose(kanji.bottomrad.job)));
156   expand_pbox;
157 enddef;
158
159

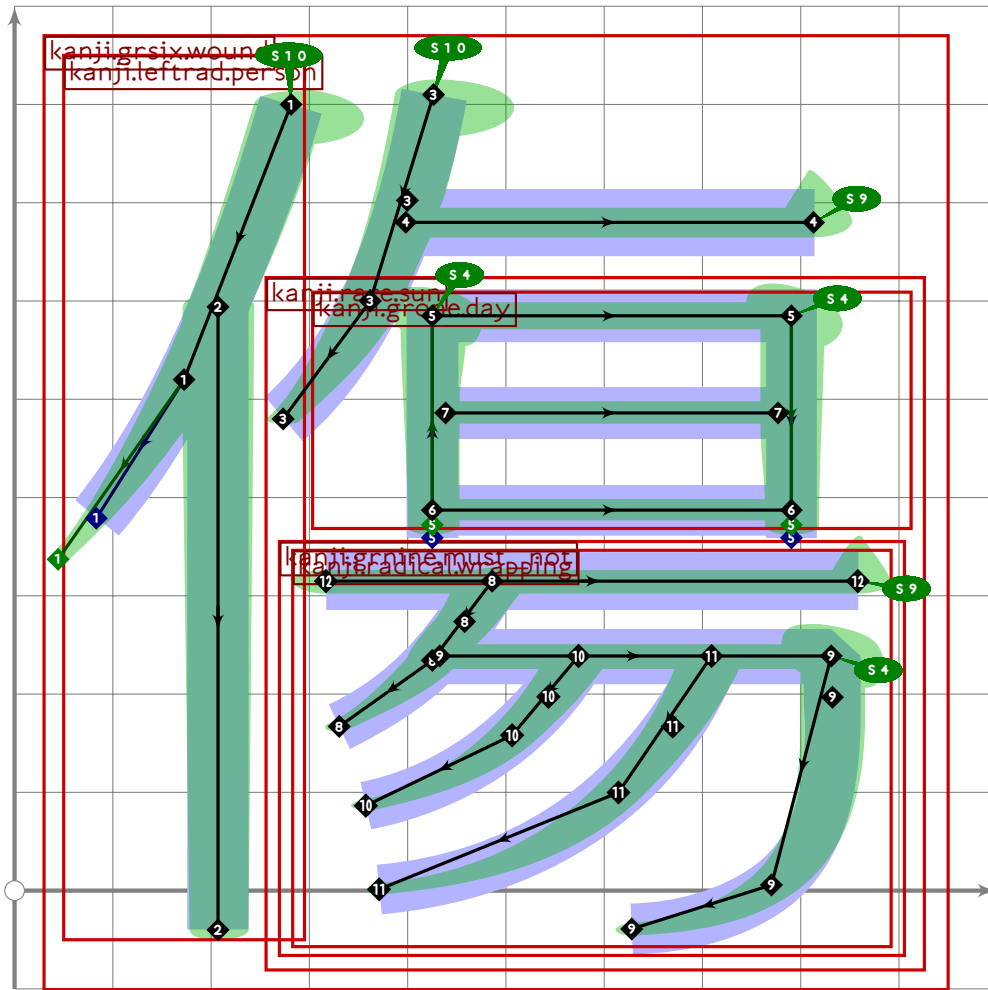
```



```

160
161 vardef kanji.grsix.value =
162   push_pbox__toexpand("kanji.grsix.value");
163   build_kanji.level(build_kanji.lr(280;20)
164     (kanji.leftrad.person)
165     (build_kanji.sscale(yscaled 0.90)(kanji.grtwo.straight)));
166   expand_pbox;
167 enddef;

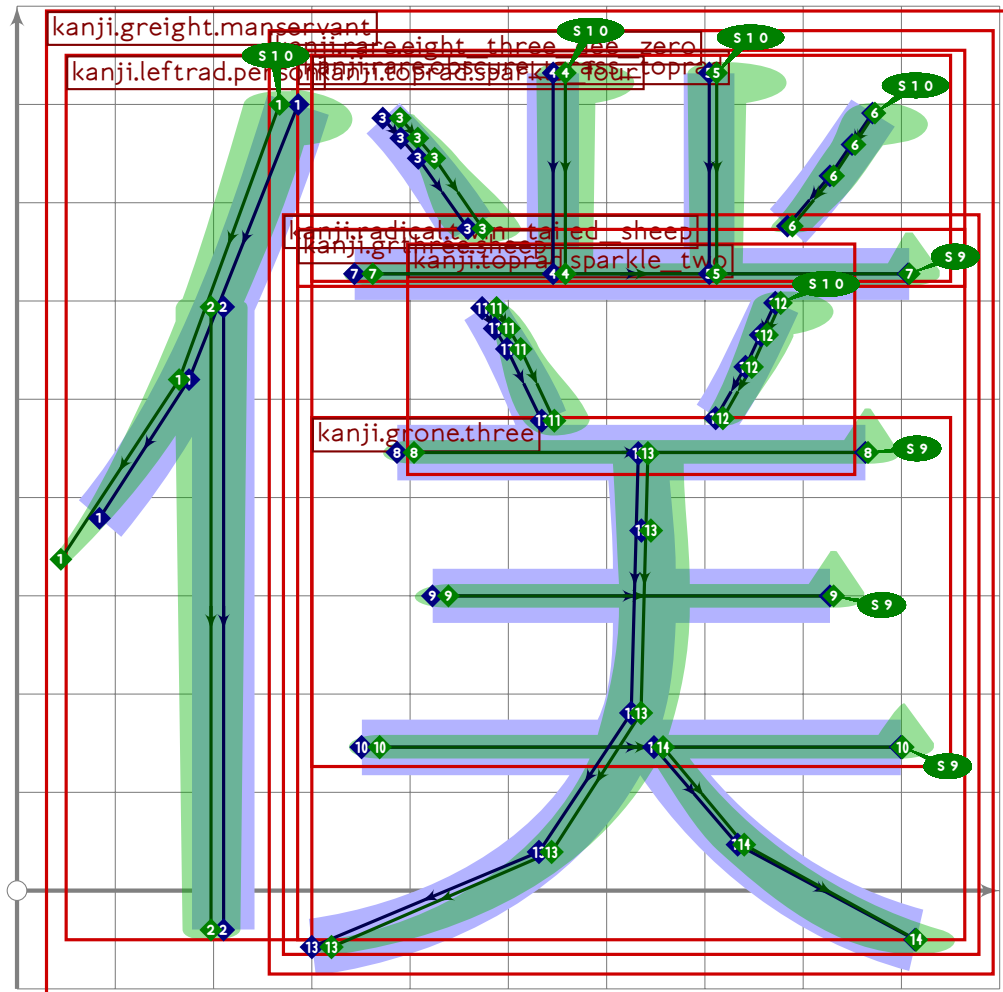
```



```

168
169 vardef kanji.grsix.wound =
170   push_pbox_toexpand("kanji.grsix.wound");
171   build_kanji.lr(260,70)
172     (kanji.leftrad.person)
173     (push_stroke((300,810)..tension 1.2..(220,600)..(110,480),
174       (1.6,1.6)-(14,14)-(1,1));
175     set_boserif(0,0,10);
176     push_stroke((100,680)-(780,680),(1.6,1.6)-(1.6,1.6));
177     set_boserif(0,1,9);
178     replace_stroke(0)(subpath
179       (0.01+xpart (oldp intersectiontimes get_stroke(-1)),1) of oldp);
180     tsu_xform(identity shifted (-500,0) xyscaled (0.84,0.74)
181       shifted (500,-20))
182     (kanji.rare.sun));
183   expand_pbox;
184 enddef;
185
186

```



```

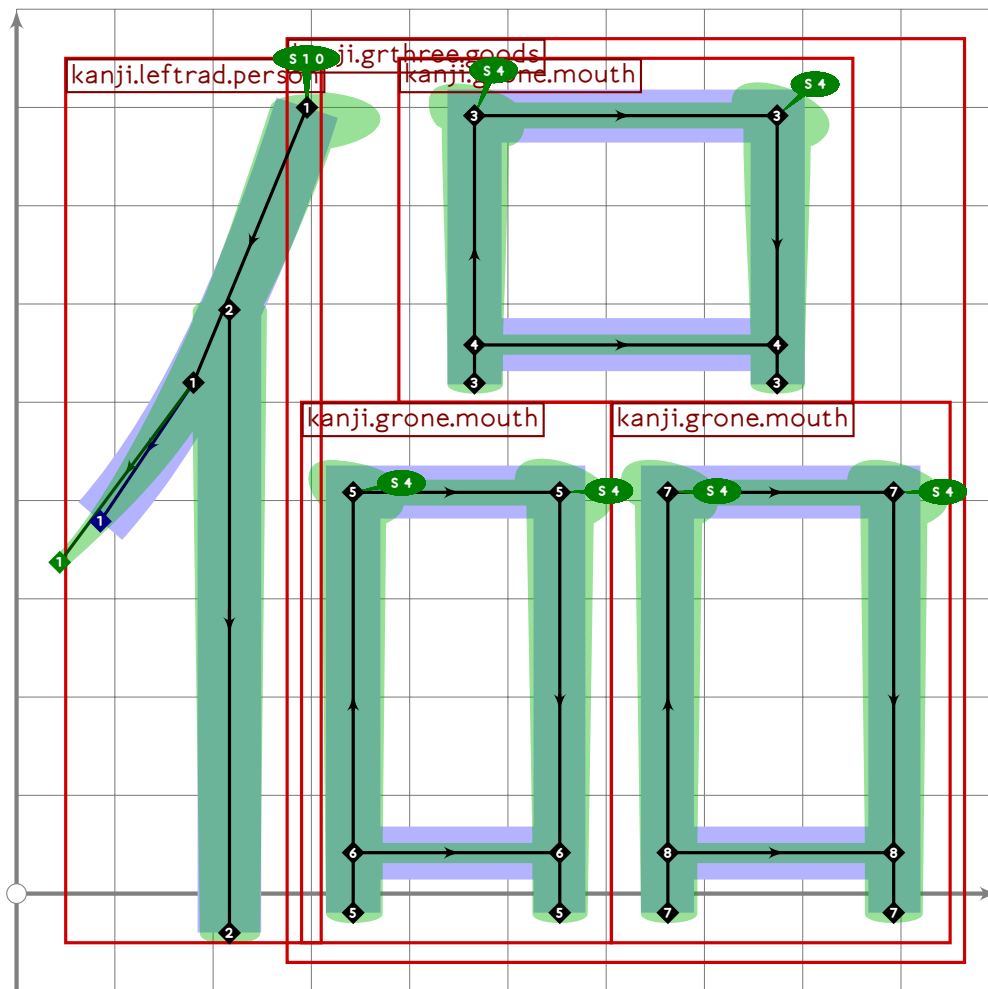
187
188 vardef kanji.greight.manservant =
189   push_pbox_toexpand("kanji.greight.manservant");
190   build_kanji.lr(300;40*mincho)
191     (kanji.leftrad.person)
192     (kanji.rare.eight_three_dee_zero);
193   expand_pbox;
194 enddef;
195
196
197
198 % sou/kura "warehouse"
199 begintsuglyph("uni5009'9);
200   kanji.grfour.warehouse;
201   tsu_render;
202 endtsuglyph;
203
204 % ko "individual" or "counter for things"
205 begintsuglyph("uni500B'11);
206   kanji.grfive.individual;
207   tsu_render;

```

[see page 762]

[see page 2126]

```
208 endtsuglyph;
209
210 % bai/be "double"
211 begintsuglyph("uni500D";13); [see page 2119]
212 kanji.grthree.double;
213 tsu_render;
214 endtsuglyph;
215
216 % kou/sourou "season" or "candidate"
217 begintsuglyph("uni5019";25); [see page 2124]
218 kanji.grfour.wait_for_it;
219 tsu_render;
220 endtsuglyph;
221
222 % shaku/ka "borrow"
223 begintsuglyph("uni501F";31); [see page 2120]
224 kanji.grfour.borrow;
225 tsu_render;
226 endtsuglyph;
227
228 % chi/ne "value"
229 begintsuglyph("uni5024";36); [see page 2129]
230 kanji.grsix.value;
231 tsu_render;
232 endtsuglyph;
233
```



```

234 % extra
235 begintsuglyph("uni5058",88);
236   build_kanji.lr(300,20)
237     (kanji.leftrad.person)
238     (kanji.grthree.goods);
239   tsu_render;
240 endtsuglyph;
241
242 % tei/to "halt"
243 begintsuglyph("uni505C",92);
244   kanji.grfour.halt;
245   tsu_render;
246 endtsuglyph;
247
248 % ken/shita "healthy"
249 begintsuglyph("uni5065",101);
250   kanji.grfour.healthy;
251   tsu_render;
252 endtsuglyph;
253
254 % soku/kawa "side"

```

[see page 2121]

[see page 2122]

```

255 begintsuglyph("uni5074";116); [see page 2123]
256   kanji.grfour.side;
257   tsu_render;
258 endtsuglyph;
259
260 % bi/sana "provision"
261 begintsuglyph("uni5099";153); [see page 2128]
262   kanji.grfive.provision;
263   tsu_render;
264 endtsuglyph;
265
266 % shou/kizu "wound," "hurt"
267 begintsuglyph("uni50B7";183); [see page 2130]
268   kanji.grsix.wound;
269   tsu_render;
270 endtsuglyph;
271
272 % dou/hatara "work"
273 begintsuglyph("uni50CD";205); [see page 2125]
274   kanji.grfour.work;
275   tsu_render;
276 endtsuglyph;
277
278 % zou "portrait"
279 begintsuglyph("uni50CF";207); [see page 2127]
280   kanji.grfive.portrait;
281   tsu_render;
282 endtsuglyph;
283
284 % boku/shimobe "masculine first-person pronoun" (or "servant")
285 begintsuglyph("uni50D5";213); [see page 2131]
286   kanji.greight.manservant;
287   tsu_render;
288 endtsuglyph;
289
290 _____
291
292 endfont;
293
294 _____

```



# tsuku-51.mp

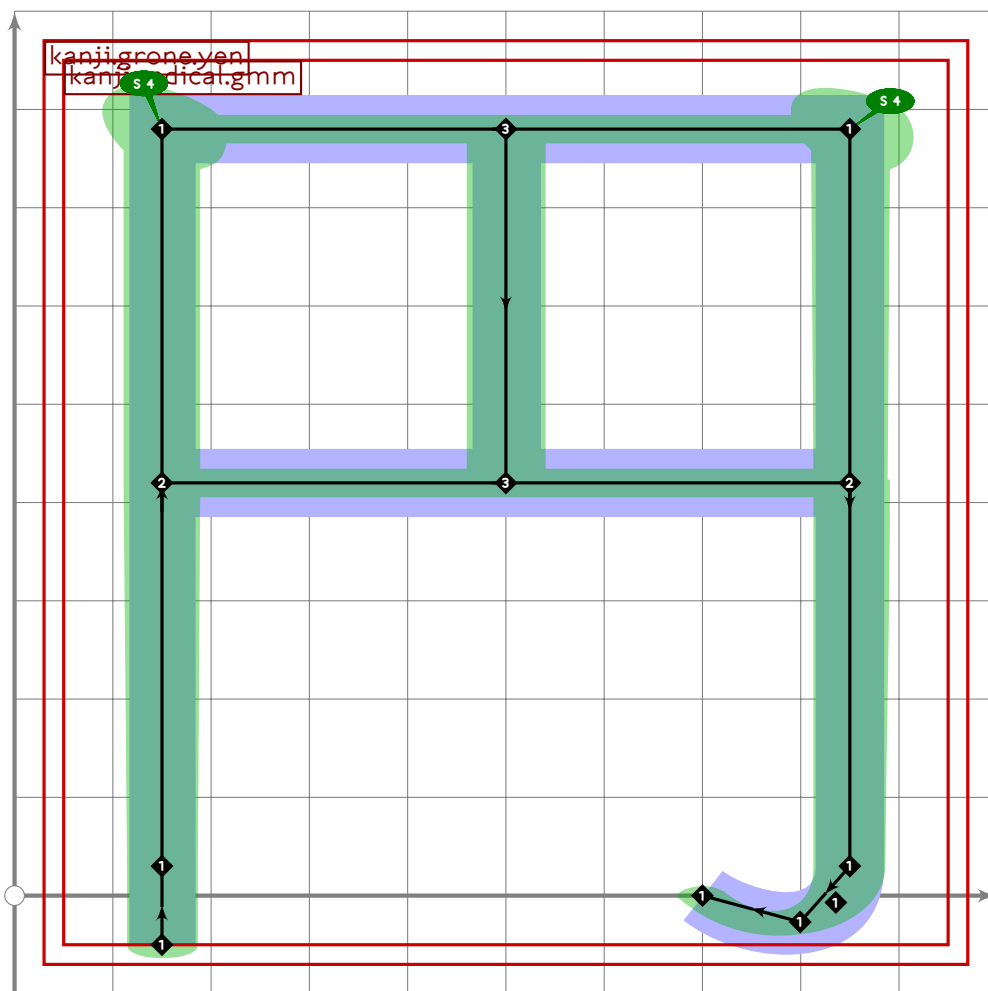
```
1 %
2 % Unicode page 51 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

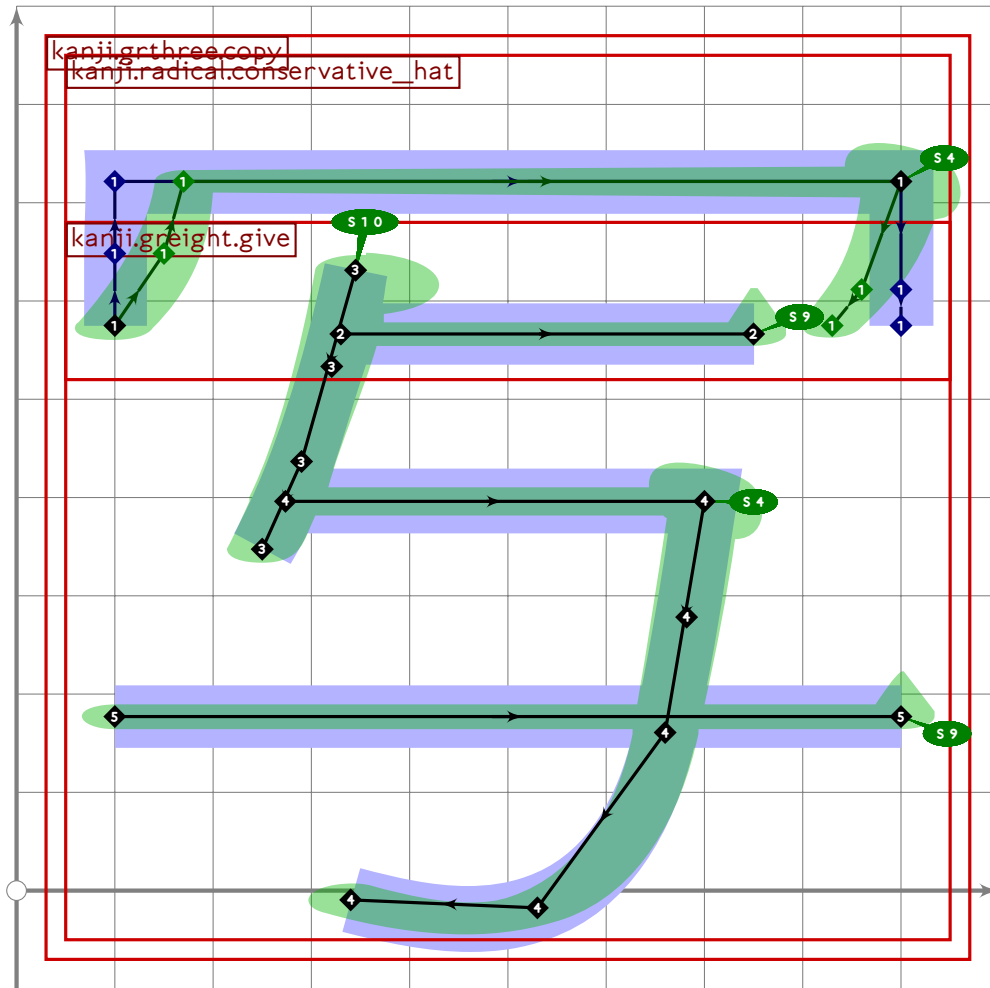

```



```

54
55 vardef kanji.grone.yen =
56   push_pbox__toexpand("kanji.grone.yen");
57   kanji.radical.gmm;
58   push_stroke((point 1.52 of get_stroke(0))--(point 3.48 of get_stroke(0)),
59     (1.6,1.6)--(1.6,1.6));
60   push_stroke((point 2.5 of get_stroke(-1))--(point 0.5 of get_stroke(0)),
61     (1.6,1.6)--(1.6,1.6));
62   expand_pbox;
63 enddef;
64
65

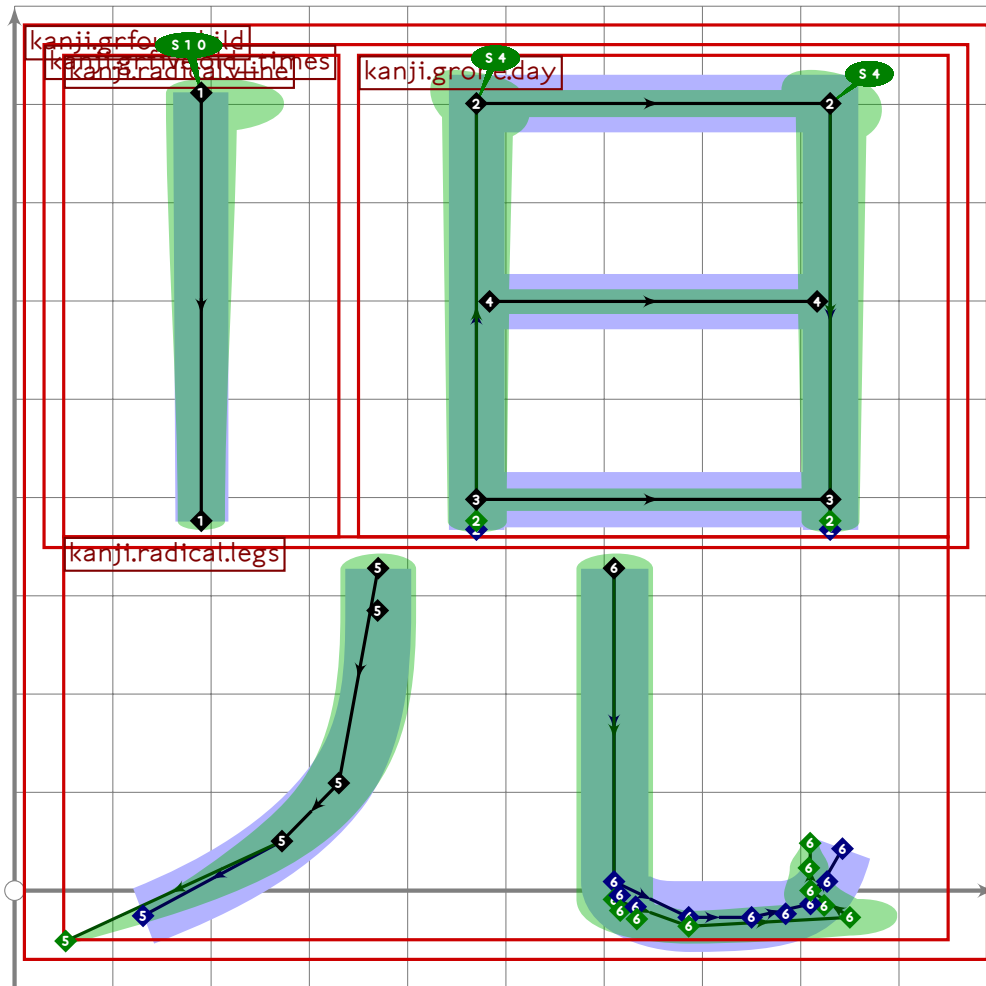
```



```

66
67 vardef kanji.grthree.copy =
68   push_pbox_toexpand("kanji.grthree.copy");
69   build_kanji.level(build_kanji.tb(600,160)
70     (kanji.radical.conservative_hat)
71     (kanji.greight.give));
72   expand_pbox;
73 enddef;
74
75

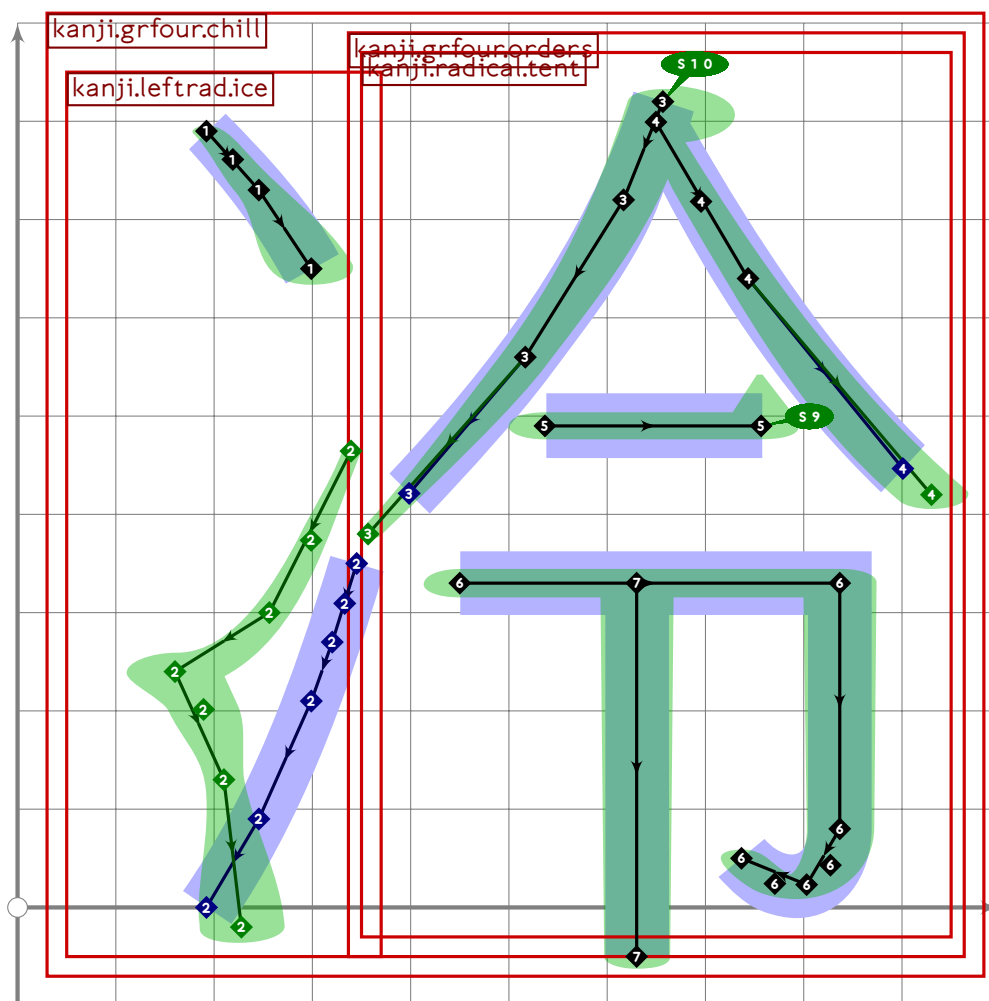
```



```

76
77 vardef kanji.grfour.child =
78   push_pbox_toexpand("kanji.grfour.child");
79   build_kanji.tb(360,0)
80     (kanji.grfive.old_times)
81     (kanji.radical.legs);
82   expand_pbox;
83 enddef;

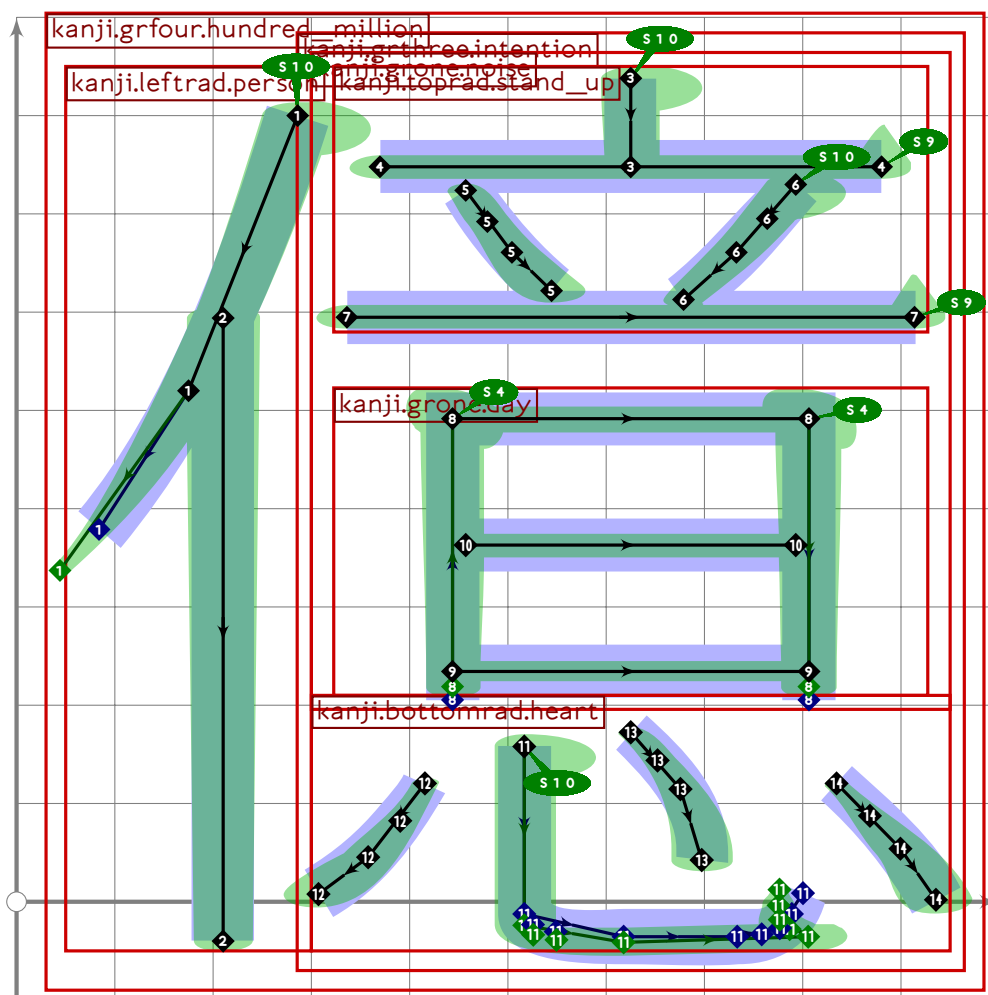
```



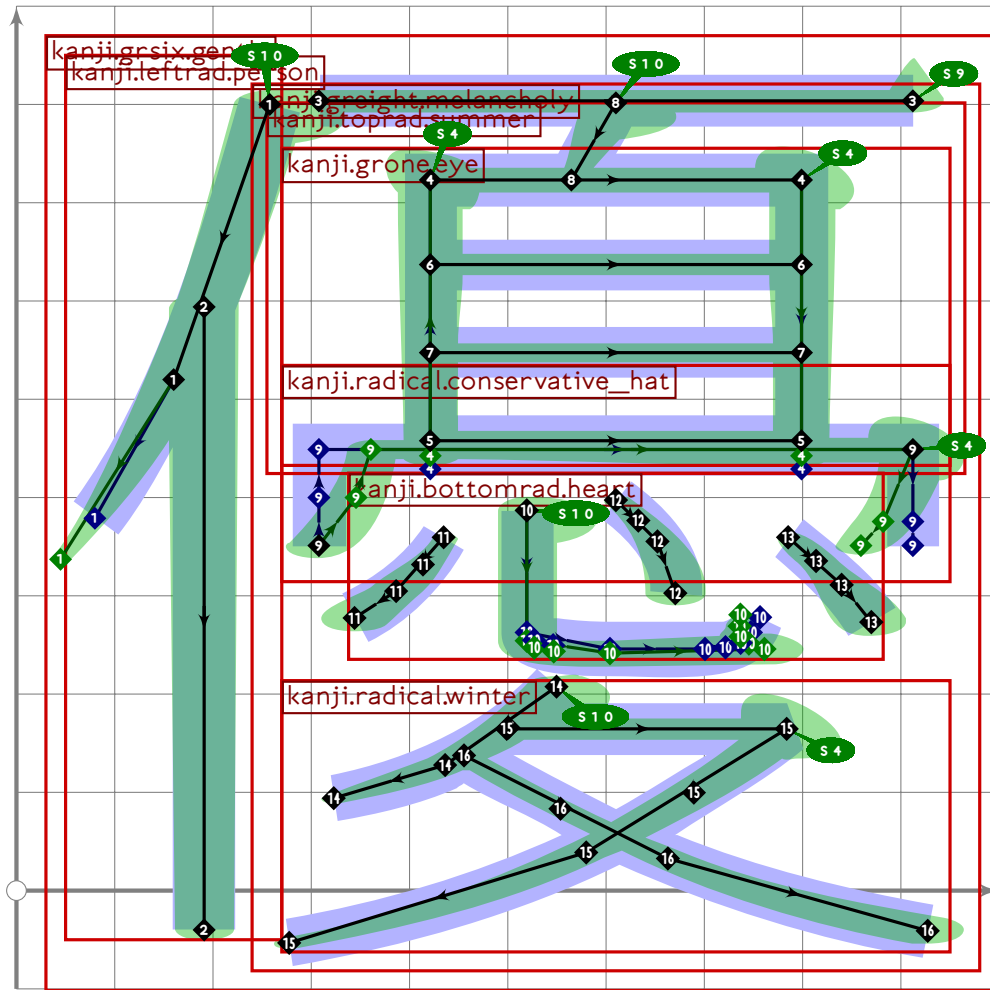
```

84
85 vardef kanji.grfour.chill =
86   push_pbox_toexpand("kanji.grfour.chill");
87   build_kanji.lr(360,20)
88     (kanji.leftrad.ice)
89     (build_kanji.sscale(shifted (0,20))(kanji.grfour.orders));
90   expand_pbox;
91 enddef;

```



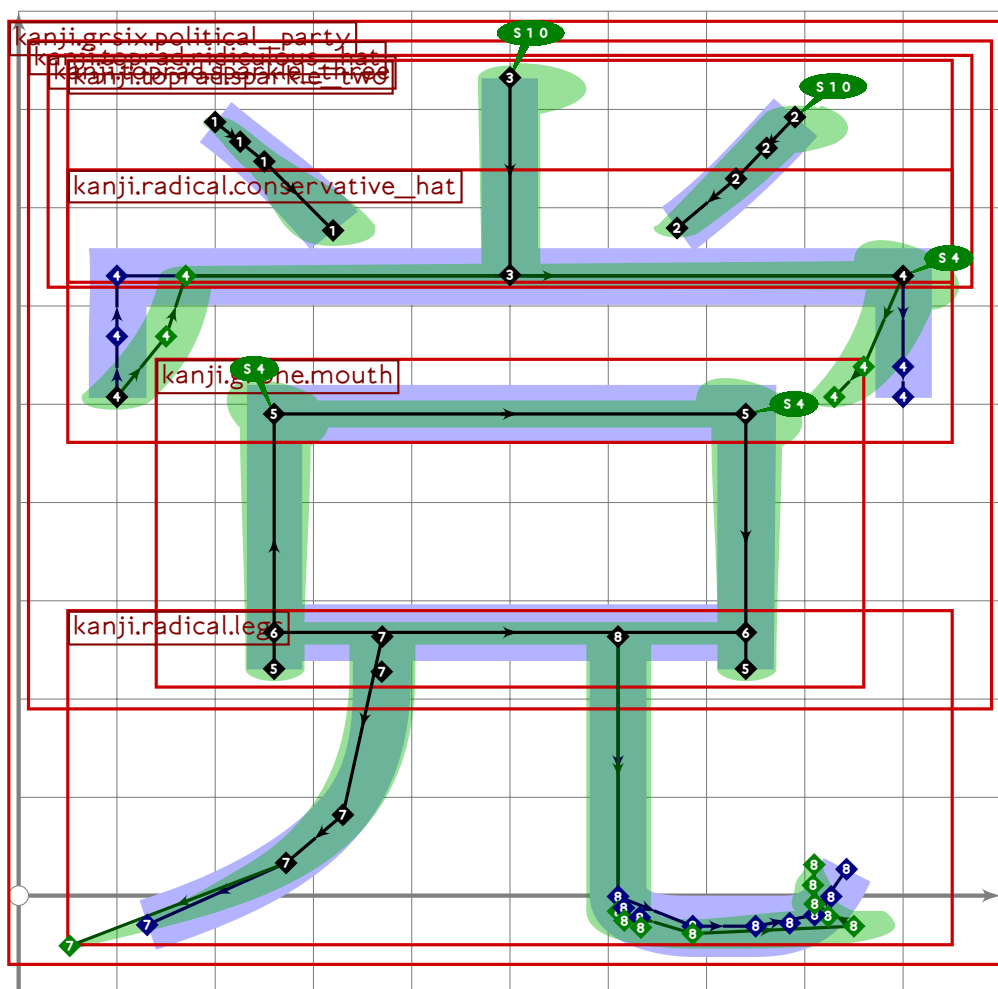
---



```

102
103 vardef kanji.grsix.gentle =
104   push_pbox_toexpand("kanji.grsix.gentle");
105   build_kanji.lr(270,0)
106     (kanji.leftrad.person)
107     (build_kanji.sscale(yscaled 0.96 shifted (0,-30))
108       (kanji.greight.melancholy));
109   expand_pbox;
110 enddef;

```



```

111
112 vardef kanji.grsix.political_party =
113   push_pbox_toexpand("kanji.grsix.political_party");
114   build_kanji.level(build_kanji.tb(240,100)
115     (kanji.toprad.ridiculous_hat)
116     (kanji.radical.legs));
117   expand_pbox;
118 enddef;
119
120
121
122 % oku "one hundred million"
123 beginsuglyph("uni5104";4);
124   kanji.grfour.hundred_million;
125   tsu_render;
126 endtsuglyph;
127
128 % yuu/yasa "gentle"
129 beginsuglyph("uni512A";42);
130   kanji.grsix.gentle;
131   tsu_render;

```

[see page 2140]

[see page 2141]



132 endtsuglyph;  
 133  
 134 % legs radical  
 135 begintsuglyph("uni513F";63); [see page 875]  
 136 kanji.radical.legs;  
 137 tsu\_\_render;  
 138 endtsuglyph;  
 139  
 140 % kotsu "bald"  
 141 begintsuglyph("uni5140";64); [see page 1035]  
 142 kanji.rare.bald;  
 143 tsu\_\_render;  
 144 endtsuglyph;  
 145  
 146 % in/shou "permission"  
 147 begintsuglyph("uni5141";65); [see page 1016]  
 148 kanji.grnine.permission;  
 149 tsu\_\_render;  
 150 endtsuglyph;  
 151  
 152 % moto/gen "origin"  
 153 begintsuglyph("uni5143";67); [see page 562]  
 154 kanji.grtwo.origin;  
 155 tsu\_\_render;  
 156 endtsuglyph;  
 157  
 158 % nii (as in oniisan) "big brother"  
 159 begintsuglyph("uni5144";68); [see page 497]  
 160 kanji.grtwo.big\_\_brother;  
 161 tsu\_\_render;  
 162 endtsuglyph;  
 163  
 164 % shuu/a "fulfill"  
 165 begintsuglyph("uni5145";69); [see page 939]  
 166 kanji.greight.fulfill;  
 167 tsu\_\_render;  
 168 endtsuglyph;  
 169  
 170 % chou/kiza "portent" or "trillion"  
 171 begintsuglyph("uni5146";70); [see page 743]  
 172 kanji.grfour.portent;  
 173 tsu\_\_render;  
 174 endtsuglyph;  
 175  
 176 % sen "ahead"  
 177 begintsuglyph("uni5148";72); [see page 421]  
 178 kanji.grone.ahead;  
 179 tsu\_\_render;

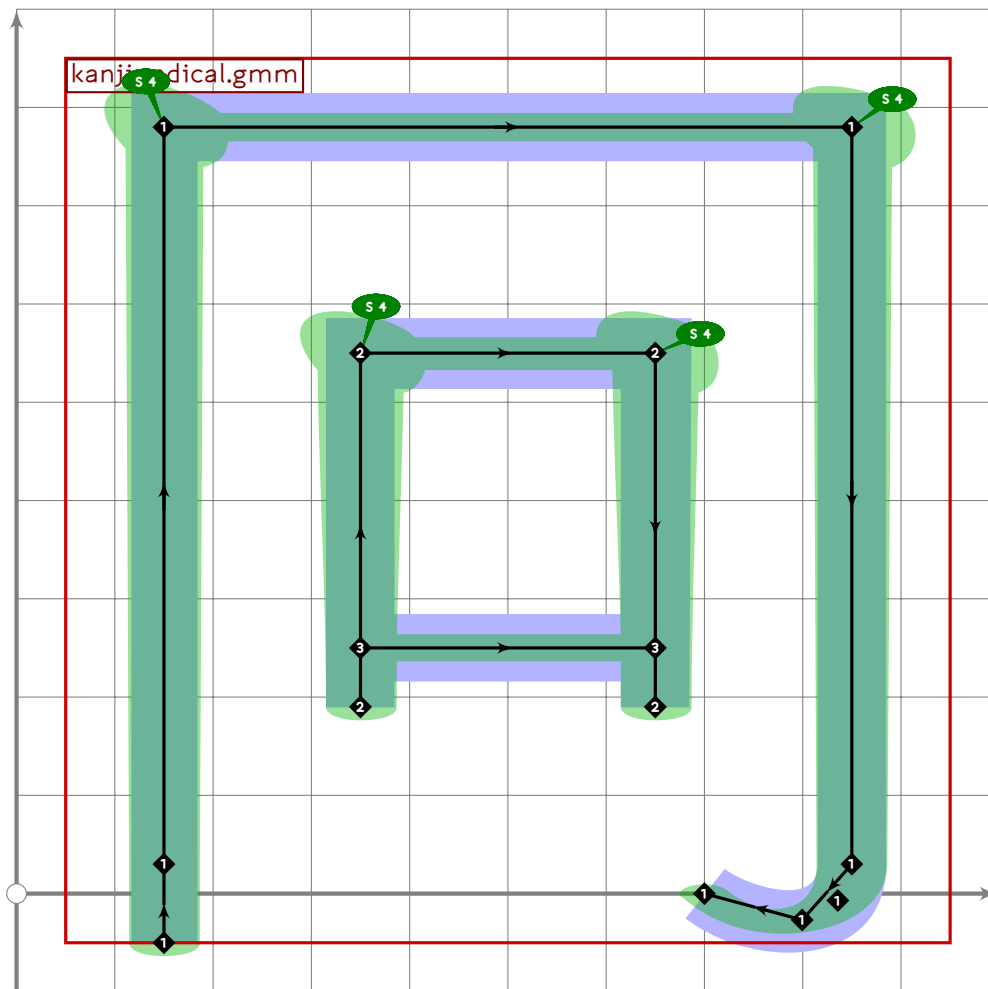
```

180 endtsuglyph;
181
182 % kou/hikari "shine"
183 begintsuglyph("uni5149";73); [see page 572]
184   kanji.grtwo.shine;
185   tsu__render;
186 endtsuglyph;
187
188 % men/manu "dismiss"
189 begintsuglyph("uni514D";77); [see page 935]
190   kanji.greight.dismiss;
191   tsu__render;
192 endtsuglyph;
193
194 % ko/ji "child"
195 begintsuglyph("uni5150";80); [see page 2138]
196   kanji.grfour.child;
197   tsu__render;
198 endtsuglyph;
199
200 % rare needed for 8AAC
201 begintsuglyph("uni5151";81); [see page 1043]
202   kanji.rare.cash;
203   tsu__render;
204 endtsuglyph;
205
206 % tou/nakama "political party"
207 begintsuglyph("uni515A";90); [see page 2142]
208   kanji.grsix.political_party;
209   tsu__render;
210 endtsuglyph;
211
212 % hai/i "put it in"
213 begintsuglyph("uni5165";101); [see page 468]
214   kanji.grone.put_it_in;
215   tsu__render;
216 endtsuglyph;
217
218 % zen/matta "complete"
219 begintsuglyph("uni5168";104); [see page 621]
220   kanji.grthree.complete;
221   tsu__render;
222 endtsuglyph;
223
224 % hachi/ya "eight"
225 begintsuglyph("uni516B";107); [see page 437]
226   kanji.grone.eight;
227   tsu__render;

```

228 endtsuglyph;  
 229  
 230 % kou/kimi "public" but also the pronoun kimi  
 231 begintsuglyph("uni516C";108); [see page 565]  
 232 kanji.grtwo.public;  
 233 tsu\_render;  
 234 endtsuglyph;  
 235  
 236 % roku/mui "six"  
 237 begintsuglyph("uni516D";109); [see page 477]  
 238 kanji.grone.six;  
 239 tsu\_render;  
 240 endtsuglyph;  
 241  
 242 % kyou/tomo "together"  
 243 begintsuglyph("uni5171";113); [see page 758]  
 244 kanji.grfour.together;  
 245 tsu\_render;  
 246 endtsuglyph;  
 247  
 248 % hei/tsuwamono "soldier"  
 249 begintsuglyph("uni5175";117); [see page 753]  
 250 kanji.grfour.soldier;  
 251 tsu\_render;  
 252 endtsuglyph;  
 253  
 254 % ki/so "that" (as in sore and sono)  
 255 begintsuglyph("uni5176";118); [see page 1023]  
 256 kanji.grnine.that;  
 257 tsu\_render;  
 258 endtsuglyph;  
 259  
 260 % gu/sona "ingredient"  
 261 begintsuglyph("uni5177";119); [see page 643]  
 262 kanji.grthree.ingredient;  
 263 tsu\_render;  
 264 endtsuglyph;  
 265  
 266 % ten/suke "rule"  
 267 begintsuglyph("uni5178";120); [see page 748]  
 268 kanji.grfour.rule;  
 269 tsu\_render;  
 270 endtsuglyph;  
 271  
 272 % George Michael's Moustache  
 273 begintsuglyph("uni5182";130); [see page 873]  
 274 kanji.radical.gmm;  
 275 tsu\_render;

```
276 endtsuglyph;
277
278 % nai/uchi "home, me"
279 begintsuglyph("uni5185";133); [see page 533]
280 kanji.grtwo.home;
281 tsu_render;
282 endtsuglyph;
283
284 % en "yen" (currency unit)
285 begintsuglyph("uni5186";134); [see page 2136]
286 kanji.grone.yen;
287 tsu_render;
288 endtsuglyph;
289
290 % terra-cotta colour, needed for grade five "again"
291 begintsuglyph("uni5189";137); [see page 1099]
292 kanji.rare.terracotta;
293 tsu_render;
294 endtsuglyph;
295
296 % satsu/fumi "counter for books"
297 begintsuglyph("uni518A";138); [see page 819]
298 kanji.grsix.book_counter;
299 tsu_render;
300 endtsuglyph;
301
```



```

302 % extra
303 begintsuglyph("uni518B",139);
304   kanji.radical.gmm;
305   build_kanji.box((350,550),(650,250));
306   tsu_render;
307 endtsuglyph;
308
309 % sai/futata "again"
310 begintsuglyph("uni518D",141);
311   kanji.grfive.again;
312   tsu_render;
313 endtsuglyph;
314
315 % kei/akiraka "clear"
316 begintsuglyph("uni518F",143);
317   kanji.rare.clear;
318   tsu_render;
319 endtsuglyph;
320
321 % used in "posture"
322 begintsuglyph("uni5193",147);

```

[see page 765]

[see page 1045]

[see page 1069]

```

323 kanji.rare.inner_palace;
324 tsu_render;
325 endtsuglyph;
326
327 % like silly-hat minus the upper bobble
328 begintsuglyph("uni5196";150); [see page 866]
329 kanji.radical.conservative_hat;
330 tsu_render;
331 endtsuglyph;
332
333 % sha/utsu "copy" (often photo)
334 begintsuglyph("uni5199";153); [see page 2137]
335 kanji.grthree.copy;
336 tsu_render;
337 endtsuglyph;
338
339 % tou/fuyu "winter"
340 begintsuglyph("uni51AC";172); [see page 597]
341 kanji.grtwowinter;
342 tsu_render;
343 endtsuglyph;
344
345 % rei/tsume "chill"
346 begintsuglyph("uni51B7";183); [see page 2139]
347 kanji.grfour.chill;
348 tsu_render;
349 endtsuglyph;
350
351 % ki/kinyou "windy radical"
352 begintsuglyph("uni51E0";224); [see page 897]
353 kanji.radical.windy;
354 tsu_render;
355 endtsuglyph;
356
357 % bon/oyoso "mediocre"
358 begintsuglyph("uni51E1";225); [see page 955]
359 kanji.greight.mediocre;
360 tsu_render;
361 endtsuglyph;
362
363 % sho/tokoro
364 begintsuglyph("uni51E6";230); [see page 832]
365 kanji.grsix.put_in_place;
366 tsu_render;
367 endtsuglyph;
368
369 % kan "open box radical"
370 begintsuglyph("uni51F5";245); [see page 884]

```

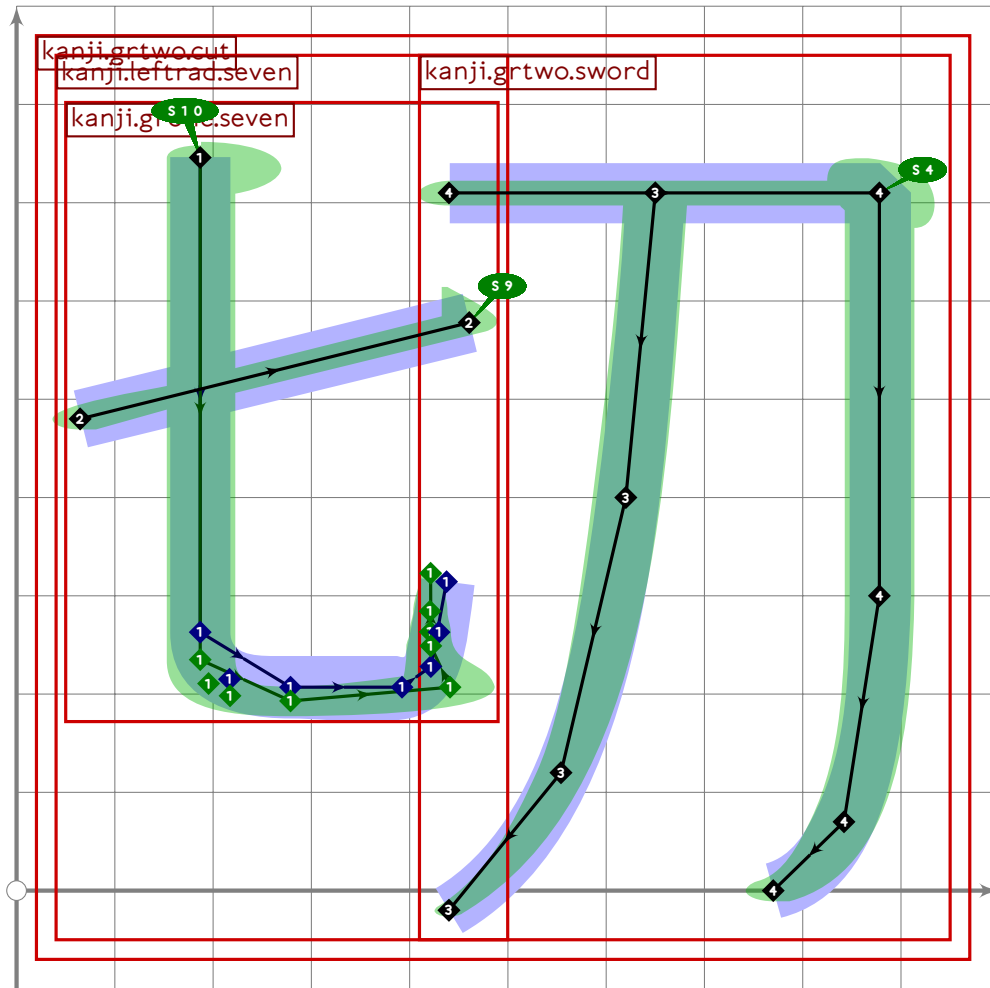
```

371 kanji.radical.open_box;
372 tsu_render;
373 endtsuglyph;
374
375 % kyou "bad luck"
376 begintsuglyph("uni51F6";246); [see page 922]
377 kanji.greight.bad_luck;
378 tsu_render;
379 endtsuglyph;
380
381 % de "go away"
382 begintsuglyph("uni51FA";250); [see page 445]
383 kanji.grone.go_away;
384 tsu_render;
385 endtsuglyph;
386
387 _____
388
389 endfont;
390
391 _____

```

```
1 %
2 % Unicode page 52 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input 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
```

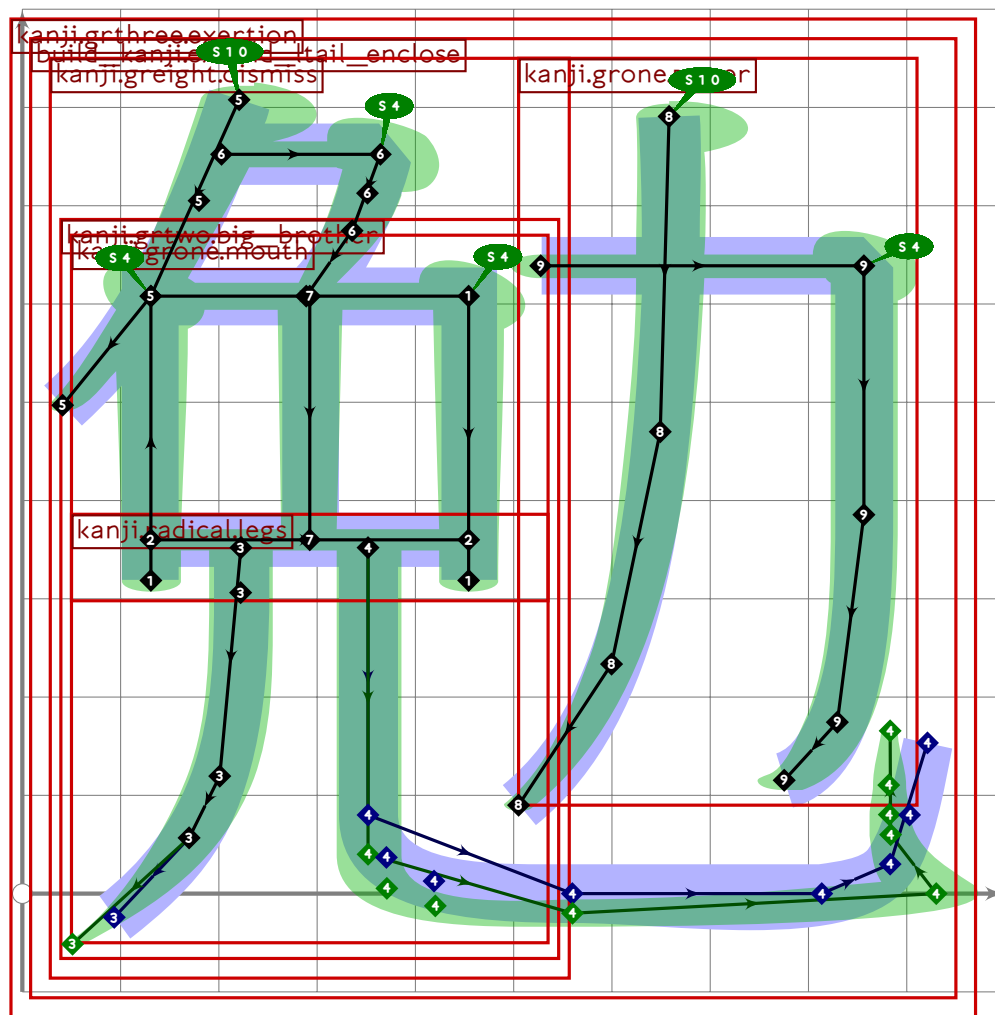




```

55
56 vardef kanji.grtwo.cut =
57   push_pbox_toexpand("kanji.grtwo.cut");
58   build_kanji.level(build_kanji.lr(450,80)
59     (kanji.leftrad.seven)
60     (kanji.grtwo.sword));
61   expand_pbox;
62 enddef;
63
64

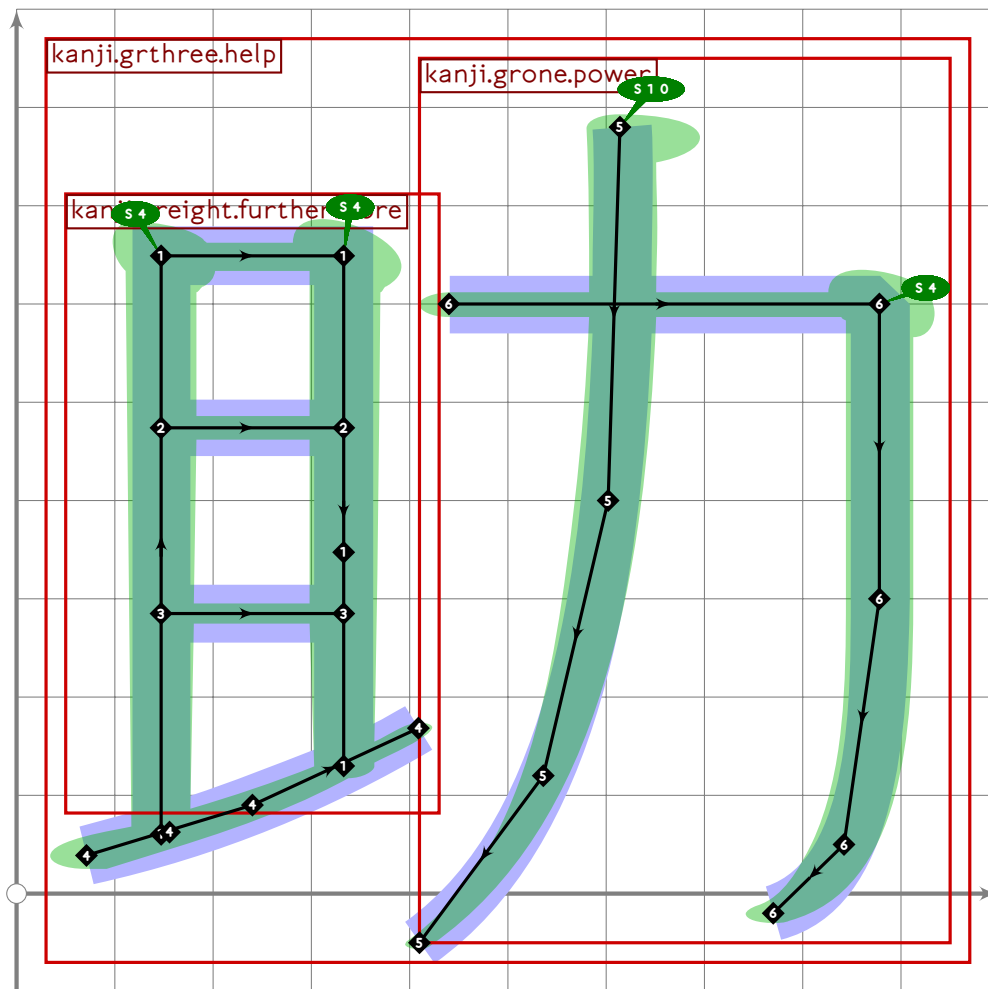
```



```

65
66 vardef kanji.grthree.exertion =
67   push_pbox_toexpand("kanji.grthree.exertion");
68   build_kanji.extend_ltail_enclose(520,30)
69   (kanji.greight.dismiss)
70   (kanji.grone.power);
71   expand_pbox;
72 enddef;

```

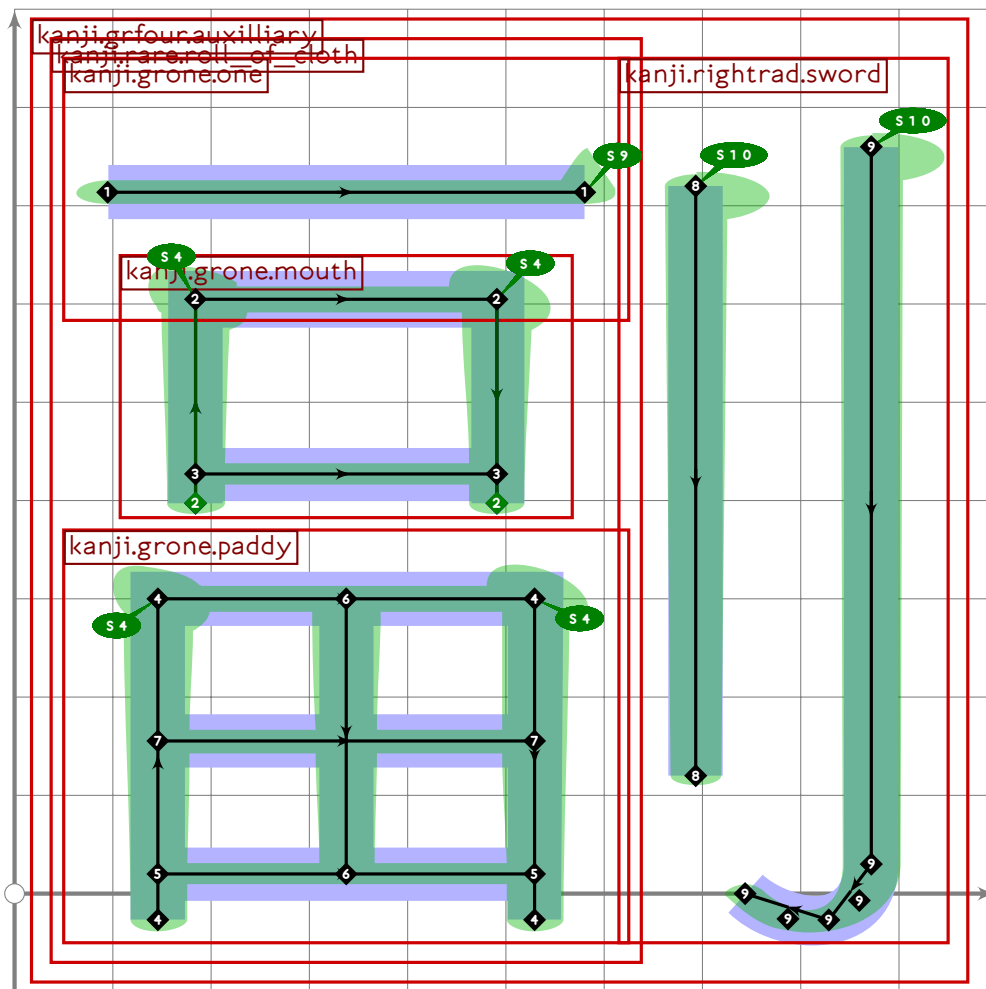


```

73
74 vardef kanji.grthree.help =
75   push_pbox_toexpand("kanji.grthree.help");
76   build_kanji.level(build_kanji.lr(420,20)
77     (build_kanji.lift_skirt(230,170)
78       (build_kanji.sscale(yscaled 0.7)
79         (kanji.grthree.furthermore);
80         replace_stroke(0)(oldp shifted (0,-80));
81         replace_stroke(-3)((point 0 of oldp shifted (0,-80))-
82           (subpath (1,length oldp-1) of oldp)-
83           (point infinity of oldp shifted (0,-80))))))
84   (kanji.grone.power));
85   expand_pbox;
86 enddef;
87
88

```

U+526F  
tsuku.uni526F

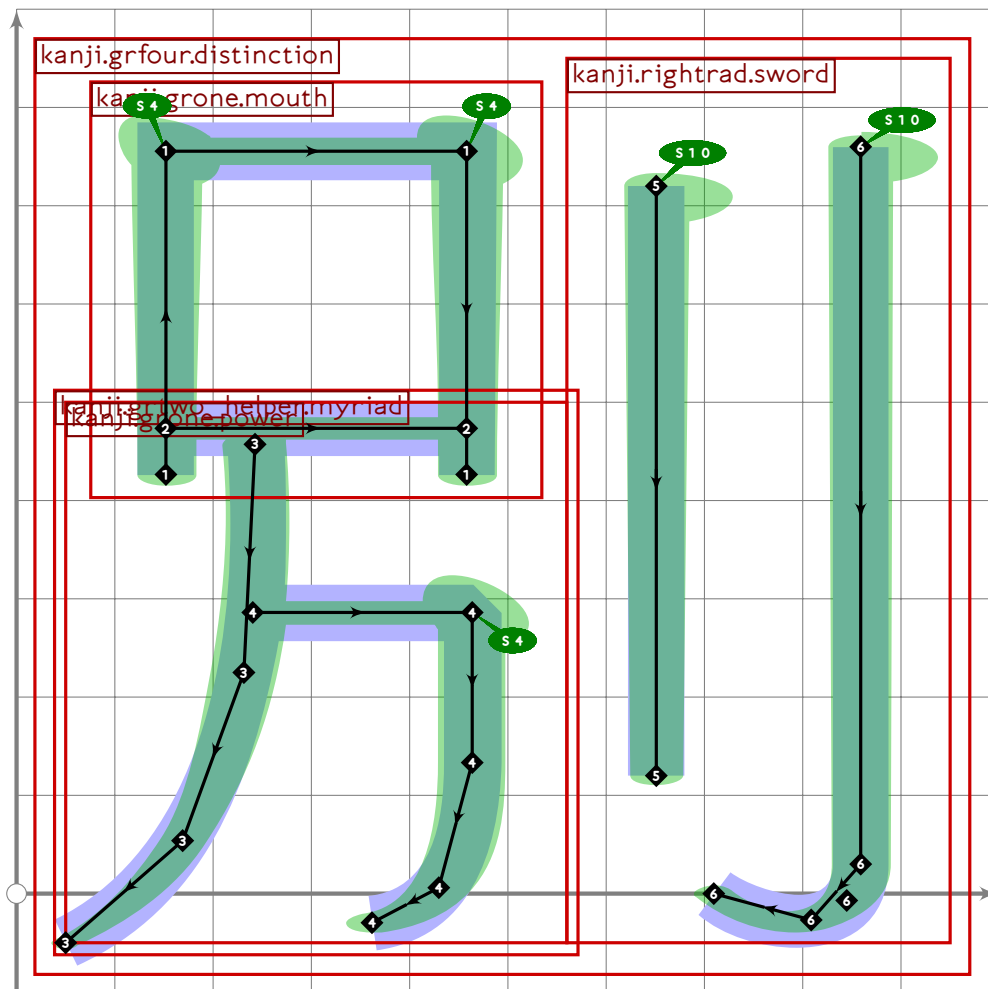


52

```

89
90 vardef kanji.grfour.auxilliary =
91   push_pbox_toexpand("kanji.grfour.auxilliary");
92   build_kanji.level(build_kanji.lr(620,10)
93     (kanji.rare.roll_of_cloth)
94     (kanji.rightrad.sword));
95   expand_pbox;
96 enddef;

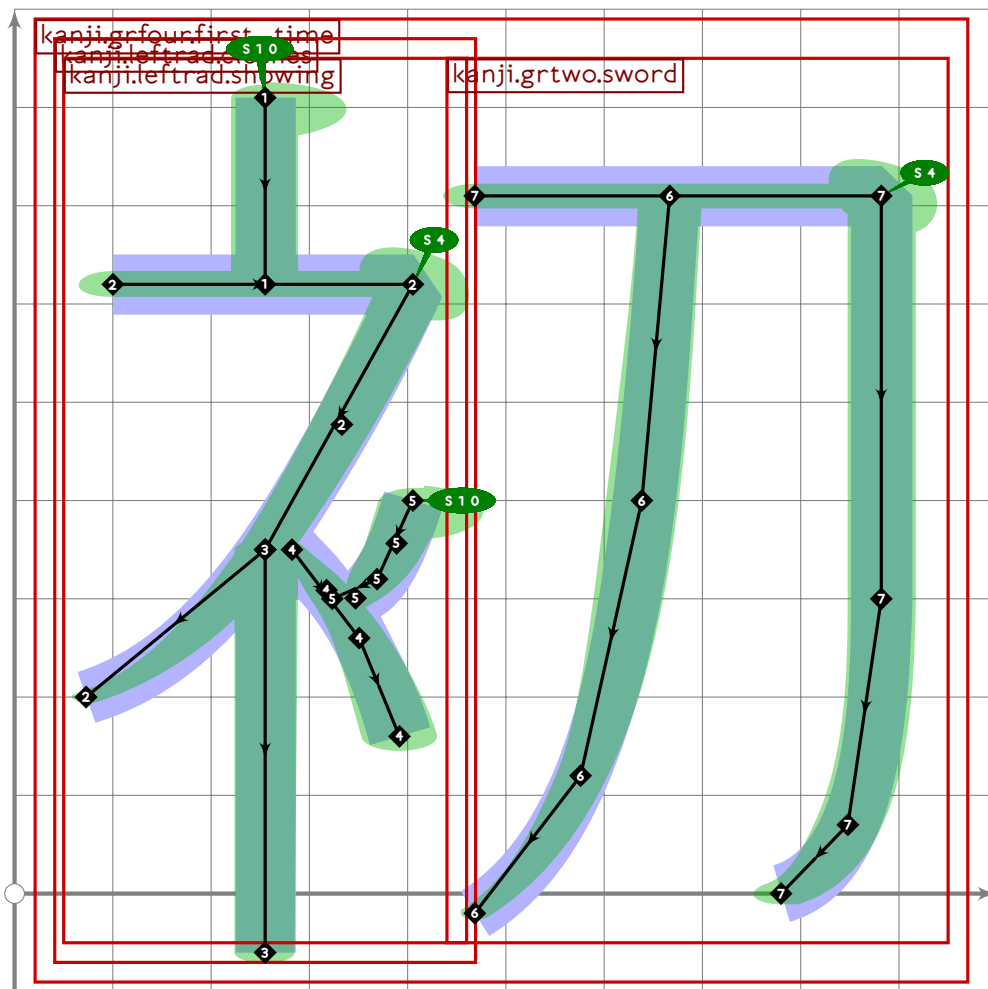
```



```

97
98 vardef kanji.grfour.distinction =
99   push_pbox__toexpand("kanji.grfour.distinction");
100   build_kanji.level(build_kanji.lr(560,0)
101     (build_kanji.tb(440,120)
102       (build_kanji.sscale(scaled 0.9)(kanji.grone.mouth))
103       (kanji.grtwo_helper.myriad;
104         set_bosetif(-1,0,whatever)))
105     (kanji.rightrad.sword));
106   expand_pbox;
107 enddef;

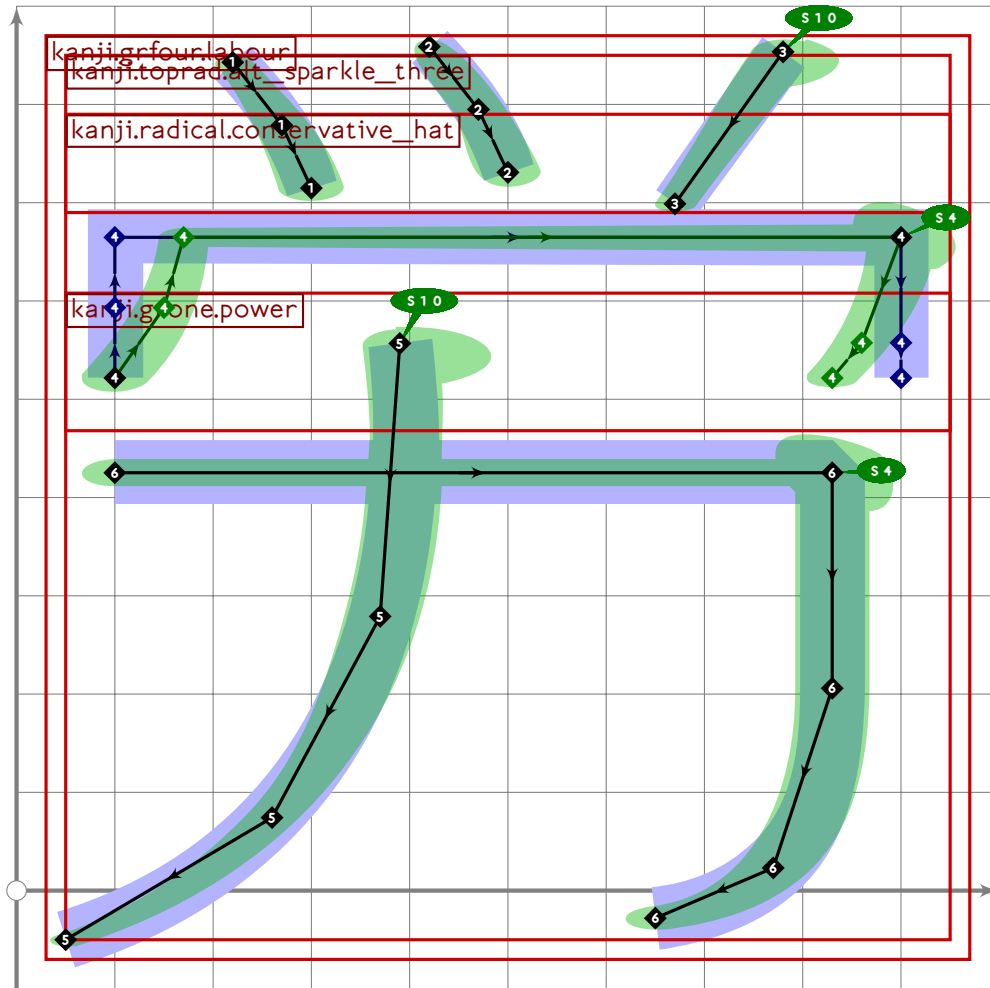
```



```

108
109 vardef kanji.grfour.first_time =
110   push_pbox_toexpand("kanji.grfour.first_time");
111   build_kanji.level(build_kanji.lr(450,20)
112     (kanji.leftrad.clothes)
113     (kanji.grtwo.sword));
114   expand_pbox;
115 enddef;

```

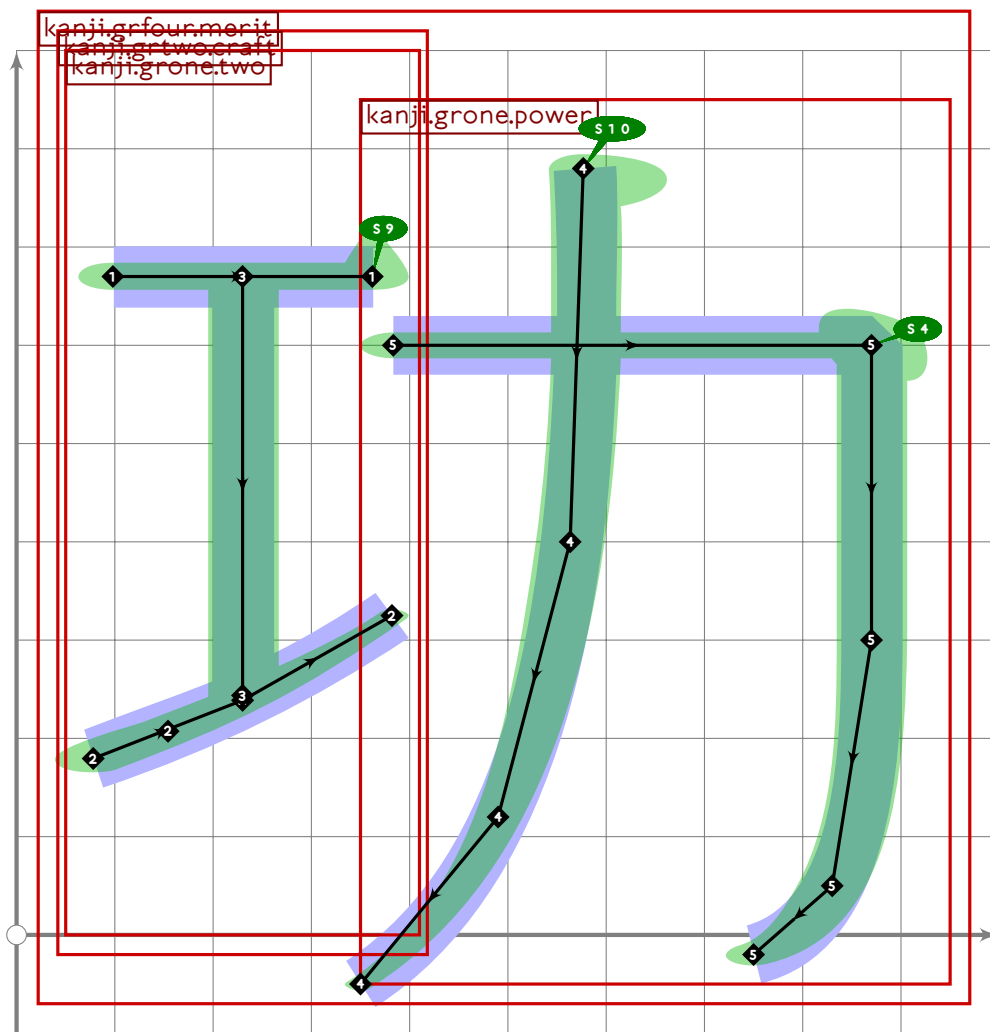


```

116
117 vardef kanji.grfour.labour =
118   push_pbox_toexpand("kanji.grfour.labour");
119   build_kanji.tb(740,100)
120     (kanji.toprad.alt_sparkle_three)
121     (build_kanji.tb(580,150)
122       (kanji.radical.conservative_hat)
123       (kanji.grone.power));
124   expand_pbox;
125 enddef;

```

U+529F  
tsuku.uni529F

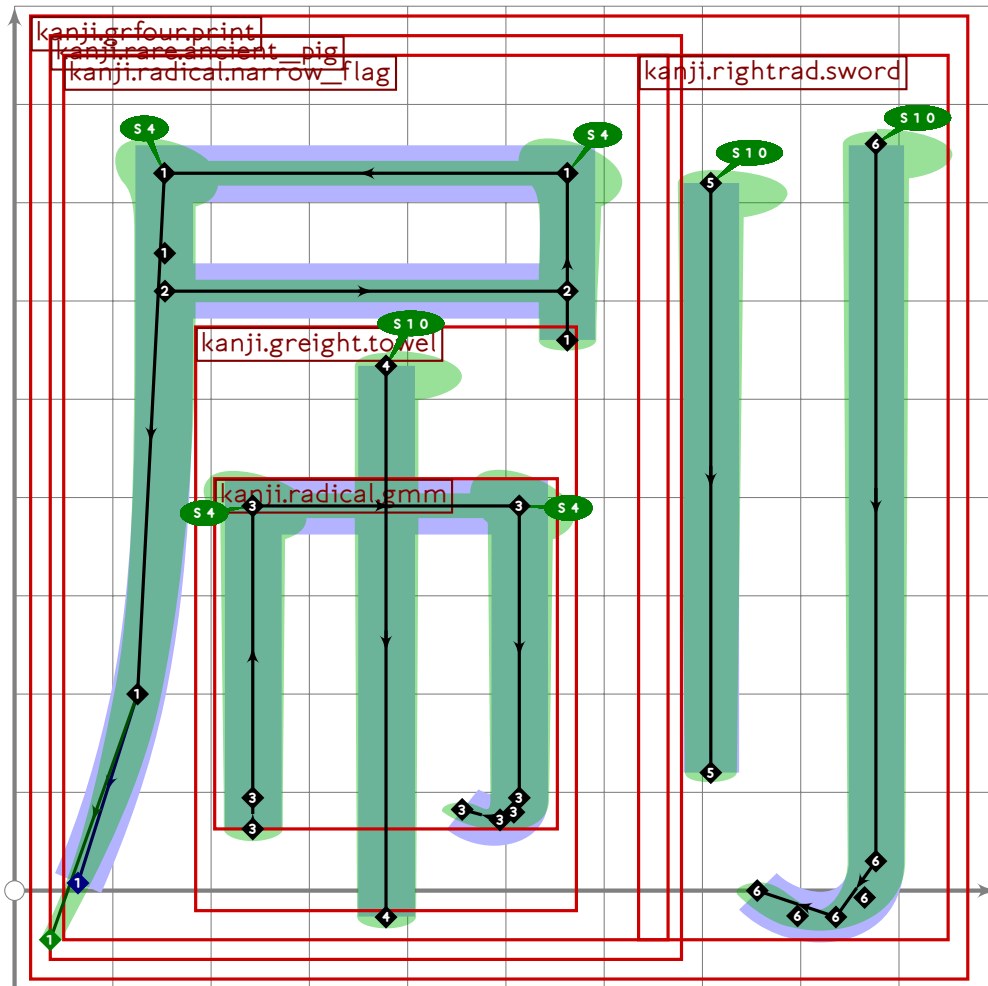


```

126
127 vardef kanji.grfour.merit =
128   push_pbox_toexpand("kanji.grfour.merit");
129   build_kanji.level(build_kanji.lr(380,60)
130     (tsu_xform(identity shifted (0,50))(build_kanji.lift_skirt(400,250)
131       (kanji.grtwo.craft)))
132     (kanji.grone.power));
133   expand_pbox;
134 enddef;

```

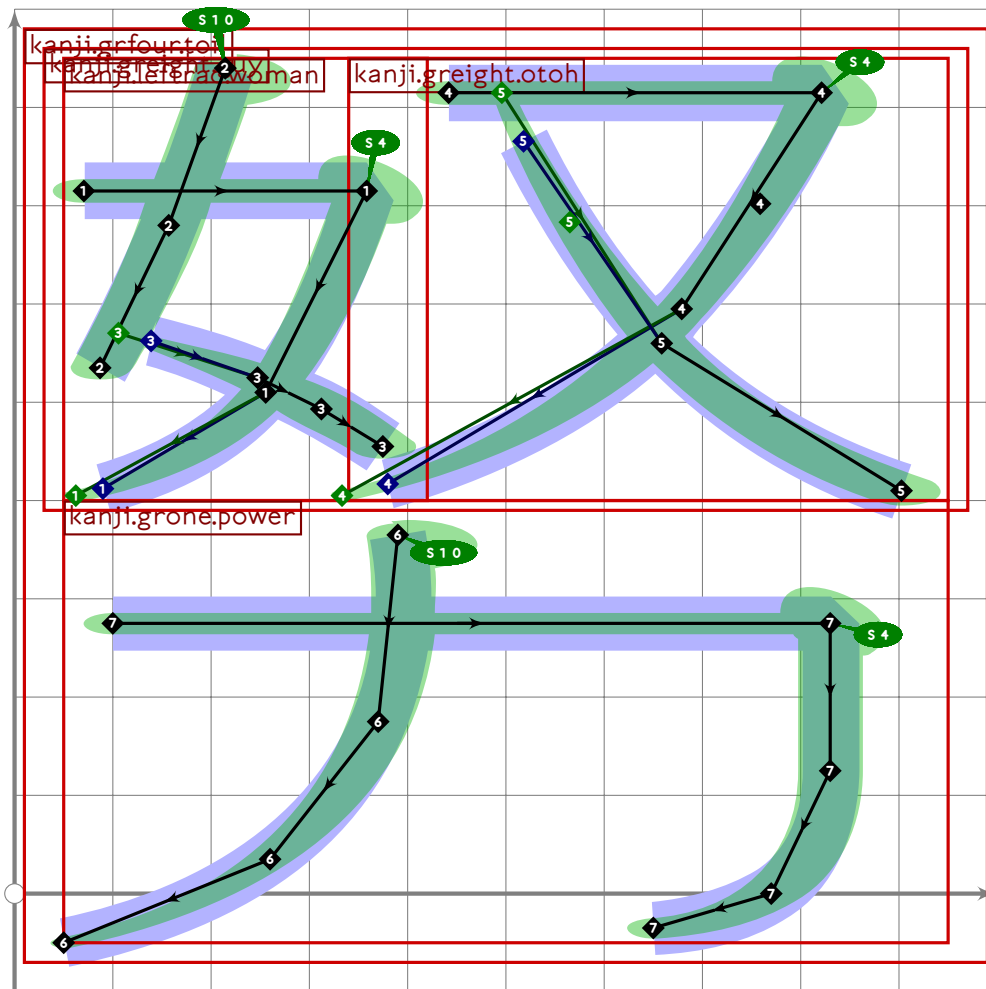




```

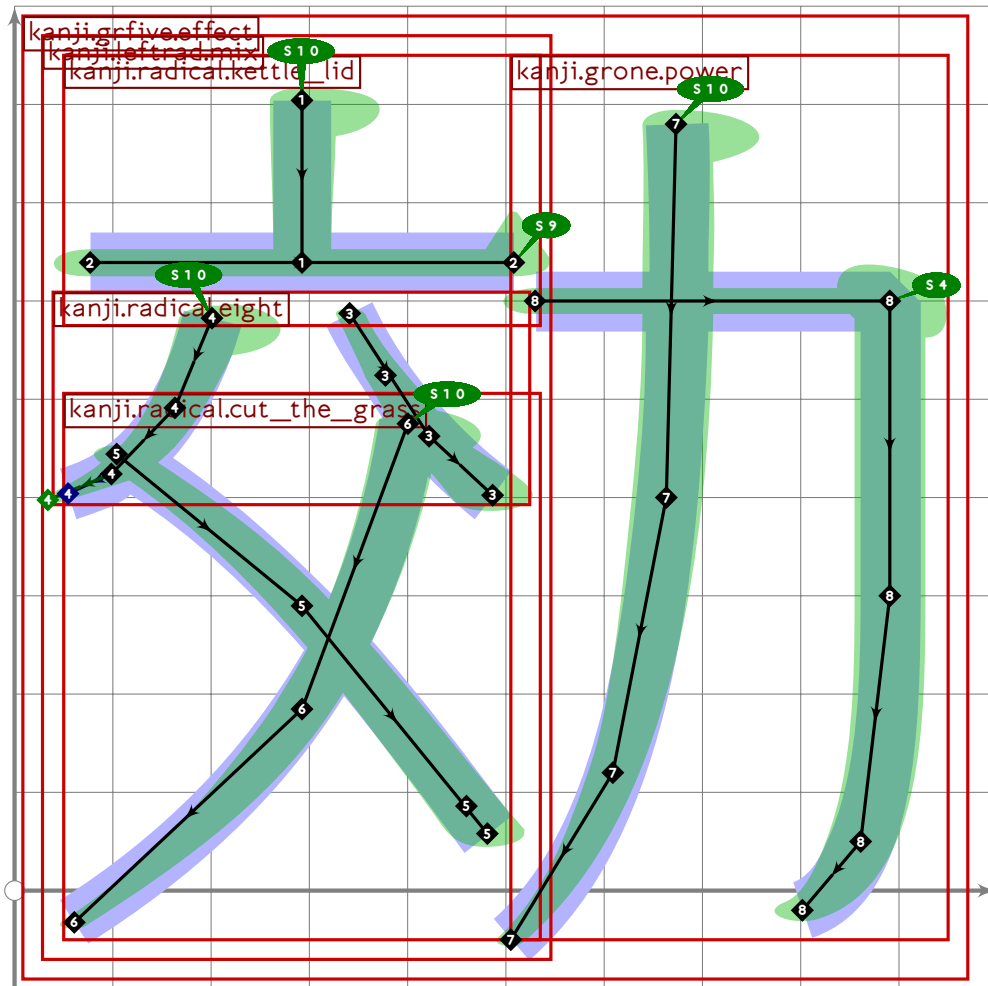
135
136 vardef kanji.grfour.print =
137   push_pbox_toexpand("kanji.grfour.print");
138   build_kanji.level(build_kanji.lr(650,30)
139     (kanji.rare.ancient_pig)
140     (kanji.rightrad.sword));
141   expand_pbox;
142 enddef;

```



```

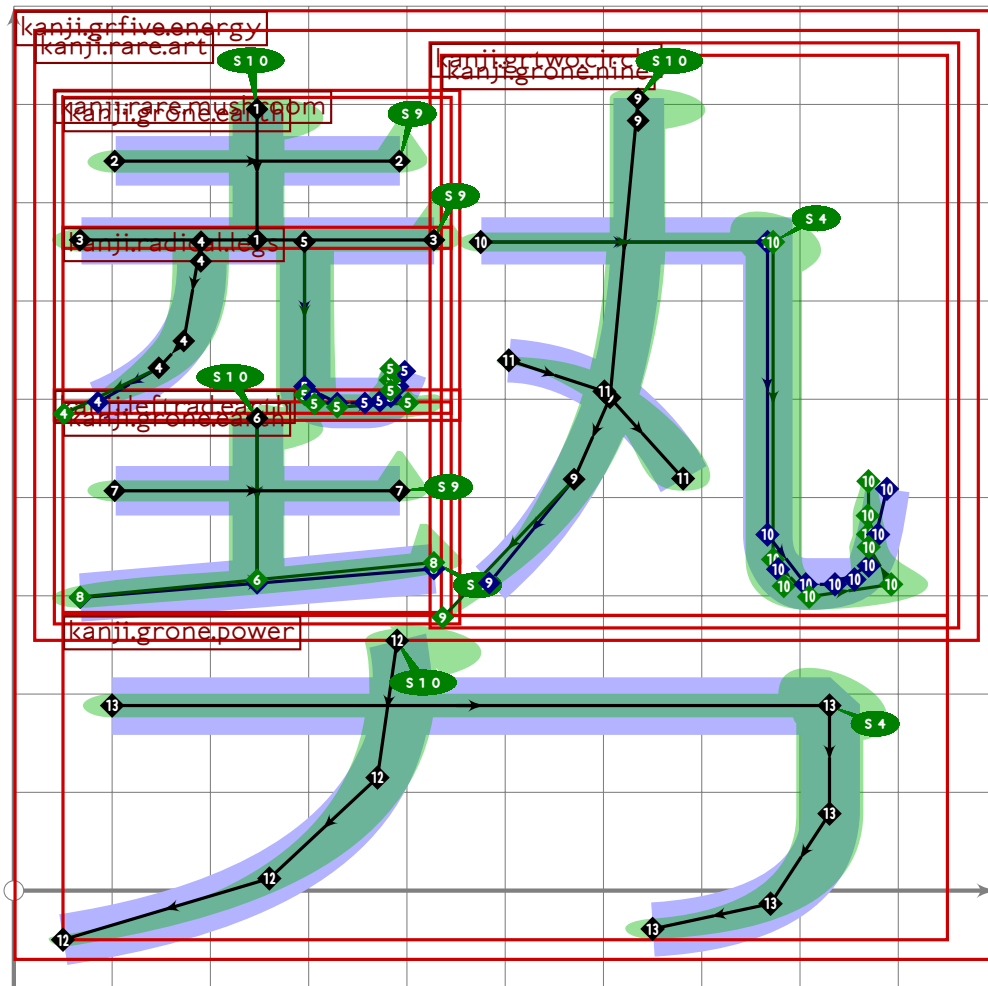
143
144 vardef kanji.grfour.toil =
145   push_pbox_toexpand("kanji.grfour.toil");
146   build_kanji.level(build_kanji.tb(400,0)
147     (kanji.greight.guy)
148     (kanji.grone.power));
149   expand_pbox;
150 enddef;
151
152
```



```

153
154 vardef kanji.grfive.effect =
155   push_pbox_toexpand("kanji.grfive.effect");
156   build_kanji.lr(520,30)
157     (kanji.leftrad.mix)
158     (kanji.grone.power);
159   expand_pbox;
160 enddef;

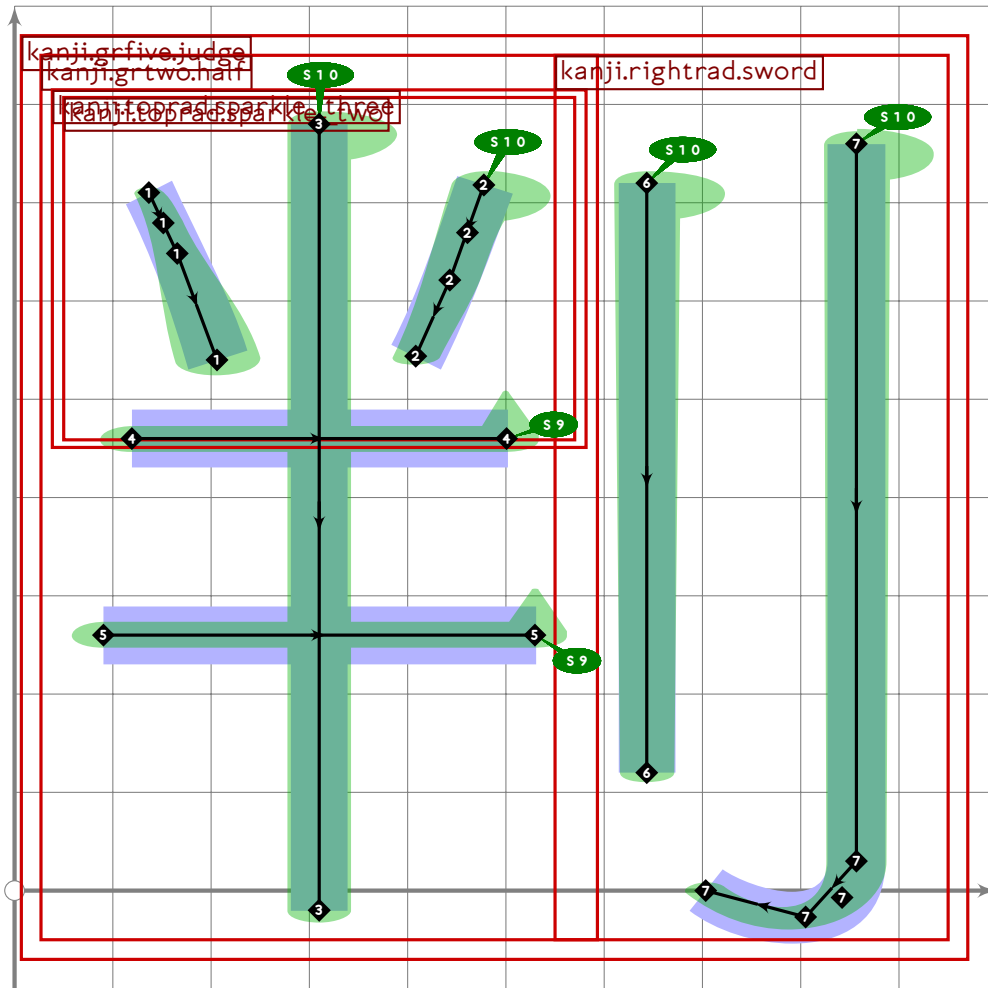
```



```

161
162 vardef kanji.grfive.energy =
163   push_pbox_toexpand("kanji.grfive.energy");
164   build_kanji.tb(280,0)
165     (kanji.rare.art)
166     (kanji.grone.power);
167   expand_pbox;
168 enddef;

```

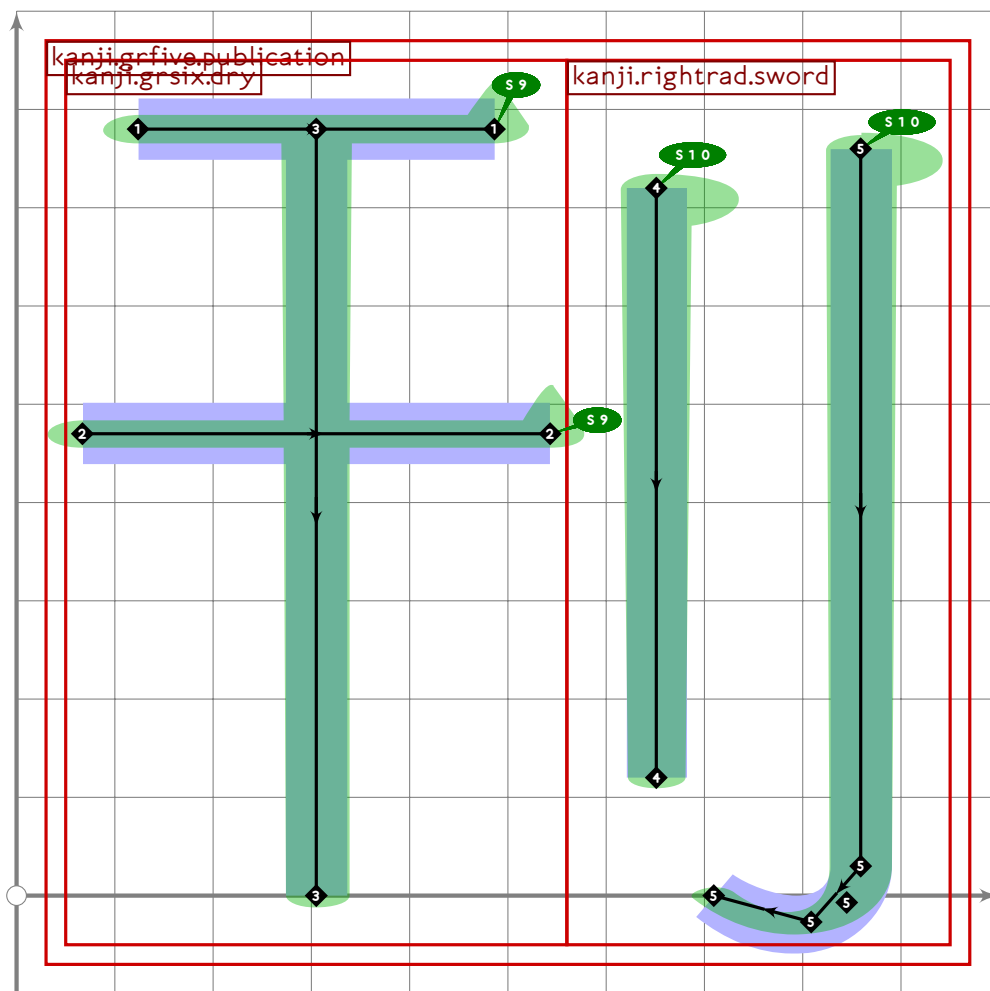


```

169
170 vardef kanji.grfive.judge =
171   push_pbox_toexpand("kanji.grfive.judge");
172   build_kanji.level(build_kanji.lr(560,20)
173     (kanji.grtwo.half)
174     (kanji.rightrad.sword));
175   expand_pbox;
176 enddef;

```

U+520A  
tsuku.uni520A

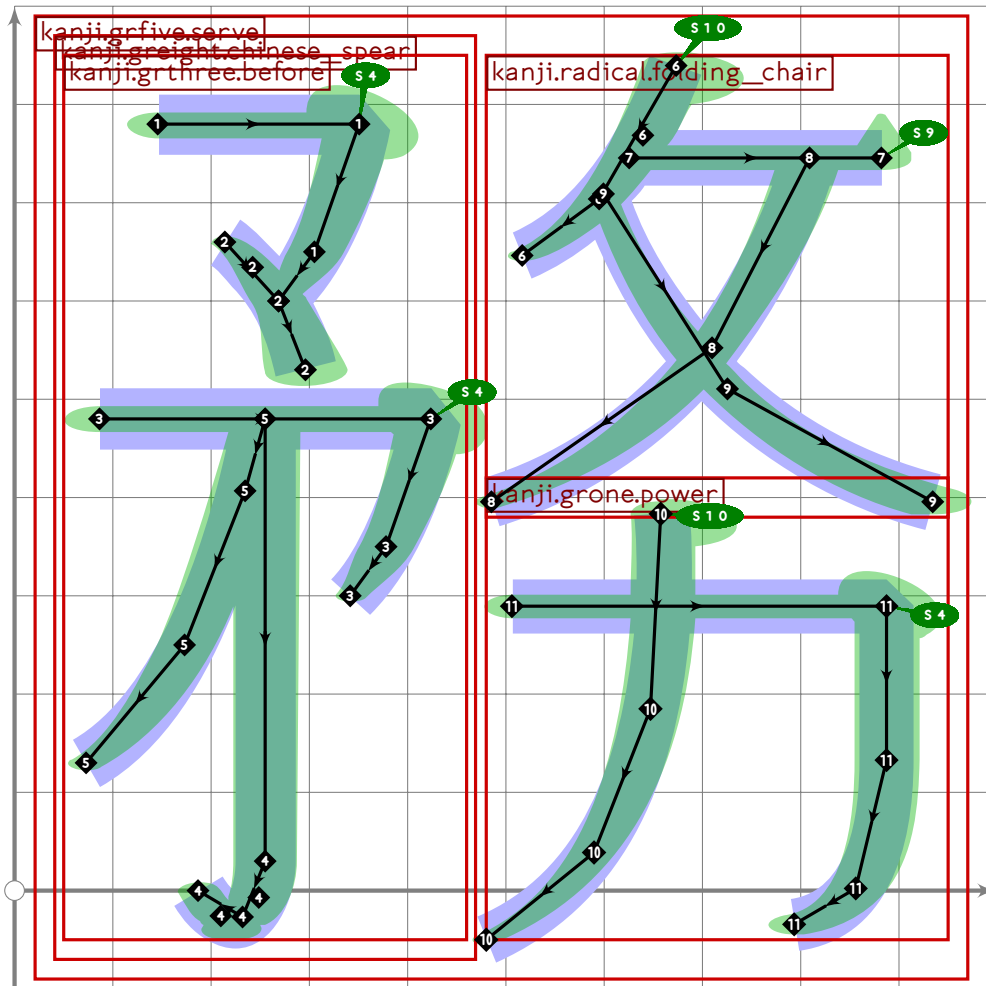


52

```

177
178 vardef kanji.grfive.publication =
179   push_pbox_toexpand("kanji.grfive.publication");
180   build_kanji.level(build_kanji.lr(560,0)
181     (kanji.grsix.dry)
182     (kanji.rightrad.sword));
183   expand_pbox;
184 enddef;

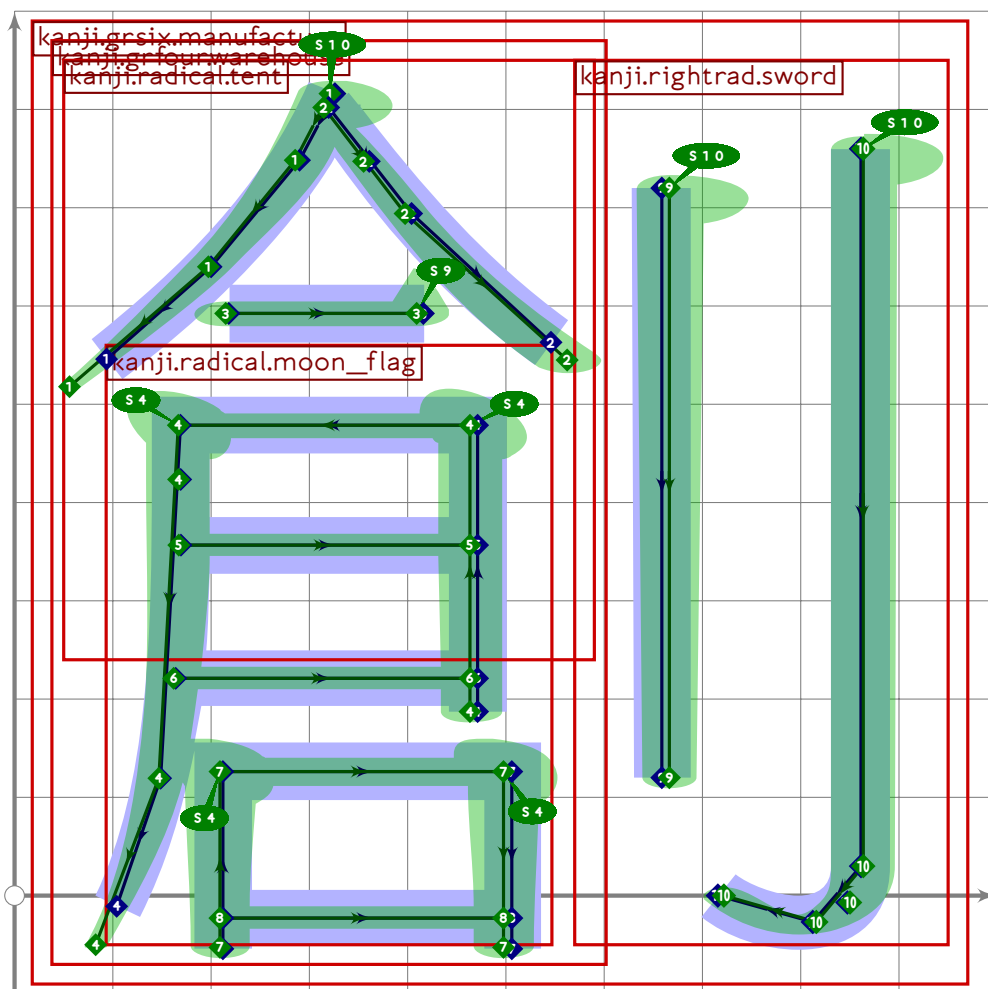
```



```

185
186 vardef kanji.grfive.serve =
187   push_pbox__toexpand("kanji.grfive.serve");
188   build_kanji.lr(470,20)
189     (kanji.greight.chinese_spear)
190     (build_kanji.tb(400,40)
191       (kanji.radical.folding_chair)
192       (kanji.grone.power));
193   expand_pbox;
194 enddef;
195
196

```

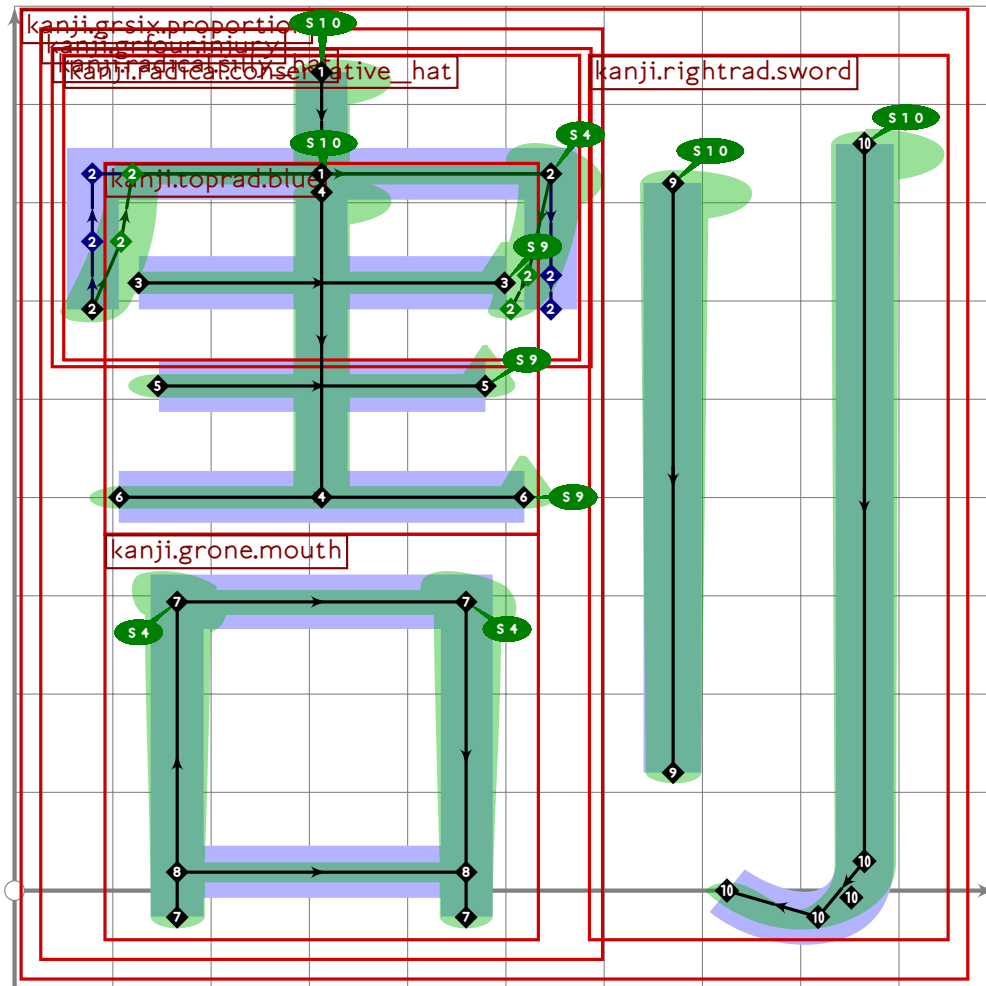


```

197
198 vardef kanji.grsix.manufacture =
199   push_pbox__toexpand("kanji.grsix.manufacture");
200   build_kanji.lr(580,20-20*mincho)
201     (kanji.grfour.warehouse)
202     (kanji.rightrad.sword);
203   expand_pbox;
204 enddef;

```

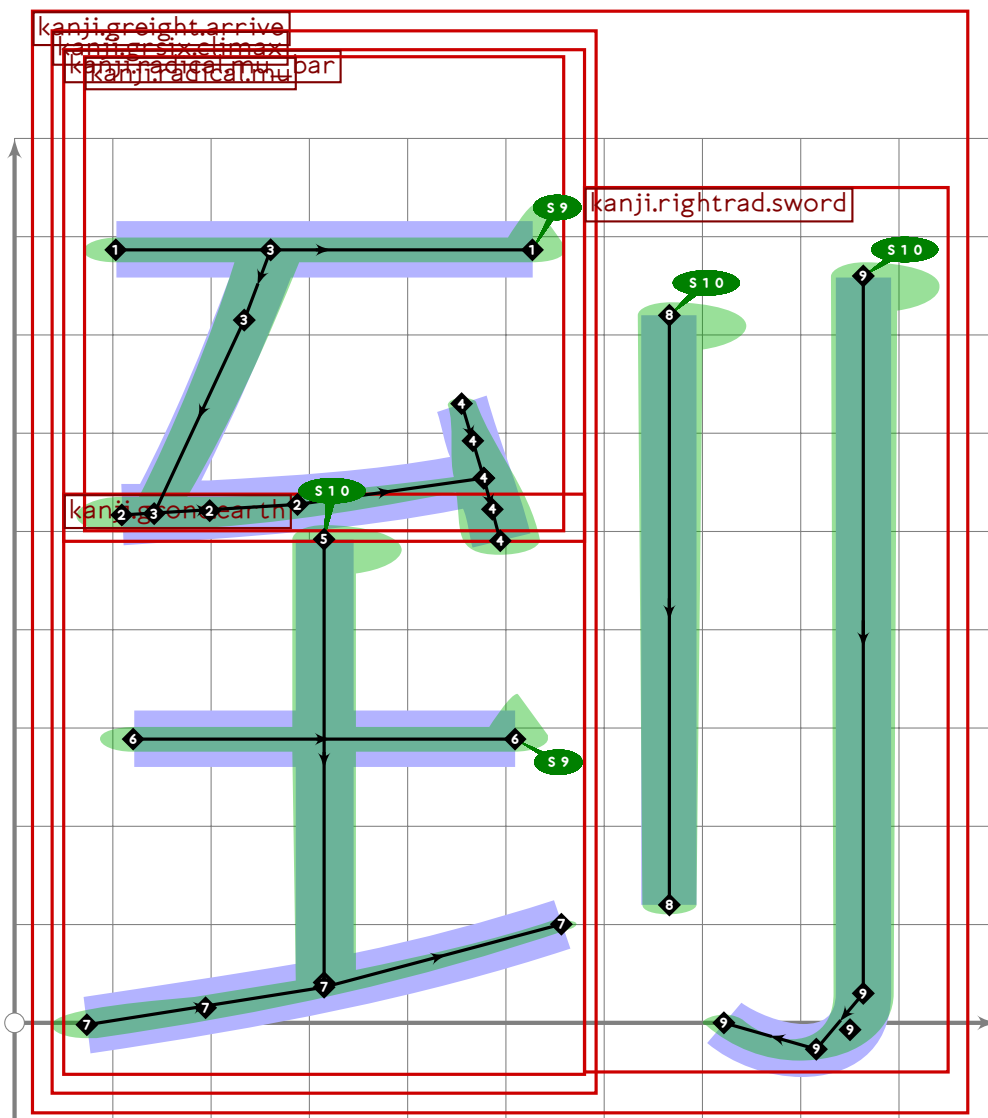




```

205
206 vardef kanji.grsix.proportion =
207   push_pbox_toexpand("kanji.grsix.proportion");
208   build_kanji.lr(580,10)
209     (kanji.grfour.injury)
210     (kanji.rightrad.sword);
211   expand_pbox;
212 enddef;
213
214

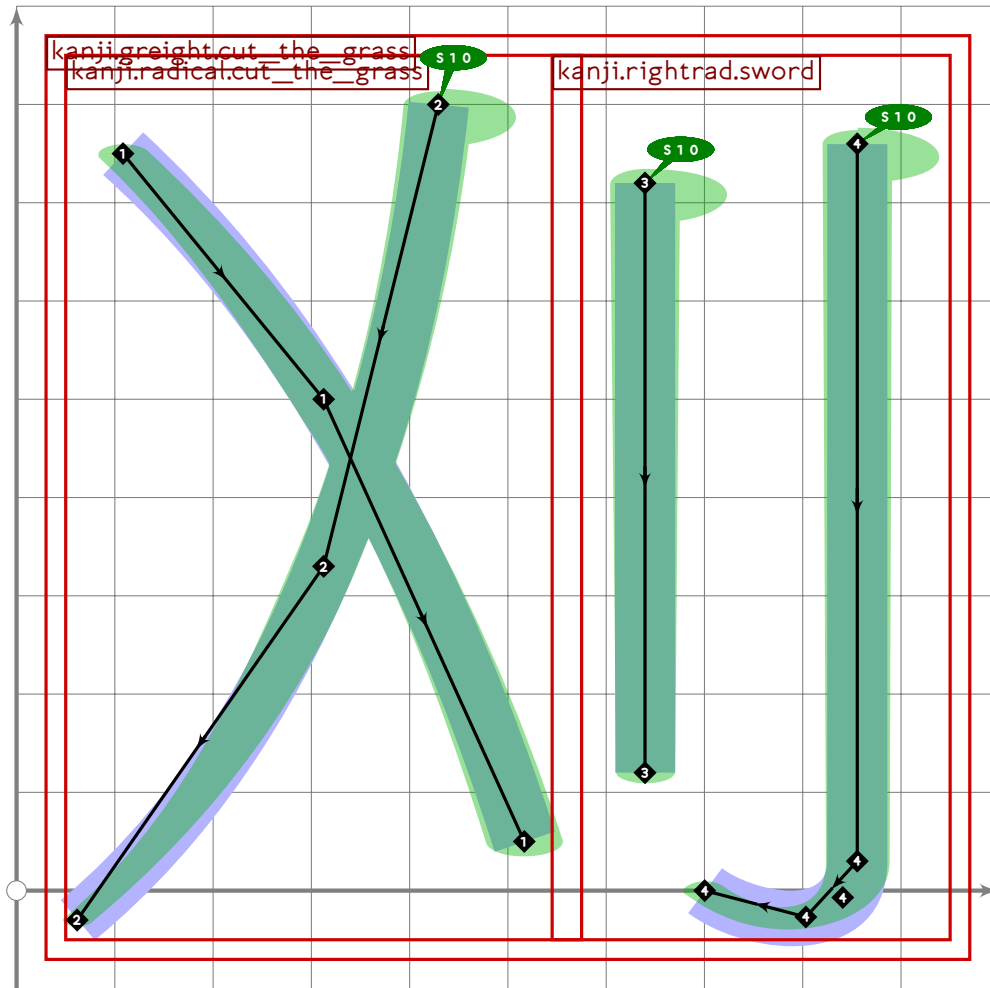
```



```

215
216 vardef kanji.greight.arrive =
217   push_pbox_toexpand("kanji.greight.arrive");
218   build_kanji.level(build_kanji.lr(580,0)
219     (build_kanji.sscale(yscaled 0.96 shifted (0,-20))
220       (build_kanji.lift_skirt(300,120)
221         (kanji.grsix.climax))))
222   (kanji.rightrad.sword));
223   expand_pbox;
224 enddef;

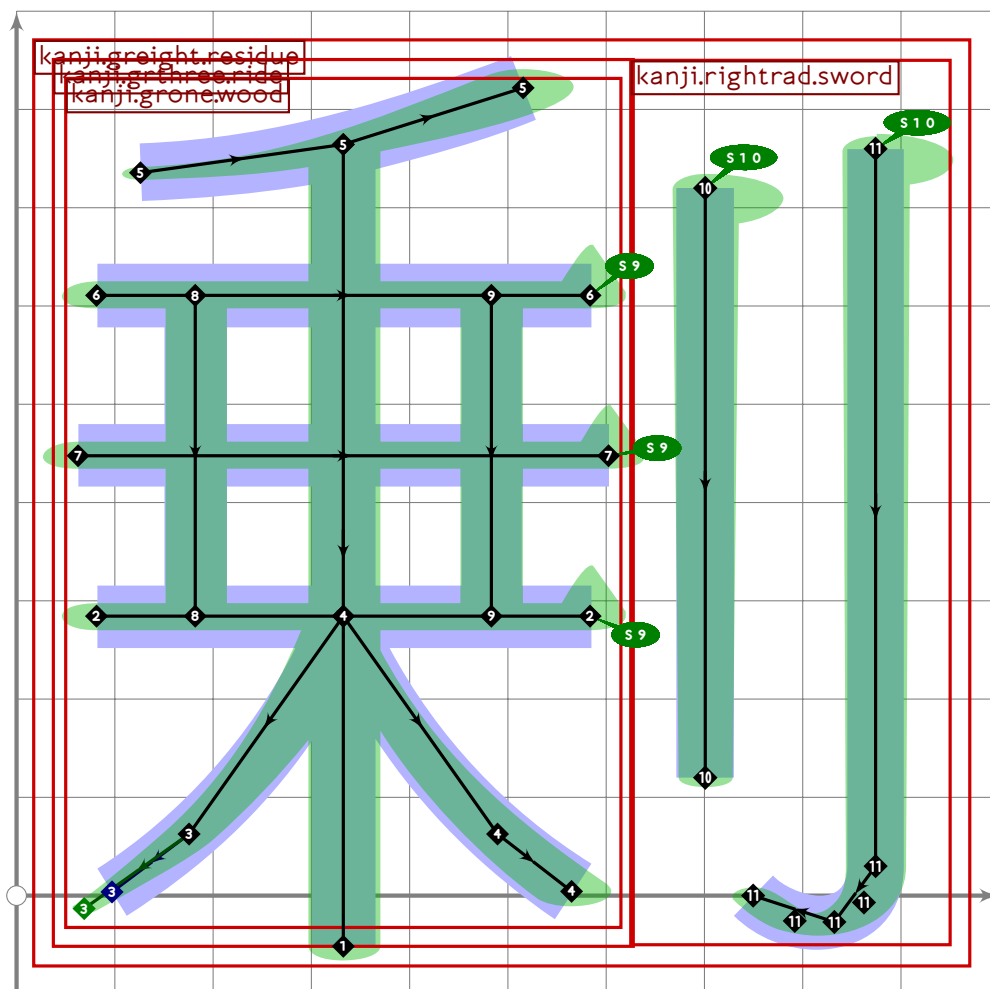
```



```

225
226 vardef kanji.greight.cut_the_grass =
227   push_pbox_toexpand("kanji.greight.cut_the_grass");
228   build_kanji.level(build_kanji.lr(560,30)
229     (kanji.radical.cut_the_grass)
230     (kanji.rightrad.sword));
231   expand_pbox;
232 enddef;

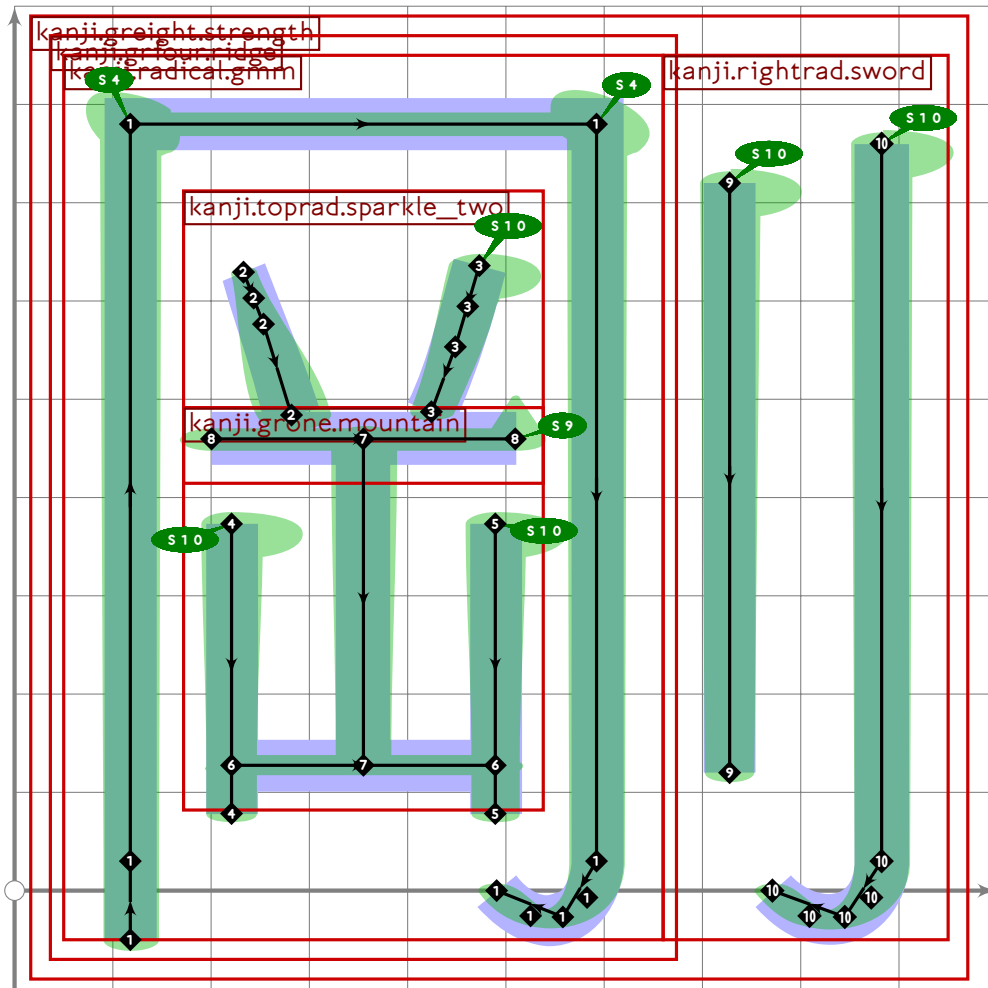
```



```

233
234 vardef kanji.greight.residue =
235   push_pbox_toexpand("kanji.greight.residue");
236   build_kanji.lr(620,-10)
237     (build_kanji.sscale(yscaled 0.96)(kanji.grthree.ride))
238     (kanji.rightrad.sword);
239   expand_pbox;
240 enddef;

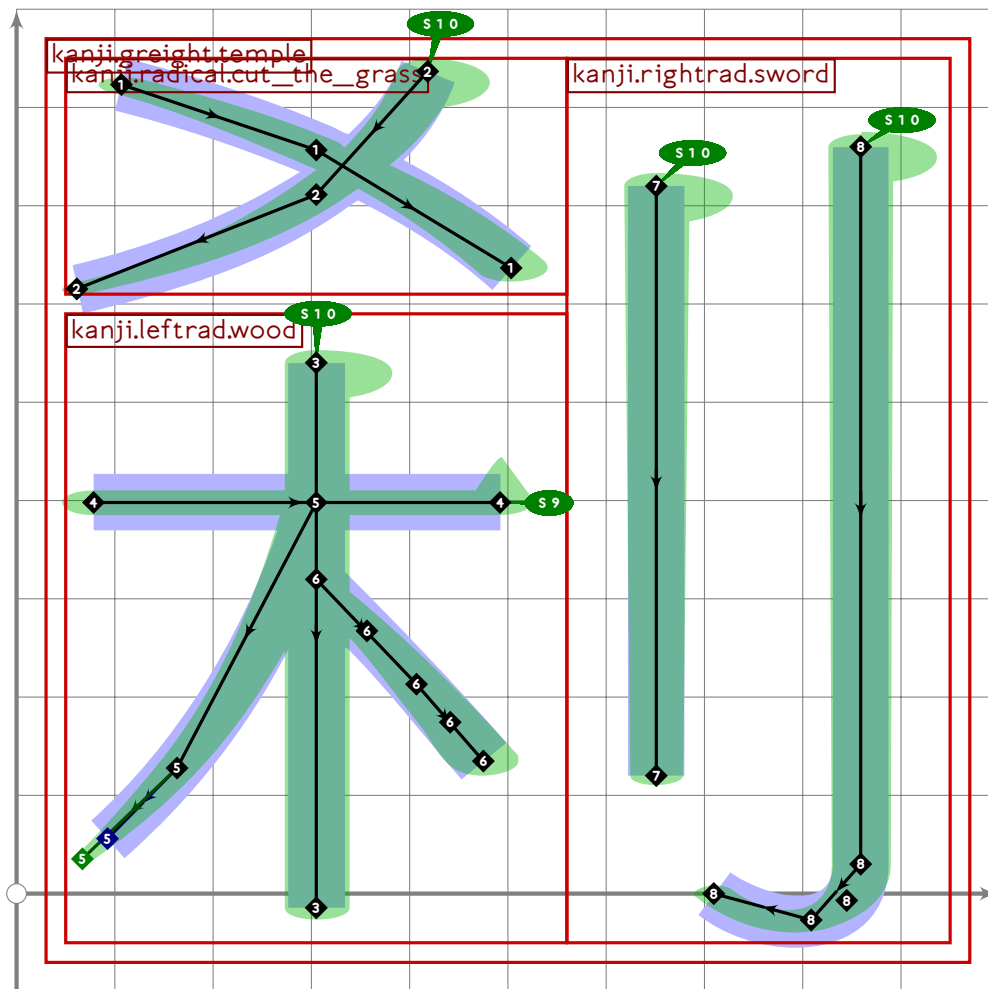
```



```

241
242 vardef kanji.greight.strength =
243   push_pbox_toexpand("kanji.greight.strength");
244   build_kanji.level(build_kanji.lr(660,0)
245     (kanji.grfour.ridge)
246     (kanji.rightrad.sword));
247   expand_pbox;
248 enddef;

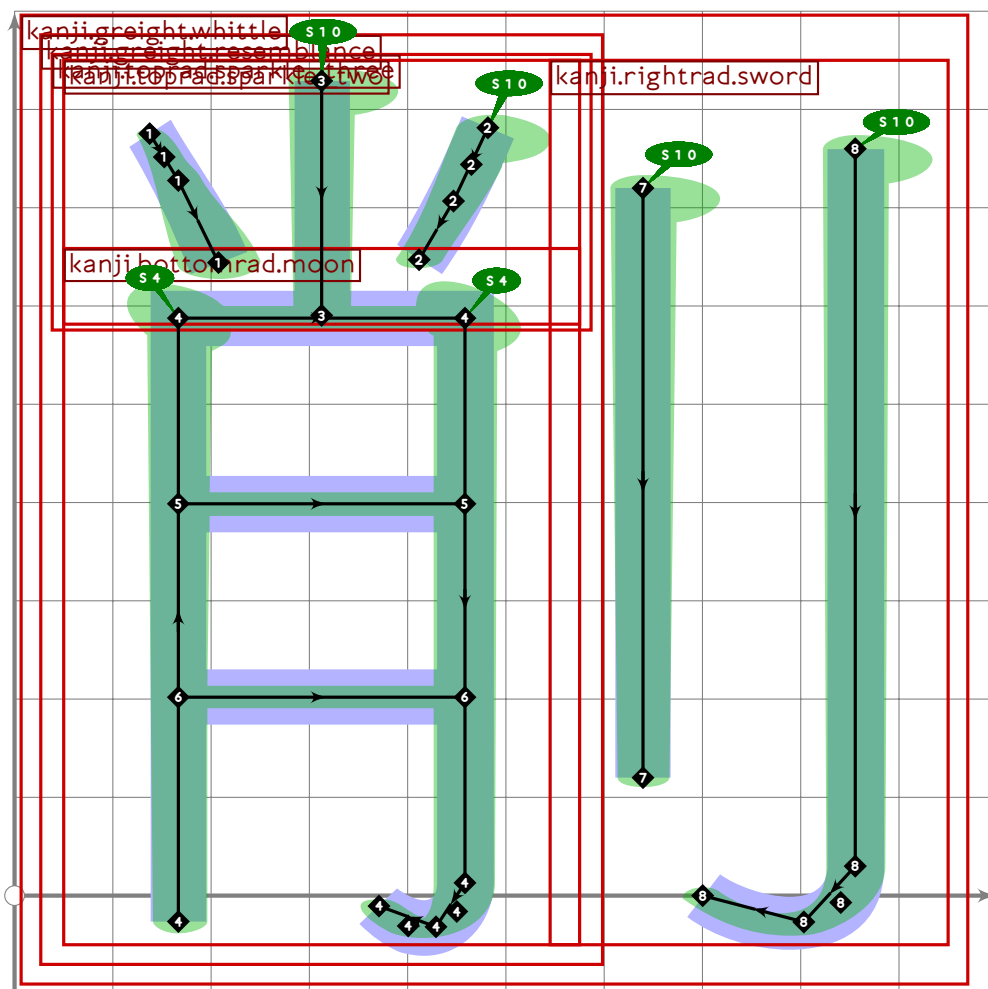
```



```

249
250 vardef kanji.greight.temple =
251   push_pbox_toexpand("kanji.greight.temple");
252   build_kanji.level(build_kanji.lr(560,0)
253     (build_kanji.tb(600,20)
254       (kanji.radical.cut_the_grass)
255       (kanji.leftrad.wood))
256     (kanji.rightrad.sword));
257   expand_pbox;
258 enddef;

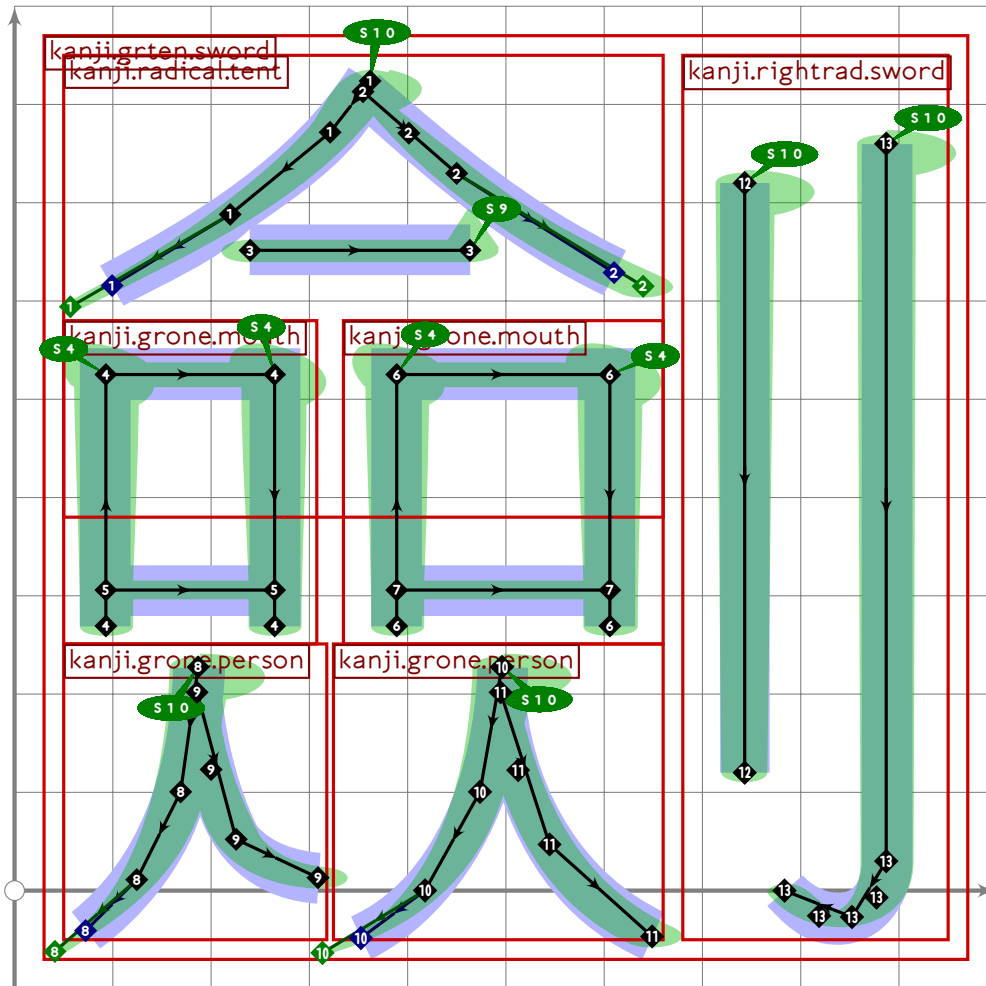
```



```

259
260 vardef kanji.greight.whittle =
261   push_pbox_toexpand("kanji.greight.whittle");
262   build_kanji.level(build_kanji.lr(560,30)
263     (kanji.greight.resemblance)
264     (kanji.rightrad.sword));
265   expand_pbox;
266 enddef;
267
268

```



```

269
270 vardef kanji.grten.sword =
271   push_pbox_toexpand("kanji.grten.sword");
272   build_kanji.level(build_kanji.lr(670,-20)
273     (build_kanji.tb(480,200)
274       (kanji.radical.tent)
275       (build_kanji.tb(380,0)
276         (build_kanji.lr(450,-40)
277           (kanji.grone.mouth)
278           (kanji.grone.mouth))
279         (build_kanji.lr(450,-10)
280           (build_kanji.lift_skirt(280,170)(kanji.grone.person))
281           (kanji.grone.person))))))
282   (kanji.rightrad.sword));
283   expand_pbox;
284 enddef;
285
286
287
288 vardef build_kanji.extend_ltail_enclose(expr splitpoint,overlap)
289   (text leftstuff)(text rightstuff) =

```



```

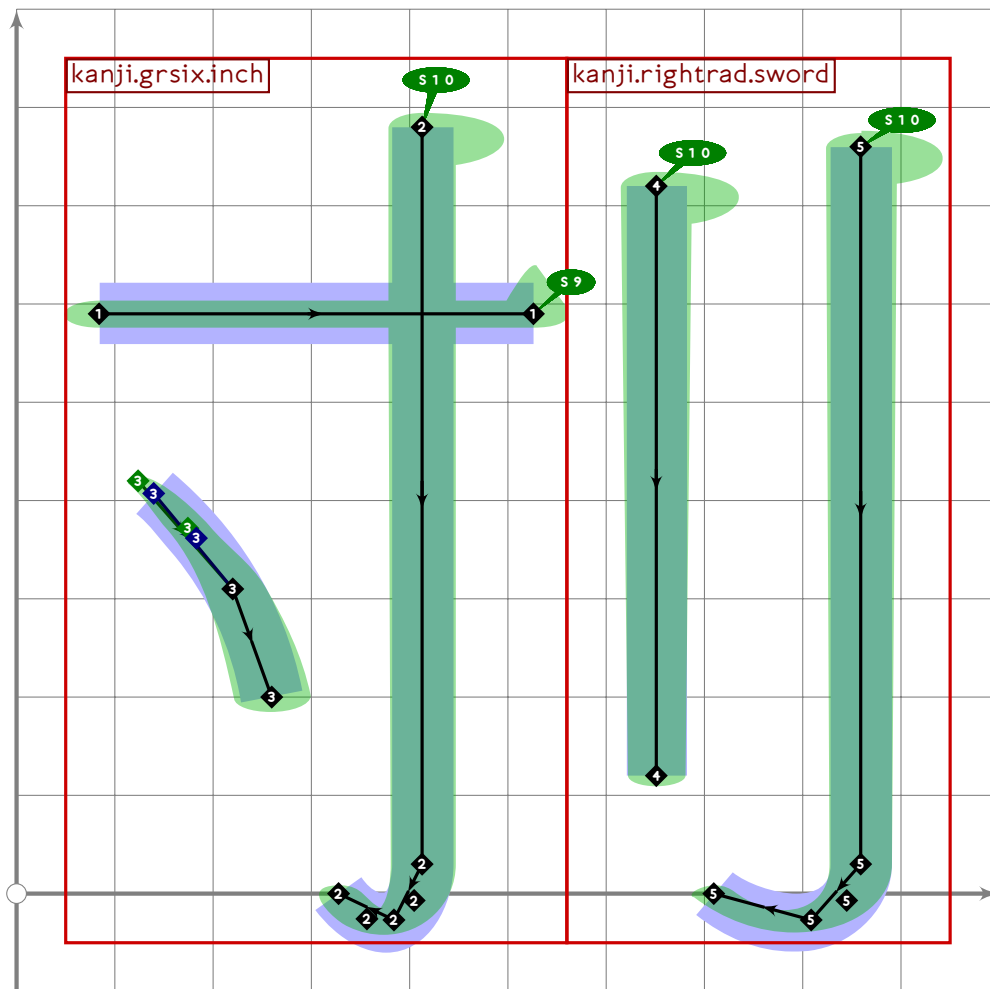
290 perl_structure:=perl_structure&"eids.u2FFA.1_4.2_3'[";
291 push_pbox_toexpand("build_kanji.extend_ltail_enclose");
292 perl_structure:=perl_structure&""]";
293 begingroup
294   save myxf,ele_curve,i,fsi;
295   transform myxf[];
296   numeric ele_curve,i,fsi;
297   (50,50) transformed myxf1=(50,90);
298   (50,850) transformed myxf1=(50,850);
299   (950,850) transformed myxf1=(870,850);
300   build_kanji.lr(splitpoint,overlap)
301     (perl_structure:=perl_structure&""]";
302     leftstuff;
303     ele_curve:=last_ltail)
304     (tsu_xform(myxf1)(rightstuff);
305     perl_structure:=perl_structure&"",["");
306   obstackp[ele_curve]:=
307     subpath (0,length obstackp[ele_curve]-6) of obstackp[ele_curve];
308   obstackq[ele_curve]:=
309     subpath (0,length obstackq[ele_curve]-6) of obstackq[ele_curve];
310   i:=0;
311   forever:
312     fsi:=find_stroke(i);
313     if fsi=last_ltail:
314       build_kanji.add_ltail(i);
315       fi;
316       exitif fsi=last_ltail;
317       i:=i+1;
318   endfor;
319   (ulcorner obstackp[ele_curve]) transformed myxf2=
320     ulcorner obstackp[ele_curve];
321   (llcorner obstackp[ele_curve]) transformed myxf2=
322     llcorner obstackp[ele_curve];
323   (xpart lrcorner obstackp[ele_curve],50) transformed myxf2=
324     (930,50);
325   obstackp[ele_curve]:=obstackp[ele_curve] transformed myxf2;
326 endgroup;
327 perl_structure:=perl_structure&"[";
328 expand_pbox;
329 enddef;
330
331
332
333 vardef kanji.leftrad.mix =
334   push_pbox_toexpand("kanji.leftrad.mix");
335   build_kanji.level(build_kanji.tb(610,70)
336     (kanji.radical.kettle_lid)
337     (build_kanji.tb(620,100)

```

```

338      (tsu_xform(identity shifted (-20,-150))(kanji.radical.eight))
339      (build_kanji.lift_skirt(250,110)(kanji.radical.cut_the_grass))));
340  expand_pbox;
341  enddef;
342
343  _____
344
345  % tou/katana "sword"
346  begintsuglyph("uni5200",0); [see page 582]
347  kanji.grtwo.sword;
348  tsu_render;
349  endtsuglyph;
350
351  % tou "sword radical"
352  begintsuglyph("uni5202",2); [see page 907]
353  kanji.rightrad.sword;
354  tsu_render;
355  endtsuglyph;
356
357  % bun/wa "minute" or "understand" (wakarimasu ka?)
358  begintsuglyph("uni5206",6); [see page 549]
359  kanji.grtwo.minute;
360  tsu_render;
361  endtsuglyph;
362
363  % setsu/ki "cut"
364  begintsuglyph("uni5207",7); [see page 2151]
365  kanji.grtwo.cut;
366  tsu_render;
367  endtsuglyph;
368
369  % gai/ka "mow"
370  begintsuglyph("uni5208",8); [see page 2169]
371  kanji.greight.cut_the_grass;
372  tsu_render;
373  endtsuglyph;
374
375  % kan "publication"
376  begintsuglyph("uni520A",10); [see page 2164]
377  kanji.grfive.publication;
378  tsu_render;
379  endtsuglyph;
380

```



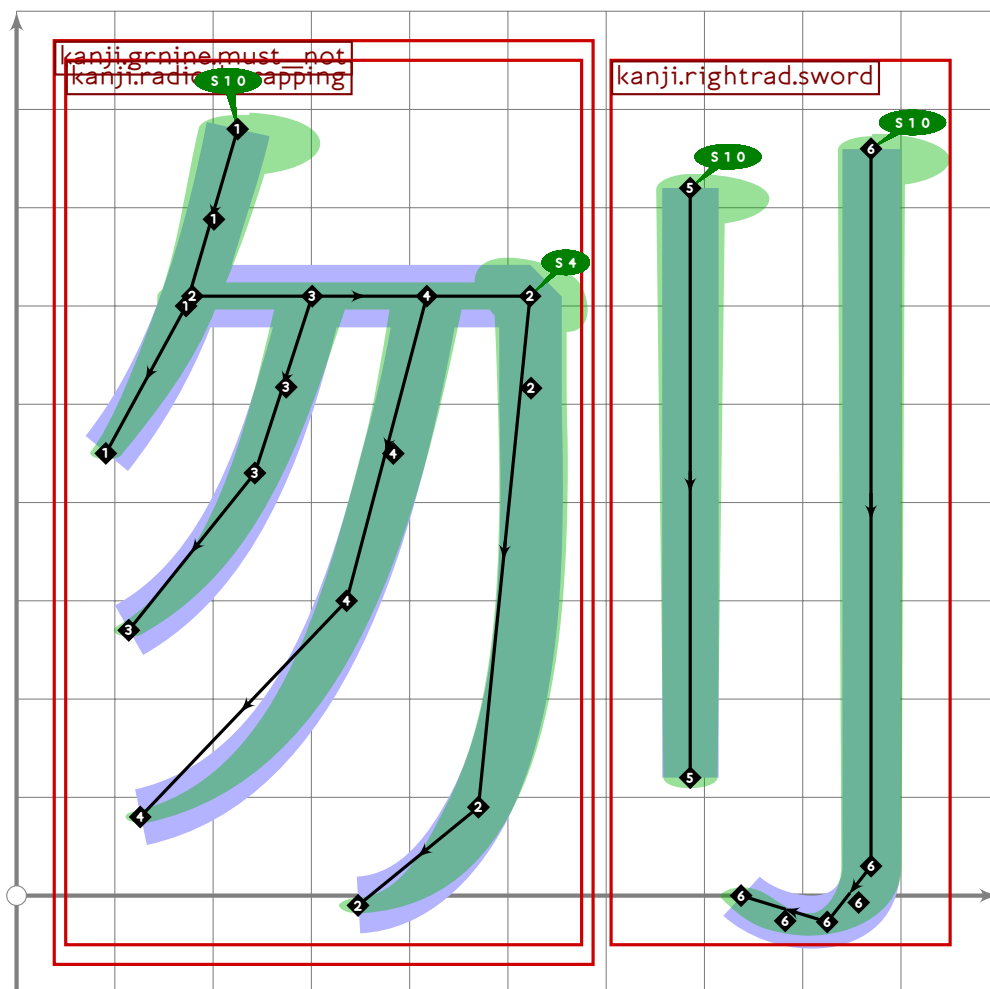
```

381 % extra
382 begintsuglyph("uni520C";12);
383   build_kanji.level(build_kanji.lr(560,0)
384     (kanji.grsix.inch)
385     (kanji.rightrad.sword));
386   tsu_render;
387 endtsuglyph;
388

```

U+520E  
tsuku.uni520E

52

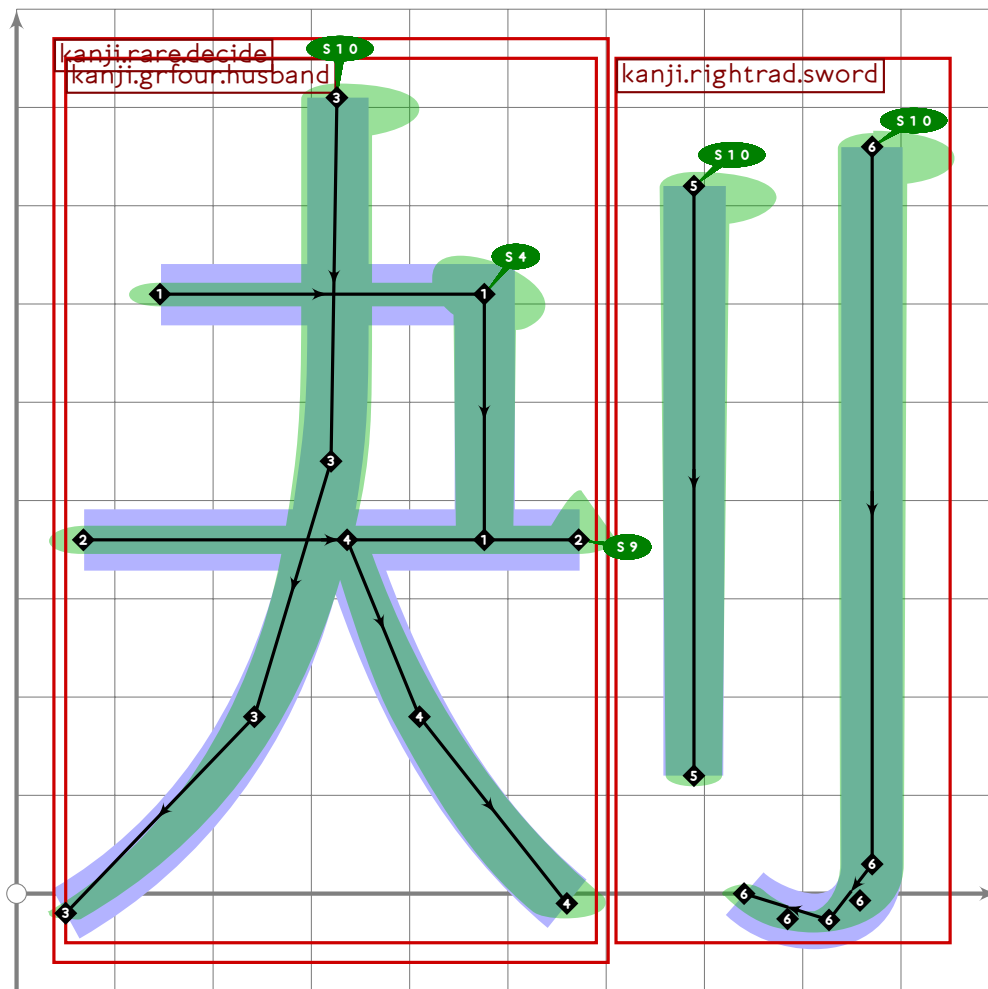


```

389 % extra: fun/haneru "decapitate"
390 begintsuglyph("uni520E";14);
391   build_kanji.lr(590;30)
392     (kanji.grnine.must_not)
393     (kanji.rightrad.sword);
394   tsu_render;
395 endtsuglyph;
396
397 % kei "punish"
398 begintsuglyph("uni5211";17);
399   kanji.greight.punish;
400   tsu_render;
401 endtsuglyph;
402

```

[see page 966]



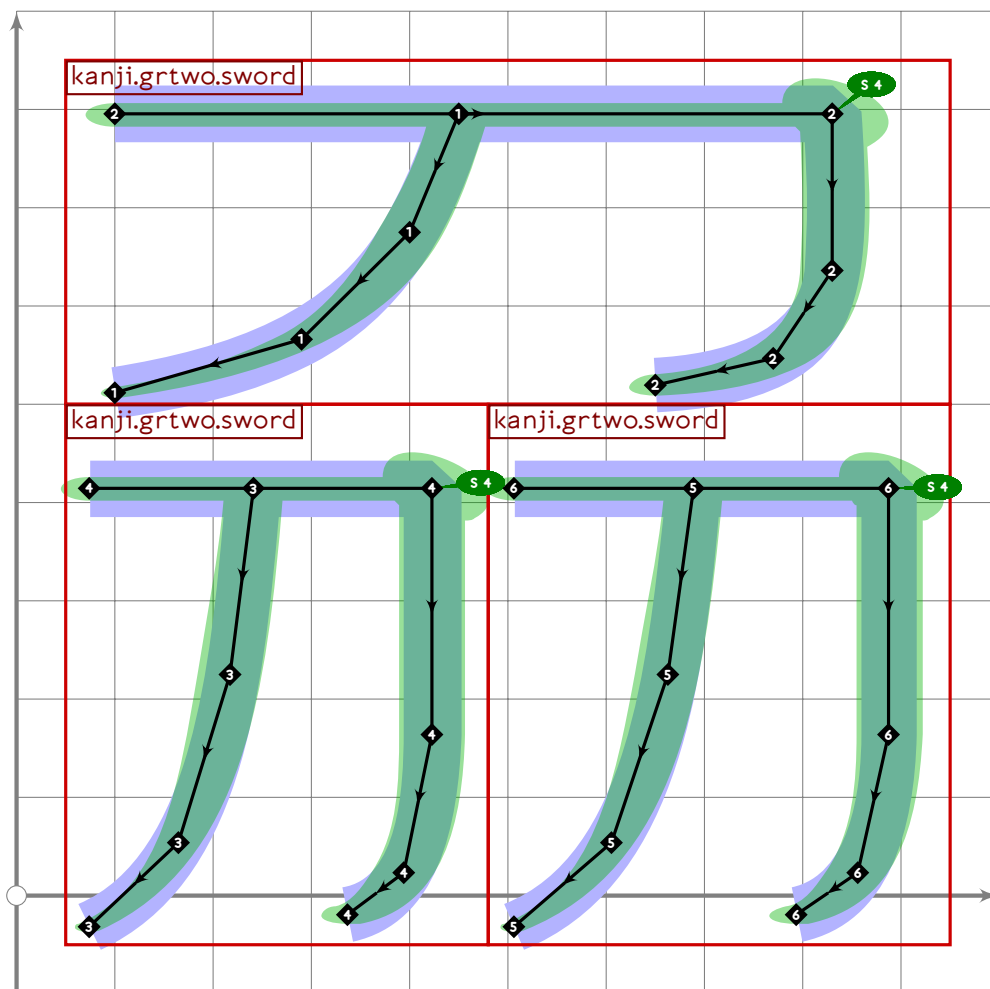
```

403 % extra: ketsu/eguru "scoop out"
404 begintsuglyph("uni5214";20);
405   build_kanji.level(build_kanji.lr(600;20)
406     (kanji.rare.decide)
407     (kanji.rightrad.sword));
408   tsu_render;
409 endtsuglyph;
410

```

U+5215  
tsuku.uni5215

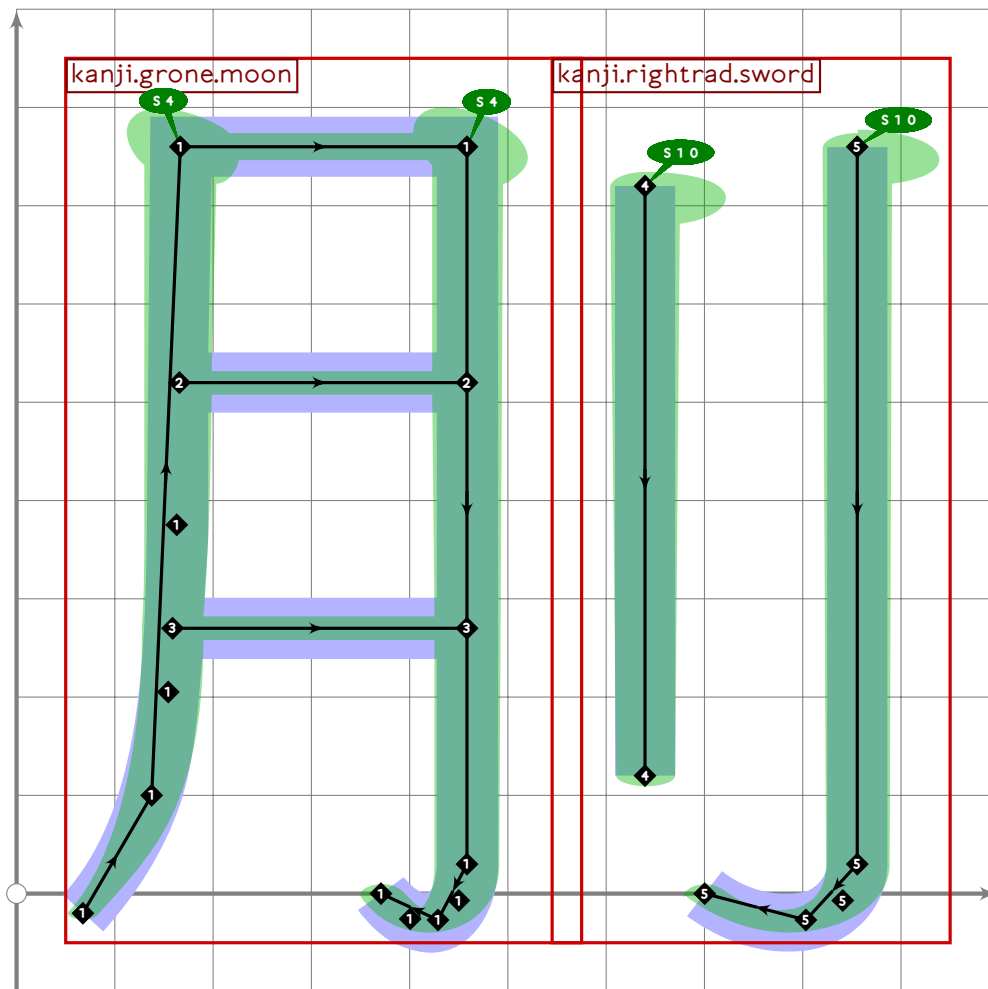
52



```

411 % extra
412 begintsuglyph("uni5215";21);
413   build_kanji.level(build_kanji.tricluster(1)
414     (kanji.grtwo.sword)
415     (kanji.grtwo.sword)
416     (kanji.grtwo.sword));
417   tsu_render;
418 endtsuglyph;
419

```

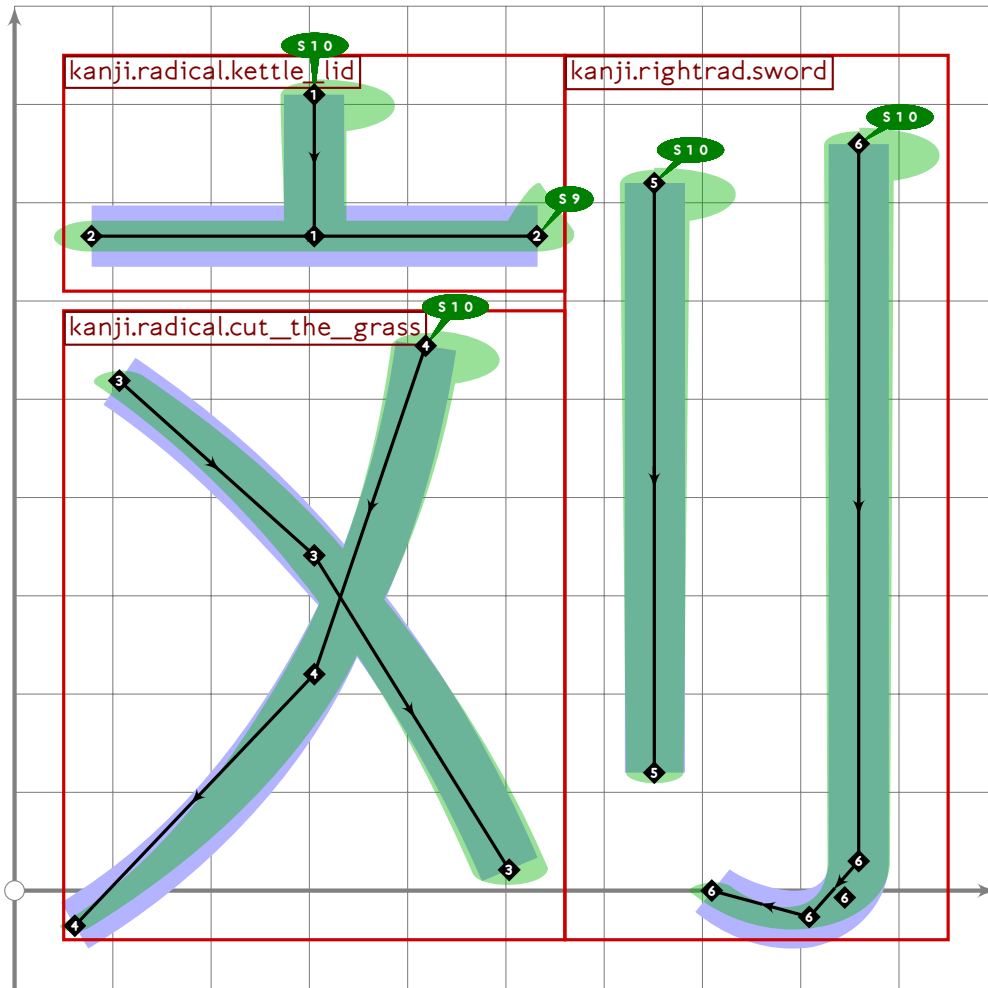


```

420 % extra: punishment by cutting off the feet (wtf?)
421 begintsuglyph("uni5216";22);
422   build_kanji.level(build_kanji.lr(560,30)
423     (kanji.grone.moon)
424     (kanji.rightrad.sword));
425   tsu_render;
426 endtsuglyph;
427
428 % retsu "column"
429 begintsuglyph("uni5217";23);
430   kanji.grthree.column;
431   tsu_render;
432 endtsuglyph;
433

```

[see page 618]



```

434 % extra: kill, destroy
435 begintsuglyph("uni5218";24);
436   build_kanji.level(build_kanji.lr(560,0)
437     (build_kanji.tb(600,20)
438       (kanji.radical.kettle_lid)
439       (kanji.radical.cut_the_grass))
440     (kanji.rightrad.sword));
441   tsu_render;
442 endtsuglyph;
443
444 % sho/haji "first time"
445 begintsuglyph("uni521D";29);
446   kanji.grfour.first_time;
447   tsu_render;
448 endtsuglyph;
449
450 % han/kawa "judge"
451 begintsuglyph("uni5224";36);
452   kanji.grfive.judge;
453   tsu_render;
454 endtsuglyph;

```

[see page 2156]

[see page 2163]



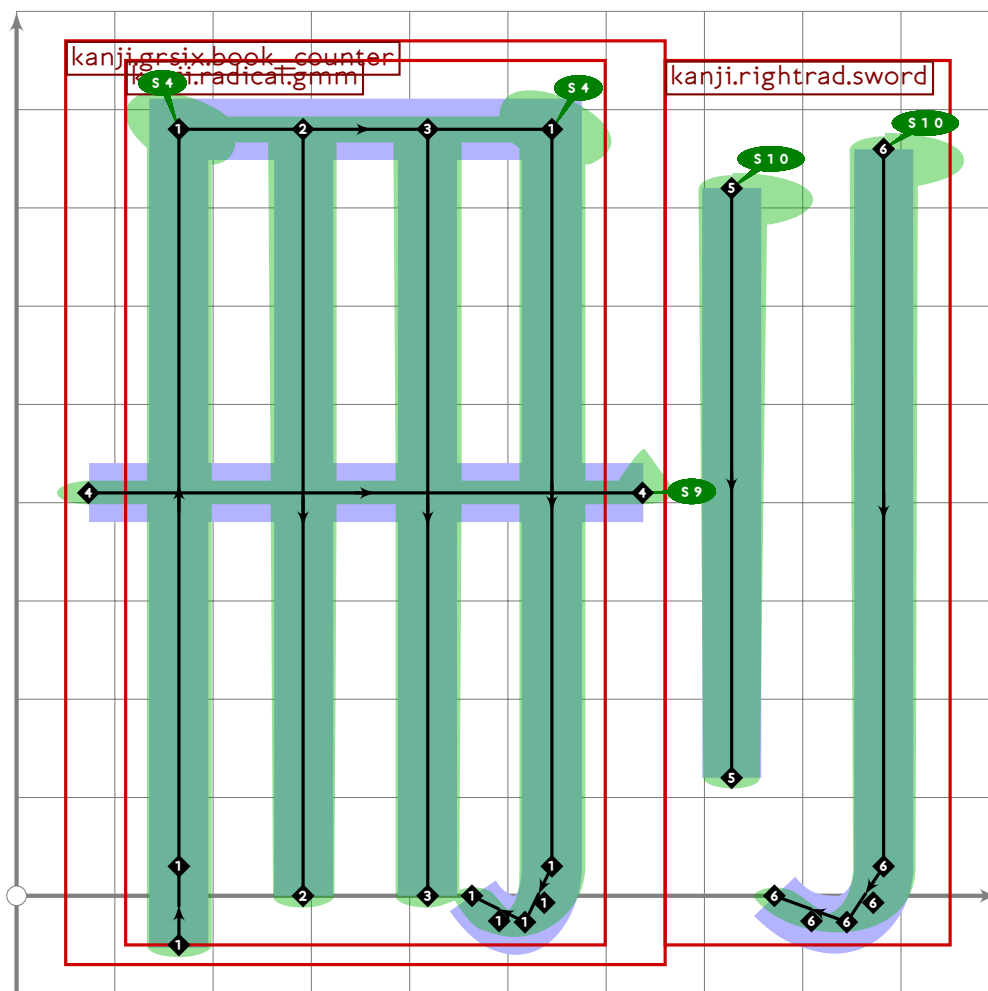
```

455
456 % betsu/waka "distinction"
457 begintsuglyph("uni5225";37);
458   kanji.grfour.distinction;
459   tsu_render;
460 endtsuglyph;
461
462 % ri/ki "advantage"
463 begintsuglyph("uni5229";41);
464   kanji.grfour.advantage;
465   tsu_render;
466 endtsuglyph;
467

```

[see page 2155]

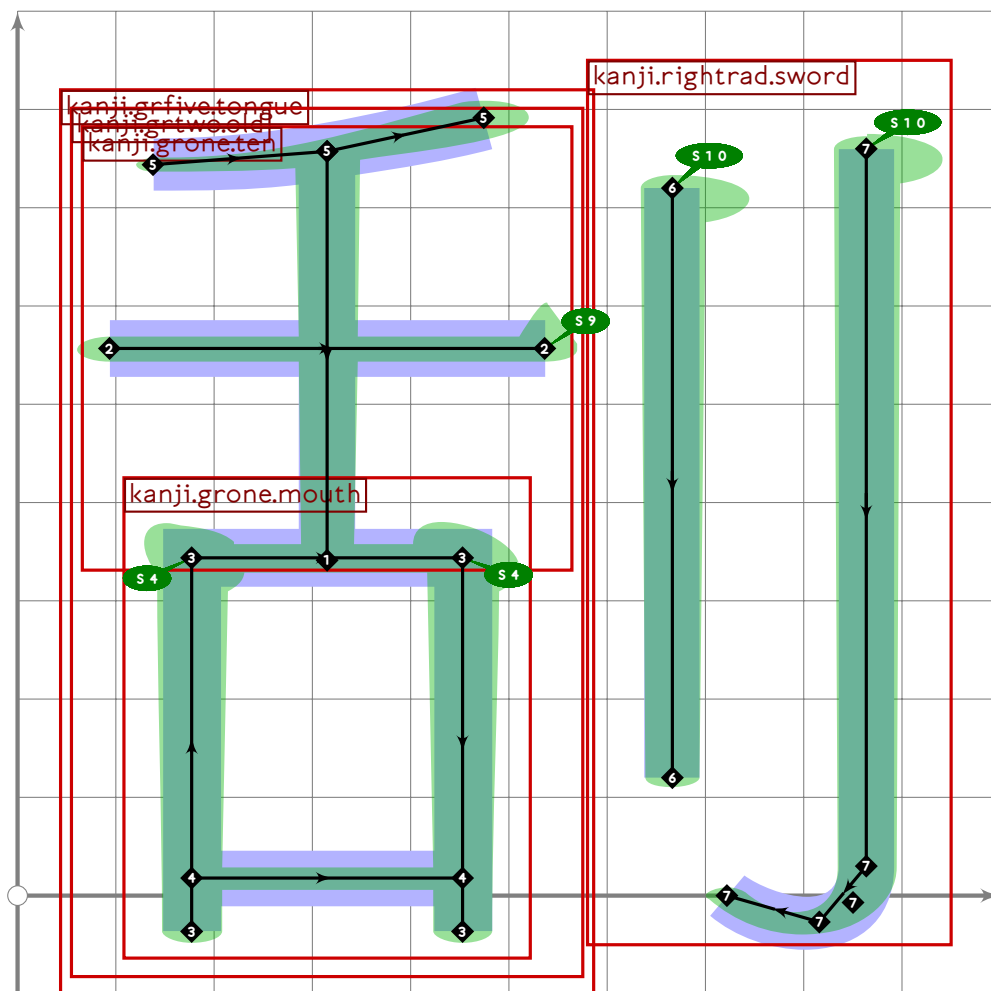
[see page 684]



```

468 % extra: san/kezuru "revise"
469 begintsuglyph("uni522A";42);
470   build_kanji.level(build_kanji.lr(660,0)
471     (kanji.grsix.book_counter)
472     (kanji.rightrrad.sword));
473   tsu_render;
474 endtsuglyph;
475

```

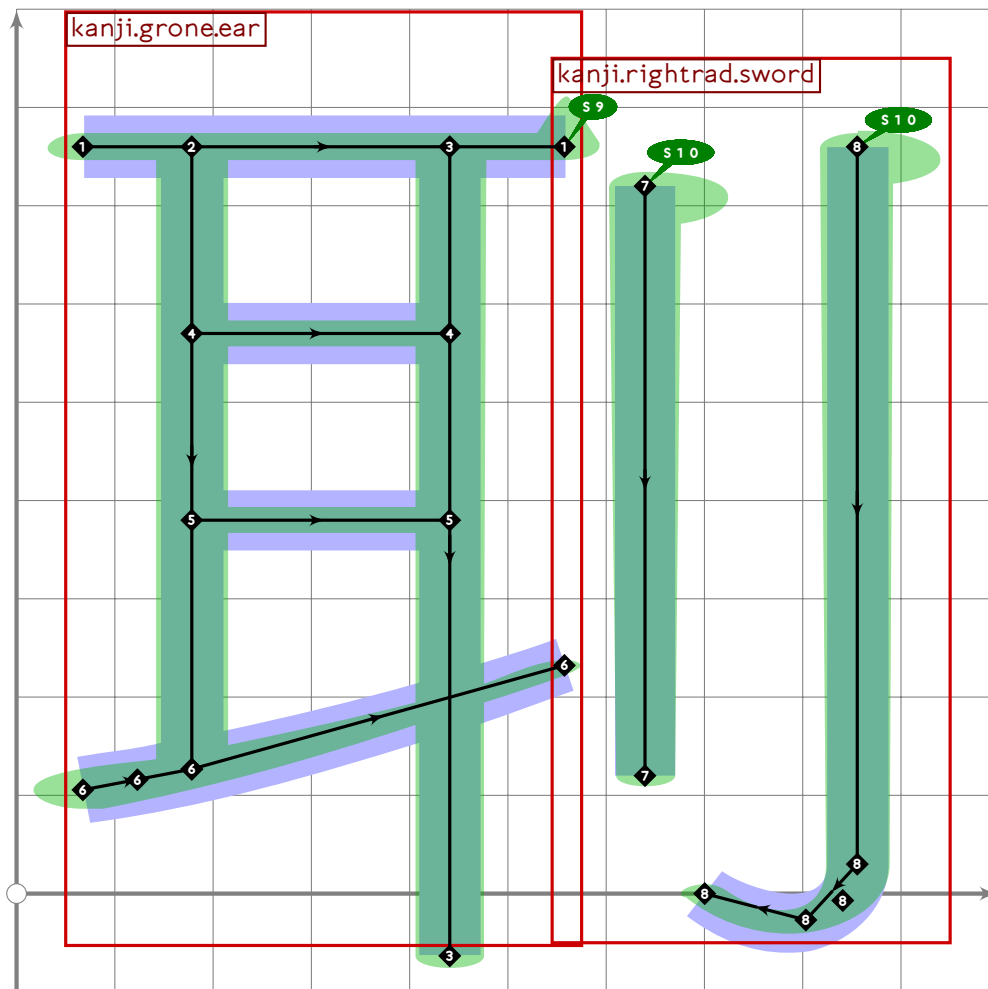


```

476 % extra: ketsu/kosogeru "scrape off"
477 begintsuglyph("uni522E";46);
478   build_kanji.level(build_kanji.lr(580,0)
479     (build_kanji.sscale(scaled 0.94 shifted (0,-40))(kanji.grfive.tongue))
480     (kanji.rightrad.sword));
481   tsu_render;
482 endtsuglyph;
483
484 % tou/ita "arrive"
485 begintsuglyph("uni5230";48);
486   kanji.greight.arrive;
487   tsu_render;
488 endtsuglyph;
489

```

[see page 2168]



```

490 % extra: punishment by cutting off the ears
491 begintsuglyph("uni5235";53);
492   build_kanji.level(build_kanji.lr(560,30)
493     (tsu_xform(identity yscaled (760/720))(kanji.grone.ear))
494     (kanji.rightrad.sword));
495   tsu_render;
496 endtsuglyph;
497
498 % sei "system" (as in "I like a boy in SEIfuku")
499 begintsuglyph("uni5236";54);
500   kanji.grfive.system;
501   tsu_render;
502 endtsuglyph;
503
504 % satsu/su "print"
505 begintsuglyph("uni5237";55);
506   kanji.grfour.print;
507   tsu_render;
508 endtsuglyph;
509
510 % ken "ticket"

```

[see page 809]

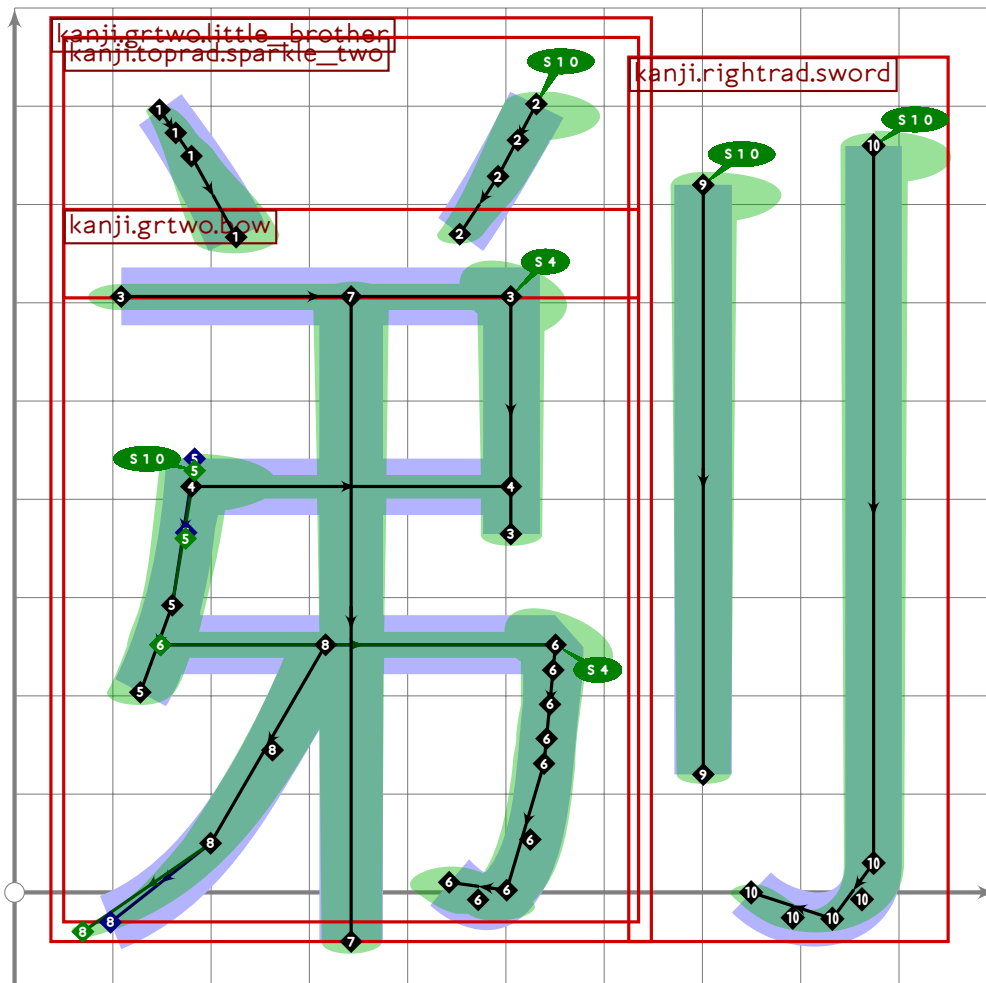
[see page 2159]

U+5243  
tsuku.uni5243

```
511 begintsuglyph("uni5238";56);  
512 kanji.grfive.ticket;  
513 tsu_render;  
514 endtsuglyph;  
515  
516 % satsu "temple/central pillar of pagoda"  
517 begintsuglyph("uni5239";57);  
518 kanji.greight.temple;  
519 tsu_render;  
520 endtsuglyph;  
521
```

[see page 811]

[see page 2172]



```
522 % extra: tei/soru "shave"  
523 begintsuglyph("uni5243";67);  
524 build_kanji.lr(630,10)  
525   (build_kanji.sscale(shifted (0,20))(kanji.grtwo.little_brother))  
526   (kanji.rightrad.sword);  
527 tsu_render;  
528 endtsuglyph;  
529  
530 % soku/notto "conform"  
531 begintsuglyph("uni5247";71);
```

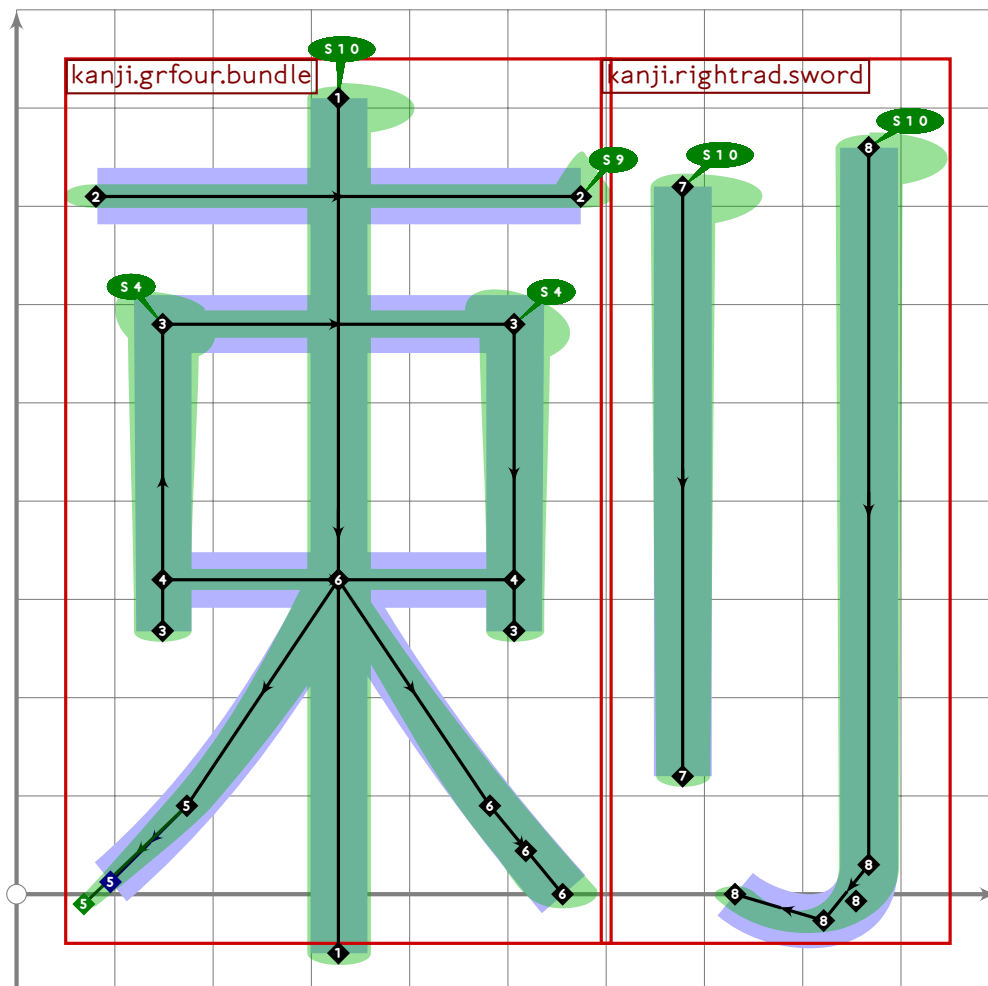
[see page 772]

```

532 kanji.grfive.conform;
533 tsu_render;
534 endtsuglyph;
535
536 % saku/kezu "whittle, sharpen, plane"
537 begintsuglyph("uni524A;74);
538 kanji.greight.whittle;
539 tsu_render;
540 endtsuglyph;
541

```

[see page 2173]



```

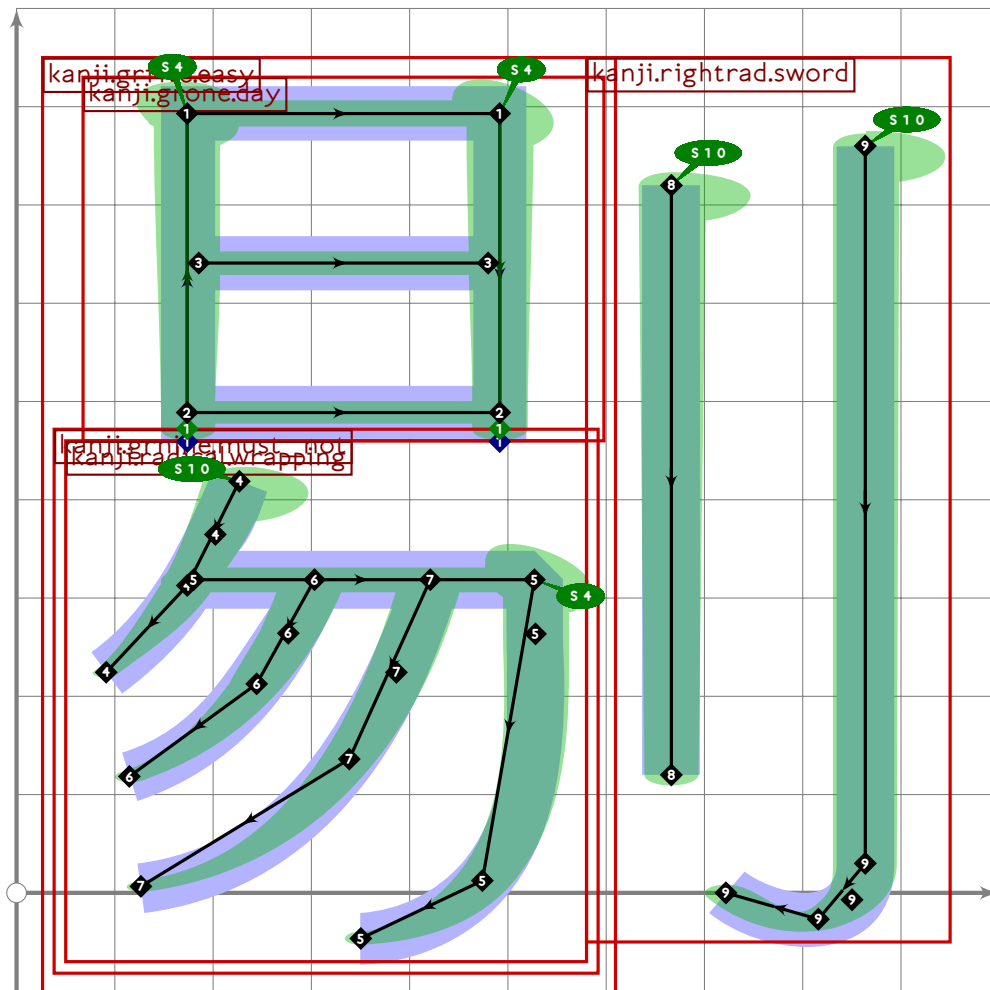
542 % extra: ratsu/moto "impetus"
543 begintsuglyph("uni524C;76);
544 build_kanji.lr(600,10)
545 (kanji.grfour.bundle)
546 (kanji.rightrad.sword);
547 tsu_render;
548 endtsuglyph;
549
550 % zen/mae "before"
551 begintsuglyph("uni524D;77);
552 kanji.grtwo.before;

```

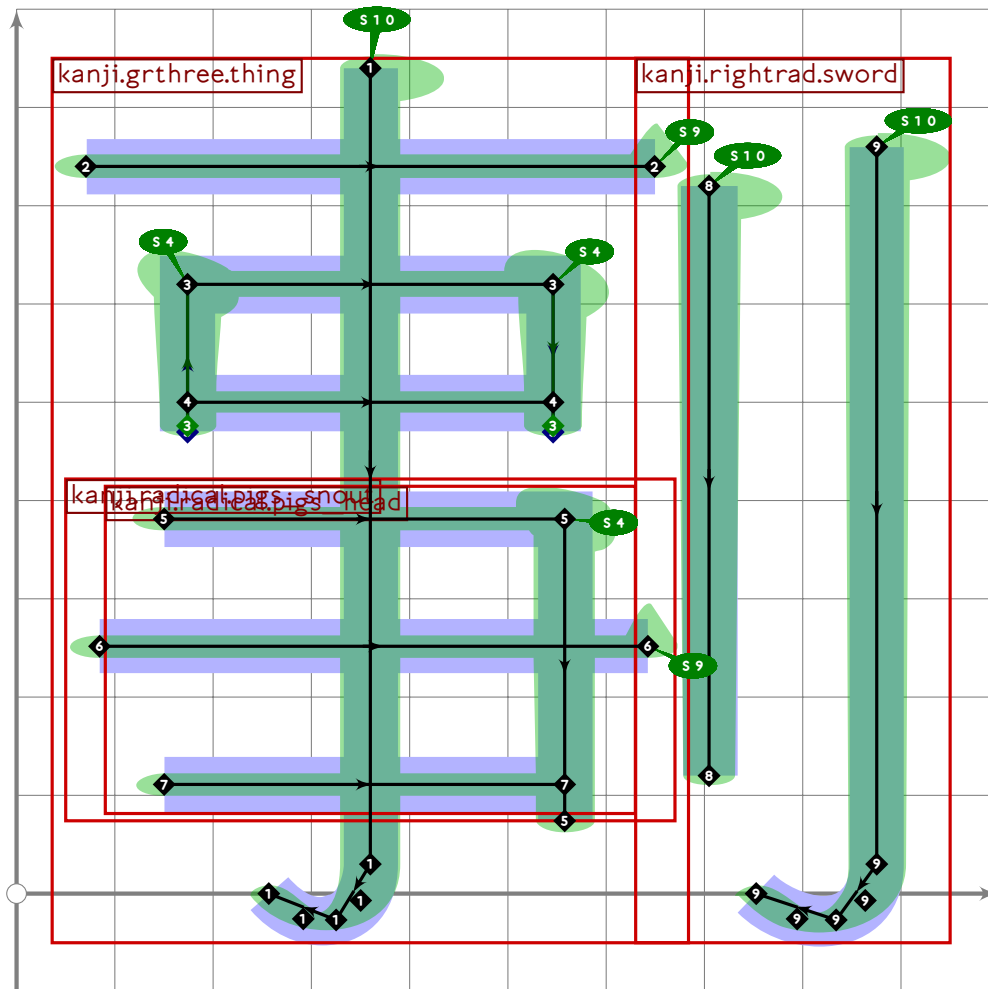
[see page 496]

U+5254  
tsuku.uni5254

```
553 tsu_render;
554 endtsuglyph;
555
```



```
556 % extra: teki/eguru "excision"
557 begintsuglyph("uni5254";84);
558 build_kanji.lr(580,0)
559 (build_kanji.sscale(shifted (0,-20))(kanji.grfive.easy))
560 (kanji.rightrad.sword);
561 tsu_render;
562 endtsuglyph;
563
```



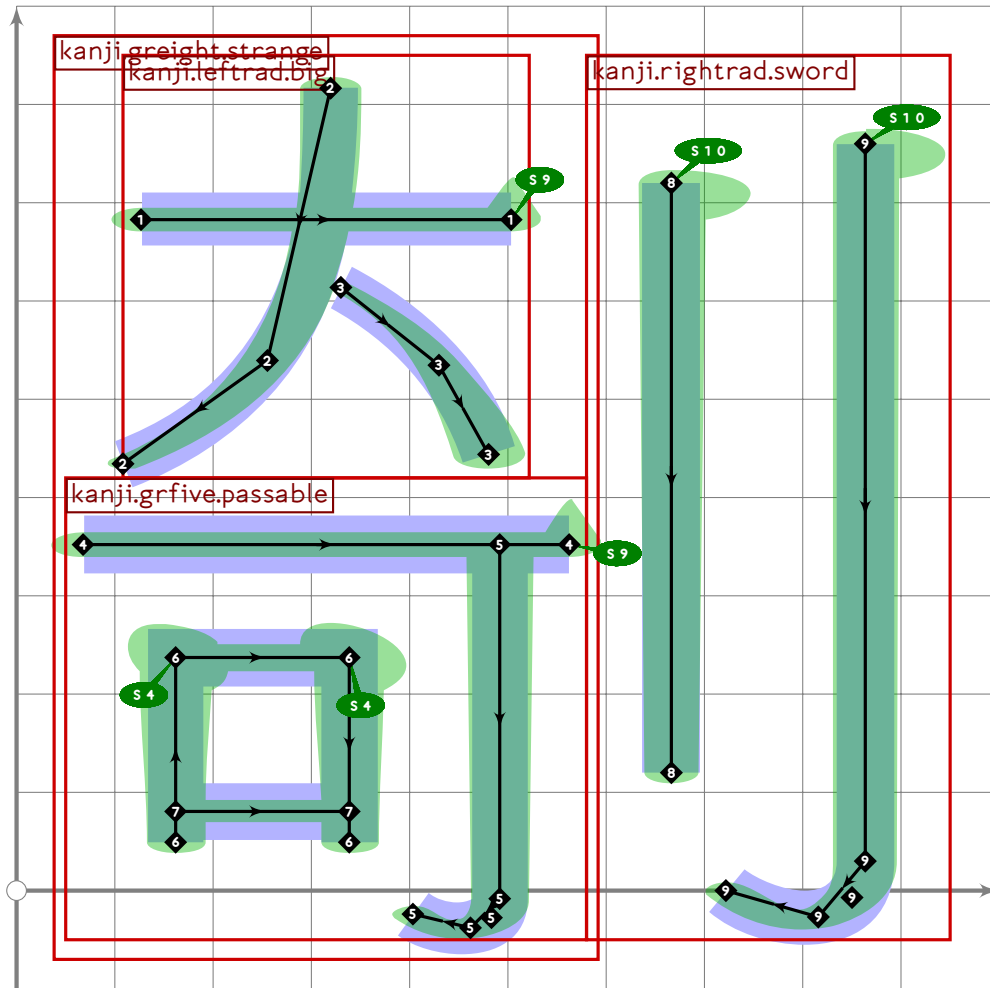
```

564 % extra: "stab"
565 begintsuglyph("uni525A;90);
566   build_kanji.level(build_kanji.lr(650,40)
567     (kanji.grthree.thing)
568     (kanji.rightrad.sword));
569   tsu_render;
570 endtsuglyph;
571
572 % gou "strength"
573 begintsuglyph("uni525B;91);
574   kanji.greight.strength;
575   tsu_render;
576 endtsuglyph;
577

```

[see page 2171]

U+525E  
tsuku.uni525E



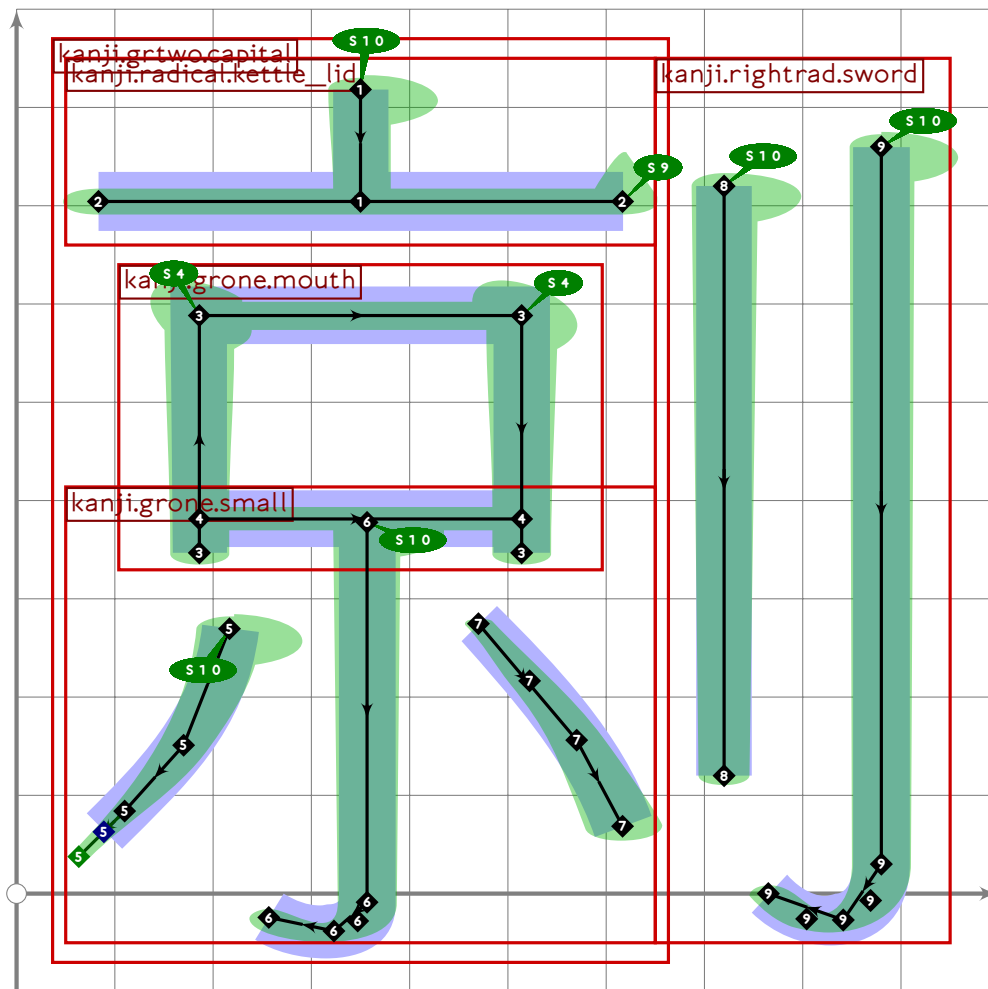
52

```

578 % extra: ki/kizamu "carve"
579 begintsuglyph("uni525E";94);
580   build_kanji.lr(580,0)
581     (kanji.greight.strange)
582     (kanji.rightrad.sword);
583   tsu_render;
584 endtsuglyph;
585

```





```

586 % extra: "brand" (probably yet another criminal punishment)
587 begintsuglyph("uni5260",96);
588   build_kanji.level(build_kanji.lr(650,0)
589     (kanji.grtwo.capital)
590     (kanji.rightrad.sword));
591   tsu_render;
592 endtsuglyph;
593
594 % fuku/soi "auxilliary" (also "adverb")
595 begintsuglyph("uni526F",111);
596   kanji.grfour.auxilliary;
597   tsu_render;
598 endtsuglyph;
599
600 % jyou/amasu "residue"
601 begintsuglyph("uni5270",112);
602   kanji.greight.residue;
603   tsu_render;
604 endtsuglyph;
605
606 % katsu/waru "proportion"

```

[see page 2154]

[see page 2170]

U+527B  
tsuku.uni527B

607 begintsuglyph("uni5272";114);

[see page 2167]

608 kanji.grsix.proportion;

609 tsu\_render;

610 endtsuglyph;

611

612 % sou/tsukuru "manufacture"

613 begintsuglyph("uni5275";117);

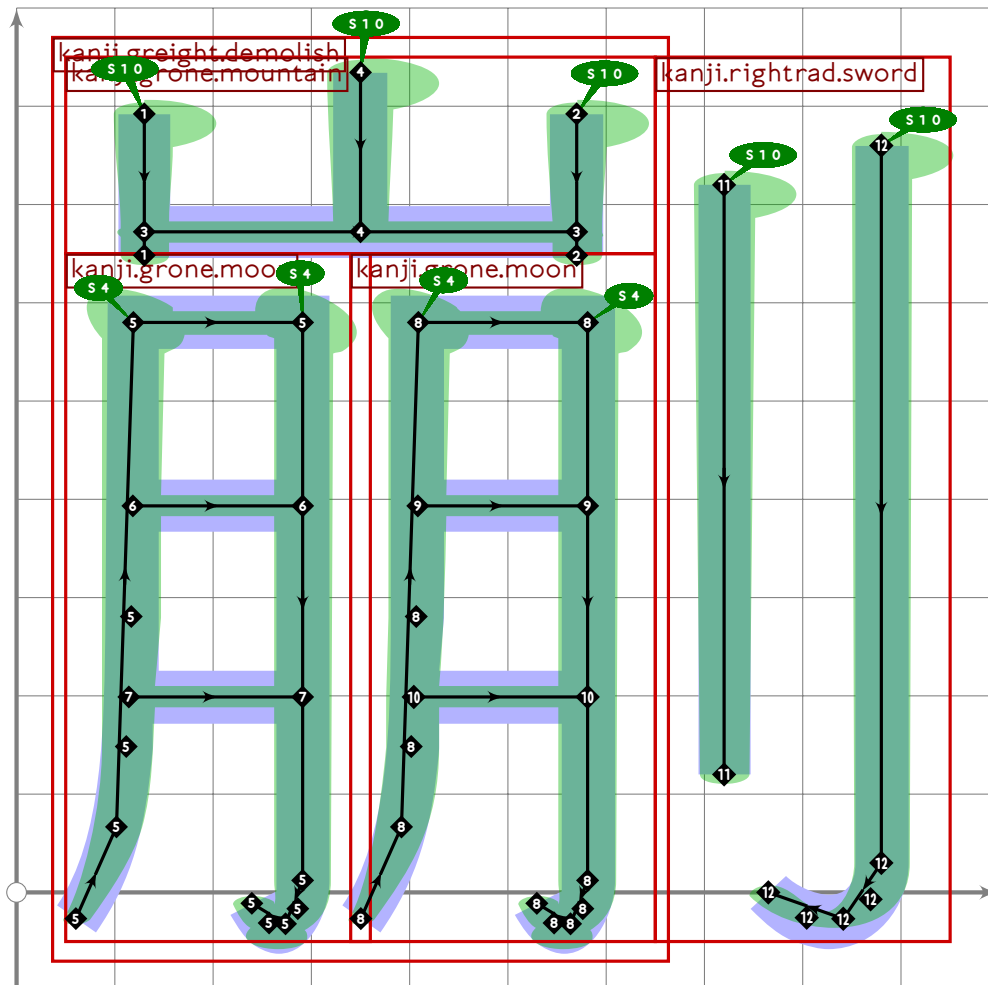
[see page 2166]

614 kanji.grsix.manufacture;

615 tsu\_render;

616 endtsuglyph;

617



618 % extra

619 begintsuglyph("uni527B";123);

620 build\_kanji.level(build\_kanji.lr(650,0)

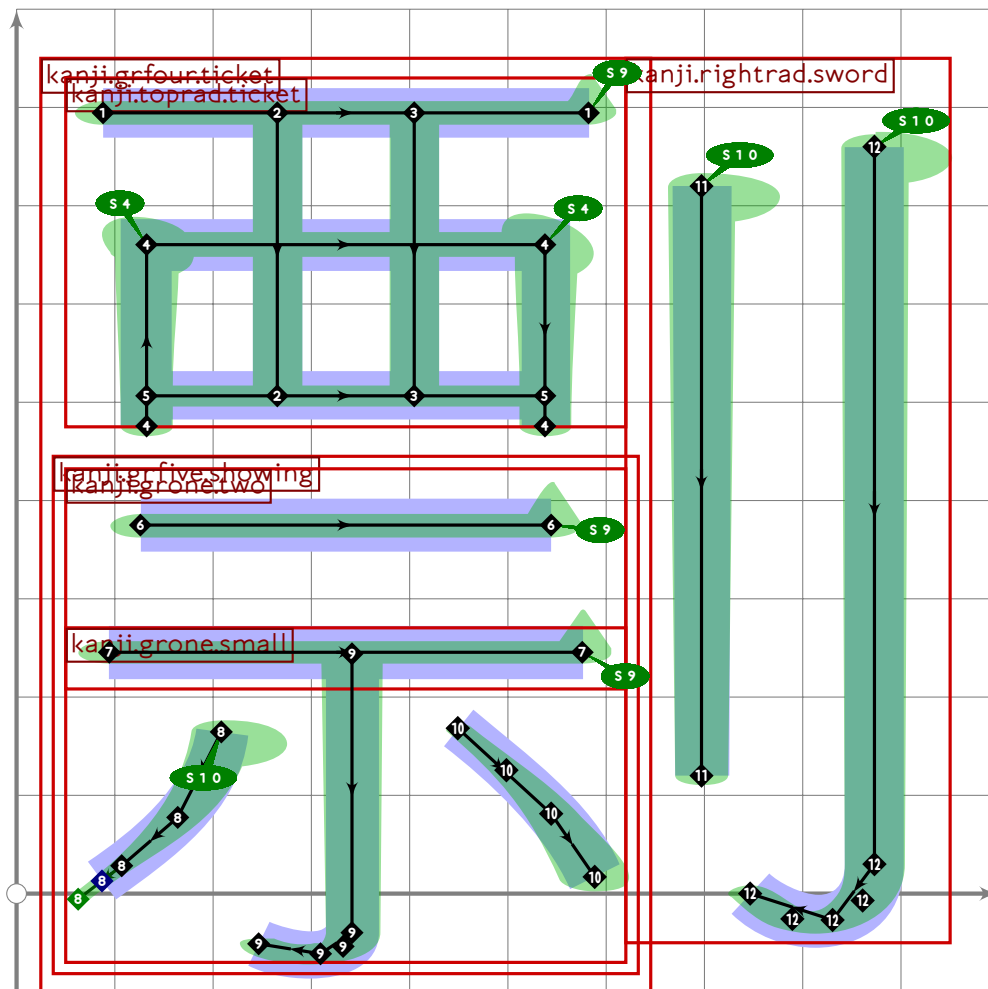
621 (kanji.greight.demolish)

622 (kanji.rightrad.sword));

623 tsu\_render;

624 endtsuglyph;

625



```

626 % extra: hyou "rogue"
627 begintsuglyph("uni527D",125);
628   build_kanji.lr(620,0)
629     (build_kanji.sscale(shifted (0,-20))(kanji.grfour.ticket))
630     (kanji.rightrad.sword);
631   tsu_render;
632 endtsuglyph;
633
634 % ken/tsurugi "sword", uncommon character used in names
635 begintsuglyph("uni528D",141);
636   kanji.grten.sword;
637   tsu_render;
638 endtsuglyph;
639
640 % ryoku "power", as in Koizumi Itsuki has teh "chounouryoku"
641 begintsuglyph("uni529B",155);
642   kanji.grone.power;
643   tsu_render;
644 endtsuglyph;
645
646 % kou/isao "merit"

```

[see page 2174]

[see page 467]

U+52A6  
tsuku.uni52A6

```
647 begintsuglyph("uni529F";159);
```

[see page 2158]

```
648 kanji.grfour.merit;
```

```
649 tsu_render;
```

```
650 endtsuglyph;
```

```
651
```

```
652 % kuwa "addition", also "Canada"
```

```
653 begintsuglyph("uni52A0";160);
```

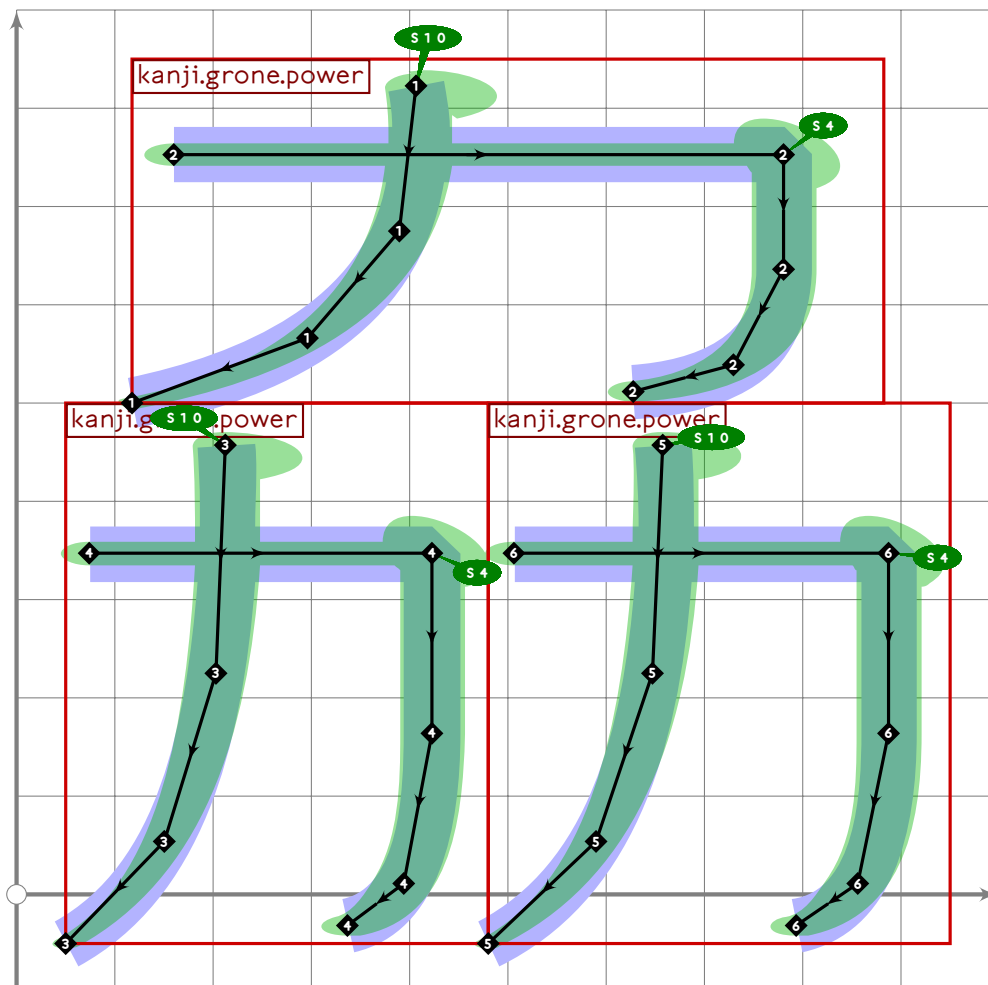
[see page 683]

```
654 kanji.grfour.addition;
```

```
655 tsu_render;
```

```
656 endtsuglyph;
```

```
657
```



```
658 % extra
```

```
659 begintsuglyph("uni52A6";166);
```

```
660 build_kanji.level(build_kanji.tricuster(0.85)
```

```
661 (kanji.grone.power)
```

```
662 (kanji.grone.power)
```

```
663 (kanji.grone.power));
```

```
664 tsu_render;
```

```
665 endtsuglyph;
```

```
666
```

```
667 % jo/tasu "help"
```

668	begintsuglyph("uni52A9";169);	[see page 2153]
669	kanji.grthree.help;	
670	tsu__render;	
671	endtsuglyph;	
672		
673	% do/tsuto "toil"	
674	begintsuglyph("uni52AA";170);	[see page 2160]
675	kanji.grfour.toil;	
676	tsu__render;	
677	endtsuglyph;	
678		
679	% rou/ita "labour"	
680	begintsuglyph("uni52B4";180);	[see page 2157]
681	kanji.grfour.labour;	
682	tsu__render;	
683	endtsuglyph;	
684		
685	% kou/ki "effect" (as in physics)	
686	begintsuglyph("uni52B9";185);	[see page 2161]
687	kanji.grfive.effect;	
688	tsu__render;	
689	endtsuglyph;	
690		
691	% yuu/isa "courage"	
692	begintsuglyph("uni52C7";199);	[see page 698]
693	kanji.grfour.courage;	
694	tsu__render;	
695	endtsuglyph;	
696		
697	% ben/tsuto "exertion"	
698	begintsuglyph("uni52C9";201);	[see page 2152]
699	kanji.grthree.exertion;	
700	tsu__render;	
701	endtsuglyph;	
702		
703	% dou/ugo "motion"	
704	begintsuglyph("uni52D5";213);	[see page 653]
705	kanji.grthree.motion;	
706	tsu__render;	
707	endtsuglyph;	
708		
709	% mu/tsuto "serve"	
710	begintsuglyph("uni52D9";217);	[see page 2165]
711	kanji.grfive.serve;	
712	tsu__render;	
713	endtsuglyph;	
714		
715	% shou/ka "victory"	

```

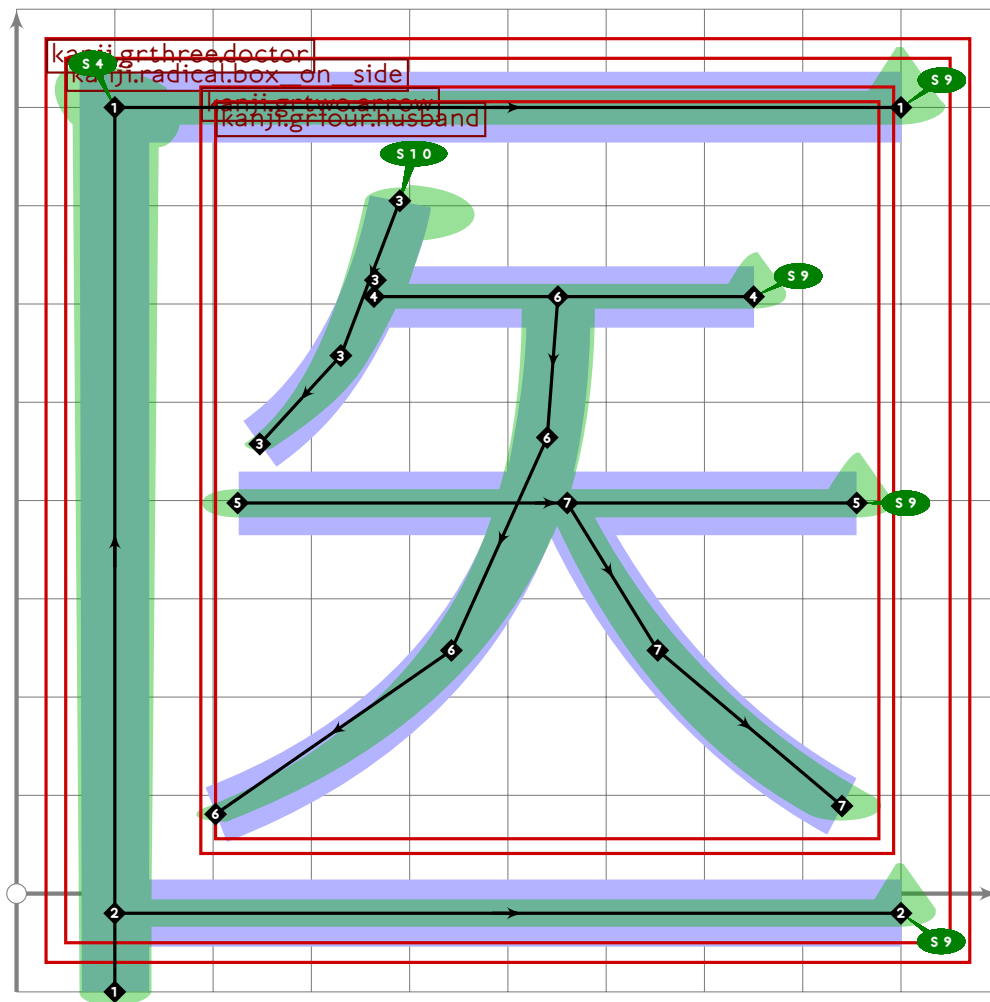
716 begintsuglyph("uni52DD";221); [see page 679]
717   kanji.grthree.victory;
718   tsu_render;
719 endtsuglyph;
720
721 % sei/ikio "energy"
722 begintsuglyph("uni52E2";226); [see page 2162]
723   kanji.grfive.energy;
724   tsu_render;
725 endtsuglyph;
726
727 % hou/tsutsu "wrapping radical"
728 begintsuglyph("uni52F9";249); [see page 900]
729   kanji.radical.wrapping;
730   tsu_render;
731 endtsuglyph;
732
733 % shaku "ladle" (also a unit of measure)
734 begintsuglyph("uni52FA";250); [see page 1004]
735   kanji.grnine.ladle;
736   tsu_render;
737 endtsuglyph;
738
739 % mochi/naka "not", esp. "must not"
740 begintsuglyph("uni52FF";255); [see page 1011]
741   kanji.grnine.must_not;
742   tsu_render;
743 endtsuglyph;
744
745 _____
746
747 endfont;
748
749 _____

```

# tsuku-53.mp

```
1 %
2 % Unicode page 53 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input rightrad.mp;
50 input toprad.mp;
51
52 do_late_includes;
53
54
```

---

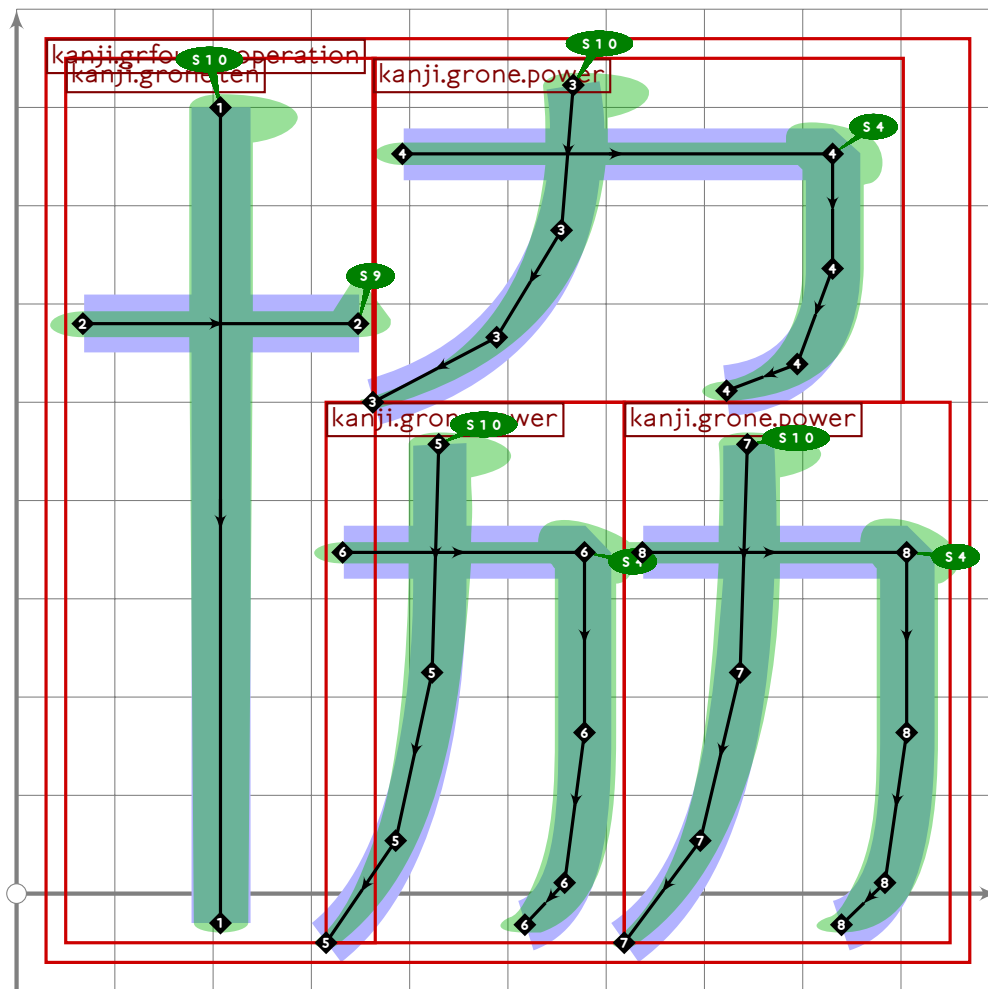


```

55
56 vardef kanji.grthree.doctor =
57   push_pbox_toexpand("kanji.grthree.doctor");
58   kanji.radical.box_on_side;
59   build_kanji.sscale(scaled 0.75 shifted (40,0))(kanji.grtwo.arrow);
60   expand_pbox;
61 enddef;
62
63

```

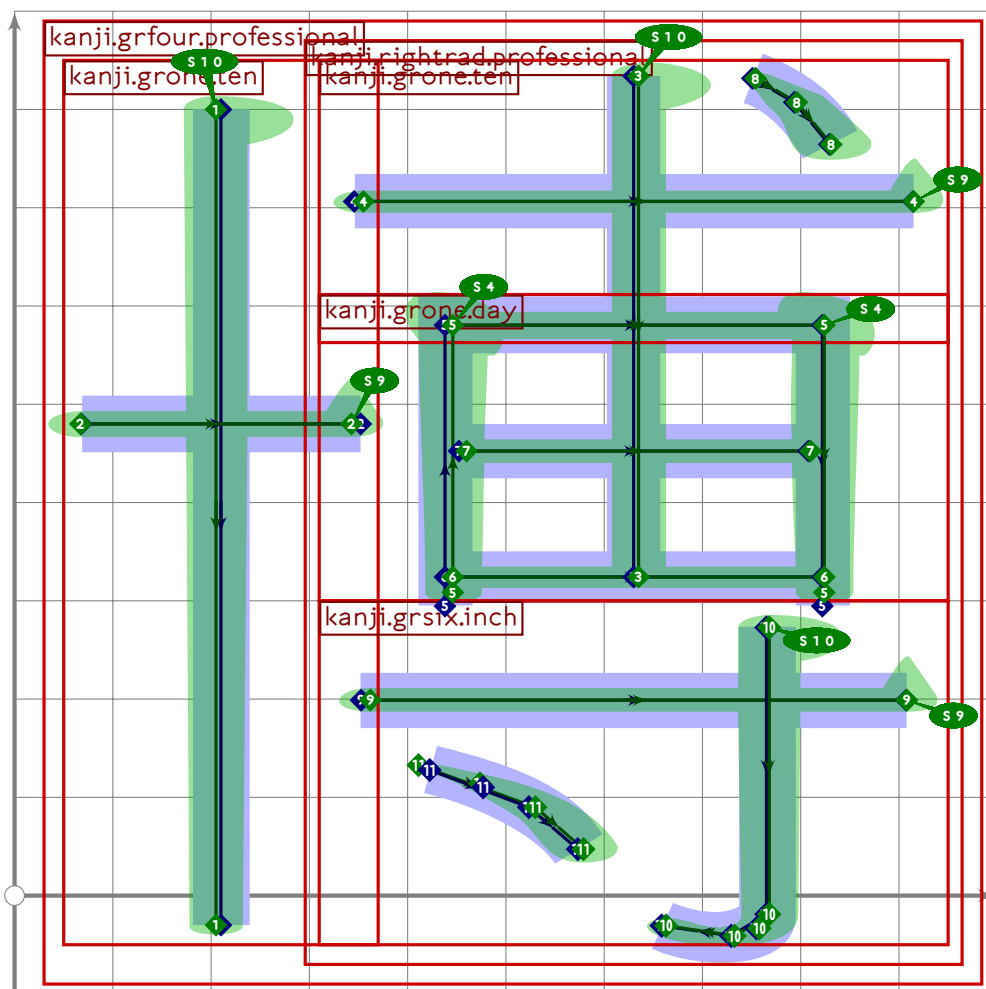




```

64
65 vardef kanji.grfour.cooperation =
66   push_pbox__toexpand("kanji.grfour.cooperation");
67   build_kanji.lr(340,50)
68   (kanji.grone.ten;
69     replace_strokep(0)(oldp shifted (0,180)))
70   (build_kanji.level(build_kanji.triclust(0.85)
71     (kanji.grone.power)
72     (kanji.grone.power)
73     (kanji.grone.power)));
74   expand_pbox;
75 enddef;

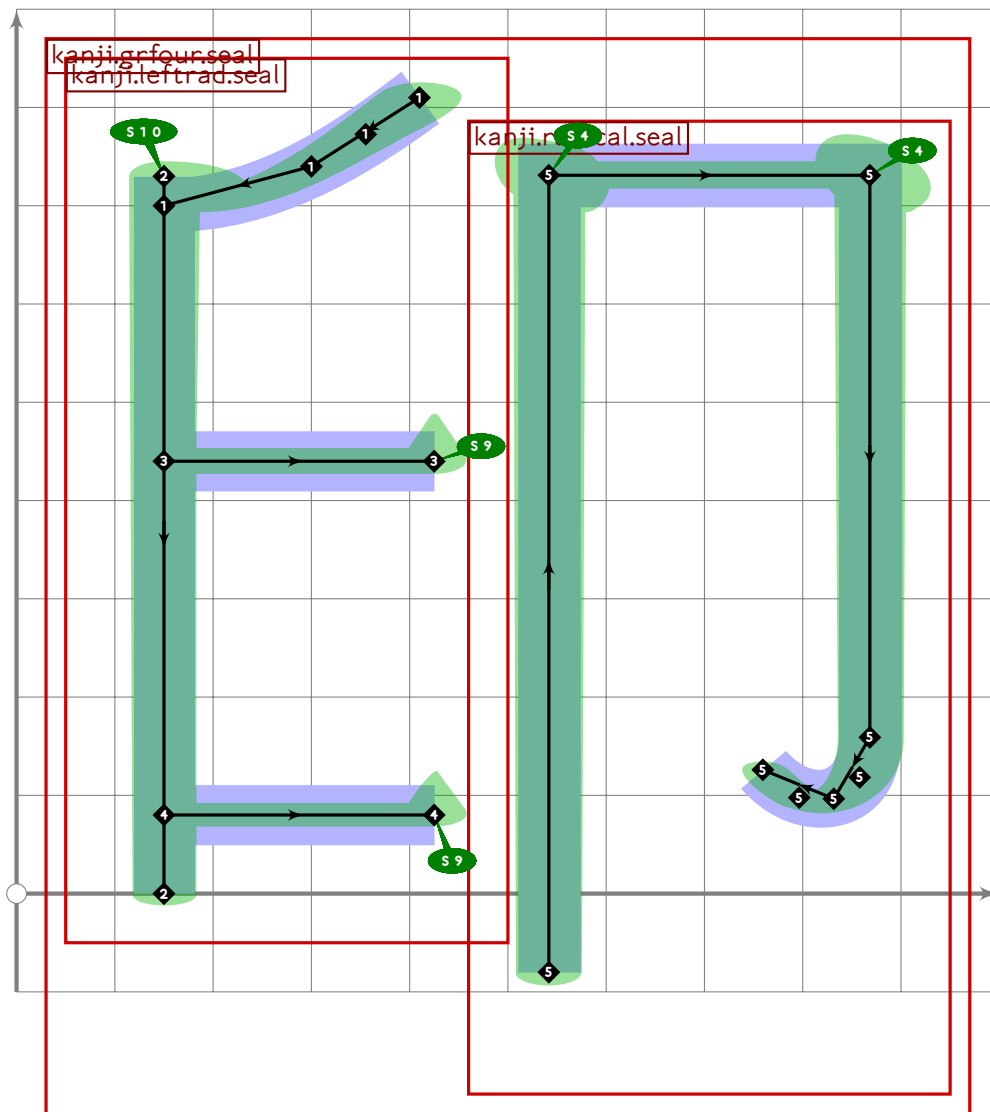
```



```

76
77 vardef kanji.grfour.professional =
78   push_pbox__toexpand("kanji.grfour.professional");
79   build_kanji.lr(340,60-20*mincho)
80     (kanji.grone.ten;
81       replace_strokep(0)(oldp shifted (0,80)))
82     (kanji.rightrad.professional);
83   expand_pbox;
84 enddef;

```



```

85
86 vardef kanji.grfour.seal =
87   push_pbox_toexpand("kanji.grfour.seal");
88   build_kanji.lr(480,40)
89   (kanji.leftrad.seal)
90   (build_kanji.sscale(yscaled 1.1 shifted (0,-110))(kanji.radical.seal));
91   replace_strokep(0)(subpath (xpart (oldp intersectiontimes
92     ((0,80)-(1000,80))),infinity) of oldp);
93   expand_pbox;
94 enddef;
95
96

```



[see page 764]

```

118 endtsuglyph;
119
120 % by itself means "be flustered"
121 begintsuglyph("uni5306";6); [see page 867]
122 kanji.radical.crossed__must__not;
123 tsu__render;
124 endtsuglyph;
125
126 % kyou "Huns"
127 begintsuglyph("uni5308";8); [see page 1068]
128 kanji.rare.huns;
129 tsu__render;
130 endtsuglyph;
131
132 % hi/saji "spoon"
133 begintsuglyph("uni5315";21); [see page 890]
134 kanji.radical.spoon;
135 tsu__render;
136 endtsuglyph;
137
138 % ka/ba "change"
139 begintsuglyph("uni5316";22); [see page 612]
140 kanji.grthree.change;
141 tsu__render;
142 endtsuglyph;
143
144 % hoku/kita "north"
145 begintsuglyph("uni5317";23); [see page 557]
146 kanji.grtwo.north;
147 tsu__render;
148 endtsuglyph;
149
150 % hou/hakogamae "box on side radical"
151 begintsuglyph("uni531A";26); [see page 863]
152 kanji.radical.box_on_side;
153 tsu__render;
154 endtsuglyph;
155
156 % kyou/suku "deliverance"
157 begintsuglyph("uni5321";33); [see page 996]
158 kanji.grnine.deliverance;
159 tsu__render;
160 endtsuglyph;
161
162 % ku "ward" (as in postal addresses)
163 begintsuglyph("uni533A";58); [see page 680]
164 kanji.grthree.ward;
165 tsu__render;

```

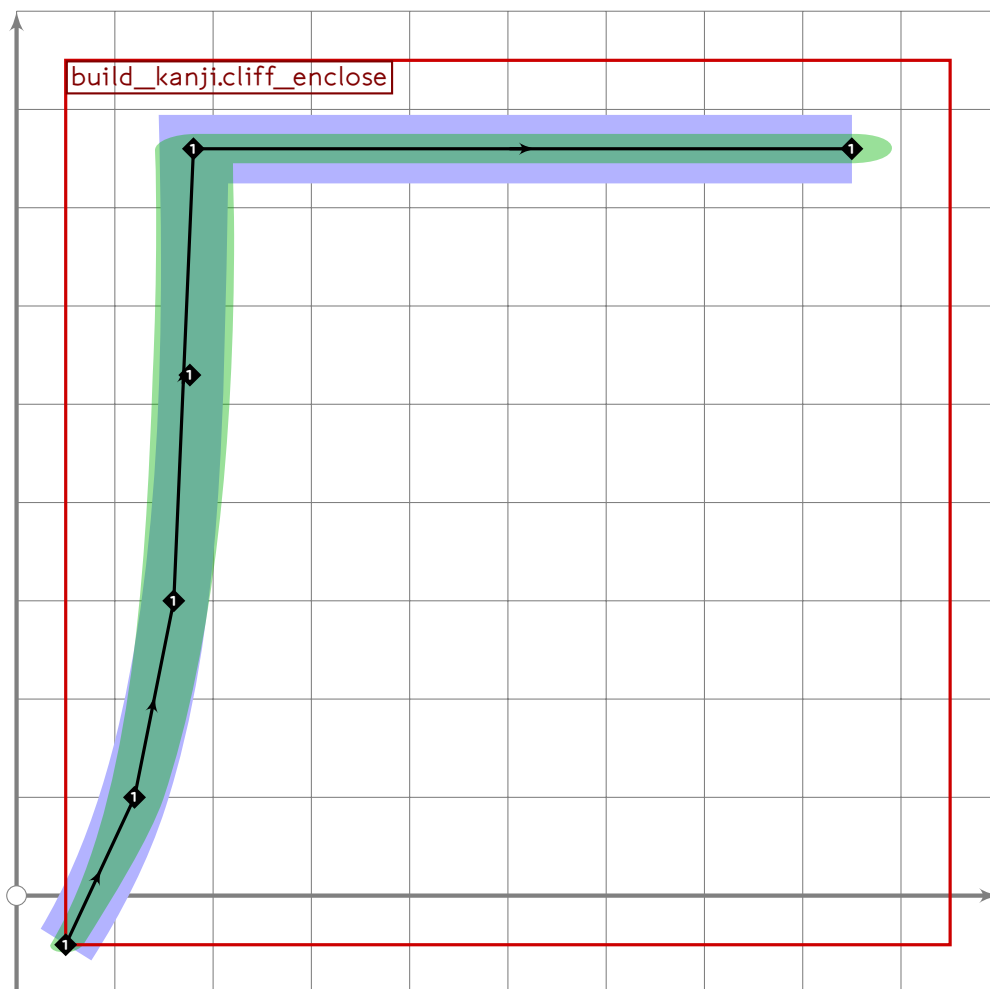
```

166 endtsuglyph;
167
168 % i "doctor"
169 begintsuglyph("uni533B";59); [see page 2198]
170 kanji.grthree.doctor;
171 tsu__render;
172 endtsuglyph;
173
174 % juu/too "ten"
175 begintsuglyph("uni5341";65); [see page 482]
176 kanji.grone.ten;
177 tsu__render;
178 endtsuglyph;
179
180 % sen "one thousand"
181 begintsuglyph("uni5343";67); [see page 464]
182 kanji.grone.one_thousand;
183 tsu__render;
184 endtsuglyph;
185
186 % han/naka "half"
187 begintsuglyph("uni534A";74); [see page 521]
188 kanji.grtwo.half;
189 tsu__render;
190 endtsuglyph;
191
192 % go/uma "noon"
193 begintsuglyph("uni5348";72); [see page 556]
194 kanji.grtwo.noon;
195 tsu__render;
196 endtsuglyph;
197
198 % sotsu/so- "graduate"
199 begintsuglyph("uni5352";82); [see page 718]
200 kanji.grfour.graduate;
201 tsu__render;
202 endtsuglyph;
203
204 % kyou "cooperation"
205 begintsuglyph("uni5354";84); [see page 2199]
206 kanji.grfour.cooperation;
207 tsu__render;
208 endtsuglyph;
209
210 % nan/minami "south"
211 begintsuglyph("uni5357";87); [see page 575]
212 kanji.grtwo.south;
213 tsu__render;

```

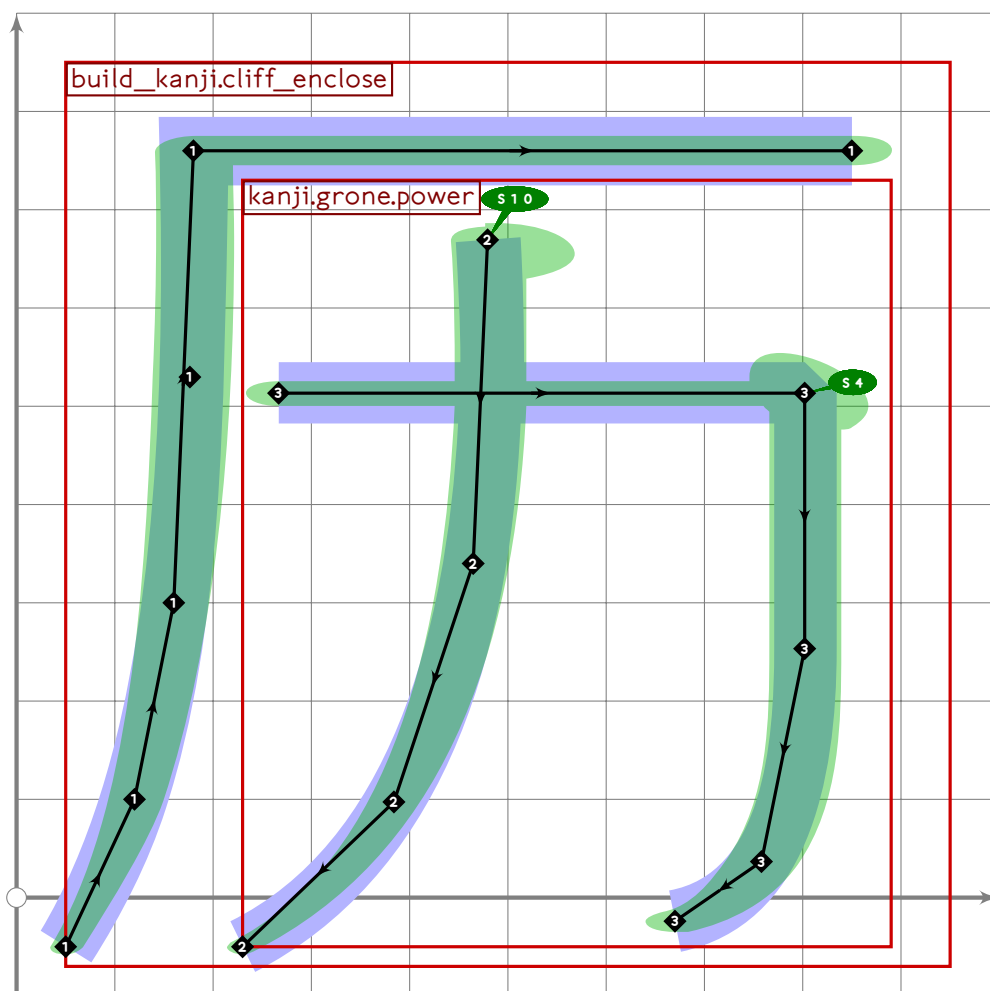
214 endtsuglyph;  
 215  
 216 % tan/hitoe "single"  
 217 begintsuglyph("uni5358";88); [see page 752]  
 218 kanji.grfour.single;  
 219 tsu\_\_render;  
 220 endtsuglyph;  
 221  
 222 % haku "professional"  
 223 begintsuglyph("uni535A";90); [see page 2200]  
 224 kanji.grfour.professional;  
 225 tsu\_\_render;  
 226 endtsuglyph;  
 227  
 228 % boku/urana "divination"  
 229 begintsuglyph("uni535C";92); [see page 997]  
 230 kanji.grnine.divination;  
 231 tsu\_\_render;  
 232 endtsuglyph;  
 233  
 234 % sen/urana "divination"  
 235 begintsuglyph("uni5360";96); [see page 936]  
 236 kanji.greight.divination;  
 237 tsu\_\_render;  
 238 endtsuglyph;  
 239  
 240 % setsu/warifu "seal radical"  
 241 begintsuglyph("uni5369";105); [see page 888]  
 242 kanji.radical.seal;  
 243 tsu\_\_render;  
 244 endtsuglyph;  
 245  
 246 % in/shiroshi "seal"  
 247 begintsuglyph("uni5370";112); [see page 2201]  
 248 kanji.grfour.seal;  
 249 tsu\_\_render;  
 250 endtsuglyph;  
 251  
 252 % soku/tsu "instant"  
 253 begintsuglyph("uni5373";115); [see page 951]  
 254 kanji.greight.instant;  
 255 tsu\_\_render;  
 256 endtsuglyph;  
 257

U+5382  
tsuku.uni5382



```
258 % karigane "cliff radical"
259 begintsuglyph("uni5382",130);
260   build_kanji.cliff_enclose();
261   tsu_render;
262 endtsuglyph;
263
```



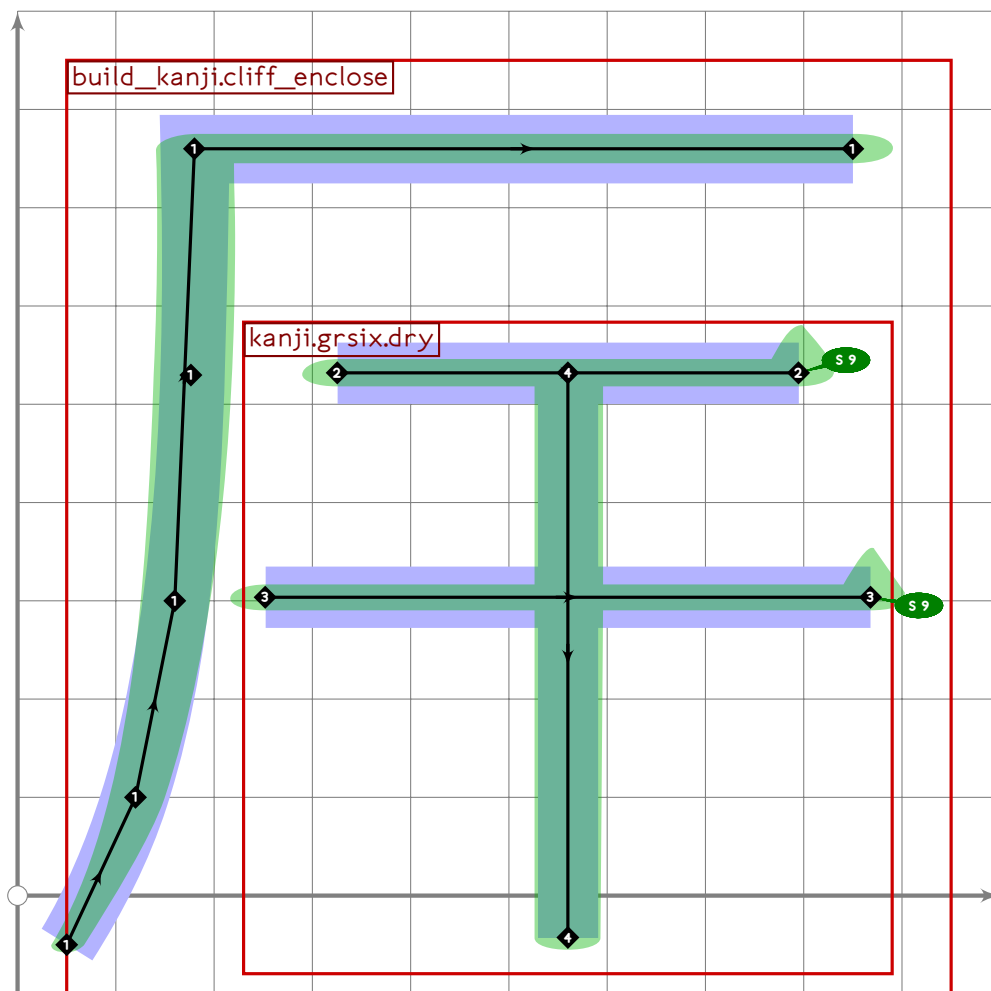


```

264 % extra
265 begintsuglyph("uni5386",134);
266   build_kanji.cliff_enclose(kanji.grone.power);
267   tsu_render;
268 endtsuglyph;
269

```

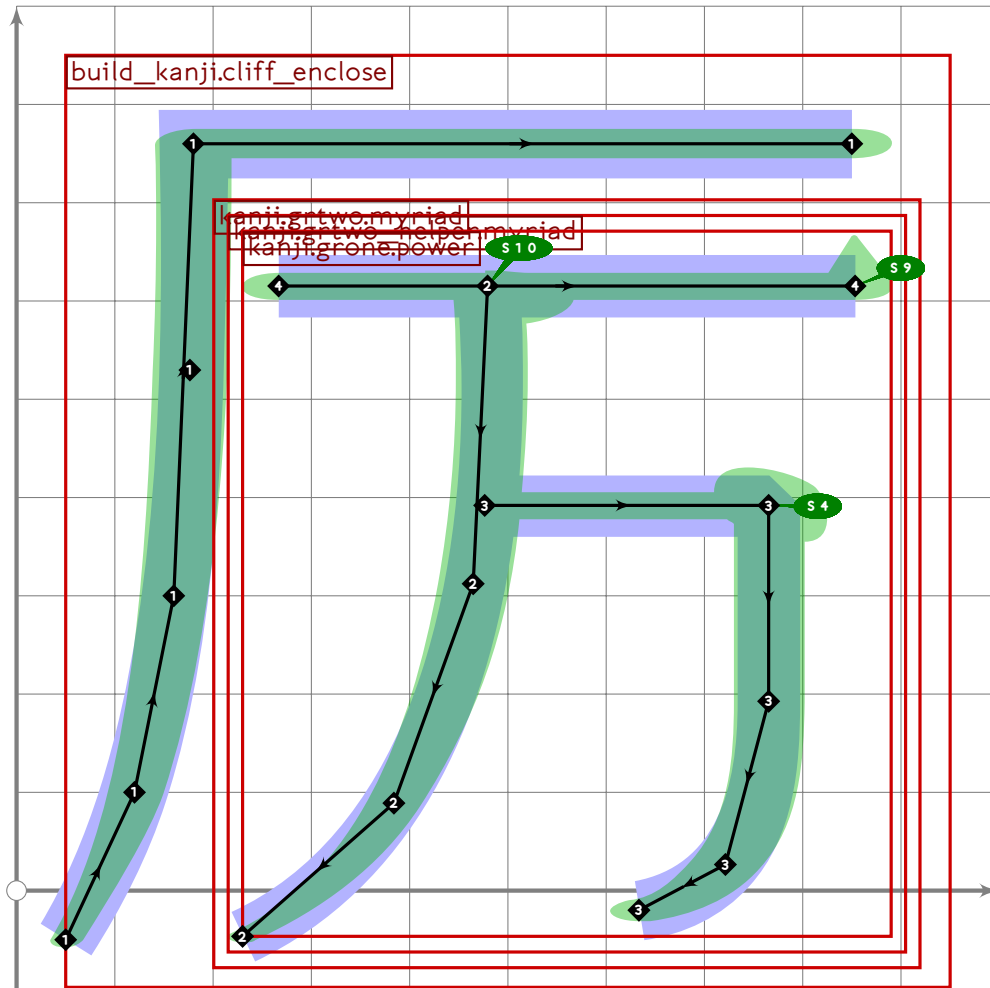
U+5388  
tsuku.uni5388



```

270 % extra
271 begintsuglyph("uni5388",136);
272   build_kanji.cliff_enclose(build_kanji.sscale(yscaled 0.85 shifted (0,100))
273     (kanji.grsix.dry));
274   tsu_render;
275 endtsuglyph;
276

```

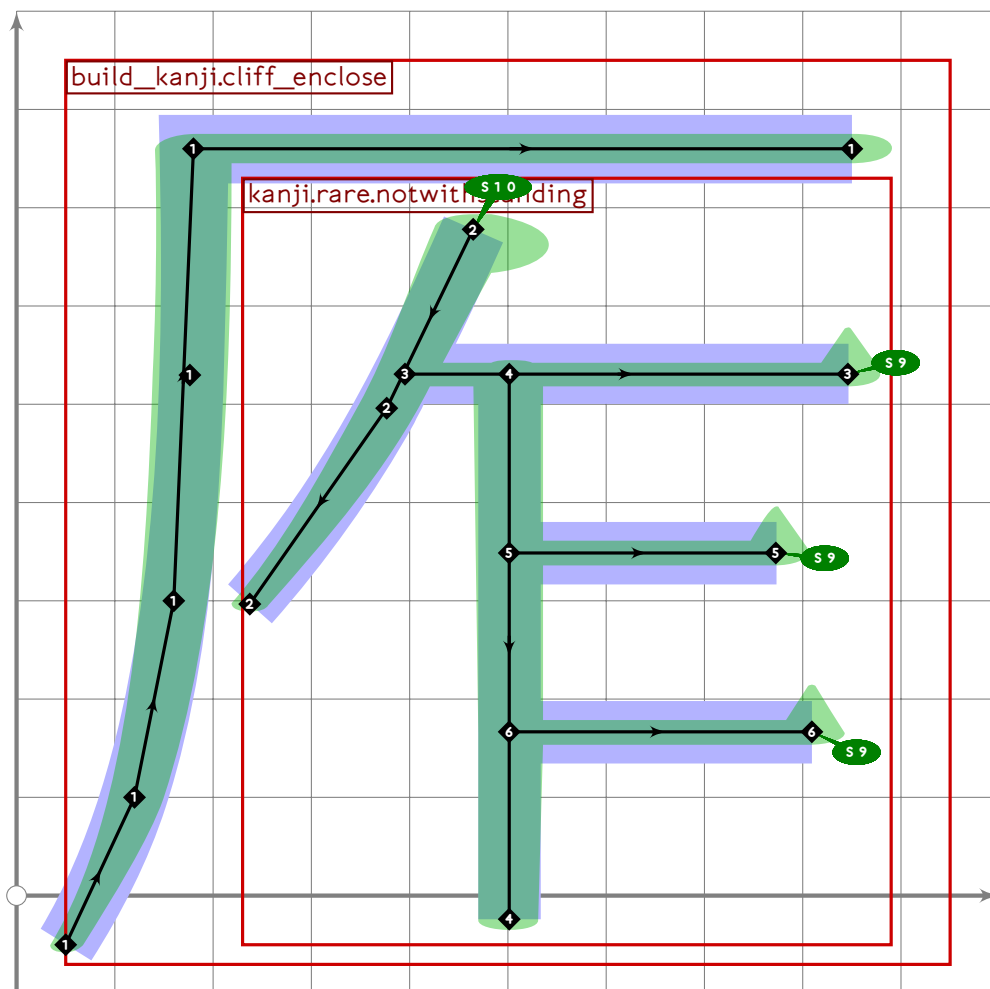


```

277 % extra
278 begintsuglyph("uni5389",137);
279   build_kanji.cliff_enclose(tsu_xform(identity yscaled 0.92)
280     (kanji.grtwo.myriad));
281   tsu_render;
282 endtsuglyph;
283

```

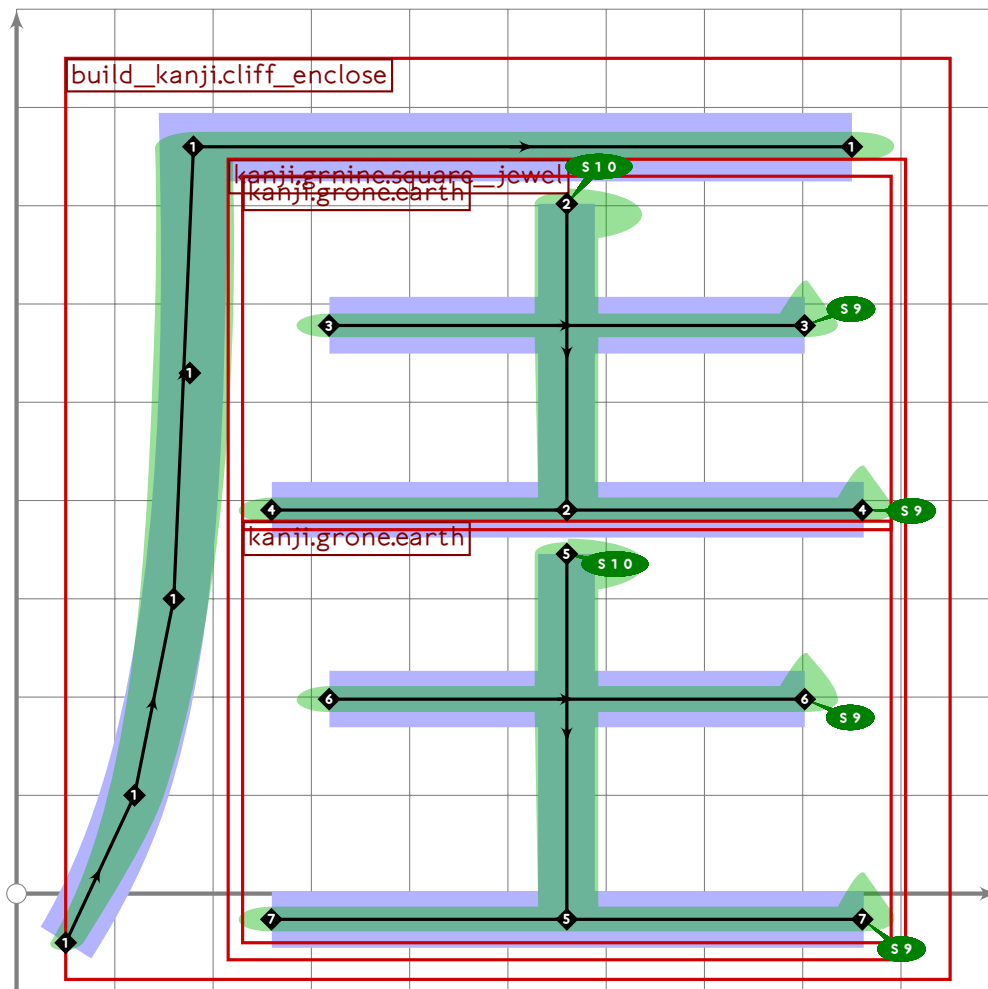
U+538F  
tsuku.uni538F



```

284 % extra
285 begintsuglyph("uni538F",143);
286   build_kanji.cliff_enclose(kanji.rare.notwithstanding);
287   tsu_render;
288 endtsuglyph;
289

```



```

290 % extra
291 begintsuglyph("uni5393";147);
292   build_kanji.cliff_enclose(kanji.grnine.square__jewel);
293   tsu_render;
294 endtsuglyph;
295
296 % kou/atsu "thick"
297 begintsuglyph("uni539A";154);
298   kanji.grfive.thick;
299   tsu_render;
300 endtsuglyph;
301
302 % gen/hara "field"
303 begintsuglyph("uni539F";159);
304   kanji.grtwo.field;
305   tsu_render;
306 endtsuglyph;
307
308 % "mu radical"
309 begintsuglyph("uni53B6";182);
310   kanji.radical.mu;

```

[see page 2202]

[see page 522]

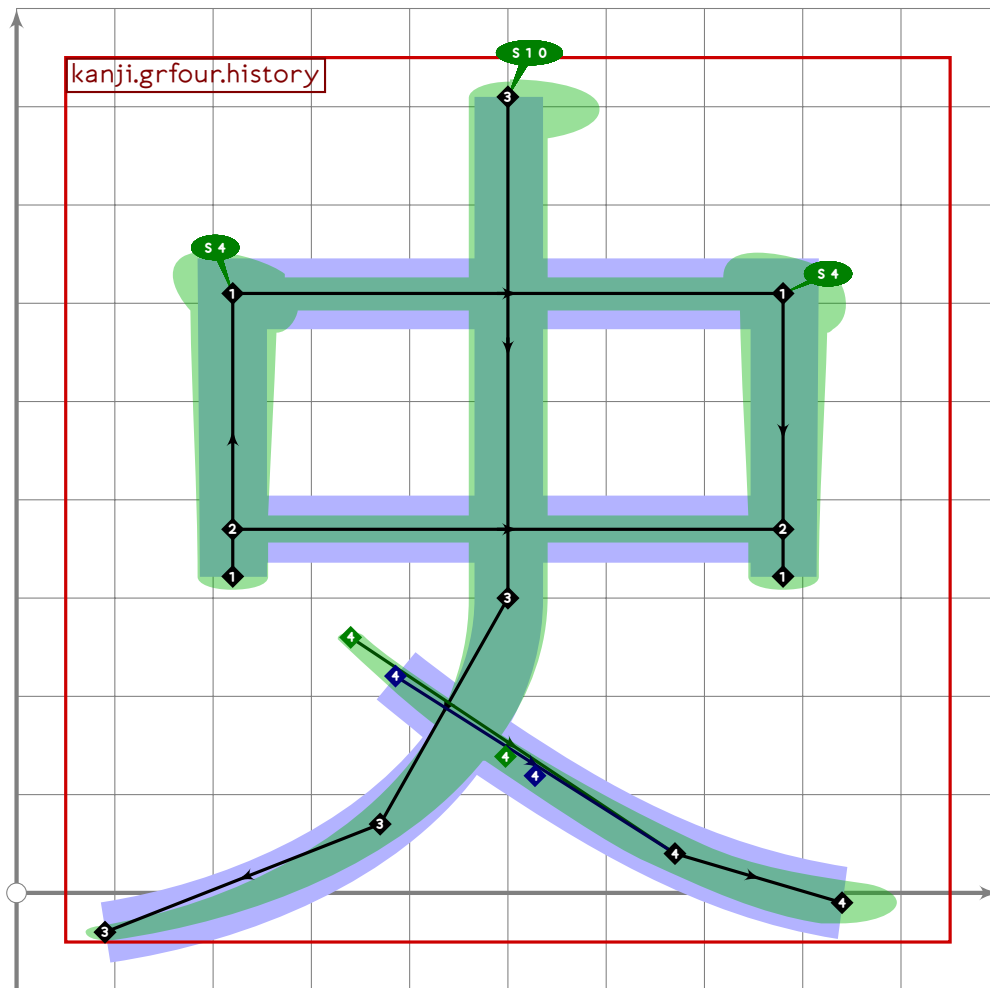
[see page 879]

311 tsu\_render;  
 312 endtsuglyph;  
 313  
 314 % kyo/sa "go away"  
 315 begintsuglyph("uni53BB";187); [see page 635]  
 316 kanji.grthree.go\_away;  
 317 tsu\_render;  
 318 endtsuglyph;  
 319  
 320 % san/mai multiple meanings including "participate"  
 321 begintsuglyph("uni53C2";194); [see page 737]  
 322 kanji.grfour.participate;  
 323 tsu\_render;  
 324 endtsuglyph;  
 325  
 326 % yuu/mata "on the other hand"  
 327 begintsuglyph("uni53C8";200); [see page 962]  
 328 kanji.greight.otoh;  
 329 tsu\_render;  
 330 endtsuglyph;  
 331  
 332 % kyuu/oyo "reach"  
 333 begintsuglyph("uni53CA";202); [see page 967]  
 334 kanji.greight.reach;  
 335 tsu\_render;  
 336 endtsuglyph;  
 337  
 338 % yuu/tomo "friend"  
 339 begintsuglyph("uni53CB";203); [see page 524]  
 340 kanji.grtwo.friend;  
 341 tsu\_render;  
 342 endtsuglyph;  
 343  
 344 % han/so "anti"  
 345 begintsuglyph("uni53CD";205); [see page 601]  
 346 kanji.grthree.anti;  
 347 tsu\_render;  
 348 endtsuglyph;  
 349  
 350 % shu/tori "take"  
 351 begintsuglyph("uni53D6";214); [see page 674]  
 352 kanji.grthree.take;  
 353 tsu\_render;  
 354 endtsuglyph;  
 355  
 356 % shu/u "accept"  
 357 begintsuglyph("uni53D7";215); [see page 600]  
 358 kanji.grthree.accept;

359   tsu\_render;  
 360 endtsuglyph;  
 361  
 362 % kou/kuchi "mouth"  
 363 begintsuglyph("uni53E3";227); [see page 459]  
 364   kanji.grone.mouth;  
 365   tsu\_render;  
 366 endtsuglyph;  
 367  
 368 % ko/furo "old"  
 369 begintsuglyph("uni53E4";228); [see page 560]  
 370   kanji.grtwo.old;  
 371   tsu\_render;  
 372 endtsuglyph;  
 373  
 374 % ku "phrase"  
 375 begintsuglyph("uni53E5";229); [see page 796]  
 376   kanji.grfive.phrase;  
 377   tsu\_render;  
 378 endtsuglyph;  
 379  
 380 % kou/tata "smash"  
 381 begintsuglyph("uni53E9";233); [see page 1092]  
 382   kanji.rare.smash;  
 383   tsu\_render;  
 384 endtsuglyph;  
 385  
 386 % tada "only"  
 387 begintsuglyph("uni53EA";234); [see page 1014]  
 388   kanji.grnine.only;  
 389   tsu\_render;  
 390 endtsuglyph;  
 391  
 392 % shou/me "call"  
 393 begintsuglyph("uni53EC";236); [see page 925]  
 394   kanji.greight.call;  
 395   tsu\_render;  
 396 endtsuglyph;  
 397  
 398 % ka/be "passable"  
 399 begintsuglyph("uni53EF";239); [see page 795]  
 400   kanji.grfive.passable;  
 401   tsu\_render;  
 402 endtsuglyph;  
 403  
 404 % tai/utana "pedestal"  
 405 begintsuglyph("uni53F0";240); [see page 564]  
 406   kanji.grtwo.pedestal;

U+53F2  
tsuku.uni53F2

```
407 tsu_render;
408 endtsuglyph;
409
```

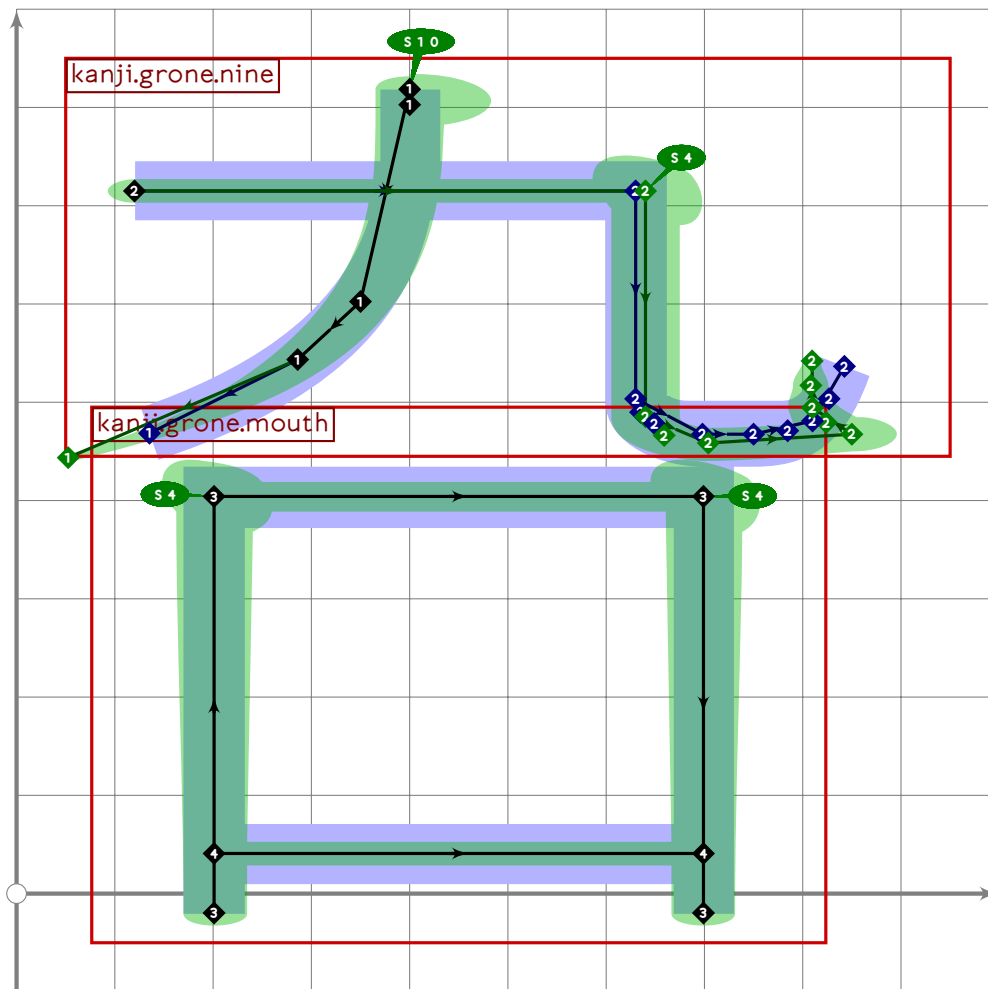


53

```
410 % shi "history"
411 begintsuglyph("uni53F2";242);
412 kanji.grfour.history;
413 tsu_render;
414 endtsuglyph;
415
416 % migi "right"
417 begintsuglyph("uni53F3";243);
418 kanji.grone.right;
419 tsu_render;
420 endtsuglyph;
421
```

[see page 471]





```

422 % extra
423 begintsuglyph("uni53F4";244);
424   build_kanji.tb(470,50)
425     (kanji.grone.nine)
426     (build_kanji.sscale(xscaled 0.83 shifted (-50,0))
427       (kanji.grone.mouth));
428   tsu_render;
429 endtsuglyph;
430
431 % gou/sake "number"
432 begintsuglyph("uni53F7";247);
433   kanji.grthree.number;
434   tsu_render;
435 endtsuglyph;
436
437 % shi/tsukasado "director" or "official (person)"
438 begintsuglyph("uni53F8";248);
439   kanji.grfour.director;
440   tsu_render;
441 endtsuglyph;
442

```

[see page 656]

[see page 700]

```
443 

---


444
445 endfont;
446
447 

---


```

# tsuku-54.mp

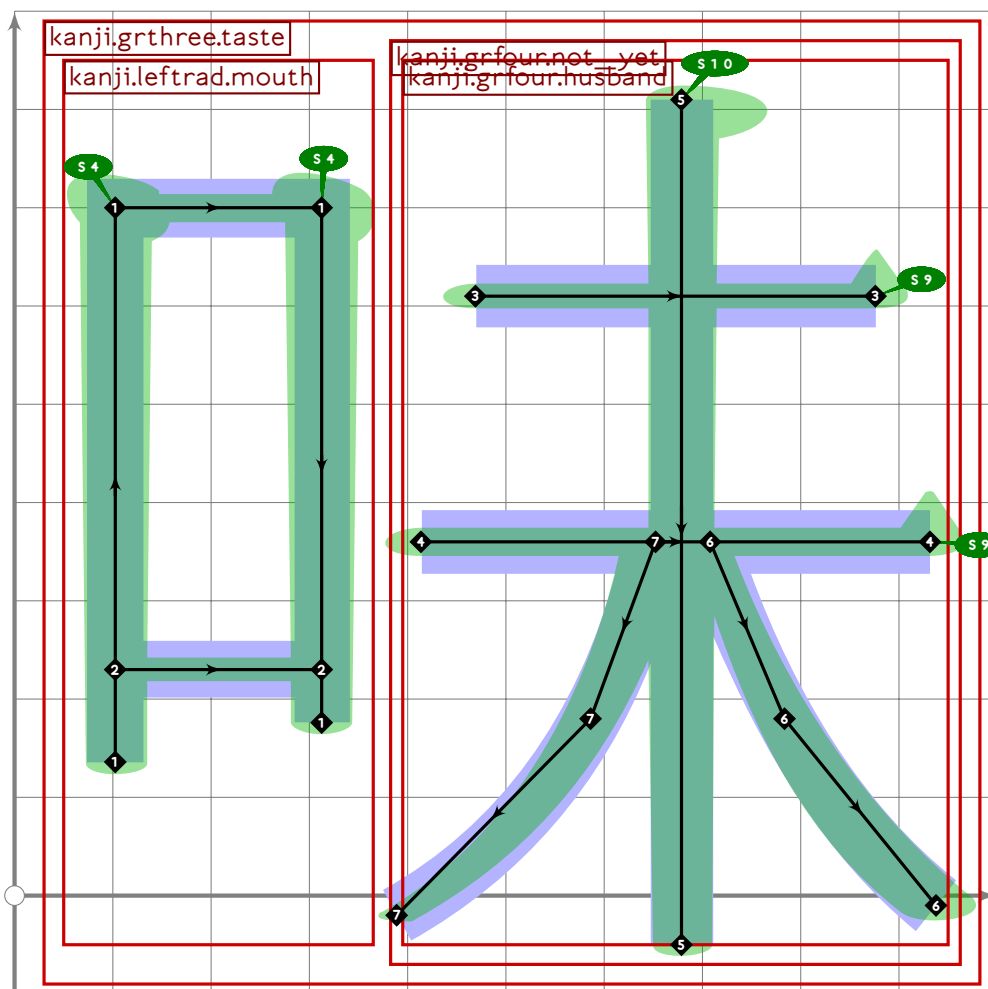
```
1 %
2 % Unicode page 54 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2019 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

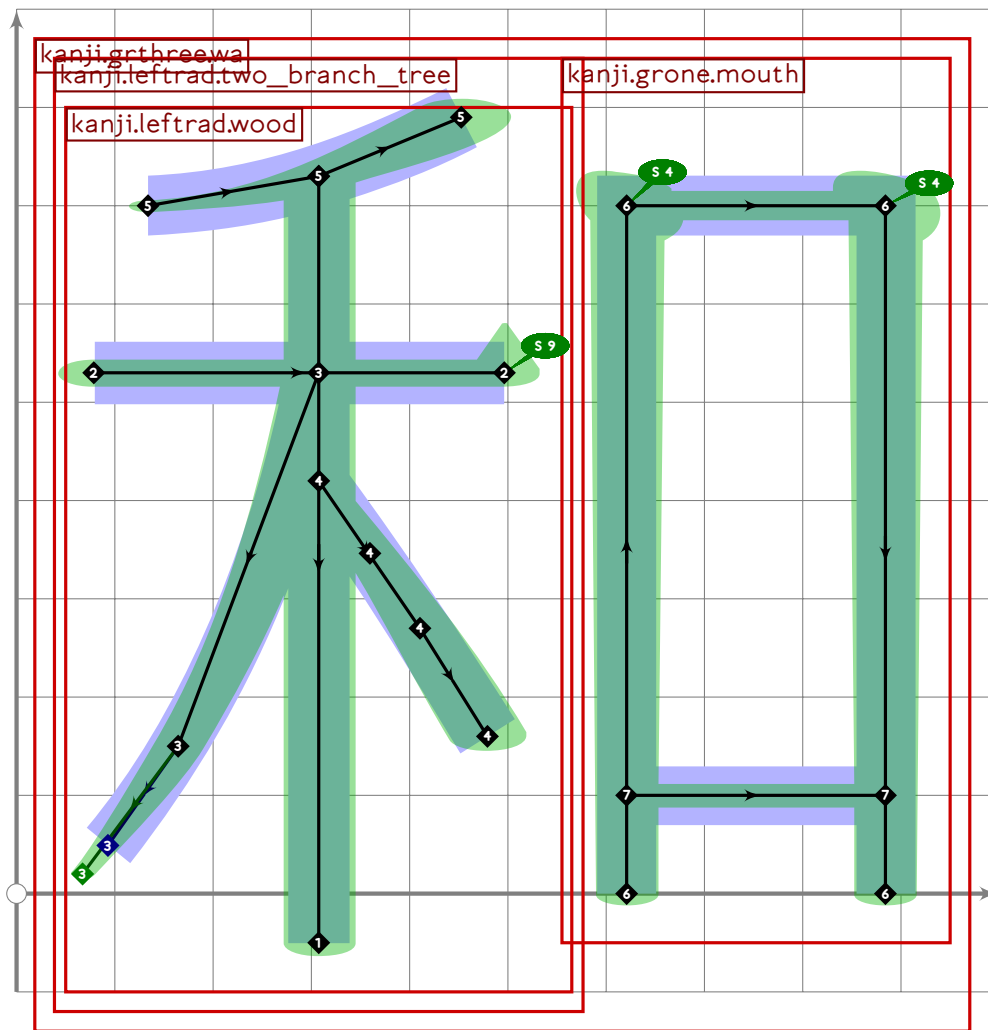

```



```

53
54 vardef kanji.grthree.taste =
55   push_pbox_toexpand("kanji.grthree.taste");
56   build_kanji.lr(380,30)
57     (kanji.leftrad.mouth)
58     (kanji.grfour.not_yet);
59   expand_pbox;
60 enddef;

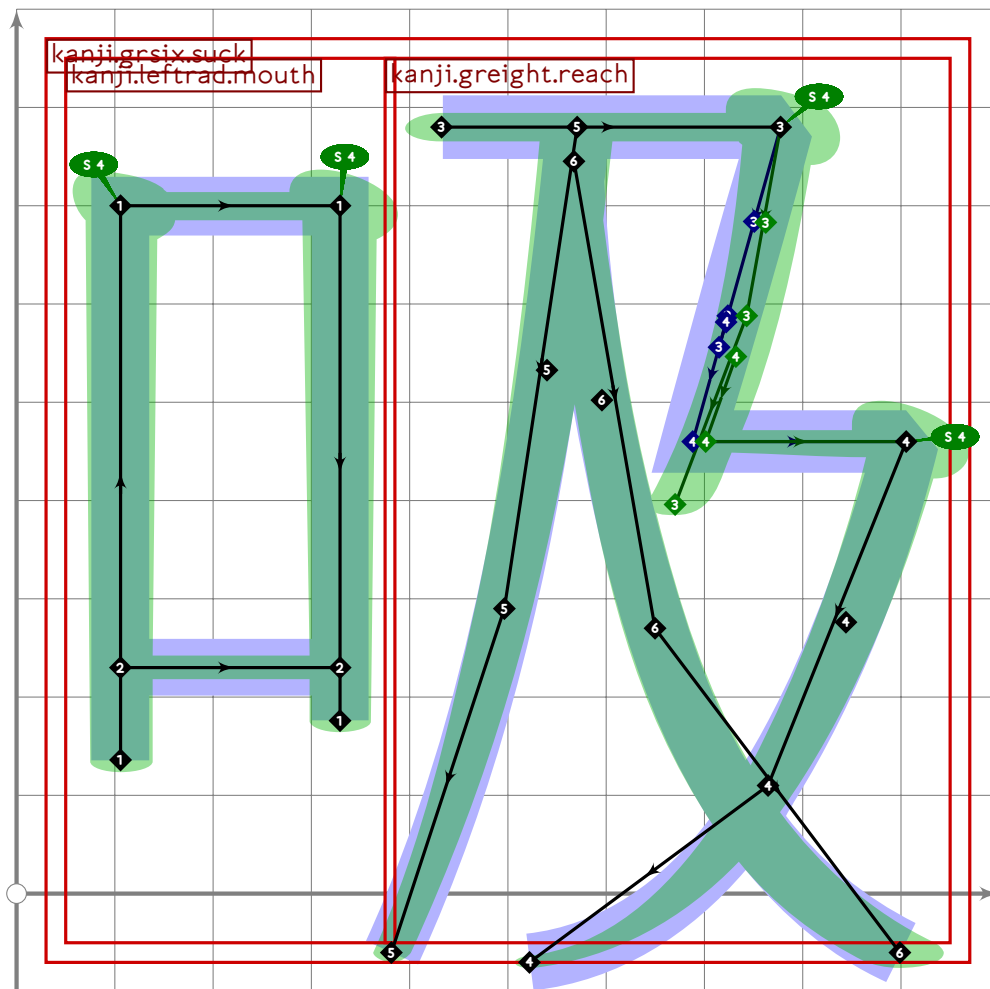
```



```

61
62 vardef kanji.grthreewa =
63   push_pbox_toexpand("kanji.grthreewa");
64   build_kanji.lr(560,10)
65     (kanji.leftrad.two_branch_tree)
66     (kanji.grone.mouth);
67   expand_pbox;
68 enddef;
69
70

```



```

71
72 vardef kanji.grsix.suck =
73   push_pbox_toexpand("kanji.grsix.suck");
74   build_kanji.lr(380,10)
75     (kanji.leftrad.mouth)
76     (kanji.greight.reach);
77   expand_pbox;
78 enddef;
79
80
81
82 % kaku/onoono "every"
83 beginsuglyph("uni5404"4);
84 kanji.grfour.every;
85 tsu_render;
86 endtsuglyph;
87
88 % gou/a "meet"
89 beginsuglyph("uni5408"8);
90 kanji.grtwo.join;
91 tsu_render;

```

[see page 706]

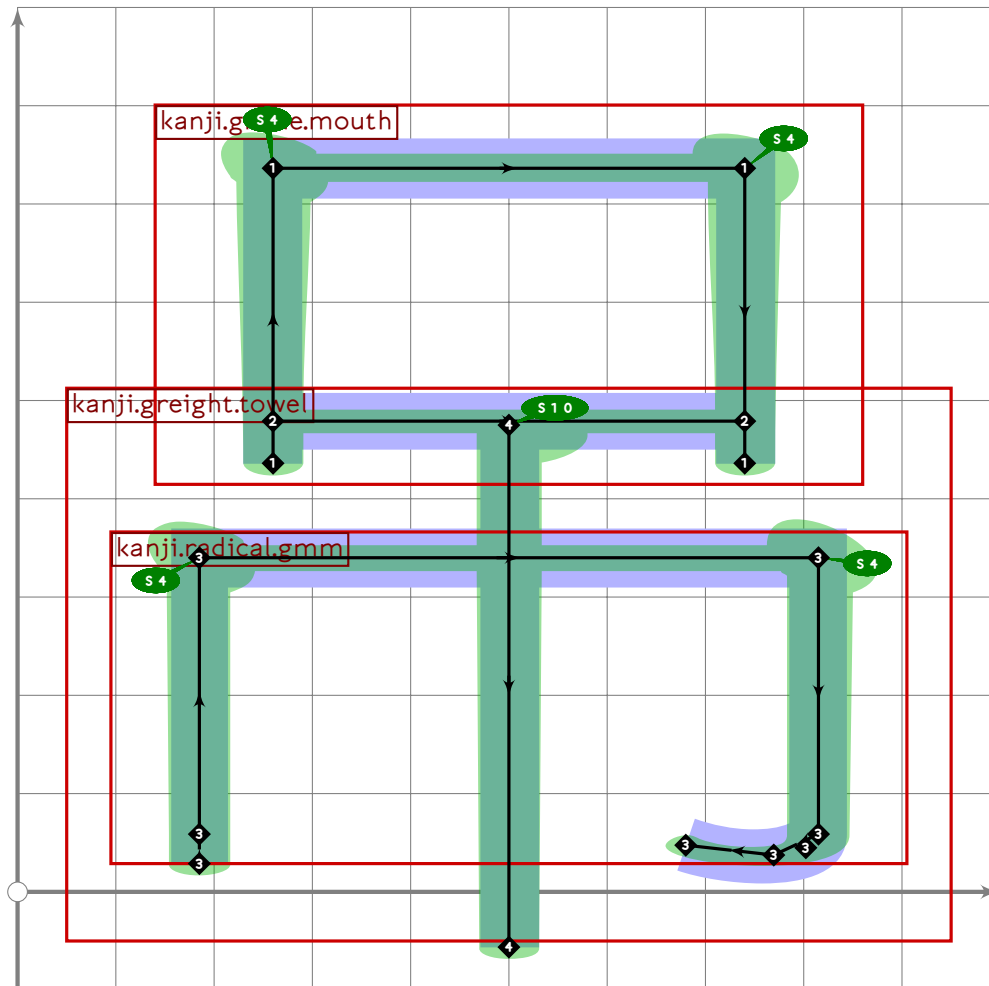
[see page 538]

```

92 endtsuglyph;
93
94 % kichi/yoshi "good luck"
95 begintsuglyph("uni5409";9);
96   kanji.greight.good_luck;
97   tsu_render;
98 endtsuglyph;
99

```

[see page 944]



```

100 % extra chou/tsu "hanging"
101 begintsuglyph("uni540A";10);
102   build_kanji.level(build_kanji.tb(440,145)
103     (build_kanji.sscale(scaled 0.8)(kanji.grone.mouth))
104     (kanji.greight.towel));
105   tsu_render;
106 endtsuglyph;
107
108 % dou/onaji "the same"
109 begintsuglyph("uni540C";12);
110   kanji.grtwo.same;
111   tsu_render;
112 endtsuglyph;

```

[see page 569]

113  
 114 % na "name"  
 115 begintsuglyph("uni540D";13); [see page 460]  
 116 kanji.grone.name;  
 117 tsu\_render;  
 118 endtsuglyph;  
 119  
 120 % ri "officer"  
 121 begintsuglyph("uni540F";15); [see page 961]  
 122 kanji.greight.officer;  
 123 tsu\_render;  
 124 endtsuglyph;  
 125  
 126 % kou/mu "facing"  
 127 begintsuglyph("uni5411";17); [see page 630]  
 128 kanji.grthree.facing;  
 129 tsu\_render;  
 130 endtsuglyph;  
 131  
 132 % kun/kimi "pronoun or honorific for a subordinate"  
 133 begintsuglyph("uni541B";27); [see page 647]  
 134 kanji.grthree.junior;  
 135 tsu\_render;  
 136 endtsuglyph;  
 137  
 138 % hi/ina "negation" or "the noes"  
 139 begintsuglyph("uni5426";38); [see page 830]  
 140 kanji.grsix.noes;  
 141 tsu\_render;  
 142 endtsuglyph;  
 143  
 144 % kyu/su "suck"  
 145 begintsuglyph("uni5438";56); [see page 2220]  
 146 kanji.grsix.suck;  
 147 tsu\_render;  
 148 endtsuglyph;  
 149  
 150 % go/ware "my, mine"  
 151 begintsuglyph("uni543E";62); [see page 1012]  
 152 kanji.grnine.my;  
 153 tsu\_render;  
 154 endtsuglyph;  
 155  
 156 % ryo "spine"  
 157 begintsuglyph("uni5442";66); [see page 973]  
 158 kanji.greight.spine;  
 159 tsu\_render;  
 160 endtsuglyph;

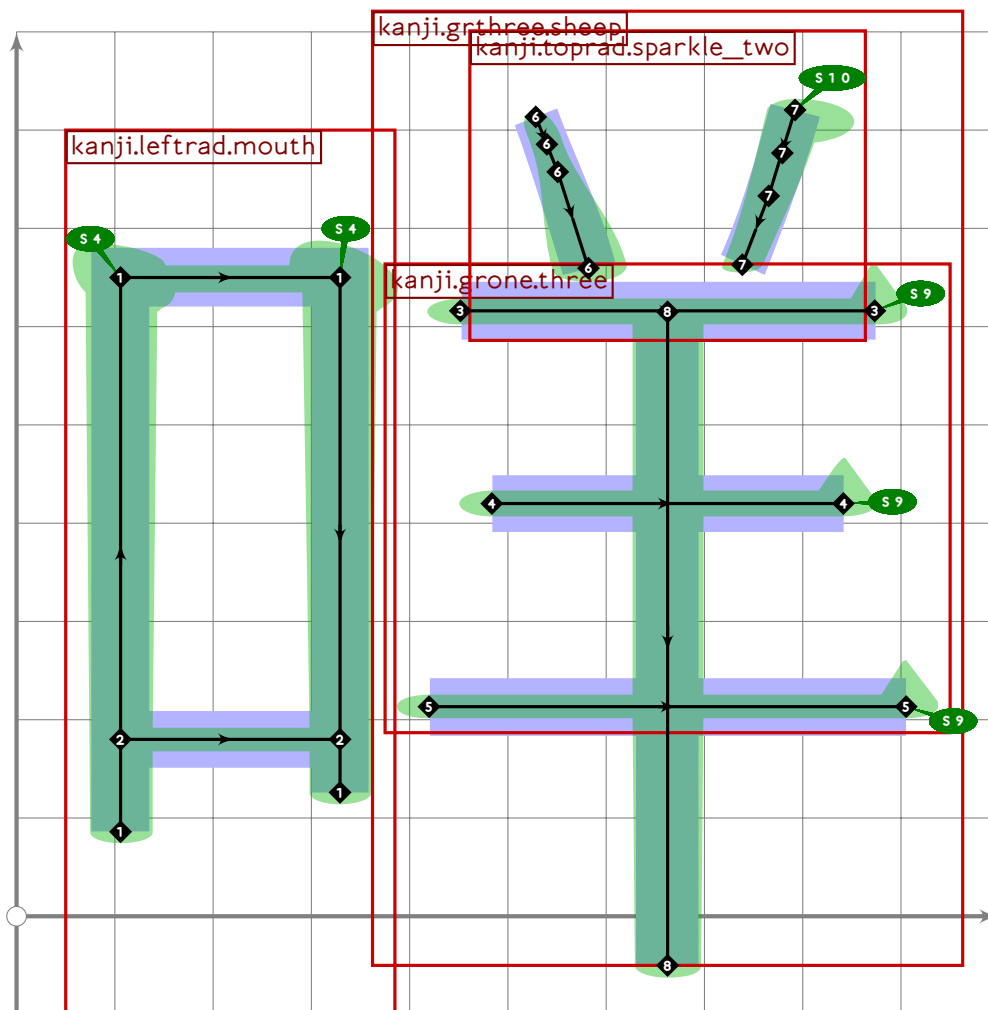


161  
 162 % bou/boke "befuddled" (funny man in a Kansai comedy duo)  
 163 begintsuglyph("uni5446";70); [see page 1038]  
 164 kanji.rare.befuddled;  
 165 tsu\_\_render;  
 166 endtsuglyph;  
 167  
 168 % koku "revelation"  
 169 begintsuglyph("uni544A";74); [see page 746]  
 170 kanji.grfour.revelation;  
 171 tsu\_\_render;  
 172 endtsuglyph;  
 173  
 174 % tei "exhibit"  
 175 begintsuglyph("uni544E";78); [see page 938]  
 176 kanji.greight.exhibit;  
 177 tsu\_\_render;  
 178 endtsuglyph;  
 179  
 180 % ton/no "drink" (rare form used as part of other things)  
 181 begintsuglyph("uni5451";81); [see page 1056]  
 182 kanji.rare.drink;  
 183 tsu\_\_render;  
 184 endtsuglyph;  
 185  
 186 % shuu/mawa "circuit"  
 187 begintsuglyph("uni5468";104); [see page 694]  
 188 kanji.grfour.circuit;  
 189 tsu\_\_render;  
 190 endtsuglyph;  
 191  
 192 % mi/aji "taste"  
 193 begintsuglyph("uni5473";115); [see page 2218]  
 194 kanji.grthree.taste;  
 195 tsu\_\_render;  
 196 endtsuglyph;  
 197  
 198 % mei/inochi "decree"  
 199 begintsuglyph("uni547D";125); [see page 624]  
 200 kanji.grthree.decree;  
 201 tsu\_\_render;  
 202 endtsuglyph;  
 203  
 204 % wa/yawa "wa" (supposedly-untranslatable term equated with Japanese spirit)  
 205 begintsuglyph("uni548C";140); [see page 2219]  
 206 kanji.grthree.wa;  
 207 tsu\_\_render;  
 208 endtsuglyph;

U+54A9  
tsuku.uni54A9

```
209
210 % gaku/odoroku "outspokenly"
211 begintsuglyph("uni54A2",162);
212   kanji.rare.outspokenly;
213   tsu_render;
214 endtsuglyph;
215
```

[see page 1083]



```
216 % rare character in the name of Shirayama Hime shrine
217 begintsuglyph("uni54A9",169);
218   build_kanji.lr(380,10)
219     (build_kanji.sscale(shifted (0,50))(kanji.leftrad.mouth))
220     (kanji.grthree.sheep);
221   tsu_render;
222 endtsuglyph;
223
224 % needed for "feeling"
225 begintsuglyph("uni54B8",184);
226   kanji.rare.the_same;
227   tsu_render;
228 endtsuglyph;
```

[see page 1100]

```

229
230 % needed for "pass"
231 begintsuglyph("uni54BC";188); [see page 1048]
232   kanji.rare.crooked_mouth;
233   tsu_render;
234 endtsuglyph;
235
236 % hin.shina "goods"
237 begintsuglyph("uni54C1";193); [see page 636]
238   kanji.grthree.goods;
239   tsu_render;
240 endtsuglyph;
241
242 % in "member"
243 begintsuglyph("uni54E1";225); [see page 652]
244   kanji.grthree.member;
245   tsu_render;
246 endtsuglyph;
247
248 % ka/uta "big brother" (needed for ka/uta "song")
249 begintsuglyph("uni54E5";229); [see page 1039]
250   kanji.rare.big_brother;
251   tsu_render;
252 endtsuglyph;
253
254 _____
255
256 endfont;
257
258 _____

```

# tsuku-55.mp

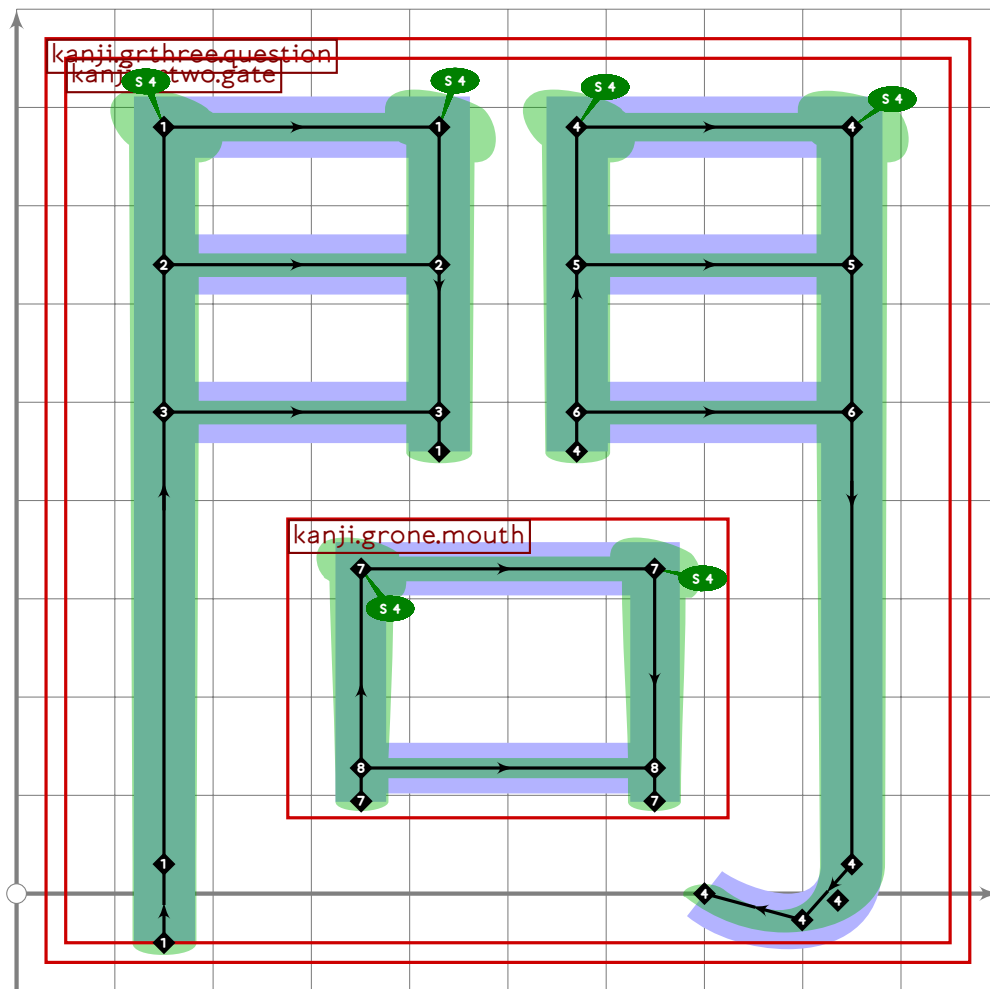
```
1 %
2 % Unicode page 55 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

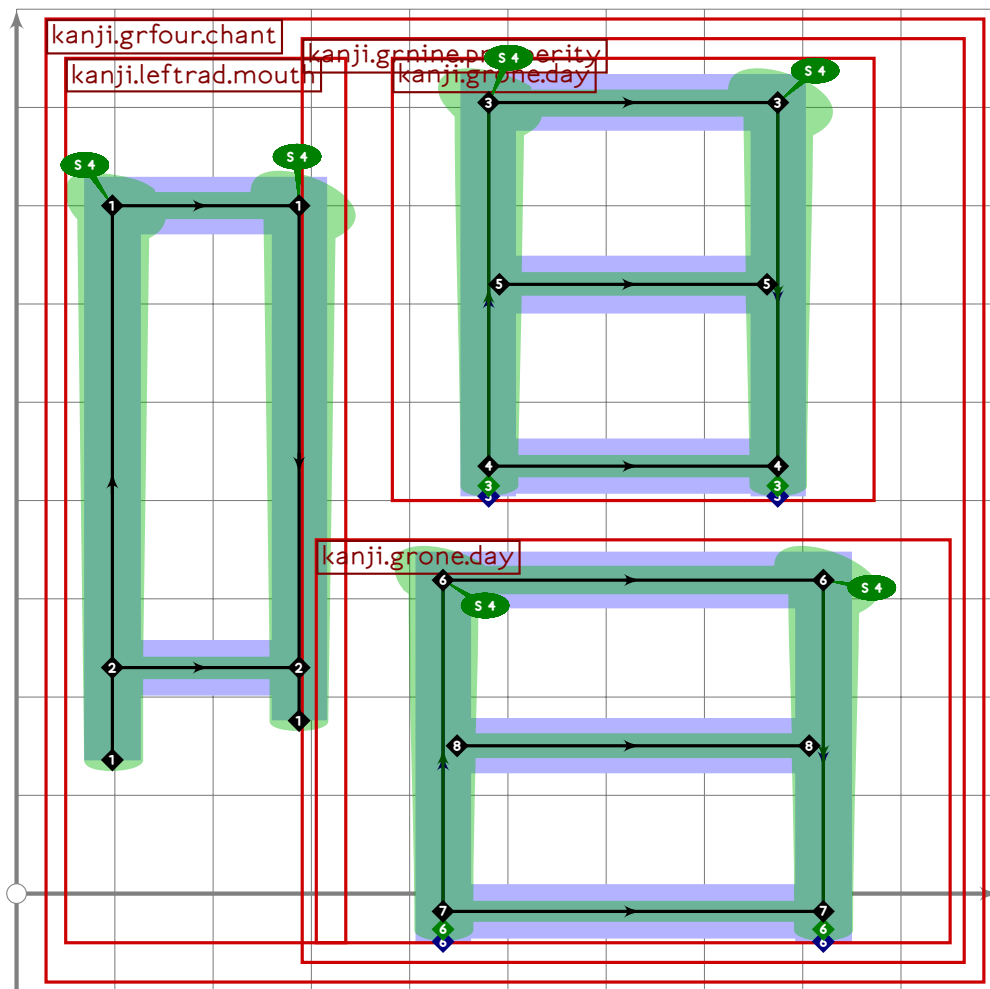

```



```

53
54 vardef kanji.grthree.question =
55   push_pbox__toexpand("kanji.grthree.question");
56   build_kanji.gate_enclose(
57     build_kanji.sscale(scaled 0.8)(kanji.grone.mouth));
58   expand_pbox;
59 enddef;
60
61

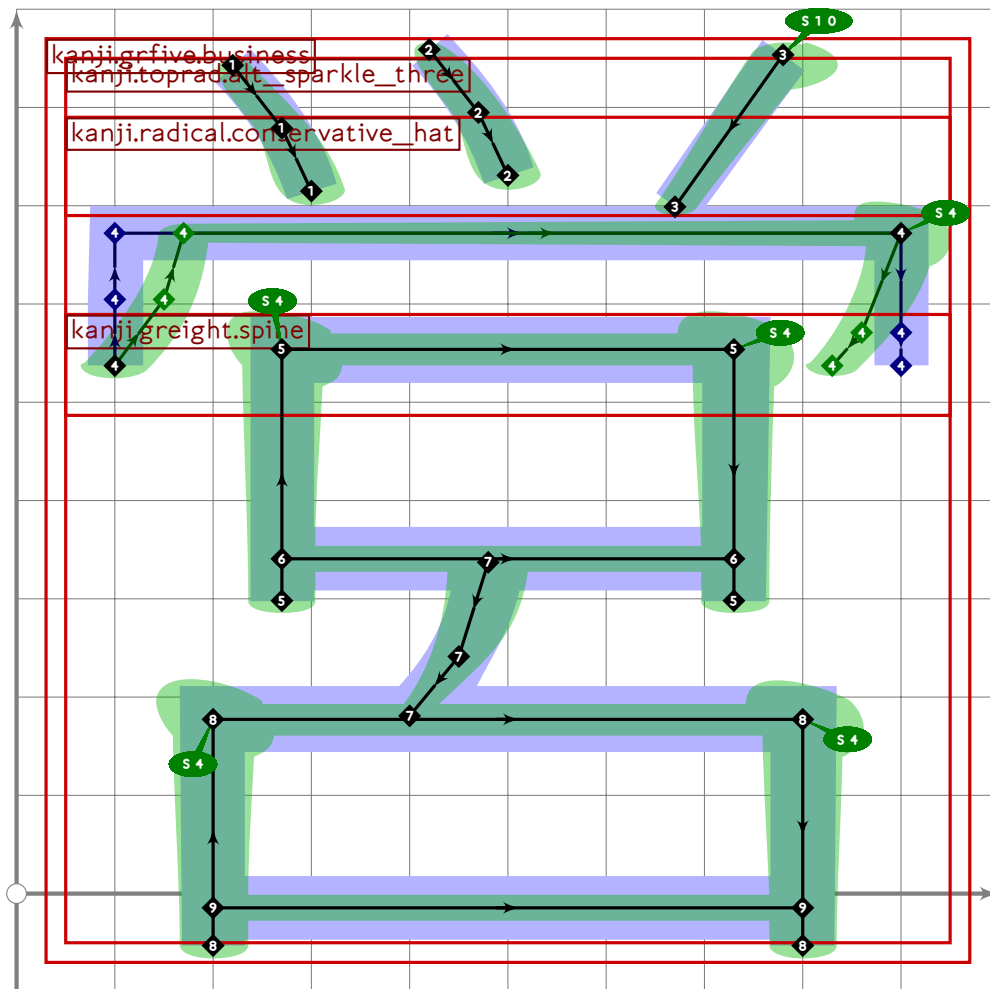
```



```

62
63 vardef kanji.grfour.chant =
64   push_pbox_toexpand("kanji.grfour.chant");
65   build_kanji.lr(320,30)
66     (kanji.leftrad.mouth)
67     (kanji.grnine.prosperity);
68   expand_pbox;
69 enddef;
70
71

```



```

72
73 vardef kanji.grfive.business =
74   push_pbox_toexpand("kanji.grfive.business");
75   build_kanji.tb(740,100)
76     (kanji.toprad.alt_sparkle_three)
77     (build_kanji.tb(580,110)
78       (kanji.radical.conservative_hat)
79       (kanji.greight.spine));
80   expand_pbox;
81 enddef;
82
83
84
85 % shou/tona "chant"
86 begintsuglyph("uni5531";49);
87   kanji.grfour.chant;
88   tsu_render;
89 endtsuglyph;
90
91 % shou/akina "commerce"
92 begintsuglyph("uni5546";70);

```

[see page 2228]

[see page 619]

```

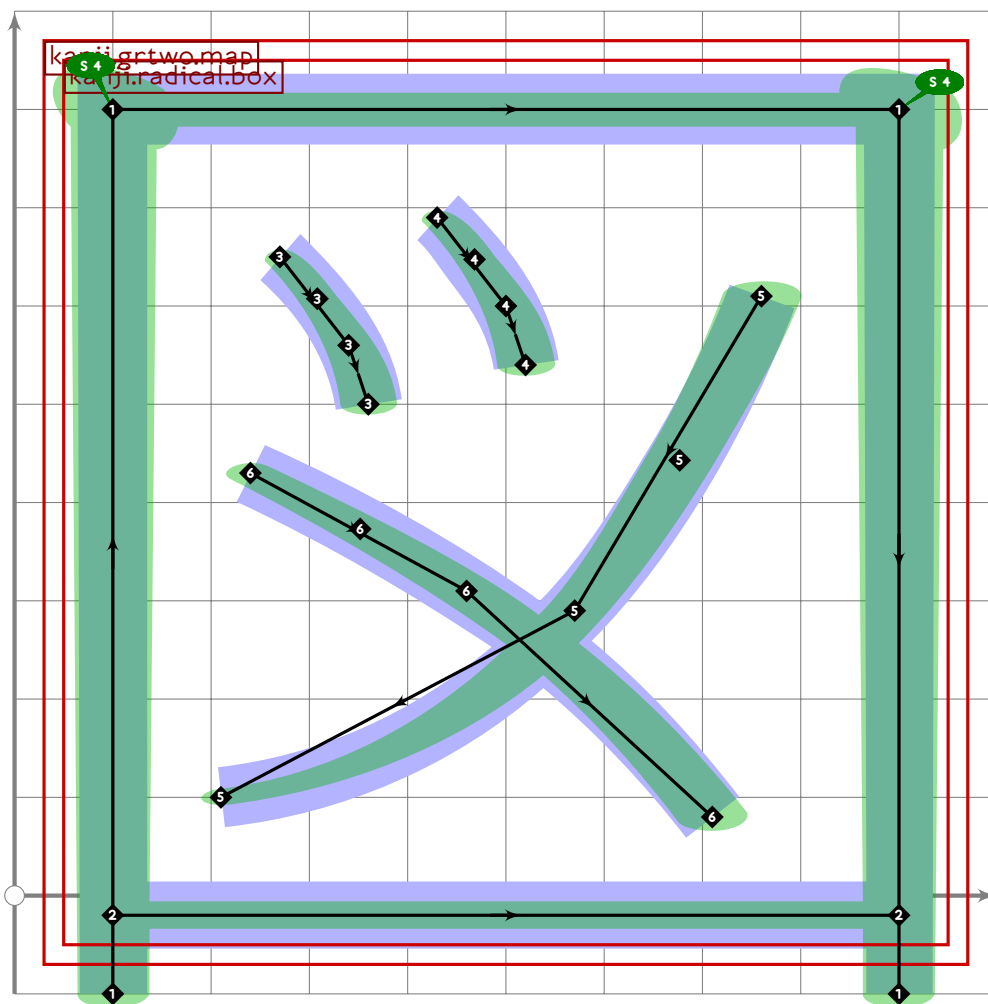
93  kanji.grthree.commerce;
94  tsu_render;
95  endtsuglyph;
96
97  % teki/moto "stalk"
98  begintsuglyph("uni5547";71); [see page 1094]
99  kanji.rare.stalk;
100  tsu_render;
101  endtsuglyph;
102
103  % mon/to "question"
104  begintsuglyph("uni554F";79); [see page 2227]
105  kanji.grthree.question;
106  tsu_render;
107  endtsuglyph;
108
109  % ki/yoroko "pleasure"
110  begintsuglyph("uni559C";156); [see page 741]
111  kanji.grfour.pleasure;
112  tsu_render;
113  endtsuglyph;
114
115  % kyou/taka "boast"
116  begintsuglyph("uni55AC";172); [see page 992]
117  kanji.grnine.boast;
118  tsu_render;
119  endtsuglyph;
120
121  % ei/itona "business"
122  begintsuglyph("uni55B6";182); [see page 2229]
123  kanji.grfive.business;
124  tsu_render;
125  endtsuglyph;
126
127  _____
128
129  endfont;
130
131  _____

```



# tsuku-56.mp

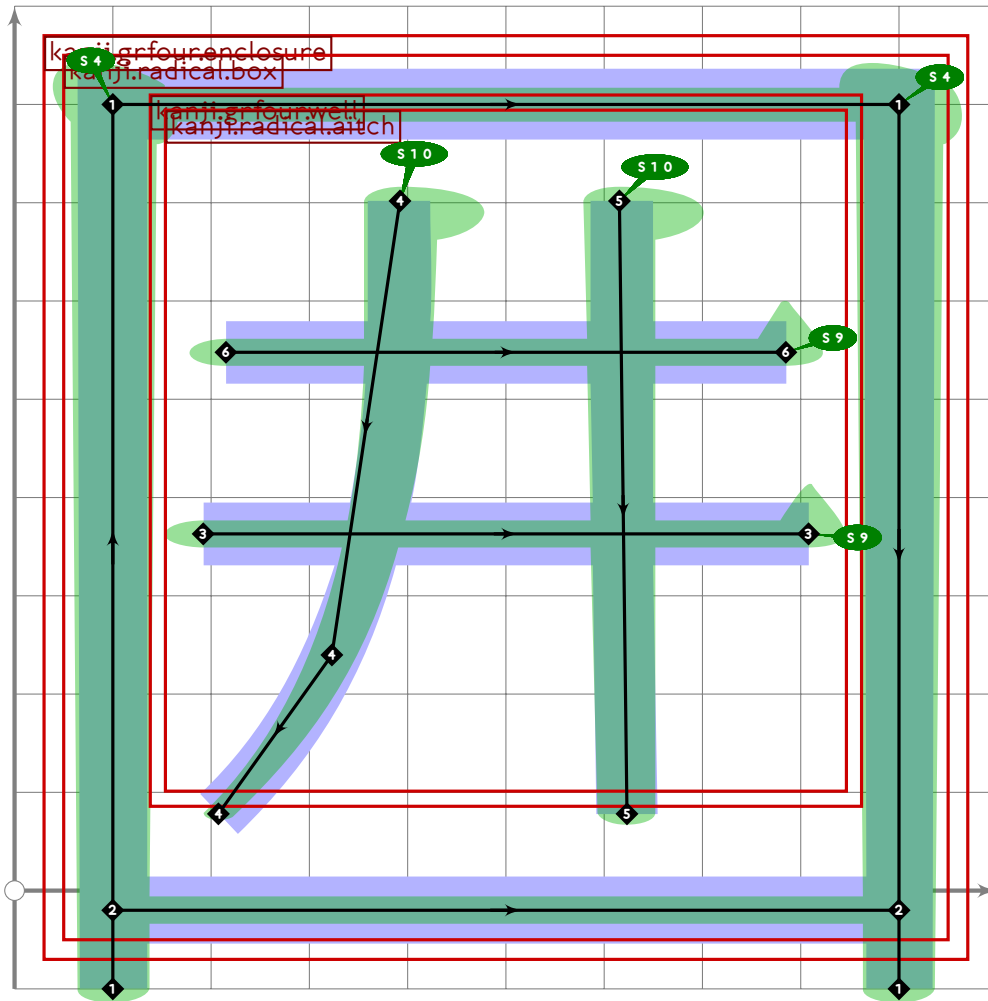
```
1 %
2 % Unicode page 56 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradefive.mp;
38 input gradefour.mp;
39 input gradeone.mp;
40 input gradesix.mp;
41 input gradetwo.mp;
42 input radical.mp;
43
44 do_late_includes;
45
46
```



```

47
48 vardef kanji.grtwo.map =
49   push_pbox_toexpand("kanji.grtwo.map");
50   kanji.radical.box;
51   push_stroke((270,650)..tension 1.2..(340,560)..(360,500),
52     (1,1)-(1.2,1.2)-(1.3,1.3));
53   push_stroke(get_stroke(0) shifted ((430,690)-point 0 of get_stroke(0)),
54     get_stroke(0));
55   push_stroke((760,610)..tension 1.2..(570,290)..(210,100),
56     (1.6,1.6)-(1.4,1.4)-(1.1,1.1));
57   push_stroke((240,430)..tension 1.2..(460,310)..(710,80),
58     (1.2,1.2)-(1.4,1.4)-(1.5,1.5));
59   expand_pbox;
60 enddef;
61
62

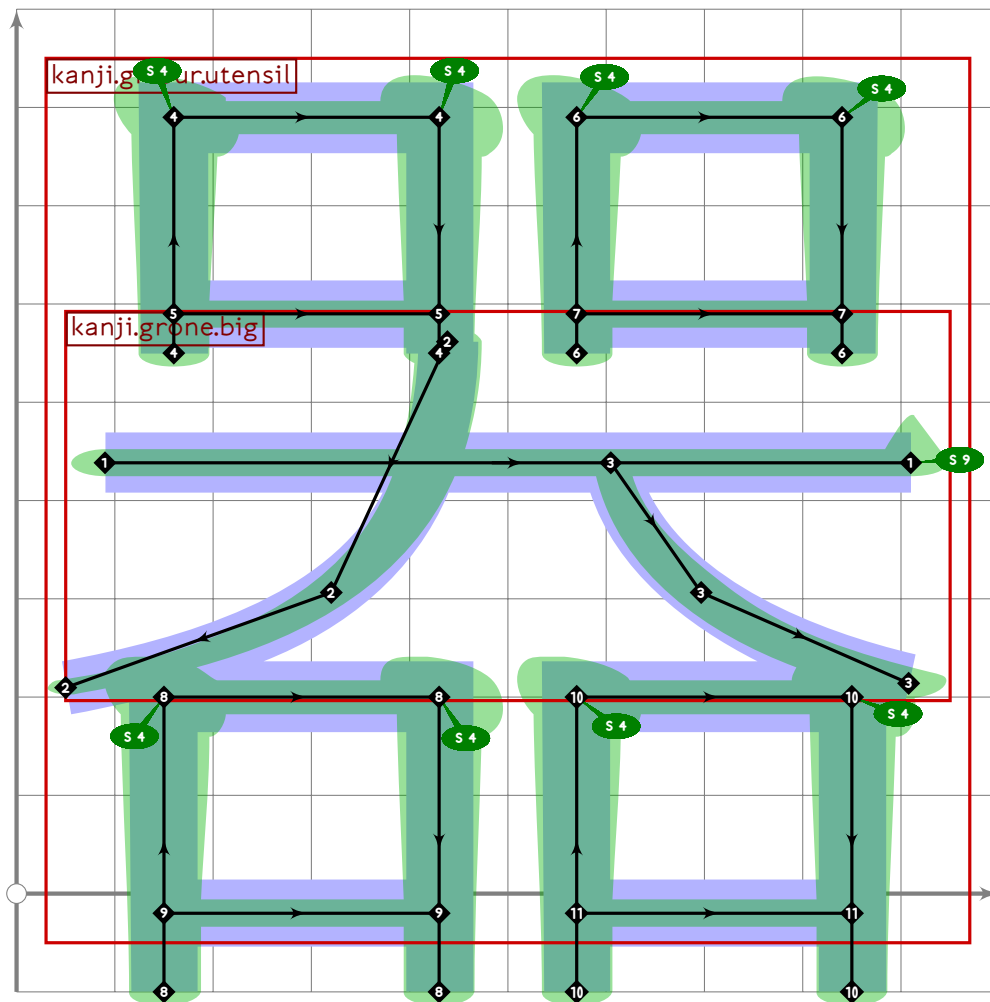
```



```

63
64 vardef kanji.grfour.enclosure =
65   push_pbox_toexpand("kanji.grfour.enclosure");
66   kanji.radical.box;
67   build_kanji.sscale(scaled 0.77 shifted (0,50))(kanji.grfour.well);
68   expand_pbox;
69 enddef;

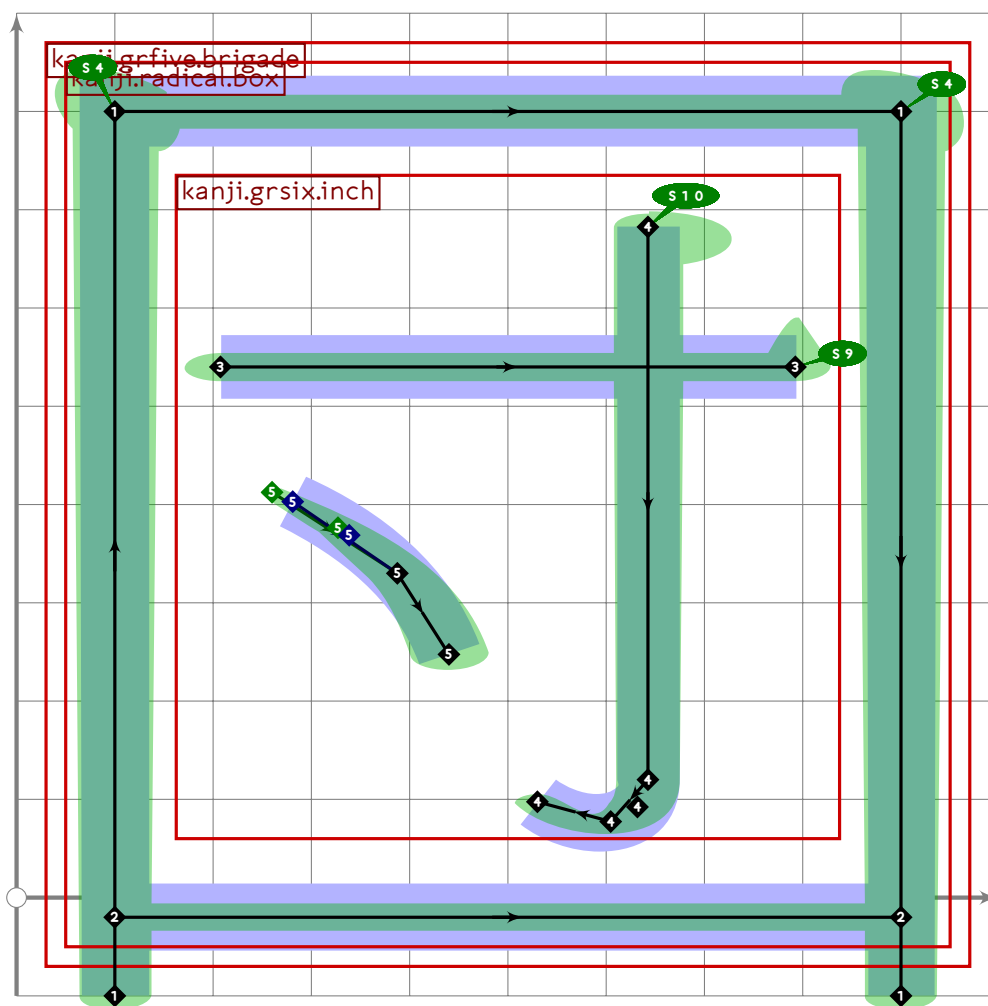
```



```

70
71 vardef kanji.grfour.utensil =
72   push_pbox_toexpand("kanji.grfour.utensil");
73   build_kanji.sscaled(yscaled 0.44)
74     (build_kanji.spread_legs(140)(kanji.grone.big));
75   build_kanji.box((160,790),(430,590));
76   build_kanji.box((570,790),(840,590));
77   build_kanji.box((150,200),(430,-20));
78   build_kanji.box((570,200),(850,-20));
79   expand_pbox;
80 enddef;
81
82

```



```

83
84 vardef kanji.grfive.brigade =
85   push_pbox_toexpand("kanji.grfive.brigade");
86   kanji.radical.box;
87   build_kanji.sscale(scaled 0.75)(kanji.grsix.inch);
88   expand_pbox;
89 enddef;
90
91
92
93 % ki/utsuwa "utensil"
94 begintsuglyph("uni5668";104);
95   kanji.grfour.utensil;
96   tsu_render;
97 endtsuglyph;
98
99 % box radical
100 begintsuglyph("uni56D7";215);
101   kanji.radical.box;
102   tsu_render;
103 endtsuglyph;

```

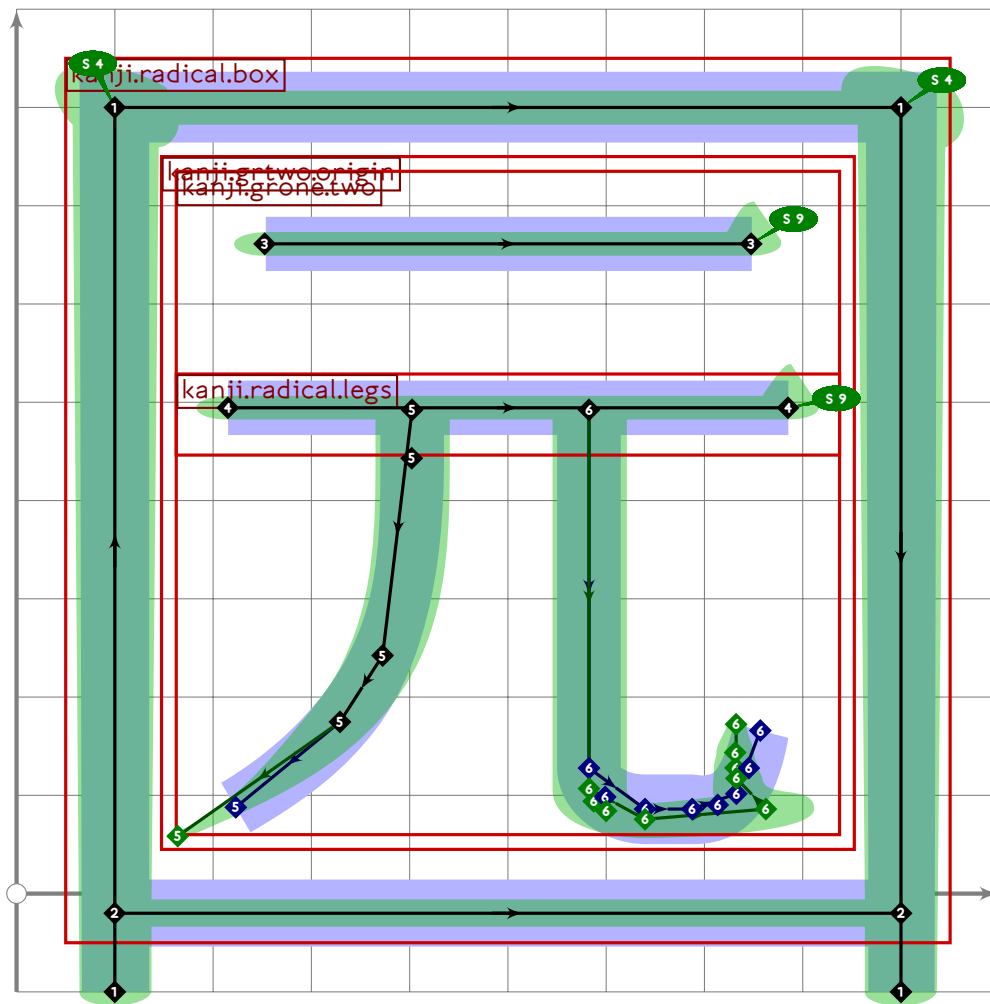
[see page 2234]

[see page 862]

```

104
105 % shi/yon "four"
106 begintsuglyph("uni56DB";219); [see page 444]
107   kanji.grone.four;
108   tsu_render;
109 endtsuglyph;
110
111 % kai "counter for occurrences"
112 begintsuglyph("uni56DE";222); [see page 559]
113   kanji.grtwo.occurrences;
114   tsu_render;
115 endtsuglyph;
116
117 % in/yo "cause"
118 begintsuglyph("uni56E0";224); [see page 769]
119   kanji.grfive.cause;
120   tsu_render;
121 endtsuglyph;
122
123 % dan/katamari "group or association" (as in SOS Brigade)
124 begintsuglyph("uni56E3";227); [see page 2235]
125   kanji.grfive.brigade;
126   tsu_render;
127 endtsuglyph;
128

```



```

129 % extra
130 begintsuglyph("uni56ED";237);
131   kanji.radical.box;
132   build_kanji.scale(scaled 0.75)(kanji.grtwo.origin);
133   tsu_render;
134 endtsuglyph;
135
136 % koma "bothered"
137 begintsuglyph("uni56F0";240);
138   kanji.grsix.bothered;
139   tsu_render;
140 endtsuglyph;
141
142 % i/kako "enclosure"
143 begintsuglyph("uni56F2";242);
144   kanji.grfour.enclosure;
145   tsu_render;
146 endtsuglyph;
147
148 % zu/haka "map"
149 begintsuglyph("uni56F3";243);

```

[see page 820]

[see page 2233]

[see page 2232]

```

150   kanji.grtwo.map;
151   tsu_render;
152 endtsuglyph;
153
154 % ko/kata "hard"
155 begintsuglyph("uni56FA";250); [see page 722]
156   kanji.grfour.hard;
157   tsu_render;
158 endtsuglyph;
159
160 % koku/kuni "country"
161 begintsuglyph("uni56FD";253); [see page 509]
162   kanji.grtwo.country;
163   tsu_render;
164 endtsuglyph;
165
166 _____
167
168 endfont;
169
170 _____

```