

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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2021年7月1日 July 1, 2021

Proofs and pretty-printed source code for Tsukurimashou
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Volume II

Shared kyouiku kanji

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ONE

gradetwo.mp

TWO

gradethree.mp

THRE

gradefour.mp

FOUR

gradefive.mp

FIVE

gradesix.mp

SIX

gradeone.mp

ONE

```

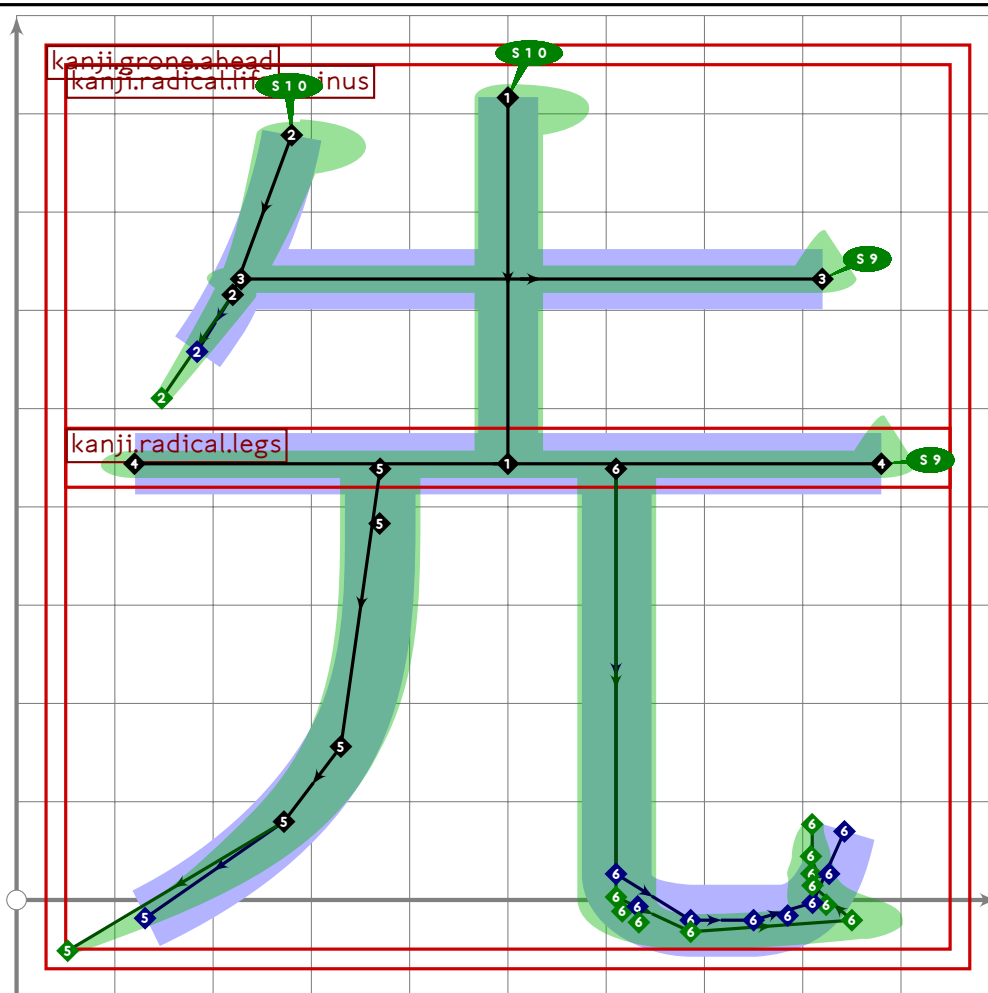
1 %
2 % Grade One kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2016, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]

```

```

30
31 inclusion_lock(gradeone);
32
33

```

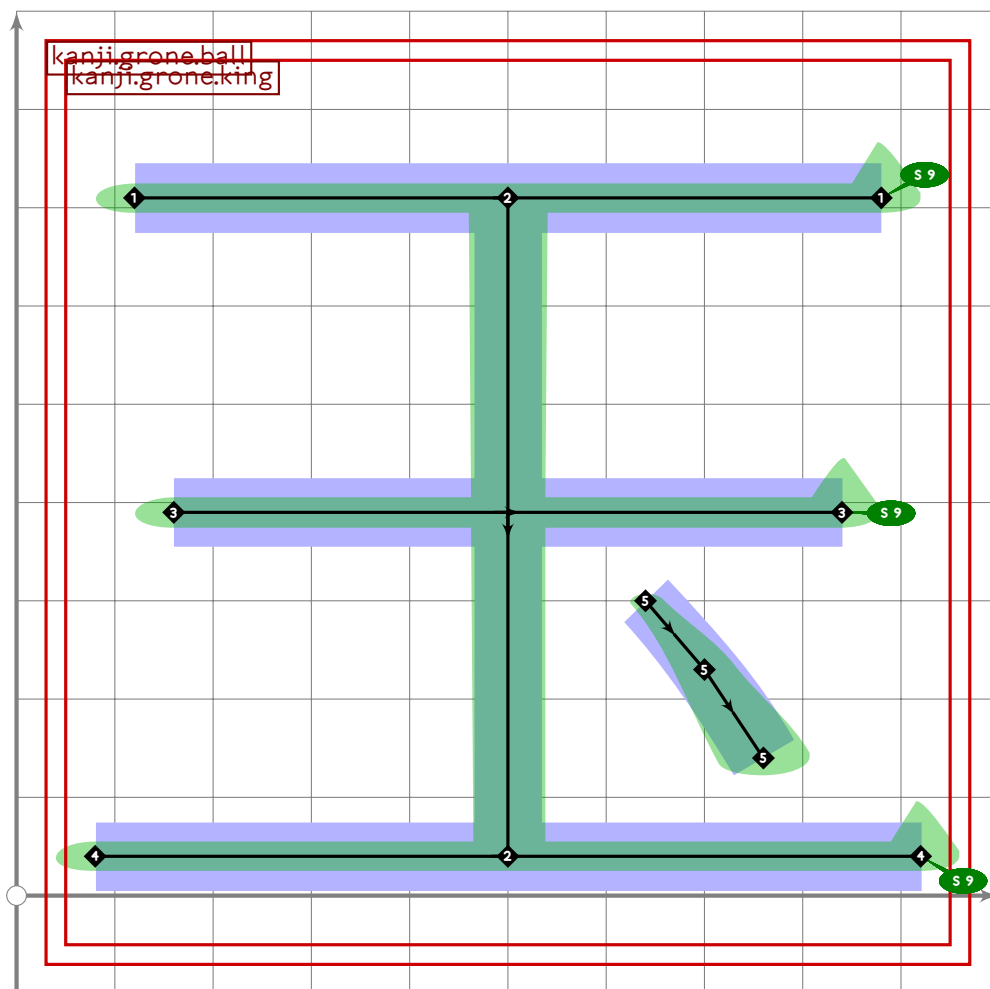


```

34
35 vardef kanji.grone.ahead =
36   push_pbox_toexpand("kanji.grone.ahead");
37   build_kanji.tb(450,60)
38     (kanji.radical.life_minus)
39     (kanji.radical.legs);
40   expand_pbox;
41 enddef;

```

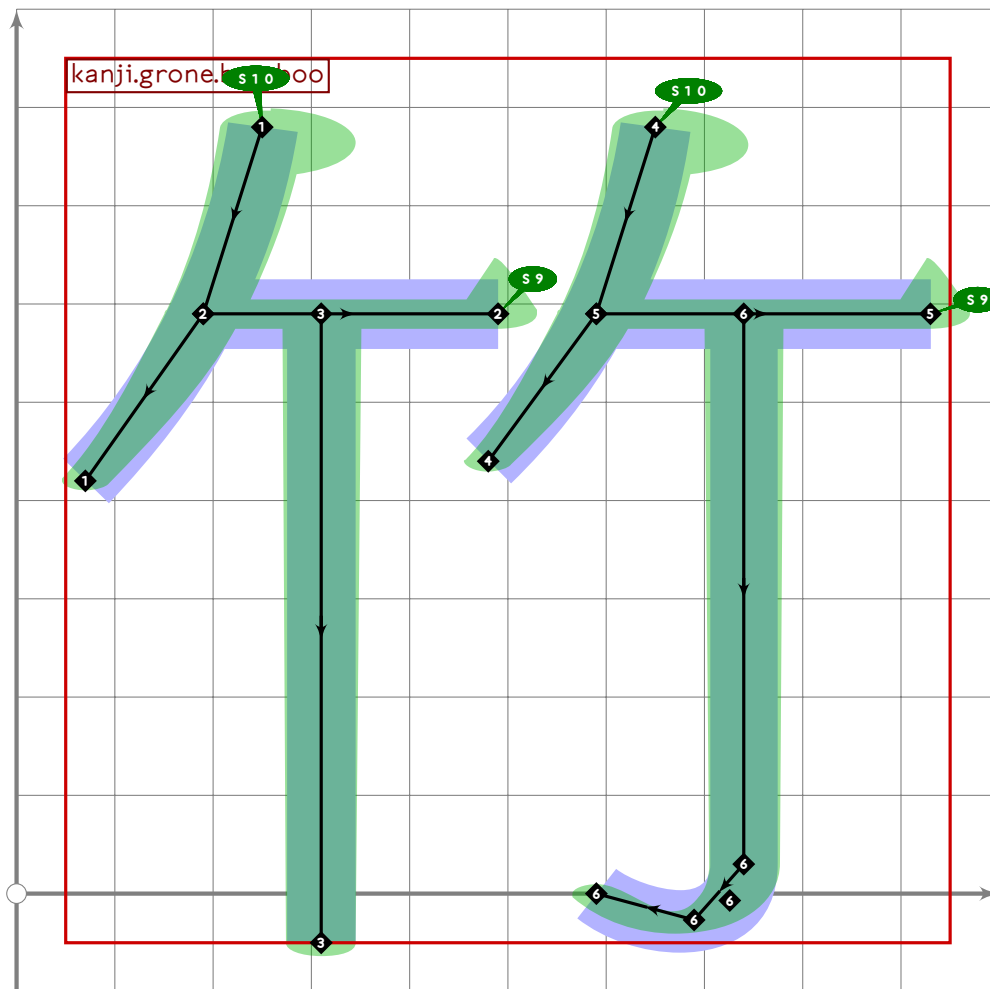
ONE



```

42
43 vardef kanji.grone.ball =
44   push_pbox_toexpand("kanji.grone.ball");
45   kanji.grone.king:
46   push_stroke((640,300)..(700,230)..(760,140),
47     (1,1)-(14,14)-(18,18));
48   expand_pbox;
49 enddef;

```

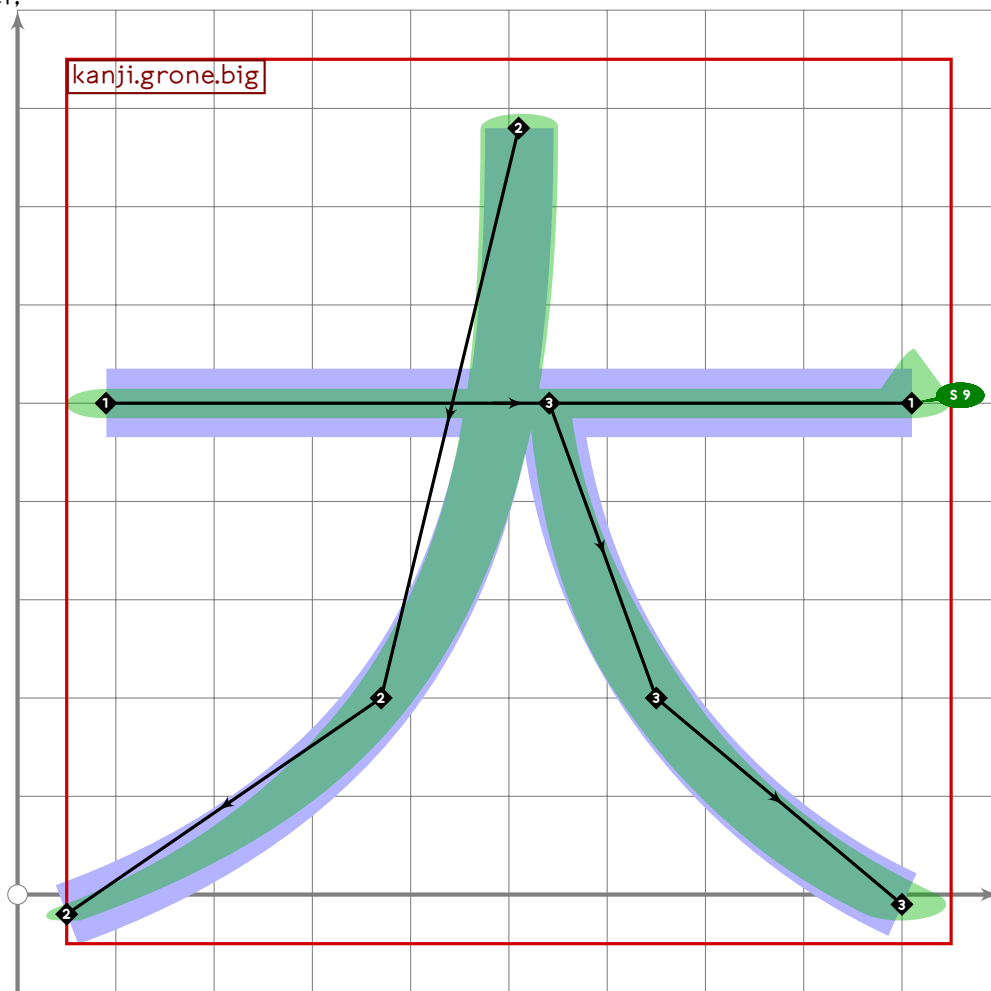
```

50
51 vardef kanji.grone.bamboo =
52   push_pbox_toexpand("kanji.grone.bamboo");
53   push_stroke((250,780)..(190,590)..(70,420),
54     (1.7,1.7)–(1.6,1.6)–(1.2,1.2));
55   set_boserif(0,0,10);
56   push_stroke((190,590)–(490,590),
57     (1.6,1.6)–(1.6,1.6));
58   set_boserif(0,1,9);
59   push_stroke((310,590)–(310,-50),
60     (1.6,1.6)–(1.5,1.5));
61   push_stroke((650,780)..(590,590)..(480,440),
62     (1.7,1.7)–(1.6,1.6)–(1.2,1.2));
63   set_boserif(0,0,10);
64   push_stroke((590,590)–(930,590),
65     (1.6,1.6)–(1.6,1.6));
66   set_boserif(0,1,9);
67   push_stroke((740,590),
68     (1.6,1.6));
69   build_kanji.add_jtail(0);
70   expand_pbox;

```

ONE

71 enddef;



72

73 vardef kanji.grone.big =

74 push_pbox_toexpand("kanji.grone.big");

75 push_stroke((90,500)-(910,500),

76 (1.6,1.6)-(1.6,1.6));

77 set_boserif(0,19);

78 push_stroke((510,780){down}..(370,200)..{curl 0.5}(50,20),

79 (1.6,1.6)-(14,14)-(11,11));

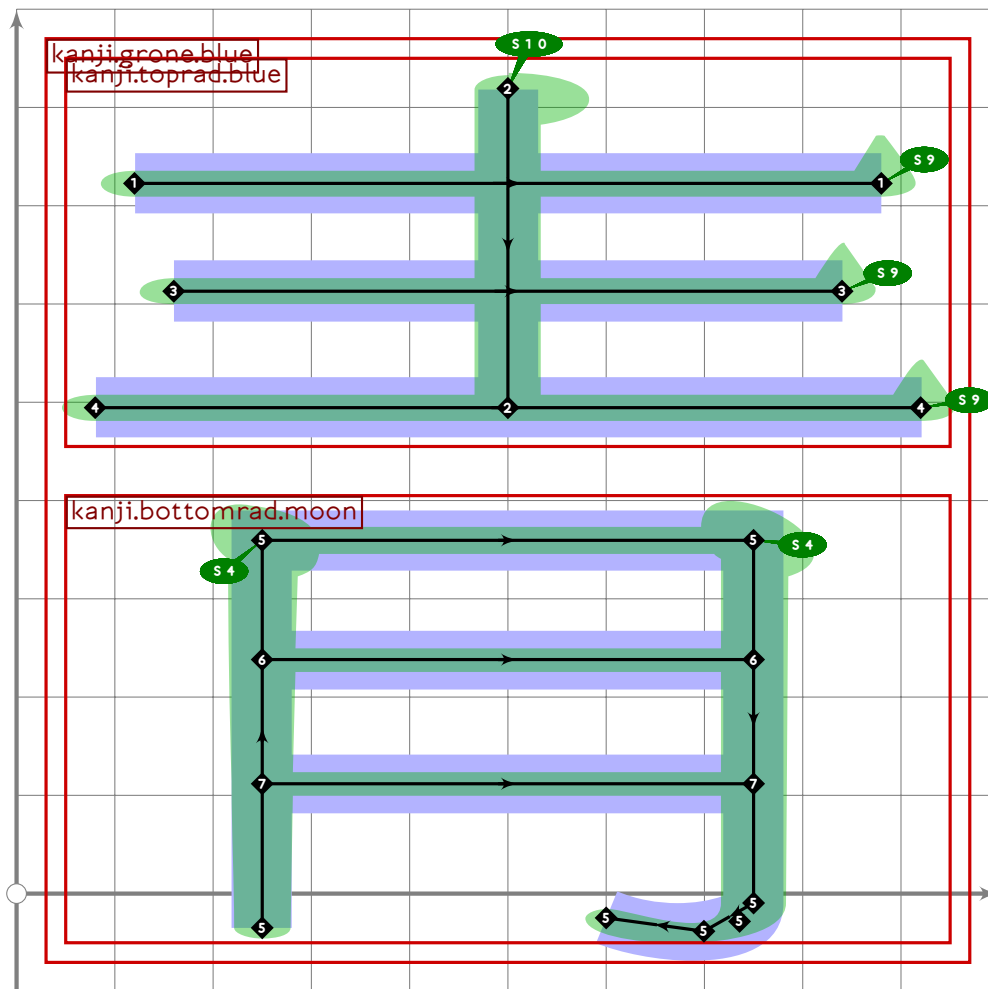
80 push_stroke(((get_stroke(-1) intersectionpoint get_stroke(0))+(50,0))..

81 (650,200)..(900,10),

82 (1,1,1)-(1.5,1.5)-(1.7,1.7));

83 expand_pbox;

84 enddef;

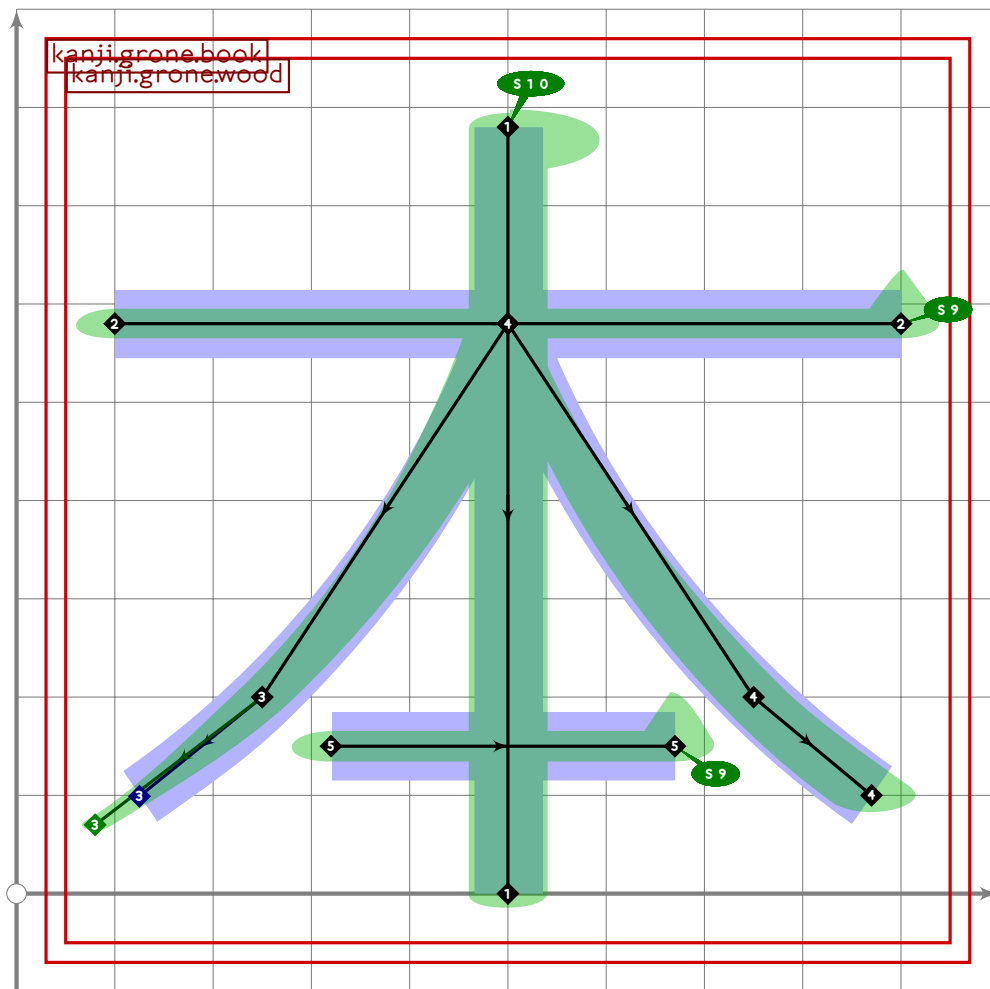


```

85
86 vardef kanji.grone.blue =
87   push_pbox_toexpand("kanji.grone.blue");
88   build_kanji.level(build_kanji.tb(430;-50)
89     (kanji.toprad.blue)
90     (kanji.bottomrad.moon));
91   expand_pbox;
92 enddef;

```

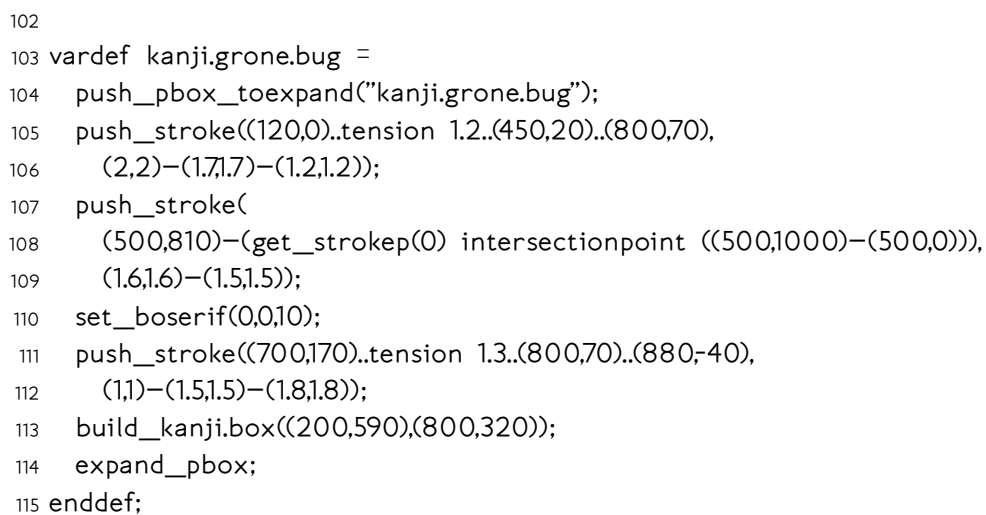
ONE



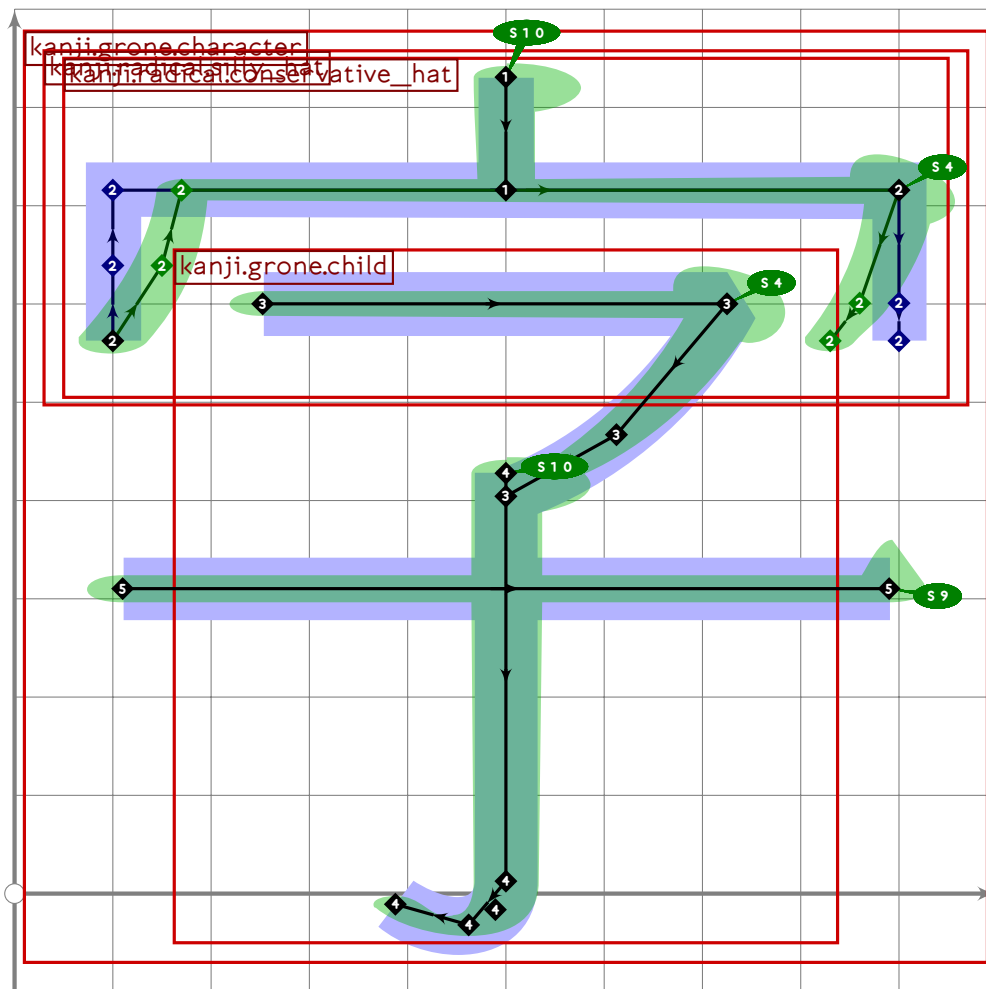
```

93
94 vardef kanji.grone.book =
95   push_pbox__toexpand("kanji.grone.book");
96   kanji.gronewood;
97   push_stroke((320,150)–(670,150),
98     (1.6,1.6)–(1.6,1.6));
99   set_boserif(0,19);
100   expand_pbox;
101 enddef;

```



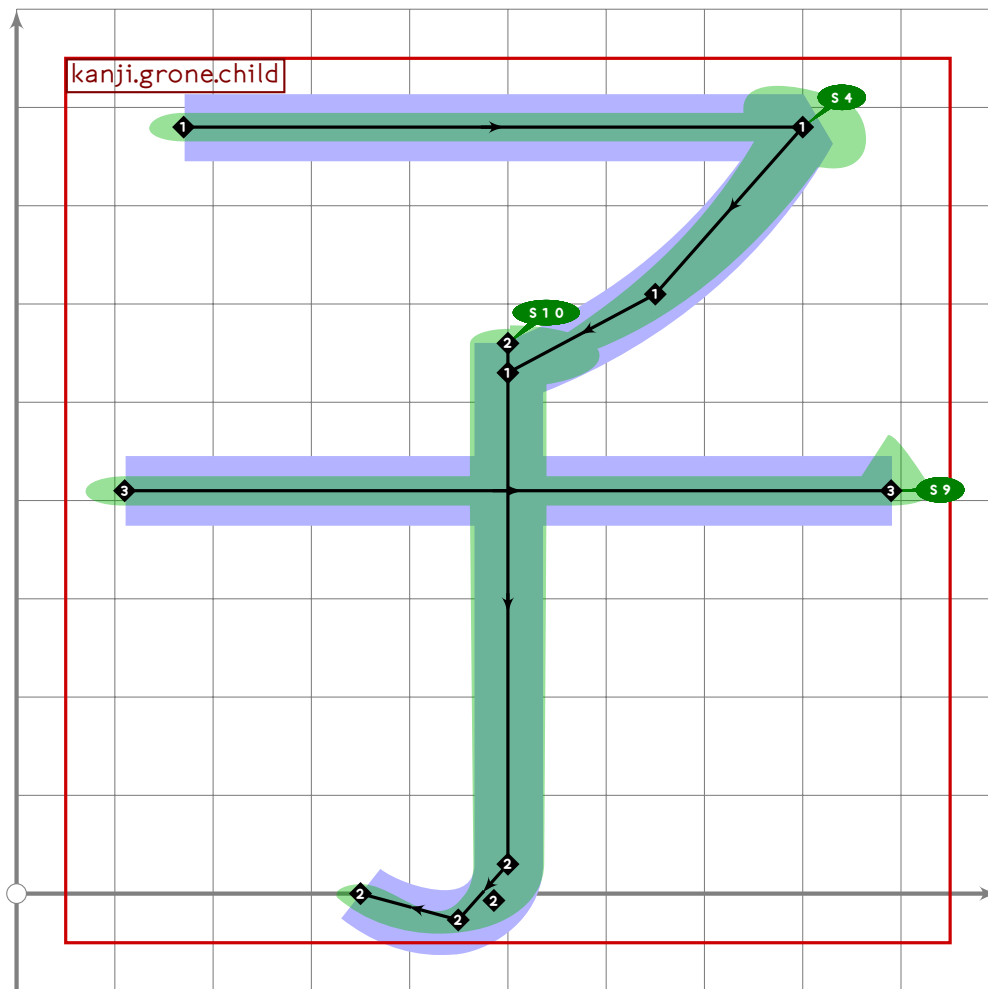
ONE



```

116
117 vardef kanji.grone.character =
118   push_pbox_toexpand("kanji.grone.character");
119   begingroup
120     save charsvp;
121     path charsvp;
122     build_kanji.tb(580,150)
123       (kanji.radical.silly_hat)
124       (build_kanji.sscale(xscaled 0.75)
125         (kanji.grone.child;
126           charsvp:=get_strokep(0);
127           replace_strokep(0)(charsvp));
128     endgroup;
129   expand_pbox;
130 enddef;

```

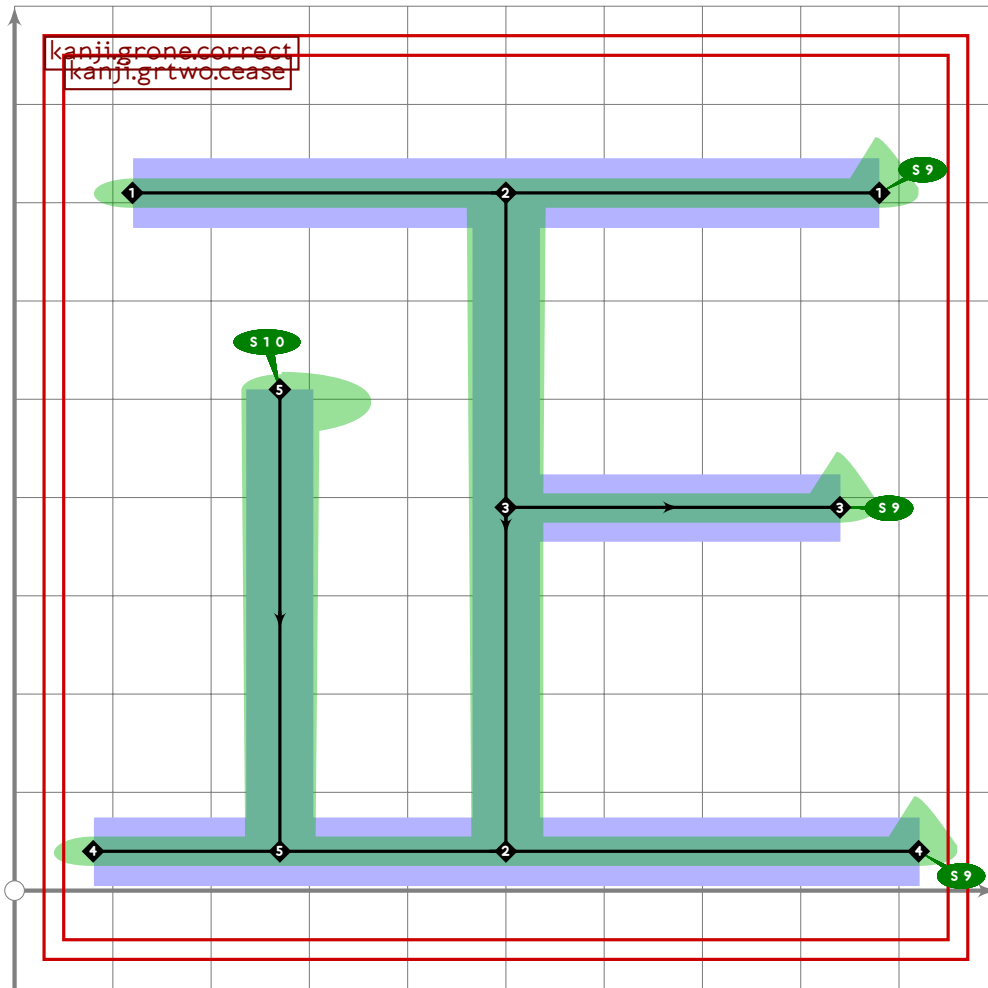


```

131
132 vardef kanji.grone.child =
133   push_pbox__toexpand("kanji.grone.child");
134   push_stroke((170,780)-(800,780)..(650,610)..(500,530),
135     (1.5,1.5)-(1.6,1.6)-(1.4,1.4)-(1,1));
136   set_boserif(0,14);
137   set_botip(0,1,0);
138   push_stroke((500,560),
139     (1.6,1.6));
140   build_kanji.add__jtail(0);
141   set_boserif(0,0,10);
142   push_stroke((110,410)-(890,410),
143     (1.6,1.6)-(1.6,1.6));
144   set_boserif(0,1,9);
145   expand__pbox;
146 enddef;

```

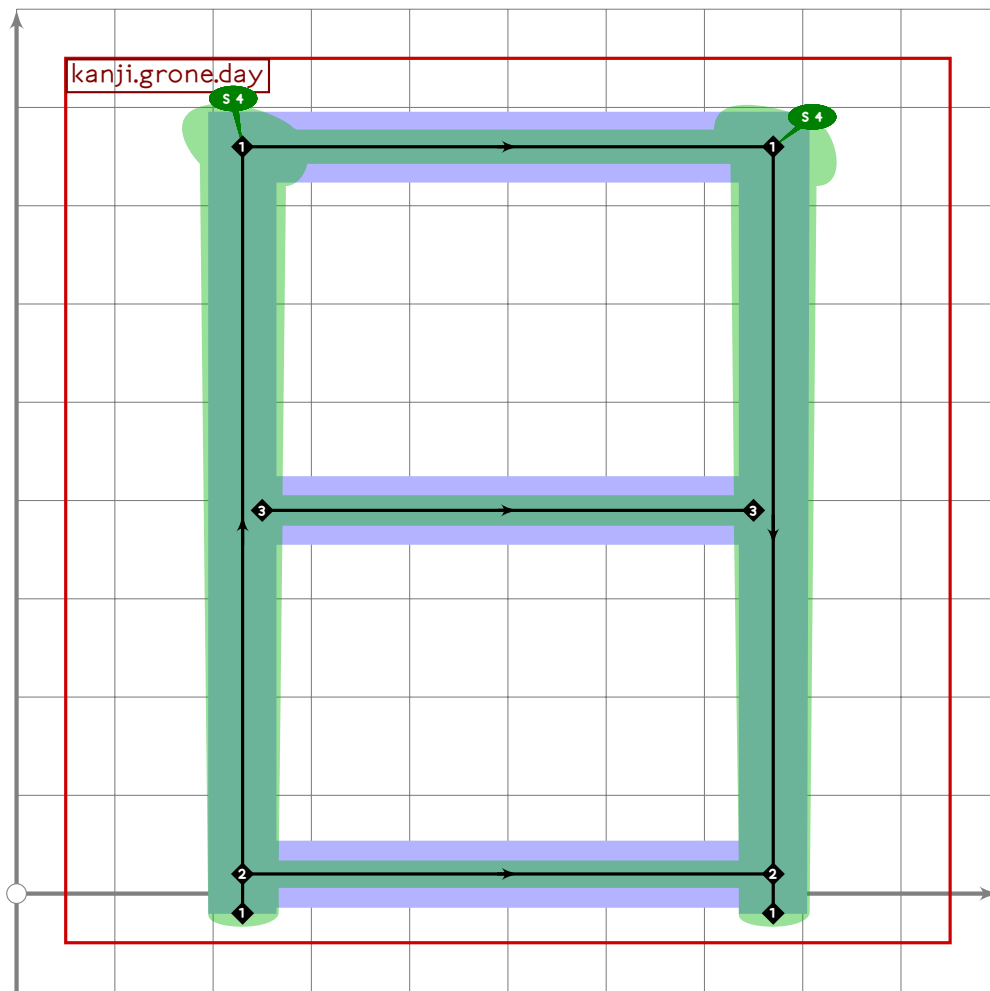
ONE



```

147
148 vardef kanji.grone.correct =
149   push_pbox__toexpand("kanji.grone.correct");
150   push_stroke((120,710)-(880,710),
151     (1.6,1.6)-(1.6,1.6));
152   set_boserif(0,19);
153   kanji.grtwo.cease;
154   expand_pbox;
155 enddef;

```

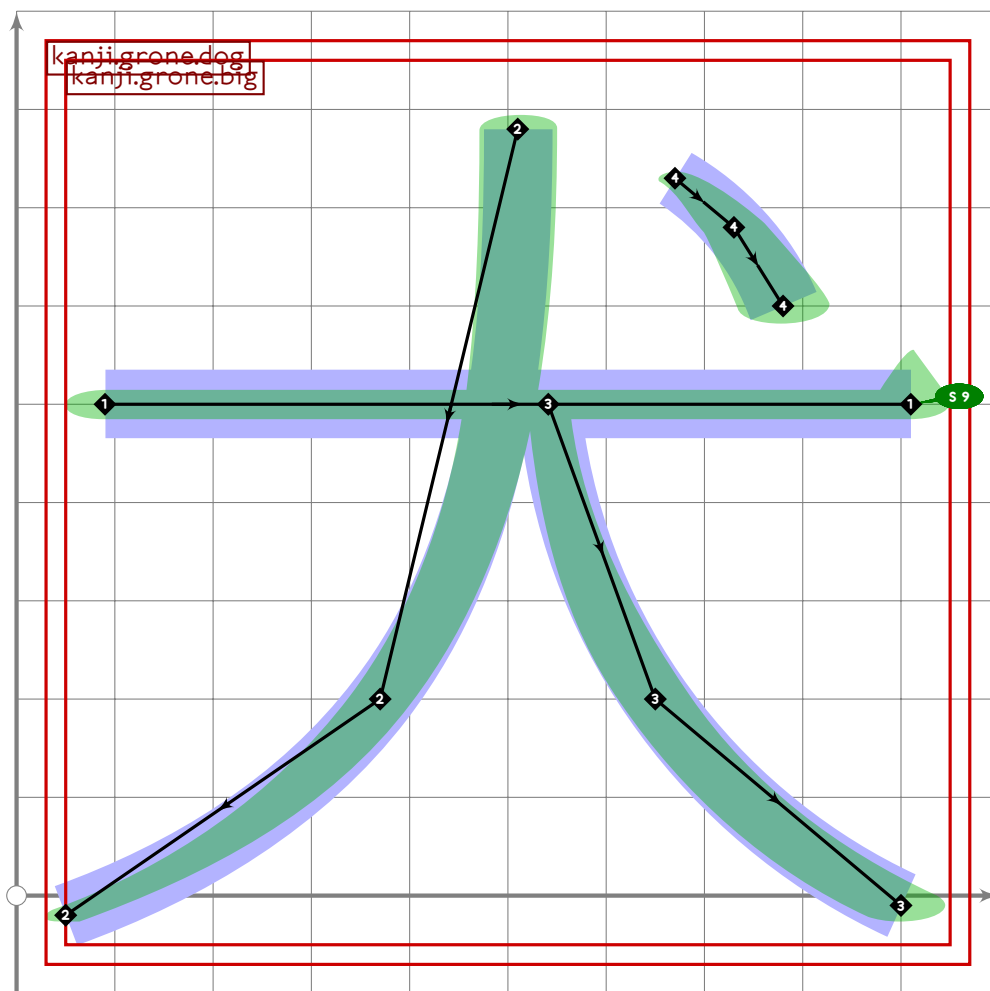
```

156
157 vardef kanji.grone.day =
158   push_pbox_toexpand("kanji.grone.day");
159   build_kanji.box((230,760),(770,20));
160   push_stroke((250,390)–(750,390),
161     (1.6,1.6)–(1.6,1.6));
162   expand_pbox;
163 enddef;

```

U+72AC
tsuku.uni72AC

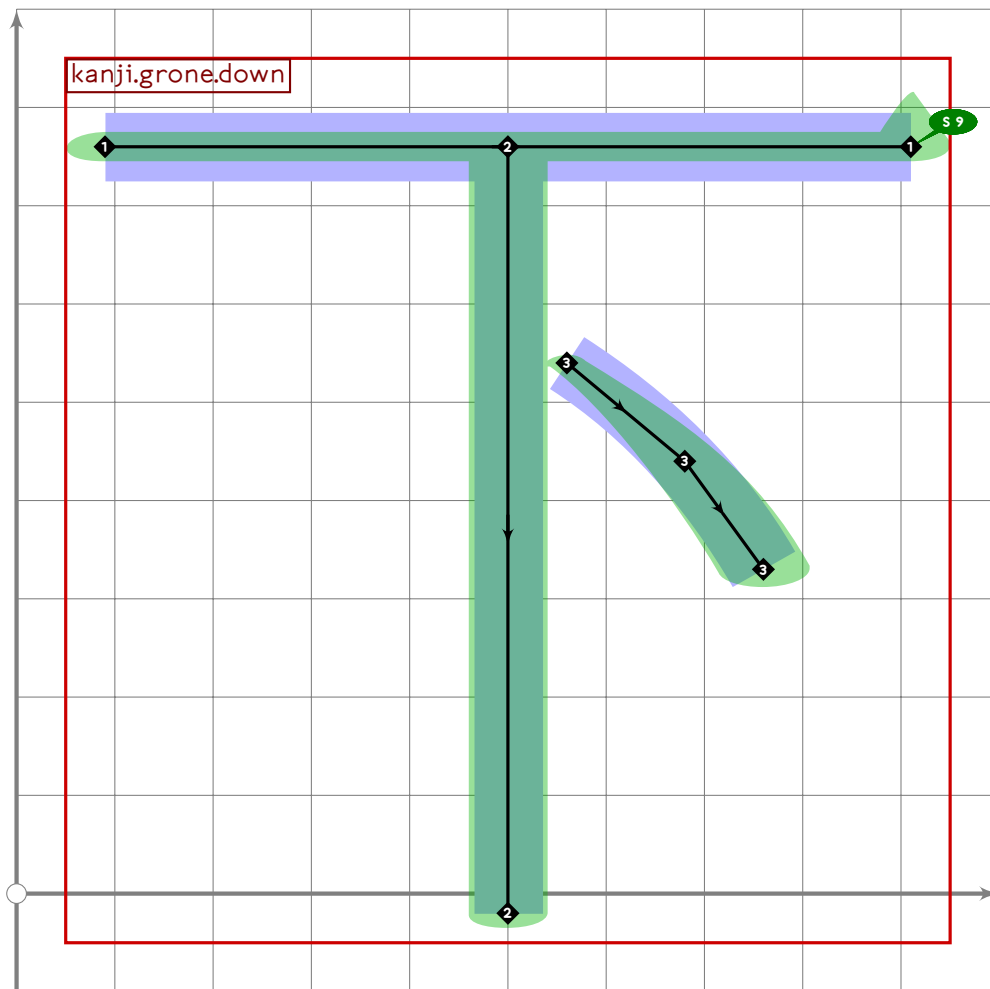
ONE



```

164
165 vardef kanji.grone.dog =
166   push_pbox__toexpand("KANJI.GRONE.DOG");
167   kanji.grone.big;
168   push_stroke((670,730)..(730,680)..(780,600),
169     (1,1)-(14,14)-(18,18));
170   expand_pbox;
171 enddef;

```

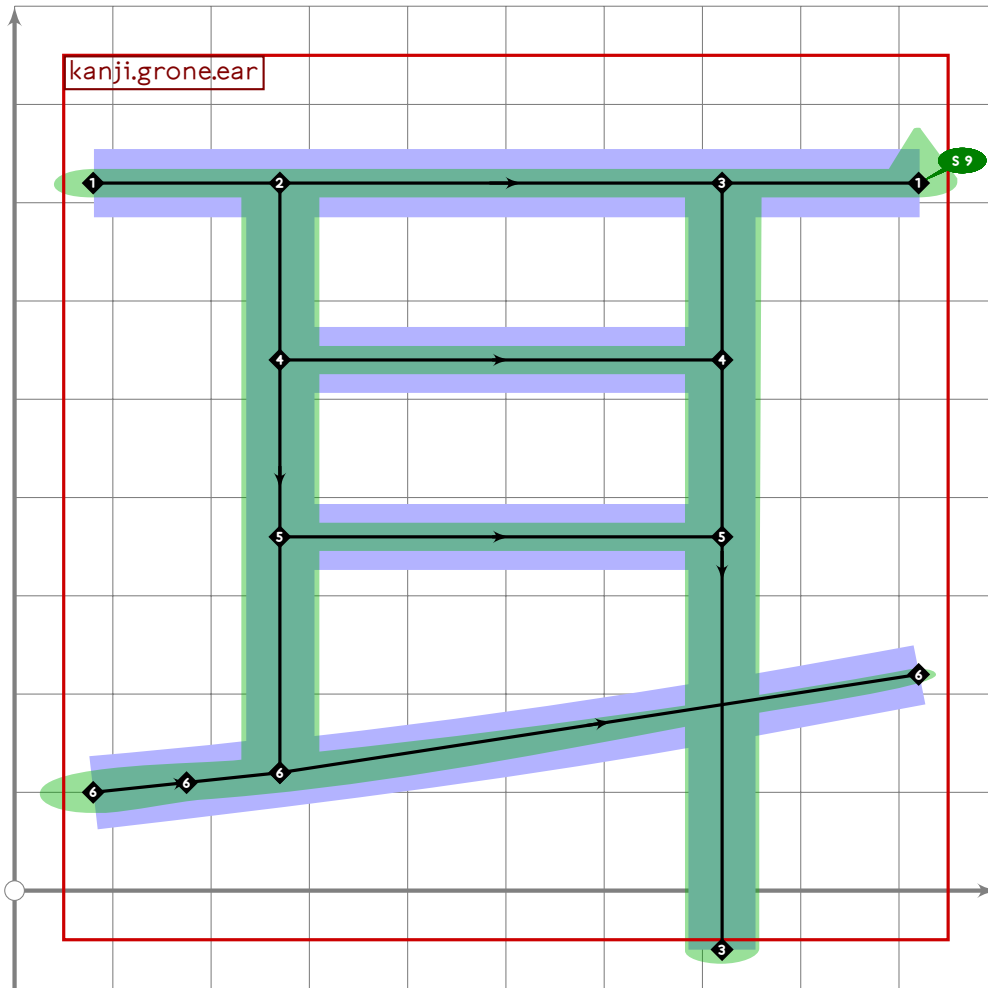


```

172
173 vardef kanji.grone.down =
174   push_pbox__toexpand("kanji.grone.down");
175   push_stroke((90,760)–(910,760),
176     (1.6,1.6)–(1.6,1.6));
177   set_boserif(0,19);
178   push_stroke((500,760)–(500,-20),
179     (1.6,1.6)–(1.6,1.6));
180   push_stroke((560,540)..(680,440)..(760,330),
181     (1.1,1.1)–(1.6,1.6)–(1.8,1.8));
182   expand_pbox;
183 enddef;

```

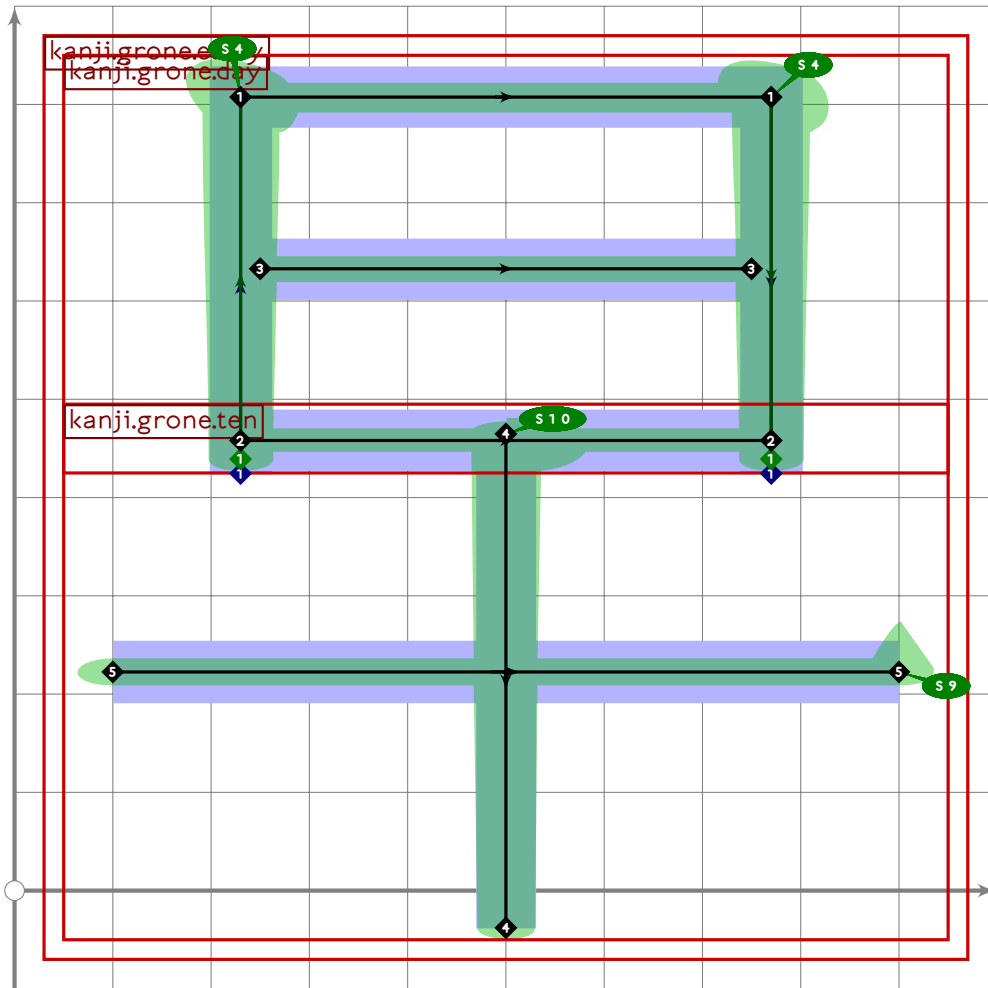
ONE



```

184
185 vardef kanji.grone.ear =
186   push_pbox_toexpand("kanji.grone.ear");
187   push_stroke((80,720)–(920,720),
188     (1.6,1.6)–(1.6,1.6));
189   set_boserif(0,19);
190   push_stroke((270,720)–(270,120),
191     (1.6,1.6)–(1.6,1.6));
192   push_stroke((720,720)–(720,60),
193     (1.6,1.6)–(1.5,1.5));
194   push_stroke((270,540)–(720,540),
195     (1.5,1.5)–(1.5,1.5));
196   push_stroke((270,360)–(720,360),
197     (1.5,1.5)–(1.5,1.5));
198   push_stroke((80,100)..tension 1.3..(270,120)..(920,220),
199     (2,2)–(1.7,1.7)–(1,1));
200   expand_pbox;
201 enddef;

```

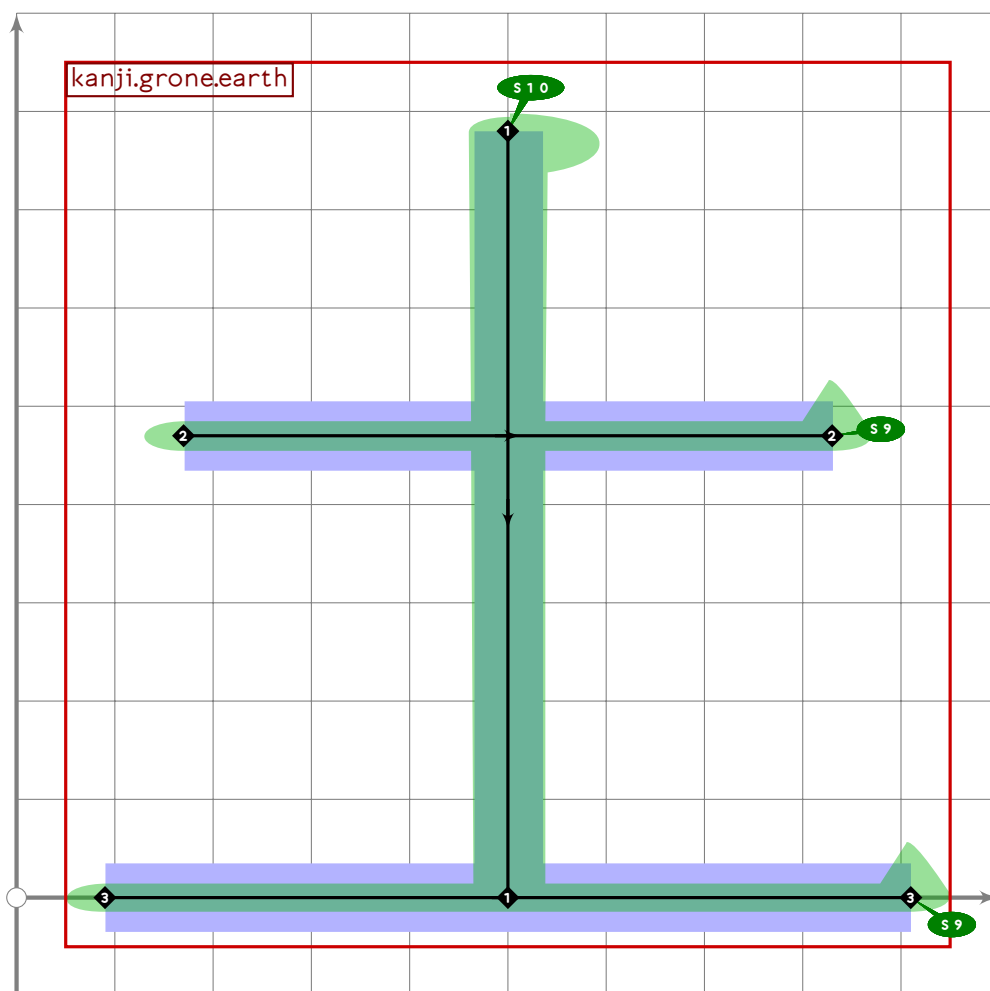


```

202
203 vardef kanji.grone.early =
204   push_pbox_toexpand("kanji.grone.early");
205   build_kanji.level(build_kanji.tb(460,70)
206     (kanji.grone.day)
207     (kanji.grone.ten));
208   set_boserif(0,0,whatever);
209   expand_pbox;
210 enddef;

```

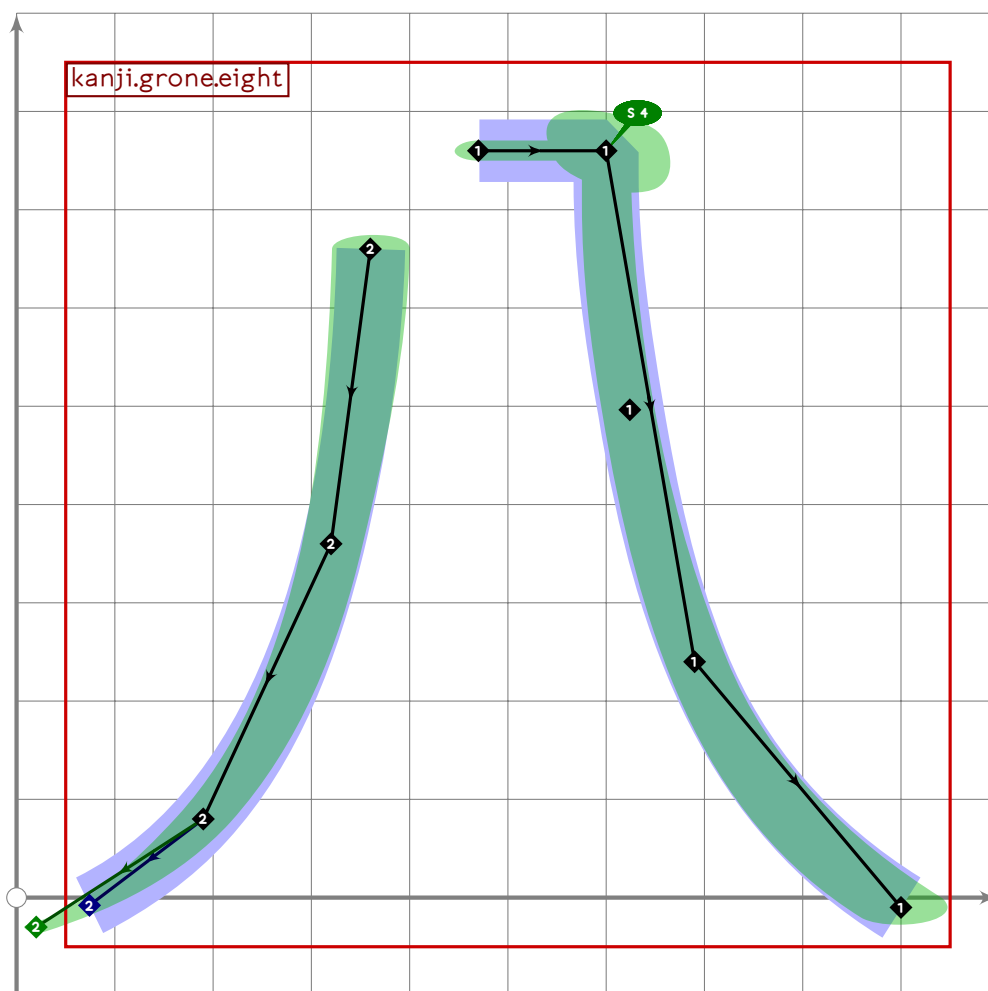
ONE



```

211
212 vardef kanji.grone.earth =
213   push_pbox_toexpand("kanji.grone.earth");
214   push_stroke((500,780)–(500,0),
215     (1,6,1,6)–(1,5,1,5));
216   set_boserif(0,0,10);
217   push_stroke((170,470)–(830,470),
218     (1,6,1,6)–(1,6,1,6));
219   set_boserif(0,1,9);
220   push_stroke((90,0)–(910,0),
221     (1,6,1,6)–(1,6,1,6));
222   set_boserif(0,1,9);
223   expand_pbox;
224 enddef;

```

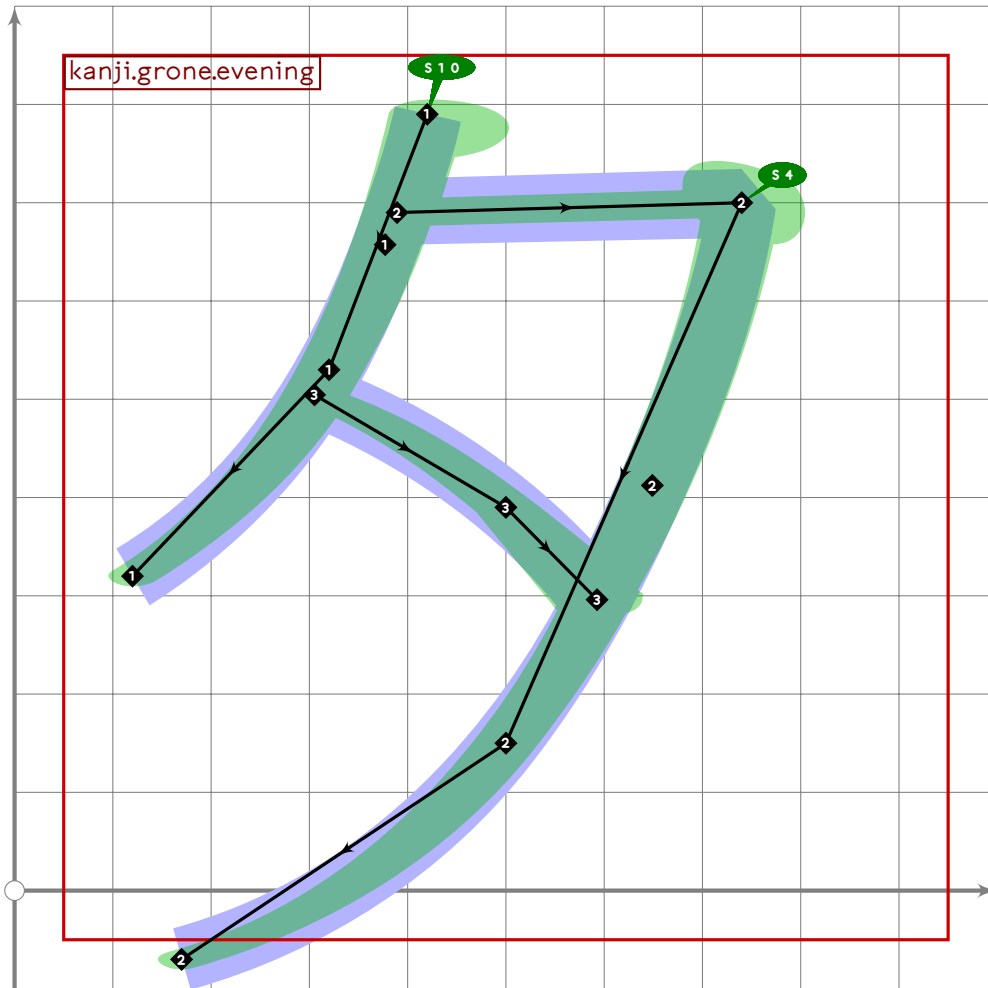


```

225
226 vardef kanji.grone.eight =
227   push_pbox_toexpand("kanji.grone.eight");
228   push_stroke((470,760)-(600,760)..tension 1.3..(690,240)..(900,-10),
229     (1.2,1.2)-(1.2,1.2)-(14,14)-(1.8,1.8));
230   set_botip(0,1,0);
231   set_boserif(0,1,4);
232   push_stroke((360,660)..(320,360)..(190,80)..(20,-30),
233     (1.6,1.6)-(14,14)-(1.3,1.3)-(0.88,0.88));
234   expand_pbox;
235 enddef;

```

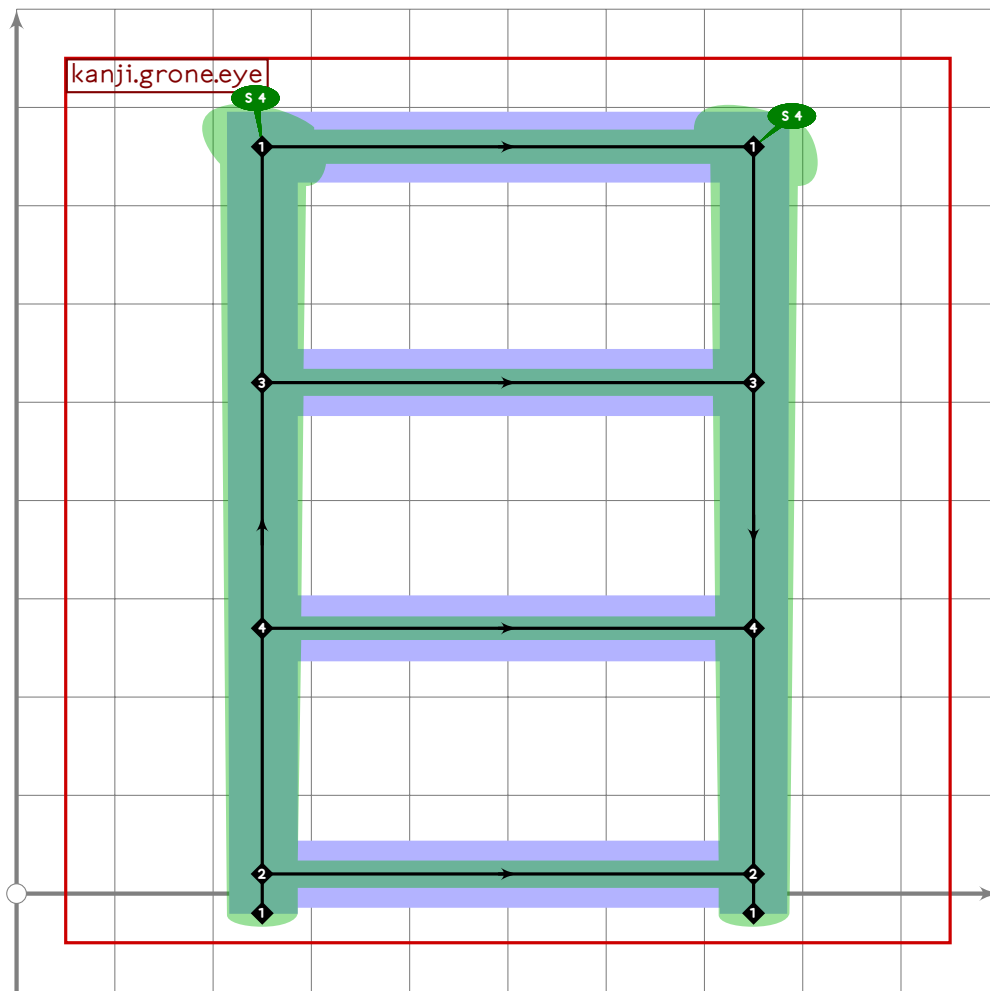
ONE



```

236
237 vardef kanji.grone.evening =
238   push_pbox_toexpand("kanji.grone.evening");
239   push_stroke((420,790)..tension 1.2..(320,530)..(120,320),
240     (1.6,1.6)–(1.5,1.5)–(1.2,1.2));
241   set_boserif(0,0,10);
242   push_stroke(
243     (get_stroke(0) intersectionpoint ((-infinity,690)–(infinity,690)))–
244     (740,700)..tension 1.2..(500,150)..(170,70),
245     (1.5,1.5)–(1.6,1.6)–(1.4,1.4)–(1.2,1.2));
246   set_botip(0,1,0);
247   set_boserif(0,1,4);
248   push_stroke(
249     (point 1.1 of get_stroke(-1))..(500,390)..(point 1.7 of get_stroke(0)),
250     (1.2,1.2)–(1.4,1.4)–(1.8,1.8));
251   expand_pbox;
252 enddef;

```

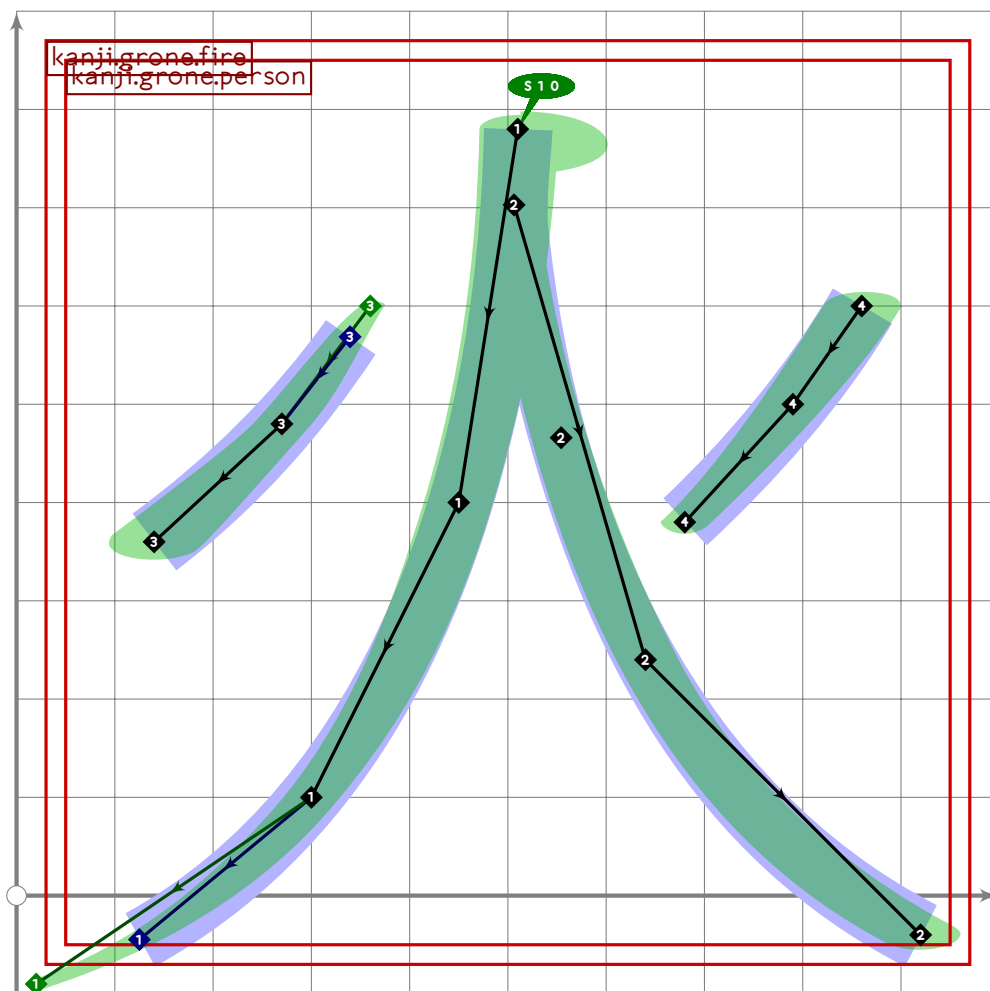



```

253
254 vardef kanji.grone.eye =
255   push_pbox__toexpand("kanji.grone.eye");
256   build_kanji.box((250,760),(750,20));
257   push_stroke((250,520)–(750,520),
258     (1,5,1,5)–(1,5,1,5));
259   push_stroke((250,270)–(750,270),
260     (1,4,1,4)–(1,4,1,4));
261   expand_pbox;
262 enddef;

```

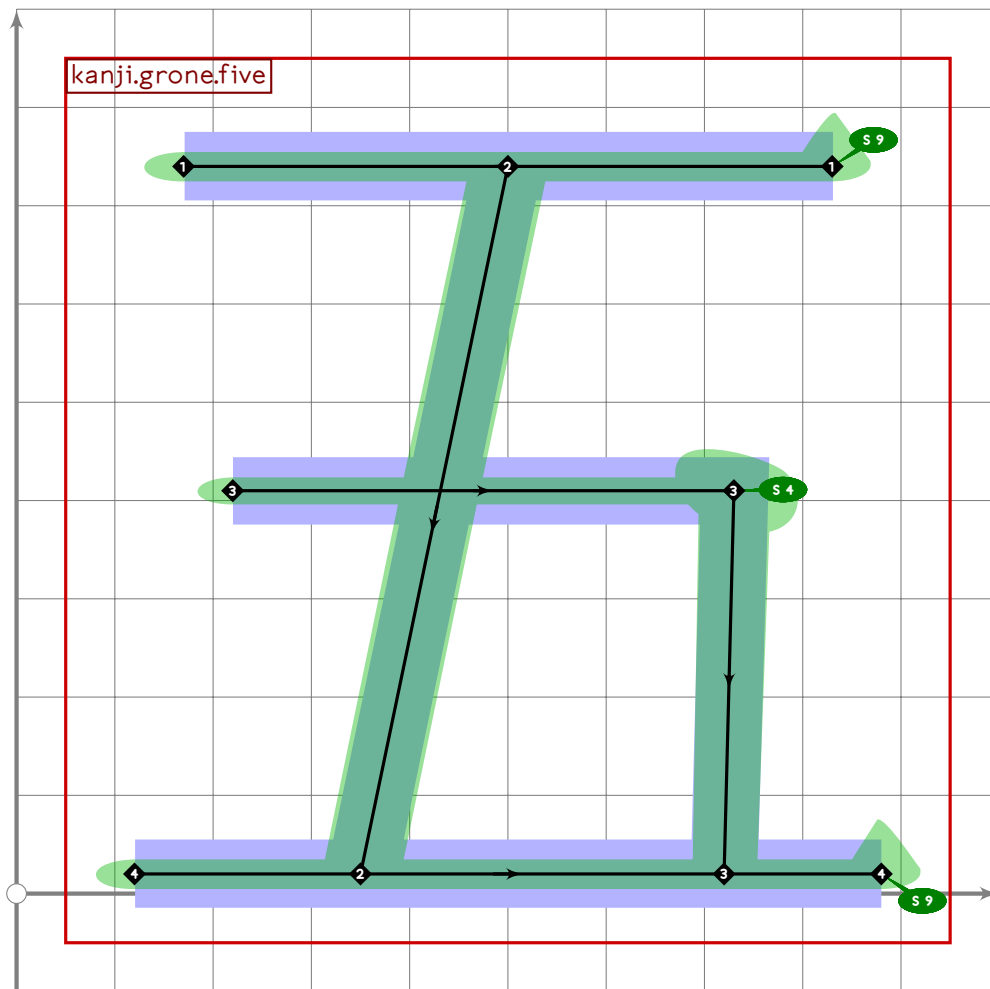
ONE



```

263
264 vardef kanji.grone.fire =
265   push_pbox__toexpand("kanji.grone.fire");
266   kanji.grone.person;
267   push_stroke((360,600)..(270,480)..(140,360),
268     (0,0,9)-(1,3,1,3)-(1,8,1,8));
269   push_stroke((860,600)..(790,500)..(680,380),
270     (1,6,1,6)-(1,4,1,4)-(1,2,1,2));
271   expand_pbox;
272 enddef;

```

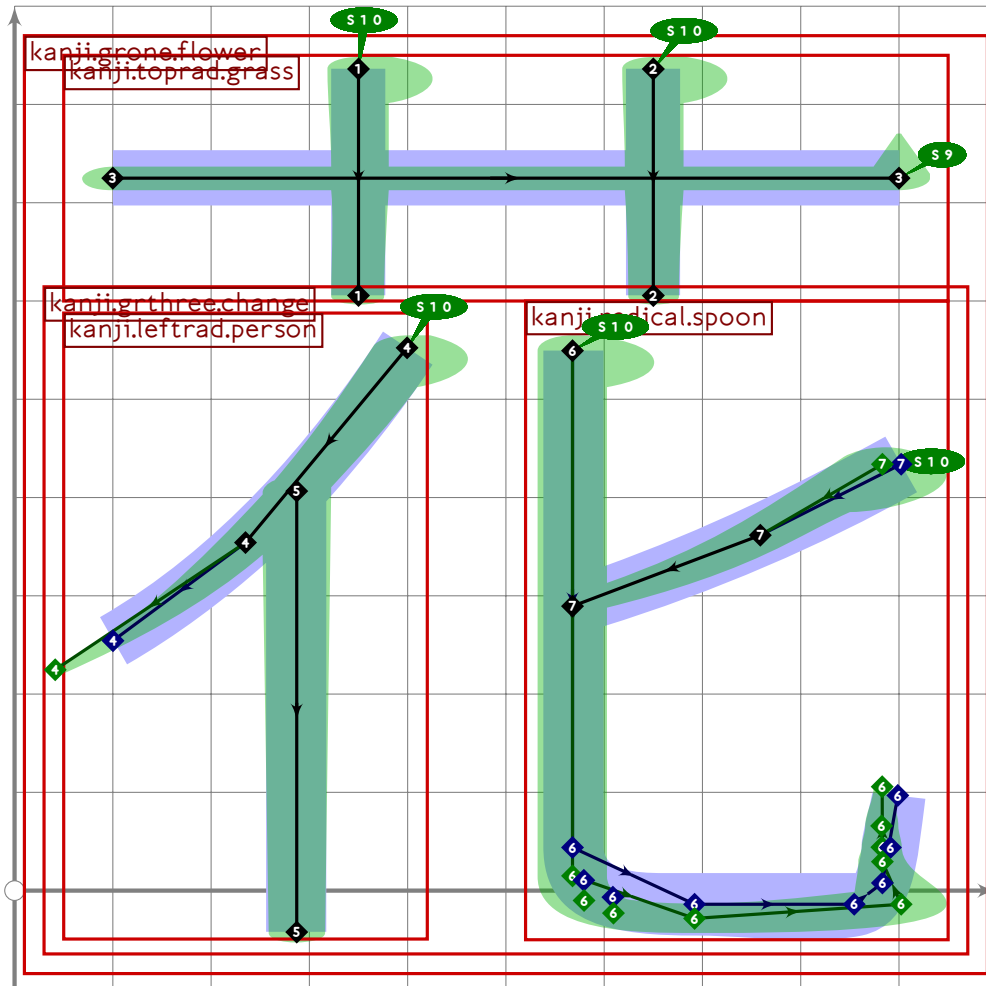


```

273
274 vardef kanji.grone.five =
275   push_pbox__toexpand("kanji.grone.five");
276   push_stroke((170,740)–(830,740),
277     (1.6,1.6)–(1.6,1.6));
278   set_boserif(0,19);
279   push_stroke((500,740)–(350,20),
280     (1.6,1.6)–(1.6,1.6));
281   push_stroke((220,410)–(730,410)–(720,20),
282     (1.5,1.5)–(1.5,1.5)–(1.4,1.4));
283   set_boserif(0,14);
284   set_botip(0,1,1);
285   push_stroke((120,20)–(880,20),
286     (1.6,1.6)–(1.6,1.6));
287   set_boserif(0,19);
288   expand_pbox;
289 enddef;

```

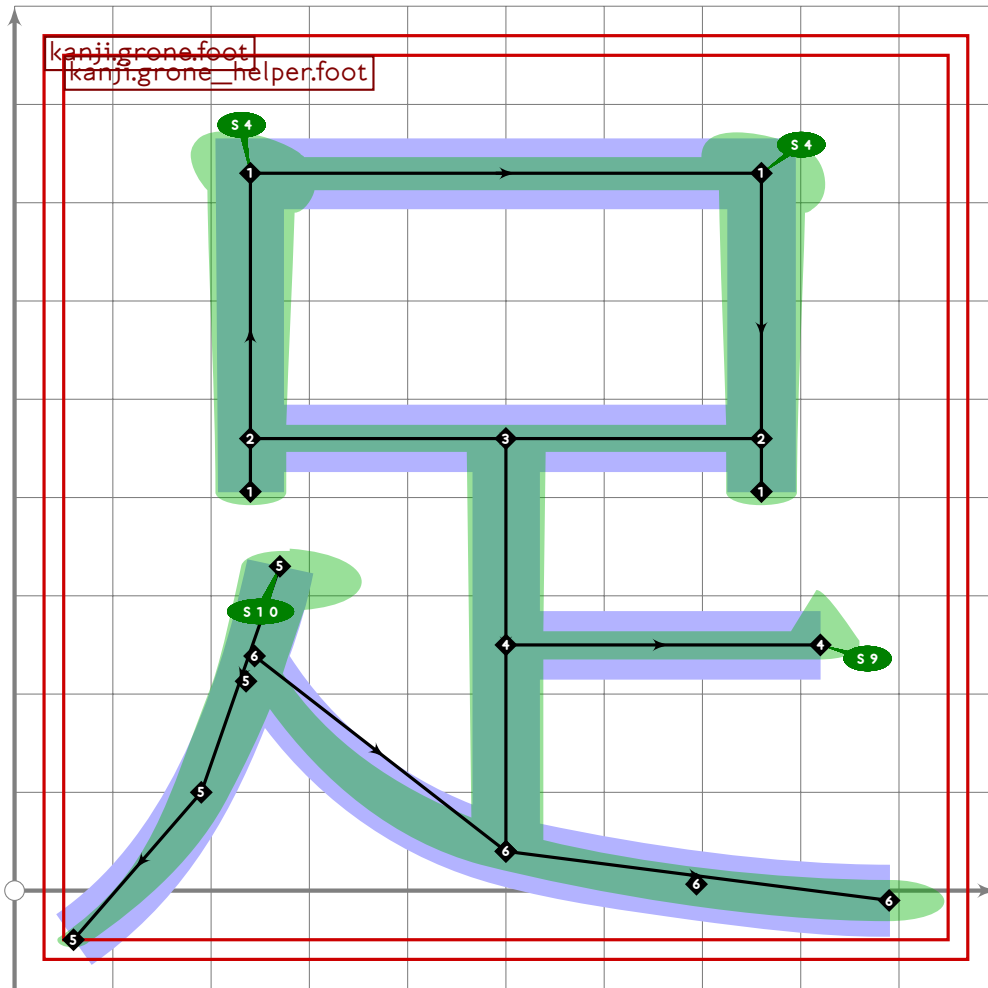
ONE



```

290
291 vardef kanji.grone.flower =
292   push_pbox_toexpand("kanji.grone.flower");
293   build_kanji.tb(600,0)
294     (kanji.toprad.grass)
295     (kanji.grthree.change);
296   expand_pbox;
297 enddef;
298
299 vardef kanji.grone_helper.foot =
300   push_pbox_toexpand("kanji.grone_helper.foot");
301   push_stroke((270,330)..tension 1.3..(190,100)..(60,-50),
302     (1.6,1.6)-(1.3,1.3)-(1,1));
303   set_boserif(0,0,10);
304   push_stroke(
305     (point 0.4 of get_stroke(0))..(500,40)..tension 1.5..(890,-10),
306     (1,1)-(1.7,1.7)-(2,2));
307   expand_pbox;
308 enddef;

```

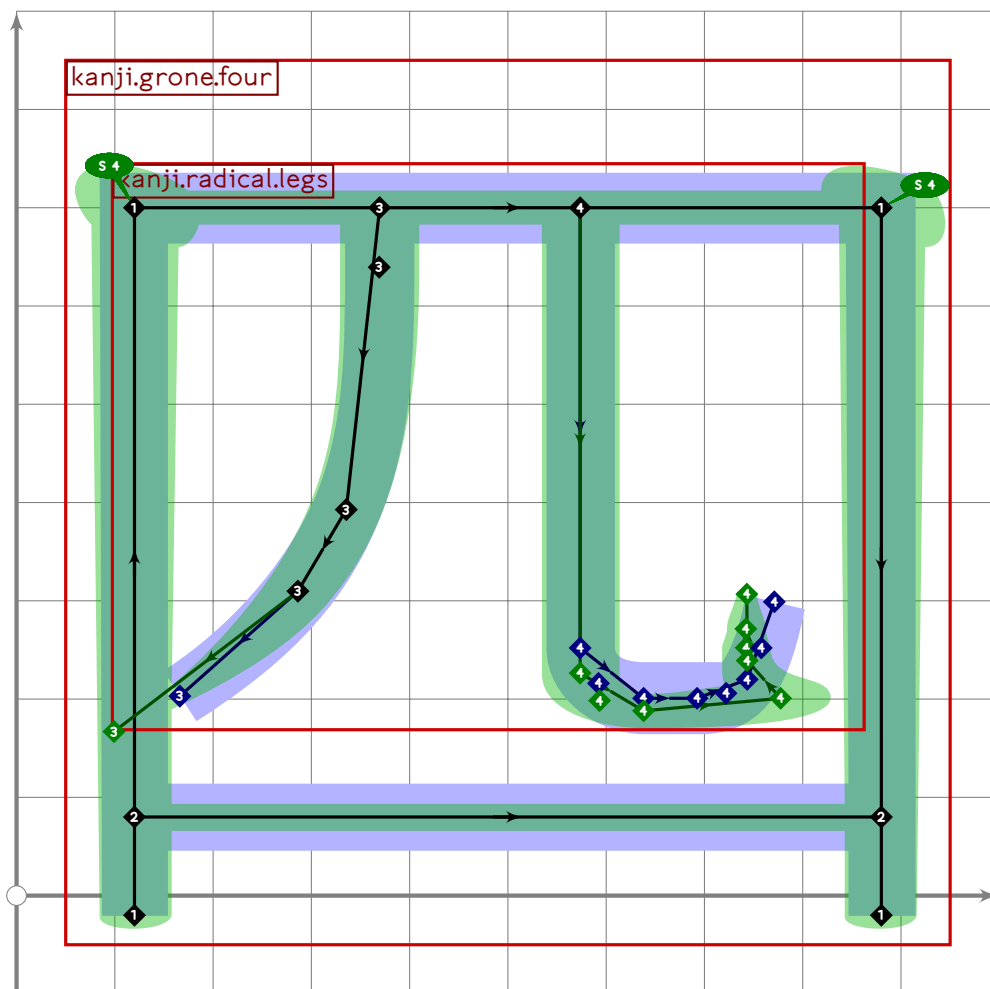


```

309
310 vardef kanji.grone.foot =
311   push_pbox__toexpand("kanji.grone.foot");
312   build_kanji.box((240,730),(760,460));
313   push_stroke((500,460)–(500,40),(1.6,1.6)–(1.5,1.5));
314   push_stroke((500,250)–(820,250),(1.5,1.5)–(1.6,1.6));
315   set_boserif(0,19);
316   kanji.grone_helper.foot;
317   expand_pbox;
318 enddef;

```

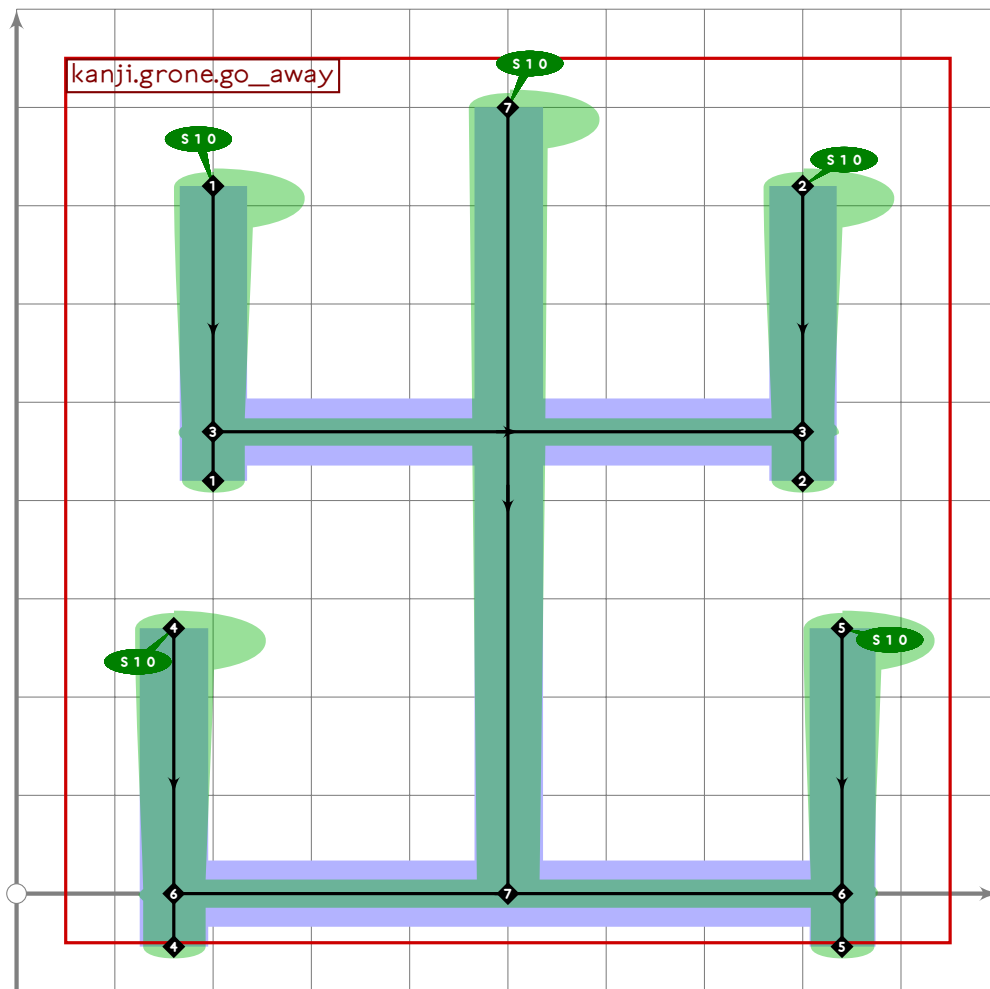
ONE



```

319
320 vardef kanji.grone.four =
321   push_pbox__toexpand("kanji.grone.four");
322   perl_structure:=perl_structure&"eids.u2FF4.u56D7.u513F";
323   build_kanji.box((120,700),(880,80));
324   tsu_xform
325     (identity shifted (-500,-780) xyscaled (0.85,0.64) shifted (480,700))
326     (kanji.radical.legs);
327   expand_pbox;
328 enddef;

```

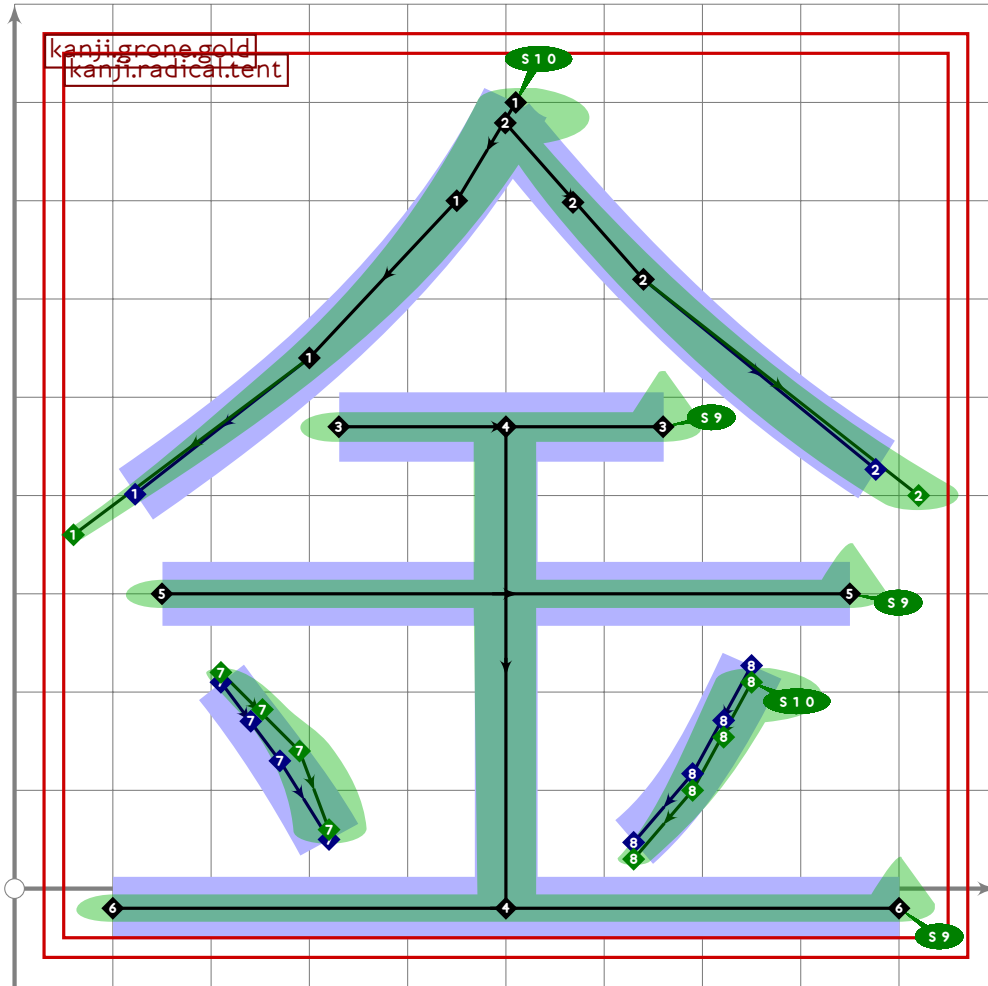


```

329
330 vardef kanji.grone.go_away =
331   push_pbox__toexpand("kanji.grone.go_away");
332   build_kanji.cup((200,720),(800,470));
333   build_kanji.cup((160,270),(840,0));
334   push_stroke((500,800)-(500,0),
335     (1,6,1,6)-(14,14));
336   set_boserif(0,0,10);
337   expand_pbox;
338 enddef;

```

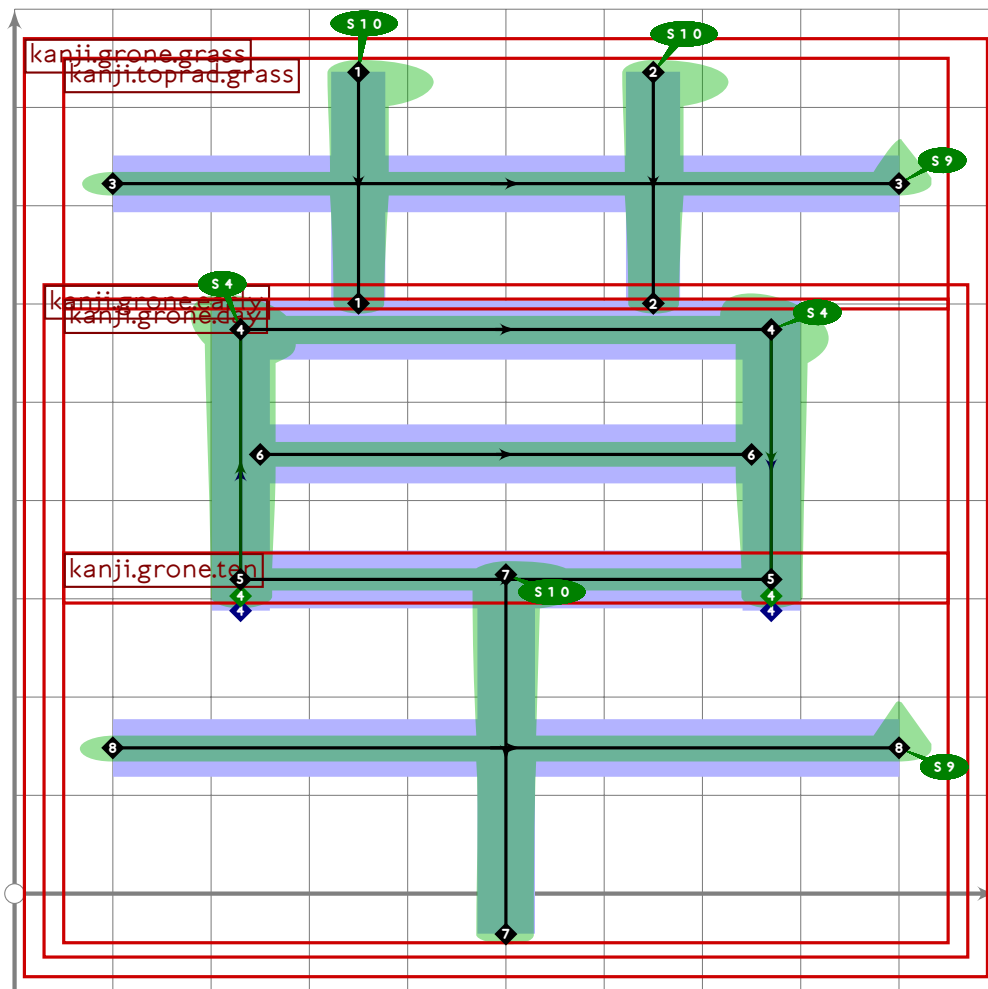
ONE



```

339
340 vardef kanji.grone.gold =
341   push_pbox_toexpand("kanji.grone.gold");
342   kanji.radical.tent;
343   push_stroke((500,470)-(500,20),(1.5,1.5)-(1.4,1.4));
344   push_stroke((150,300)-(850,300),(1.6,1.6)-(1.6,1.6));
345   set_boserif(0,19);
346   push_stroke((100,20)-(900,20),(1.6,1.6)-(1.6,1.6));
347   set_boserif(0,19);
348   push_stroke(((210,220)..tension 1.3..(270+20*mincho,140)..(320,60))
349     shifted ((1-mincho)*10*down),
350     (1,1)-(1.5,1.5)-(1.6,1.6));
351   push_stroke(((750,210)..tension 1.3..(690,100)..(630,30))
352     shifted ((1-mincho)*17*up),
353     (1.6,1.6)-(1.3,1.3)-(1,1));
354   set_boserif(0,0,10);
355   for i=-4 upto 0: set_bosize(i,93); endfor;
356   expand_pbox;
357 enddef;

```

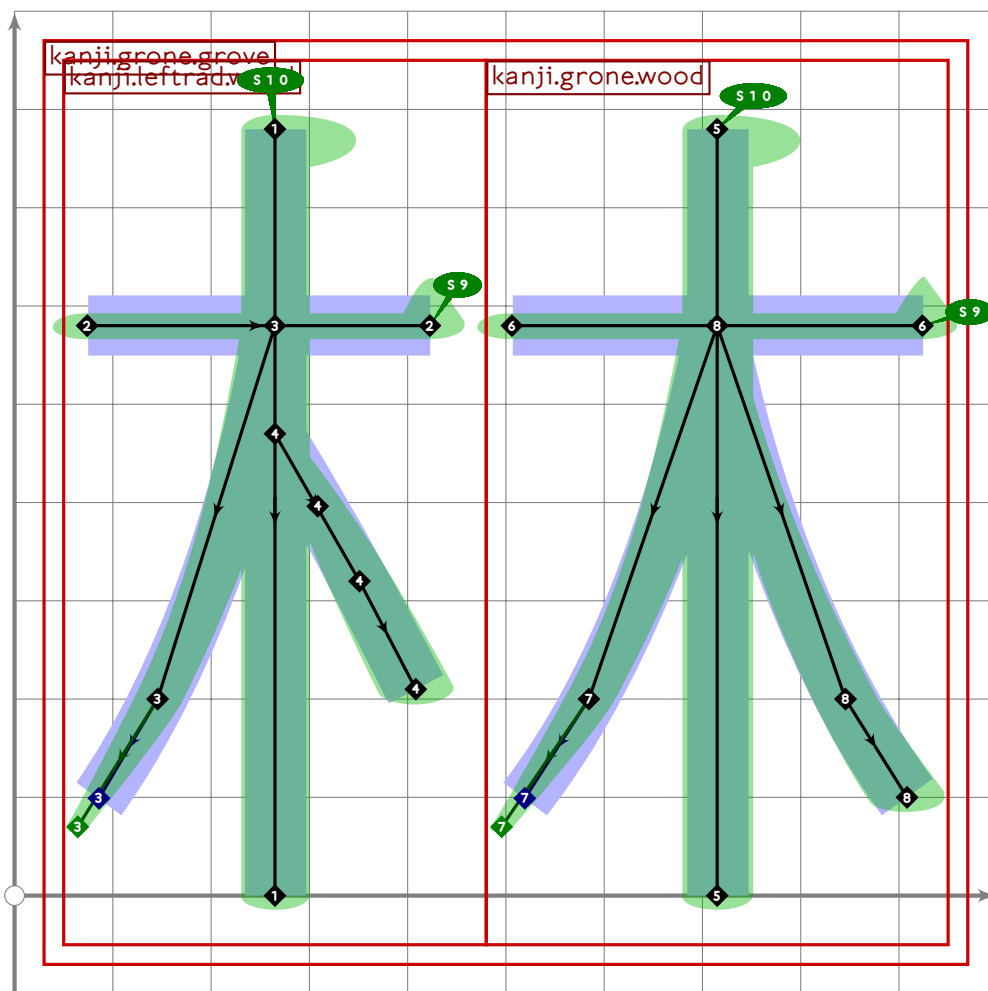



```

358
359 vardef kanji.grone.grass =
360   push_pbox_toexpand("kanji.grone.grass");
361   build_kanji.tb(600,10)
362     (kanji.toprad.grass)
363     (kanji.grone.early);
364   expand_pbox;
365 enddef;

```

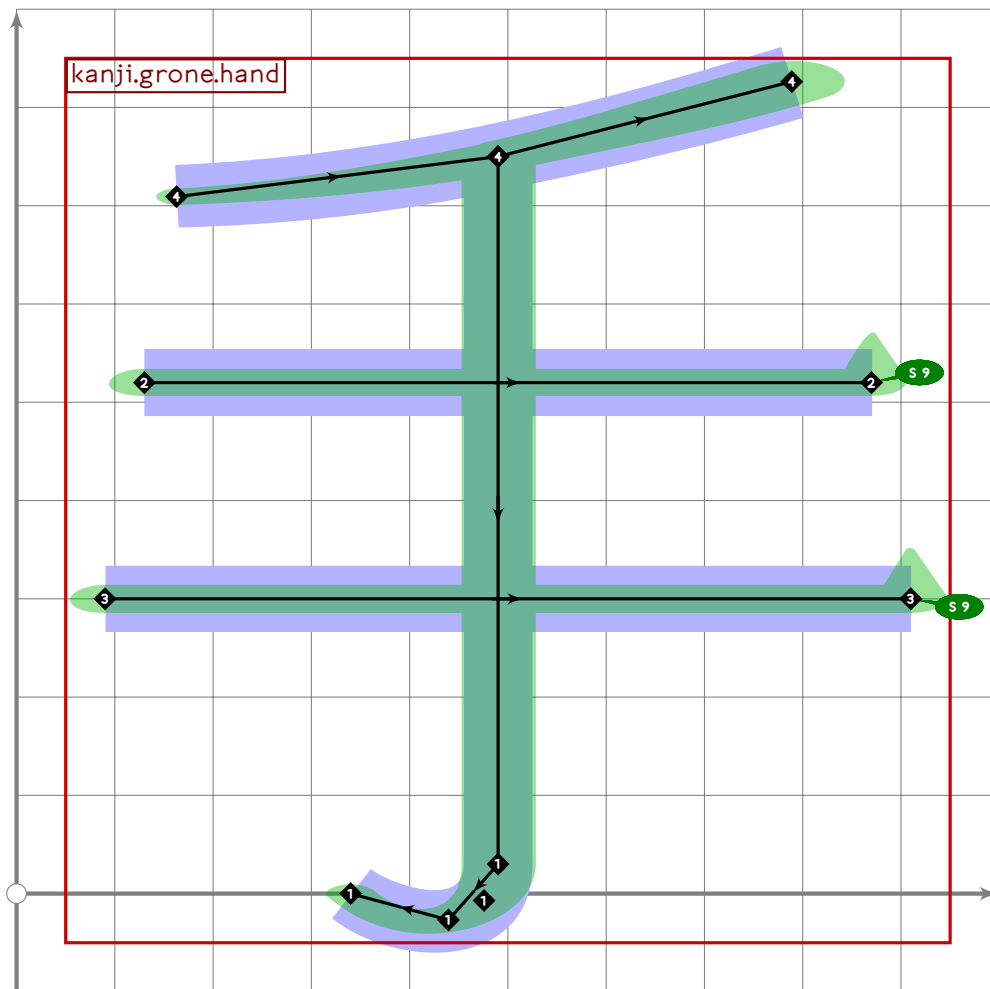
ONE



```

366
367 vardef kanji.grone.grove =
368   push_pbox_toexpand("kanji.grone.grove");
369   build_kanji.lr(480,0)
370     (kanji.leftrad.wood)
371     (kanji.grone.wood);
372   expand_pbox;
373 enddef;

```



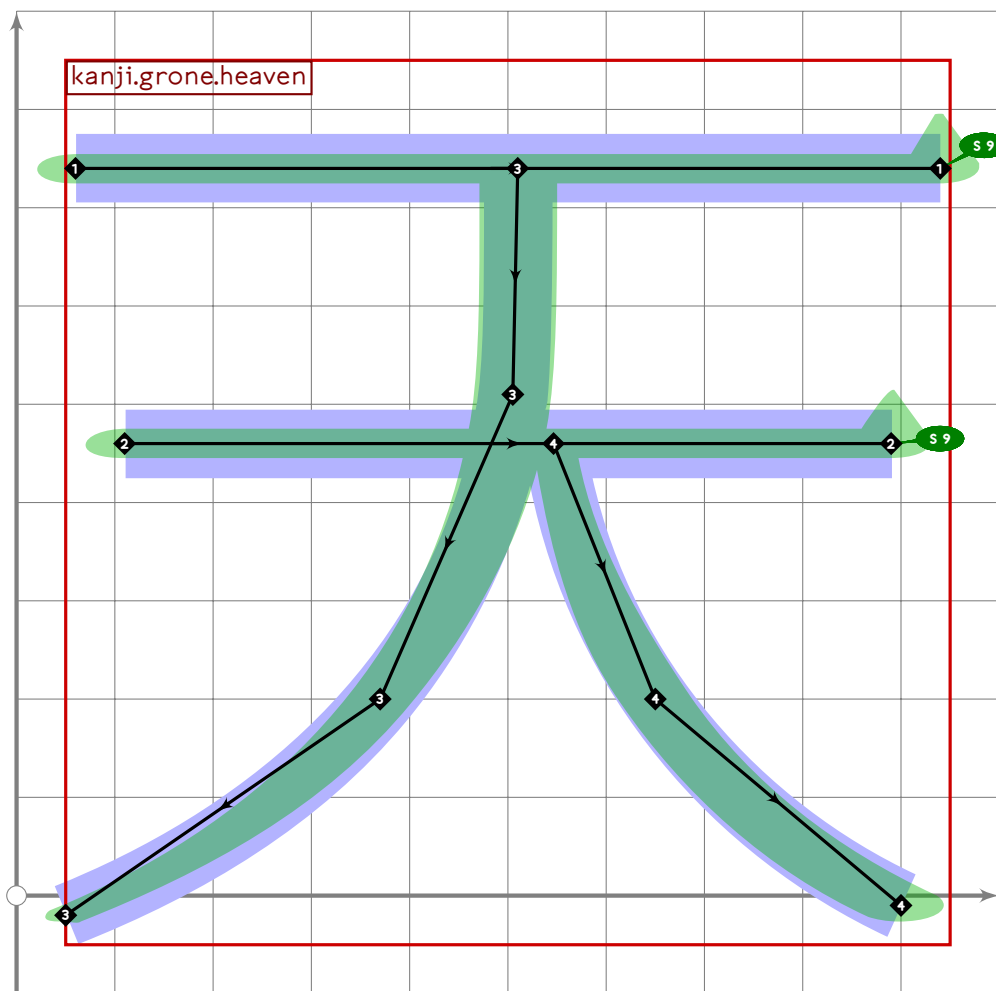
ONE

```

374
375 vardef kanji.grone.hand =
376   push_pbox__toexpand("kanji.grone.hand");
377   build_kanji.add_beret(
378     push_stroke((490,750),(1.6,1.6));
379     build_kanji.add_jtail(0);
380     push_stroke((130,520)-(870,520),(1.5,1.5)-(1.5,1.5));
381     set_boserif(0,1,9);
382     push_stroke((90,300)-(910,300),(1.5,1.5)-(1.5,1.5));
383     set_boserif(0,1,9);
384   );
385   expand_pbox;
386 enddef;

```

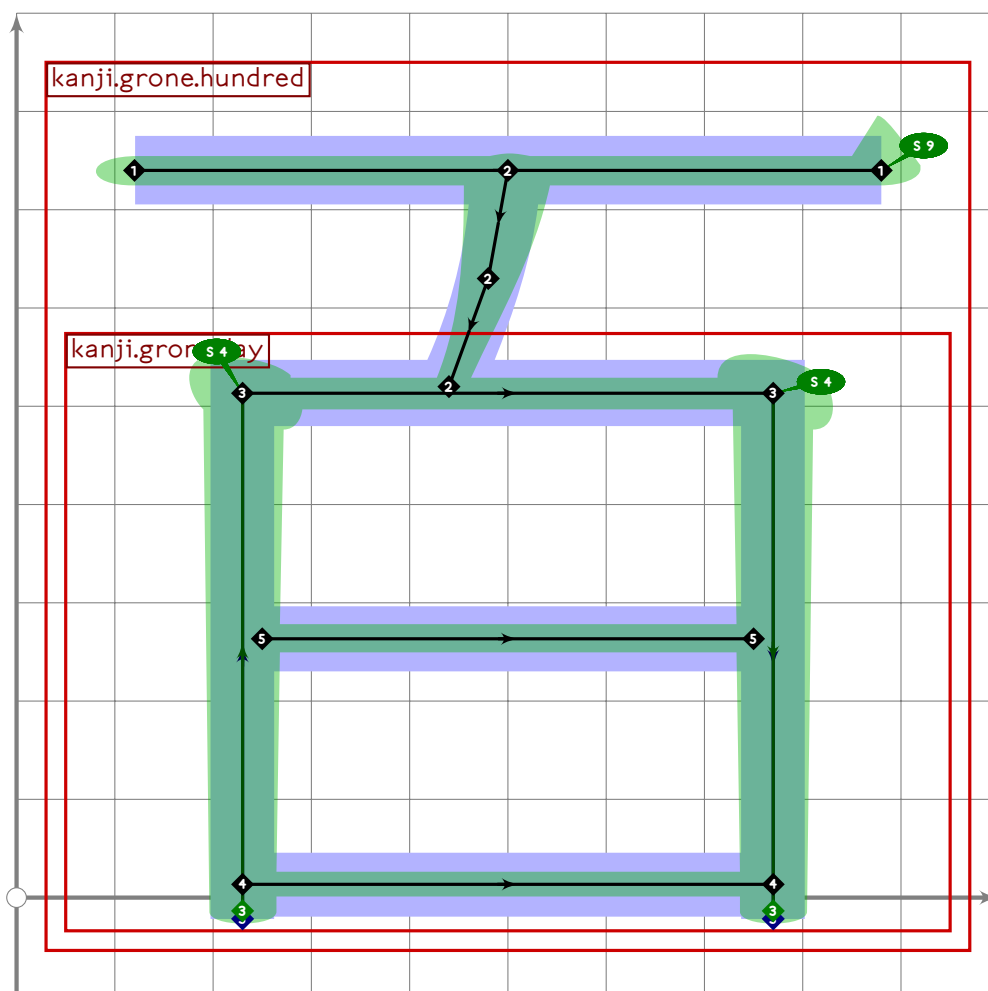
ONE



```

387
388 vardef kanji.grone.heaven =
389   push_pbox__toexpand("kanji.grone.heaven");
390   push_stroke((60,740)–(940,740),(1.6,1.6)–(1.6,1.6));
391   set_boserif(0,19);
392   push_stroke((110,460)–(890,460),(1.6,1.6)–(1.6,1.6));
393   set_boserif(0,19);
394   push_stroke((510,740){down}..(505,510)..(370,200)..{curl 0.5}(50,-20),
395     (1.6,1.6)–(1.6,1.6)–(1.4,1.4)–(1.1,1.1));
396   push_stroke(((get_stroke(-1) intersectionpoint get_stroke(0))+(50,0))..
397     (650,200)..(900,-10),
398     (1.1,1.1)–(1.5,1.5)–(1.7,1.7));
399   expand_pbox;
400 enddef;

```

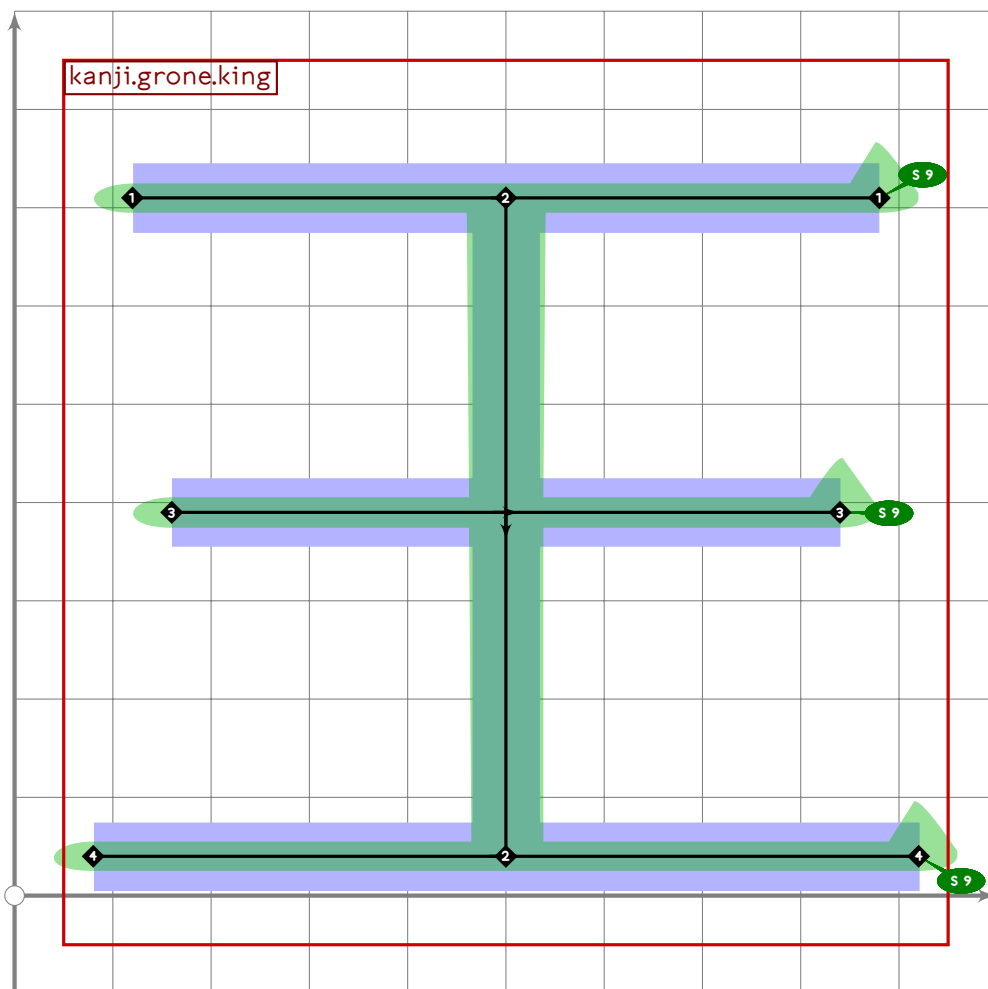


```

401
402 vardef kanji.grone.hundred =
403   push_pbox__toexpand("kanji.grone.hundred");
404   push_stroke((120,740)-(880,740),
405     (1.6,1.6)-(1.6,1.6));
406   set_boserif(0,19);
407   push_stroke((500,740)..(480,630)..(440,520),
408     (1.7,1.7)-(1.3,1.3)-(1,1));
409   tsu_xform(identity yscaled (520/770))(kanji.grone.day);
410   expand_pbox;
411 enddef;

```

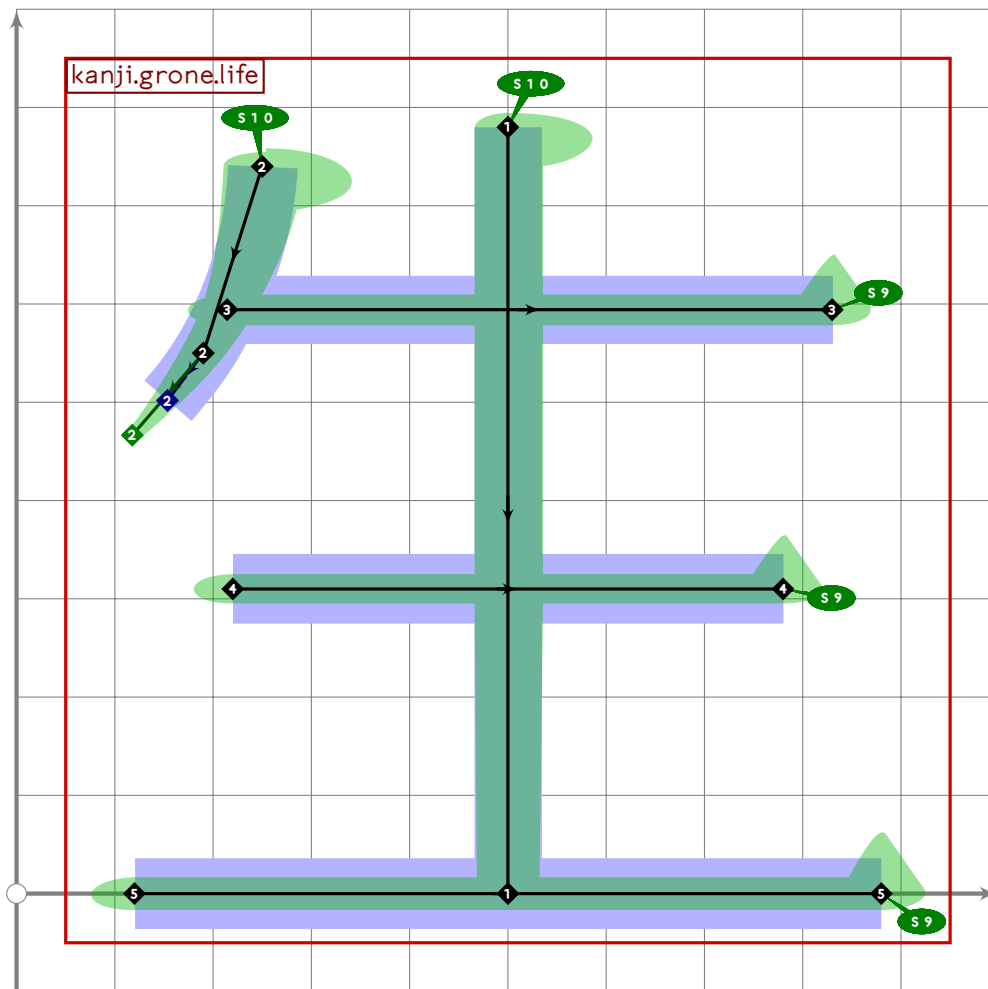
ONE



```

412
413 vardef kanji.grone.king =
414   push_pbox_toexpand("kanji.grone.king");
415   push_stroke((120,710)–(880,710),
416     (1.6,1.6)–(1.6,1.6));
417   set_boserif(0,19);
418   push_stroke((500,710)–(500,40),
419     (1.6,1.6)–(1.5,1.5));
420   push_stroke((160,390)–(840,390),
421     (1.6,1.6)–(1.6,1.6));
422   set_boserif(0,19);
423   push_stroke((80,40)–(920,40),
424     (1.6,1.6)–(1.6,1.6));
425   set_boserif(0,19);
426   expand_pbox;
427 enddef;

```

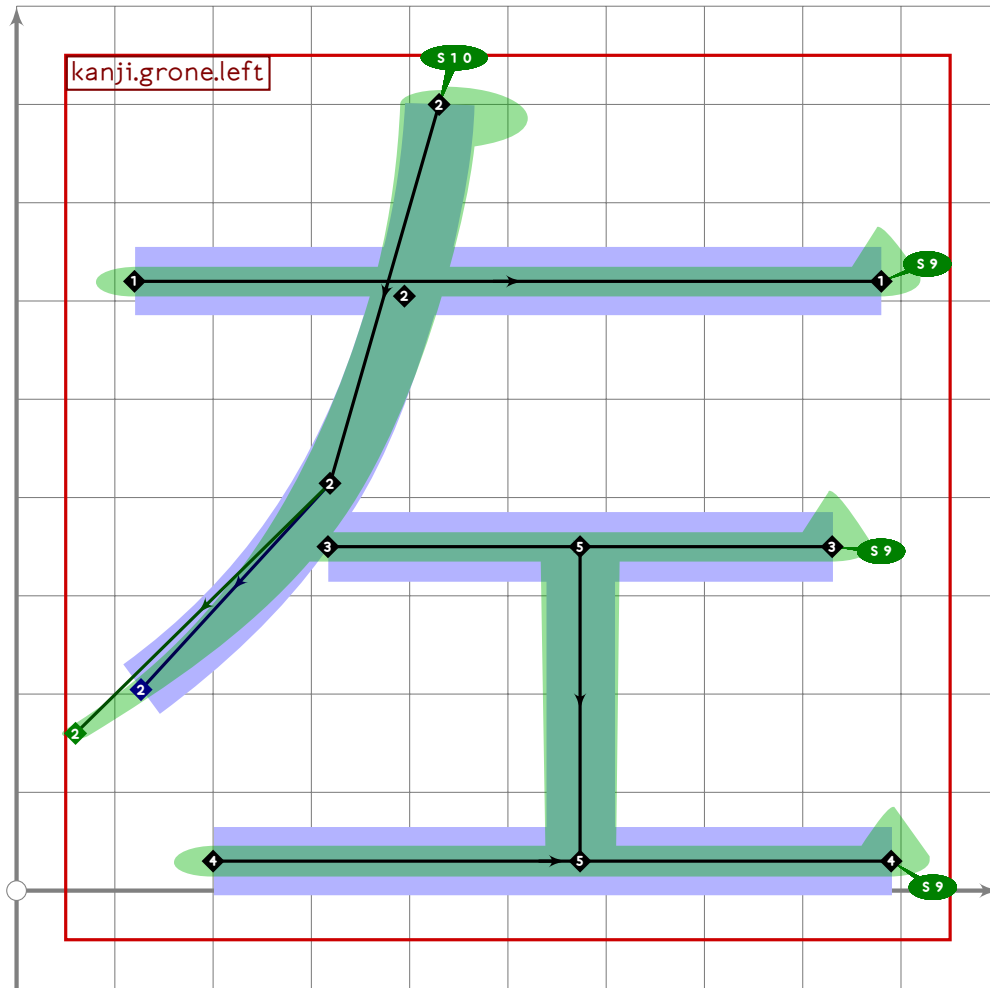


```

428
429 vardef kanji.grone.life =
430   push_pbox_toexpand("kanji.grone.life");
431   push_stroke((500,780)-(500,0),
432     (1.5,1.5)-(1.4,1.4));
433   set_boserif(0,0,10);
434   push_stroke((250,740)..(190,550)..(110,460),
435     (1.6,1.6)-(1.2,1.2)-(0.8,0.8));
436   set_boserif(0,0,10);
437   push_stroke((point 0.75 of get_stroke(0))-
438     (830,y part point 0.75 of get_stroke(0)),
439     (1.6,1.6)-(1.6,1.6));
440   set_boserif(0,1,9);
441   push_stroke((220,310)-(780,310),
442     (1.6,1.6)-(1.6,1.6));
443   set_boserif(0,1,9);
444   push_stroke((120,0)-(880,0),
445     (1.7,1.7)-(1.7,1.7));
446   set_boserif(0,1,9);
447   expand_pbox;
448 enddef;

```

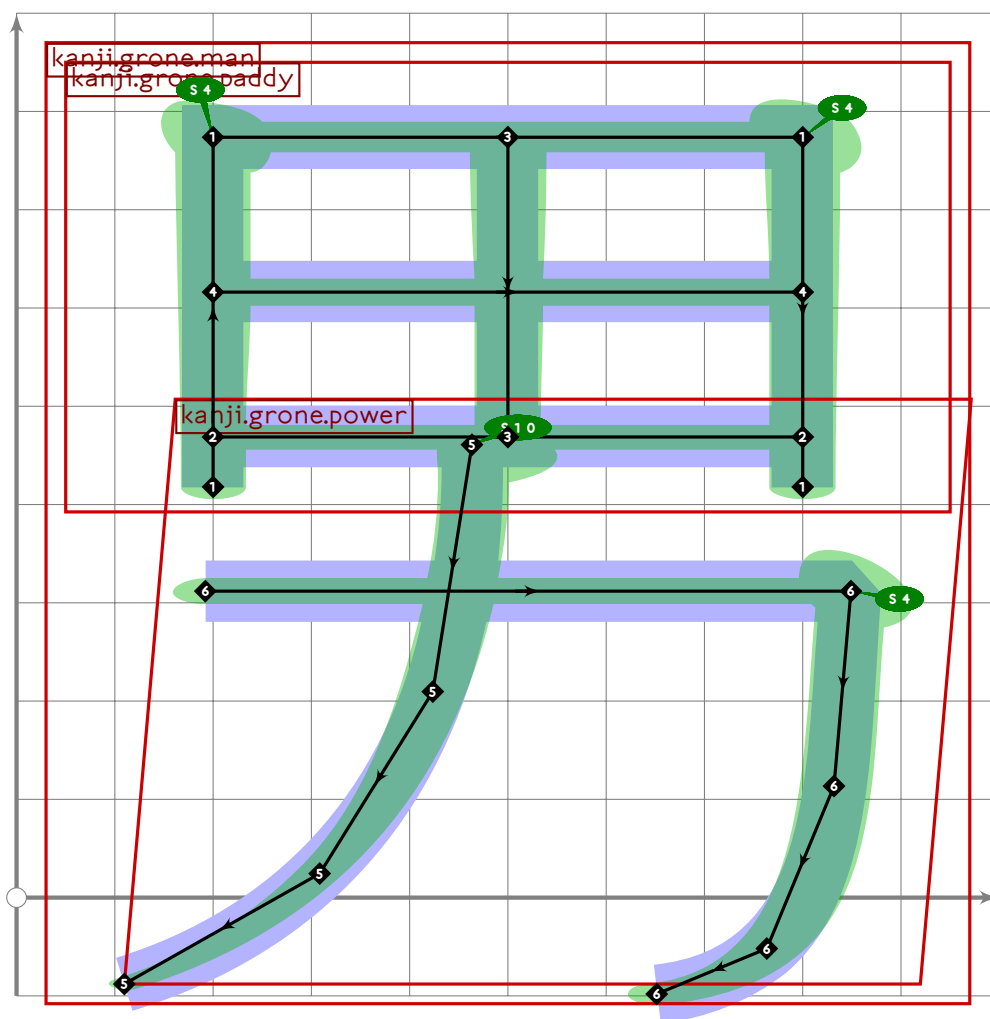
ONE



```

449
450 vardef kanji.grone.left =
451   push_pbox_toexpand("kanji.grone.left");
452   build_kanji.lean_to((430,160));
453   push_stroke(
454     (((0,350)-(1000,350)) intersectionpoint get_stroke(0))+(40,0)..
455     (830,350),
456     (1,6,1,6)-(1,6,1,6));
457   set_boserif(0,1,9);
458   push_stroke((200,30)..(890,30),
459     (1,6,1,6)-(1,6,1,6));
460   set_boserif(0,1,9);
461   push_stroke(
462     (point 0.5 of get_stroke(-1))-(xpart point 0.5 of get_stroke(-1),30),
463     (1,6,1,6)-(1,5,1,5));
464   expand_pbox;
465 enddef;

```

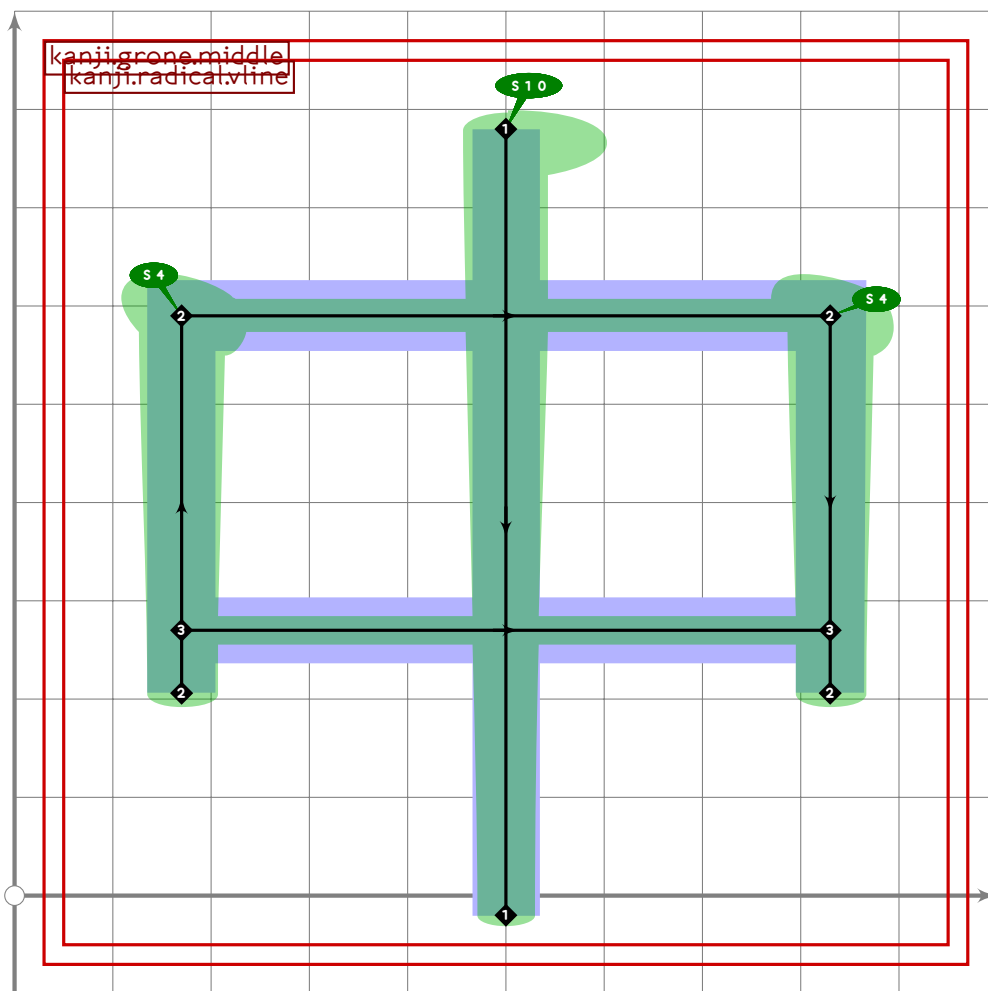
```

466
467 vardef kanji.grone.man =
468   push_pbox_toexpand("kanji.grone.man");
469   build_kanji.level(build_kanji.tb(430,75)
470     (kanji.grone.paddy)
471     (build_kanji.sscale(xyscaled (0,1,15) slanted 0.05 shifted (40,0))
472       (kanji.grone.power)));
473   replace_strokep(0)(oldp shifted (0,-30));
474   expand_pbox;
475 enddef;

```

U+4E2D
tsuku.uni4E2D

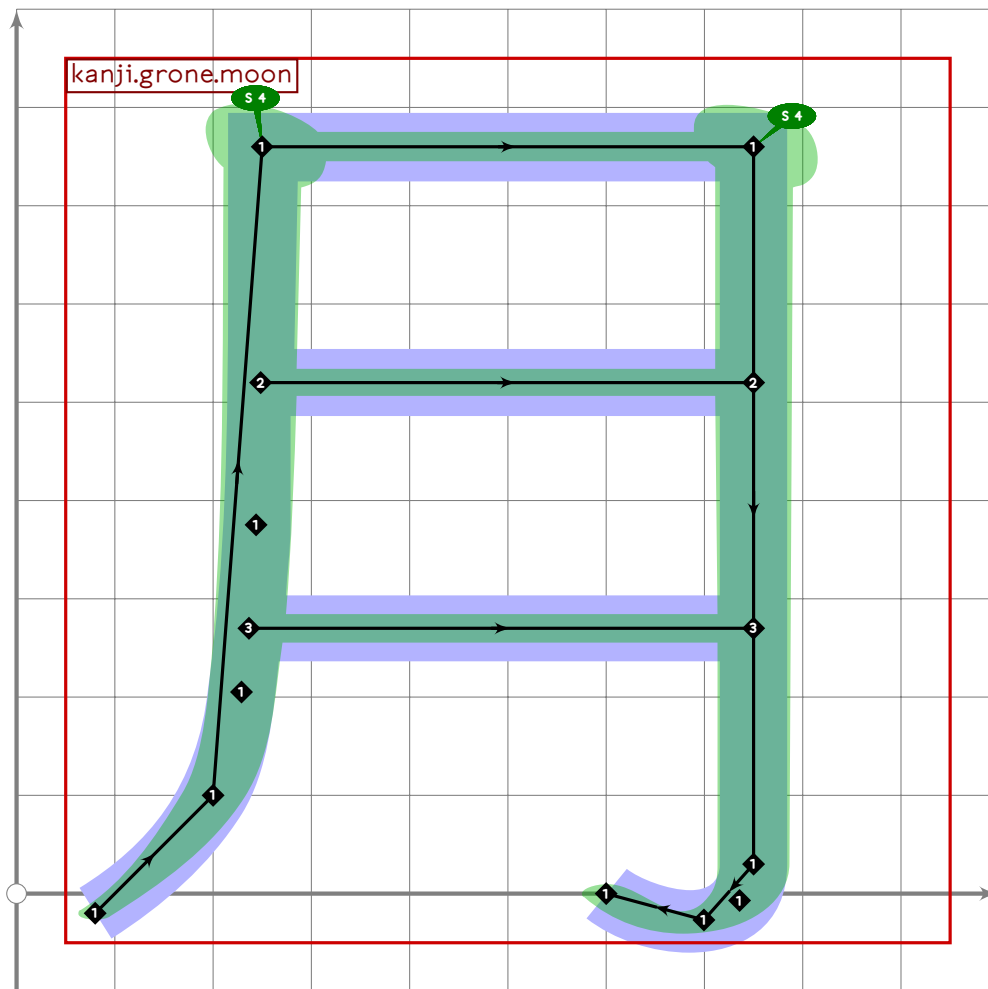
ONE



```

476
477 vardef kanji.grone.middle =
478   push_pbox__toexpand("kanji.grone.middle");
479   kanji.radical.vline;
480   build_kanji.box((170,590),(830,270));
481   expand_pbox;
482 enddef;

```

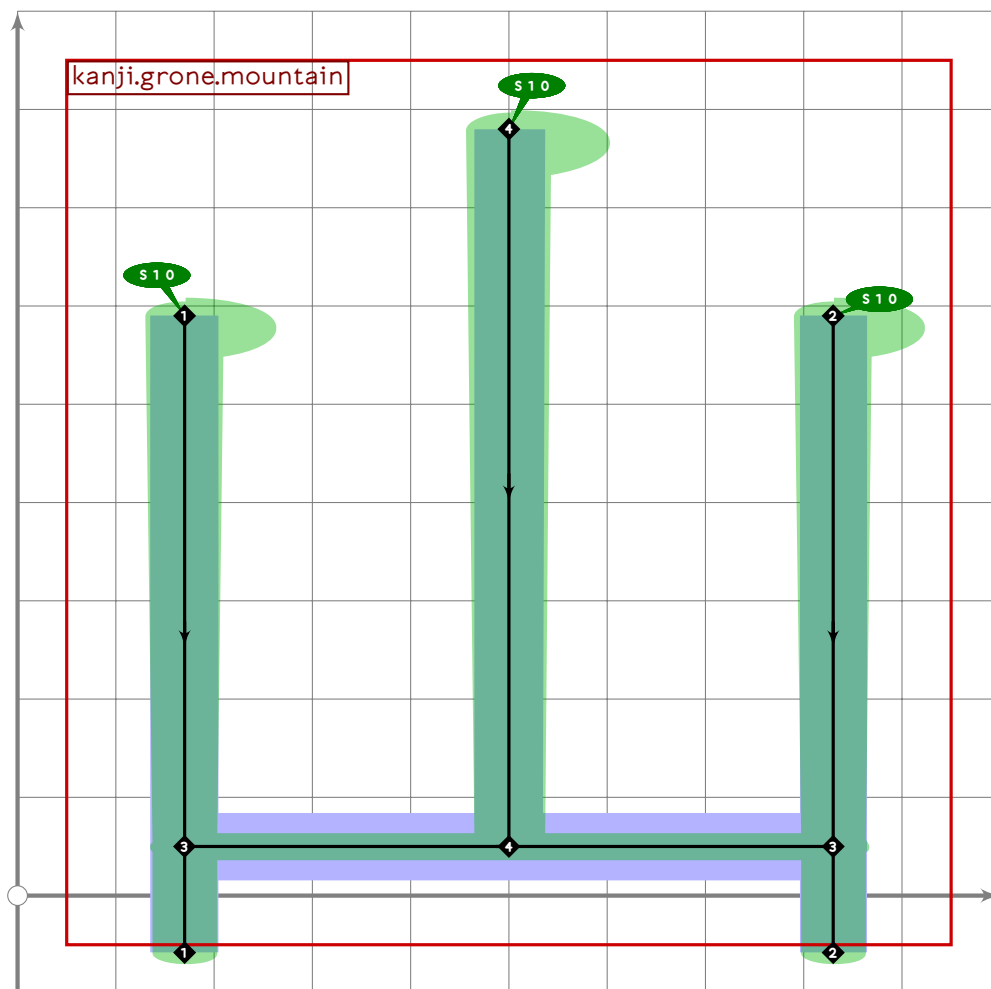


```

483
484 vardef kanji.grone.moon =
485   push_pbox_toexpand("kanji.grone.moon");
486   push_stroke((80,20)..(200,100)...{dir 89999}(250,760)-(750,760),
487     (1,1)-(14,14)-(1.6,1.6)-(1.6,1.6));
488   build_kanji.add_jtail(0);
489   set_botip(0,2,1);
490   set_botip(0,3,1);
491   set_boserif(0,2,4);
492   set_boserif(0,3,4);
493   push_stroke(
494     (get_strokep(0) intersectionpoint ((0,520)-(1000,520)))-(750,520),
495     (1.5,1.5)-(1.5,1.5));
496   push_stroke(
497     (get_strokep(-1) intersectionpoint ((0,270)-(1000,270)))-(750,270),
498     (1.5,1.5)-(1.5,1.5));
499   expand_pbox;
500 enddef;

```

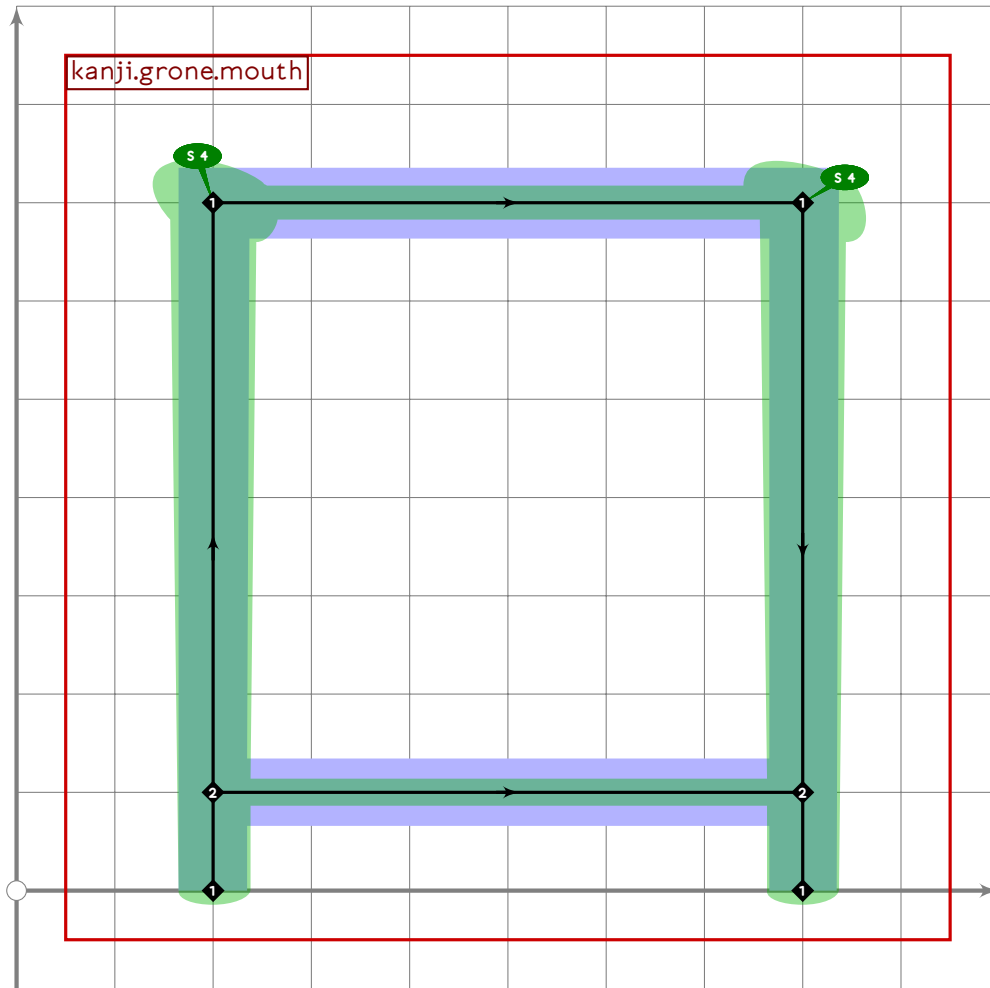
ONE



```

501
502 vardef kanji.grone.mountain =
503   push_pbox__toexpand("kanji.grone.mountain");
504   build_kanji.cup((170,590),(830,50));
505   push_stroke((500,780)-(500,50),
506     (1.7,1.7)-(1.5,1.5));
507   set_boserif(0,0,10);
508   expand_pbox;
509 enddef;

```

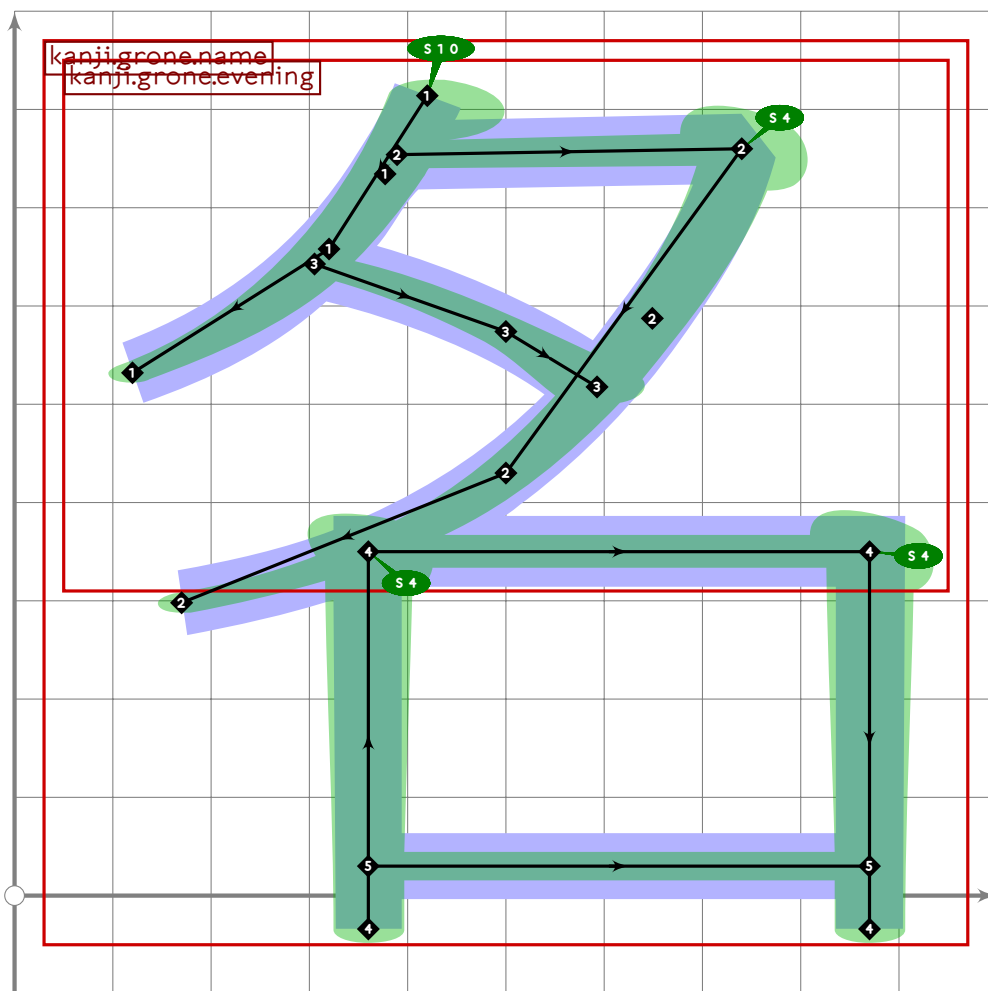


```

510
511 vardef kanji.grone.mouth =
512   push_pbox_toexpand("kanji.grone.mouth");
513   build_kanji.box((200,700),(800,100));
514   expand_pbox;
515 enddef;

```

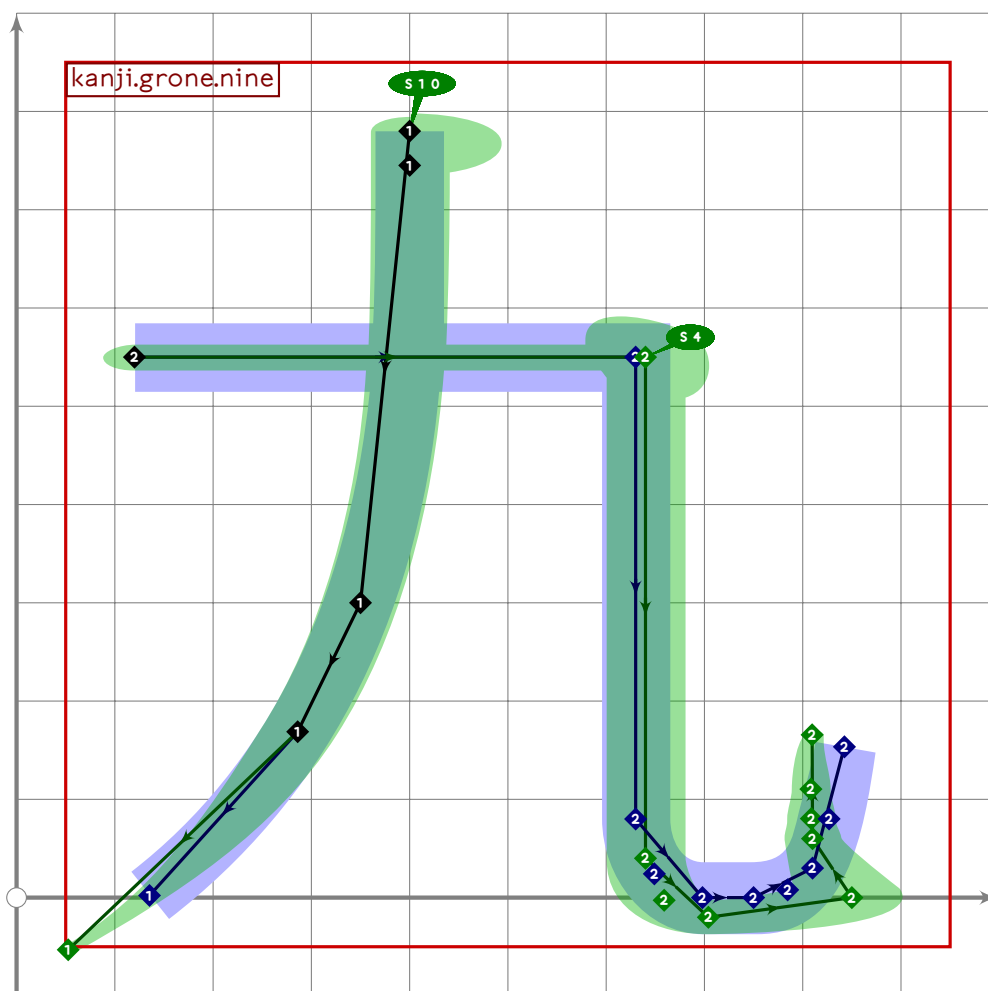
ONE



```

516
517 vardef kanji.grone.name =
518   push_pbox__toexpand("KANJI.GRONE.NAME");
519   tsu_xform(identity shifted (-50,-850) yscaled 0.6 shifted (50,850))
520     (KANJI.GRONE.EVENING);
521   set_bosize(-2,102);
522   set_bosize(-1,102);
523   set_bosize(0,102);
524   build_kanji.box((360,350),(870,30));
525   expand_pbox;
526 enddef;

```

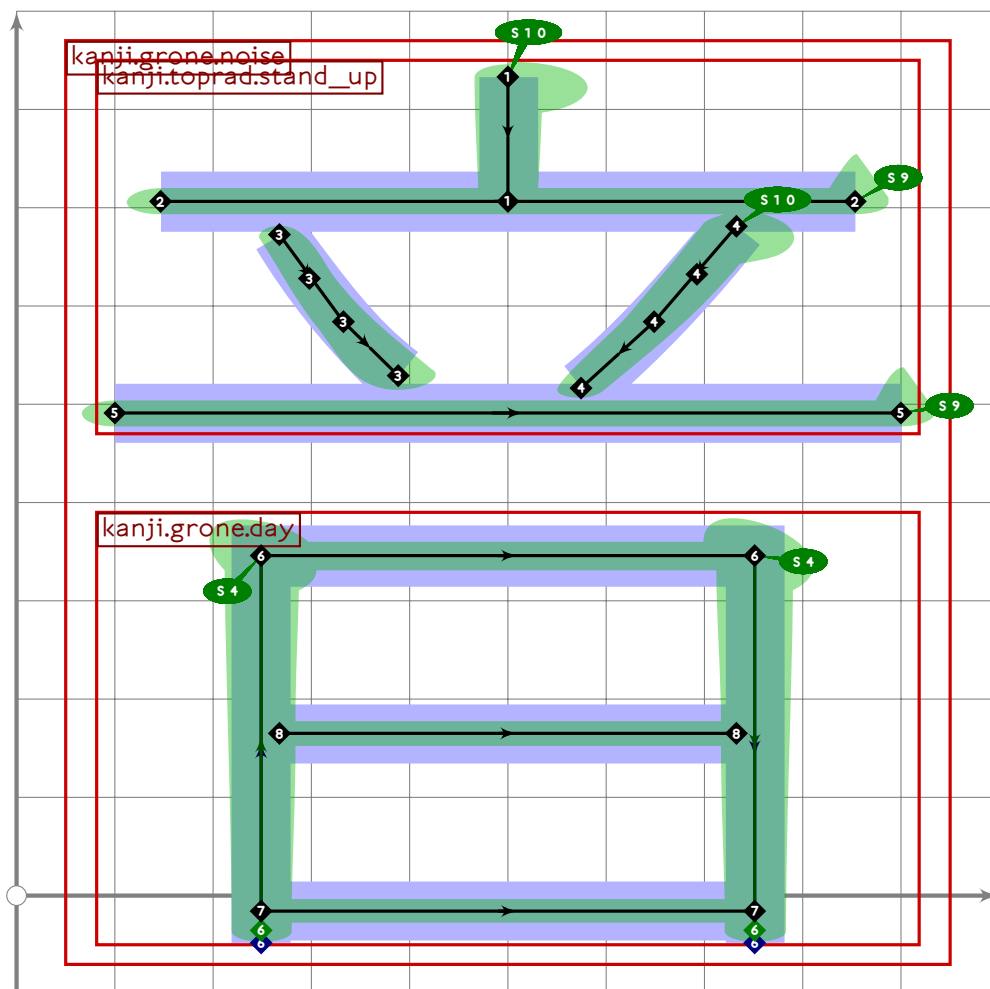


```

527
528 vardef kanji.grone.nine =
529   push_pbox__toexpand("kanji.grone.nine");
530   push_stroke((400,780){down}..(350,300)..(40,-60),
531     (1.6,1.6)–(1.6,1.6)–(1.6,1.6)–(0.8,0.7));
532   replace_strokep(0)(insert_nodes(oldp)(1.3));
533   set_boserif(0,0,10);
534   push_stroke((120,550)–(630+10*mincho,550),
535     (1.4,1.4)–(1.6,1.6));
536   build_kanji.add_ltail(0);
537   set_botip(0,1,1);
538   set_boserif(0,1,4);
539   expand_pbox;
540 enddef;

```

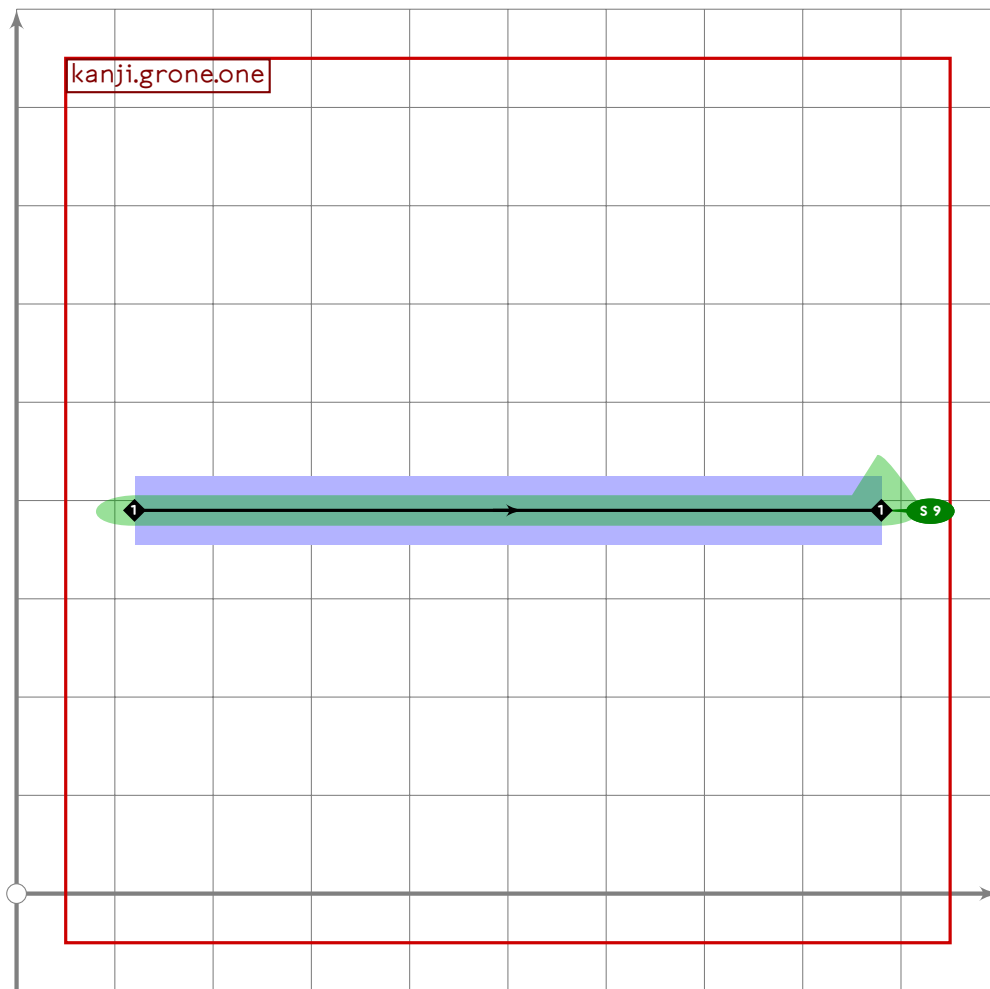
ONE



```

541
542 vardef kanji.grone.noise =
543   push_pbox__toexpand("kanji.grone.noise");
544   build_kanji.level(build_kanji.sscale(xscaled 0.93)(
545     build_kanji.tb(430;80)
546     (kanji.toprad.stand_up)
547     (kanji.grone.day)));
548   expand_pbox;
549 enddef;

```

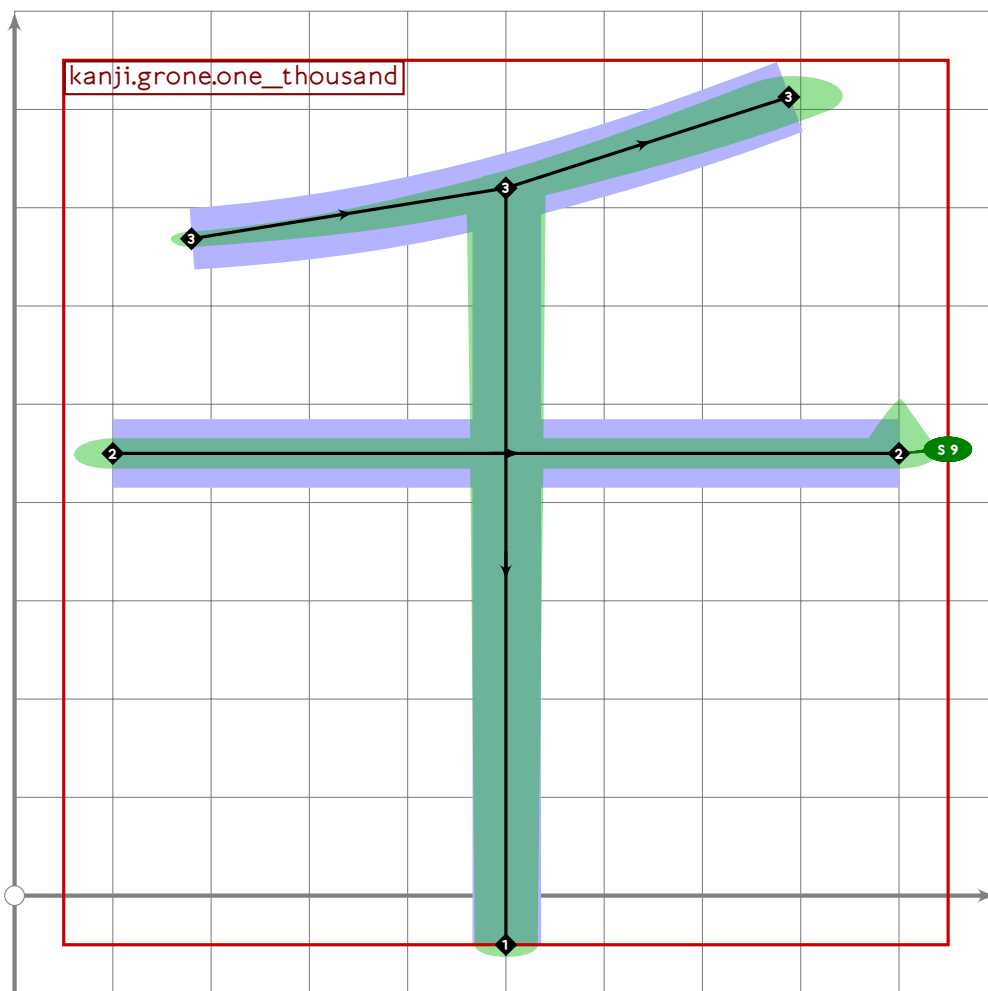



```

550
551 vardef kanji.grone.one =
552   push_pbox_toexpand("kanji.grone.one");
553   push_stroke((120,390)-(880,390),
554     (1.6,1.6)-(1.6,1.6));
555   set_boserif(0,19);
556   expand_pbox;
557 enddef;

```

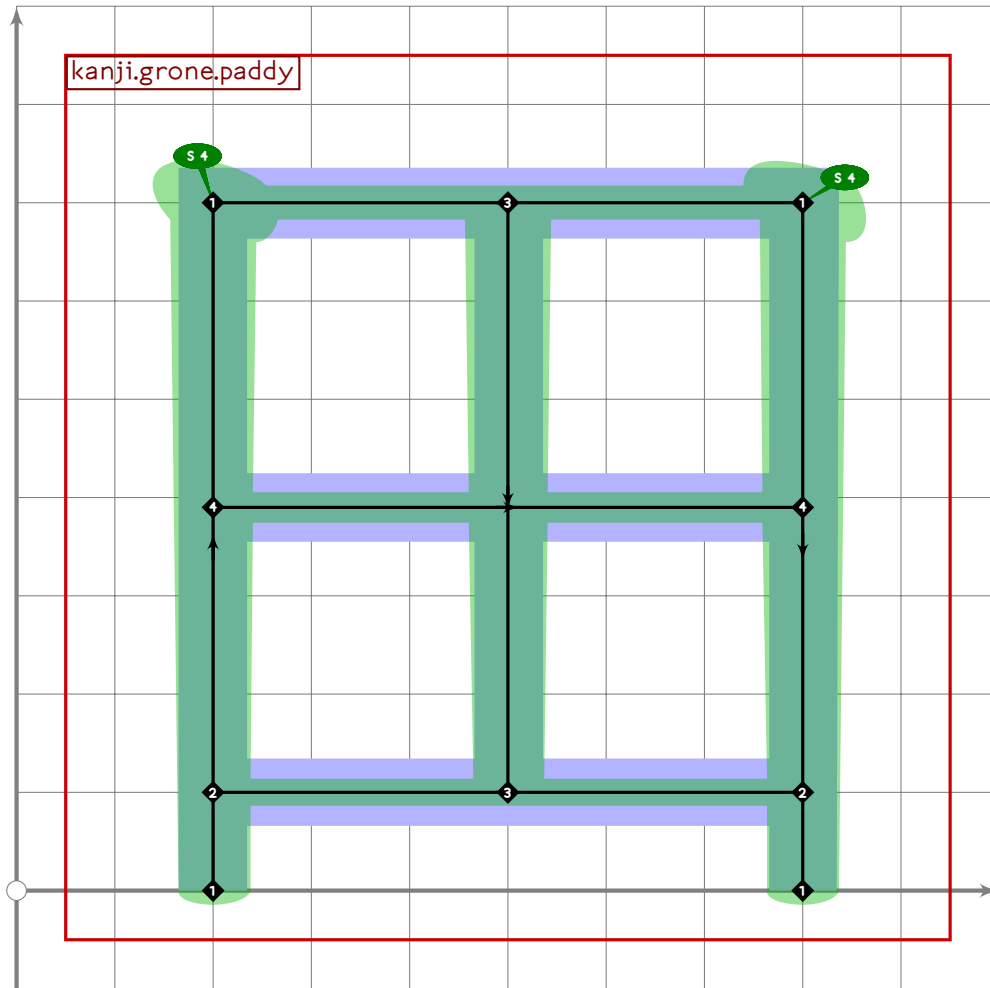
ONE



```

558
559 vardef kanji.grone.one_thousand =
560   push_pbox__toexpand("kanji.grone.one_thousand");
561   build_kanji.add_beret(
562     push_stroke((500,720)–(500,-50),(1.6,1.6)–(1.4,1.4));
563     push_stroke((100,450)–(900,450),(1.6,1.6)–(1.6,1.6));
564     set_boserif(0,1,9);
565   );
566   expand_pbox;
567 enddef;

```

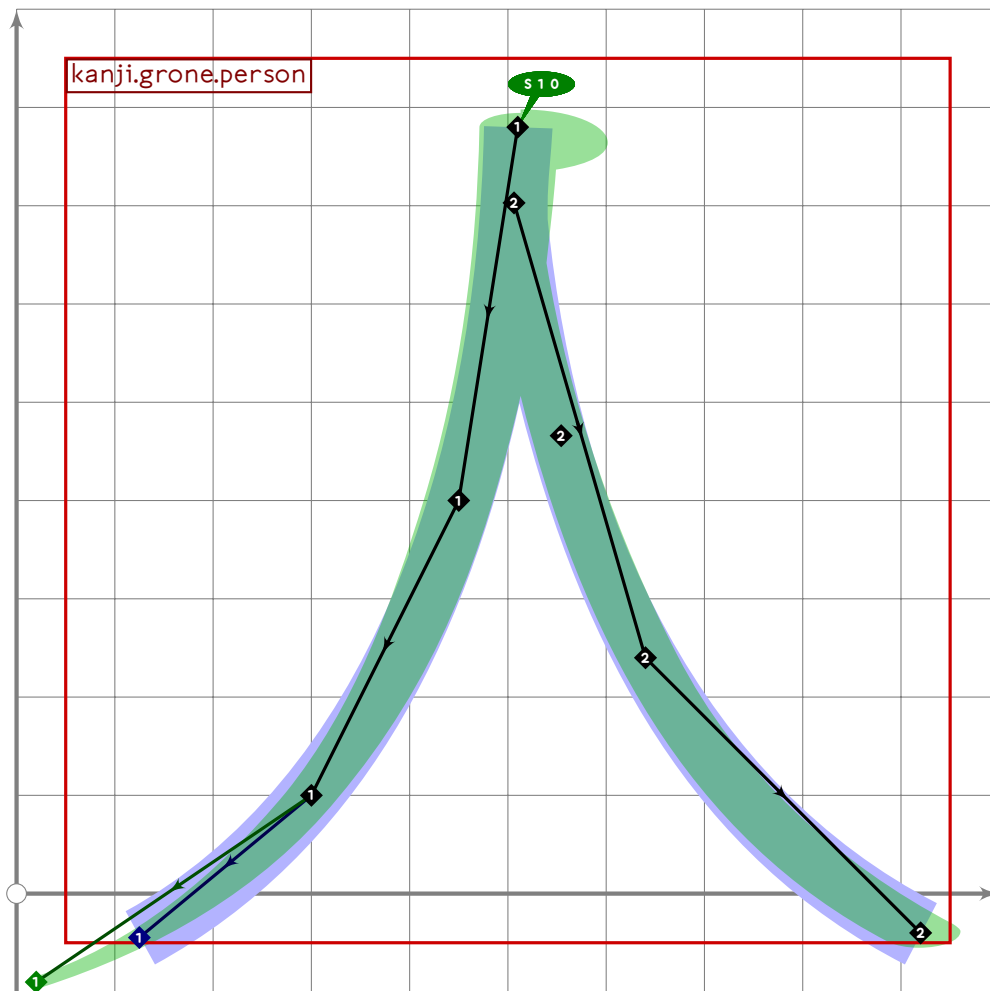


```

568
569 vardef kanji.grone.paddy =
570   push_pbox__toexpand("KANJI.GRONE.PADDY");
571   build_kanji.box((200,700),(800,100));
572   push_stroke((500,700)–(500,100),
573     (1.7,1.7)–(1.5,1.5));
574   push_stroke((200,390)–(800,390),
575     (1.6,1.6)–(1.6,1.6));
576   expand_pbox;
577 enddef;

```

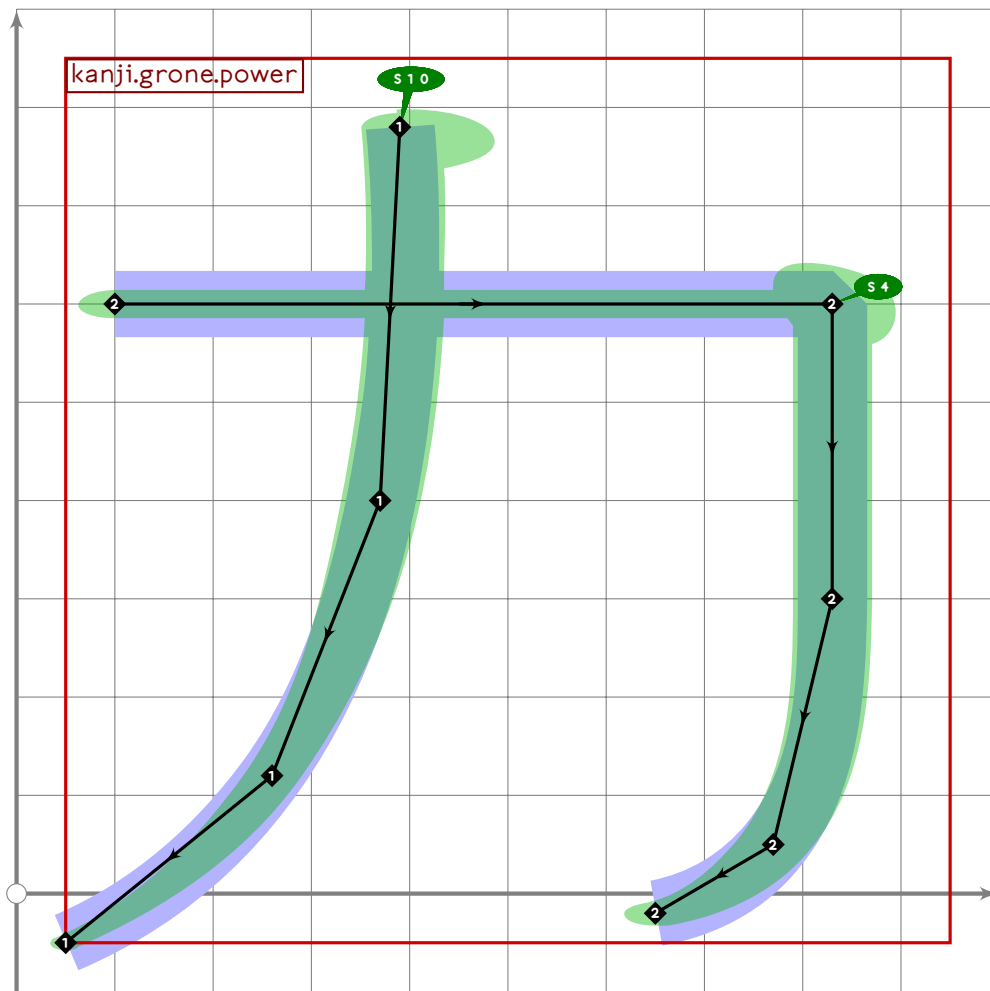
ONE



```

578
579 vardef kanji.grone.person =
580   push_pbox__toexpand("kanji.grone.person");
581   push_stroke((510,780)..(450,400)..(300,100)..(20,-90),
582     (1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(0.85,0.85));
583   set_boserif(0,0,10);
584   push_stroke(
585     (point 0.2 of get_strokep(0))..tension 1.2..(640,240)..(920,-40),
586     (1.2,1.2)-(1.4,1.4)-(1.6,1.6));
587   expand_pbox;
588 enddef;

```

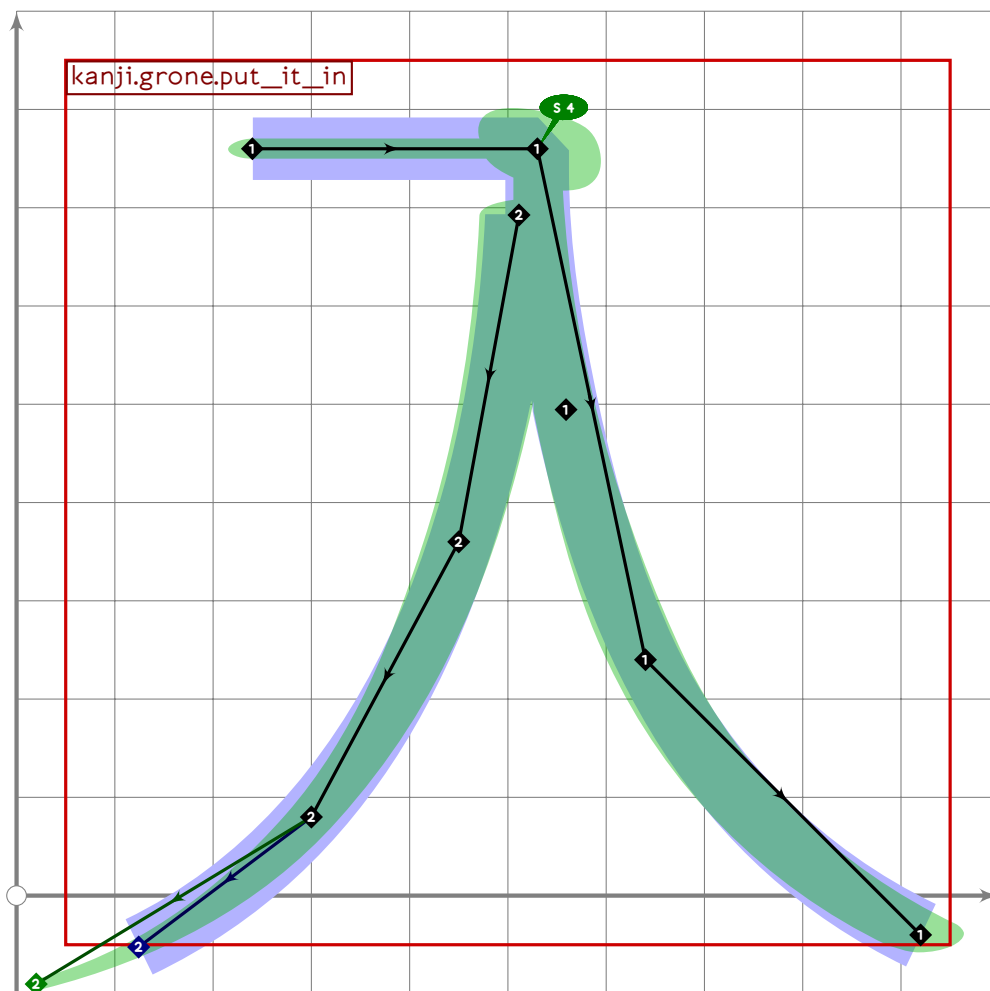


```

589
590 vardef kanji.grone.power =
591   push_pbox__toexpand("kanji.grone.power");
592   push_stroke((390,780)..(370,400)..(260,120)..(50,-50),
593     (1.6,1.6)-(1.6,1.6)-(1.3,1.3)-(1,1));
594   set_boserif(0,0,10);
595   push_stroke(
596     (100,600)-(830,600)..tension 11..(830,300)..(770,50)..(650,-20),
597     (1.5,1.5)-(1.6,1.6)-(1.6,1.6)-(1.6,1.6)-(1.4,1.4));
598   set_botip(0,1,0);
599   set_boserif(0,1,4);
600   expand_pbox;
601 enddef;

```

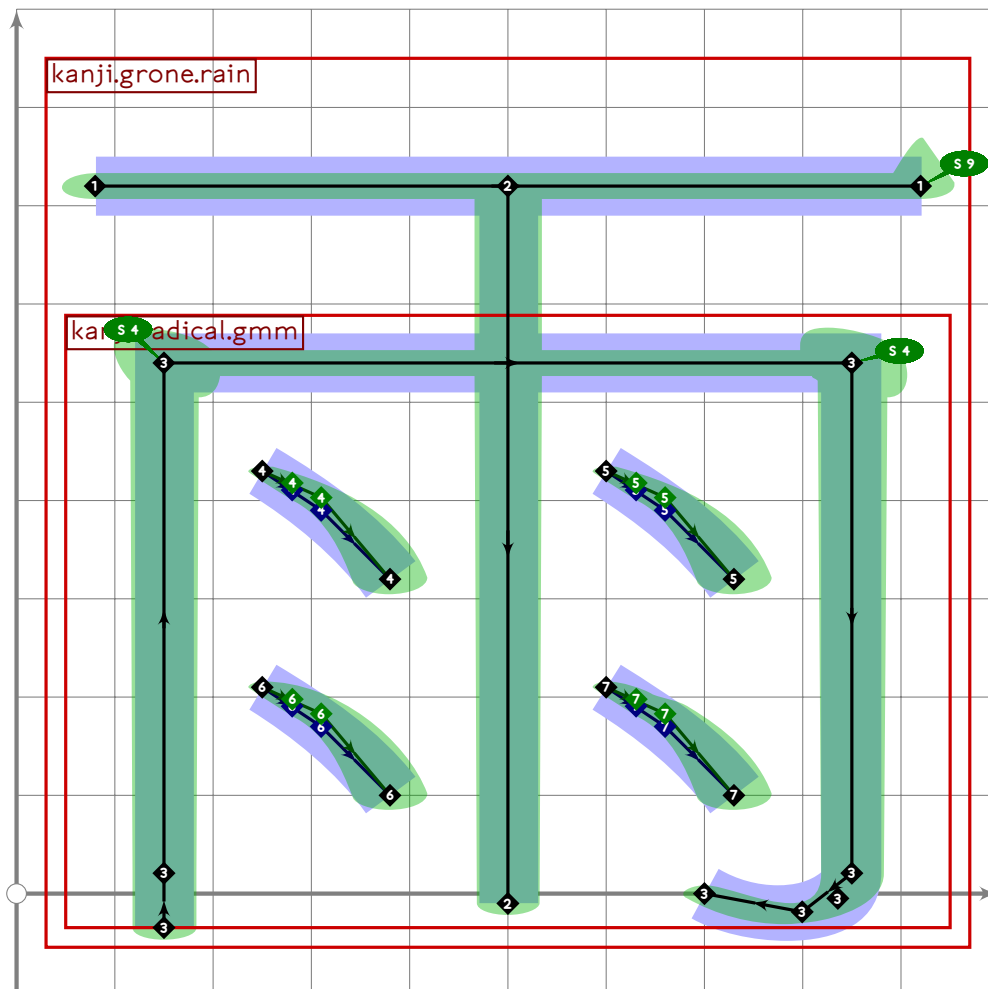
ONE



```

602
603 vardef kanji.grone.put_it_in =
604   push_pbox__toexpand("kanji.grone.put_it_in");
605   push_stroke((240,760)-(530,760)..tension 1.2..(640,240)..(920,-40),
606     (1.2,1.2)-(1.2,1.2)-(1.6,1.6)-(1.7,1.7));
607   set_botip(0,1,0);
608   set_boserif(0,1,4);
609   push_stroke(
610     ((-20,0)+point 1.14 of get_stroke(0))..(450,360)..(300,80)..(20,-90),
611     (1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(0.85,0.85));
612   expand_pbox;
613 enddef;

```

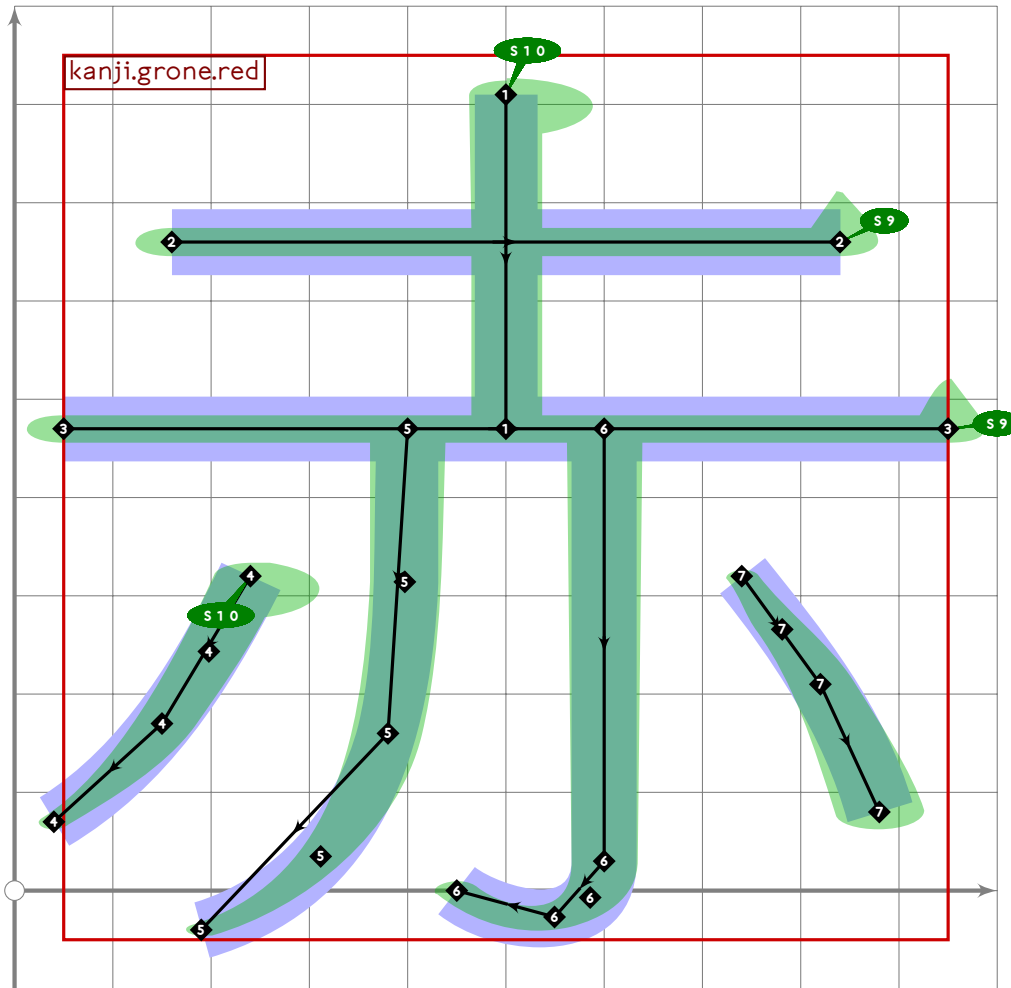


```

614
615 vardef kanji.grone.rain =
616   push_pbox__toexpand("kanji.grone.rain");
617   build_kanji.level(
618     push_stroke((80,720)-(920,720),(1.6,1.6)-(1.6,1.6));
619     set_boserif(0,1,9);
620     push_stroke((500,720)-(500,10),(1.6,1.6)-(1.5,1.5));
621     tsu_xform(identity yscaled (540/780))(kanji.radical.gmm);
622     push_stroke((250,430)..tension 1.2..(310,390+13*mincho)..(380,320),
623       (1,1)-(1.4,1.4)-(1.7,1.7));
624     set_bosize(0,80);
625     push_stroke(get_stroke(0) shifted (350,0),get_stroke(0));
626     set_bosize(0,80);
627     push_stroke(get_stroke(-1) shifted (0,-220),get_stroke(-1));
628     set_bosize(0,80);
629     push_stroke(get_stroke(-2) shifted (350,-220),get_stroke(-2));
630     set_bosize(0,80);
631   );
632   expand_pbox;
633 enddef;

```

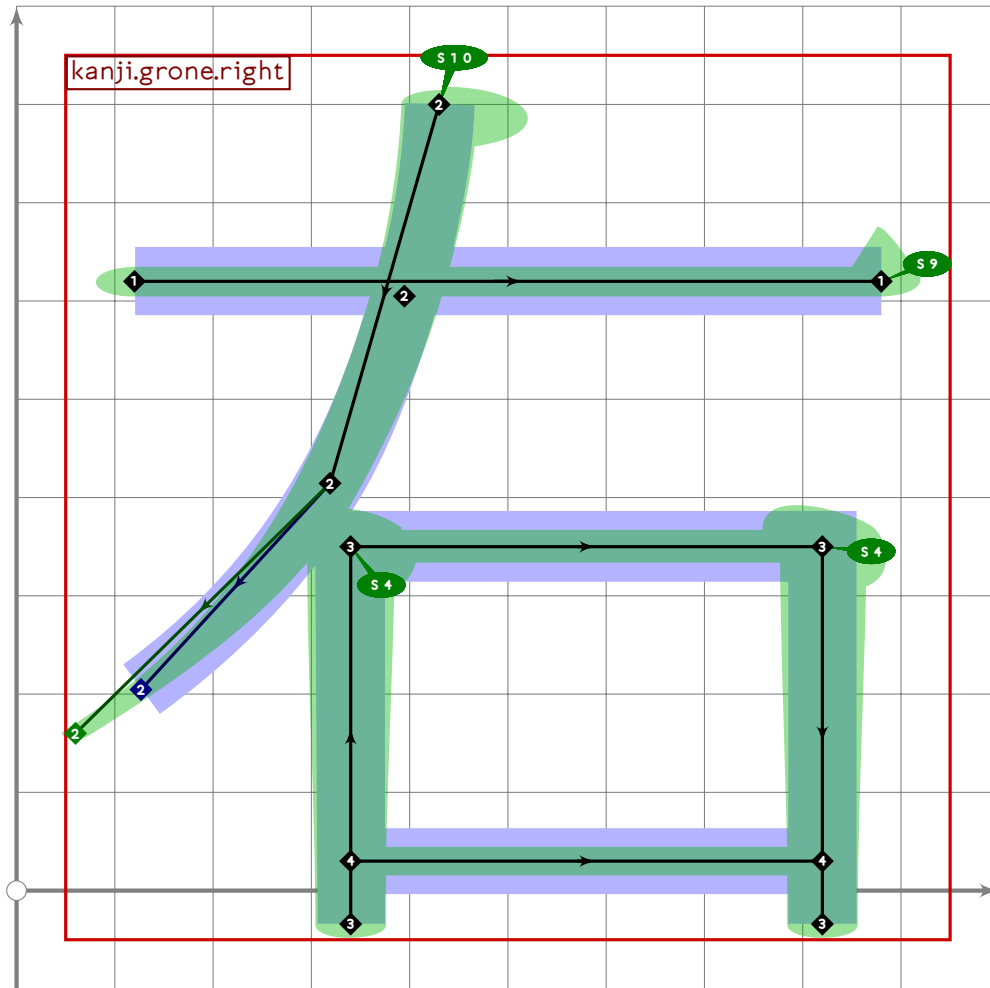
ONE



```

634
635 vardef kanji.grone.red =
636   push_pbox_toexpand("kanji.grone.red");
637   push_stroke((500,810)-(500,470),(1.6,1.6)-(1.5,1.5));
638   set_boserif(0,0,10);
639   push_stroke((160,660)-(840,660),(1.6,1.6)-(1.6,1.6));
640   set_boserif(0,1,9);
641   push_stroke((50,470)-(950,470),(1.6,1.6)-(1.6,1.6));
642   set_boserif(0,1,9);
643   push_stroke((240,320)..tension 1.3..(150,170)..(40,70),
644     (1.6,1.6)-(1.5,1.5)-(1,1));
645   set_boserif(0,0,10);
646   push_stroke((400,470){down}..tension 1.3..(380,160)..(190,-40),
647     (1.6,1.6)-(1.5,1.5)-(1,1));
648   push_stroke((600,470),(1.6,1.6));
649   build_kanji.add_jtail(0);
650   push_stroke((740,320)..tension 1.3..(820,210)..(880,80),
651     (1,1)-(1.5,1.5)-(1.8,1.8));
652   for i=-6 upto 0: set_bosize(i,94); endfor;
653   expand_pbox;
654 enddef;

```

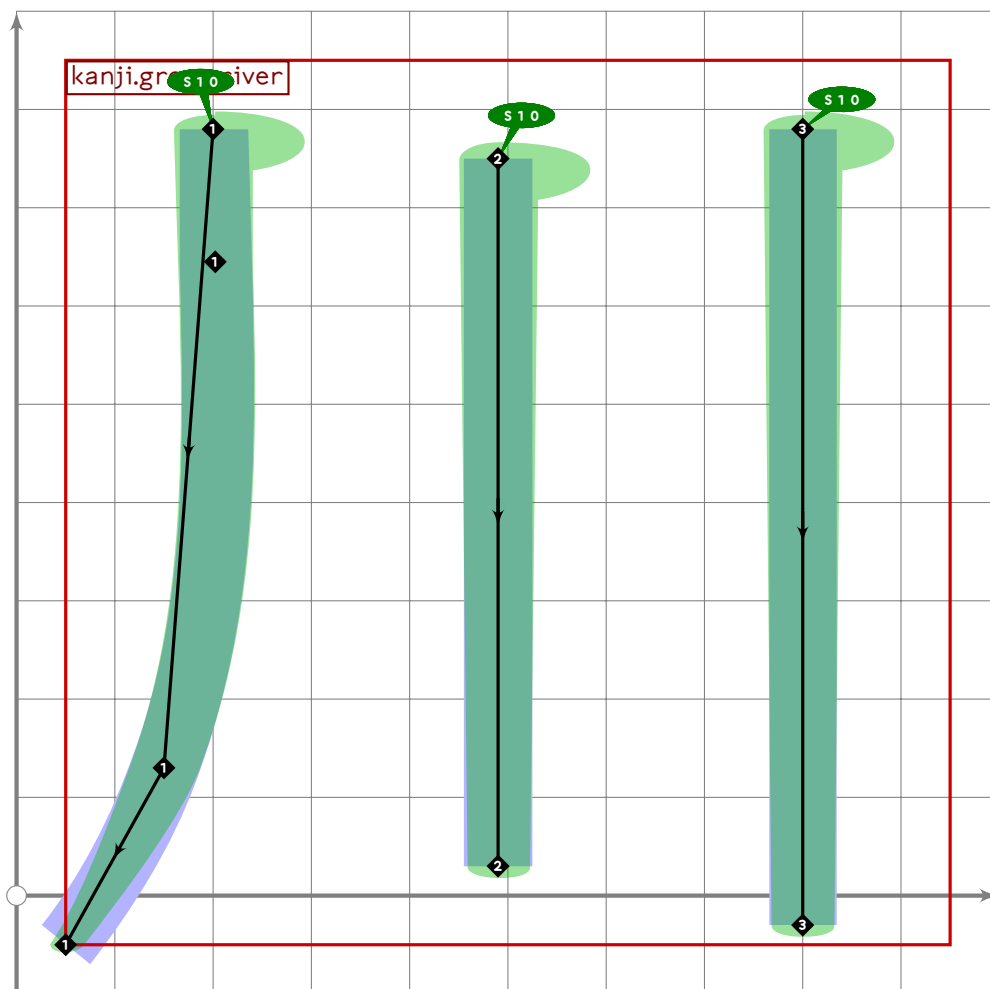



```

655
656 vardef kanji.grone.right =
657   push_pbox_toexpand("kanji.grone.right");
658   build_kanji.lean_to((430,160));
659   build_kanji.box((340,350),(820,30));
660   expand_pbox;
661 enddef;

```

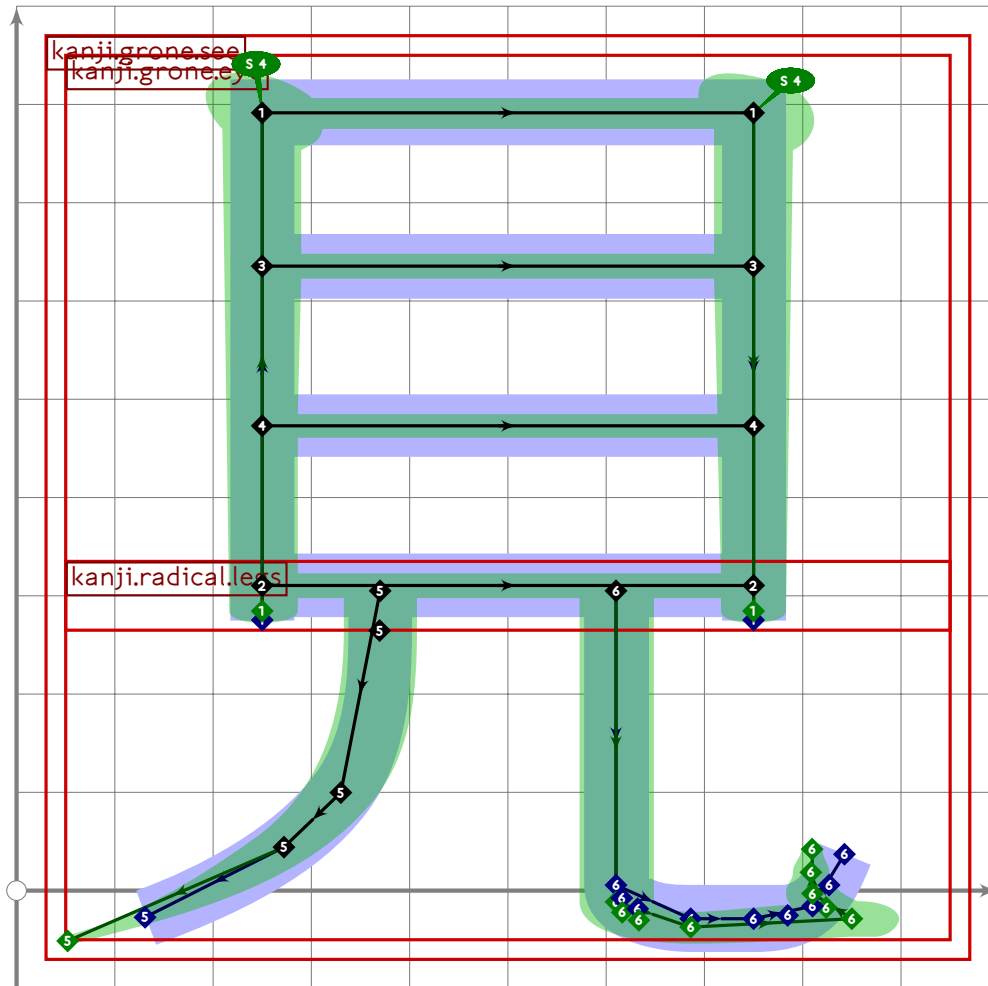
ONE



```

662
663 vardef kanji.grone.river =
664   push_pbox__toexpand("kanji.grone.river");
665   push_stroke((200,780){down}..(150,130)..(50,-50),
666     (1.6,1.6)-(1.5,1.5)-(1,1));
667   set_boserif(0,0,10);
668   push_stroke((490,750)-(490,30),
669     (1.6,1.6)-(1.4,1.4));
670   set_boserif(0,0,10);
671   push_stroke((800,780)-(800,-30),
672     (1.6,1.6)-(1.4,1.4));
673   set_boserif(0,0,10);
674   expand_pbox;
675 enddef;

```

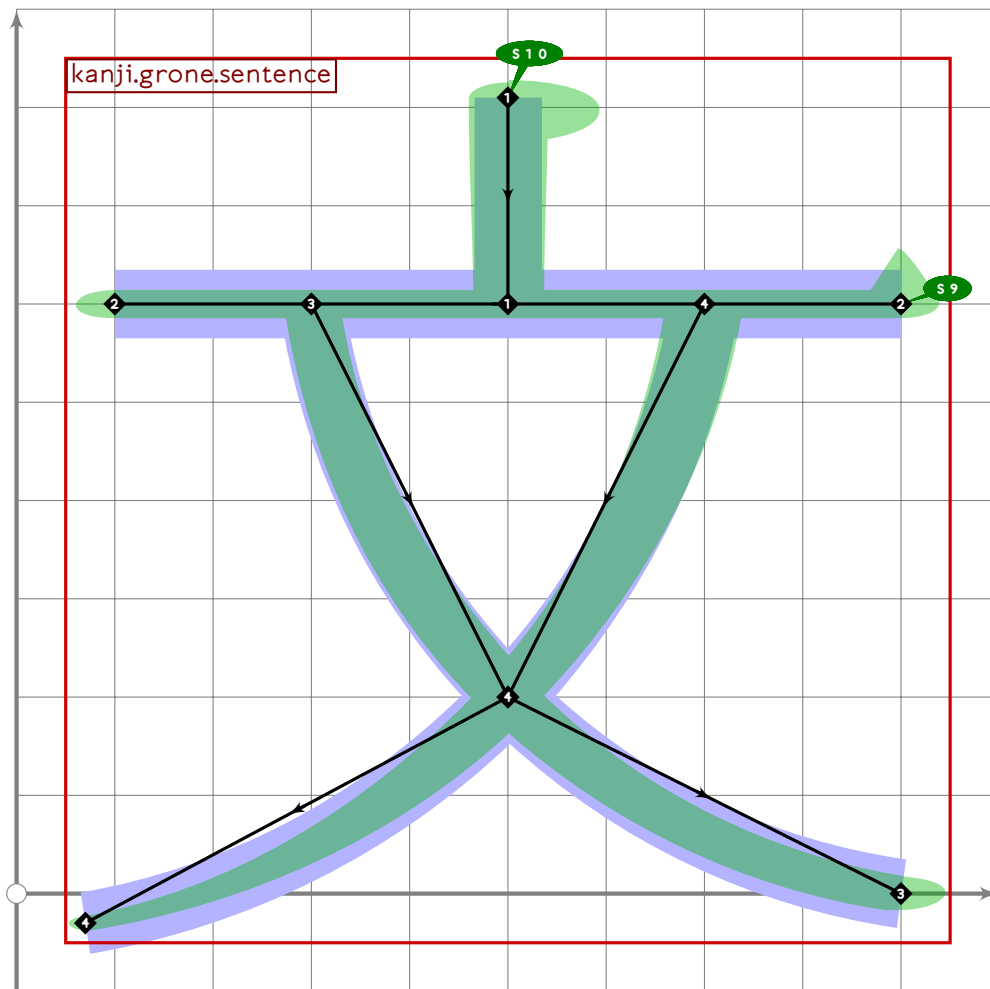


```

676
677 vardef kanji.grone.see =
678   push_pbox__toexpand("kanji.grone.see");
679   build_kanji.level(build_kanji.tb(300,70)
680     (kanji.grone.see)
681     (kanji.radical.legs));
682   expand_pbox;
683 enddef;

```

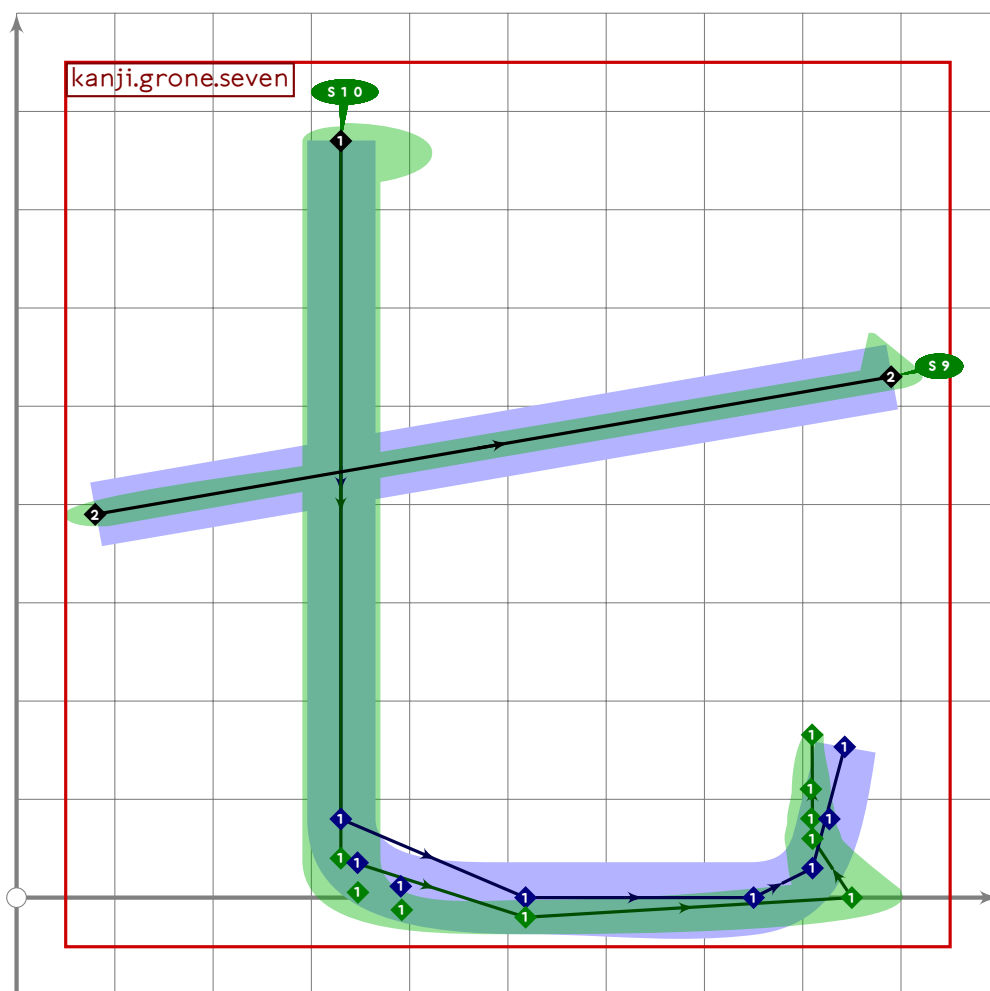
ONE



```

684
685 vardef kanji.grone.sentence =
686   push_pbox__toexpand("kanji.grone.sentence");
687   push_stroke((500,810)-(500,600),
688     (1.6,1.6)-(1.5,1.5));
689   set_boserif(0,0,10);
690   push_stroke((100,600)-(900,600),
691     (1.6,1.6)-(1.6,1.6));
692   set_boserif(0,1,9);
693   push_stroke((300,600)..(500,200)..(900,0),
694     (1.3,1.3)-(1.5,1.5)-(1.7,1.7));
695   push_stroke((700,600)..(500,200)..(70,-30),
696     (1.6,1.6)-(1.5,1.5)-(1,1));
697   expand_pbox;
698 enddef;

```



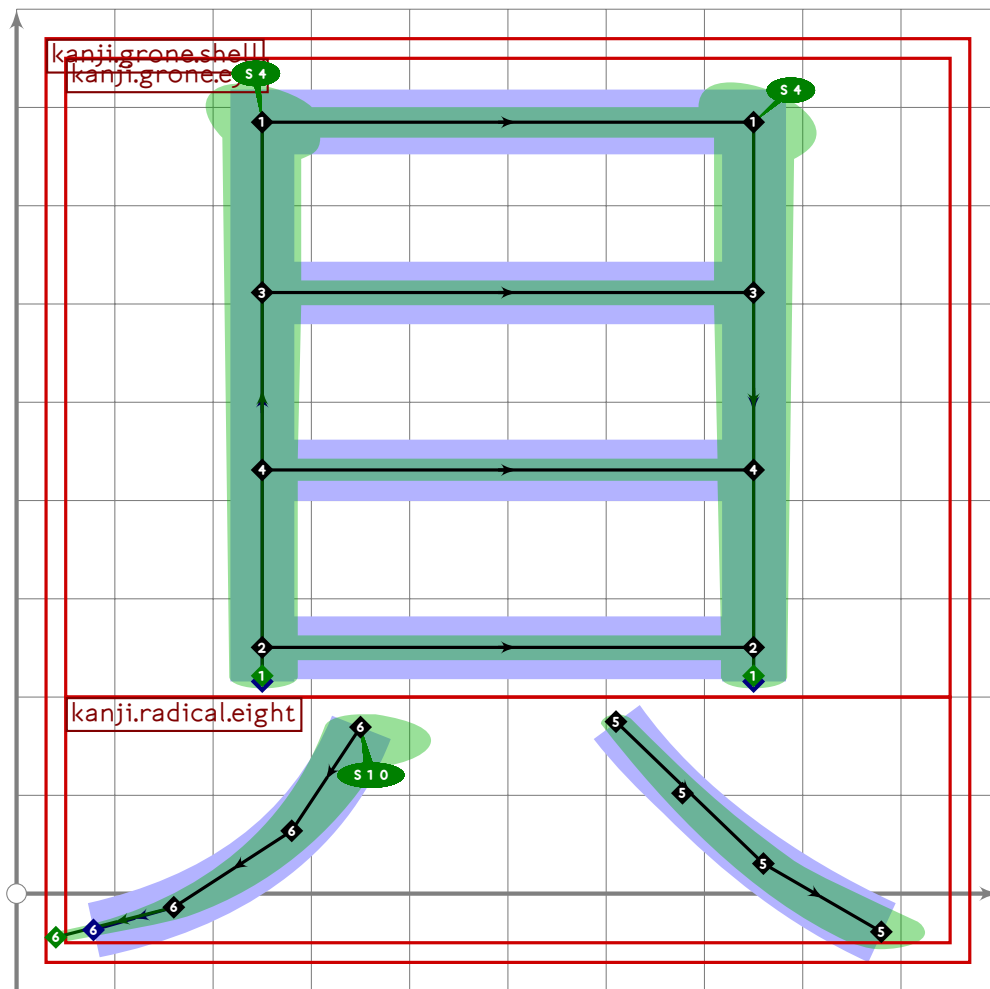
```

699
700 vardef kanji.grone.seven =
701   push_pbox__toexpand("kanji.grone.seven");
702   push_stroke((330,770),
703     (1.6,1.6));
704   build_kanji.add_ltail(0);
705   set_boserif(0,0,10);
706   push_stroke((80,390)–(890,530),
707     (14,14)–(14,14));
708   set_boserif(0,19);
709   expand_pbox;
710 enddef;

```

U+8C9D
tsuku.uni8C9D

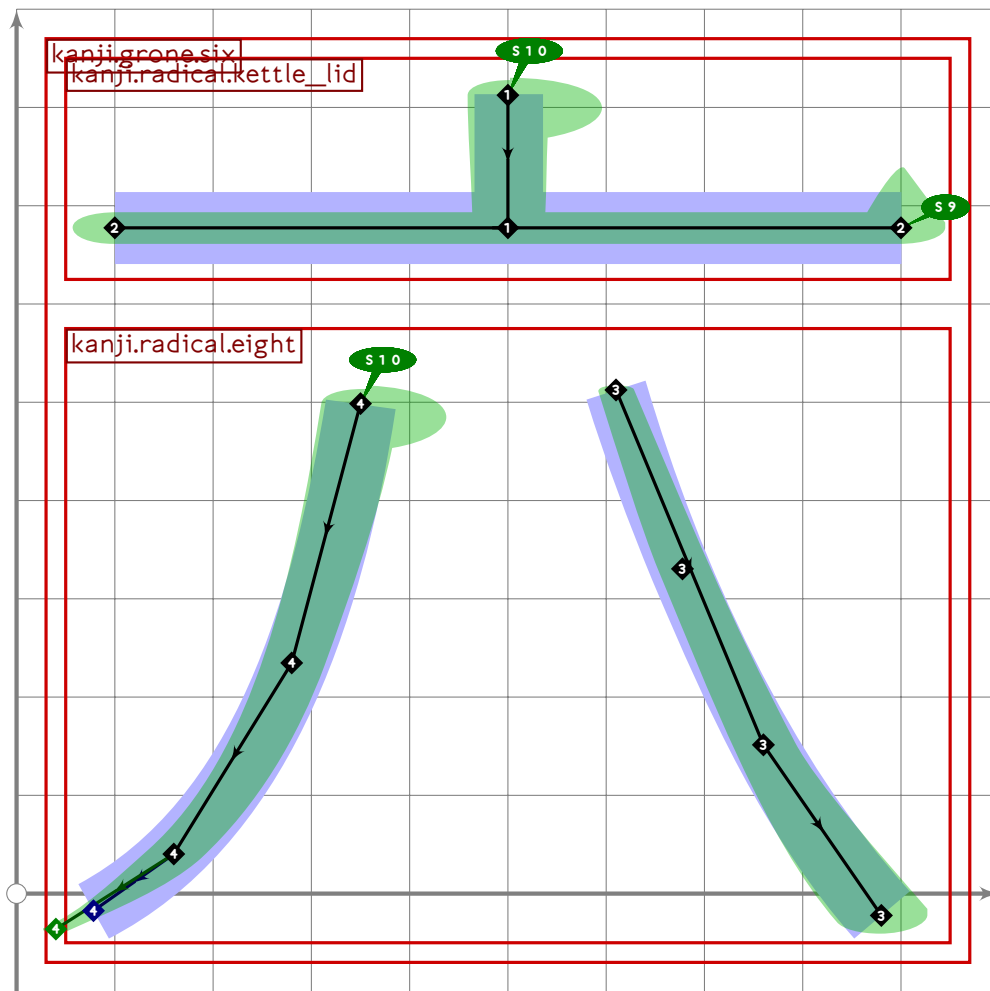
ONE



```

711
712 vardef kanji.grone.shell =
713   push_pbox_toexpand("kanji.grone.shell");
714   build_kanji.level(build_kanji.tb(200,0)
715     (kanji.grone.ey)
716     (kanji.radical.eight));
717   expand_pbox;
718 enddef;

```

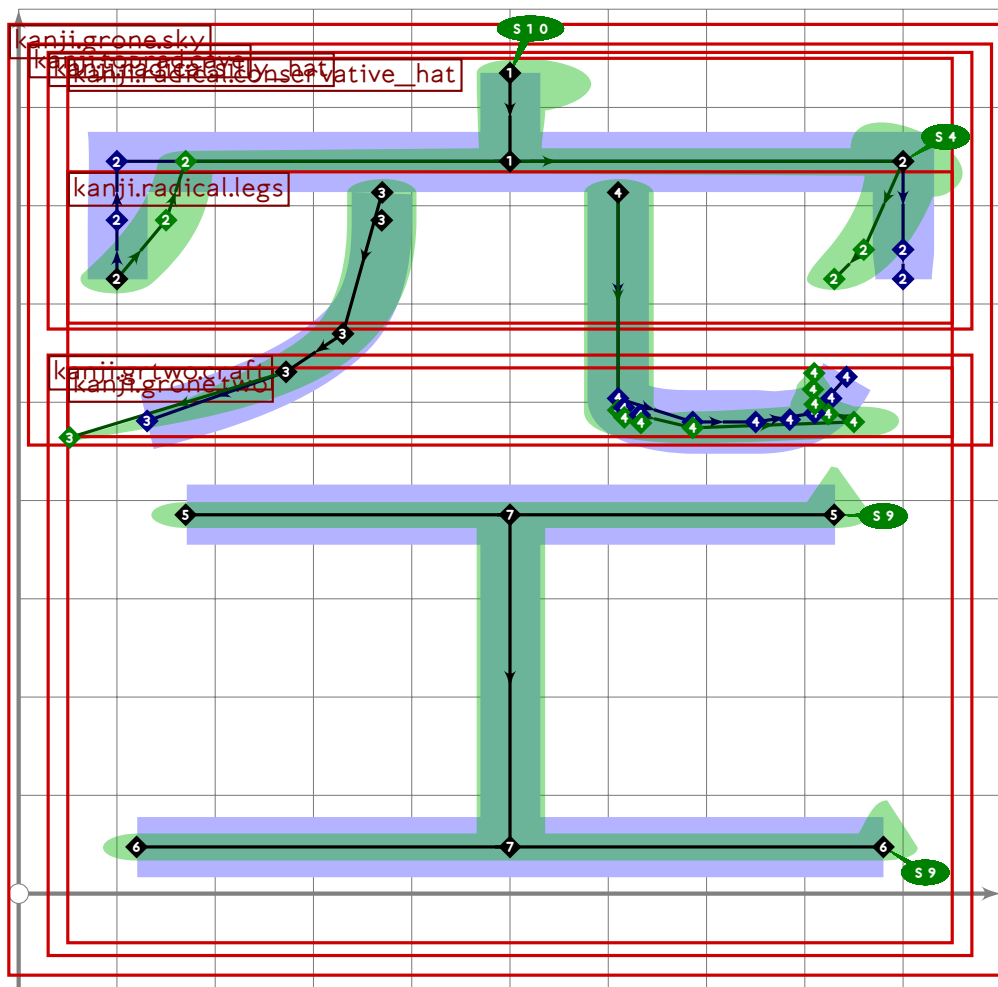


```

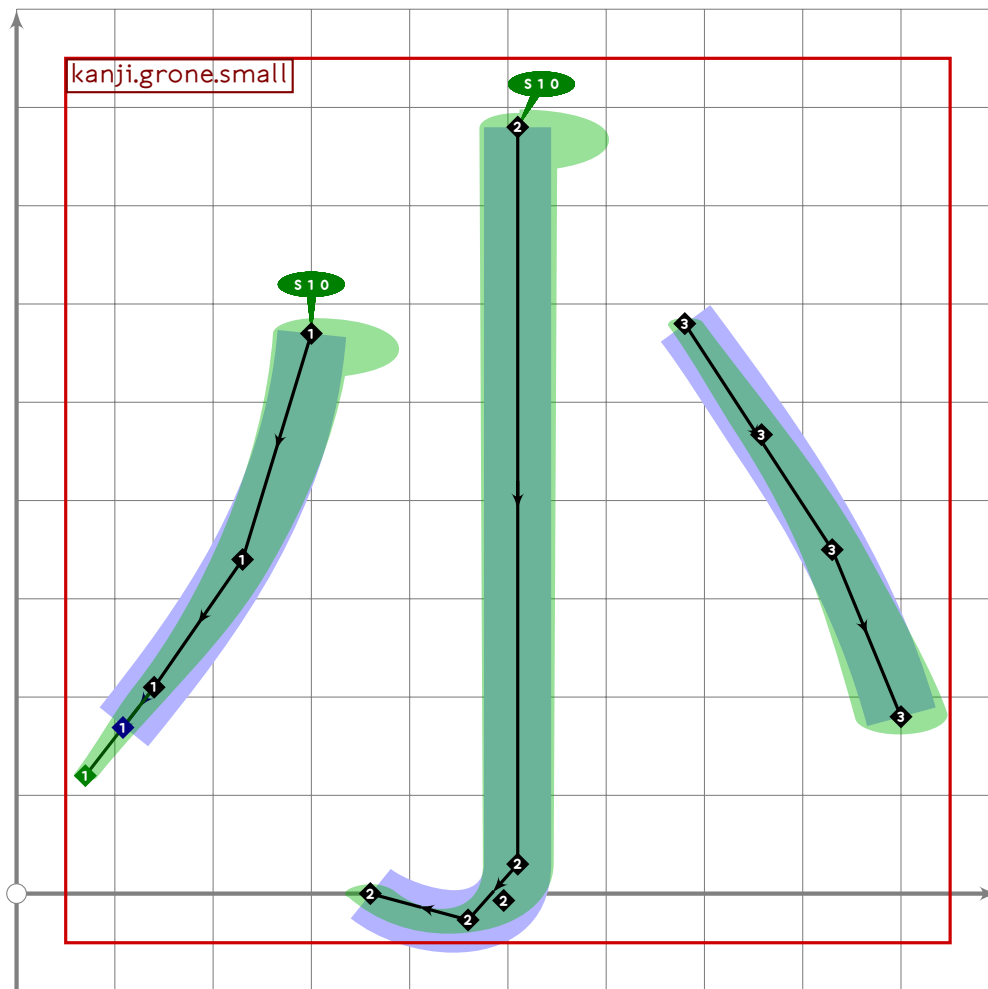
719
720 vardef kanji.grone.six =
721   push_pbox_toexpand("kanji.grone.six");
722   build_kanji.level(build_kanji.tb(600,-50)
723     (kanji.radical.kettle_lid)
724     (kanji.radical.eight));
725   expand_pbox;
726 enddef;

```

ONE



478

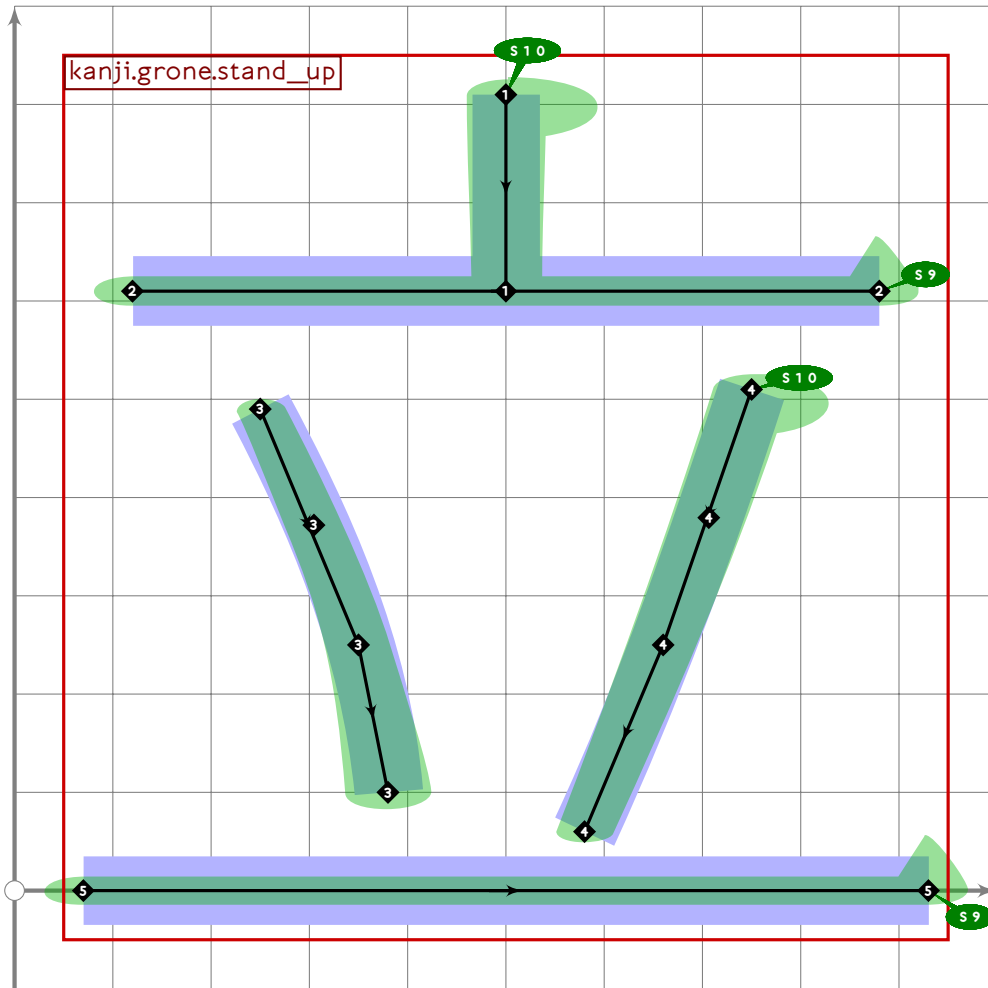


```

735
736 vardef kanji.grone.small =
737   push_pbox__toexpand("kanji.grone.small");
738   push_stroke((300,570)..(230,340)..(140,210)..(70,120),
739     (1.6,1.6)-(1.4,1.4)-(1.1,1.1)-(0.88,0.88));
740   set_boserif(0,0,10);
741   push_stroke((510,780),
742     (1.6,1.6));
743   set_boserif(0,0,10);
744   build_kanji.add_jtail(0);
745   push_stroke((680,580)..tension 1.3..(830,350)..(900,180),
746     (1,1)-(1.4,1.4)-(1.8,1.8));
747   expand_pbox;
748 enddef;

```

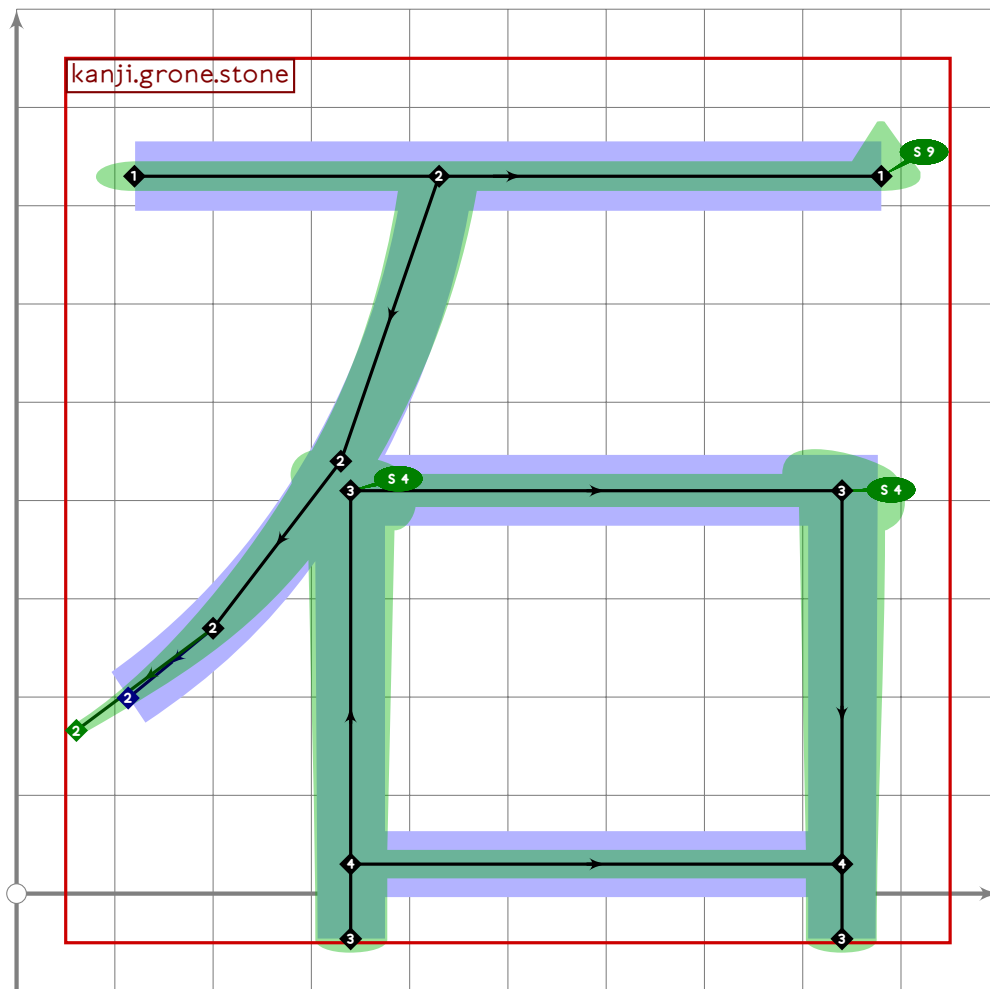
ONE



```

749
750 vardef kanji.grone.stand_up =
751   push_pbox_toexpand("kanji.grone.stand_up");
752   push_stroke((500,810)–(500,610),
753     (1.6,1.6)–(1.5,1.5));
754   set_boserif(0,0,10);
755   push_stroke((120,610)–(880,610),
756     (1.6,1.6)–(1.6,1.6));
757   set_boserif(0,1,9);
758   push_stroke((250,490)..tension 1.2..(350,250)..(380,100),
759     (1.2,1.2)–(1.4,1.4)–(1.7,1.7));
760   push_stroke((750,510)..tension 1.2..(660,250)..(580,60),
761     (1.6,1.6)–(1.5,1.5)–(1.3,1.3));
762   set_boserif(0,0,10);
763   push_stroke((70,0)–(930,0),
764     (1.6,1.6)–(1.6,1.6));
765   set_boserif(0,1,9);
766   expand_pbox;
767 enddef;

```

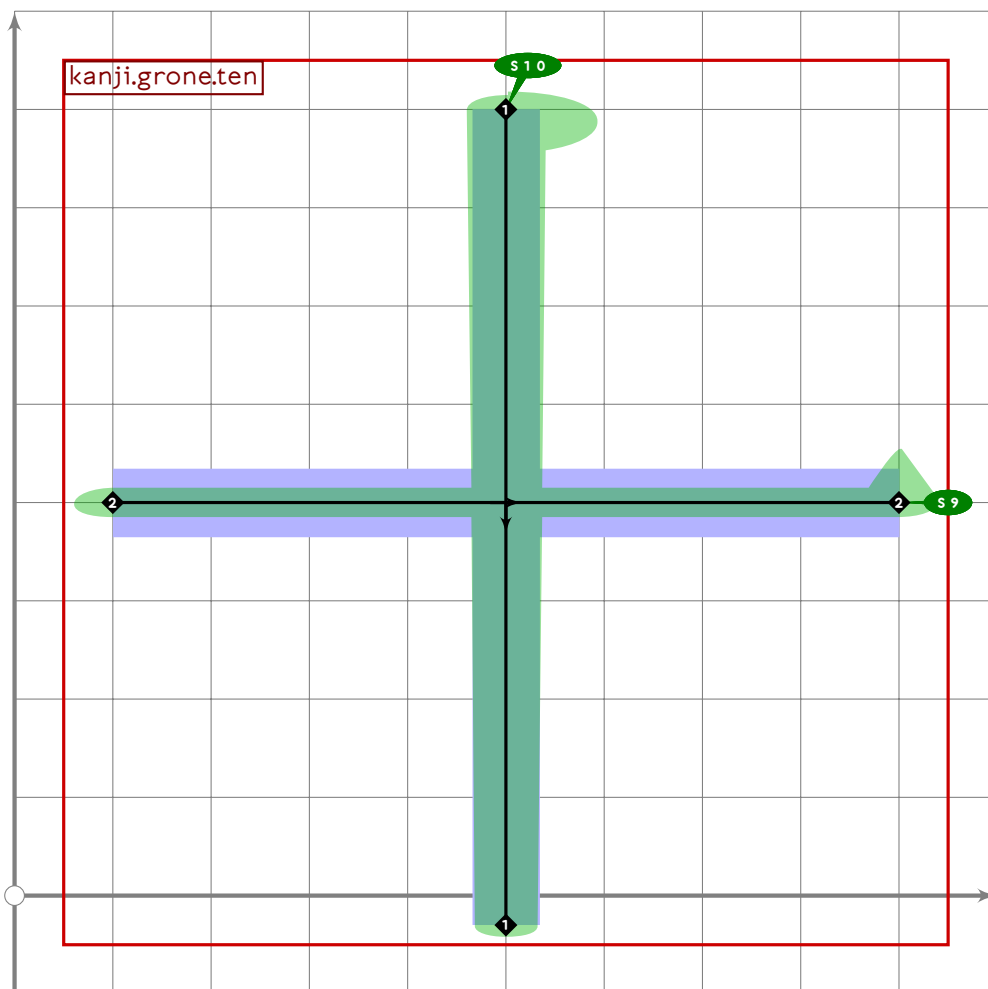


```

768
769 vardef kanji.grone.stone =
770   push_pbox__toexpand("kanji.grone.stone");
771   push_stroke((120,730)..(880,730),(1.6,1.6)–(1.6,1.6));
772   set_boserif(0,19);
773   push_stroke((430,730)..(330,440)..(200,270)..(50,160),
774     (1.6,1.6)–(1.5,1.5)–(1.3,1.3)–(0.8,0.8));
775   build_kanji.box((340,410),(840,30));
776   expand_pbox;
777 enddef;

```

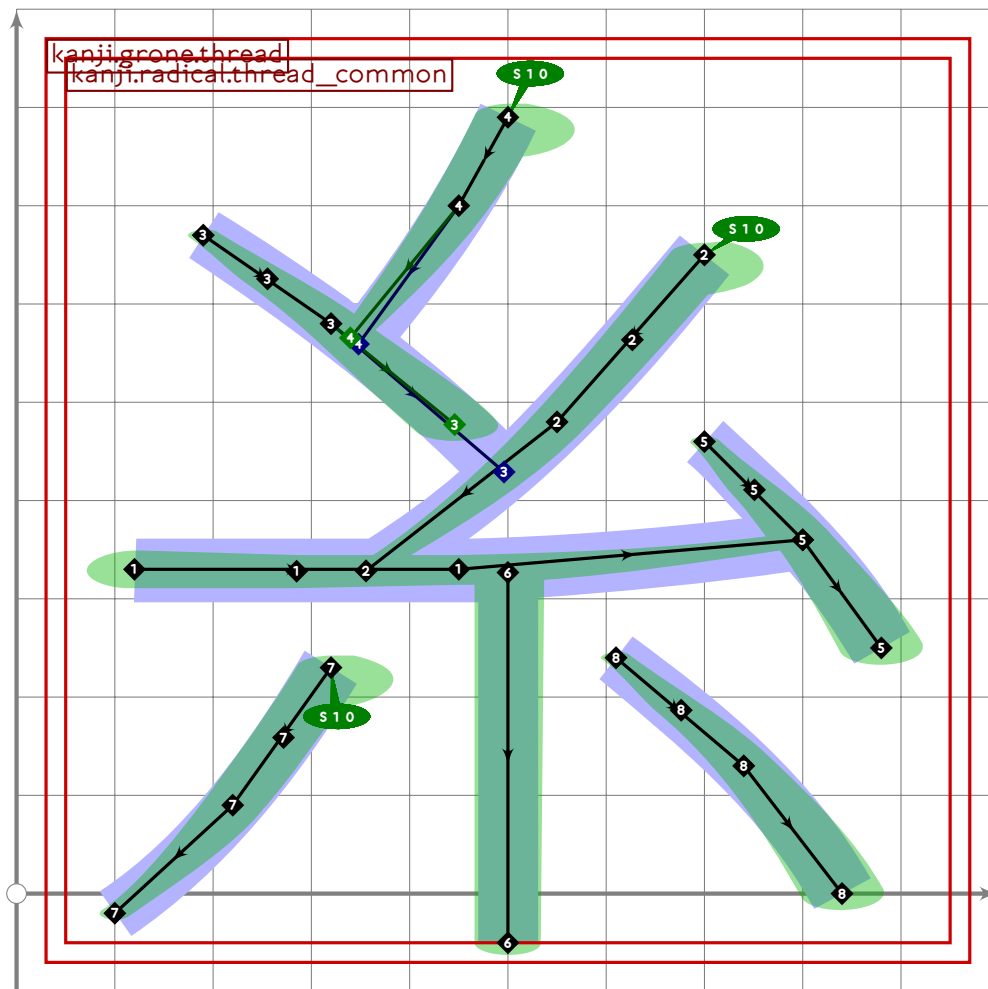
ONE



```

778
779 vardef kanji.grone.ten =
780   push_pbox__toexpand("kanji.grone.ten");
781   push_stroke((500,800)-(500,-30),(1.6,1.6)-(1.4,1.4));
782   set_boserif(0,0,10);
783   push_stroke((100,400)-(900,400),(1.6,1.6)-(1.6,1.6));
784   set_boserif(0,1,9);
785   expand_pbox;
786 enddef;

```

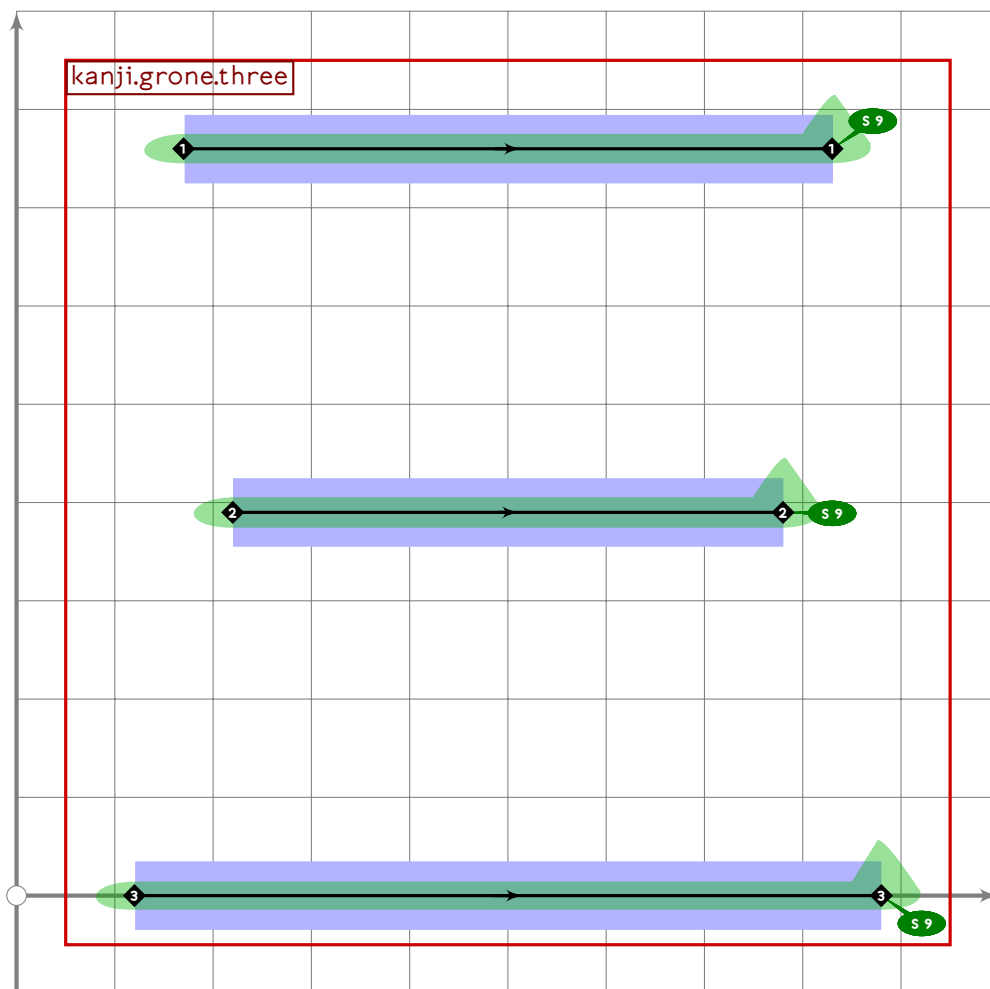


```

787
788 vardef kanji.grone.thread =
789   push_pbox_toexpand("kanji.grone.thread");
790   kanji.radical.thread_common;
791   push_stroke(
792     ((get_stroke(-4) intersectionpoint ((500,1000)-(500,0)))+(0,-5))
793     -(500,-50),
794     (1,6,1,6)-(1,5,1,5));
795   push_stroke((320,230)..tension 1.3..(220,90)..(100,-20),
796     (1,6,1,6)-(1,5,1,5)-(1,1));
797   set_boserif(0,0,10);
798   push_stroke((610,240)..tension 1.3..(740,130)..(840,0),
799     (1,1)-(1,5,1,5)-(1,8,1,8));
800   for i=-7 upto 0: set_bosize(i,90); endfor;
801   expand_pbox;
802 enddef;

```

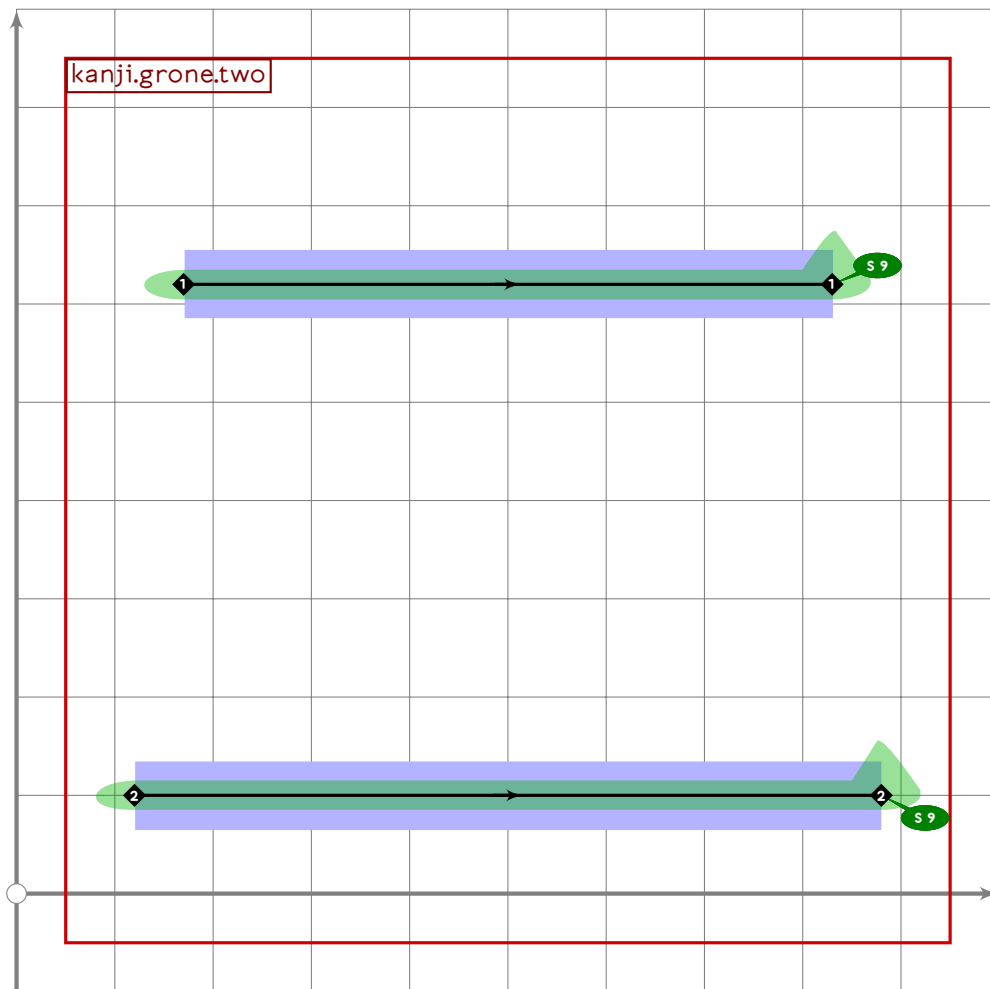
ONE



```

803
804 vardef kanji.grone.three =
805   push_pbox__toexpand("kanji.grone.three");
806   push_stroke((170,760)–(830,760),
807     (1,6,1,6)–(1,6,1,6));
808   set_boserif(0,19);
809   push_stroke((220,390)–(780,390),
810     (1,6,1,6)–(1,6,1,6));
811   set_boserif(0,19);
812   push_stroke((120,0)–(880,0),
813     (1,6,1,6)–(1,6,1,6));
814   set_boserif(0,19);
815   expand_pbox;
816 enddef;

```



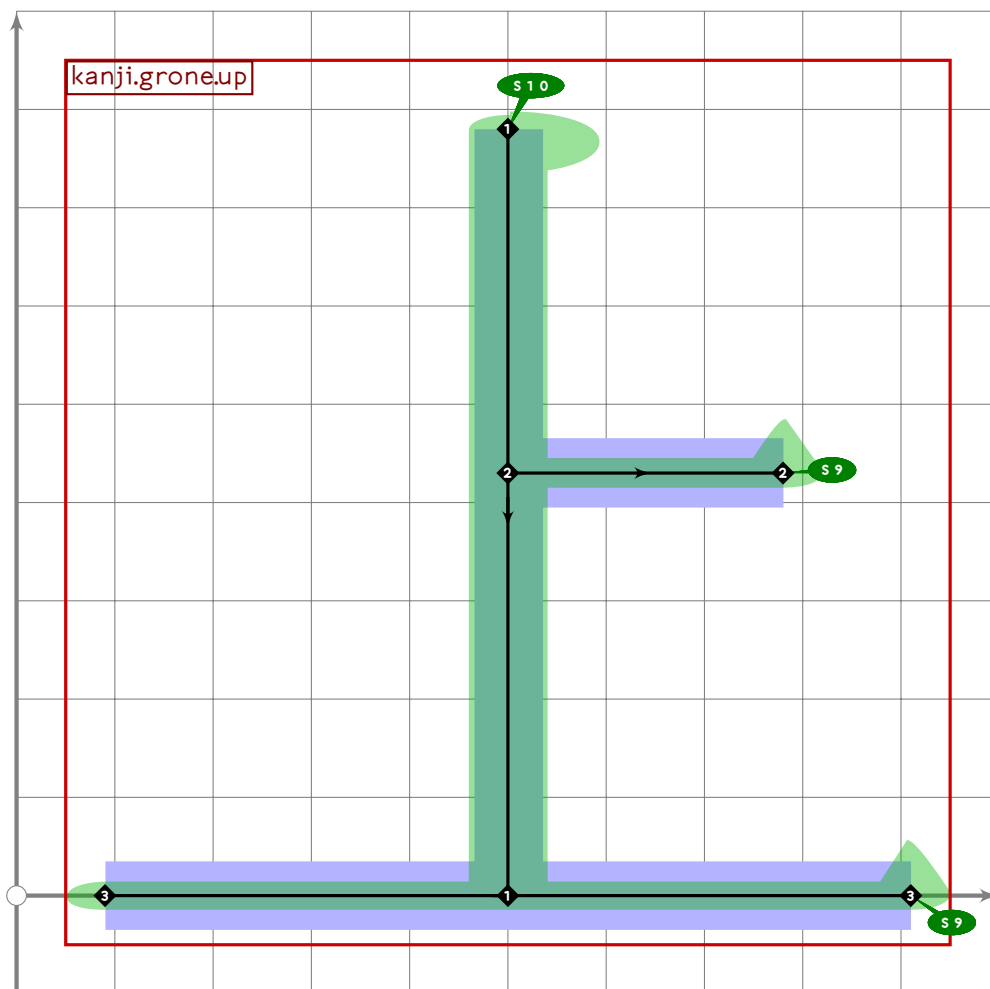
```

817
818 vardef kanji.grone.two =
819   push_pbox__toexpand("kanji.grone.two");
820   push_stroke((170,620)–(830,620),(1.6,1.6)–(1.6,1.6));
821   set_boserif(0,19);
822   push_stroke((120,100)–(880,100),(1.6,1.6)–(1.6,1.6));
823   set_boserif(0,19);
824   expand_pbox;
825 enddef;

```

U+4E0A
tsuku.uni4E0A

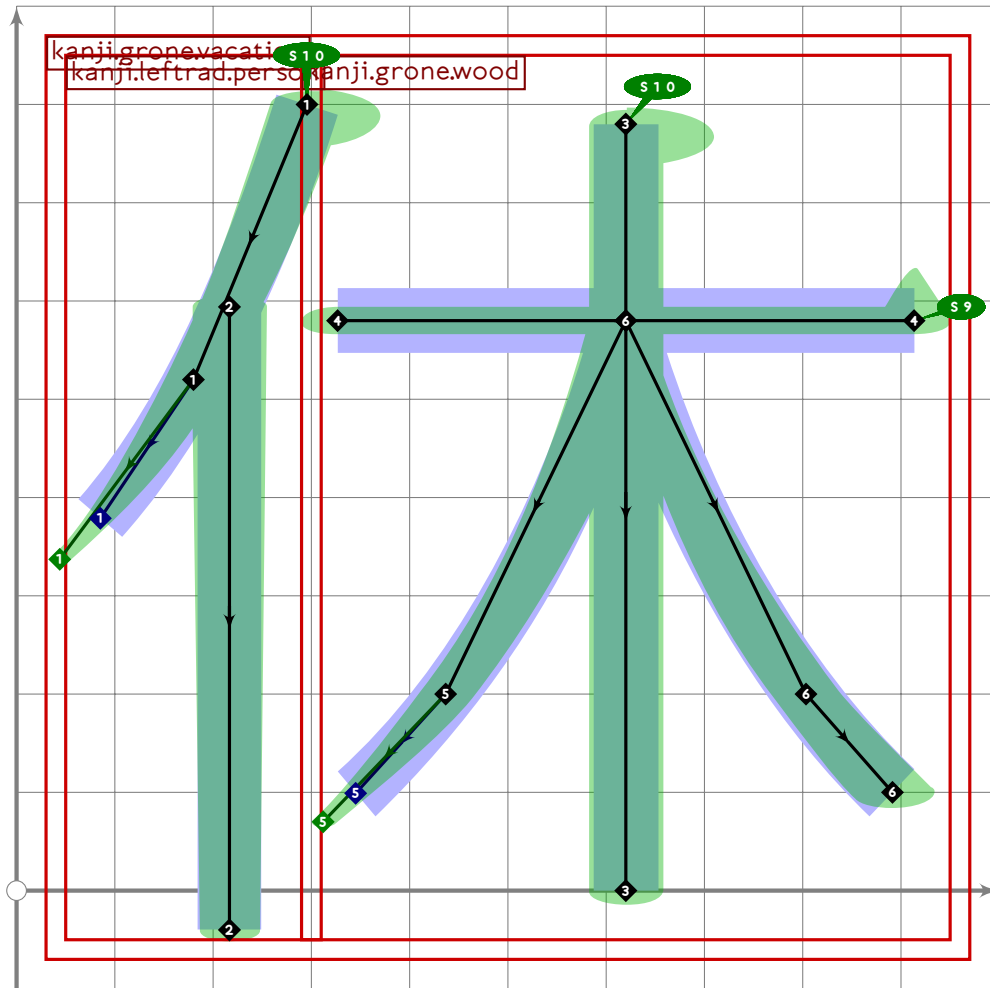
ONE



```

826
827 vardef kanji.grone.up =
828   push_pbox_toexpand("KANJI.GRONE.UP");
829   push_stroke((500,780)-(500,0),
830     (1.6,1.6)-(1.6,1.6));
831   set_boserif(0,0,10);
832   push_stroke((500,430)-(780,430),
833     (1.6,1.6)-(1.6,1.6));
834   set_boserif(0,1,9);
835   push_stroke((90,0)-(910,0),
836     (1.6,1.6)-(1.6,1.6));
837   set_boserif(0,1,9);
838   expand_pbox;
839 enddef;

```

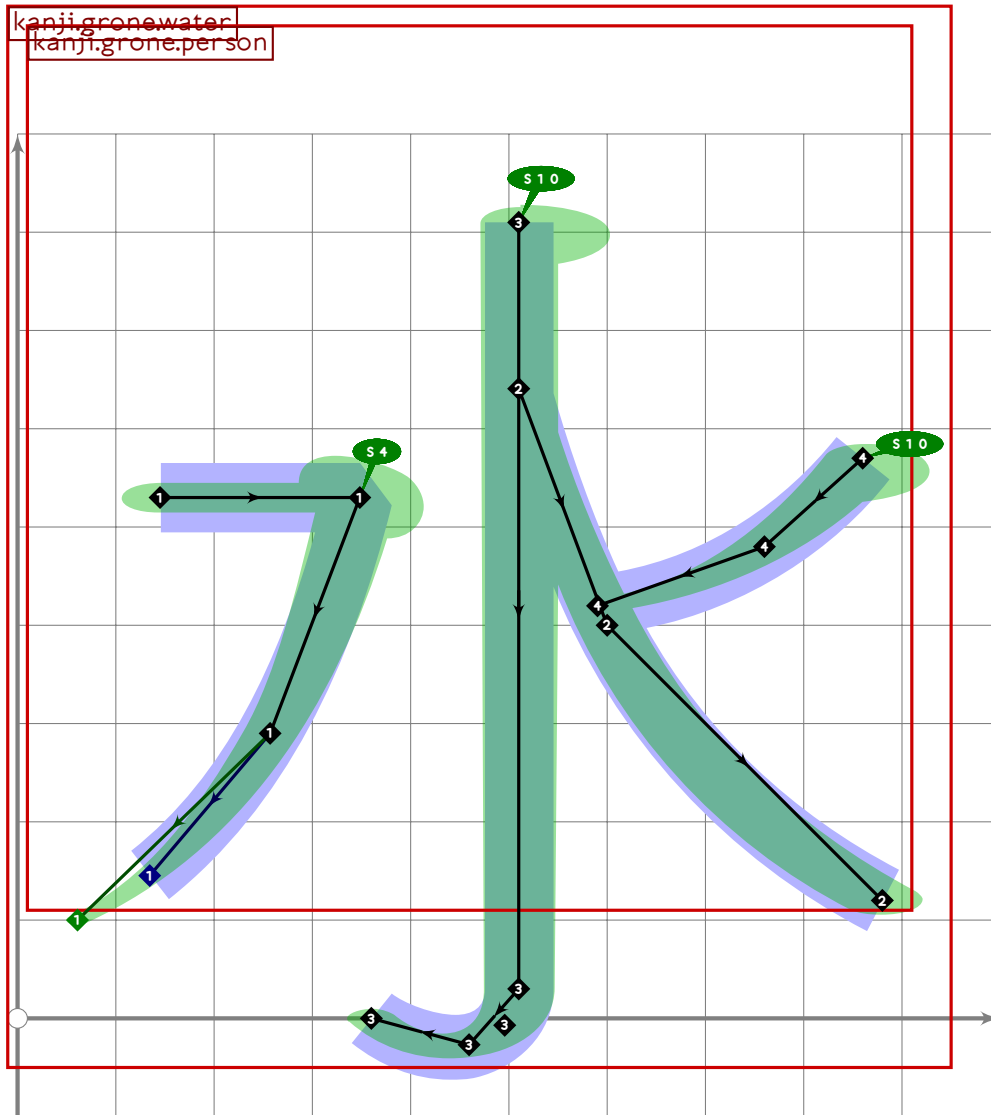



```

840
841 vardef kanji.grone.vacation =
842   push_pbox__toexpand("kanji.grone.vacation");
843   build_kanji.lr(300,20)
844     (kanji.leftrad.person)
845     (kanji.grone.wood);
846   expand_pbox;
847 enddef;

```

ONE



```

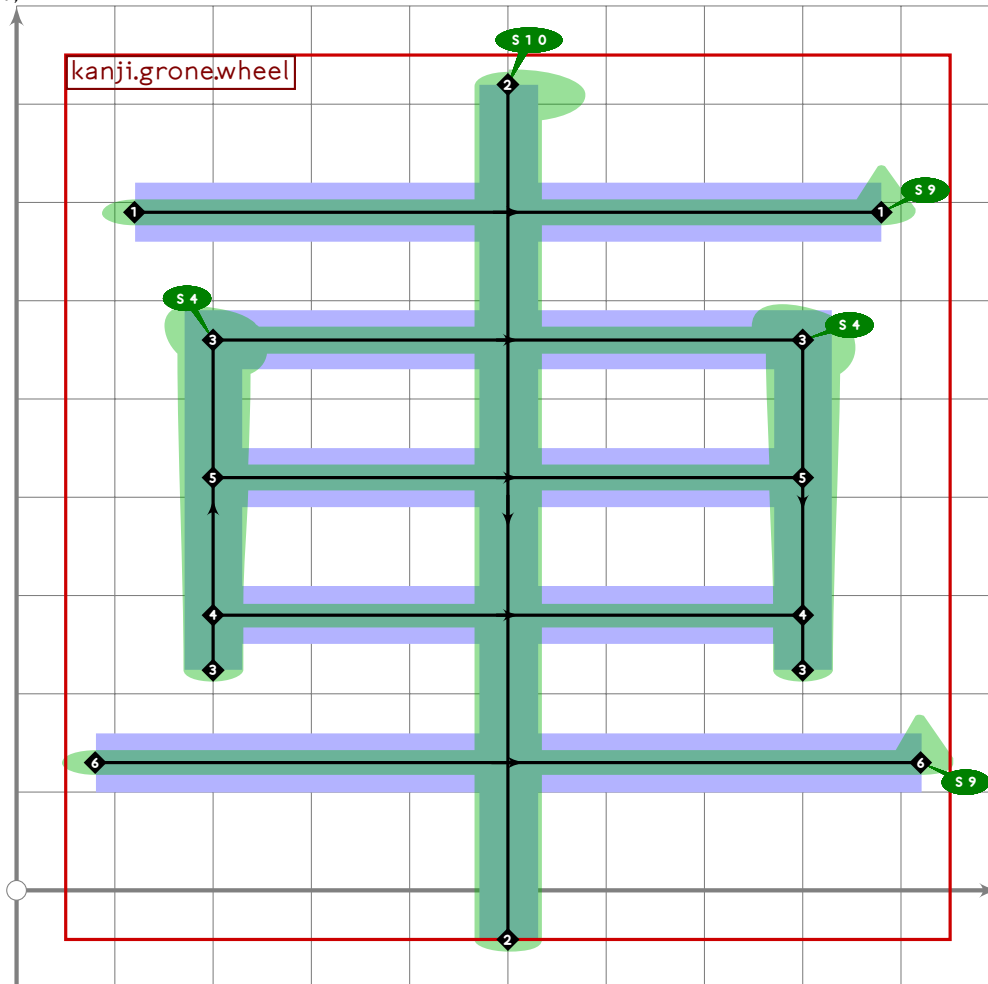
848
849 vardef kanji.gronewater =
850   push_pbox_toexpand("kanji.gronewater");
851   tsu_xform(identity shifted (-40,160))(kanji.grone.person);
852   replace_strokep(-1)((100,500)-
853     (subpath (xpart (oldp intersectiontimes
854       ((0,500)-(1000,500))),infinity) of oldp))
855     shifted (-250,0) xscaled 0.7 shifted (250,30));
856   replace_strokeq(-1)((1.6,1.6)-(1.6,1.6)-(1.3,1.3)-(0.85,0.85));
857   set_boserif(-1,0,whatever);
858   set_boserif(-1,1,4);
859   set_botip(-1,1,0);
860   push_stroke((510,810),(1.6,1.6));
861   build_kanji.add_jtail(0);
862   set_boserif(0,0,10);
863   replace_strokep(-1)(
864     subpath (xpart (oldp intersectiontimes get_strokep(0)),infinity)
865     of oldp);

```

```

866 push_stroke((860,570)..(760,480)..(point 0.9 of get_strokep(-1)),
867   (1.6,1.6)-(1.4,1.4)-(1,1));
868 set_boserif(0,0,10);
869 expand_pbox;
870 enddef;

```



```

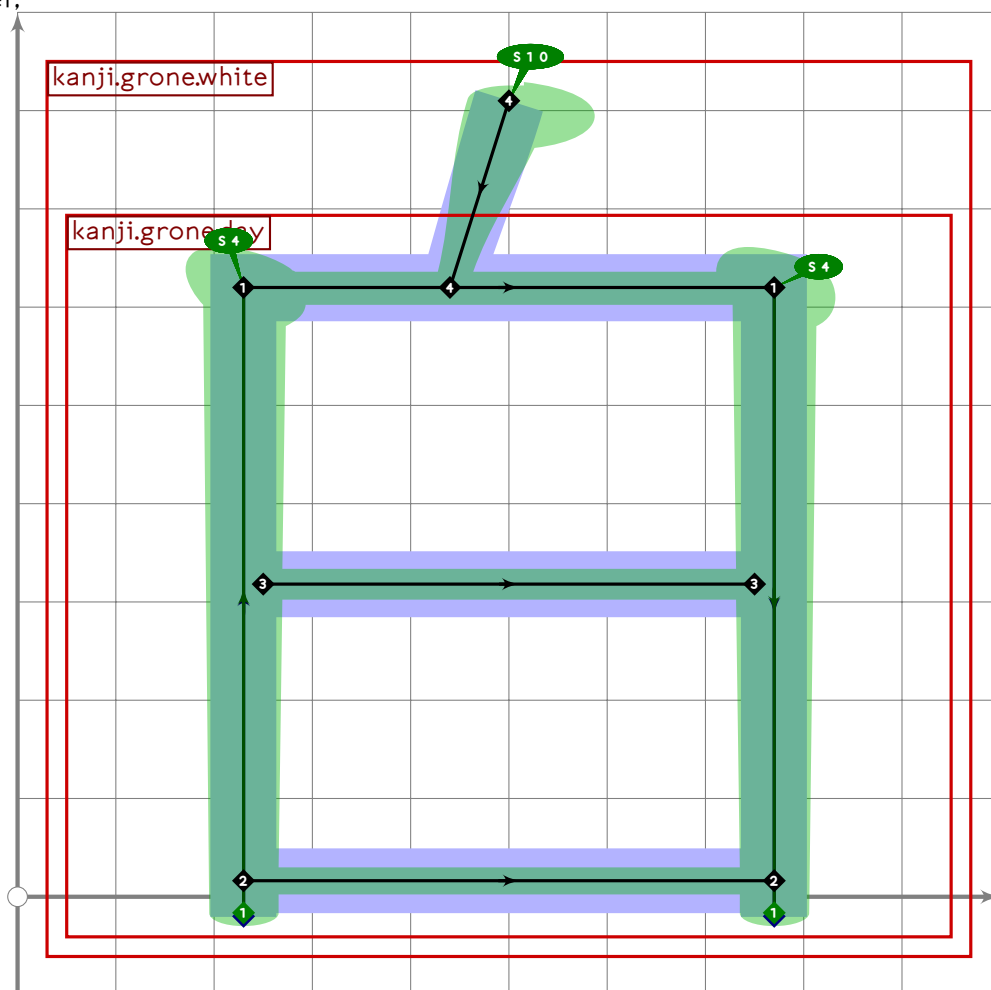
871
872 vardef kanji.grone.wheel =
873   push_pbox_toexpand("kanji.grone.wheel");
874   push_stroke((120,690)-(880,690),
875     (1.6,1.6)-(1.6,1.6));
876   set_boserif(0,1,9);
877   push_stroke((500,820)-(500,50),
878     (1.6,1.6)-(1.6,1.6));
879   set_boserif(0,0,10);
880   build_kanji.box((200,560),(800,280));
881   push_stroke((200,420)-(800,420),
882     (1.6,1.6)-(1.6,1.6));
883   push_stroke((80,130)-(920,130),
884     (1.6,1.6)-(1.6,1.6));
885   set_boserif(0,1,9);
886   for i=-5 upto 0: set_bosize(i,85); endfor;

```

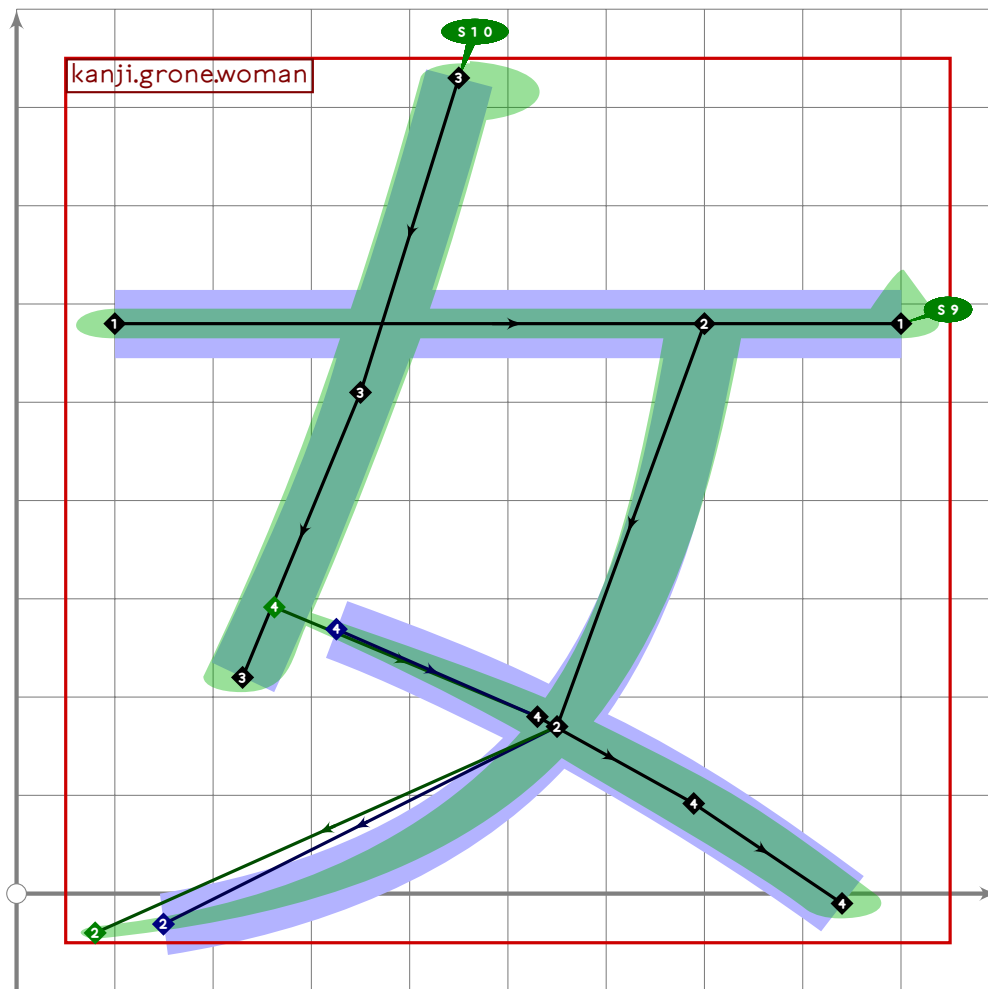
U+767D
tsuku.uni767D

```
887 expand_pbox;  
888 enddef;
```

ONE



```
889  
890 vardef kanji.grone.white =  
891   push_pbox_toexpand("kanji.grone.white");  
892   build_kanji.attach_tick(620)(kanji.grone.day);  
893   expand_pbox;  
894 enddef;
```

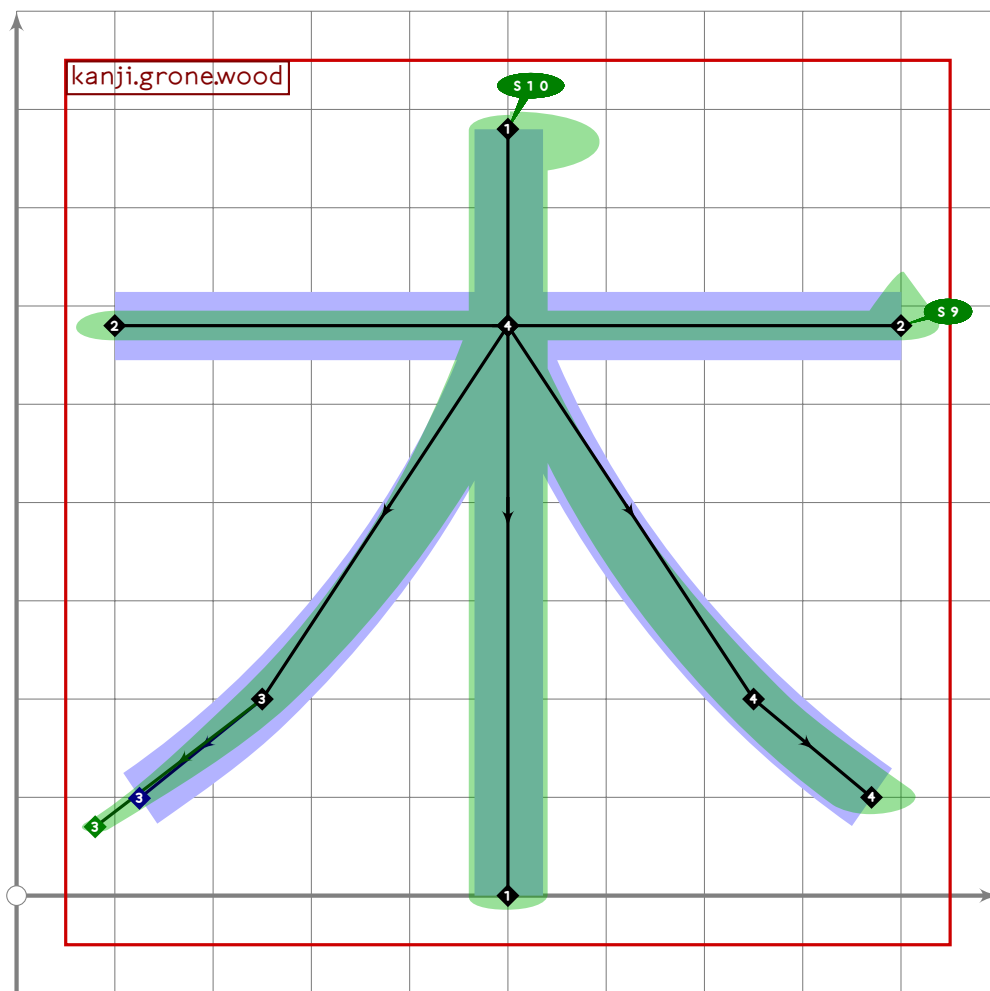


```

895
896 vardef kanji.grone.woman =
897   push_pbox_toexpand("kanji.grone.woman");
898   push_stroke((100,580)–(900,580),
899     (1.6,1.6)–(1.6,1.6));
900   set_boserif(0,19);
901   push_stroke((700,580){curl 0}..(550,170)..{curl 0.3}(80,-40),
902     (1.6,1.6)–(1.4,1.4)–(0.94,0.94));
903   push_stroke((450,830)..(350,510)..(230,220),
904     (1.6,1.6)–(1.6,1.6)–(1.6,1.6));
905   set_boserif(0,0,10);
906   push_stroke((point 1.75 of get_stroke(0))..(530,180)..(840,-10),
907     (0.85,0.85)–(1.5,1.5)–(1.8,1.8)–(1.6,1.6));
908   replace_stroke(0)(insert_nodes(oldp)(1.5));
909   expand_pbox;
910 enddef;

```

ONE



```

911
912 vardef kanji.grone.wood =
913   push_pbox__toexpand("kanji.grone.wood");
914   push_stroke((500,780)–(500,0),
915     (1,6,1,6)–(1,6,1,6));
916   set_boserif(0,0,10);
917   push_stroke((100,580)–(900,580),
918     (1,6,1,6)–(1,6,1,6));
919   set_boserif(0,1,9);
920   push_stroke((500,580)..(250,200)..(80,70),
921     (1,6,1,6)..(1,3,1,3)..(0,9,0,9));
922   push_stroke((500,580)..(750,200)..(870,100),
923     (1,1,1,1)..(1,5,1,5)..(1,7,1,7));
924   expand_pbox;
925 enddef;

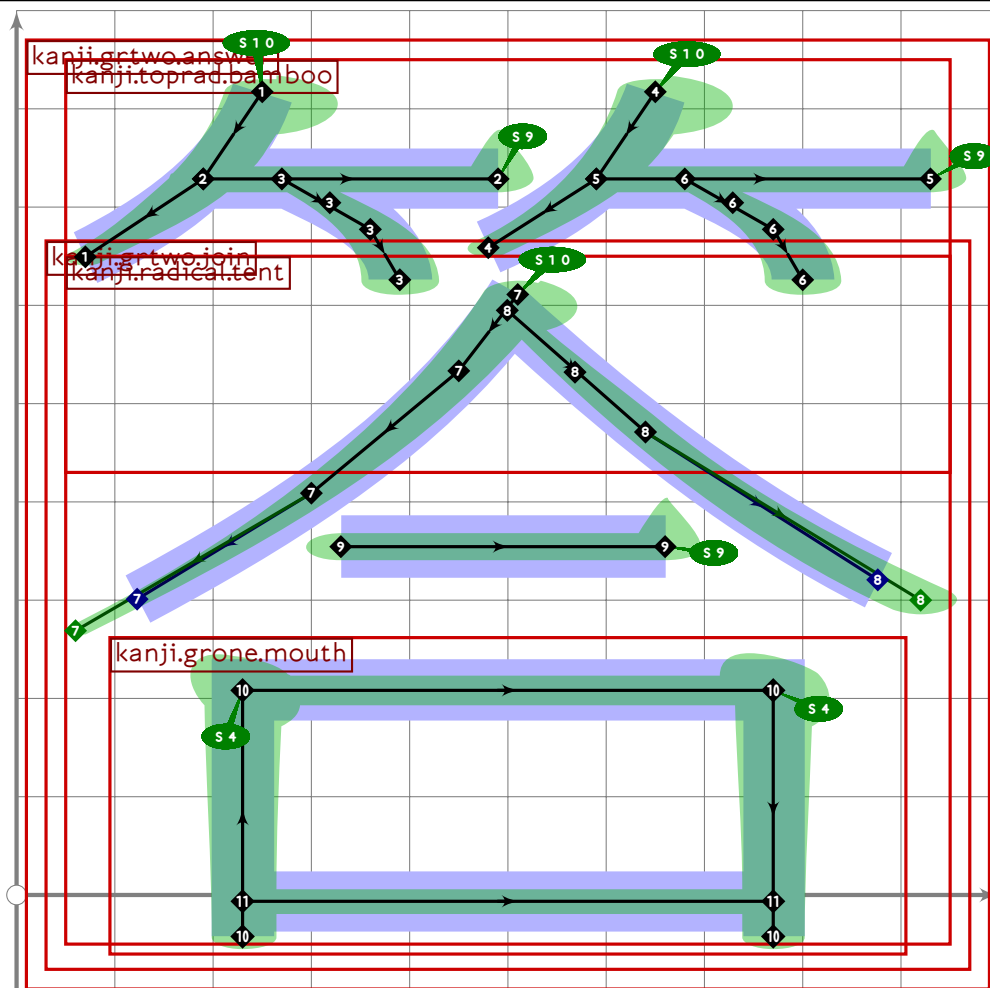
```

gradetwo.mp

1 %
2 % Grade Two kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]

```
30
31 inclusion_lock(gradetwo);
32
33
```

TWO



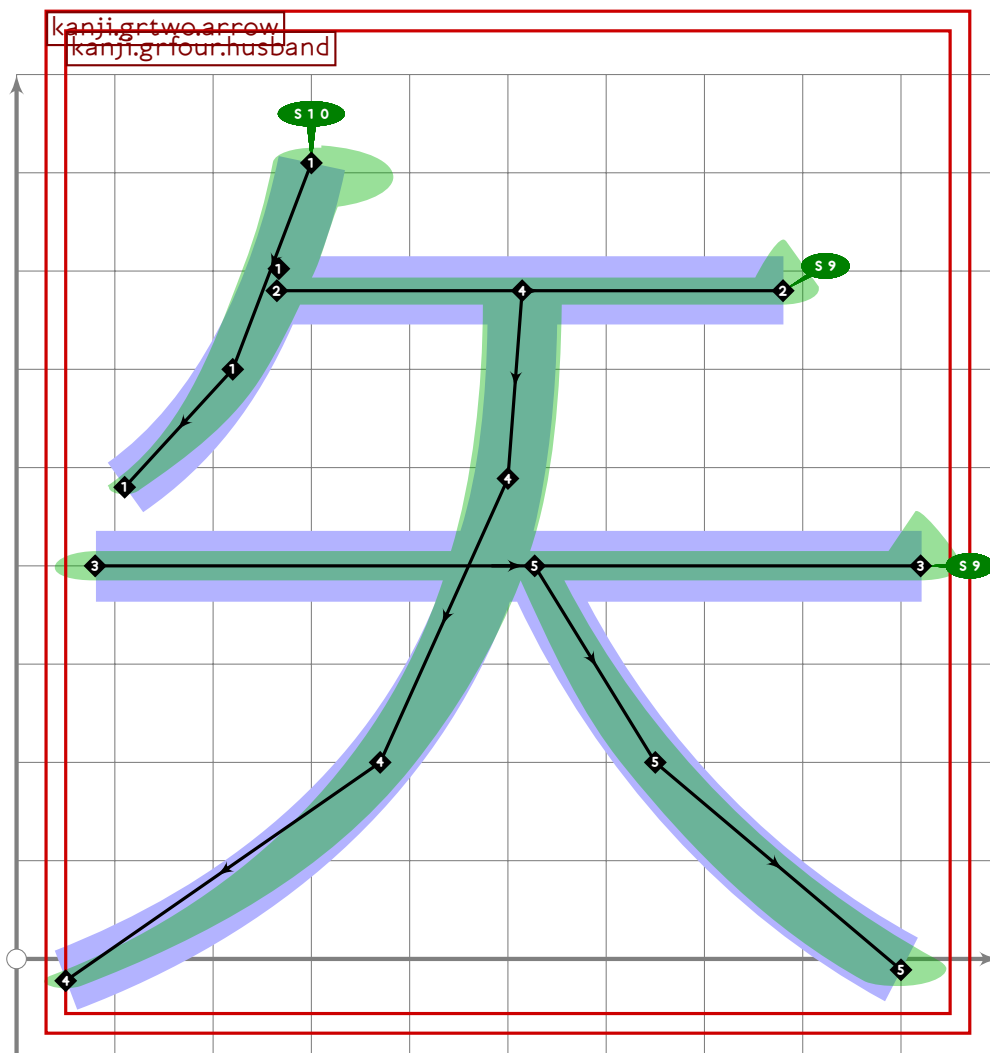
```

34
35 vardef kanji.grtwo.answer =
36   push_pbox_toexpand("kanji.grtwo.answer");
37   build_kanji.level(build_kanji.tb(540,220)
38     (kanji.toprad.bamboo)
39     (kanji.grtwo.join));
40   expand_pbox;
41 enddef;

```

U+77E2
tsuku.uni77E2

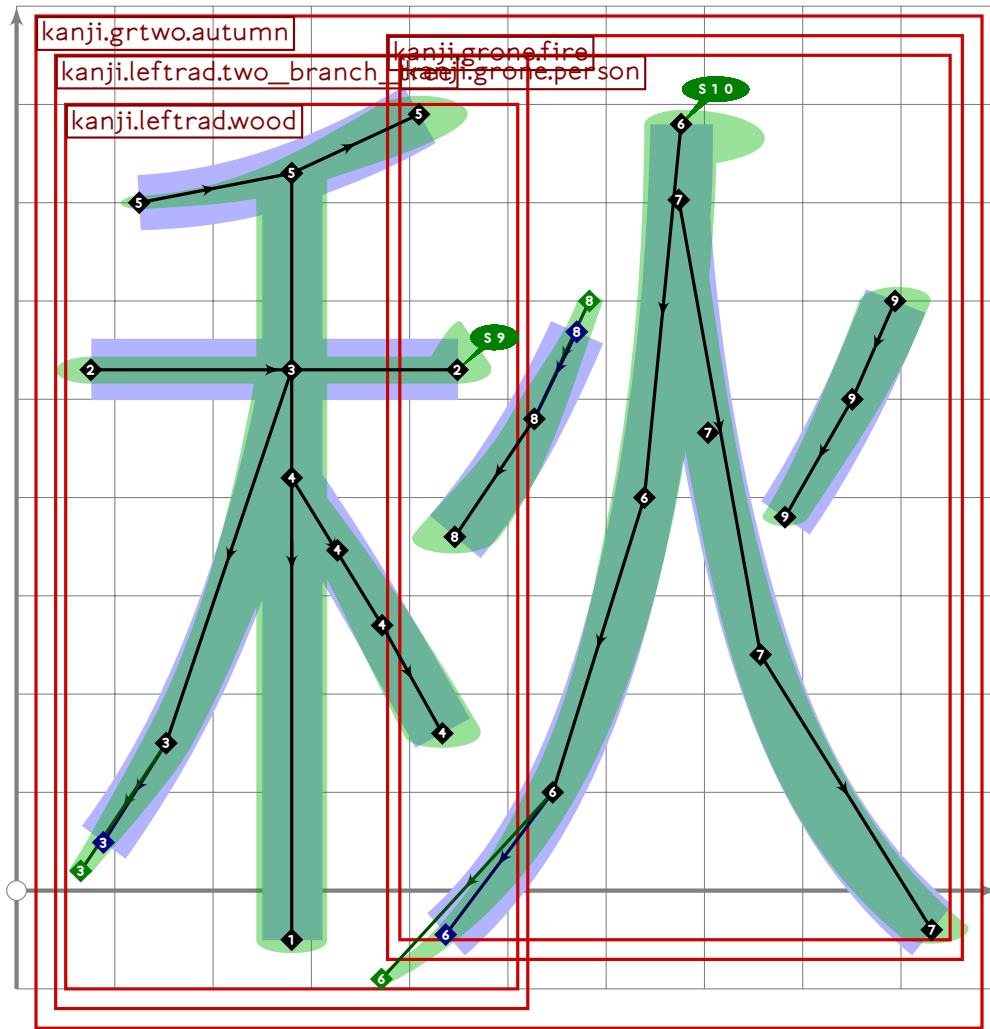
TWO



```

42
43 vardef kanji.grtwo.arrow =
44   push_pbox__toexpand("kanji.grtwo.arrow");
45   push_stroke((300,810)..tension 1.2..(220,600)..(110,480),
46     (1.6,1.6)-(14,14)-(1,1));
47   set_boserif(0,0,10);
48   tsu_xform(identity yscaled (400/360))(kanji.grfour.husband);
49   replace_stroke(-3)((100,680)-(780,680));
50   replace_stroke(-3)(subpath
51     (0.01+upart (oldp intersectiontimes get_stroke(-4)),1) of oldp);
52   replace_stroke(-1)(subpath
53     (upart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
54   set_boserif(-1,0,whatever);
55   expand_pbox;
56 enddef;

```

TWO

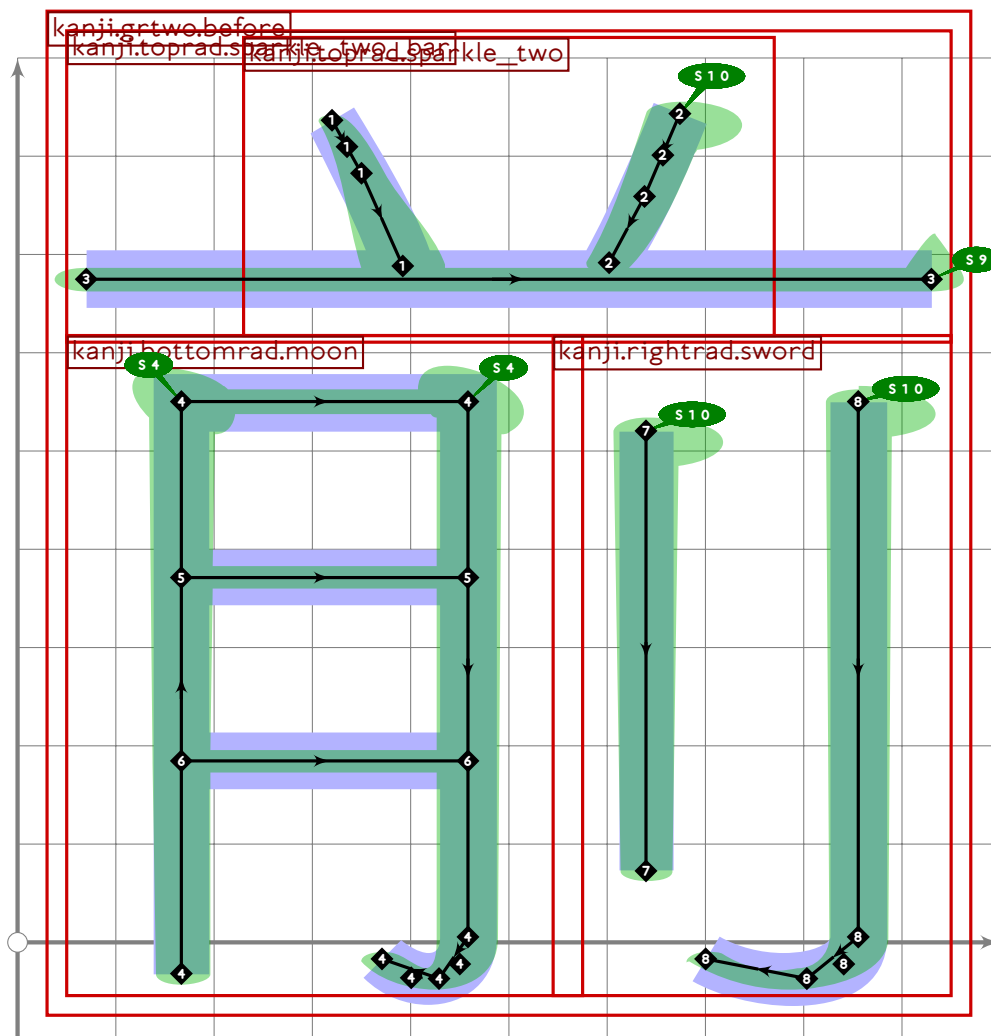
```

57
58 vardef kanji.grtwo.autumn =
59   push_pbox_toexpand("kanji.grtwo.autumn");
60   build_kanji.lr(450,120)
61     (kanji.leftrad.two_branch_tree)
62     (kanji.grone.fire);
63   expand_pbox;
64 enddef;

```

U+524D
tsuku.uni524D

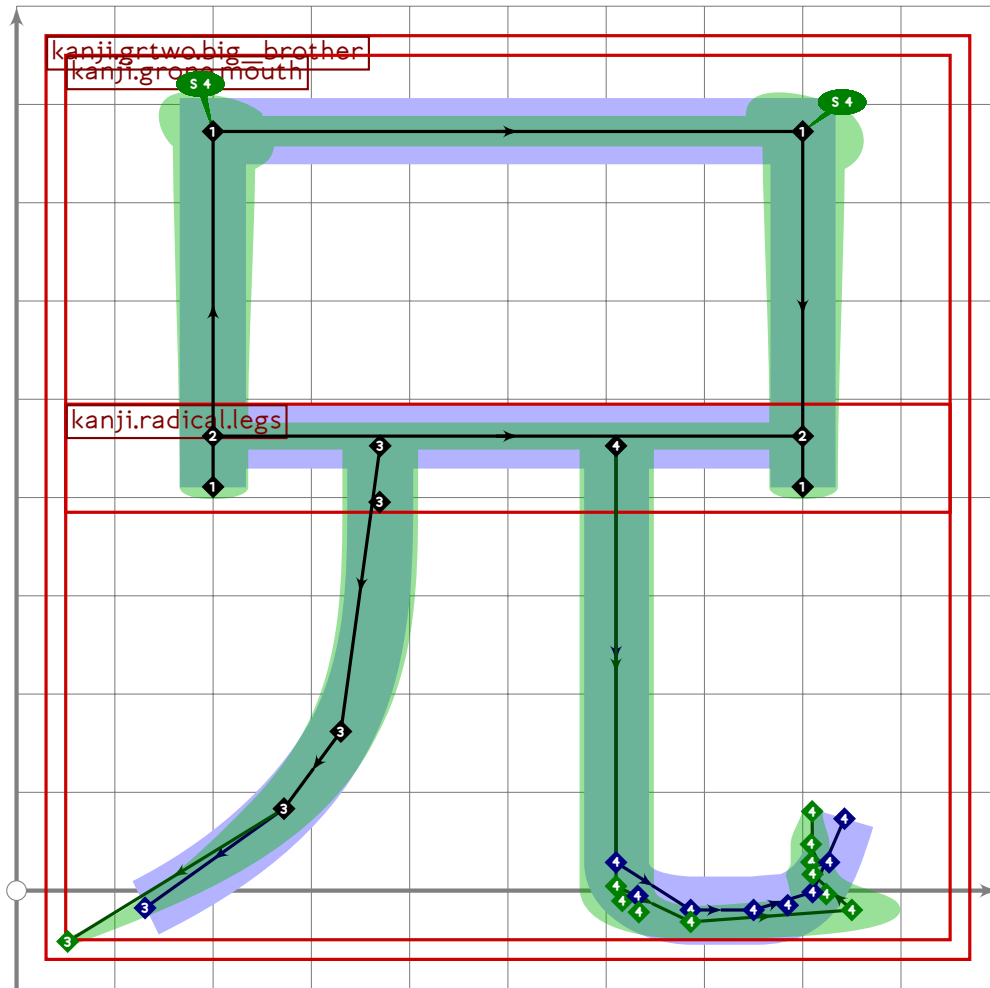
TWO



```

65
66 vardef kanji.grtwo.before =
67   push_pbox_toexpand("kanji.grtwo.before");
68   tsu_xform(identity yscaled (780/720))
69   (build_kanji.level(build_kanji.tb(570,0)
70     (kanji.toprad.sparkle_two_bar)
71     (build_kanji.lr(560,30)
72       (kanji.bottomrad.moon)
73       (kanji.rightrad.sword))));
74   expand_pbox;
75 enddef;

```



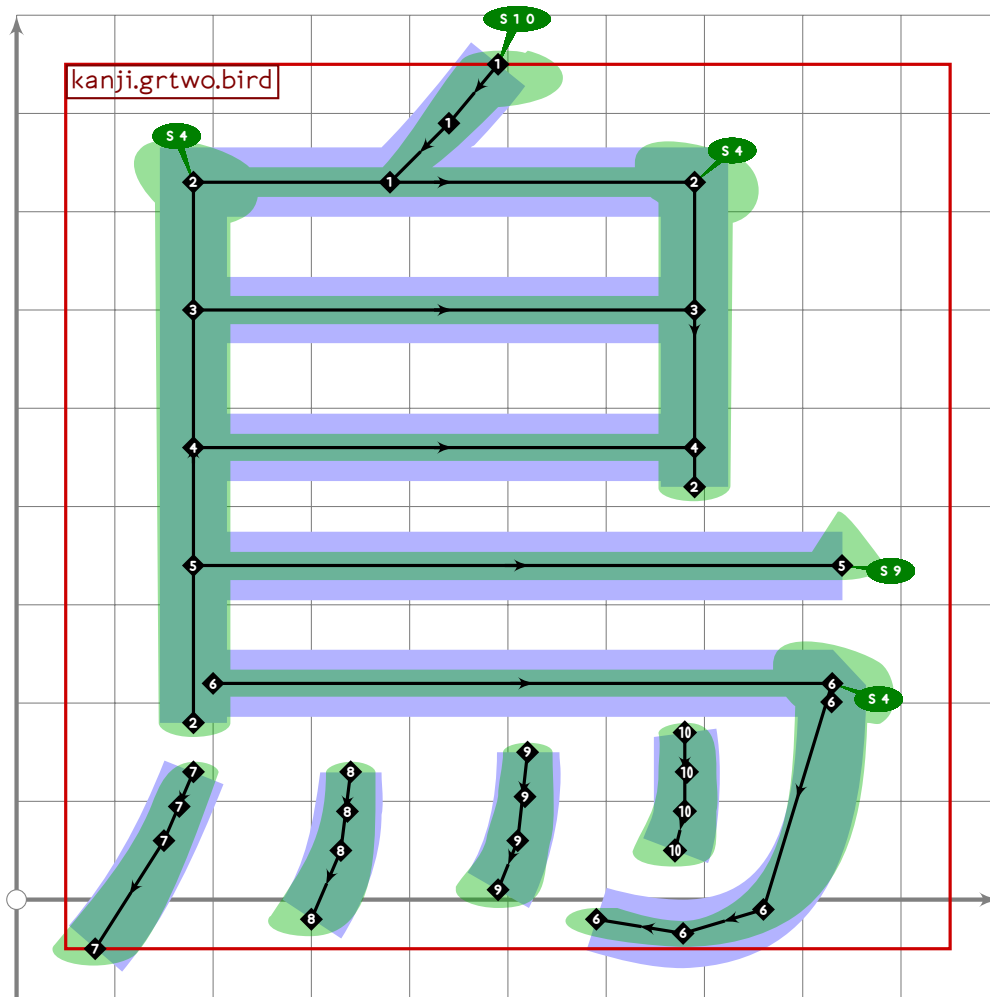
TWO

```

76
77 vardef kanji.grtwo.big_brother =
78   push_pbox_toexpand("kanji.grtwo.big_brother");
79   build_kanji.level(build_kanji.tb(440,110)
80     (kanji.grone.mouth)
81     (kanji.radical.legs));
82   expand_pbox;
83 enddef;

```

TWO



```

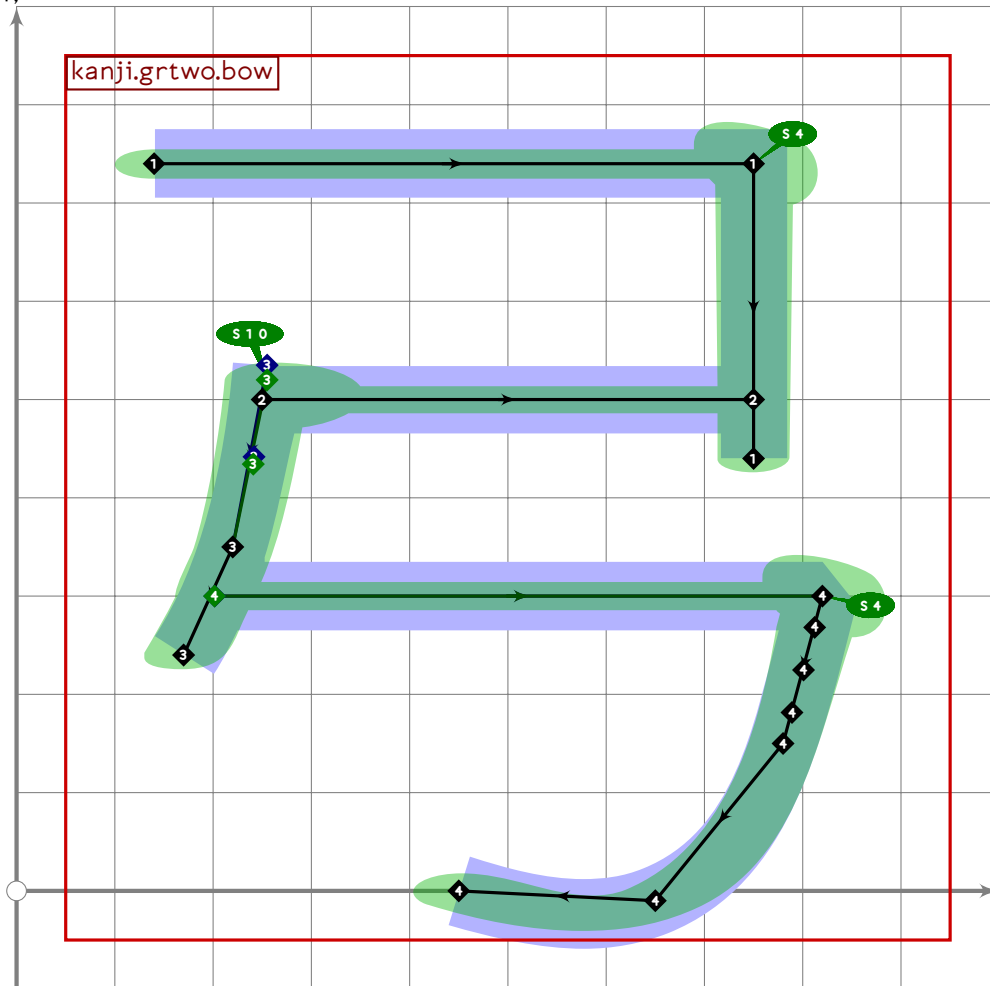
84
85 vardef kanji.grtwo.bird =
86   push_pbox_toexpand("kanji.grtwo.bird");
87   push_stroke((490,850){curl 0.1}..(440,790)..(380,730),
88     (1.6,1.6)–(1.4,1.4)–(1.1,1.1));
89   set_boserif(0,0,10);
90   push_stroke((180,180)–(180,730)–(690,730)–(690,420),
91     (1.5,1.5)–(1.6,1.6)–(1.6,1.6)–(1.5,1.5));
92   set_boserif(0,1,4);
93   set_boserif(0,2,4);
94   set_botip(0,1,1);
95   set_botip(0,2,1);
96   push_stroke((180,600)–(690,600),
97     (1.5,1.5)–(1.5,1.5));
98   push_stroke((180,460)–(690,460),
99     (1.5,1.5)–(1.5,1.5));
100  push_stroke((180,340)–(840,340),
101    (1.5,1.5)–(1.6,1.6));
102  set_boserif(0,1,9);
103  push_stroke((200,220)–(830,220){dir 268}..(760,10){curl 0.2}–(590,20),
104    (1.5,1.5)–(1.5,1.5)–(1.5,1.5)–(1.5,1.5)–(1.4,1.4)–(1.2,1.2));

```

```

105 replace_stroke(0)(insert_nodes(oldp)((length oldp)-0.5));
106 set_boserif(0,14);
107 set_botip(0,1);
108 push_stroke((180,130)..tension 1.2..(150,60)..(80,-50),
109   (1.2,1.2)-(14,14)-(1.7,1.7));
110 push_stroke((340,130)..tension 1.2..(330,50)..(300,-20),
111   (1.2,1.2)-(14,14)-(1.7,1.7));
112 push_stroke((520,150)..tension 1.2..(510,60)..(490,10),
113   (1.2,1.2)-(14,14)-(1.7,1.7));
114 push_stroke((680,170)..tension 1.2..(680,90)..(670,50),
115   (1.2,1.2)-(14,14)-(1.7,1.7));
116 expand_pbox;
117 enddef;

```



```

118
119 vardef kanji.grtwo.bow =
120   push_pbox_toexpand("kanji.grtwo.bow");
121   push_stroke((140,740)-(750,740)-(750,440),
122     (1.6,1.6)-(1.6,1.6)-(1.5,1.5));
123   set_botip(0,1);
124   set_boserif(0,14);
125   push_stroke((250,500)-(750,500),

```

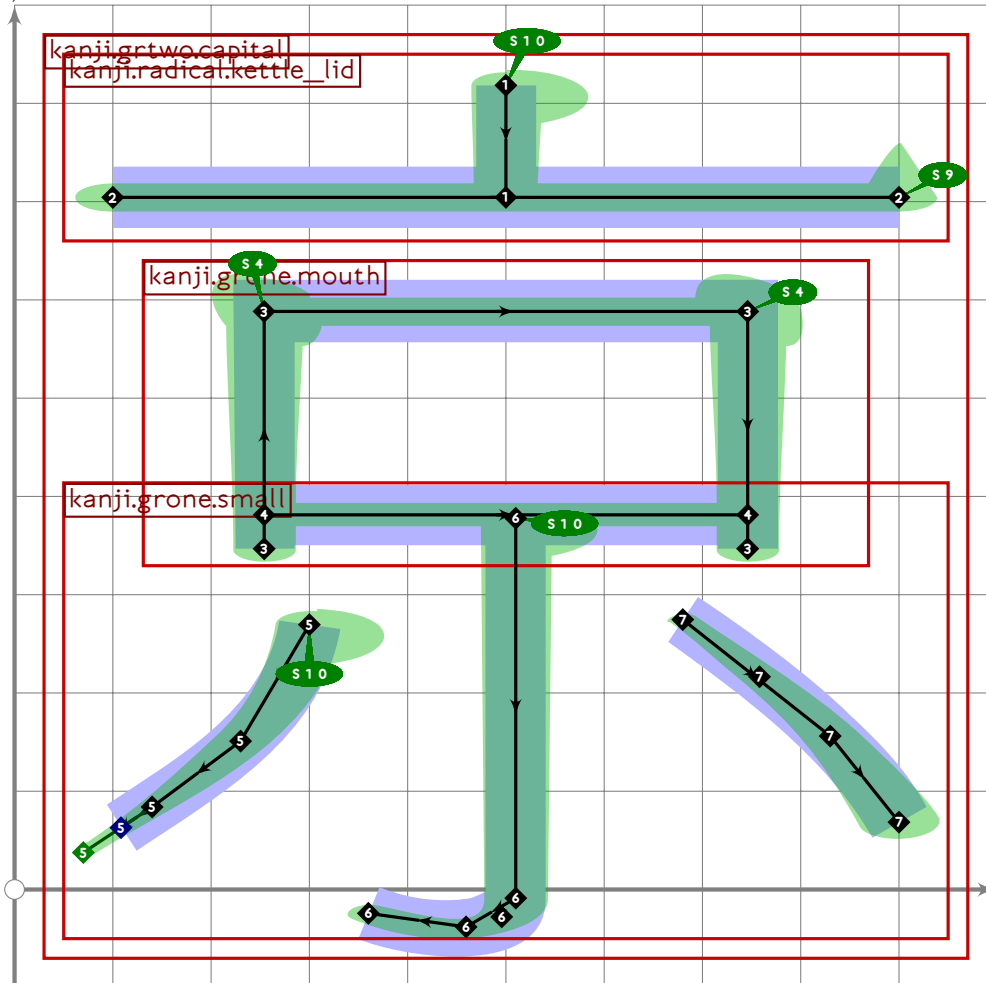
U+4EAC
tsuku.uni4EAC

TWO

```

126 (1.5,1.5)-(1.5,1.5));
127 push_stroke((255,535-15*mincho)..tension 1.2..(220,350)..(170,240),
128 (1.7,1.7)-(1.6,1.6)-(1.6,1.6));
129 set_boserif(0,0,10);
130 push_stroke((get_strokep(0) intersectionpoint ((0,300)-(1000,300)))-
131 (820,300)..tension 1.7..(780,150)..(650,-10)..{curl 0.1}(450,0),
132 (1.6,1.6)-(1.6,1.6)-(1.5,1.5)-(1.7,1.7)-(1.8,1.8));
133 set_botip(0,1,1);
134 set_boserif(0,14);
135 expand_pbox;
136 enddef;

```



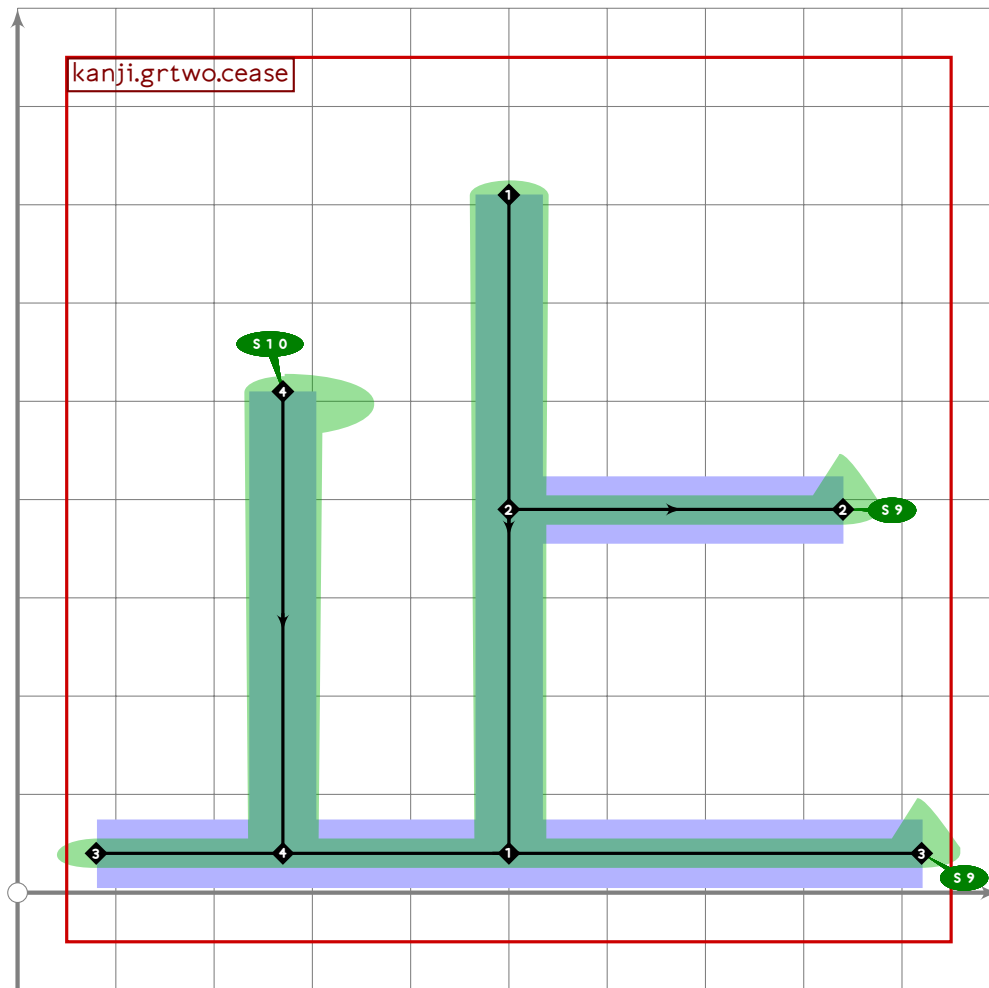
```

137
138 vardef kanji.grtwo.capital =
139   push_pbox_toexpand("kanji.grtwo.capital");
140   build_kanji.level(build_kanji.tb(650,20)
141     (kanji.radical.kettle_lid)
142     (build_kanji.tb(500,110)
143       (build_kanji.sscale(xscaled 0.82)(kanji.grone.mouth))
144       (kanji.grone.small)));
145   set_boserif(0,0,whatever);
146   expand_pbox;

```

147 endif;

148

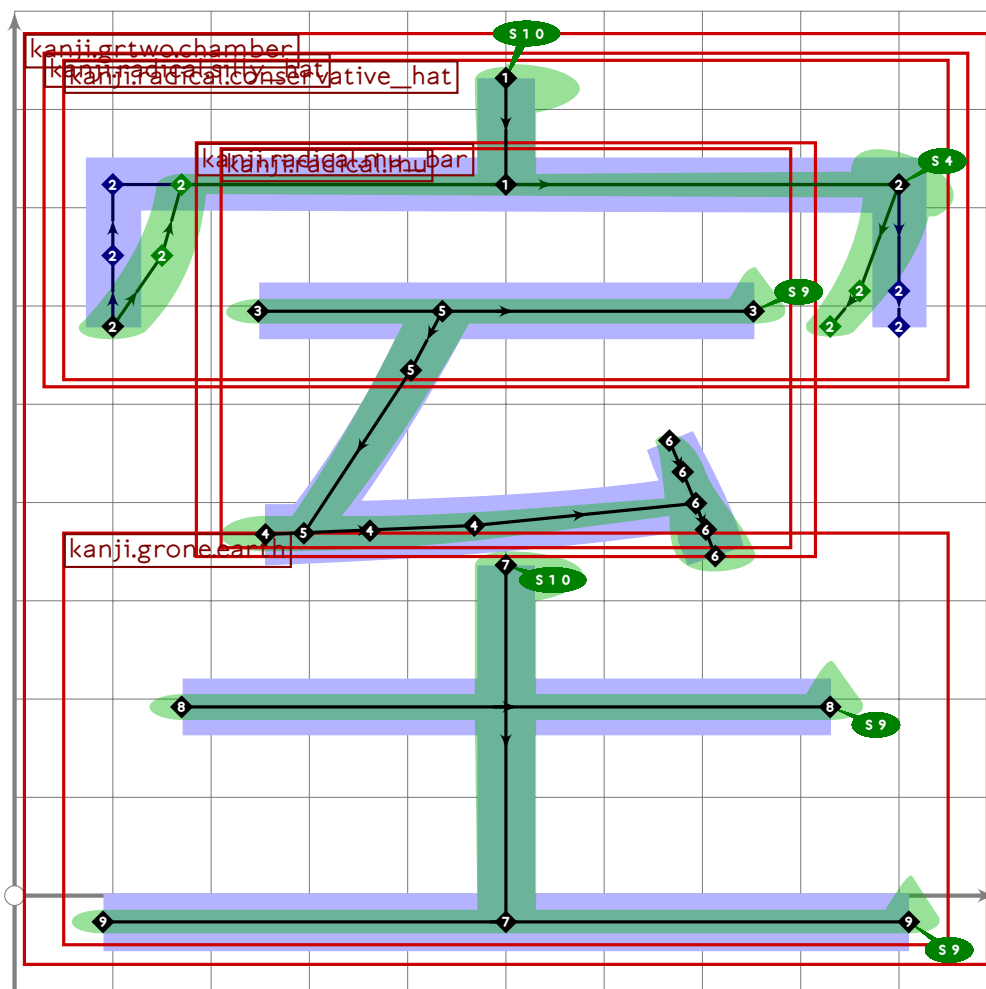


TWO

```

149 % can't use "stop," it is reserved by Metafont
150 vardef kanji.grtwo.cease =
151   push_pbox_toexpand("kanji.grtwo.cease");
152   push_stroke((500,710)-(500,40),(1.6,1.6)-(1.5,1.5));
153   push_stroke((500,390)-(840,390),(1.5,1.5)-(1.6,1.6));
154   set_boserif(0,19);
155   push_stroke((80,40)-(920,40),(1.6,1.6)-(1.6,1.6));
156   set_boserif(0,19);
157   push_stroke((270,510)-(270,40),(1.6,1.6)-(1.5,1.5));
158   set_boserif(0,0,10);
159   expand_pbox;
160 endif;
```

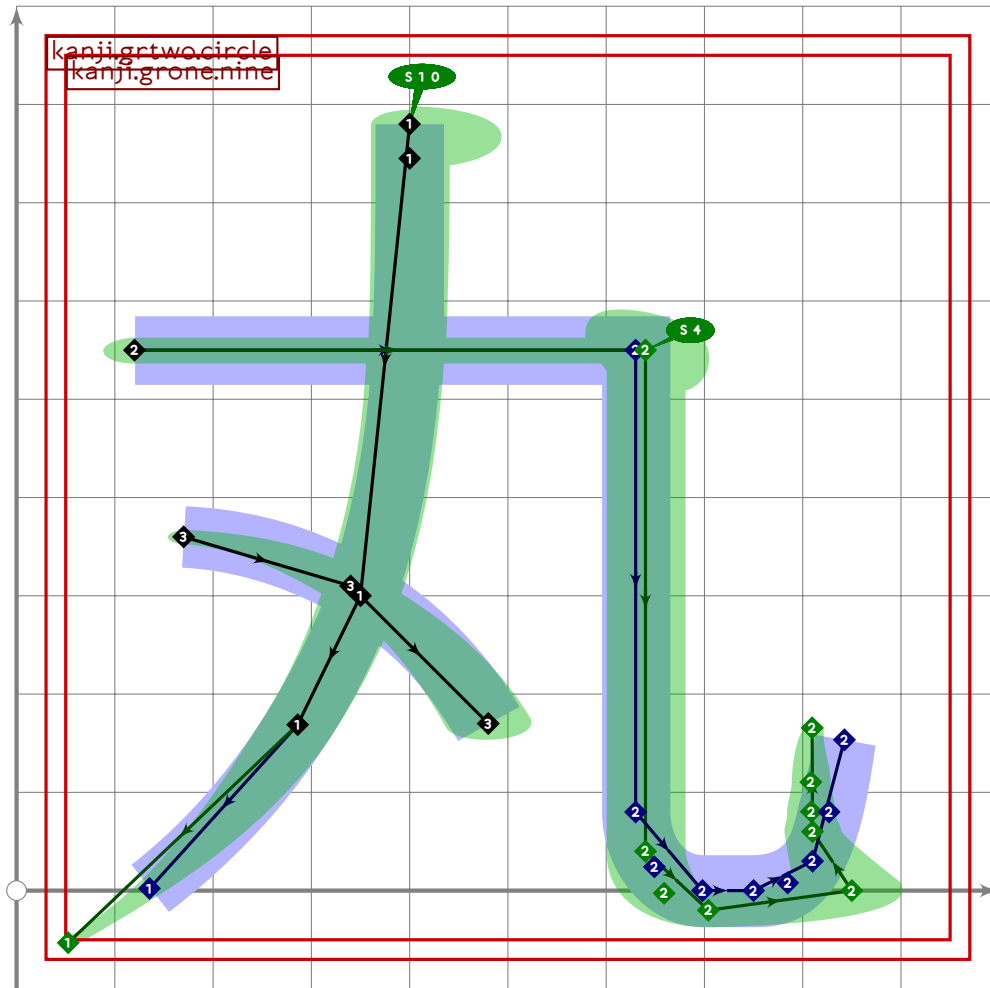
TWO



```

161
162 vardef kanji.grtwo.chamber =
163   push_pbox_toexpand("kanji.grtwo.chamber");
164   build_kanji.tb(600,150)
165     (kanji.radical.silly_hat)
166     (build_kanji.level(build_kanji.tb(420,100)
167       (build_kanji.sscale(scaled 0.7)(kanji.radical.mu_bar))
168       (kanji.grone.earth)));
169   expand_pbox;
170 enddef;

```

TWO

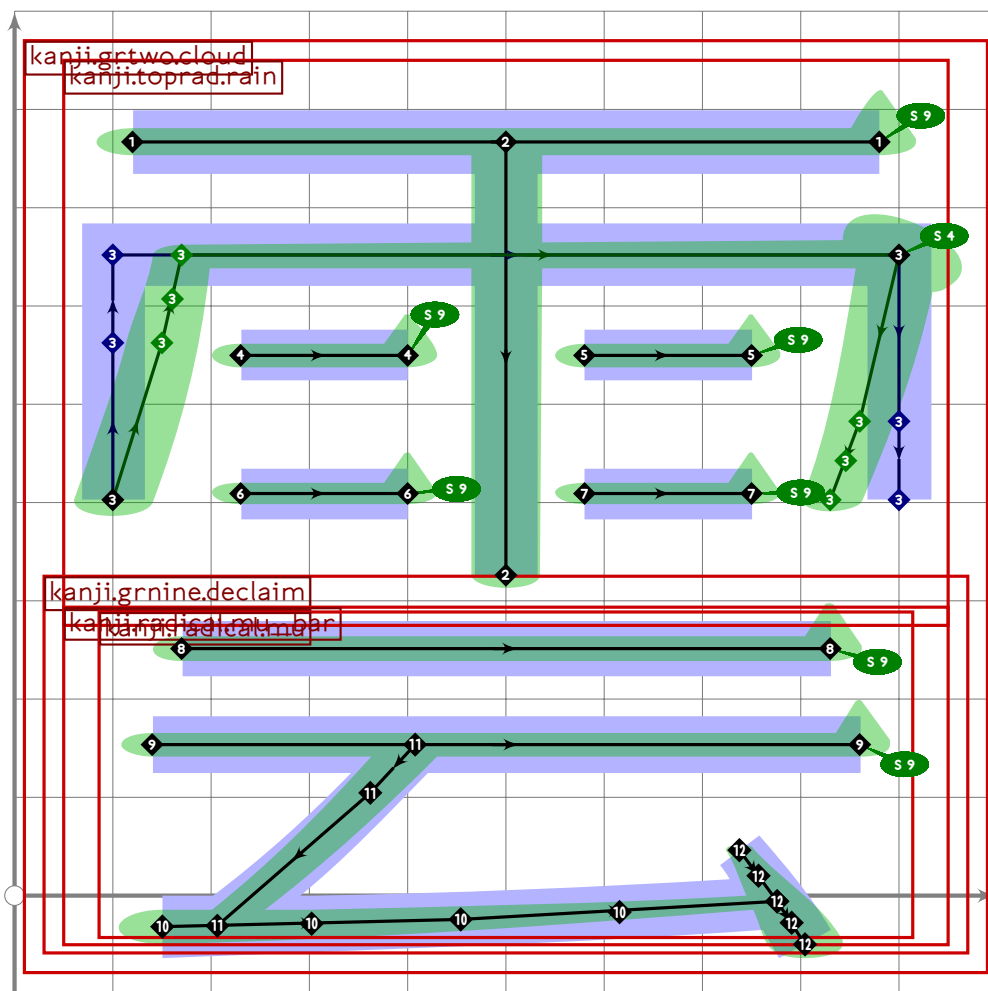
```

171
172 vardef kanji.grtwo.circle =
173   push_pbox__toexpand("kanji.grtwo.circle");
174   kanji.grone.nine;
175   push_stroke((170,360)..(340,310)..(480,170),
176     (1,1)-(14,14)-(17,17));
177   expand_pbox;
178 enddef;

```

U+96F2
tsuku.uni96F2

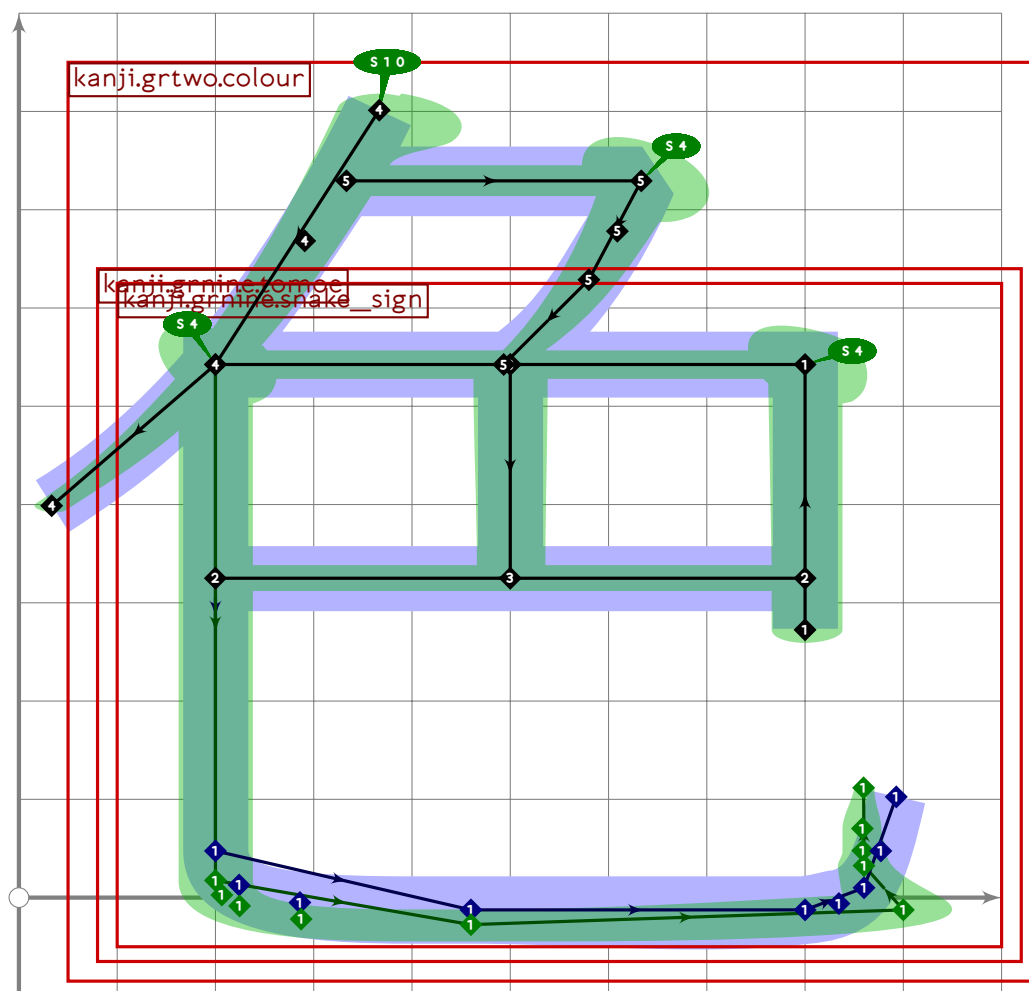
TWO



```

179
180 vardef kanji.grtwo.cloud =
181   push_pbox_toexpand("kanji.grtwo.cloud");
182   build_kanji.tb(300,50)
183     (kanji.toprad.rain)
184     (kanji.grnine.declaim);
185   expand_pbox;
186 enddef;

```



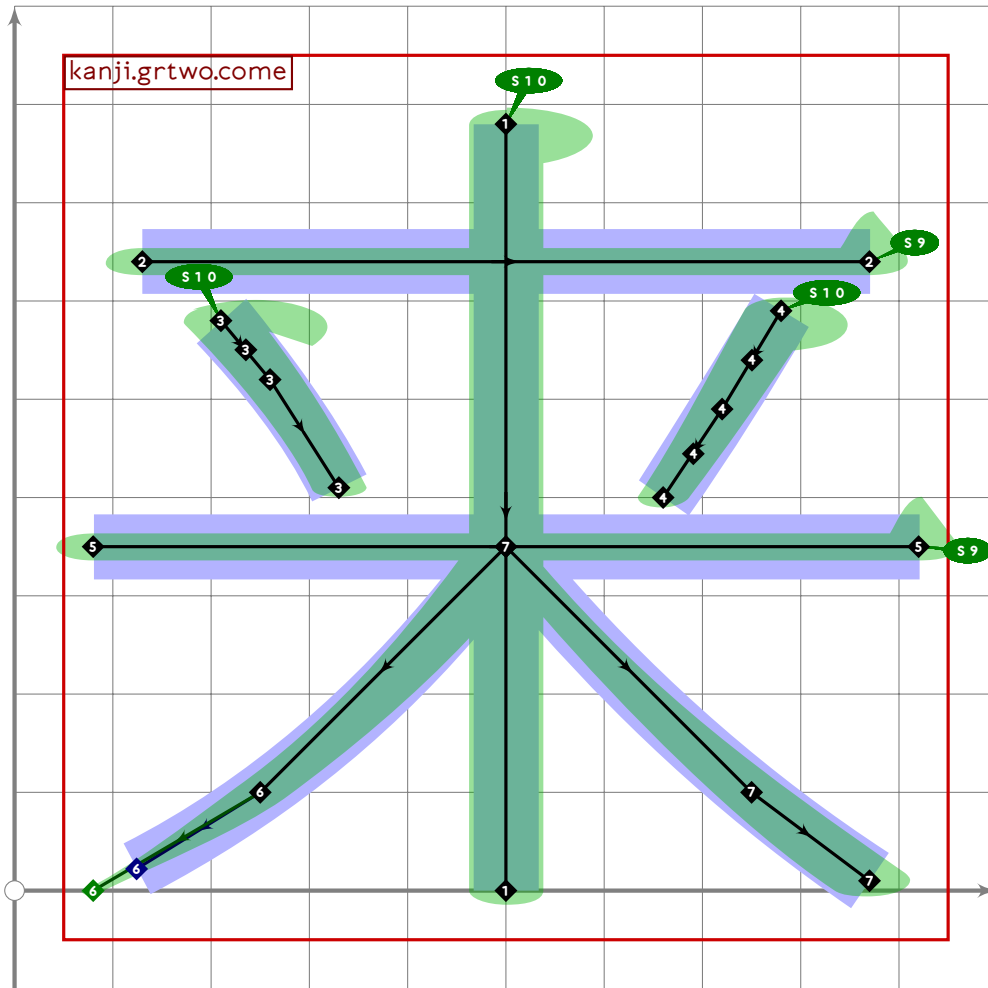
TWO

```

187
188 vardef kanji.grtwo.colour =
189   push_pbox_toexpand("kanji.grtwo.colour");
190   build_kanji.attach_fishhook(0.75)
191   (tsu_xform(identity shifted (50,0))(kanji.grnine.tomoe));
192   expand_pbox;
193 enddef;

```

TWO

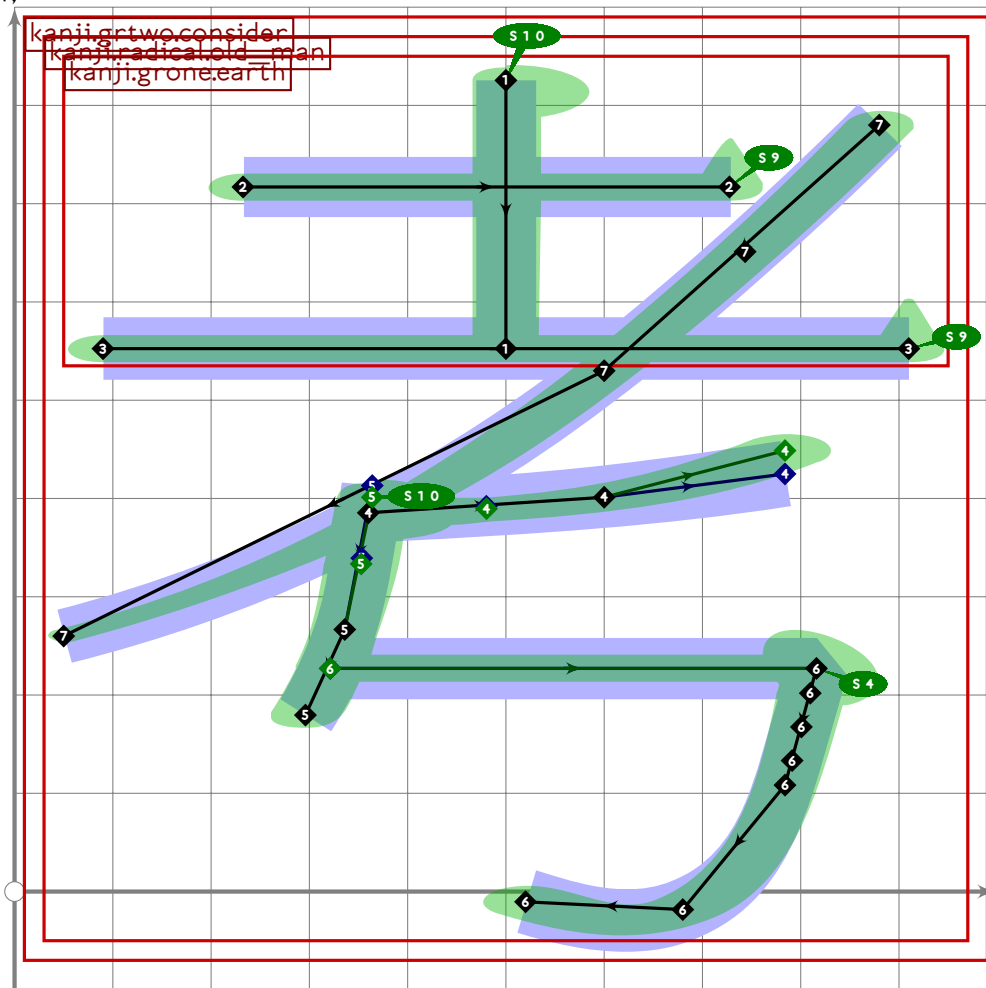


```

194
195 vardef kanji.grtwo.come =
196   push_pbox_toexpand("kanji.grtwo.come");
197   push_stroke((500,780)-(500,0),(1.6,1.6)-(1.6,1.6));
198   set_boserif(0,0,10);
199   push_stroke((130,640)-(870,640),(1.6,1.6)-(1.6,1.6));
200   set_boserif(0,19);
201   push_stroke((210,580)..tension 1.2..(260,520)..(330,410),
202     (1.6,1.6)-(1.5,1.5)-(1.3,1.3));
203   set_boserif(0,0,10);
204   push_stroke((780,590)..tension 1.2..(720,490)..(660,400),
205     (1.6,1.6)-(1.5,1.5)-(1.3,1.3));
206   set_boserif(0,0,10);
207   push_stroke((80,350)-(920,350),(1.6,1.6)-(1.6,1.6));
208   set_boserif(0,19);
209   push_stroke((500,350)..(250,100)..(80,0),
210     (1.6,1.6)..(1.3,1.3)..(0.9,0.9));
211   push_stroke((500,350)..(750,100)..(870,10),
212     (1.1,1.1)..(1.5,1.5)..(1.7,1.7));
213   for i=-6 upto 0: set_bosize(i,94); endfor;
214   expand_pbox;

```

215 endif;



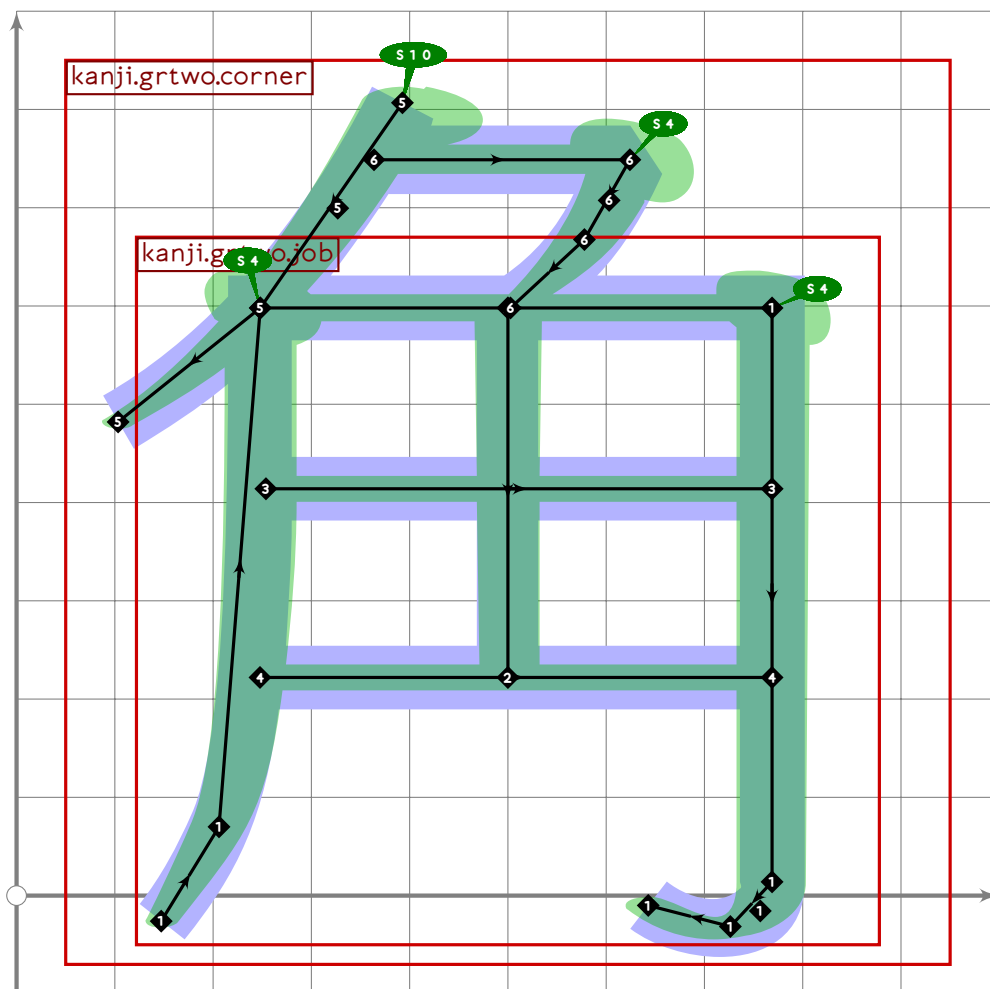
TWO

```

216
217 vardef kanji.grtwo.consider =
218   push_pbox_toexpand("kanji.grtwo.consider");
219   kanji.radical.old_man(
220     build_kanji.sscale(xyscaled (0.8,1.5) shifted (60,220))
221     (push_stroke((250,500)..tension 1.2..(550,520)..(780,550+30*mincho),
222       (1.5,1.5)–(1.5,1.5)–(1.9,1.9));
223     push_stroke((255,535-15*mincho)..tension 1.2..(220,350)..(170,240),
224       (1.7,1.7)–(1.6,1.6)–(1.6,1.6));
225     set_boserif(0,0,10);
226     push_stroke((get_strokep(0) intersectionpoint ((0,300)–(1000,300)))–
227       (820,300)..tension 1.7..(780,150)..(650,-10)..{curl 0.1}(450,0),
228       (1.6,1.6)–(1.6,1.6)–(1.5,1.5)–(1.7,1.7)–(1.8,1.8));
229     set_botip(0,1,1);
230     set_boserif(0,1,4));
231   expand_pbox;
232 endif;
```

U+89D2
tsuku.uni89D2

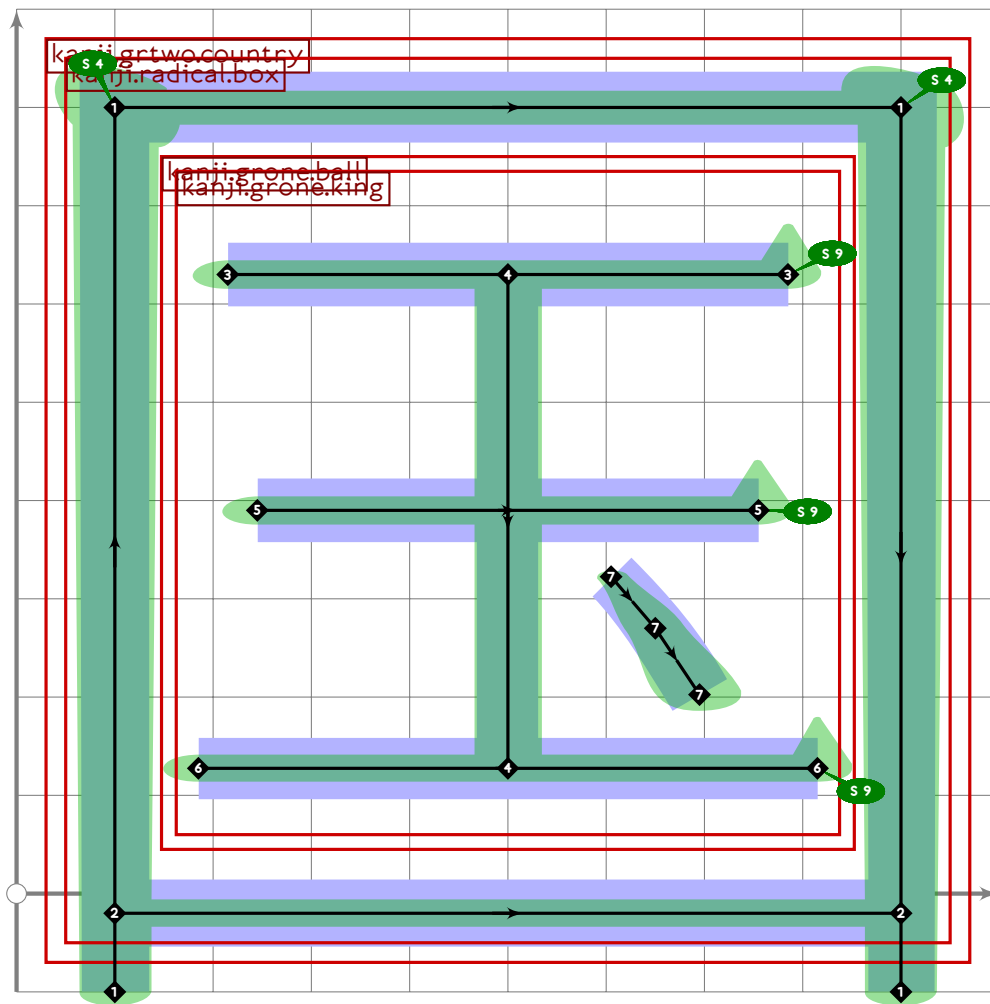
TWO



```

233
234 vardef kanji.grtwo.corner =
235   push_pbox_toexpand("kanji.grtwo.corner");
236   build_kanji.attach_fishhook(0.8)(
237     build_kanji.sscale(xscaled 0.84)(kanji.grtwo.job);
238     replace_stroke(-2)((500,760)-(500,290)));
239   expand_pbox;
240 enddef;

```



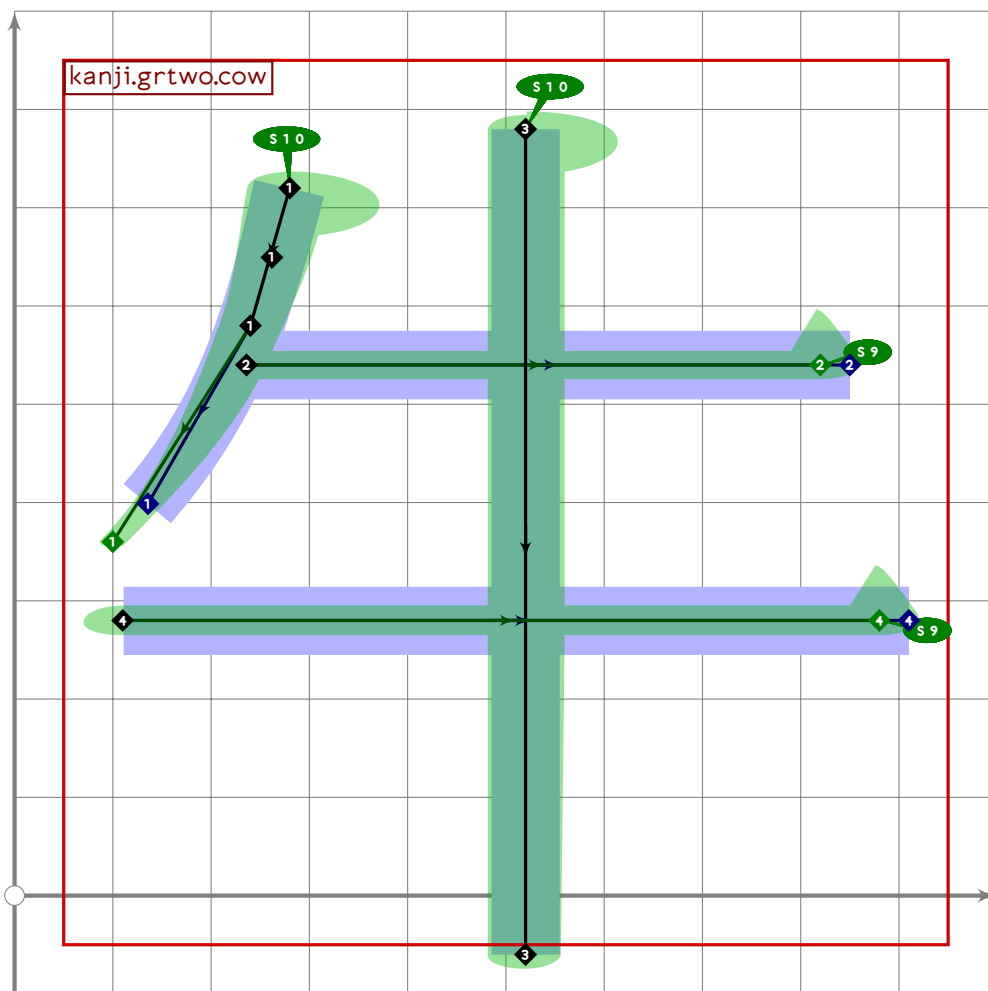
TWO

```

241
242 vardef kanji.grtwo.country =
243   push_pbox_toexpand("kanji.grtwo.country");
244   kanji.radical.box;
245   build_kanji.sscale(scaled 0.75)(kanji.grone.ball);
246   expand_pbox;
247 enddef;

```

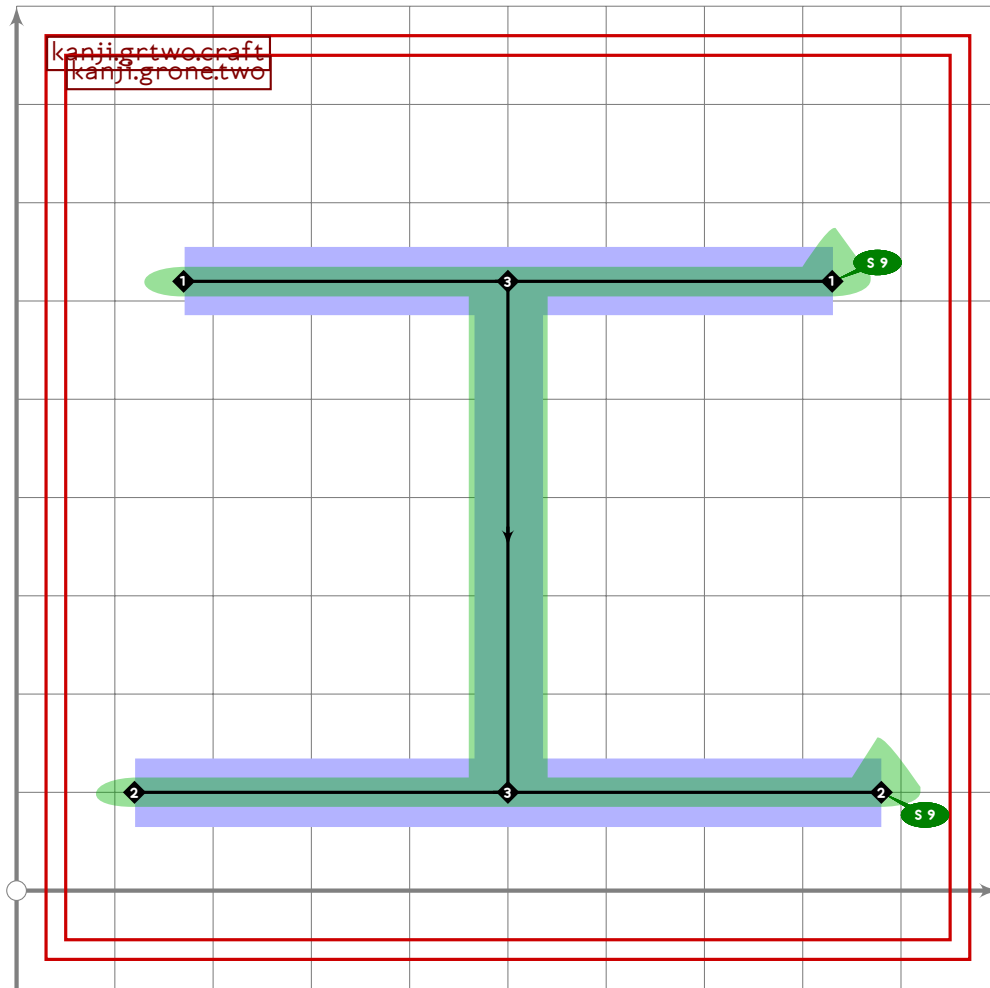
TWO



```

248
249 vardef kanji.grtwo.cow =
250   push_pbox__toexpand("kanji.grtwo.cow");
251   push_stroke((280,720)..tension 1.2..(240,580)..(100,360),
252     (1.7,1.7)-(1.4,1.4)-(0.9,0.9));
253   set_boserif(0,0,10);
254   push_stroke((((0,540)-(1000,540)) intersectionpoint
255     get_strokep(0))+(12,0)-(850-30*mincho,540),
256     (1.6,1.6)-(1.6,1.6));
257   set_boserif(0,1,9);
258   push_stroke((520,780)-(520,-60),(1.6,1.6)-(1.5,1.5));
259   set_boserif(0,0,10);
260   push_stroke((110,280)-(910-30*mincho,280),(1.6,1.6)-(1.6,1.6));
261   set_boserif(0,1,9);
262   expand_pbox;
263 enddef;

```

TWO

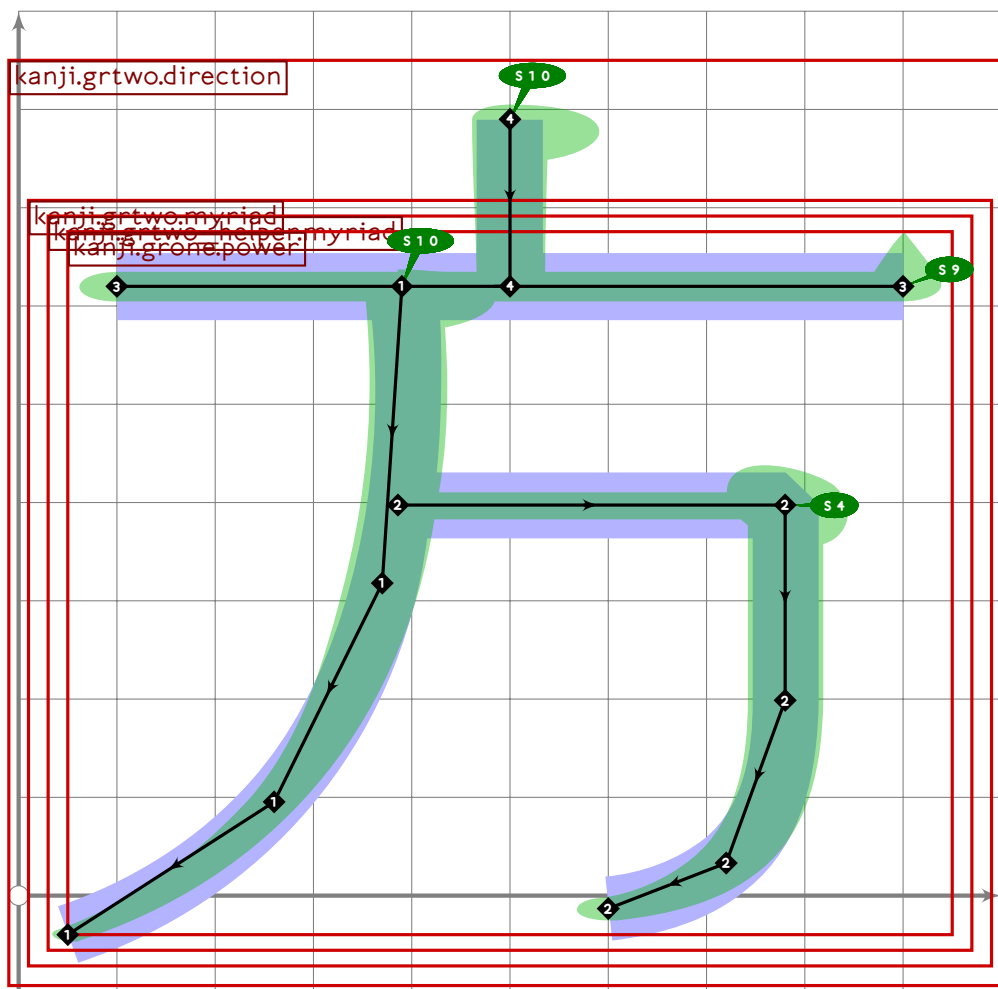
```

264
265 vardef kanji.grtwo.craft =
266   push_pbox_toexpand("kanji.grtwo.craft");
267   kanji.grone.two;
268   push_stroke((point 0.5 of get_stroke(-1))-(point 0.5 of get_stroke(0)),
269     (1.6,1.6)-(1.6,1.6));
270   expand_pbox;
271 enddef;

```

U+65B9
tsuku.uni65B9

TWO



```

272
273 vardef kanji.grtwo.direction =
274   push_pbox_toexpand("kanji.grtwo.direction");
275   build_kanji.level(
276     tsu_xform(identity yscaled (620/780))
277     (kanji.grtwo.myriad);
278     push_stroke((500,790)..(500,620),(1.6,1.6)-(1.5,1.5));
279     set_boserif(0,0,10);
280   );
281   expand_pbox;
282 enddef;

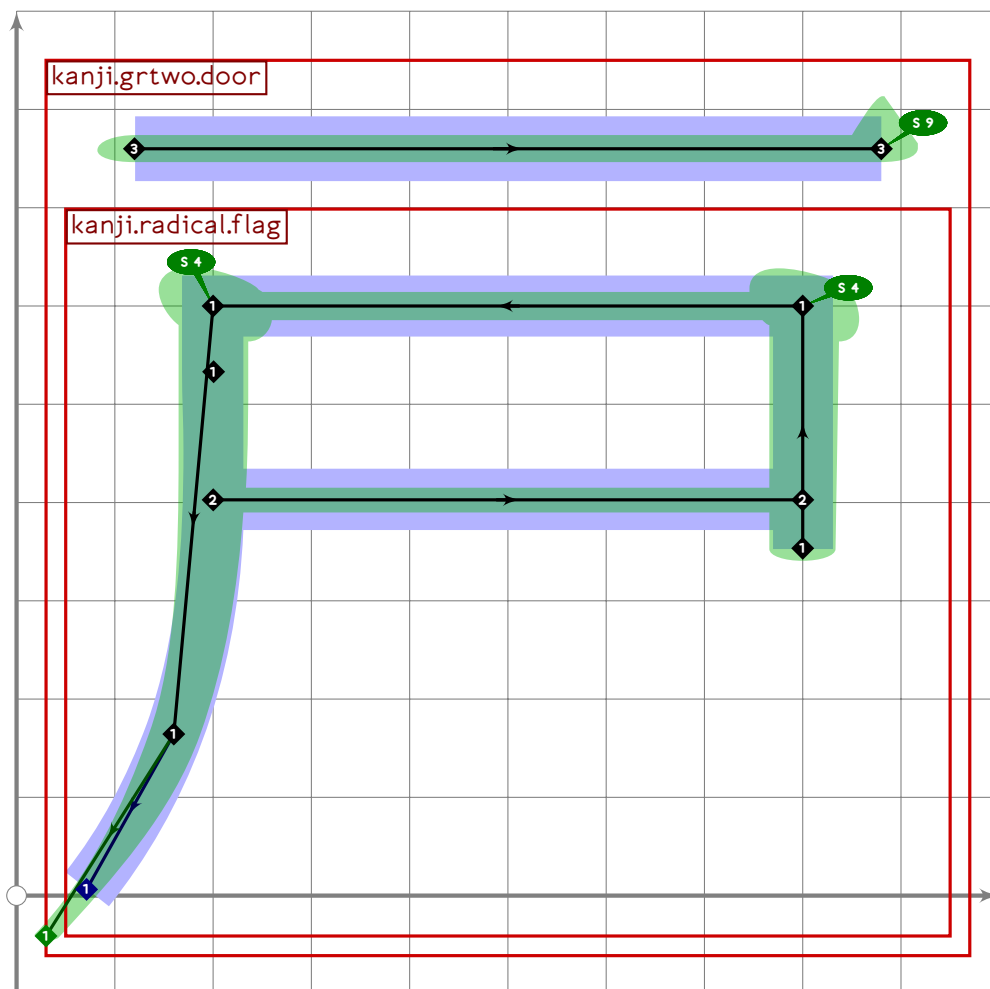
```



TWO

U+6238
tsuku.uni6238

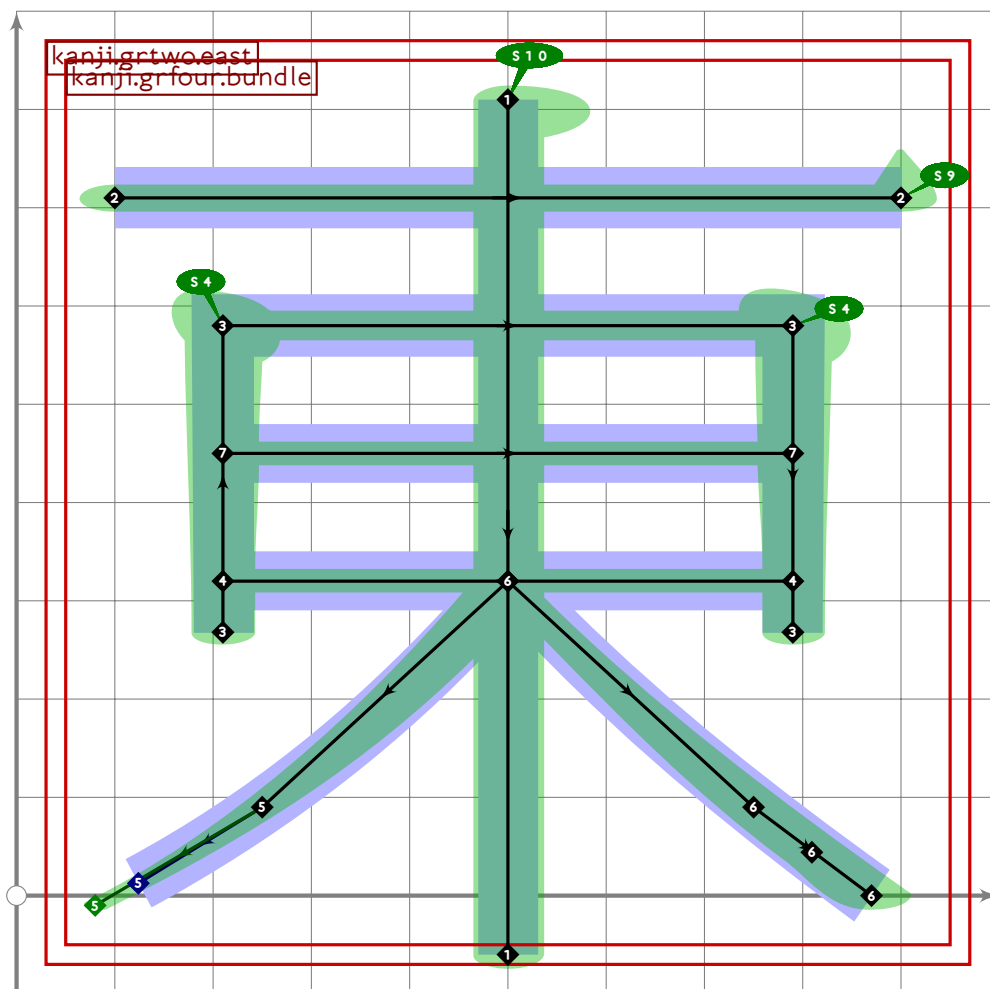
TWO



```

290
291 vardef kanji.grtwo.door =
292   push_pbox_toexpand("kanji.grtwo.door");
293   tsu_xform(identity yscaled (600/730))(kanji.radical.flag);
294   push_stroke((120,760)-(880,760),(1.6,1.6));
295   set_boserif(0,19);
296   set_bosize(0,95);
297   expand_pbox;
298 enddef;

```



TWO

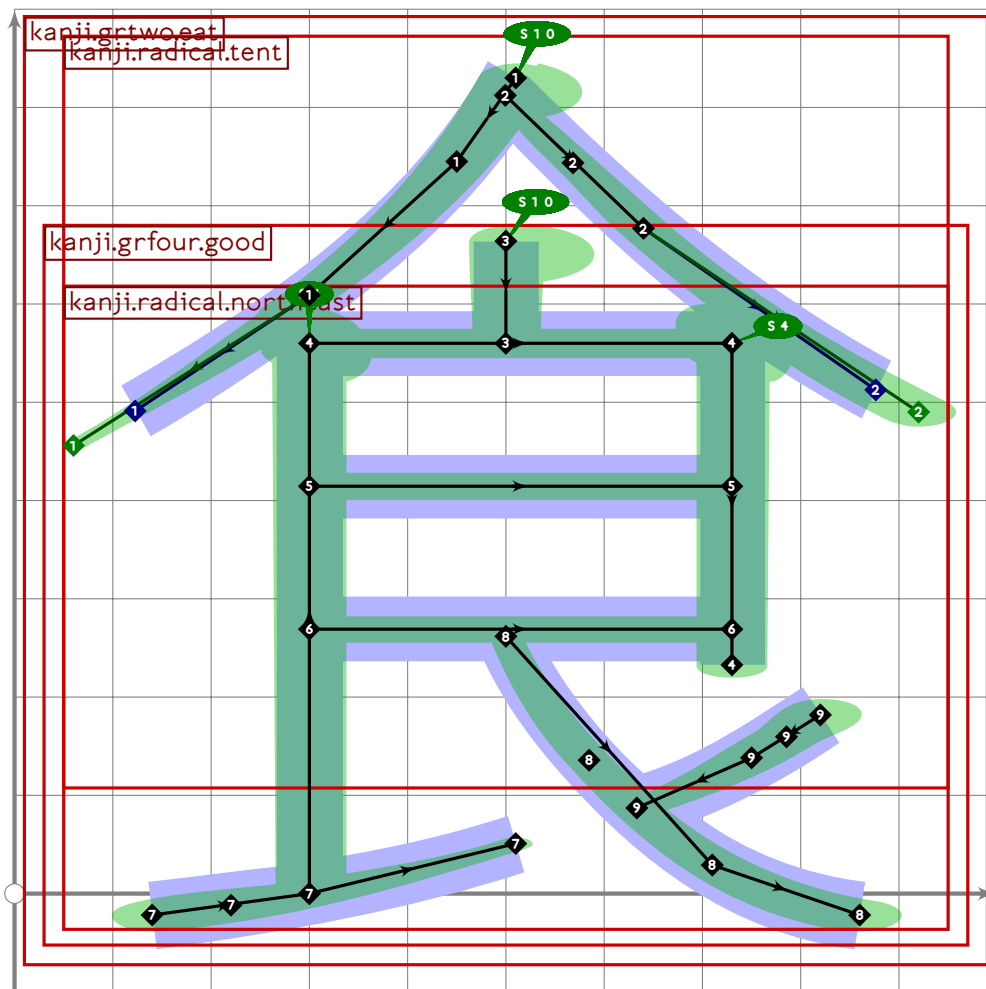
```

299
300 vardef kanji.grtwo.east =
301   push_pbox__toexpand("kanji.grtwo.east");
302   kanji.grfour.bundle;
303   push_stroke((210,450)-(790,450),(1.5,1.5)-(1.5,1.5));
304   set_bosize(0,get_bosize(-1));
305   expand_pbox;
306 enddef;

```

U+98DF
tsuku.uni98DF

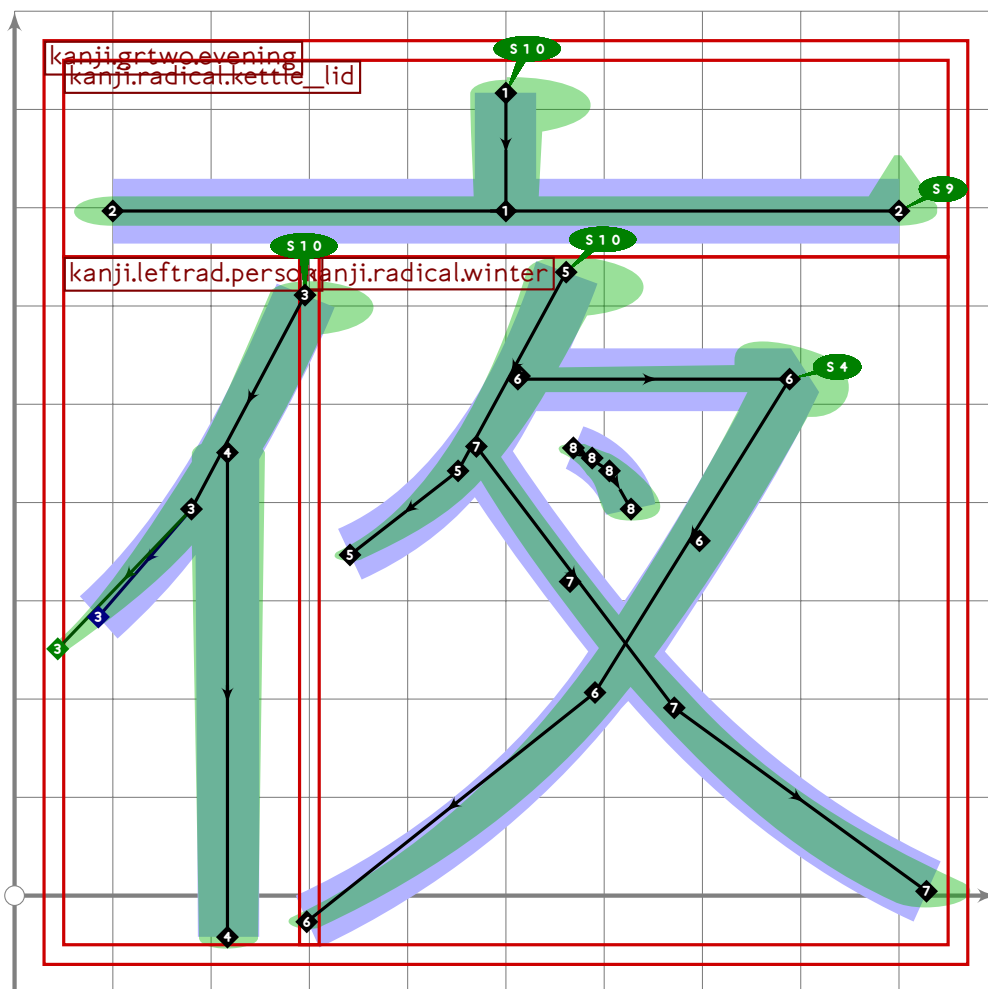
TWO



```

307
308 vardef kanji.grtwo.eat =
309   push_pbox__toexpand("kanji.grtwo.eat");
310   build_kanji.level(
311     tsu_xform(identity yscaled 0.85 shifted (0,150))
312     (kanji.radical.tent);
313   pop_stroke;
314   tsu_xform(identity yscaled 0.8)(kanji.grfour.good));
315   expand_pbox;
316 enddef;

```



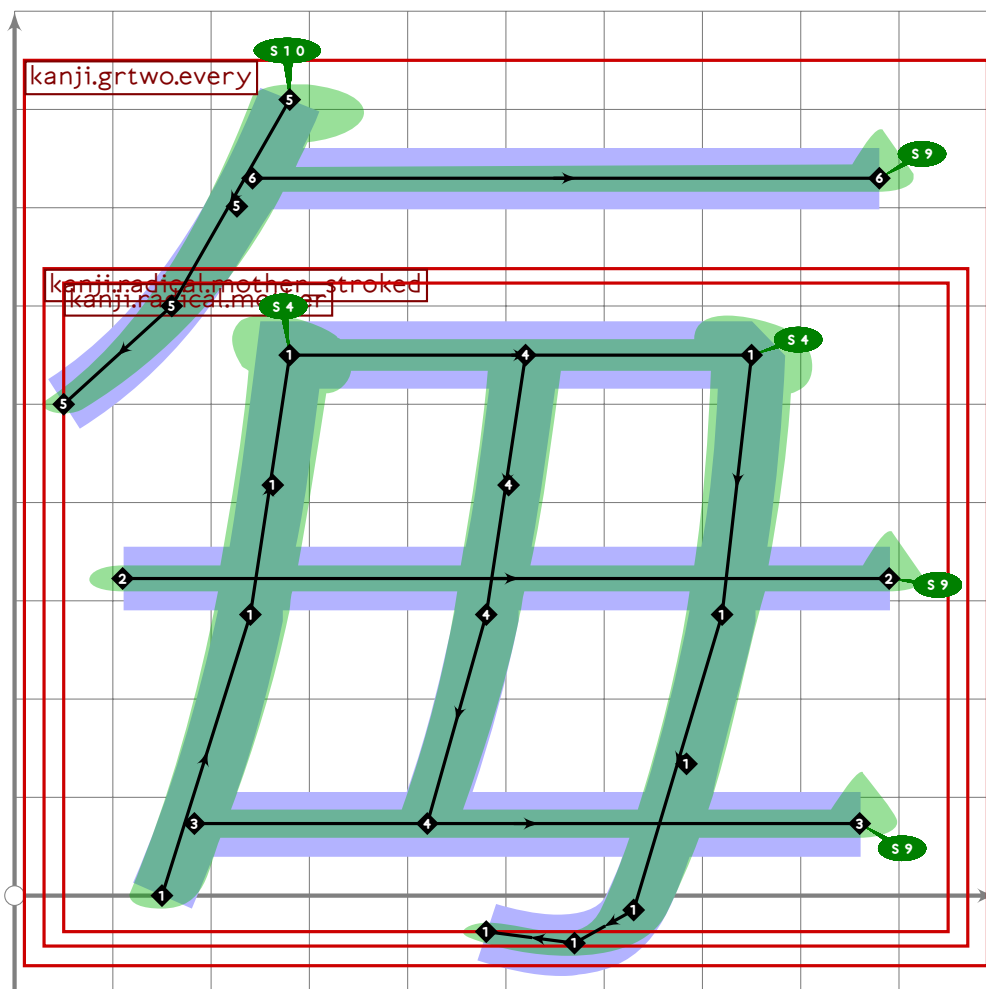
TWO

```

317
318 vardef kanji.grtwo.evening =
319   push_pbox__toexpand("kanji.grtwo.evening");
320   build_kanji.level(build_kanji.tb(650,0)
321     (kanji.radical.kettle_lid)
322     (build_kanji.lr(300,20)
323       (kanji.leftrad.person)
324       (kanji.radical.winter;
325         push_stroke(
326           (430,600)..tension 1.2..(480,570)..(510,520),
327           (1,1,1)-(1,4,4)-(1,6,1,6)))));
328   set_bosize(0,73);
329   expand_pbox;
330 enddef;

```

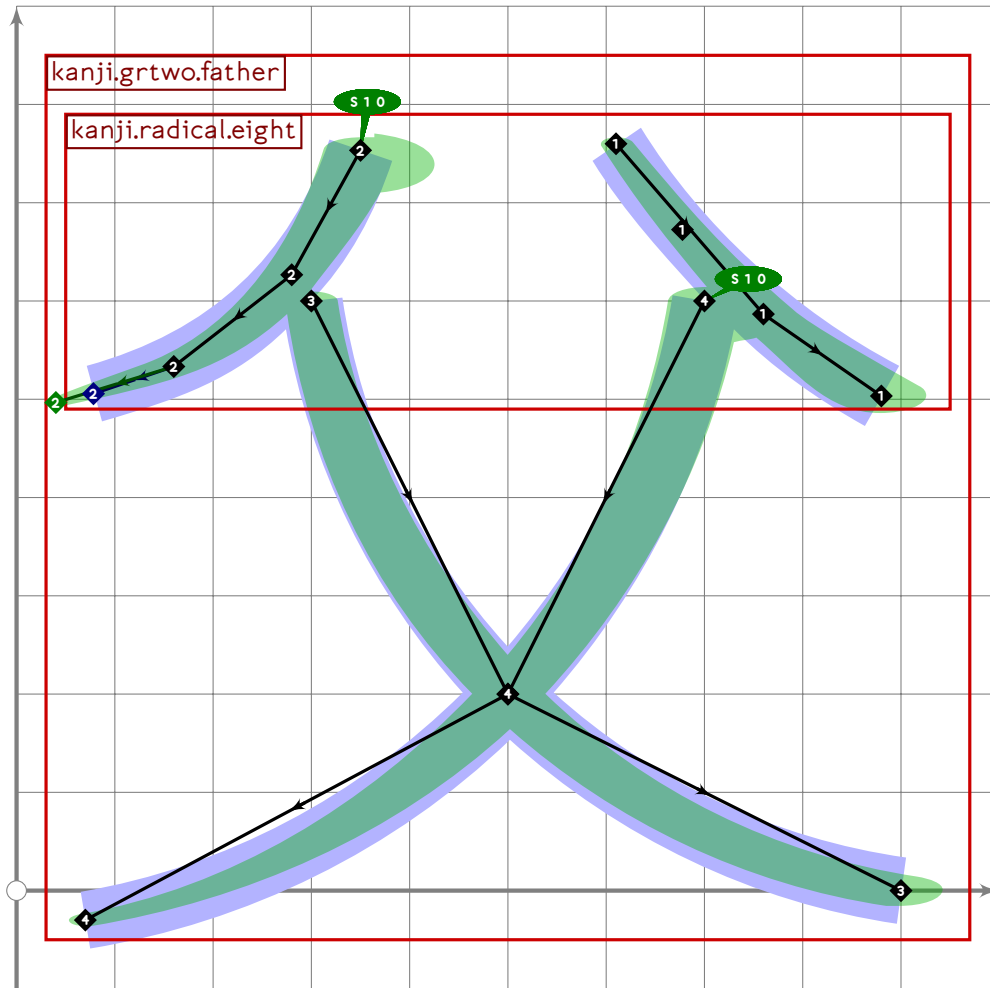
TWO



```

331
332 vardef kanji.grtwo.every =
333   push_pbox_toexpand("kanji.grtwo.every");
334   tsu_xform(identity yscaled (550/750))
335     (kanji.radical.mother_stroked);
336   push_stroke((280,810)..tension 1.2..(160,600)..(50,500),
337     (1.7,1.7)-(1.5,1.5)-(1.2,1.2));
338   set_boserif(0,0,10);
339   set_bosize(0,90);
340   push_stroke((get_strokep(0) intersectionpoint ((0,730)-(1000,730)))-
341     (880,730),
342     (1.5,1.5)-(1.6,1.6));
343   set_boserif(0,19);
344   set_bosize(0,90);
345   expand_pbox;
346 enddef;

```

TWO

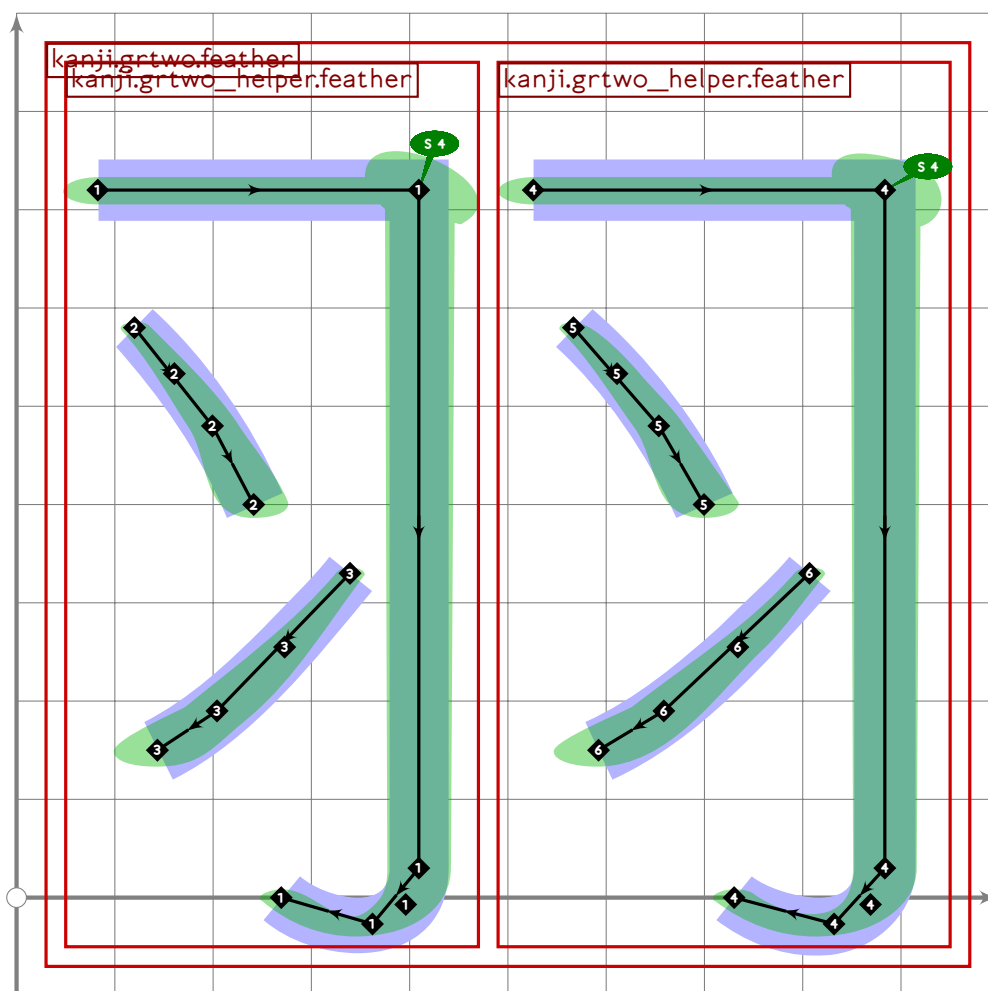
```

347
348 vardef kanji.grtwo.father =
349   push_pbox__toexpand("kanji.grtwo.father");
350   build_kanji.level(build_kanji.tb(700,300)
351     (tsu_xform(identity shifted (0,-180))(kanji.radical.eight))
352     (push_stroke((300,600)..(500,200)..(900,0),
353       (1.3,1.3)-(1.5,1.5)-(1.7,1.7));
354     push_stroke((700,600)..(500,200)..(70,-30),
355       (1.6,1.6)-(1.5,1.5)-(1,1));
356     set_boserif(0,0,10);
357   ));
358   expand_pbox;
359 enddef;

```

U+7FBD
tsuku.uni7FBD

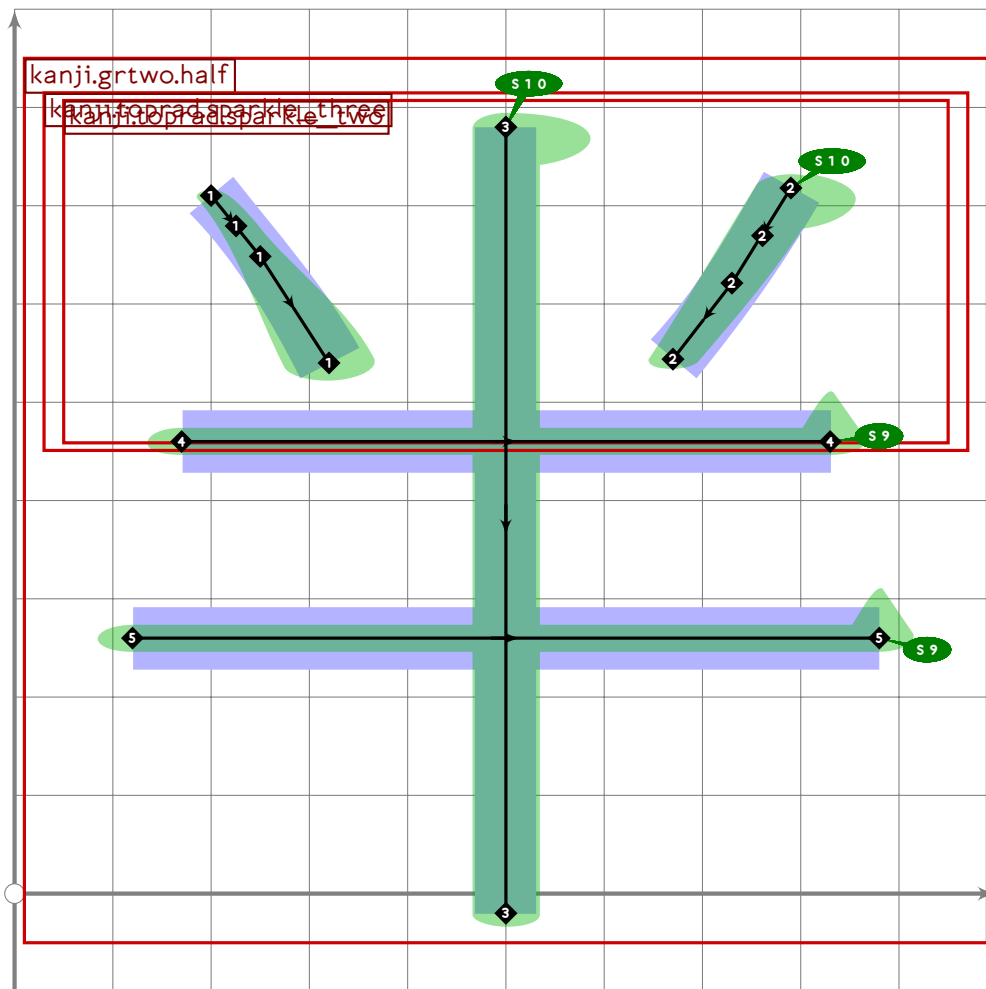
TWO



```

360
361 vardef kanji.grtwo.feather =
362   push_pbox_toexpand("kanji.grtwo.feather");
363   build_kanji.lr(480;20)
364     (kanji.grtwo_helper.feather)
365     (kanji.grtwo_helper.feather);
366   expand_pbox;
367 enddef;

```



TWO

```

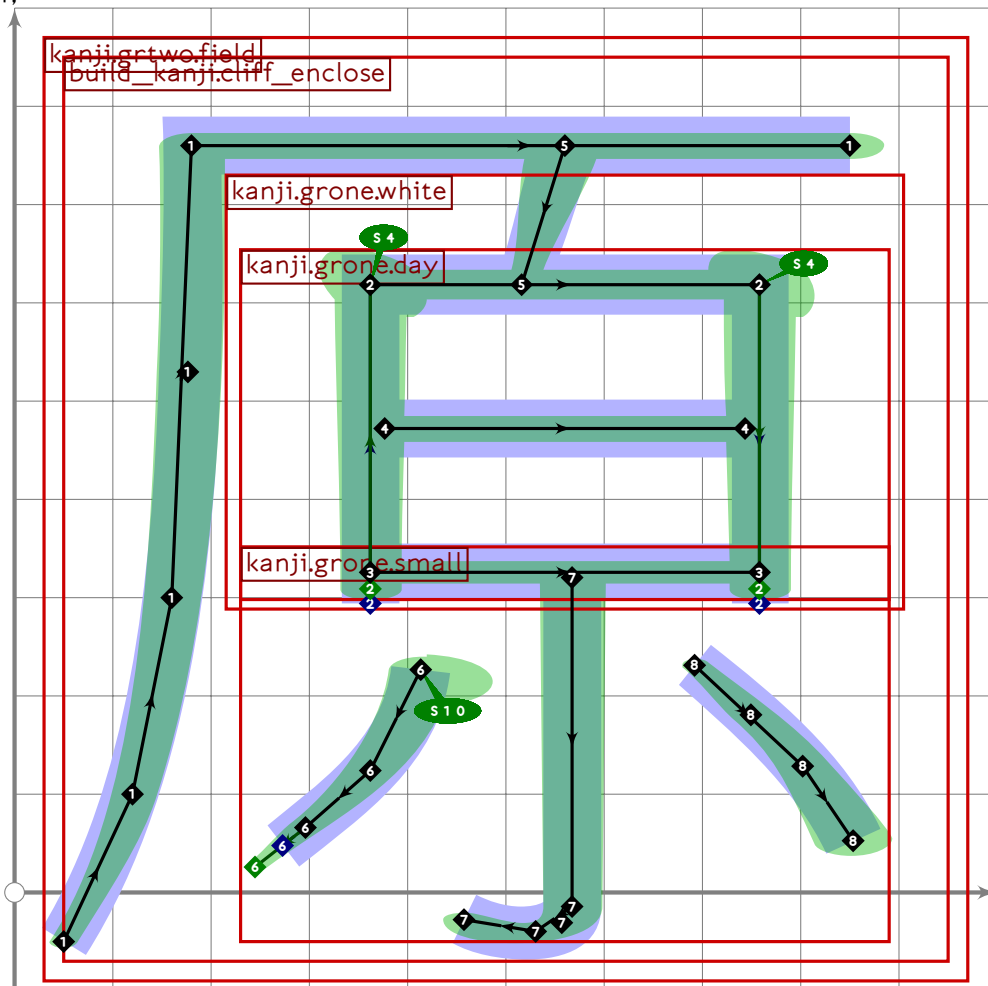
368
369 vardef kanji.grtwo.half =
370   push_pbox_toexpand("kanji.grtwo.half");
371   build_kanji.level(begingroup
372     save saved_path,mytr;
373     path saved_path;
374     transform mytr;
375     xpart mytr=xypart mytr=yxpart mytr=0;
376     xxpart mytr=1;
377     (500,160) transformed mytr=(500,540);
378     (500,780) transformed mytr=(500,780);
379     tsu_xform(mytr)
380     (kanji.toprad.sparkle_three;saved_path:=get_strokep(0));
381     replace_strokep(0)(saved_path);
382     push_stroke((170,460)-(830,460),
383       (1.6,1.6)-(1.6,1.6));
384     set_boserif(0,1,9);
385     push_stroke((120,260)-(880,260),
386       (1.6,1.6)-(1.6,1.6));
387     set_boserif(0,1,9);
388   endgroup);

```

U+539F
tsuku.uni539F

TWO

```
389 expand_pbox;
390 enddef;
391
392 vardef kanji.grtwo_helper.feather =
393   push_pbox_toexpand("kanji.grtwo_helper.feather");
394   push_stroke((60,720)-(410,720),(1.6,1.6)-(1.6,1.6));
395   build_kanji.add_jtail(0);
396   replace_strokep(0)(oldp xscaled 2);
397   set_botip(0,1,1);
398   set_boserif(0,1,4);
399   push_stroke((200,580)..tension 1.2..(370,480)..(460,400),
400     (1,1)-(1.3,1.3)-(1.6,1.6));
401   push_stroke((670,330)..tension 1.2..(380,190)..(250,150),
402     (1,1)-(1.6,1.6)-(1.9,1.9));
403   expand_pbox;
404 enddef;
```

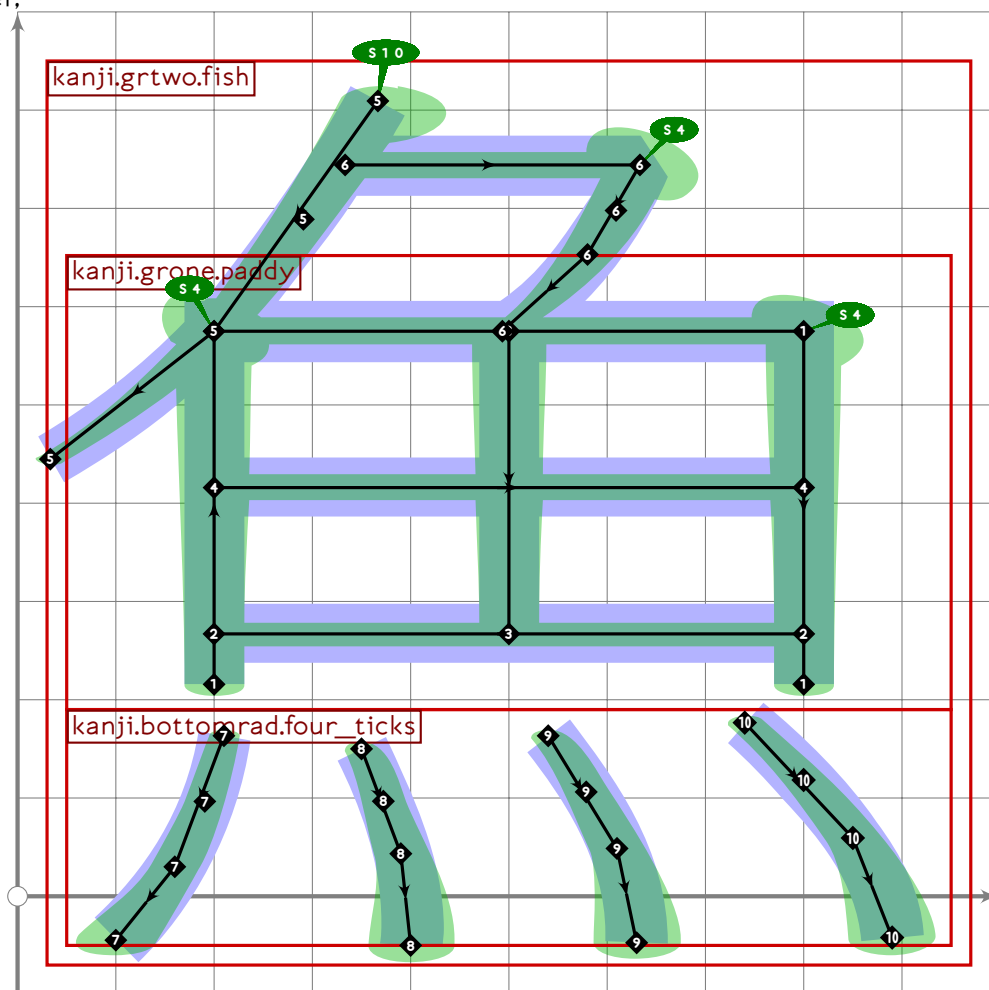


```
405
406 vardef kanji.grtwo.field =
407   push_pbox_toexpand("kanji.grtwo.field");
408   build_kanji.level(build_kanji.cliff_enclose(
409     build_kanji.tb(380,67)
```

```

410     (kanji.gronewhite)
411     (kanji.grone.small)));
412 begingroup
413     save myxf;
414     transform myxf;
415     point 2 of get_stroke(-3) transformed myxf=point 2 of get_stroke(-3);
416     ypart (point 0 of get_stroke(-3) transformed myxf)=760;
417     xpart myxf=yxpart myxf=0;
418     xxpart myxf=1;
419     replace_stroke(-3)(oldp transformed myxf);
420 endgroup;
421 set_boserif(-3,0,whatever);
422 set_boserif(-1,0,whatever);
423 expand_pbox;
424 enddef;

```



```

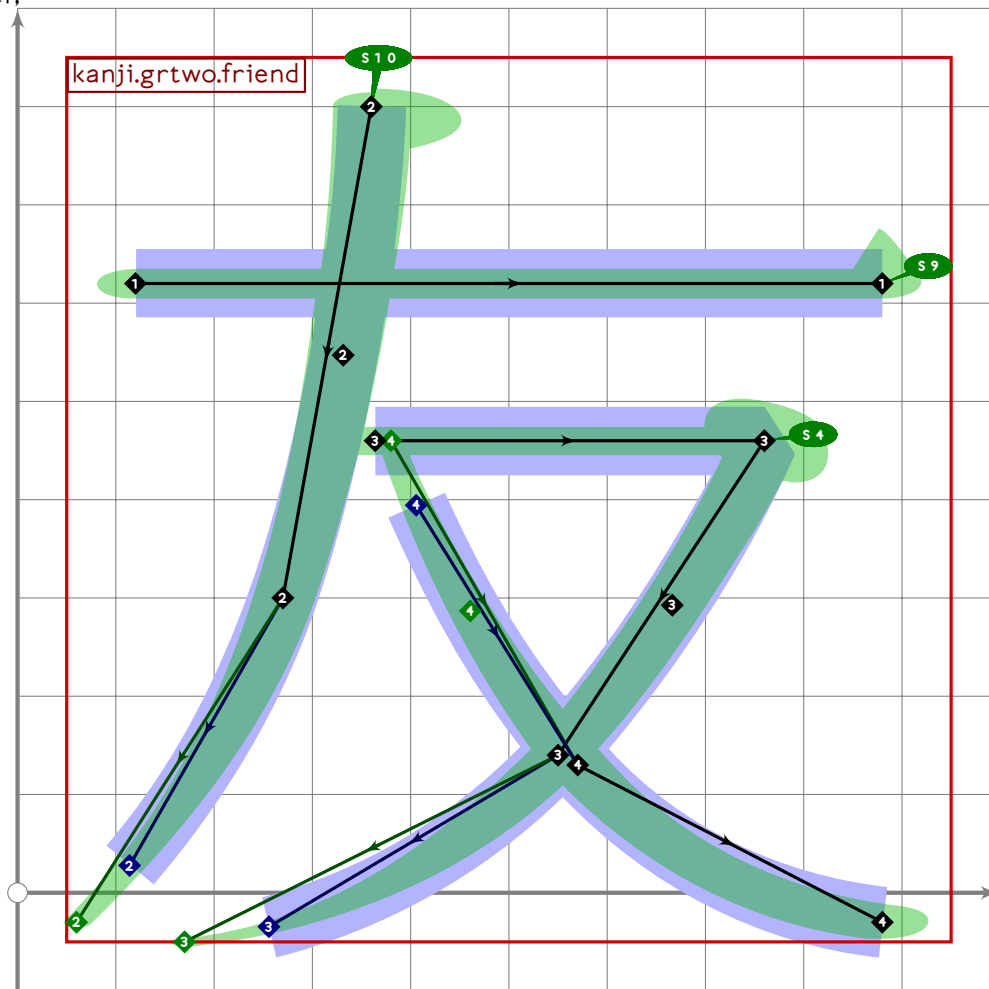
425
426 vardef kanji.grtwo.fish =
427     push_pbox_toexpand("kanji.grtwo.fish");
428     build_kanji.level(build_kanji.tb(190,0)
429         (build_kanji.attach_fishhook(0.7)(kanji.grone.paddy))
430         (kanji.bottomrad.four_ticks));

```

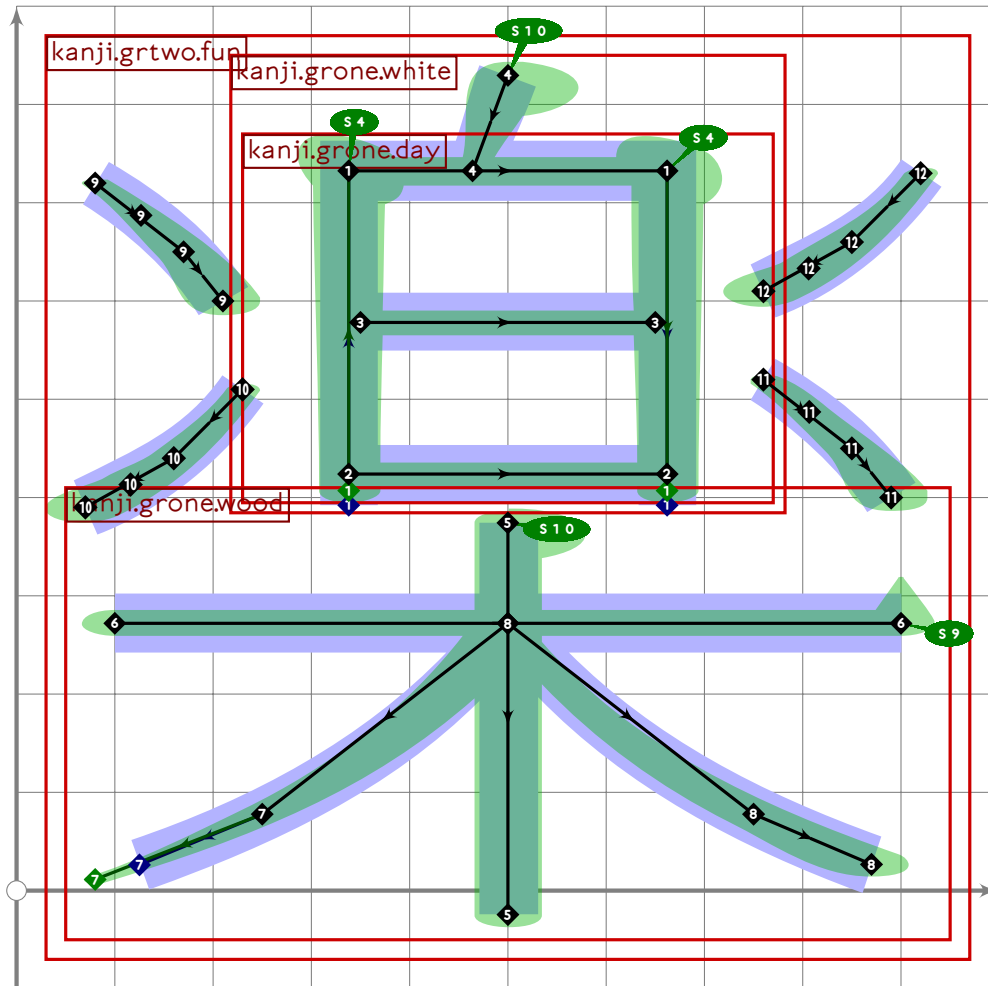
U+53CB
tsuku.uni53CB

```
431 expand_pbox;
432 enddef;
```

TWO



```
433
434 vardef kanji.grtwo.friend =
435   push_pbox_toexpand("kanji.grtwo.friend");
436   build_kanji.lean_to((360,-30));
437   push_stroke(
438     ((50,0)+(get_stroke(0) intersectionpoint ((0,460)-(1000,460))))-
439     (760,460)..tension 1.2..(550,140)..(170,-50),
440     (1.6,1.6)-(1.5,1.5)-(1.4,1.4)-(0.9,0.9));
441   set_botip(0,1,0);
442   set_boserif(0,1,4);
443   push_stroke((380,460)..tension 1.2..(570,130)..(880,-30),
444     (0.9,0.9)-(1.4,1.4)-(1.8,1.8));
445   expand_pbox;
446 enddef;
```



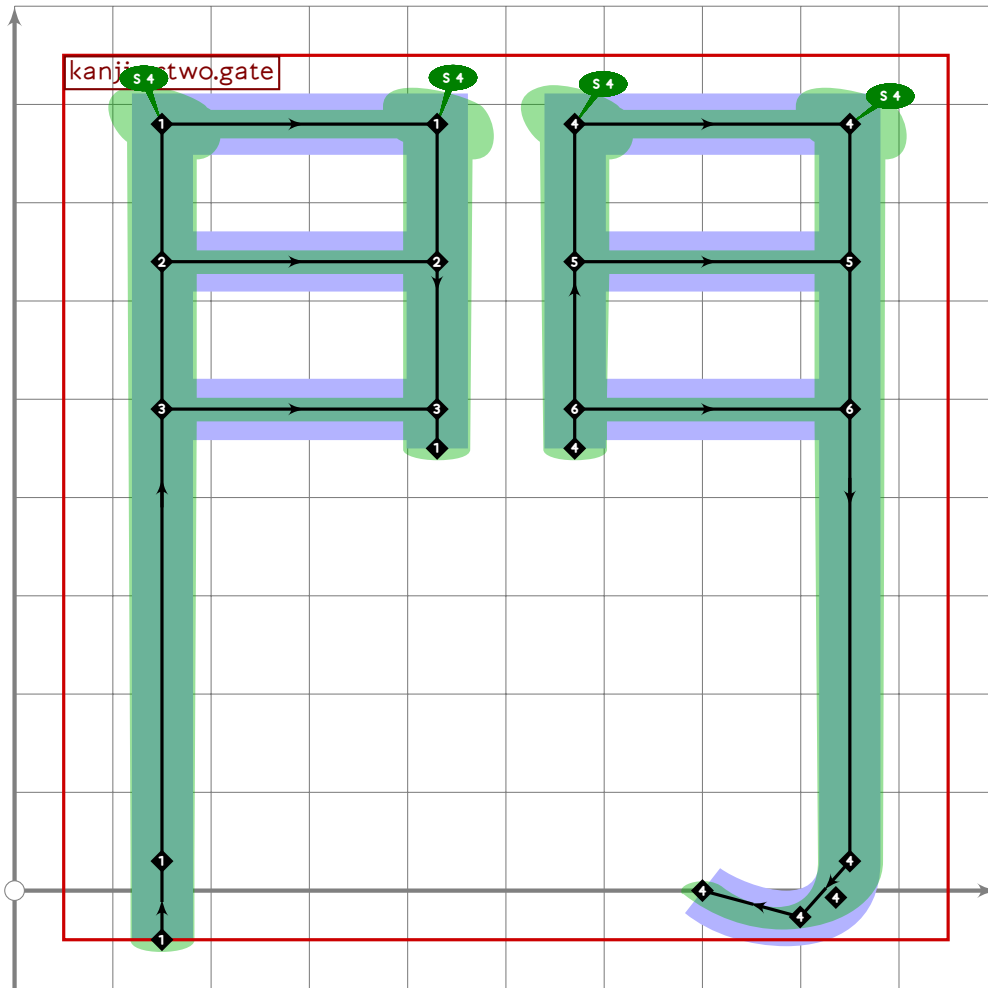
TWO

```

447
448 vardef kanji.grtwo.fun =
449   push_pbox_toexpand("kanji.grtwo.fun");
450   build_kanji.level(
451     build_kanji.tb(400,20)
452     (build_kanji.sscale(xscaled 0.6)(kanji.grone.white))
453     (kanji.grone.wood));
454   push_stroke((80,720)..tension 1.2..(170,650)..(210,600),
455     (1,1)-(1.5,1.5)-(1.8,1.8));
456   set_bosize(0,80);
457   push_stroke((230,510)..(160,440)..tension 1.2..(70,390),
458     (1,1,1)-(1.4,1.4)-(1.9,1.9));
459   set_bosize(0,80);
460   push_stroke(get_stroke(-1) shifted ((760,520)-point 0 of get_stroke(-1)),
461     get_stroke(-1));
462   set_bosize(0,80);
463   push_stroke(get_stroke(-1) shifted ((760,610)-point 2 of get_stroke(-1)),
464     get_stroke(-1));
465   set_bosize(0,80);
466   expand_pbox;
467 enddef;

```

TWO



```

468
469 vardef kanji.grtwo.gate =
470   push_pbox_toexpand("kanji.grtwo.gate");
471   push_stroke((150,50)–(150,30)–(150,780)–(430,780)–(430,450),
472     (1.5,1.5)–(1.5,1.5)–(1.6,1.6)–(1.6,1.6)–(1.5,1.5));
473   set_botip(0,2,1);
474   set_botip(0,3,1);
475   set_boserif(0,2,4);
476   set_boserif(0,3,4);
477   push_stroke((150,640)–(430,640),
478     (1.5,1.5)–(1.5,1.5));
479   push_stroke((150,490)–(430,490),
480     (1.5,1.5)–(1.5,1.5));
481   push_stroke((570,450)–(570,780)–(850,780),
482     (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
483   build_kanji.add_jtail(0);
484   set_botip(0,1,1);
485   set_botip(0,2,1);
486   set_boserif(0,1,4);
487   set_boserif(0,2,4);
488   push_stroke((570,640)–(850,640),

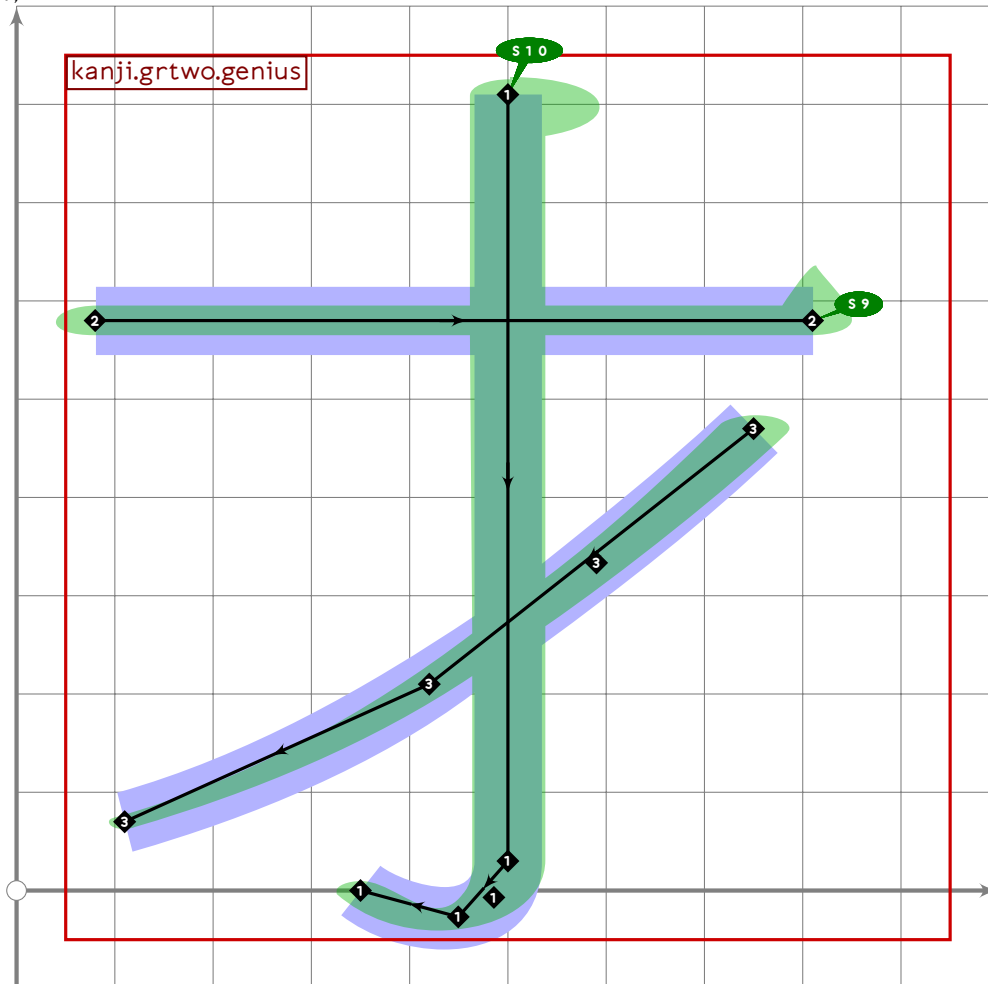
```



```

489 (1.5,1.5)-(1.5,1.5));
490 push_stroke((570,490)-(850,490),
491 (1.5,1.5)-(1.5,1.5));
492 for i=-5 upto 0: set_bosize(i,90); endfor;
493 expand_pbox;
494 enddef;

```



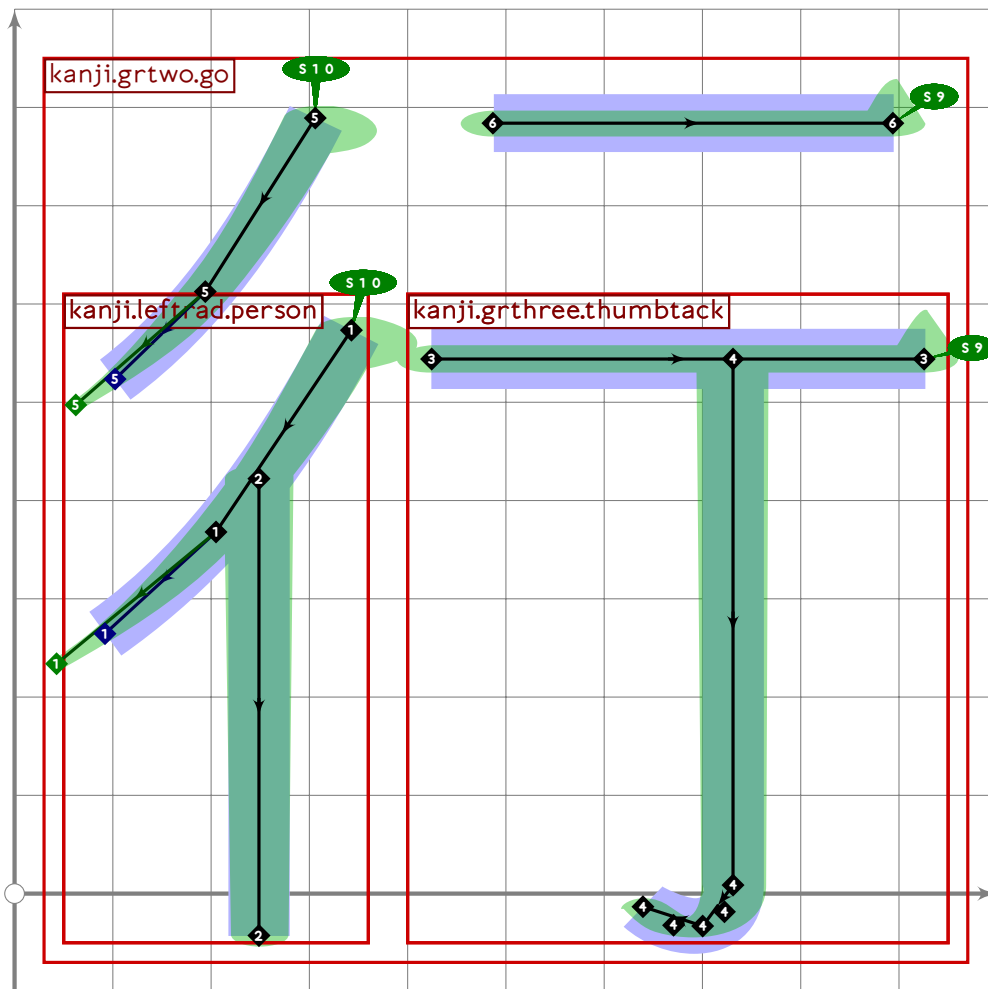
TWO

```

495
496 vardef kanji.grtwo.genius =
497   push_pbox_toexpand("kanji.grtwo.genius");
498   push_stroke((500,810),(1.6,1.6));
499   build_kanji.add_jtail(0);
500   set_bosetif(0,0,10);
501   push_stroke((80,580)-(810,580),(1.6,1.6)-(1.6,1.6));
502   set_bosetif(0,19);
503   push_stroke((750,470)..tension 1.2..(420,210)..(110,70),
504     (1.5,1.5)-(1.2,1.2)-(1,1));
505   expand_pbox;
506 enddef;

```

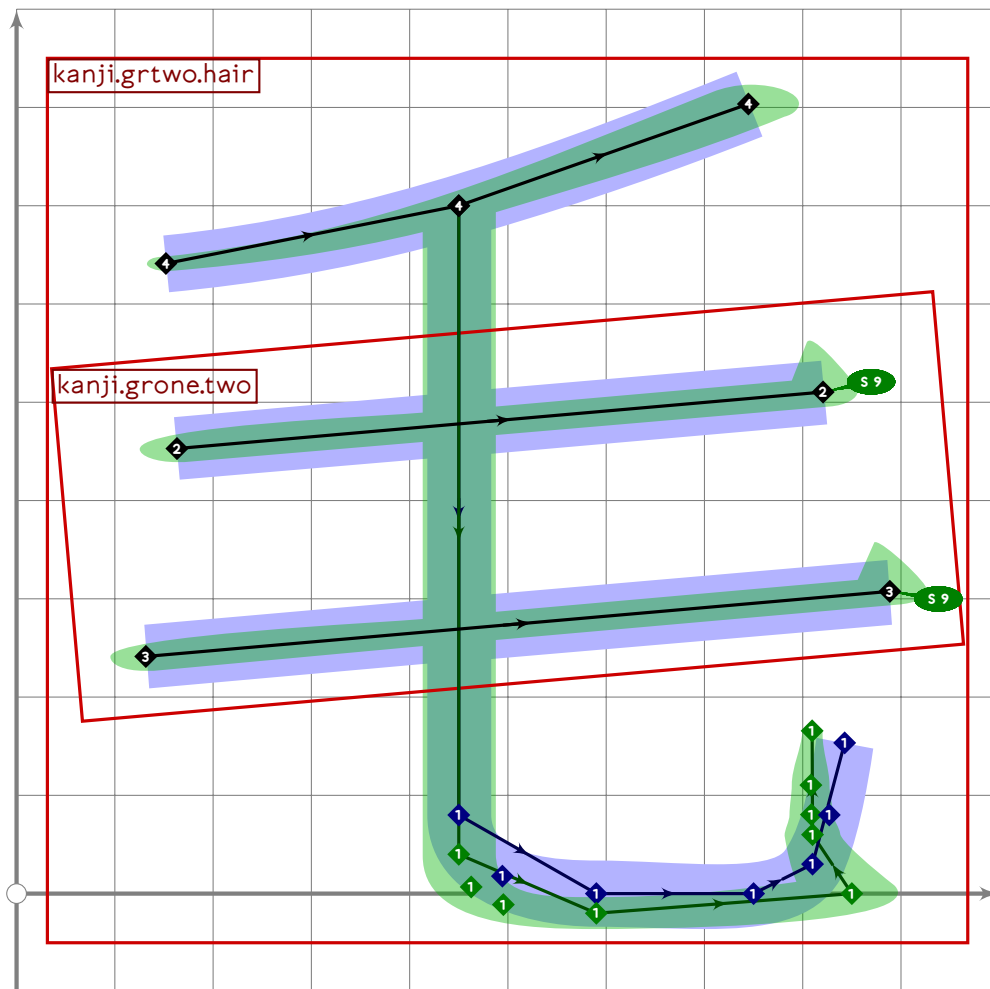
TWO



```

507
508 vardef kanji.grtwo.go =
509   push_pbox_toexpand("kanji.grtwo.go");
510   build_kanji.harmonic(240,0.86,50)
511     (build_kanji.level(build_kanji.lr(380;-40)
512       (kanji.leftrad.person)
513       (kanji.grthree.thumbtack)));
514   replace_stroke(-4)(oldp shifted (50,0));
515   expand_pbox;
516 enddef;

```



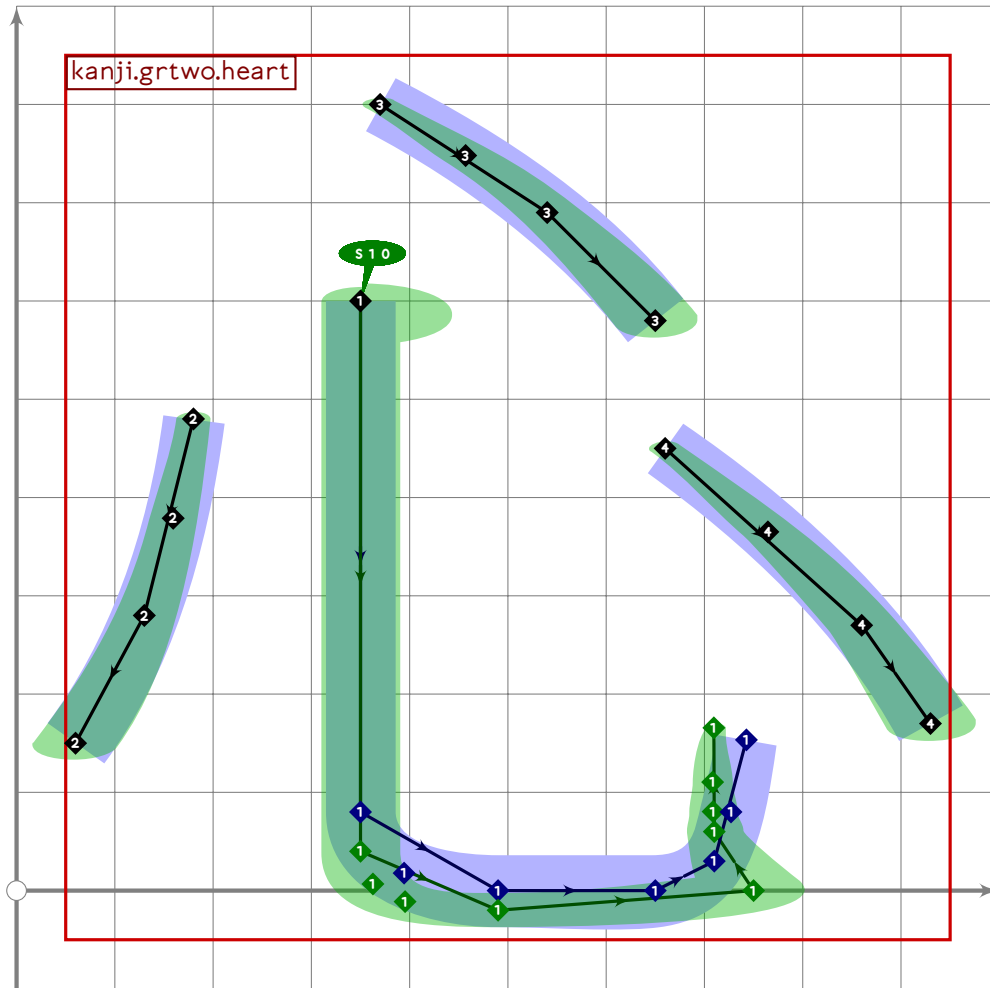
TWO

```

517
518 vardef kanji.grtwo.hair =
519   push_pbox_toexpand("kanji.grtwo.hair");
520   build_kanji.level(build_kanji.add_beret(
521     push_stroke((450,700),(1.6,1.6));
522     build_kanji.add_tail(0);
523     build_kanji.sscale(yscaled 0.4 rotated 5)(kanji.grone.two)));
524   expand_pbox;
525 enddef;

```

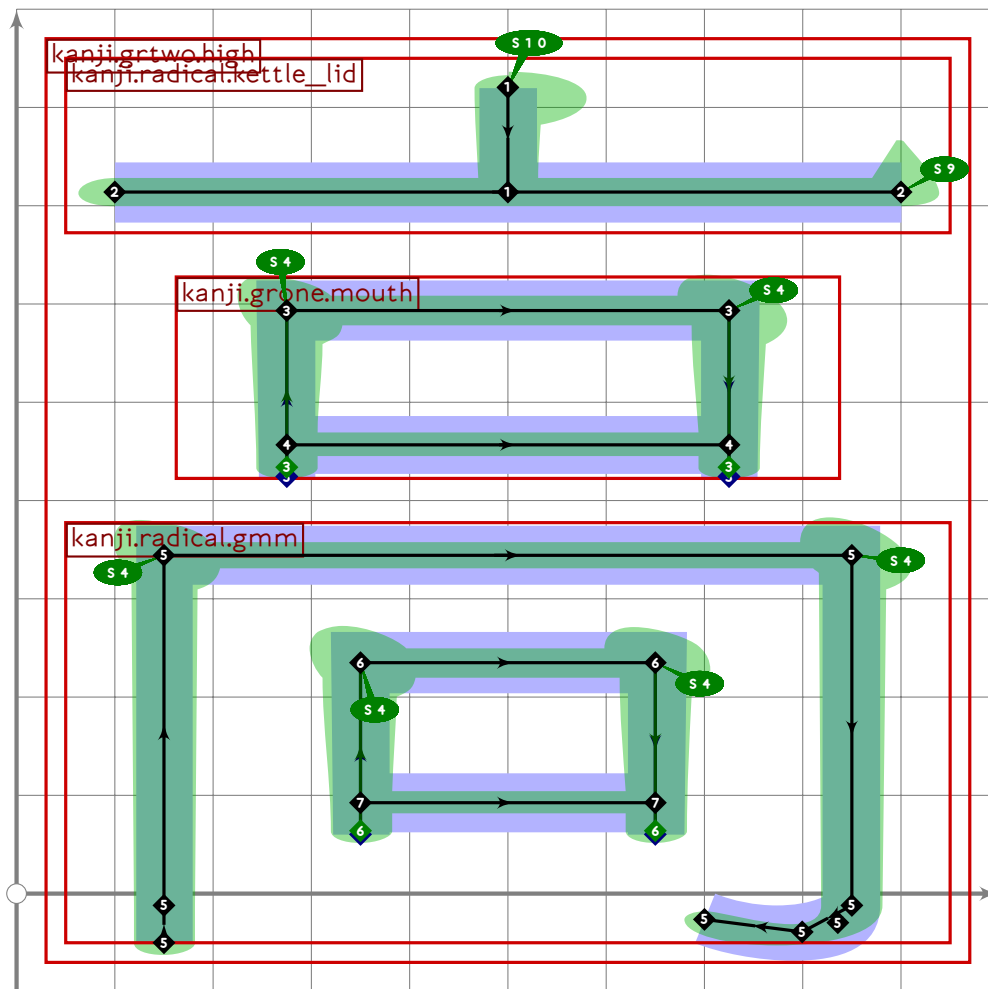
TWO



```

526
527 vardef kanji.grtwo.heart =
528   push_pbox__toexpand("kanji.grtwo.heart");
529   tsu_xform(identity shifted (-100,0))
530   (push_stroke((450,600),(1.6,1.6));
531     build_kanji.add_ltail(0));
532   set_boserif(0,0,10);
533   push_stroke((180,480)..tension 1.2..(130,280)..(60,150),
534     (1,1)-(14,14)-(1.7,1.7));
535   push_stroke((370,800)..tension 1.2..(540,690)..(650,580),
536     (1,1)-(14,14)-(1.7,1.7));
537   push_stroke((660,450)..tension 1.2..(860,270)..(930,170),
538     (1,1)-(1.5,1.5)-(1.8,1.8));
539   expand_pbox;
540 enddef;

```



TWO

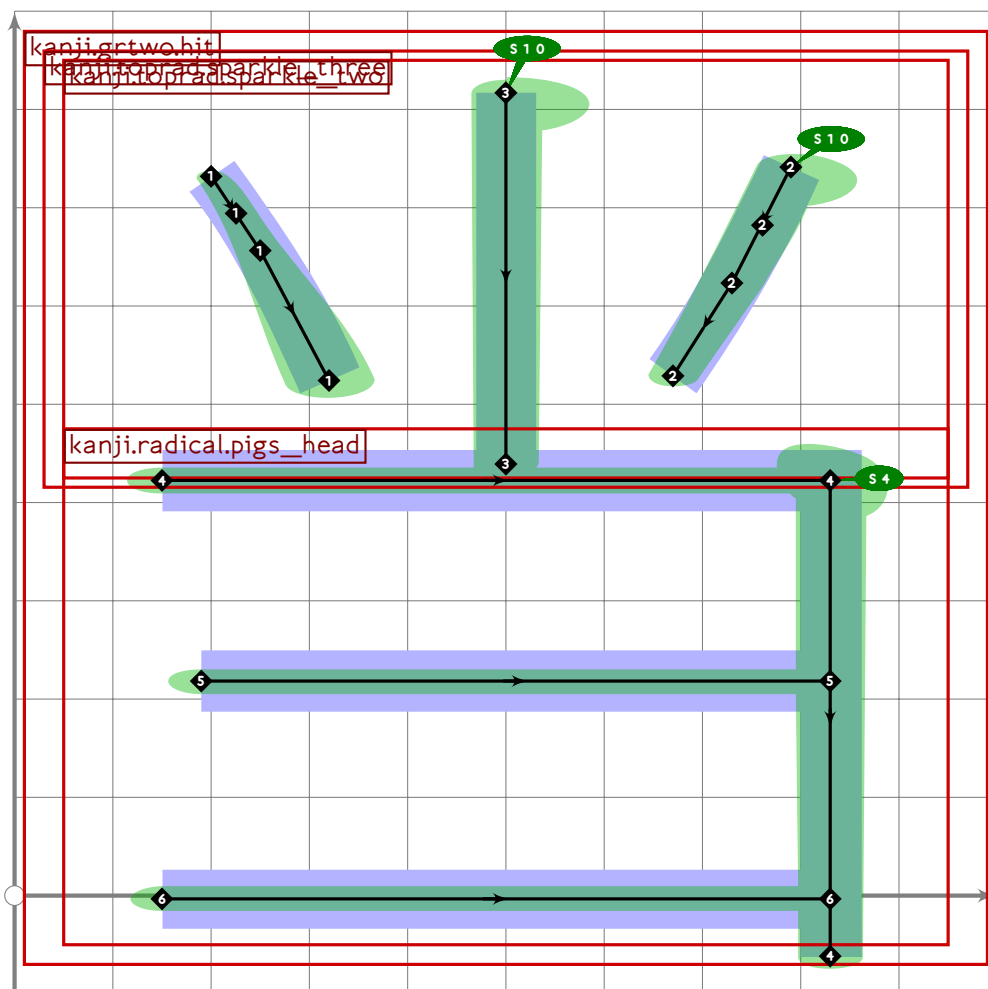
```

541
542 vardef kanji.grtwo.high =
543   push_pbox_toexpand("kanji.grtwo.high");
544   build_kanji.level(build_kanji.tcb(650,-45)(400,-45)
545     (kanji.radical.kettle_lid)
546     (build_kanji.sscale(xscaled 0.75)(kanji.grone.mouth))
547     (kanji.radical.gmm;
548       build_kanji.box((350,550),(650,250)))));
549   expand_pbox;
550 enddef;

```

U+5F53
tsuku.uni5F53

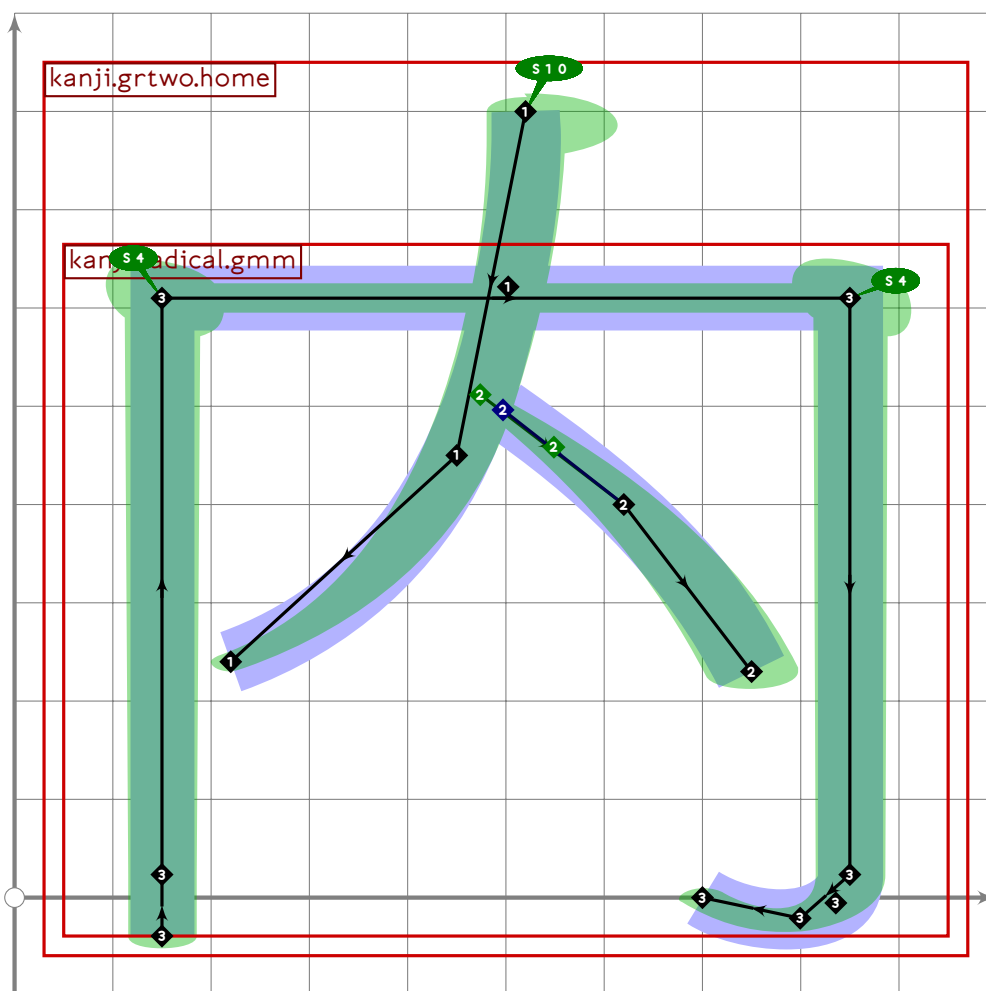
TWO



```

551
552 vardef kanji.grtwo.hit =
553   push_pbox_toexpand("kanji.grtwo.hit");
554   build_kanji.level(build_kanji.tb(450,50)
555     (kanji.toprad.sparkle_three)
556     (kanji.radical.pigs_head));
557   expand_pbox;
558 enddef;

```



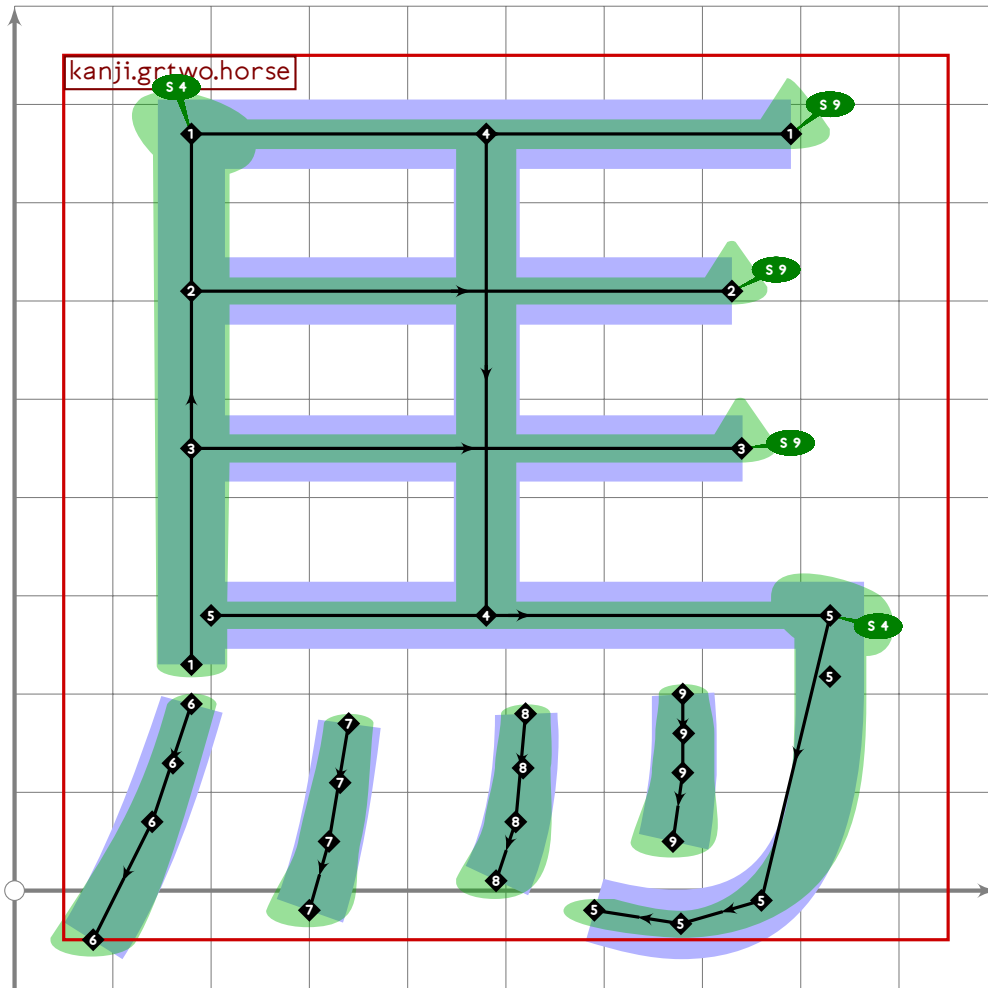
TWO

```

559
560 vardef kanji.grtwo.home =
561   push_pbox__toexpand("kanji.grtwo.home");
562   push_stroke((520,800)..tension 1.2..(450,450)..(220,240),
563     (1.6,1.6)–(1.5,1.5)–(1.1,1.1));
564   set_boserif(0,0,10);
565   push_stroke(
566     (point 0.8 of get_strokep(0))..tension 1.2..(620,400)..(750,230),
567     (0.9,0.9)–(1.5,1.5)–(1.8,1.8));
568   tsu_xform(identity yscaled (610/780))(kanji.radical.gmm);
569   expand_pbox;
570 enddef;

```

TWO



```

571
572 vardef kanji.grtwo.horse =
573   push_pbox_toexpand("kanji.grtwo.horse");
574   push_stroke((180,230)–(180,770)–(790,770),
575     (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
576   set_boserif(0,14);
577   set_boserif(0,29);
578   set_botip(0,1);
579   push_stroke((180,610)–(730,610),
580     (1.5,1.5)–(1.5,1.5));
581   set_boserif(0,19);
582   push_stroke((180,450)–(740,450),
583     (1.5,1.5)–(1.5,1.5));
584   set_boserif(0,19);
585   push_stroke((480,770)–(480,280),(14,14)–(1.3,1.3));
586   push_stroke((200,280)–(830,280){dir 268}..(760,10)..{curl 0.2}(590,20),
587     (1.5,1.5)–(1.5,1.5)–(1.5,1.5)–(1.5,1.5)–(14,14)–(1.2,1.2));
588   replace_stroke(0)(insert_nodes(oldp)((length oldp)–0.5));
589   set_boserif(0,14);
590   set_botip(0,1);
591   push_stroke((180,190)..tension 1.2..(140,70)..(80,50),

```

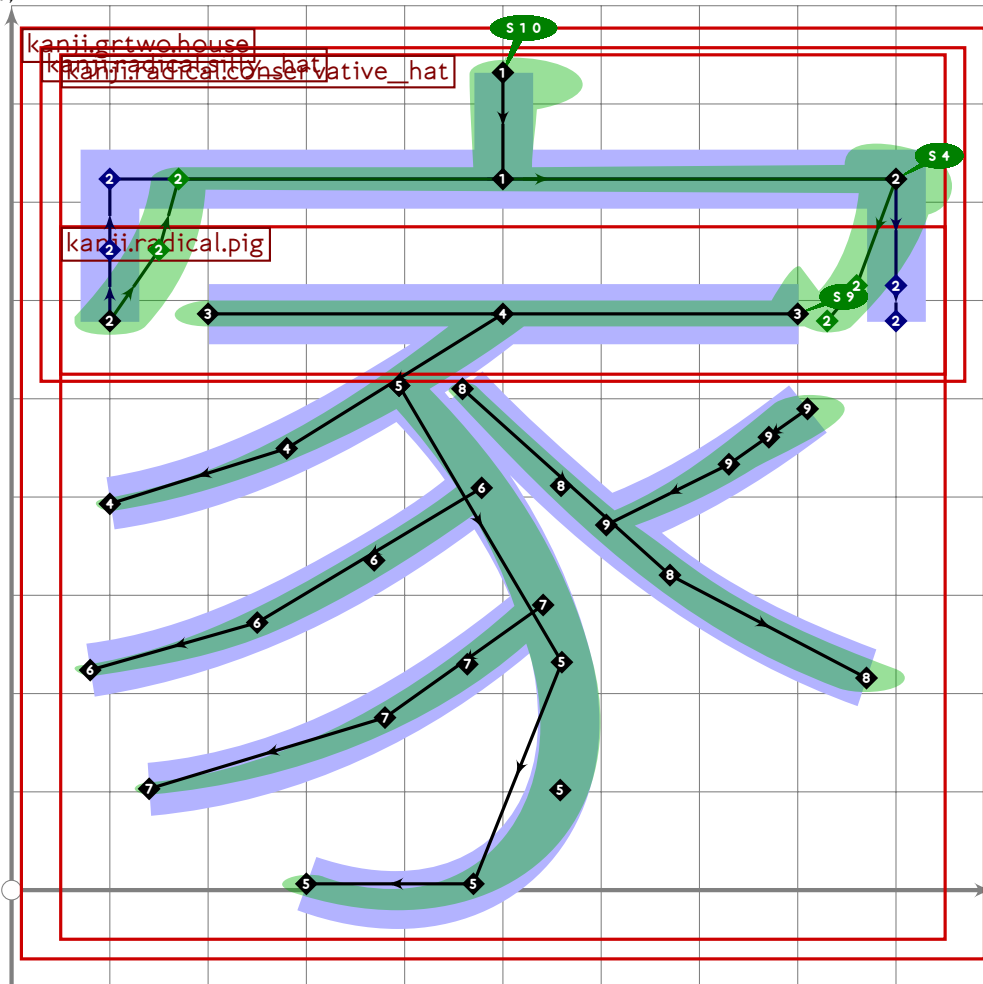


```

592 (1.2,1.2)-(14,14)-(17,17));
593 push_stroke((340,170)..tension 1.2..(320,50)..(300,20),
594 (1.2,1.2)-(14,14)-(17,17));
595 push_stroke((520,180)..tension 1.2..(510,70)..(490,10),
596 (1.2,1.2)-(14,14)-(17,17));
597 push_stroke((680,200)..tension 1.2..(680,120)..(670,50),
598 (1.2,1.2)-(14,14)-(17,17));
599 expand_pbox;
600 enddef;

```

TWO

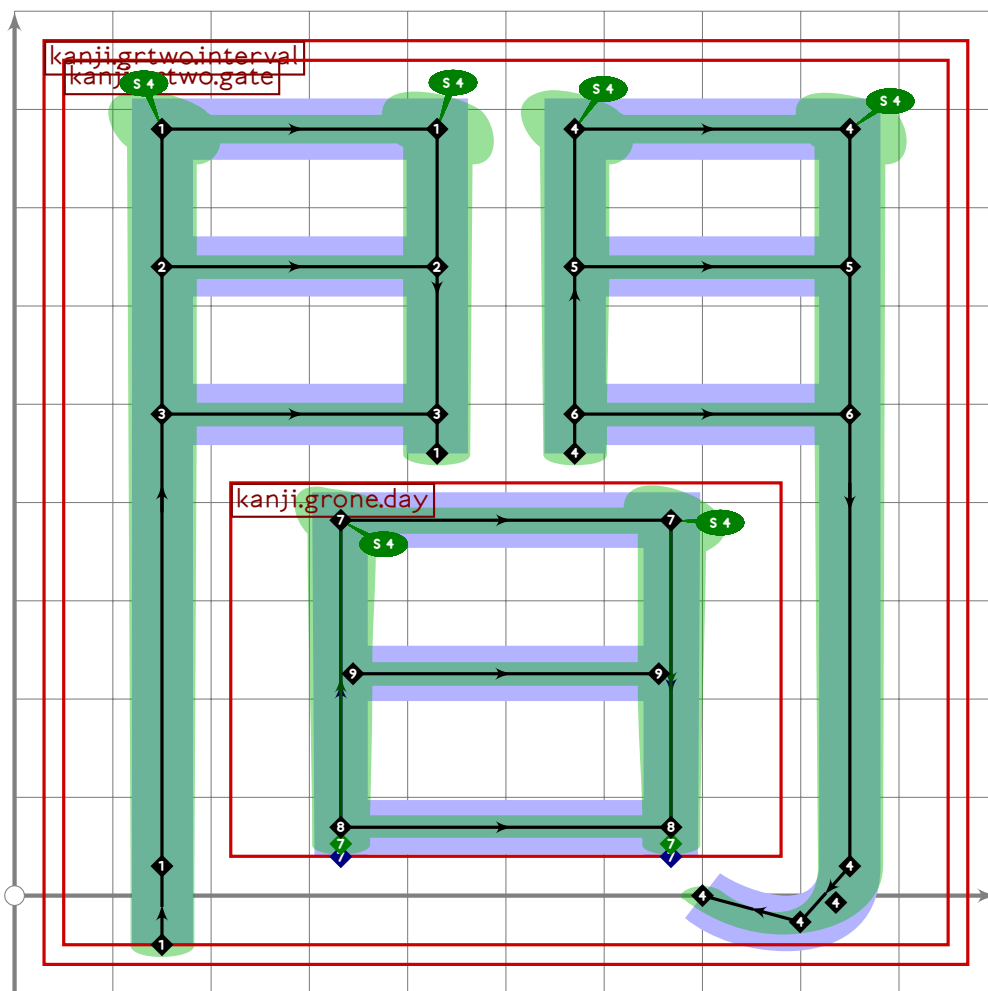


```

601
602 vardef kanji.grtwo.house =
603   push_pbox_toexpand("kanji.grtwo.house");
604   build_kanji.level(build_kanji.tb(600,150)
605     (kanji.radical.silly_hat)
606     (kanji.radical.pig));
607   expand_pbox;
608 enddef;

```

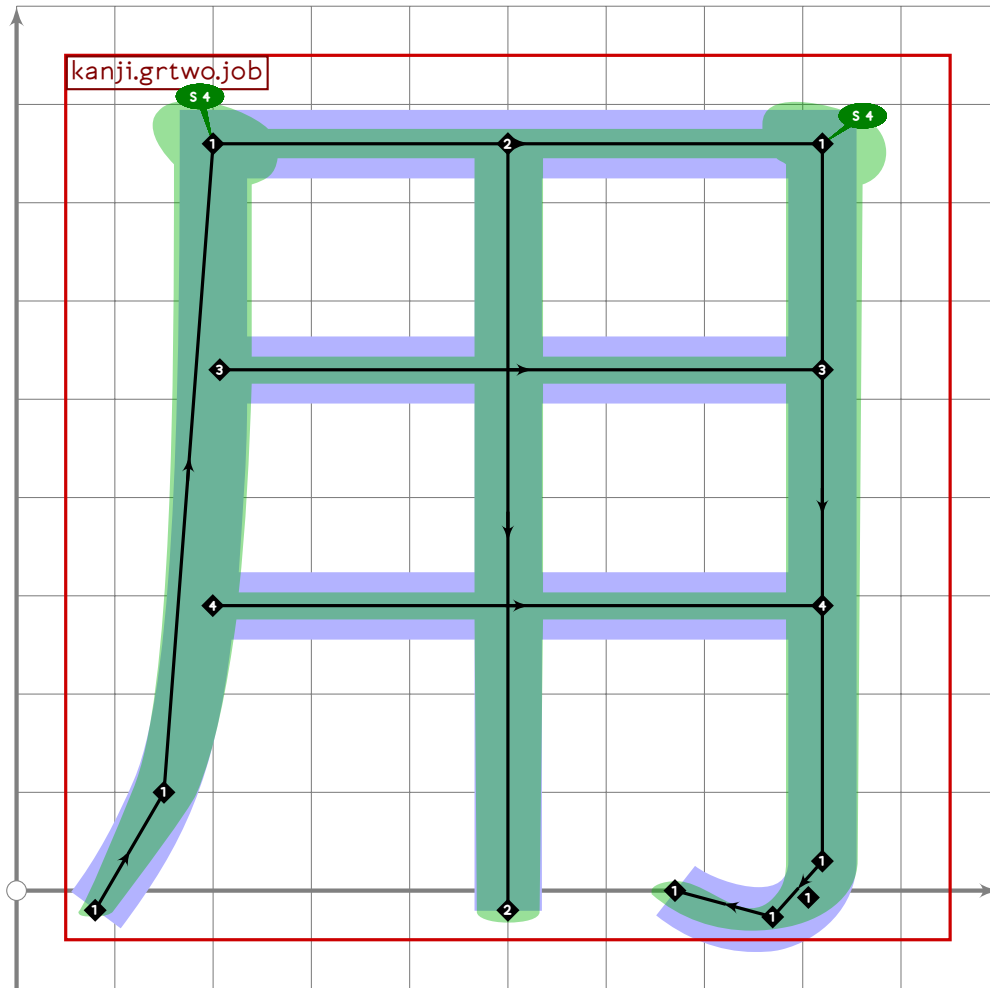
TWO



```

609
610 vardef kanji.grtwo.interval =
611   push_pbox_toexpand("kanji.grtwo.interval");
612   build_kanji.gate_enclose(kanji.grone.day);
613   expand_pbox;
614 enddef;

```



TWO

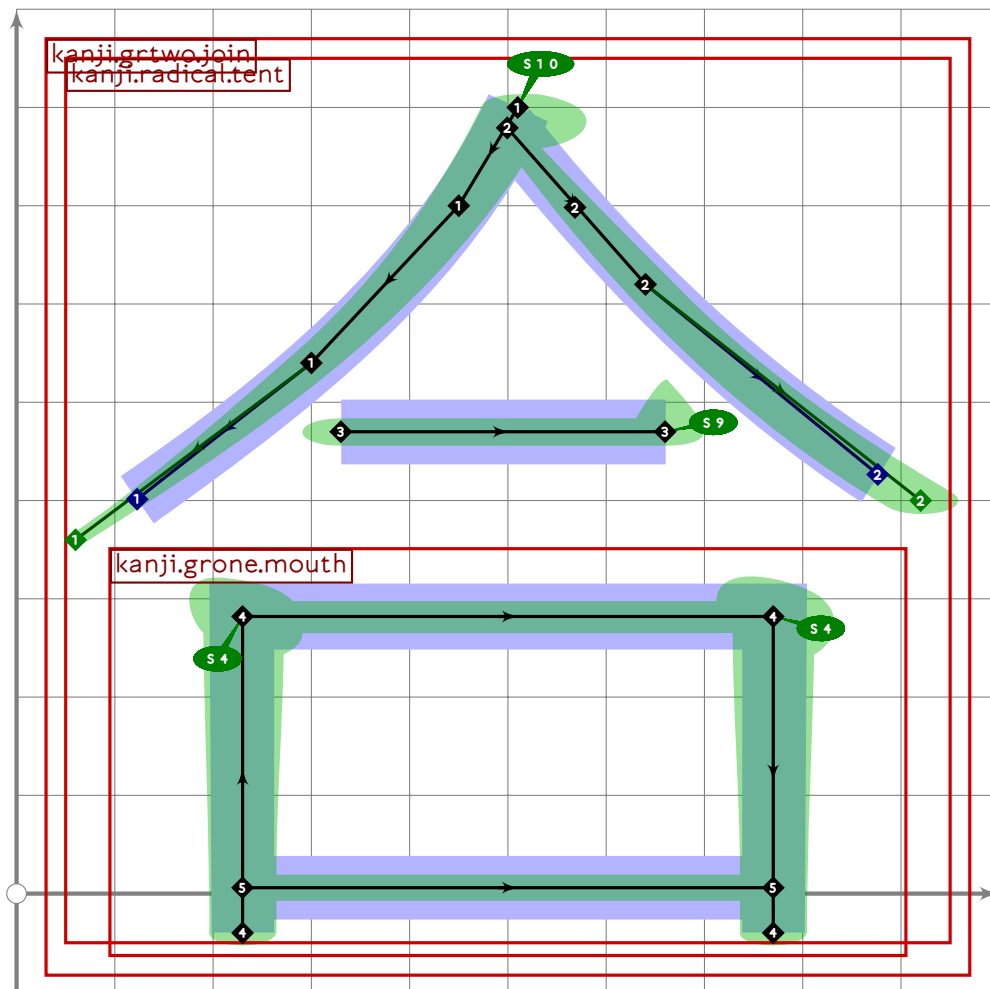
```

615
616 vardef kanji.grtwo.job =
617   push_pbox_toexpand("kanji.grtwo.job");
618   push_stroke((80,20)..(150,100)..{up}(200,760){right}-(820,760),
619     (1,1)-(14,14)-(1.6,1.6)-(1.6,1.6));
620   build_kanji.add_jtail(0);
621   set_botip(0,2,0.8);
622   set_botip(0,3,1);
623   set_boserif(0,2,4);
624   set_boserif(0,3,4);
625   push_stroke((500,760)-(500,-20),(1.5,1.5)-(14,14));
626   push_stroke(
627     (get_stroke(-1) intersectionpoint ((0,530)-(1000,530)))-(820,530),
628     (1.5,1.5)-(1.5,1.5));
629   push_stroke(
630     (get_stroke(-2) intersectionpoint ((0,290)-(1000,290)))-(820,290),
631     (1.5,1.5)-(1.5,1.5));
632   expand_pbox;
633 enddef;

```

U+5408
tsuku.uni5408

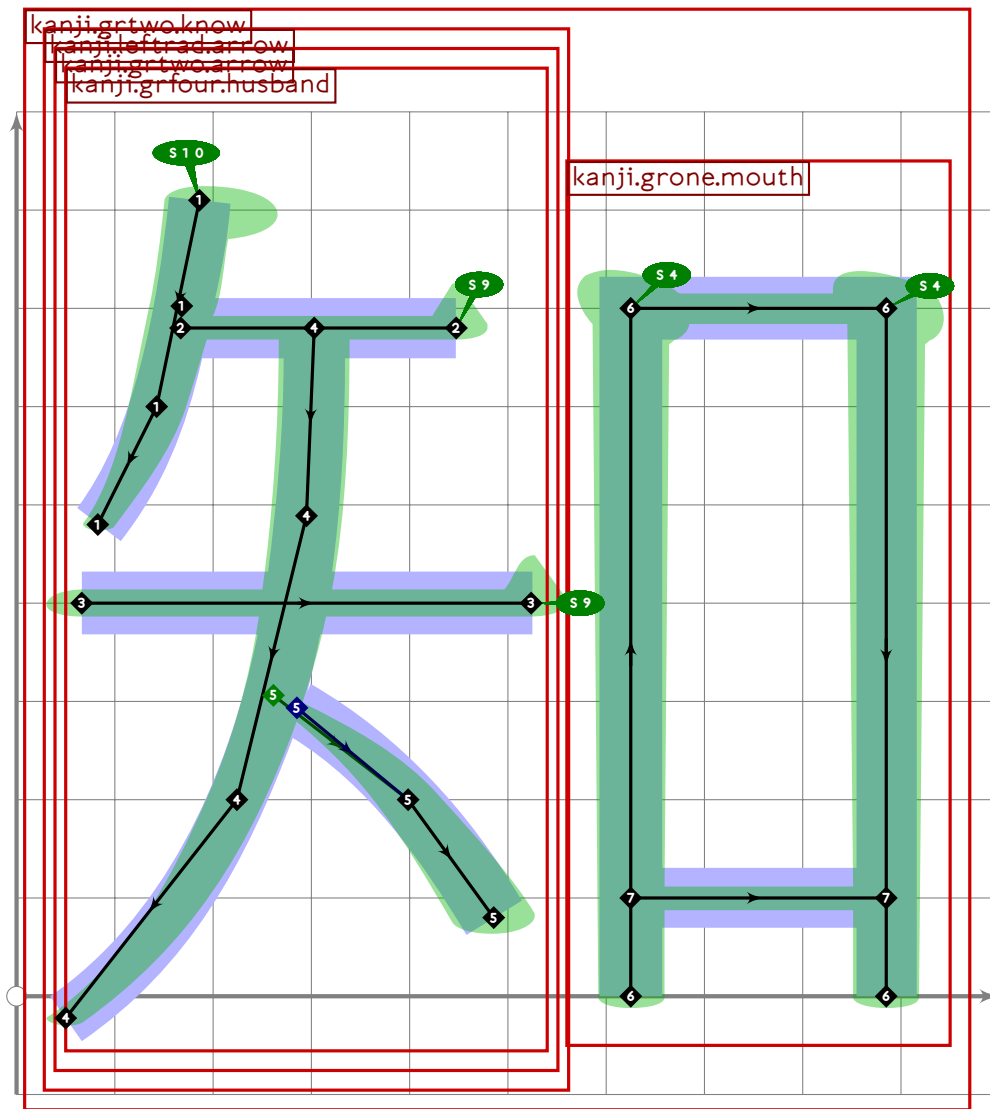
TWO



```

634
635 vardef kanji.grtwo.join =
636   push_pbox__toexpand("kanji.grtwo.join");
637   build_kanji.level(
638     kanji.radical.tent;
639     tsu_xform
640       (identity shifted (-500,0) xyscaled (0,0,46) shifted (500,-40))
641       (kanji.grone.mouth);
642   );
643   expand_pbox;
644 enddef;

```



TWO

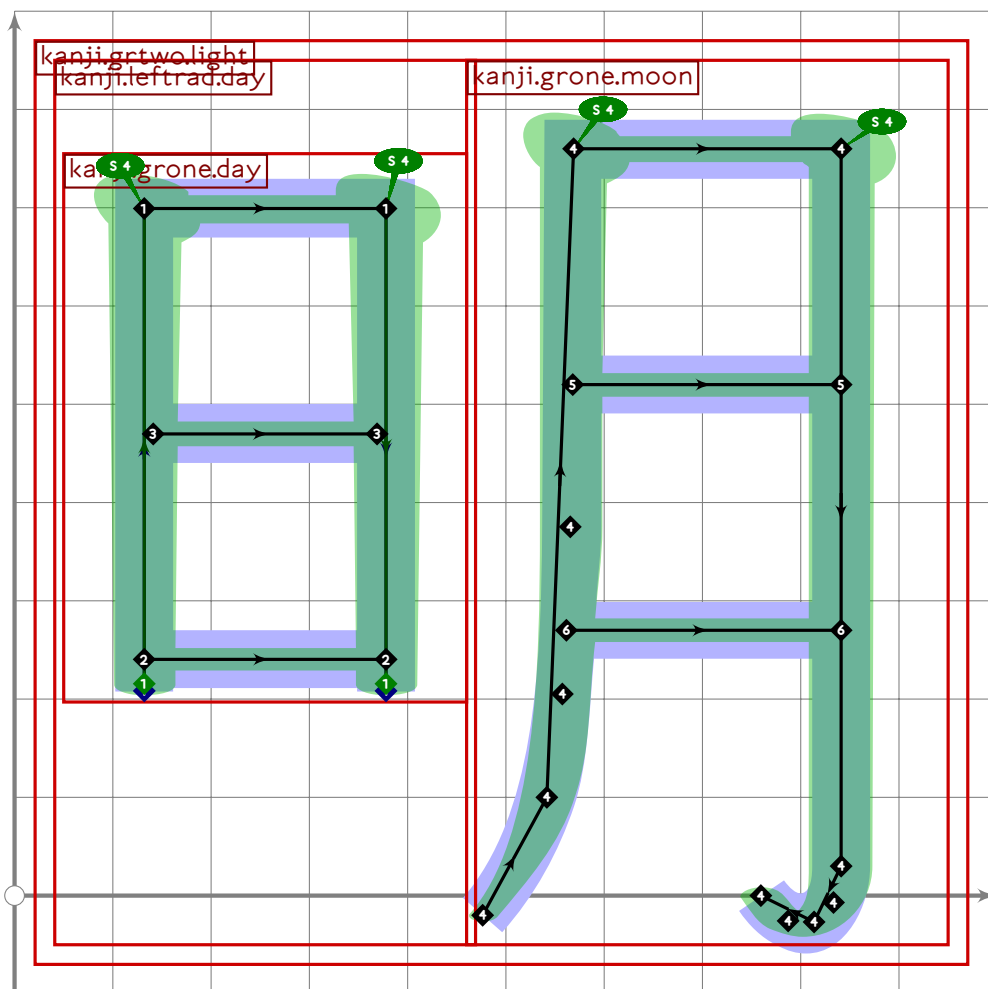
```

645
646 vardef kanji.grtwo.know =
647   push_pbox_toexpand("kanji.grtwo.know");
648   build_kanji.level(build_kanji.lr(550;20)
649     (kanji.leftrad.arrow
650     (kanji.grone.mouth));
651   expand_pbox;
652 enddef;

```

U+660E
tsuku.uni660E

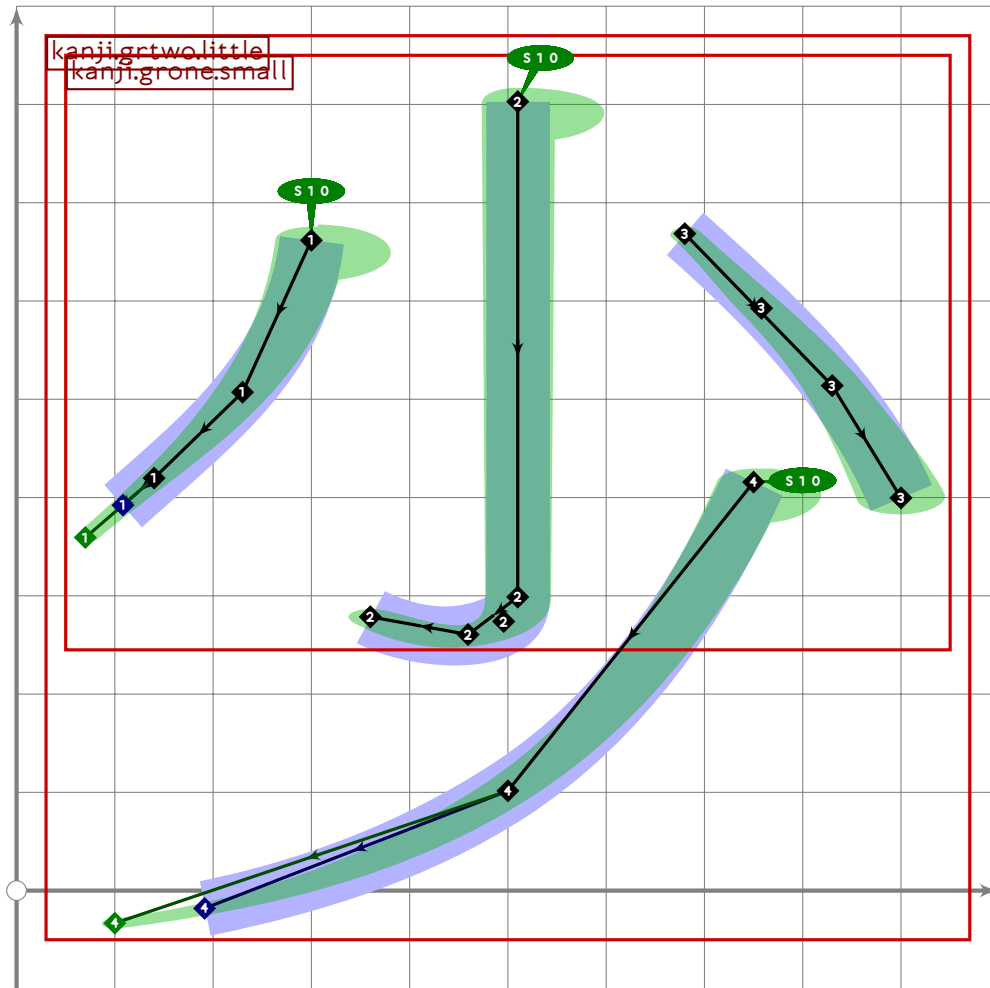
TWO



```

653
654 vardef kanji.grtwo.light =
655   push_pbox_toexpand("kanji.grtwo.light");
656   build_kanji.level(build_kanji.lr(460,0)
657     (kanji.leftrad.day)
658     (kanji.grone.moon));
659   expand_pbox;
660 enddef;

```



TWO

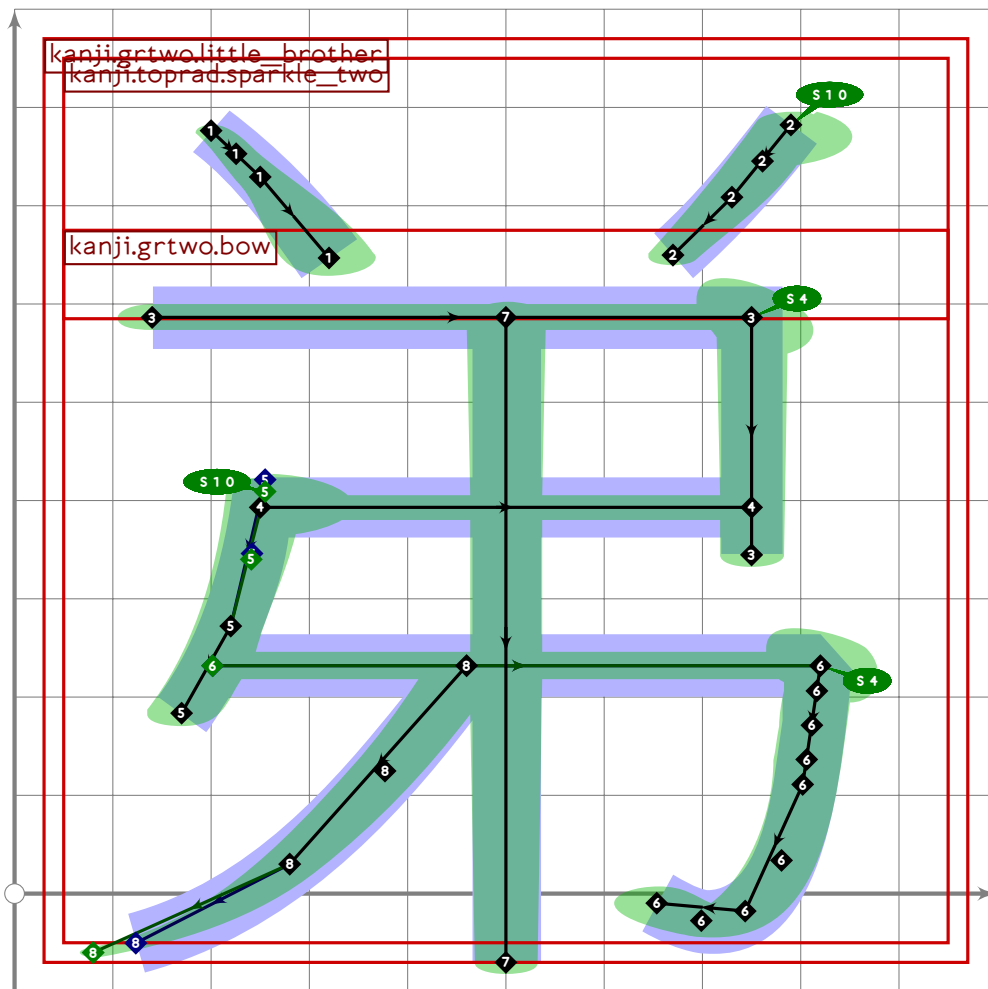
```

661
662 vardef kanji.grtwo.little =
663   push_pbox__toexpand("kanji.grtwo.little");
664   build_kanji.level(build_kanji.tb(350,210)
665     (kanji.grone.small)
666     (
667       push_stroke((750,780){curl 0.1}..(500,220)..(100,-20),
668         (1.6,1.6)-(1.4,1.4)-(0.9,0.9));
669       set_boserif(0,0,10);
670     ));
671   expand_pbox;
672 enddef;

```

U+5F1F
tsuku.uni5F1F

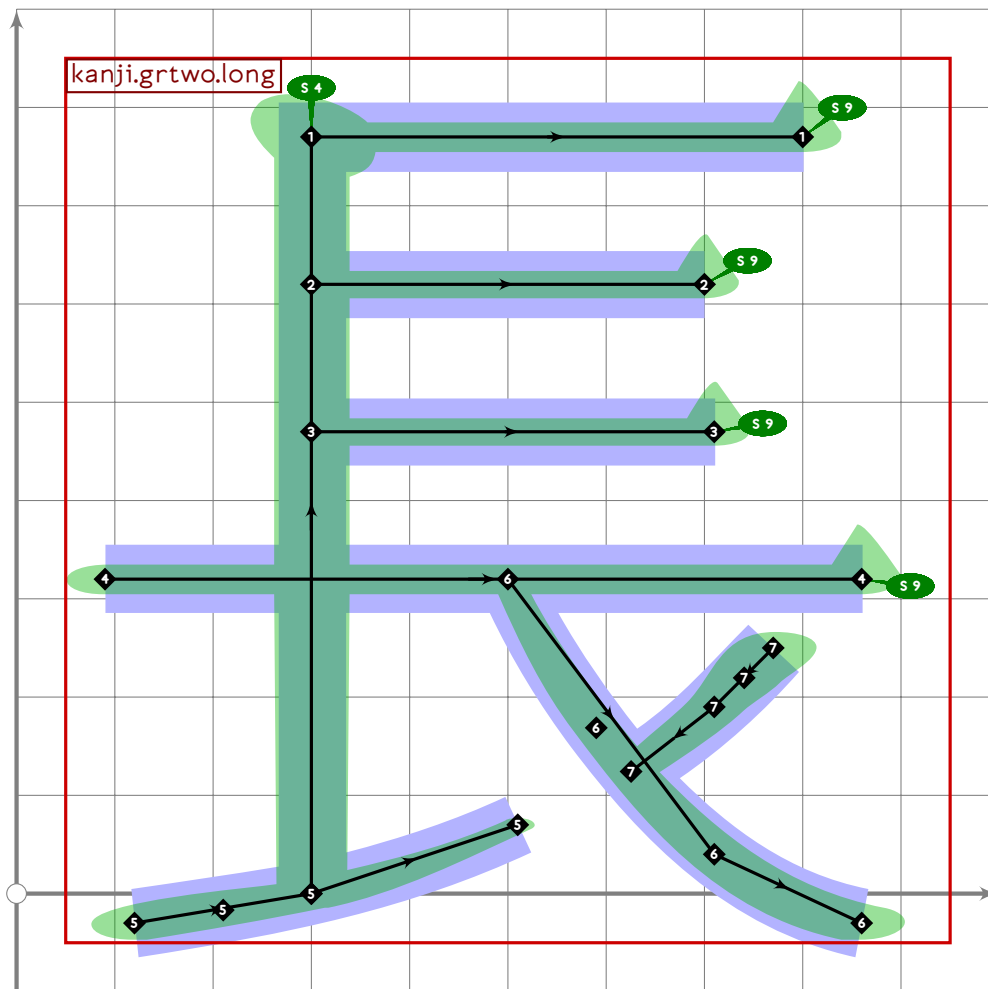
TWO



```

673
674 vardef kanji.grtwo.little_brother =
675   push_pbox_toexpand("kanji.grtwo.little_brother");
676   build_kanji.level(build_kanji.tb(630,90)
677     (kanji.toprad.sparkle_two)
678     (kanji.grtwo.bow));
679   replace_strokep(0)((point 0 of oldp)-
680     ((subpath (1,infinity) of oldp)
681       shifted (-820,0) xscaled 0.45 shifted (820,0)));
682   push_stroke((500,y part point 0 of get_strokep(-3))-(500,70),
683     (1.6,1.6)-(14,14));
684   push_stroke(
685     ((get_strokep(0) intersectionpoint get_strokep(-1))+(-40,0))..
686     tension 1.2..(280,30)..(80,-60),
687     (1.6,1.6)-(14,14)-(0,9));
688   expand_pbox;
689 enddef;

```

TWO

```

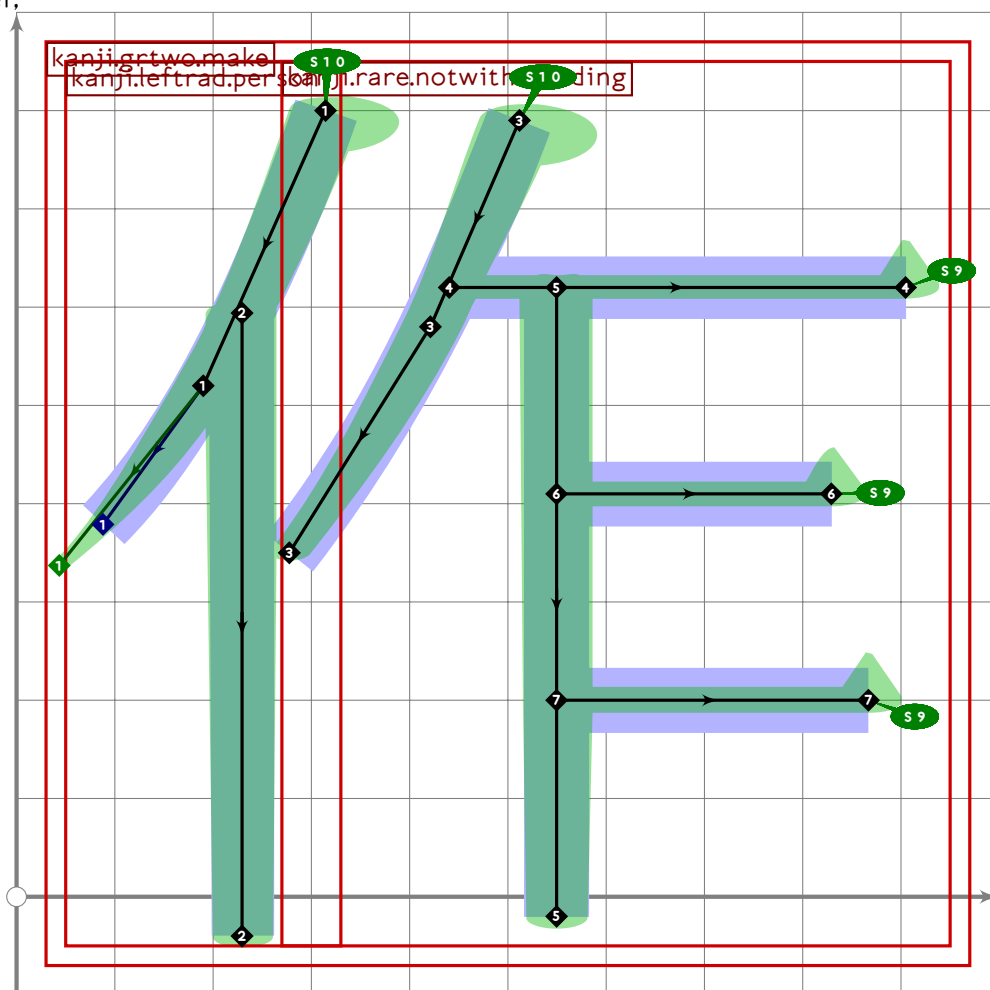
690
691 vardef kanji.grtwo.long =
692   push_pbox_toexpand("kanji.grtwo.long");
693   push_stroke((300,0)–(300,770)–(800,770),
694     (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
695   set_boserif(0,14);
696   set_boserif(0,29);
697   set_botip(0,1);
698   push_stroke((300,620)–(700,620),(1.5,1.5)–(1.5,1.5));
699   set_boserif(0,19);
700   push_stroke((300,470)–(710,470),(1.5,1.5)–(1.5,1.5));
701   set_boserif(0,19);
702   push_stroke((90,320)–(860,320),(1.6,1.6)–(1.6,1.6));
703   set_boserif(0,19);
704   push_stroke((120,30)..tension 1.2..(300,0)..(510,70),
705     (1.7,1.7)–(1.5,1.5)–(1,1));
706   push_stroke((500,320)..tension 1.2..(710,40)..(860,30),
707     (1,1)–(1.4,1.4)–(1.7,1.7));
708   push_stroke((770,250)..tension 1.2..(710,190)..
709     (point 0.65 of get_stroke(0)),
710     (1.7,1.7)–(1.4,1.4)–(1.2,1.2));

```

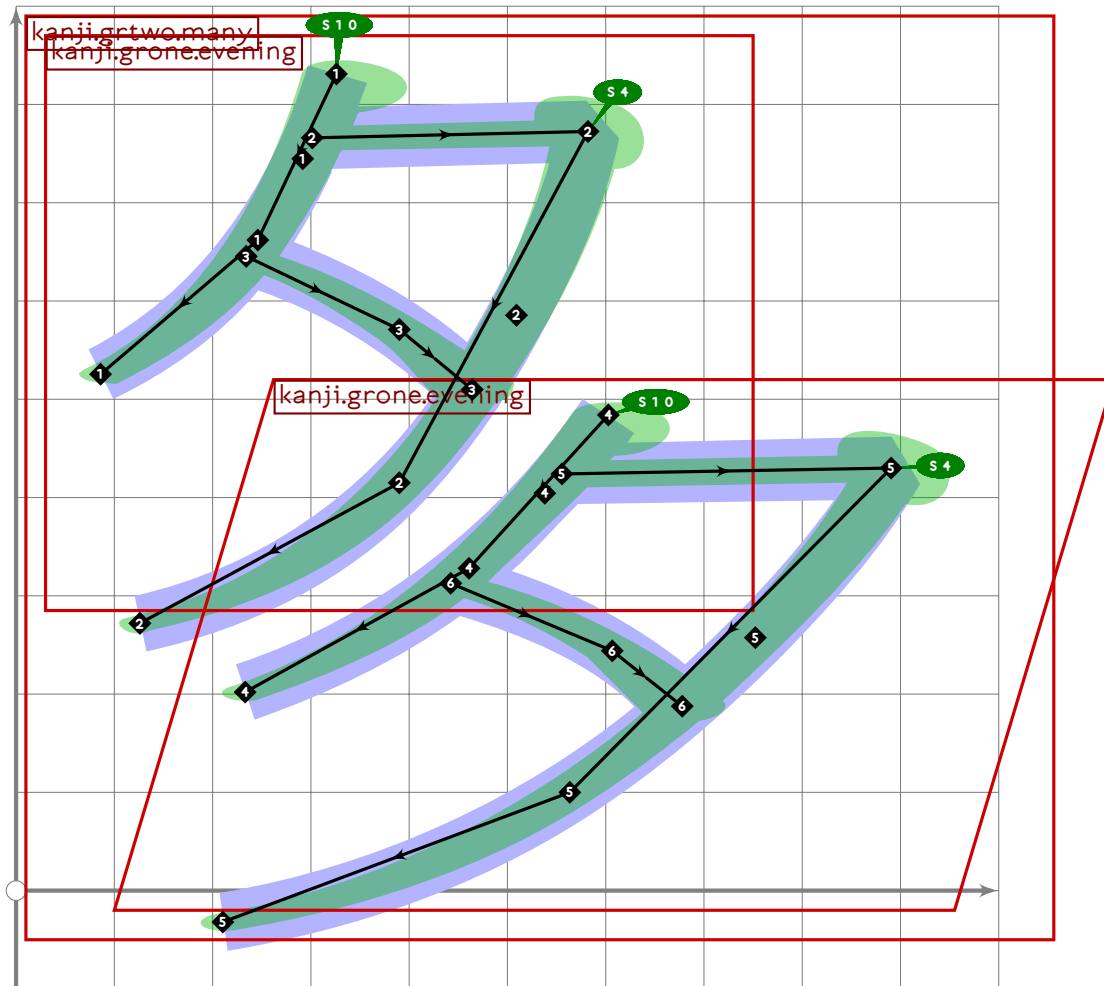
U+4F5C
tsuku.uni4F5C

```
711 expand_pbox;
712 enddef;
```

TWO



```
713
714 vardef kanji.grtwo.make =
715   push_pbox_toexpand("kanji.grtwo.make");
716   build_kanji.lr(300,60)
717     (kanji.leftrad.person)
718     (kanji.rare.notwithstanding);
719   expand_pbox;
720 enddef;
```



TWO

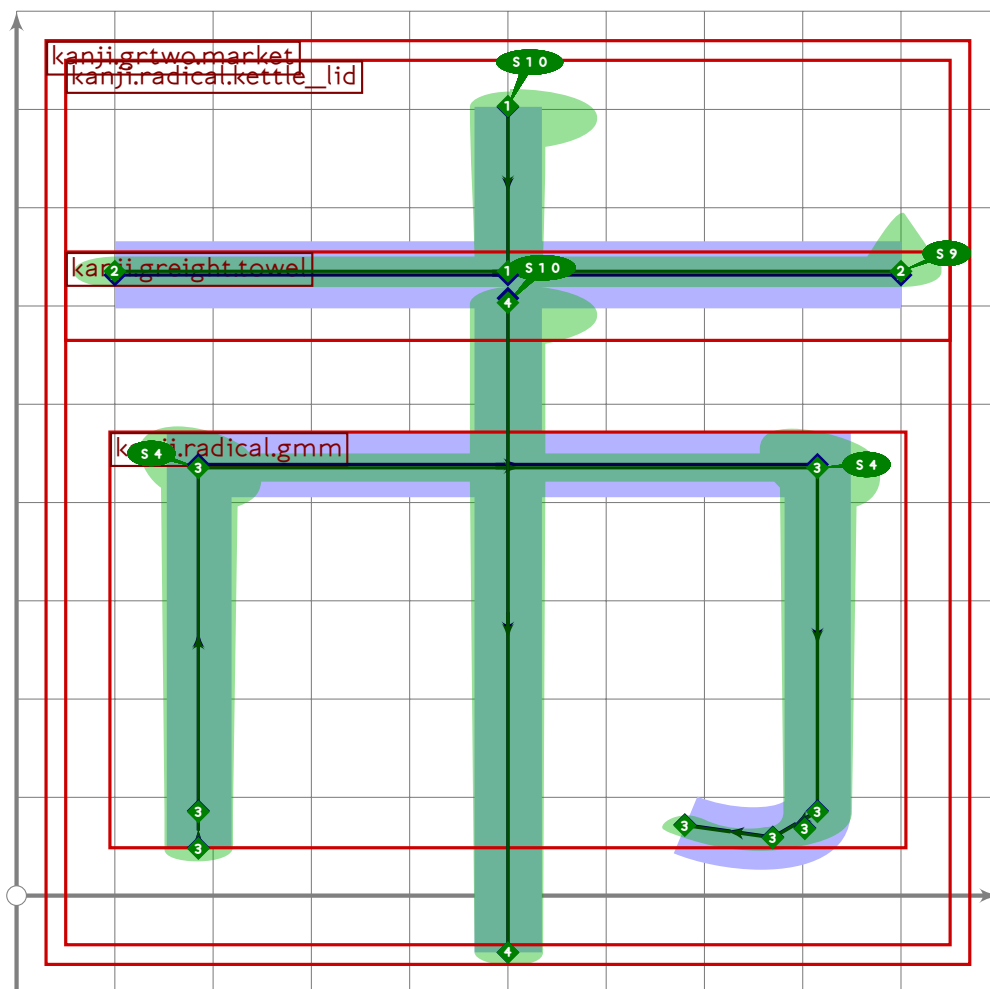
```

721
722 vardef kanji.grtwo.many =
723   push_pbox_toexpand("kanji.grtwo.many");
724   perl_structure:=perl_structure&"eids.u2FF1._1.1.";
725   tsu_xform(identity shifted (-50;850) xyscaled (0.8,0.65) shifted (30,870))
726     (kanji.grone.evening);
727   tsu_xform(identity shifted (-50,50)
728     xyscaled (0.95,0.6) slanted 0.3 shifted (100;-20))
729     (kanji.grone.evening);
730   expand_pbox;
731 enddef;

```

U+5E02
tsuku.uni5E02

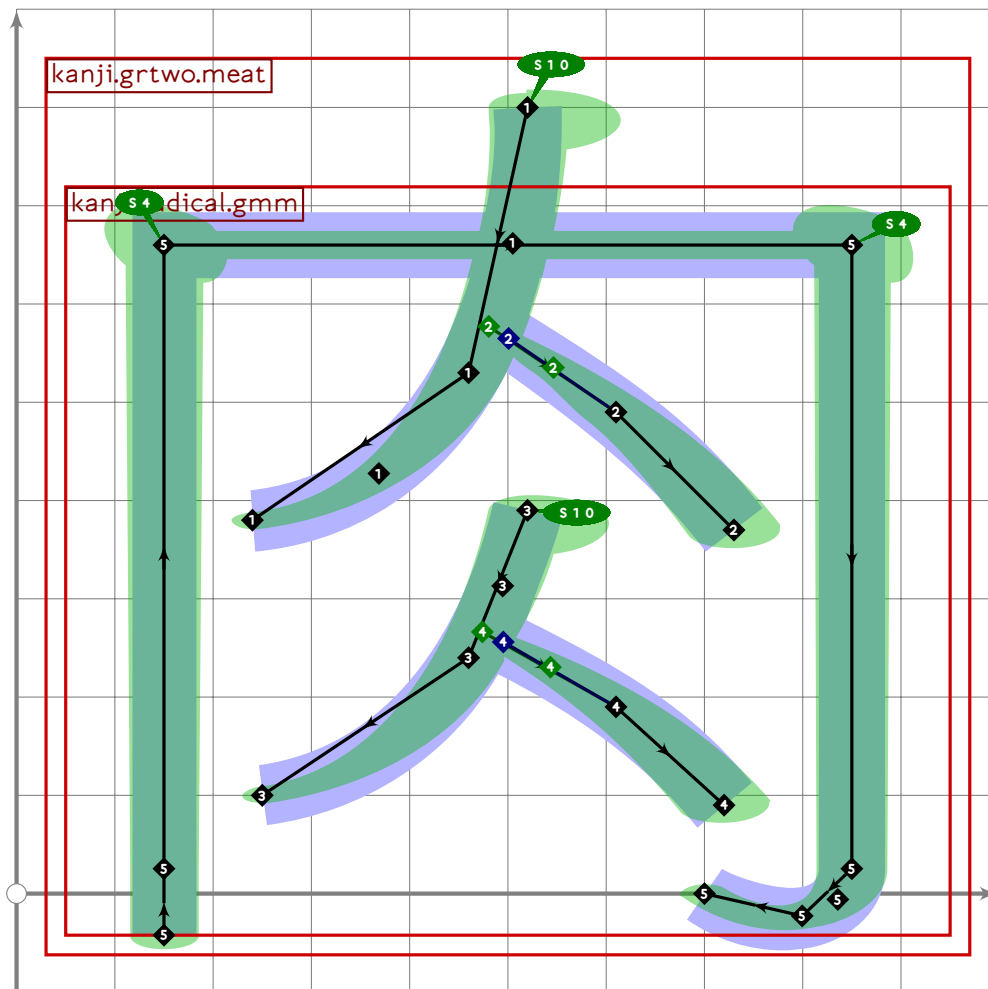
TWO



```

732
733 vardef kanji.grtwo.market =
734   push_pbox_toexpand("kanji.grtwo.market");
735   build_kanji.level(build_kanji.tb(610,90-10*mincho)
736     (kanji.radical.kettle_lid)
737     (kanji.greight.towel));
738   expand_pbox;
739 enddef;

```



TWO

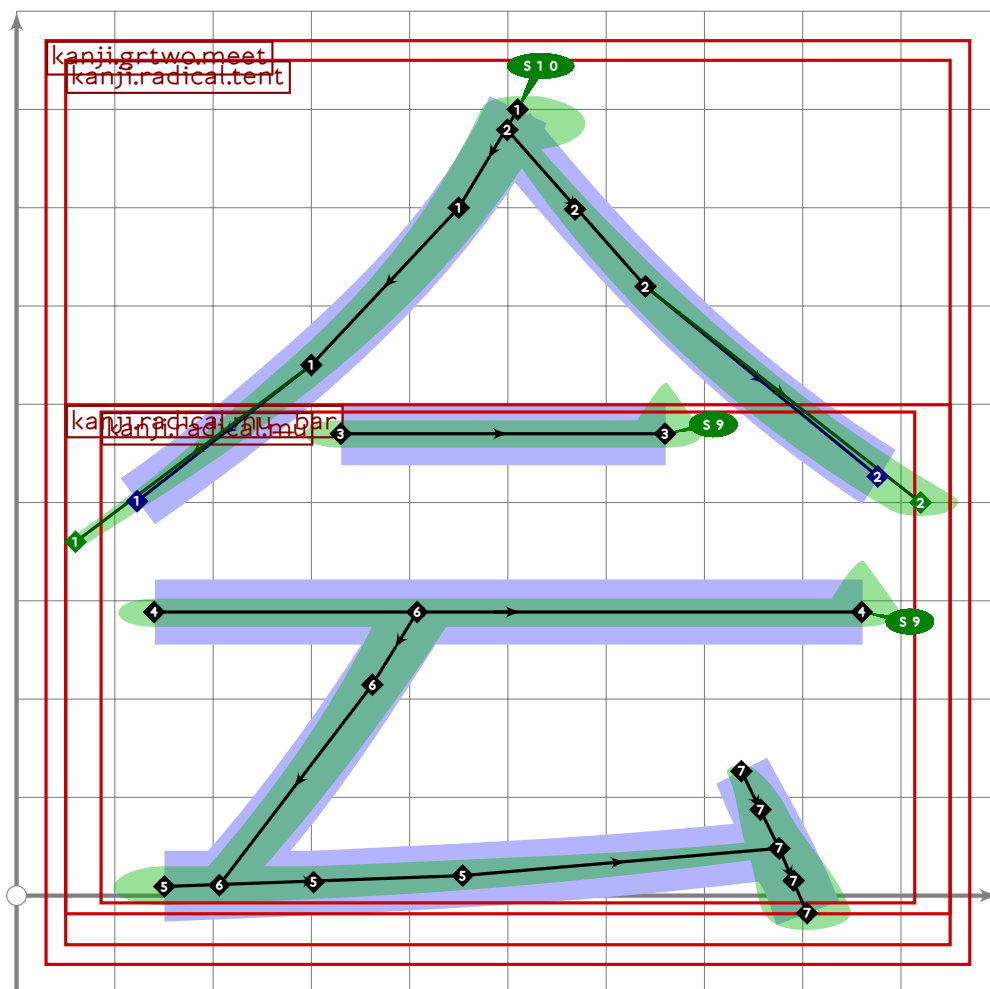
```

740
741 vardef kanji.grtwo.meat =
742   push_pbox_toexpand("kanji.grtwo.meat");
743   push_stroke((520,800)..tension 1.2..(460,530)..(240,380),
744     (1.6,1.6)–(1.5,1.5)–(1.1,1.1));
745   set_boserif(0,0,10);
746   push_stroke(
747     (point 0.8 of get_stroke(0))..tension 1.2..(610,490)..(730,370),
748     (0.9,0.9)–(1.5,1.5)–(1.8,1.8));
749   push_stroke((520,390)..tension 1.2..(460,240)..(250,100),
750     (1.6,1.6)–(1.5,1.5)–(1.1,1.1));
751   set_boserif(0,0,10);
752   push_stroke(
753     (point 0.8 of get_stroke(0))..tension 1.2..(610,190)..(720,90),
754     (0.9,0.9)–(1.5,1.5)–(1.8,1.8));
755   tsu_xform(identity yscaled (660/780))(kanji.radical.gmm);
756   expand_pbox;
757 enddef;

```

U+4F1A
tsuku.uni4F1A

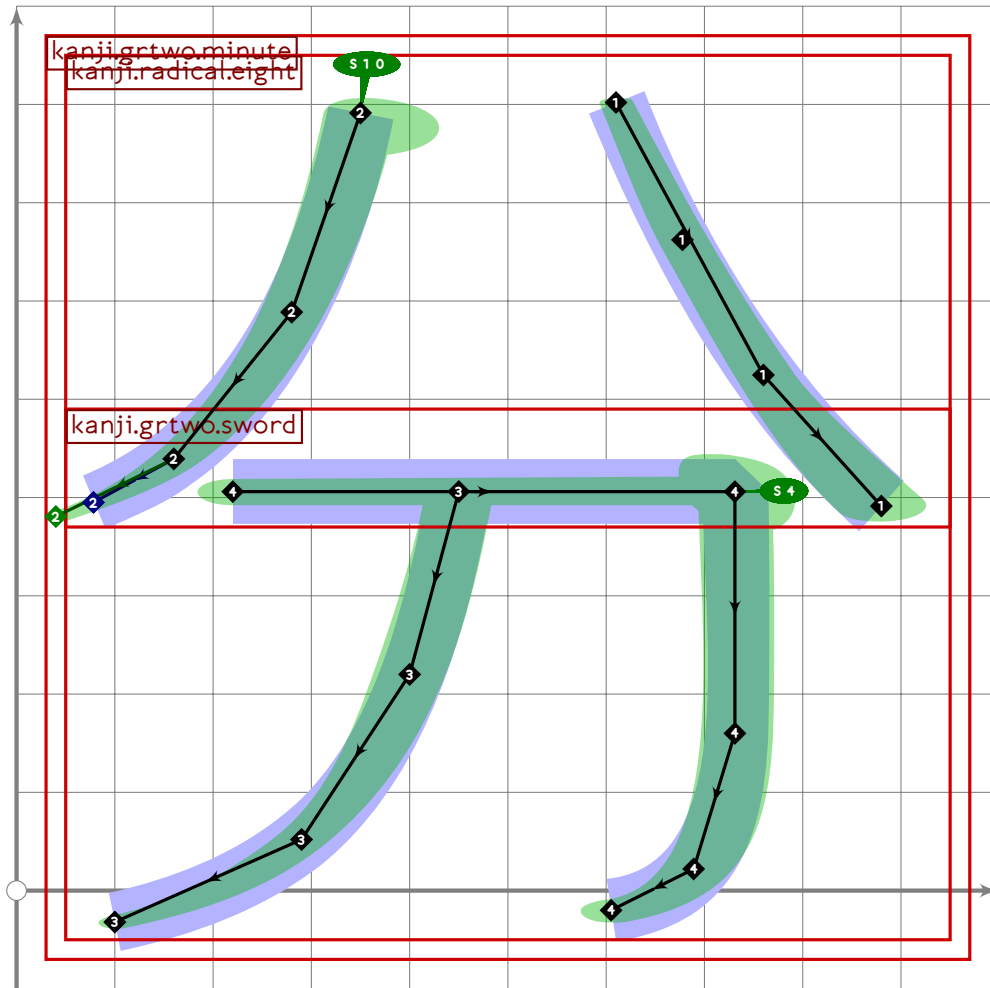
TWO



```

758
759 vardef kanji.grtwo.meet =
760   push_pbox__toexpand("kanji.grtwo.meet");
761   build_kanji.level(
762     kanji.radical.tent;
763     tsu_xform(identity yscaled 0.37)(kanji.radical.mu_bar);
764   );
765   expand_pbox;
766 enddef;

```



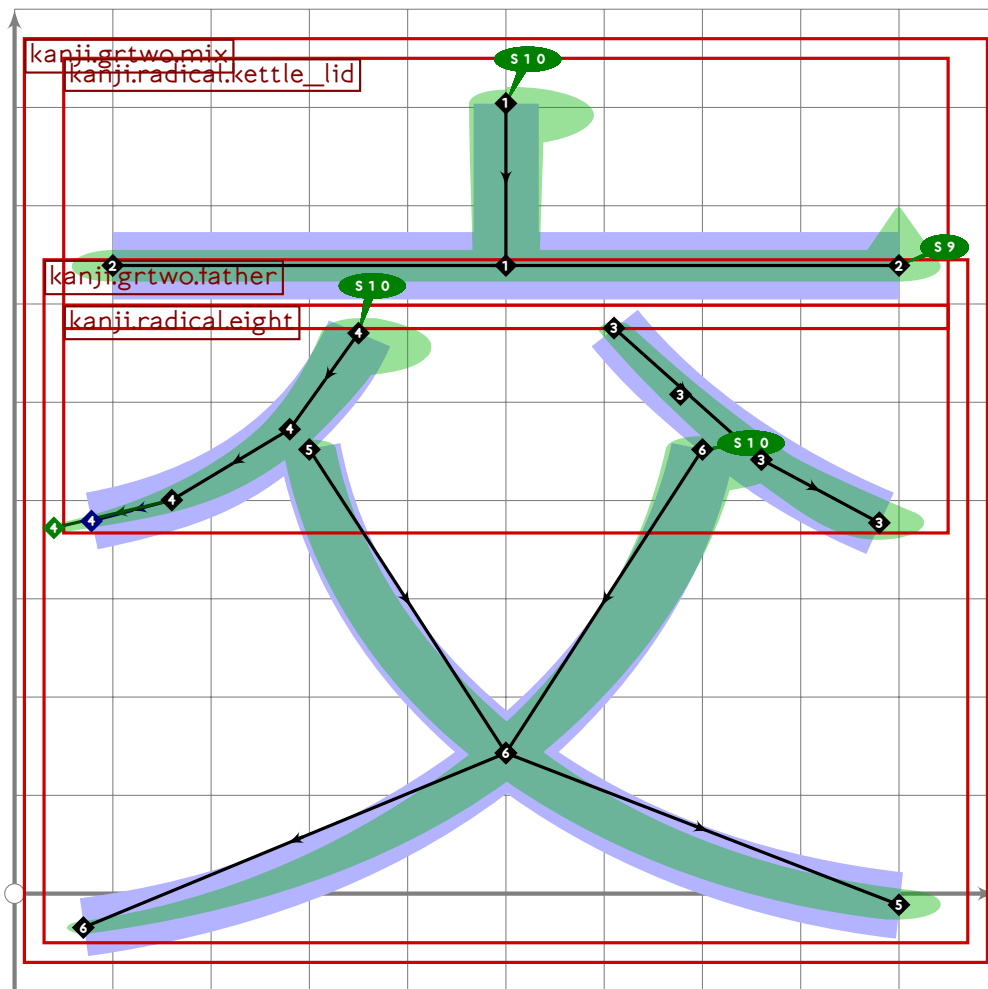
```

767
768 vardef kanji.grtwo.minute =
769   push_pbox__toexpand("kanji.grtwo.minute");
770   build_kanji.level(build_kanji.tb(430,120)
771     (kanji.radical.eight)
772     (kanji.grtwo.sword;
773       replace_strokep(0)(oldp shifted (-500,0) xscaled 0.7 shifted (500,0))));
774   expand_pbox;
775 enddef;

```

U+4EA4
tsuku.uni4EA4

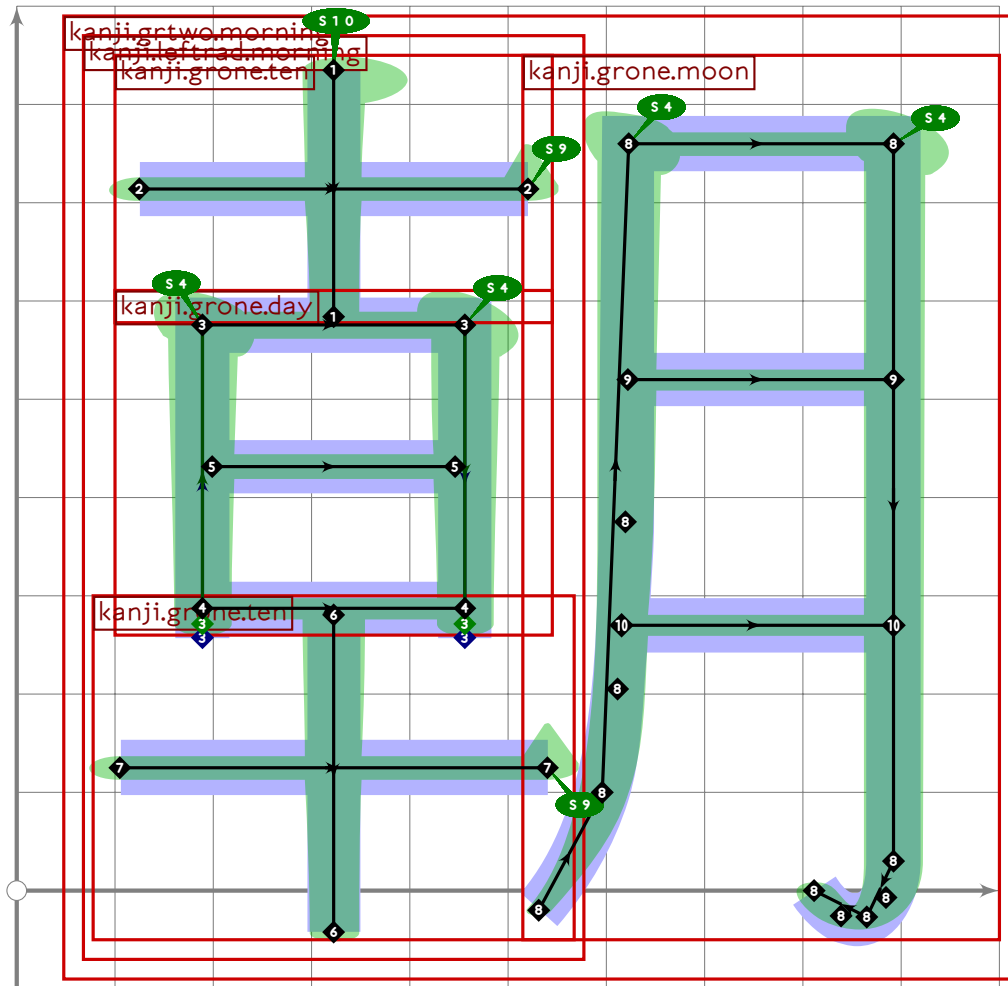
TWO



```

776
777 vardef kanji.grtwo.mix =
778   push_pbox_toexpand("kanji.grtwo.mix");
779   build_kanji.level(build_kanji.tb(610,70)
780     (kanji.radical.kettle_lid)
781     (kanji.grtwo.father));
782   expand_pbox;
783 enddef;

```

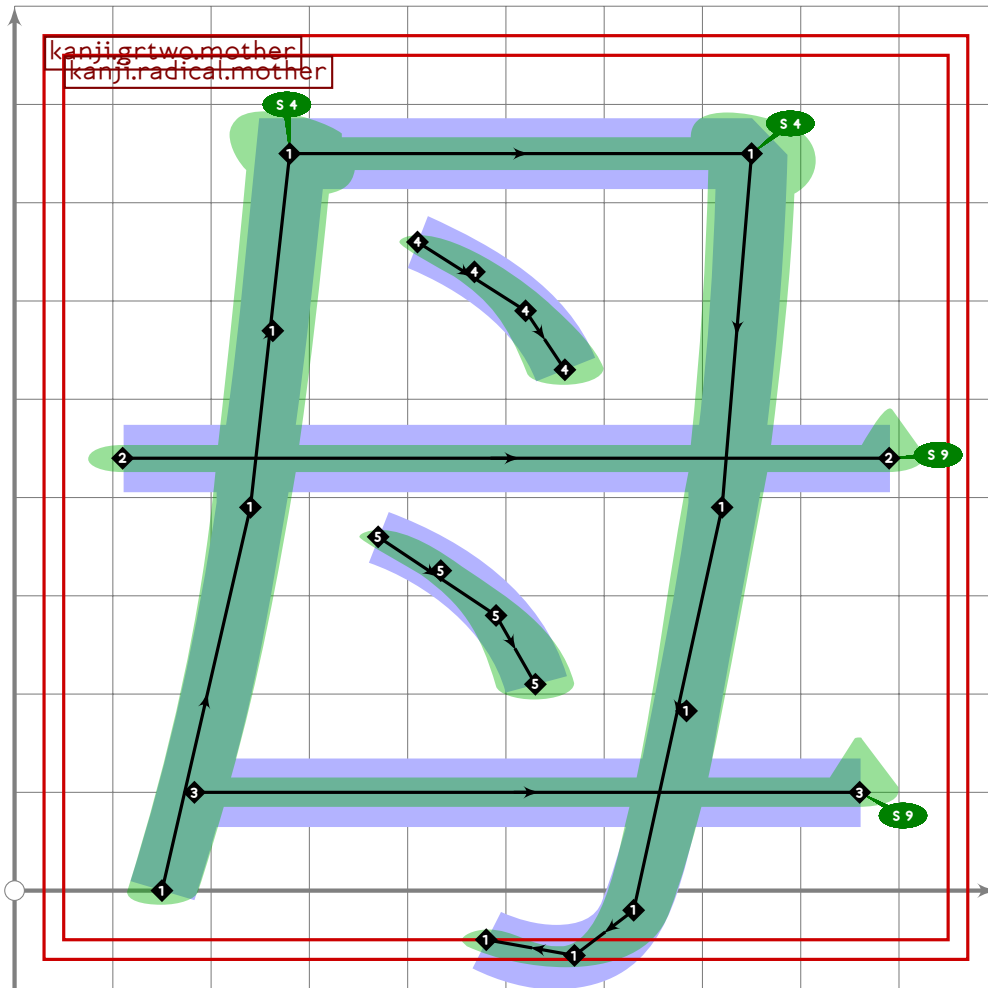
TWO

```

784
785 vardef kanji.grtwo.morning =
786   push_pbox_toexpand("kanji.grtwo.morning");
787   tsu_xform(identity shifted (50,0))
788   (build_kanji.level(build_kanji.lr(480,30)
789     (kanji.leftrad.morning)
790     (kanji.grone.moon)));
791   expand_pbox;
792 enddef;

```

TWO

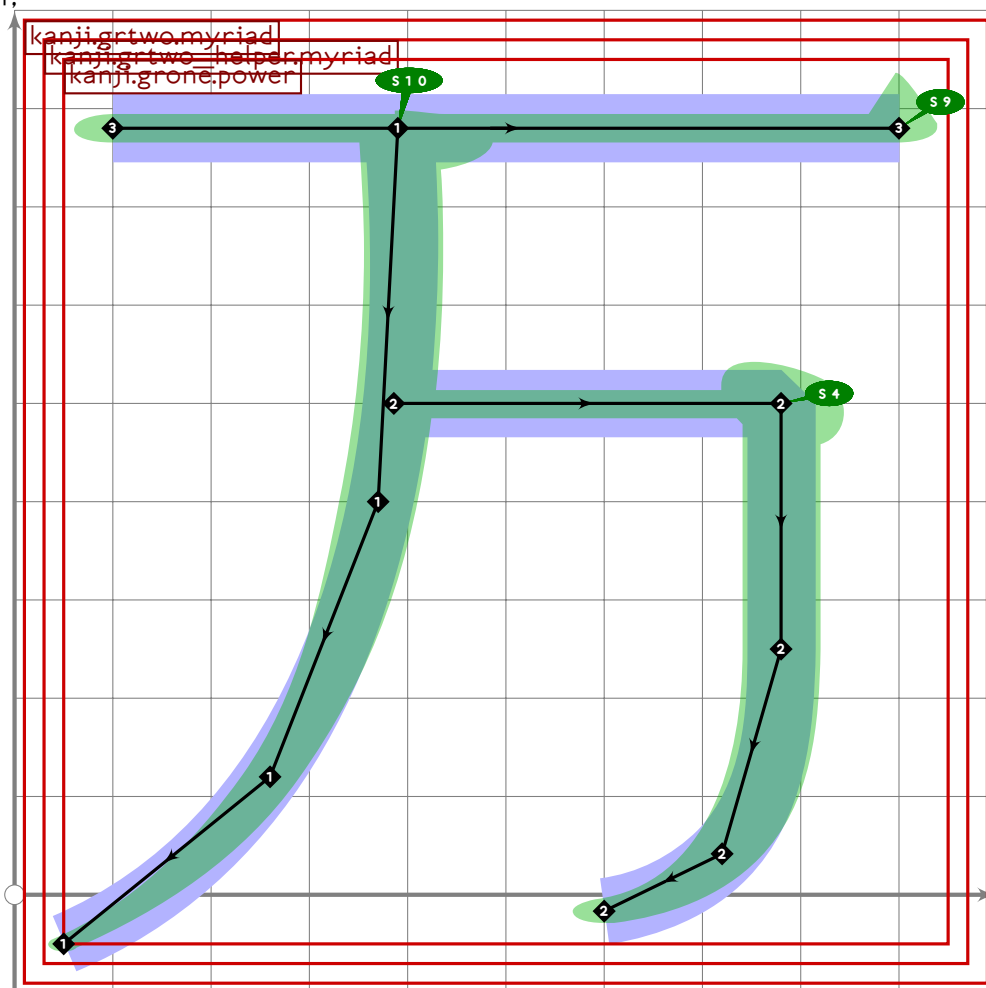


```

793
794 vardef kanji.grtwo.mother =
795   push_pbox_toexpand("kanji.grtwo.mother");
796   kanji.radical.mother;
797   push_stroke((410,660)..tension 1.2..(520,590)..(560,530),
798     (1,1,1)-(14,14)-(17,17));
799   set_bosize(0,90);
800   push_stroke((370,360)..tension 1.2..(490,280)..(530,210),
801     (1,1,1)-(14,14)-(17,17));
802   set_bosize(0,90);
803   expand_pbox;
804 enddef;
805
806 vardef kanji.grtwo_helper.myriad =
807   push_pbox_toexpand("kanji.grtwo_helper.myriad");
808   kanji.grone.power;
809   set_boserif(0,0,whatever);
810   replace_strokep(0)(oldp yscaled (500/600) shifted (-50,0));
811   replace_strokep(0)(
812     subpath (xpart (oldp intersectiontimes get_strokep(-1)),infinity)
813     of oldp);

```

```
814 expand_pbox;
815 enddef;
```

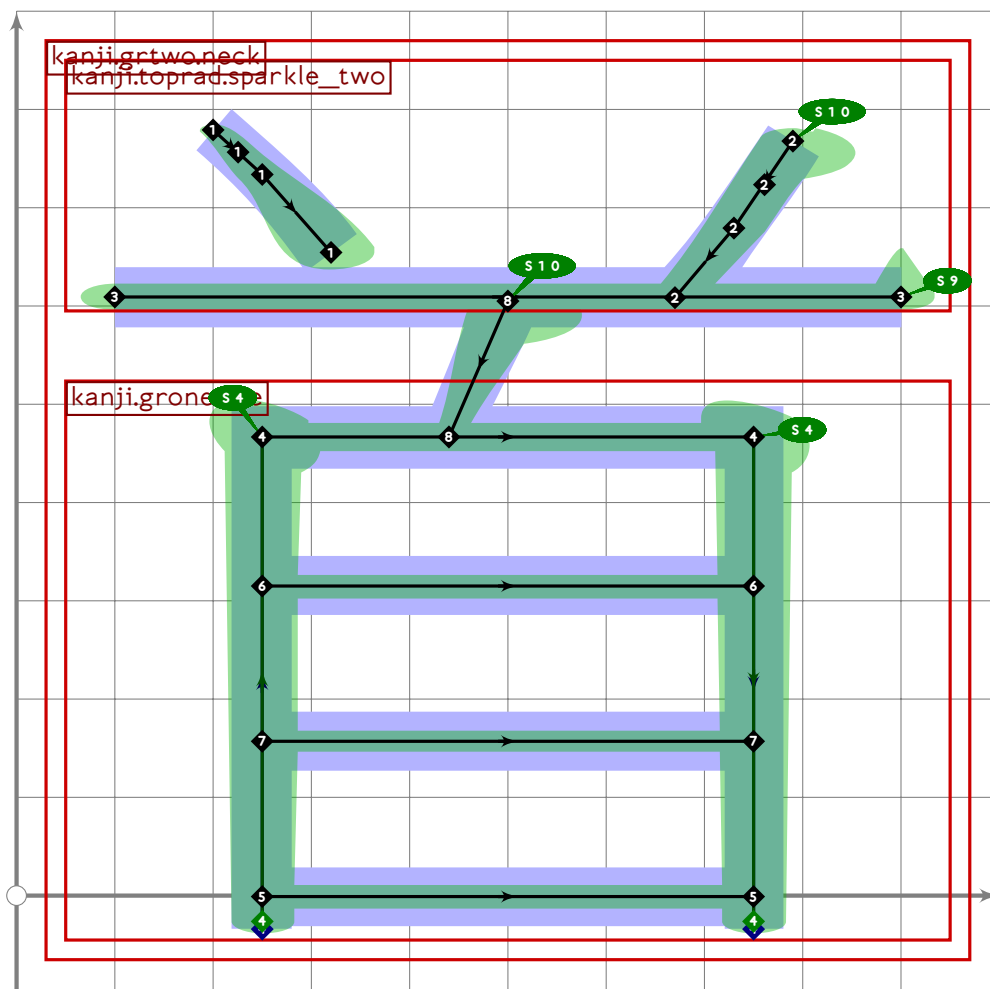


```
816
817 vardef kanji.grtwo.myriad =
818   push_pbox_toexpand("kanji.grtwo.myriad");
819   kanji.grtwo_helper.myriad;
820   push_stroke((100,780)-(900,780),(1.6,1.6)-(1.6,1.6));
821   set_boserif(0,19);
822   expand_pbox;
823 enddef;
```

TWO

U+9996
tsuku.uni9996

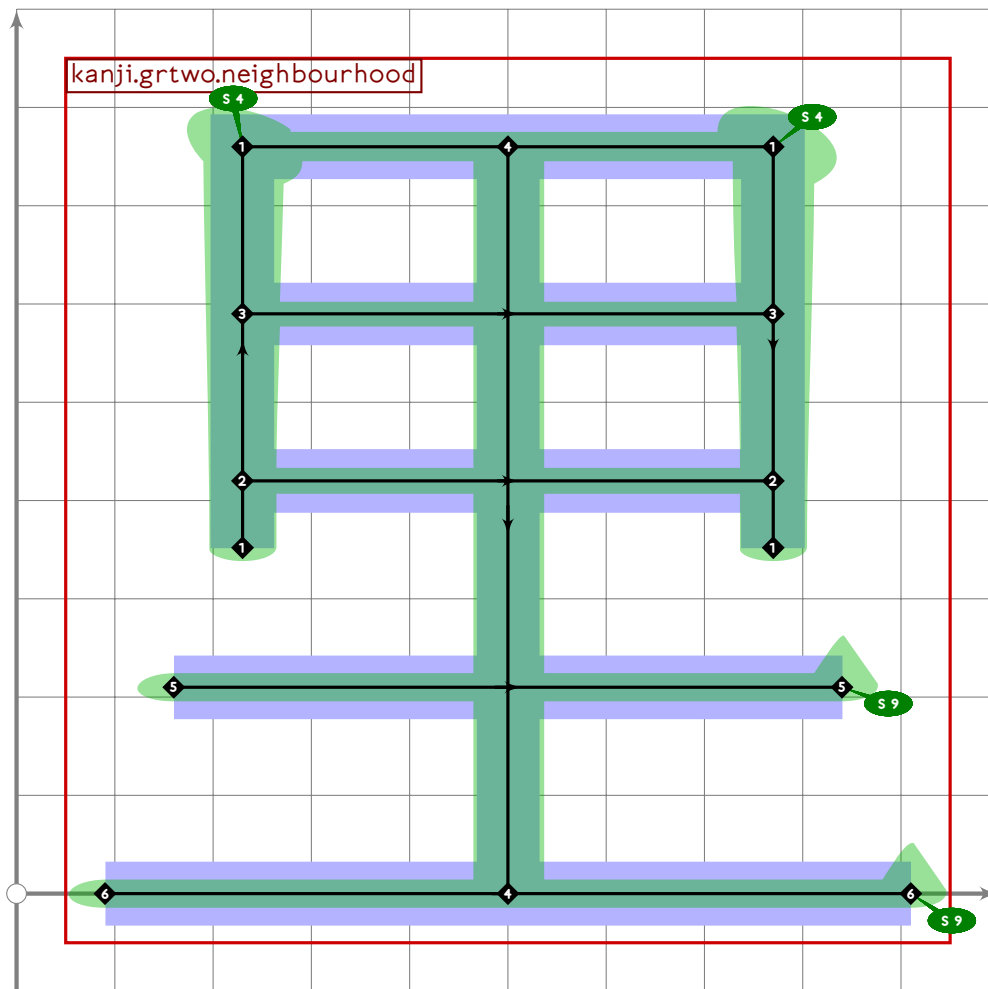
TWO



```

824
825 vardef kanji.grtwo.neck =
826   push_pbox__toexpand("kanji.grtwo.neck");
827   build_kanji.level(build_kanji.tb(600,10)
828     (kanji.toprad.sparkle_two;
829       replace_strokep(0)(oldp shifted (-point 0 of oldp)
830         yscaled 1.25 shifted (point 0 of oldp) shifted (0,-60));
831       push_stroke((100,0)-(900,0),(1.6,1.6)-(1.6,1.6));
832       set_boserif(0,1,9))
833     (build_kanji.attach_tick(660)(kanji.grone.eyeye)));
834   expand_pbox;
835 enddef;

```



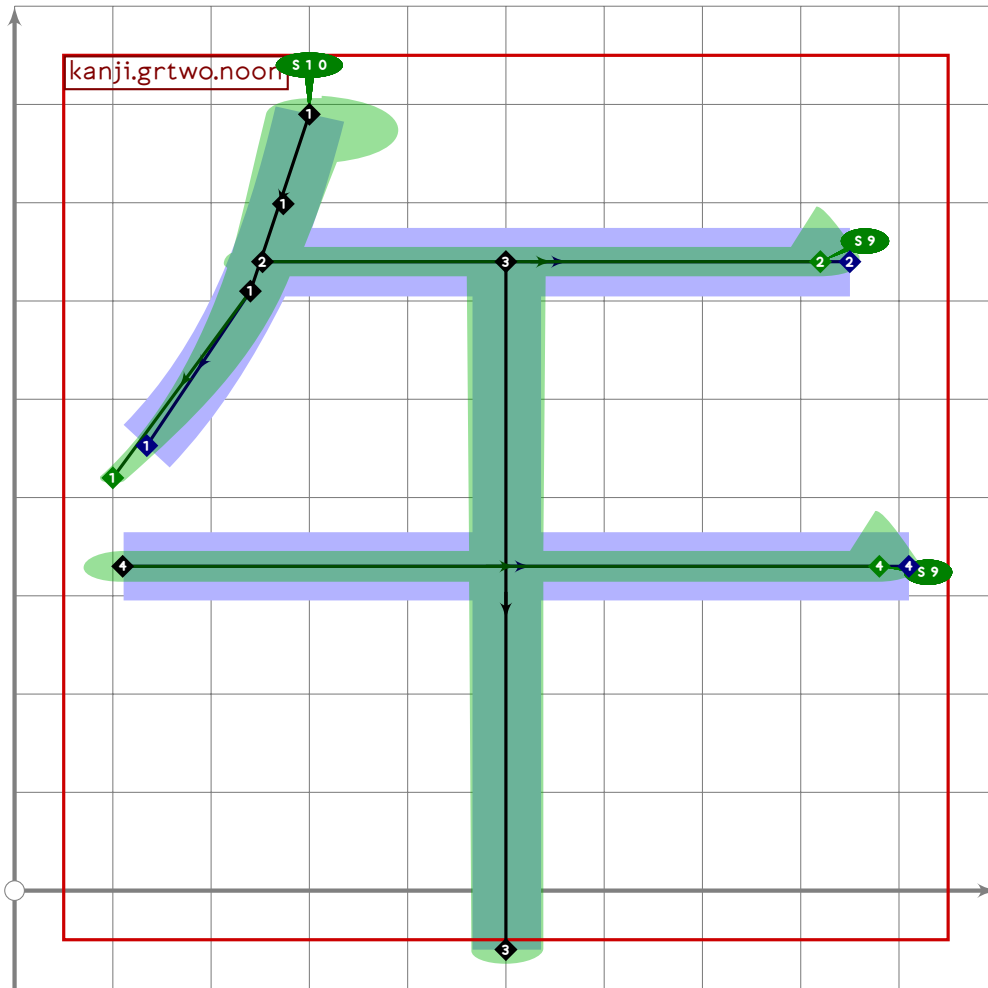
TWO

```

836
837 vardef kanji.grtwo.neighbourhood =
838   push_pbox__toexpand("kanji.grtwo.neighbourhood");
839   build_kanji.box((230,760),(770,420));
840   push_stroke((230,590)–(770,590),(1.5,1.5)–(1.5,1.5));
841   push_stroke((500,760)–(500,0),(1.6,1.6)–(1.5,1.5));
842   push_stroke((160,210)–(840,210),(1.6,1.6)–(1.6,1.6));
843   set_boserif(0,19);
844   push_stroke((90,0)–(910,0),(1.6,1.6)–(1.6,1.6));
845   set_boserif(0,19);
846   for i=-6 upto 0: set_bosize(i,93); endfor;
847   expand_pbox;
848 enddef;

```

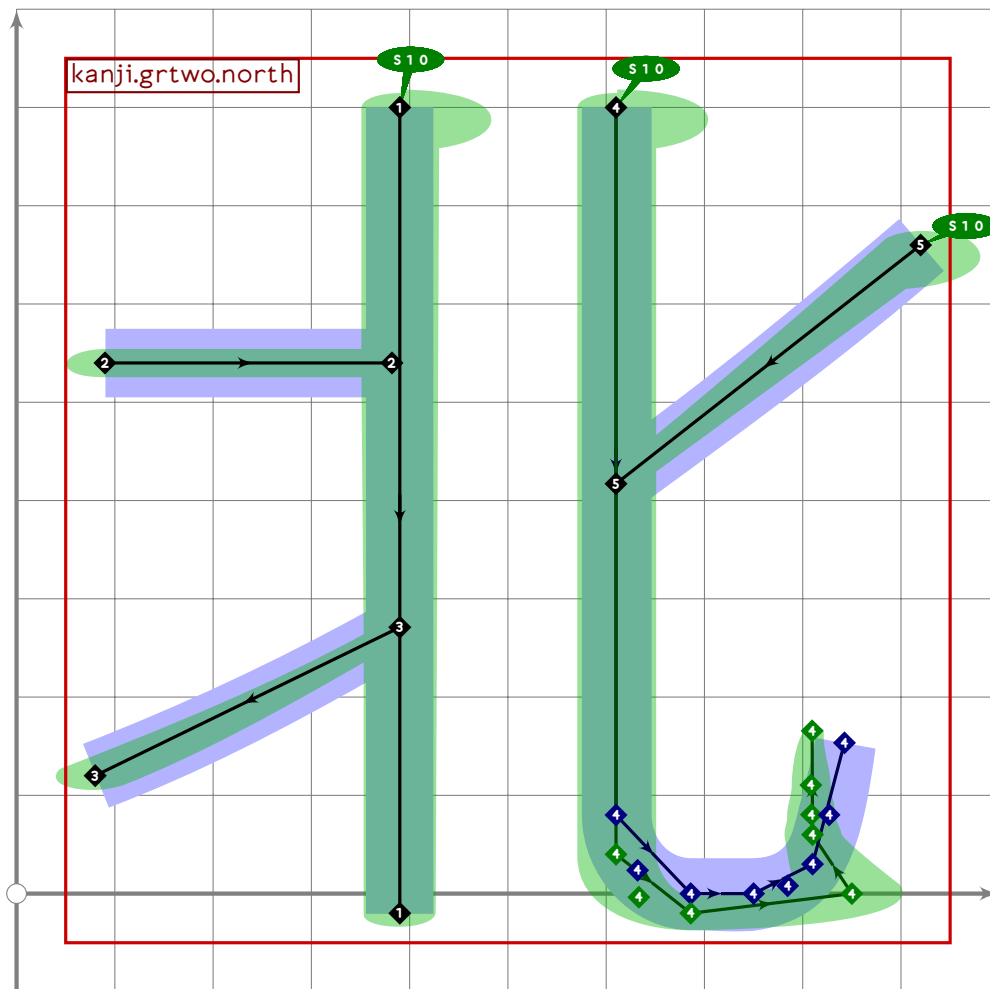
TWO



```

849
850 vardef kanji.grtwo.noon =
851   push_pbox__toexpand("kanji.grtwo.noon");
852   push_stroke((300,790)..tension 1.2..(240,610)..(100,420),
853     (1.7,1.7)–(1.4,1.4)–(0.9,0.9));
854   set__boserif(0,0,10);
855   push_stroke((((0,640)–(1000,640)) intersectionpoint get__strokep(0))–
856     (850–30*mincho,640),
857     (1.6,1.6)–(1.6,1.6));
858   set__boserif(0,1,9);
859   push_stroke((500,640)–(500–60),(1.6,1.6)–(1.5,1.5));
860   push_stroke((110,330)–(910–30*mincho,330),
861     (1.6,1.6)–(1.6,1.6));
862   set__boserif(0,1,9);
863   expand__pbox;
864 enddef;

```



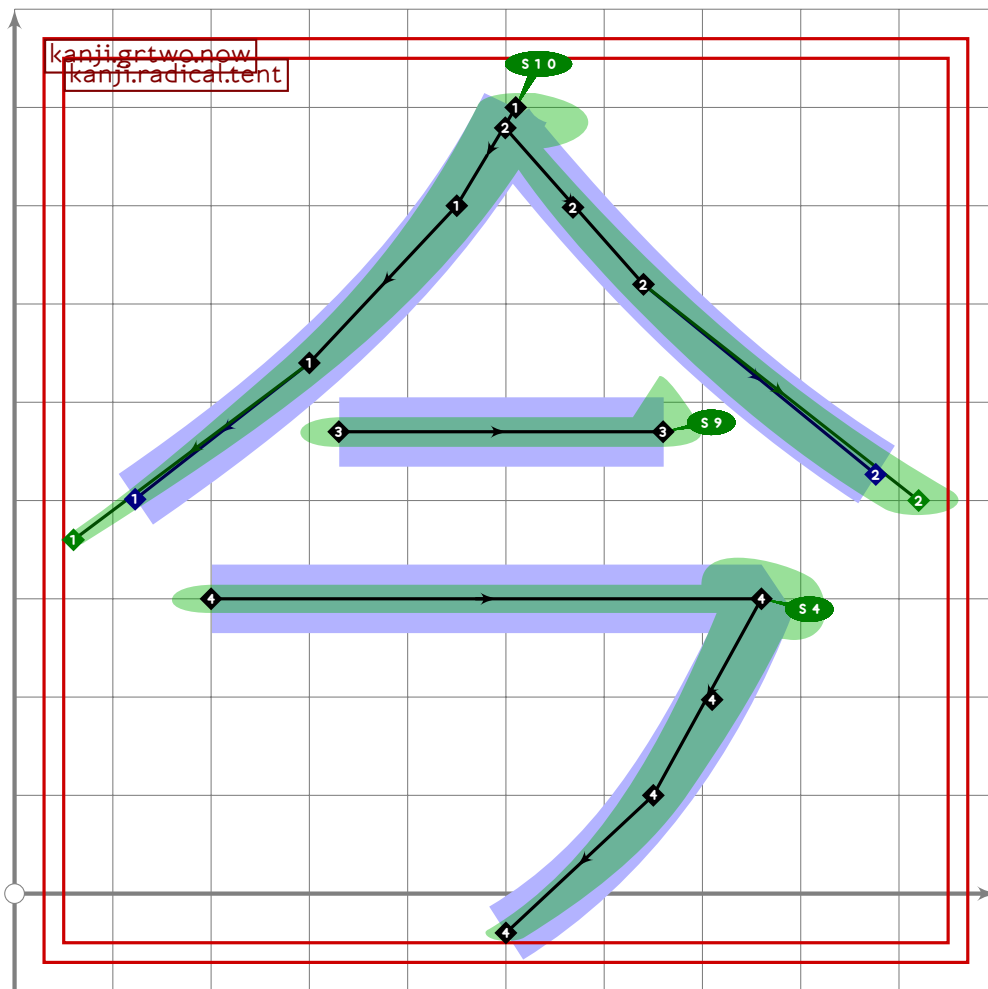
TWO

```

865
866 vardef kanji.grtwo.north =
867   push_pbox_toexpand("kanji.grtwo.north");
868   push_stroke((390,800)-(390,-20),(1.6,1.6)-(1.5,1.5));
869   set_boserif(0,0,10);
870   push_stroke((90,540)-(382,540),(1.6,1.6)-(1.6,1.6));
871   push_stroke((920,660)..tension 1.2..(500,340)..(80,120),
872     (1.1,1.1)-(1.6,1.6));
873   push_stroke((610,800),(1.6,1.6));
874   build_kanji.add_tail(0);
875   set_boserif(0,0,10);
876   push_stroke(subpath
877     (0,xpart (get_stroke(-1) intersectiontimes get_stroke(0)))
878     of get_stroke(-1),
879     (1.6,1.6)-(1.1,1.1));
880   set_boserif(0,0,10);
881   replace_stroke(-2)(subpath
882     (xpart (oldp intersectiontimes get_stroke(-4)),infinity)
883     of oldp);
884   expand_pbox;
885 enddef;

```

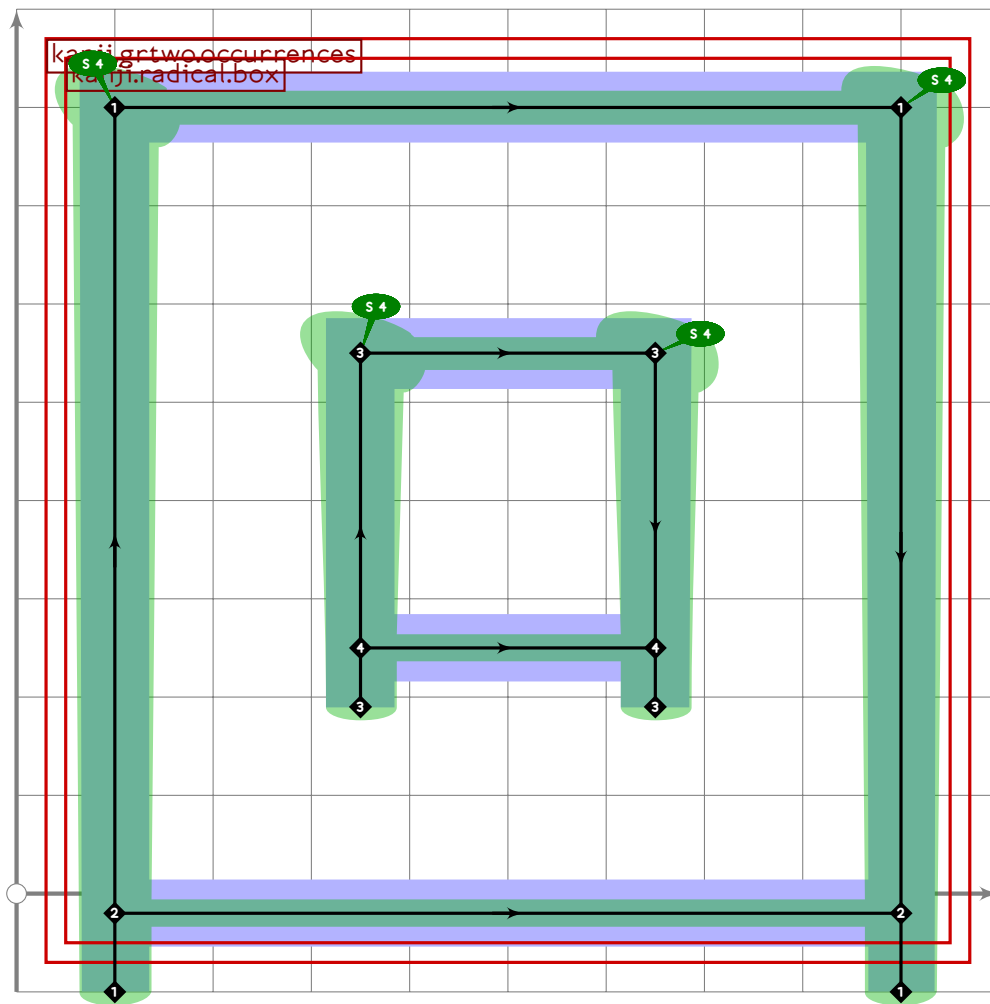
TWO



```

886
887 vardef kanji.grtwo.now =
888   push_pbox__toexpand("kanji.grtwo.now");
889   kanji.radical.tent;
890   push_stroke((200,300)-(760,300)..tension 1.2..(650,100)..(500,-40),
891     (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.1,1.1));
892   set__boserif(0,14);
893   set__botip(0,1,0);
894   expand_pbox;
895 enddef;

```

TWO

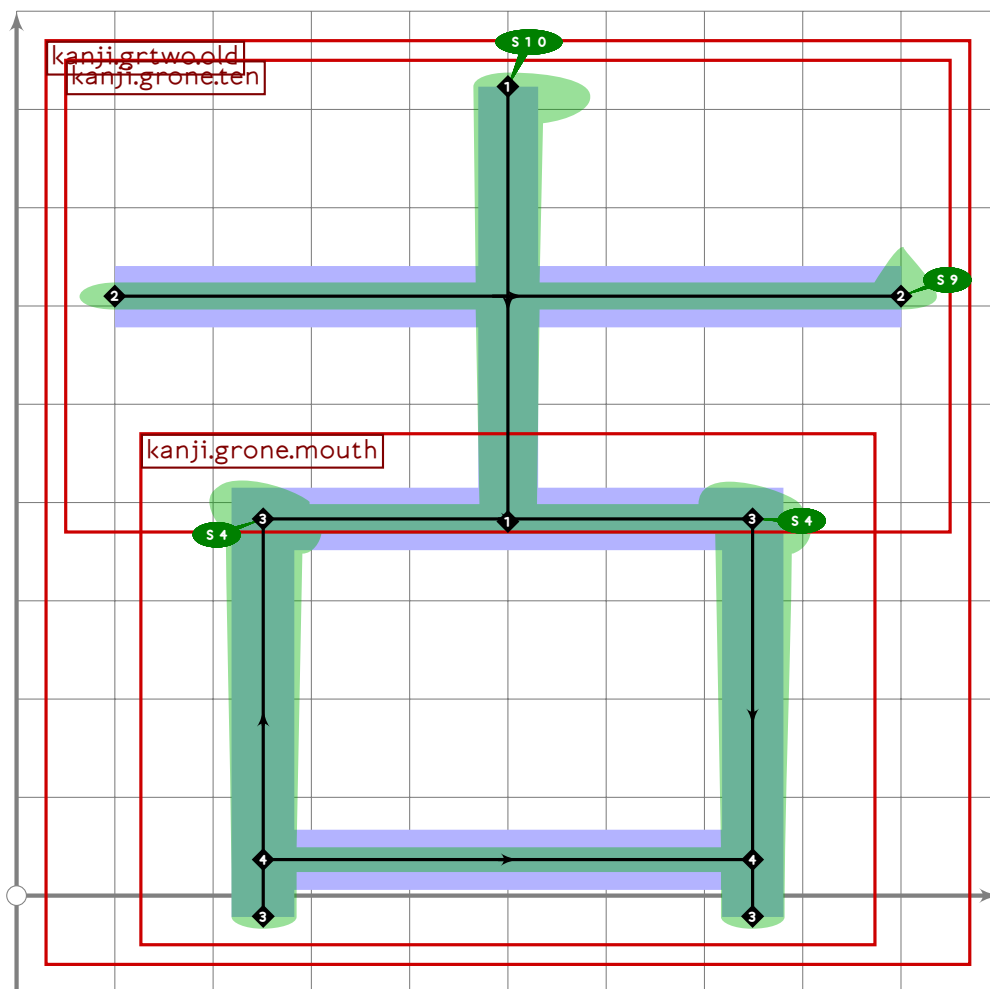
```

896
897 vardef kanji.grtwo.occurrences =
898   push_pbox_toexpand("kanji.grtwo.occurrences");
899   kanji.radical.box;
900   build_kanji.box((350,550),(650,250));
901   expand_pbox;
902 enddef;

```

U+53E4
tsuku.uni53E4

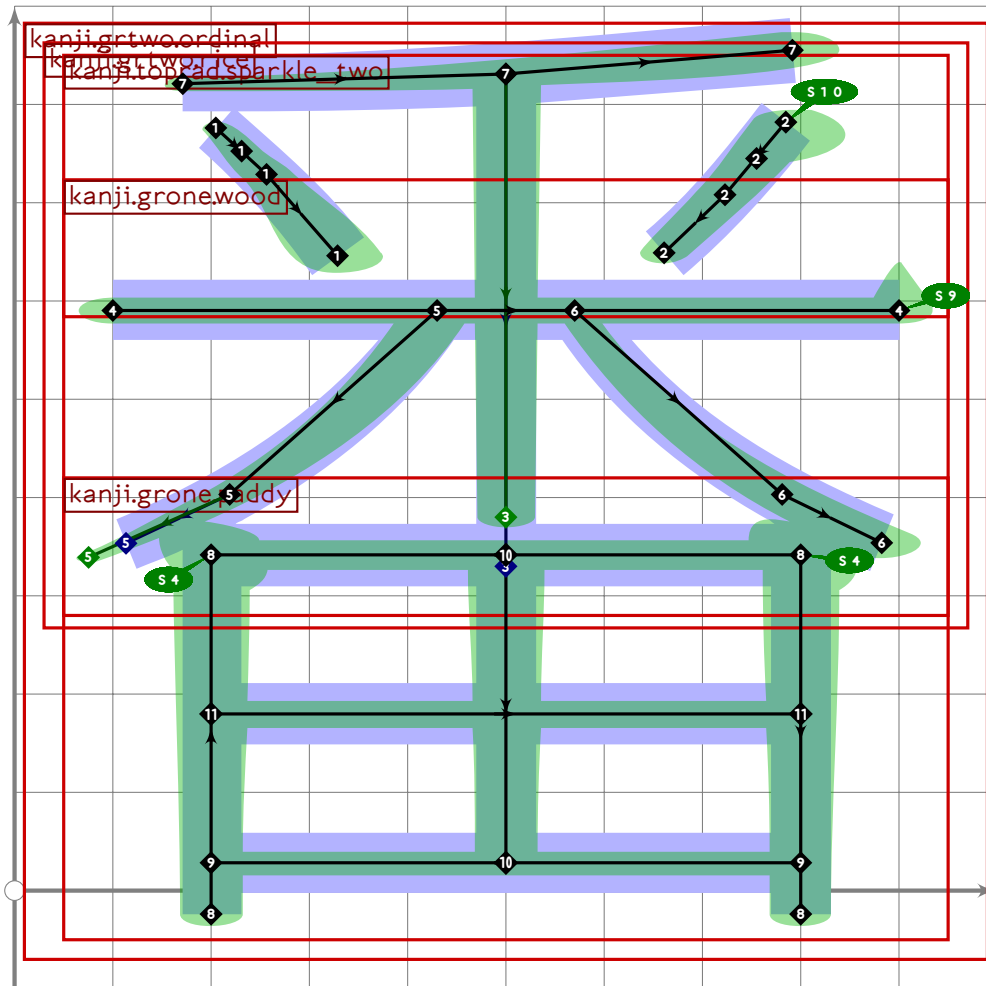
TWO



```

903
904 vardef kanji.grtwo.old =
905   push_pbox_toexpand("kanji.grtwo.old");
906   build_kanji.level(build_kanji.tb(420,100)
907     (kanji.grone.ten)
908     (build_kanji.sscale(xscaled 0.83)(kanji.grone.mouth)));
909   expand_pbox;
910 enddef;

```



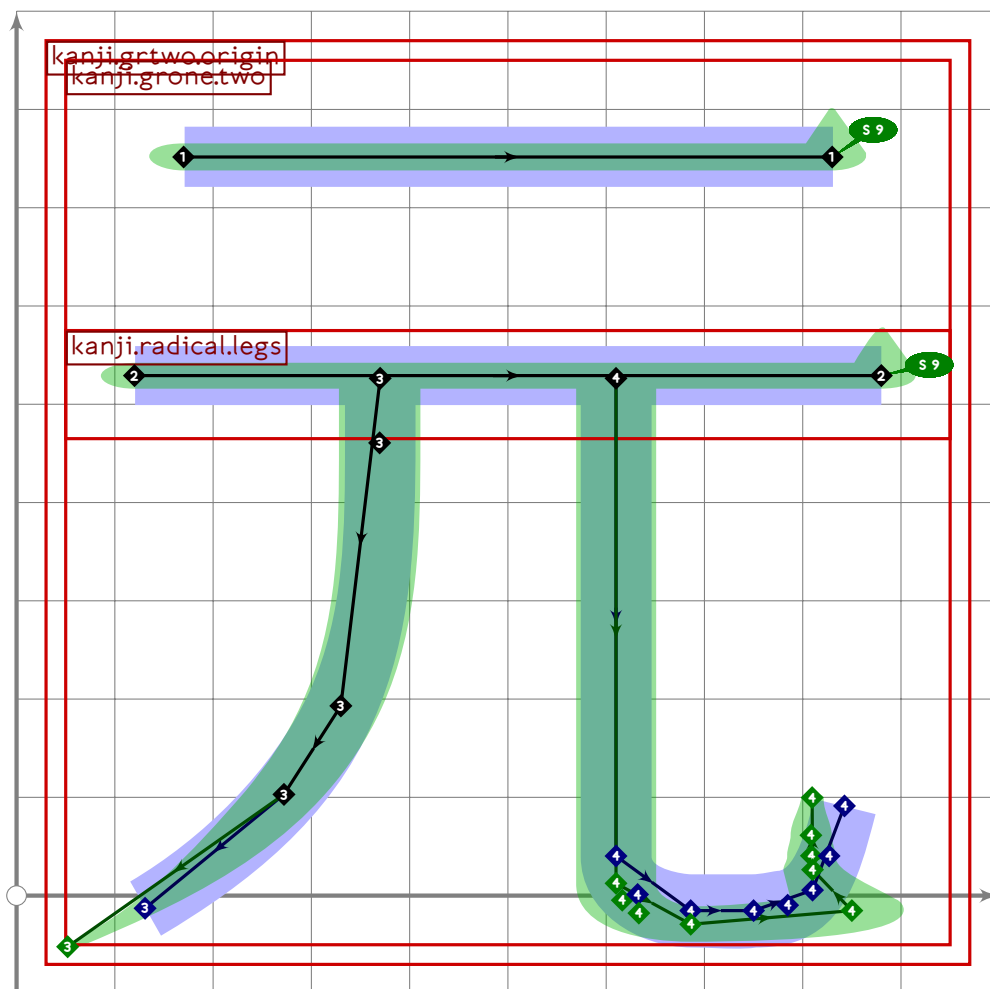
TWO

```

911
912 vardef kanji.grtwo.ordinal =
913   push_pbox_toexpand("kanji.grtwo.ordinal");
914   build_kanji.level(build_kanji.tb(350,140)
915     (build_kanji.spread_legs(140)(build_kanji.add_beret(
916       kanji.grtwo.rice)))
917     (kanji.grtwo.paddy));
918   replace_strokep(-8)((point 0 of oldp)-(500,330+50*mincho));
919   expand_pbox;
920 enddef;

```

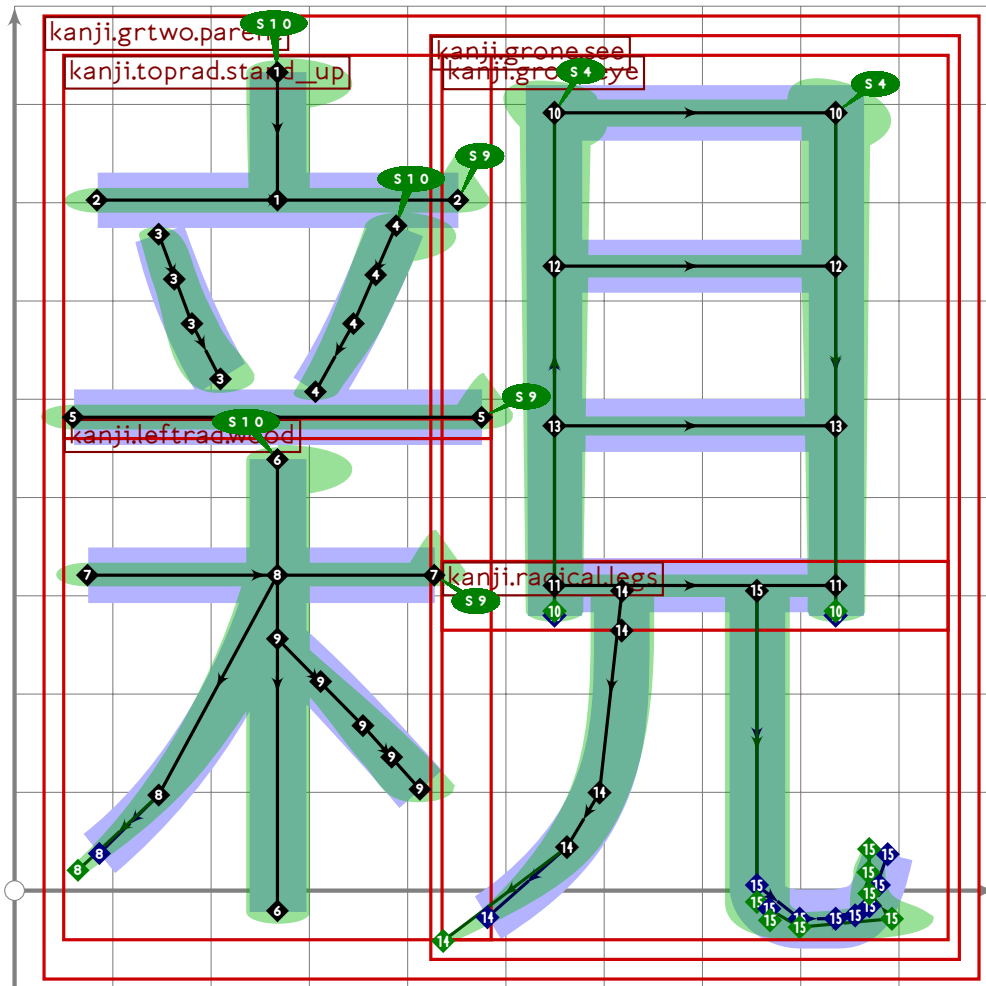
TWO



```

921
922 vardef kanji.grtwo.origin =
923   push_pbox_toexpand("kanji.grtwo.origin");
924   build_kanji.tb(520,110)
925     (kanji.grone.two)
926     (kanji.radical.legs);
927   expand_pbox;
928 enddef;

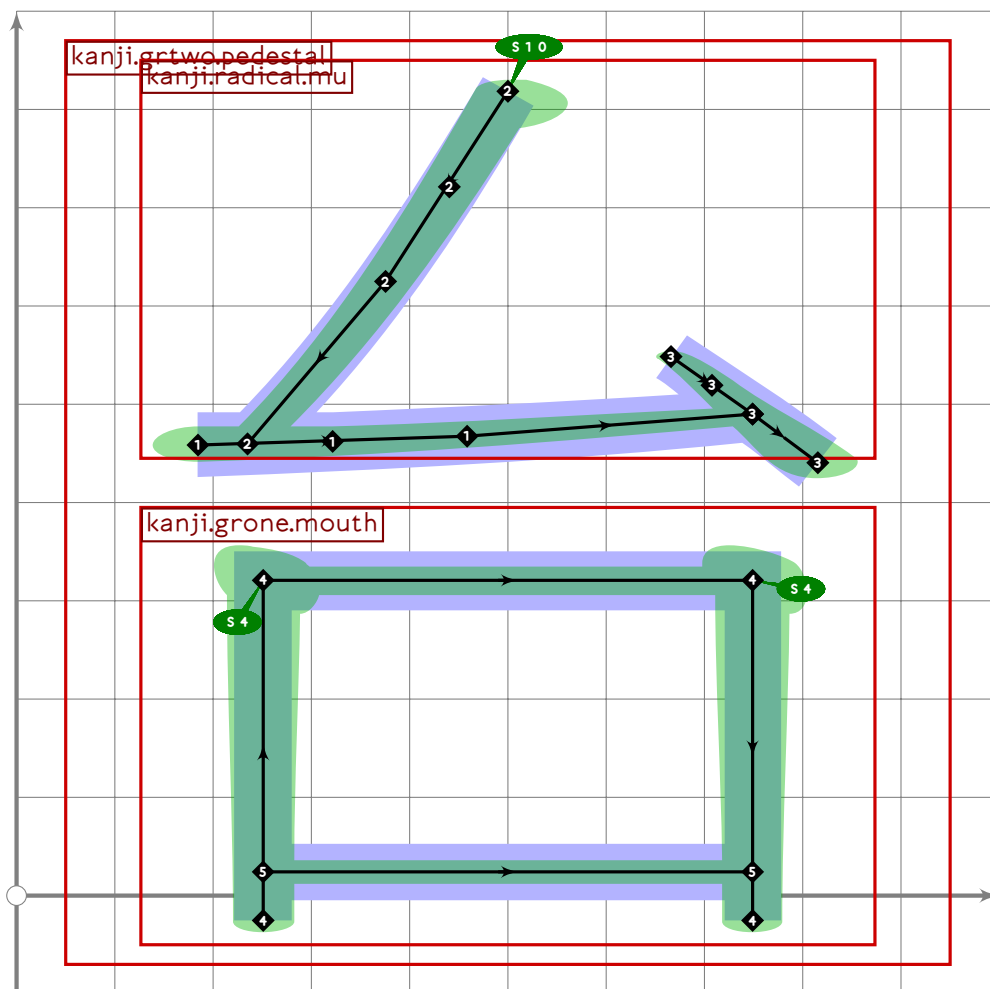
```



563

U+53F0
tsuku.uni53F0

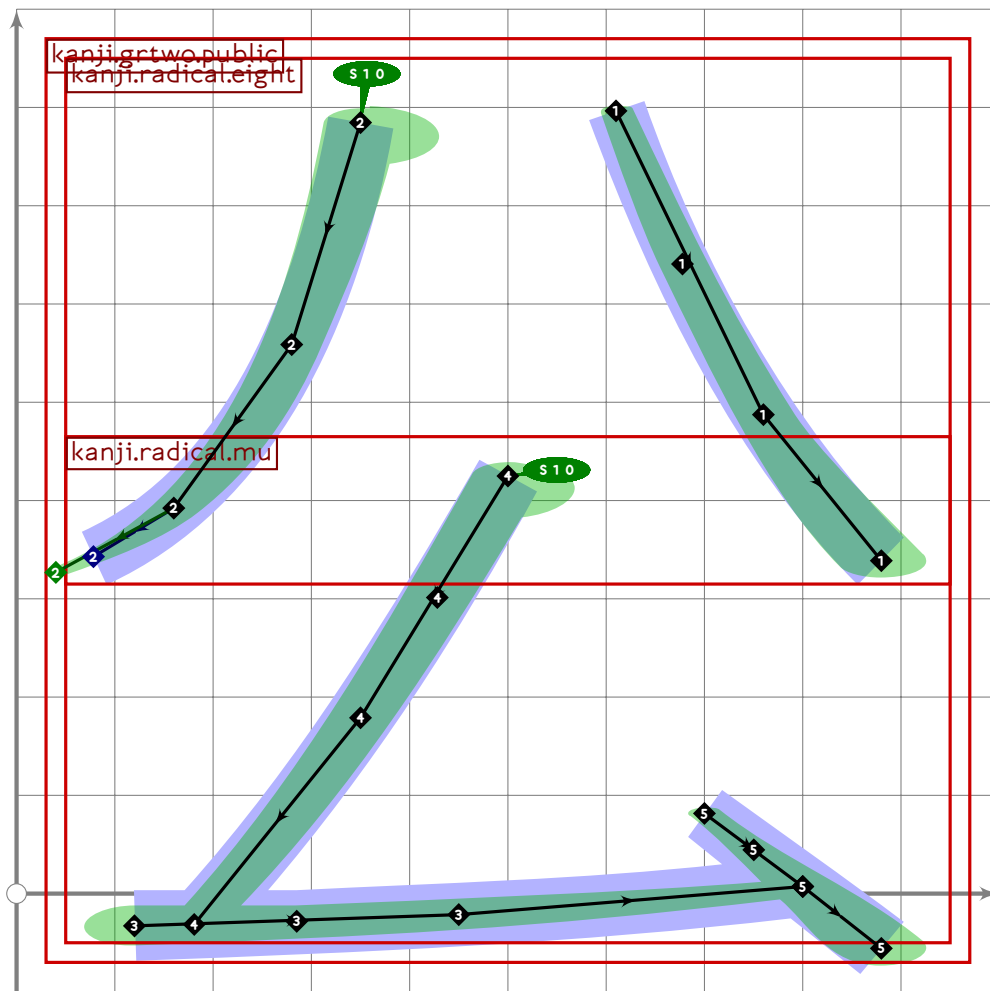
TWO



```

939
940 vardef kanji.grtwo.pedestal =
941   push_pbox_toexpand("kanji.grtwo.pedestal");
942   build_kanji.sscale(xscaled 0.83)(
943     build_kanji.level(build_kanji.tb(420;50)
944       (kanji.radical.mu)
945       (kanji.grone.mouth)));
946   expand_pbox;
947 enddef;

```



TWO

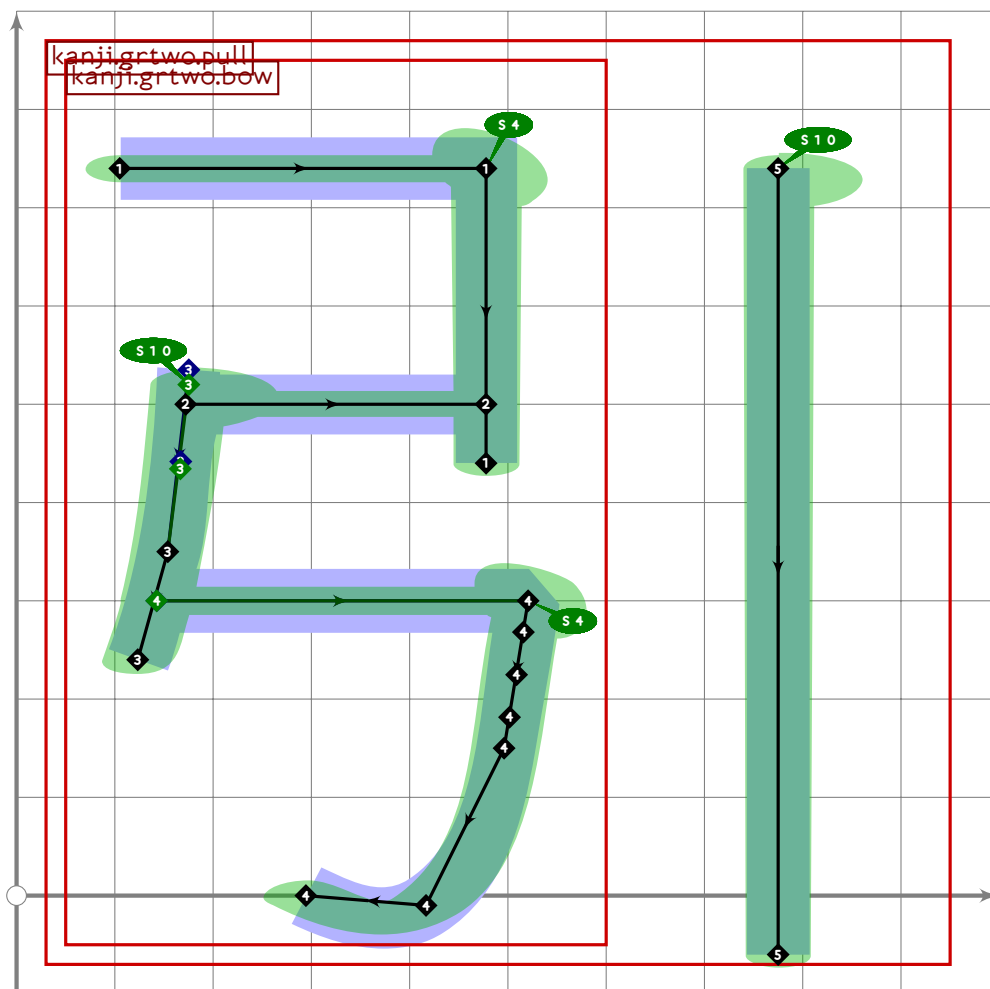
```

948
949 vardef kanji.grtwo.public =
950   push_pbox_toexpand("kanji.grtwo.public");
951   build_kanji.level(build_kanji.tb(390,150)
952     (kanji.radical.eight)
953     (kanji.radical.mu));
954   expand_pbox;
955 enddef;

```

U+5F15
tsuku.uni5F15

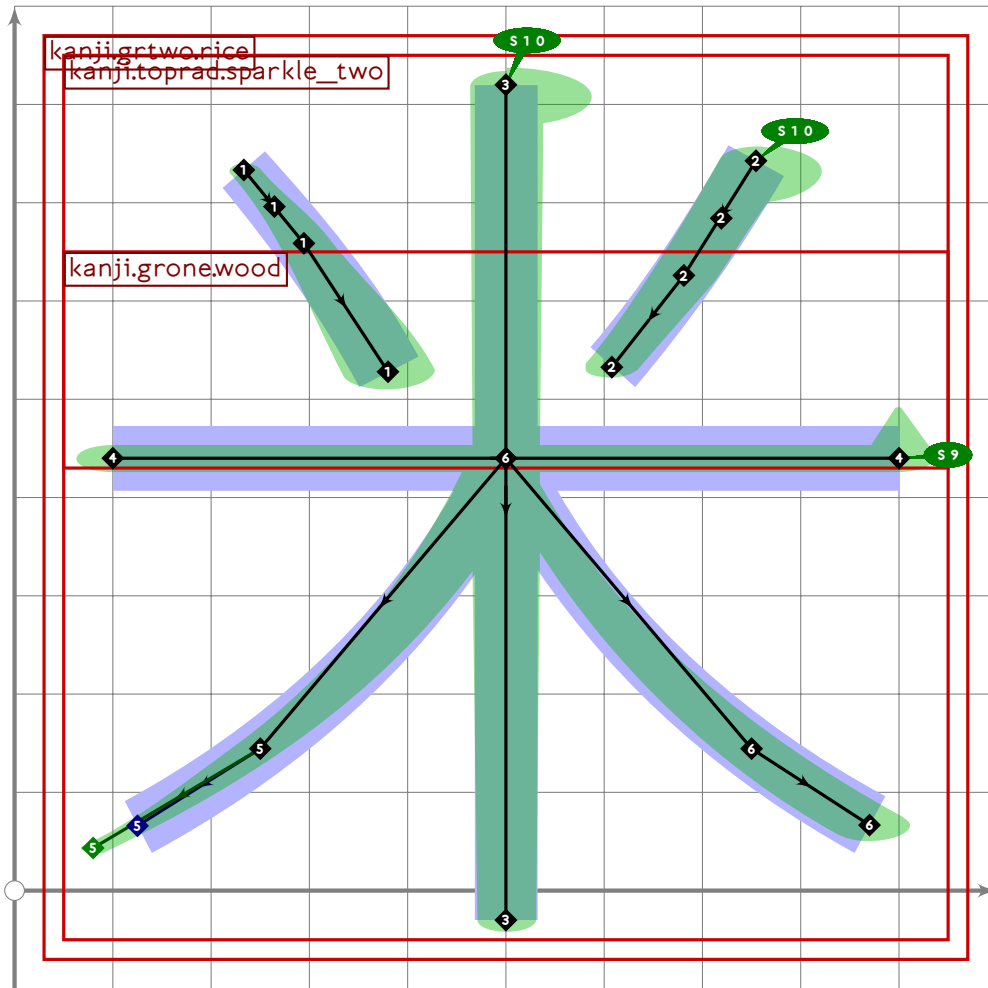
TWO



```

956
957 vardef kanji.grtwo.pull =
958   push_pbox__toexpand("kanji.grtwo.pull");
959   build_kanji.level(build_kanji.lr(600,0)
960     (kanji.grtwo.bow)
961     (push_stroke((500,740)-(500,-60),(1.6,1.6)-(1.5,1.5));
962       set_boserif(0,0,10);
963     ));
964   expand_pbox;
965 enddef;

```

TWO

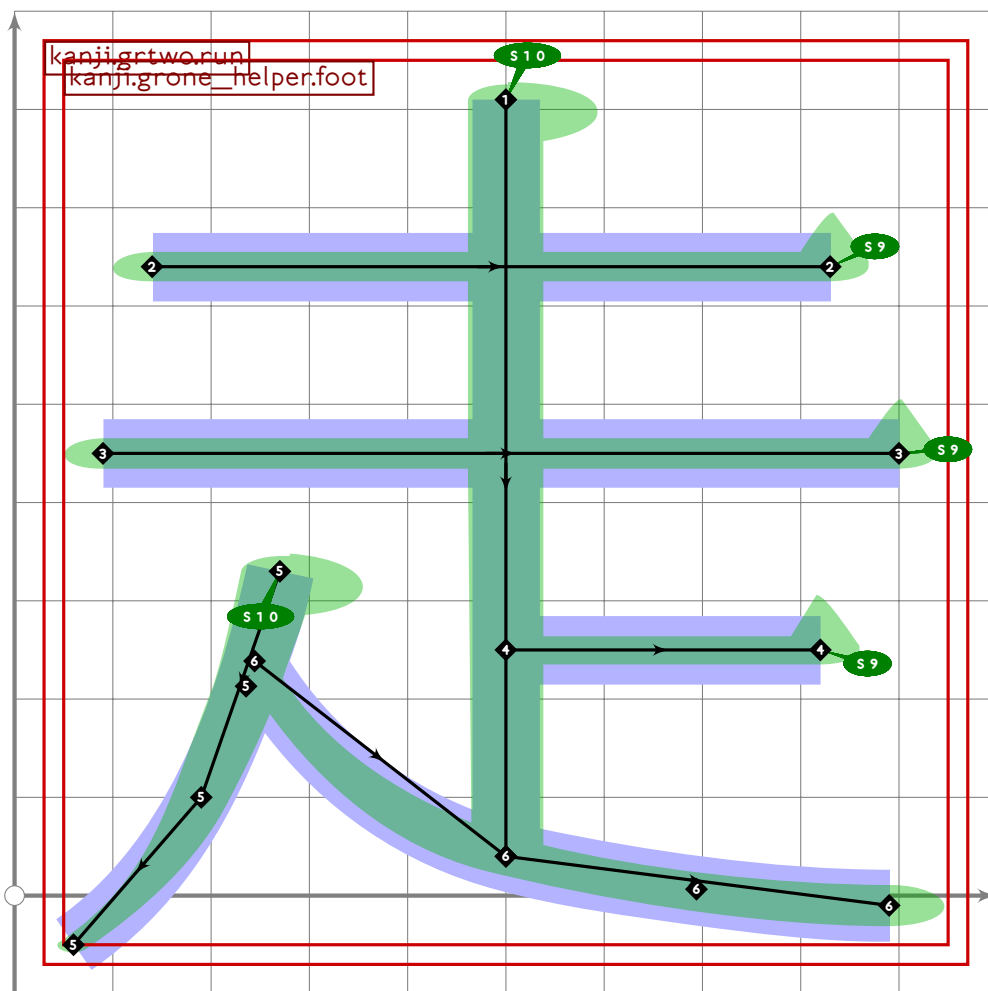
```

966
967 vardef kanji.grtwo.rice =
968   push_pbox_toexpand("kanji.grtwo.rice");
969   build_kanji.level(build_kanji.tb(540,220)
970     (build_kanji.spread_legs(-200)(kanji.toprad.sparkle_two))
971     (kanji.grtwo.wood));
972   replace_strokep(-3)((500,820)-(500,-30));
973   replace_strokeq(-3)((1.6,1.6)-(1.4,1.4));
974   expand_pbox;
975 enddef;

```

U+8D70
tsuku.uni8D70

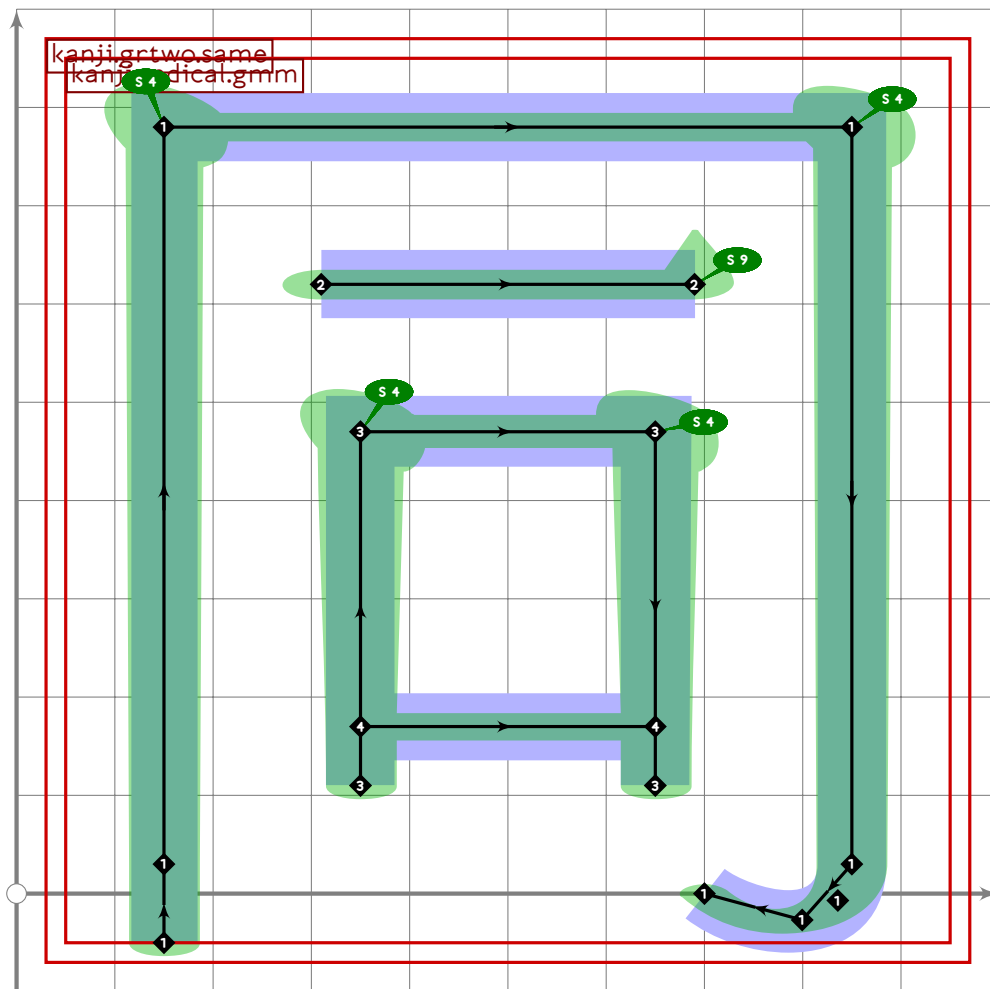
TWO



```

976
977 vardef kanji.grtwo.run =
978   push_pbox__toexpand("kanji.grtwo.run");
979   push_stroke((500,810)–(500,40),(1.6,1.6)–(1.5,1.5));
980   set_boserif(0,0,10);
981   push_stroke((140,640)–(830,640),(1.6,1.6)–(1.6,1.6));
982   set_boserif(0,19);
983   push_stroke((90,450)–(900,450),(1.6,1.6)–(1.6,1.6));
984   set_boserif(0,19);
985   push_stroke((500,250)–(820,250),(1.5,1.5)–(1.6,1.6));
986   set_boserif(0,19);
987   kanji.grone_helper.foot;
988   expand_pbox;
989 enddef;

```



TWO

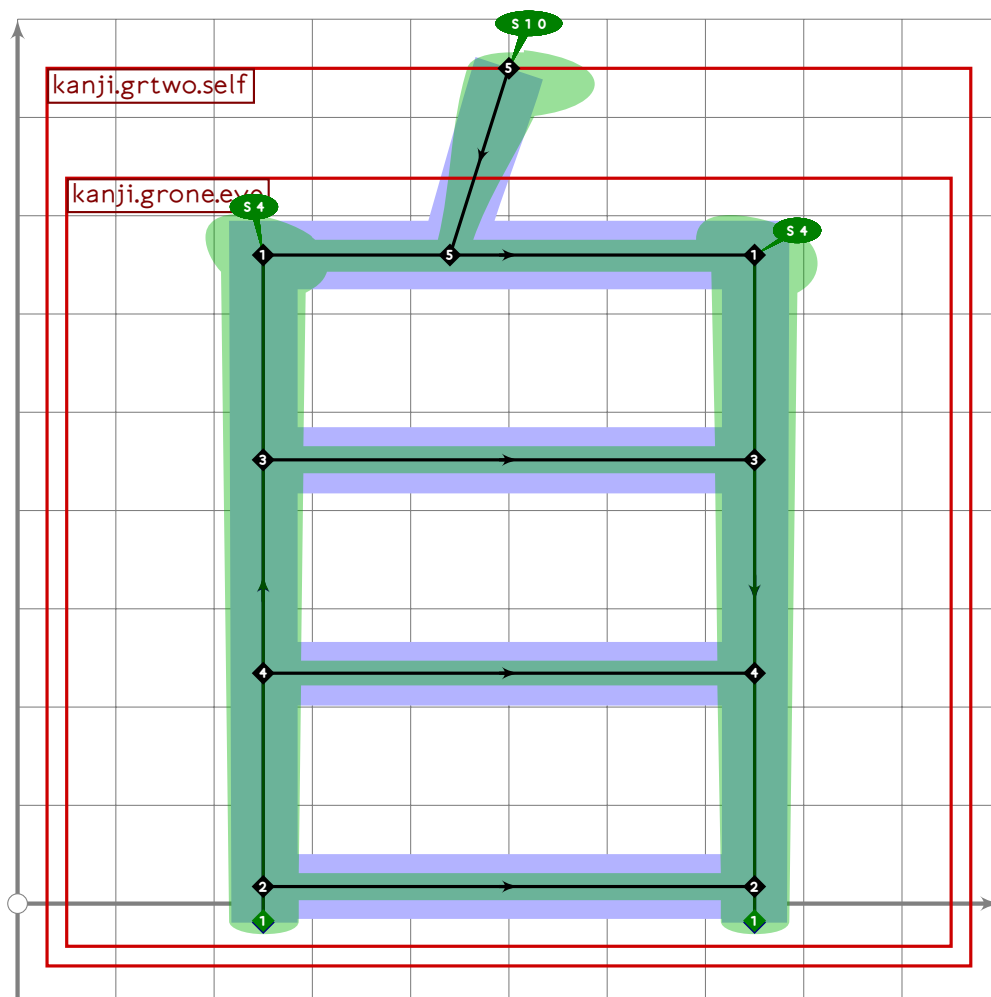
```

990
991 vardef kanji.grtwo.same =
992   push_pbox__toexpand("kanji.grtwo.same");
993   kanji.radical.gmm;
994   push_stroke((310,620)–(690,620),(1.6,1.6)–(1.6,1.6));
995   set_boserif(0,19);
996   build_kanji.box((350,470),(650,170));
997   expand_pbox;
998 enddef;

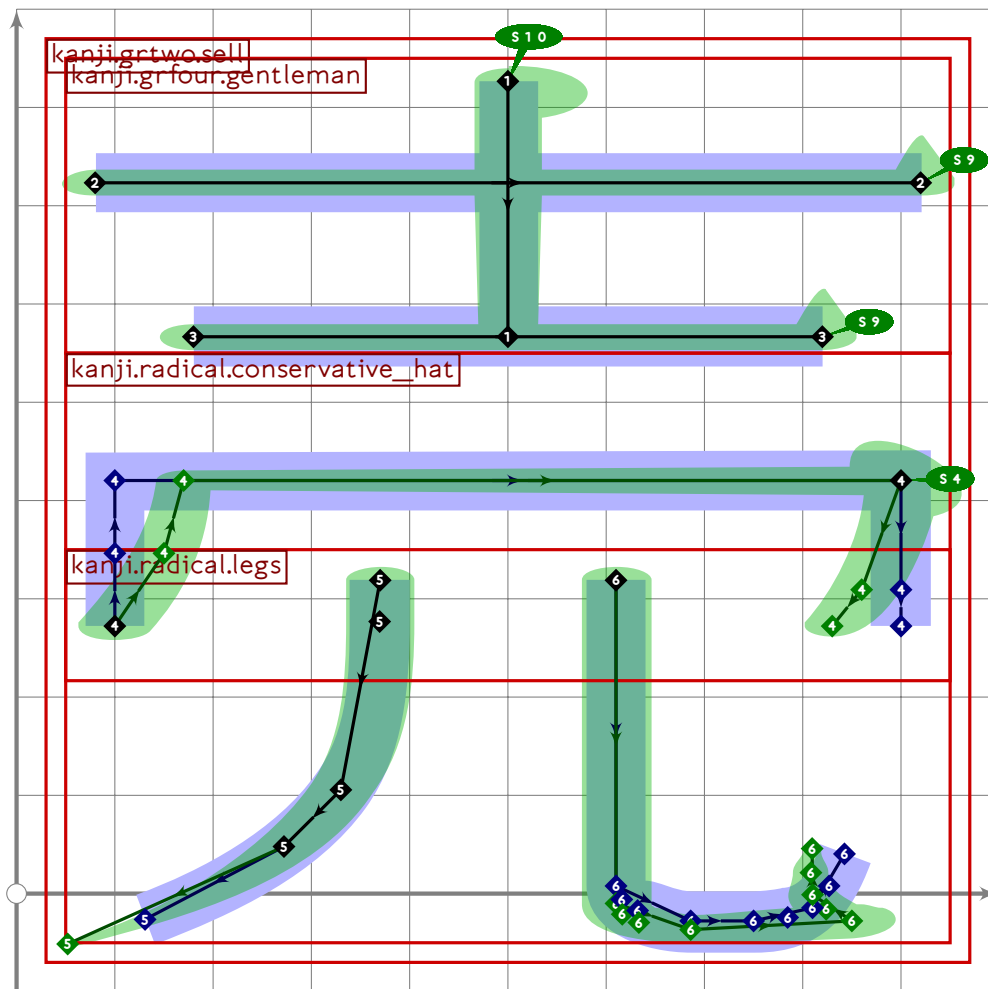
```

U+81EA
tsuku.uni81EA

TWO



```
999
1000 vardef kanji.grtwo.self =
1001   push_pbox_toexpand("kanji.grtwo.self");
1002   build_kanji.attach_tick(660)(kanji.grone.eye);
1003   expand_pbox;
1004 enddef;
```

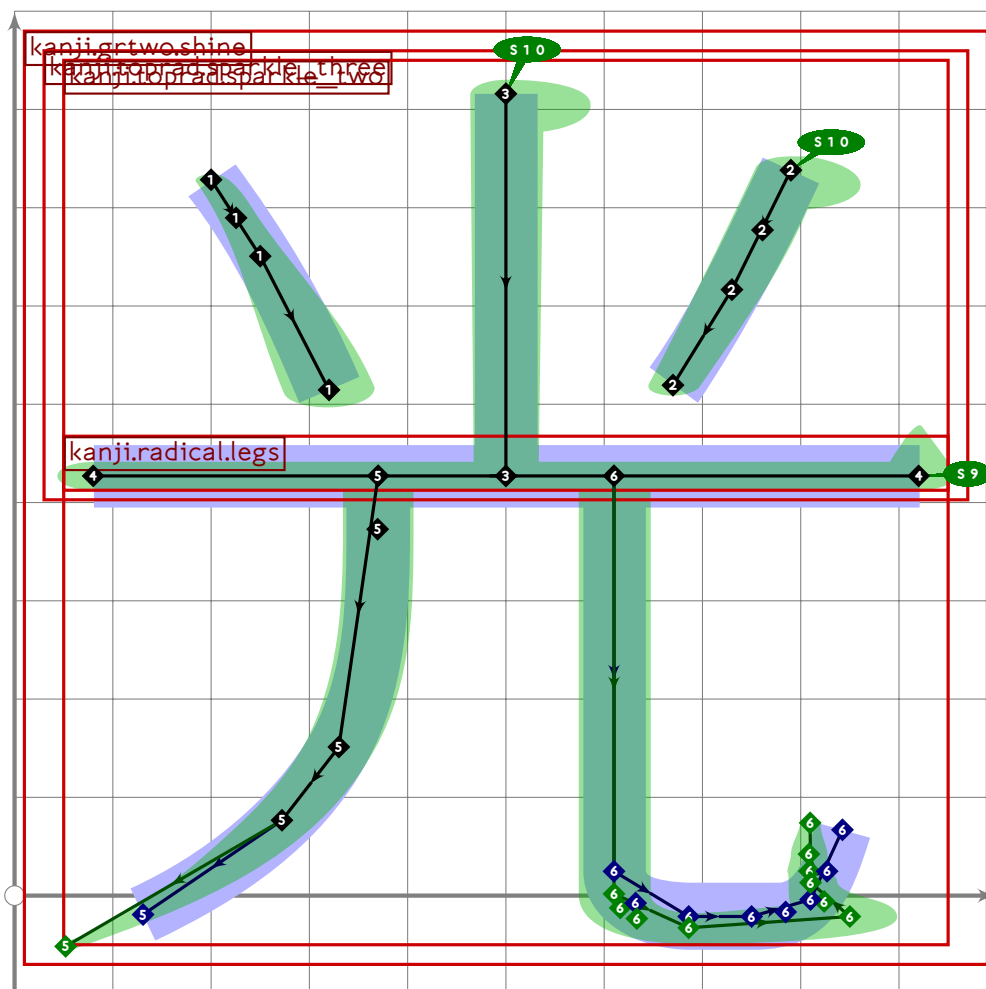


TWO

```

1005
1006 vardef kanji.grtwo.sell =
1007   push_pbox_toexpand("kanji.grtwo.sell");
1008   build_kanji.level(build_kanji.tb(550,0)
1009     (kanji.grfour.gentleman)
1010     (build_kanji.tb(450,200)
1011       (kanji.radical.conservative_hat)
1012       (kanji.radical.legs)));
1013   expand_pbox;
1014 enddef;

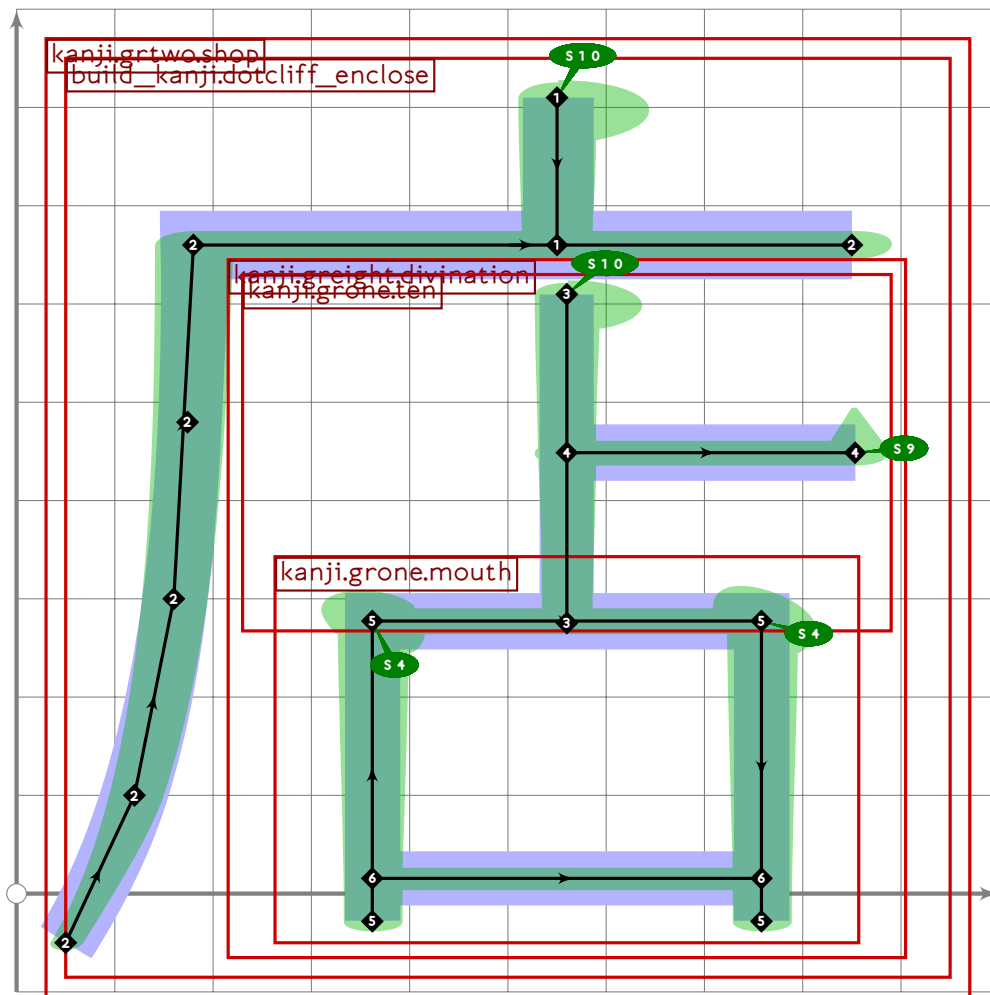
```



```

1015
1016 vardef kanji.grtwo.shine =
1017     push_pbox_toexpand("kanji.grtwo.shine");
1018     build_kanji.level(build_kanji.tb(440,55)
1019         (kanji.toprad.sparkle_three;
1020             push_stroke((80,20)-(920,20),(1.6,1.6)-(1.6,1.6));
1021             set_boserif(0,19);
1022         )
1023         (kanji.radical.legs));
1024     expand_pbox;
1025 enddef;

```



TWO

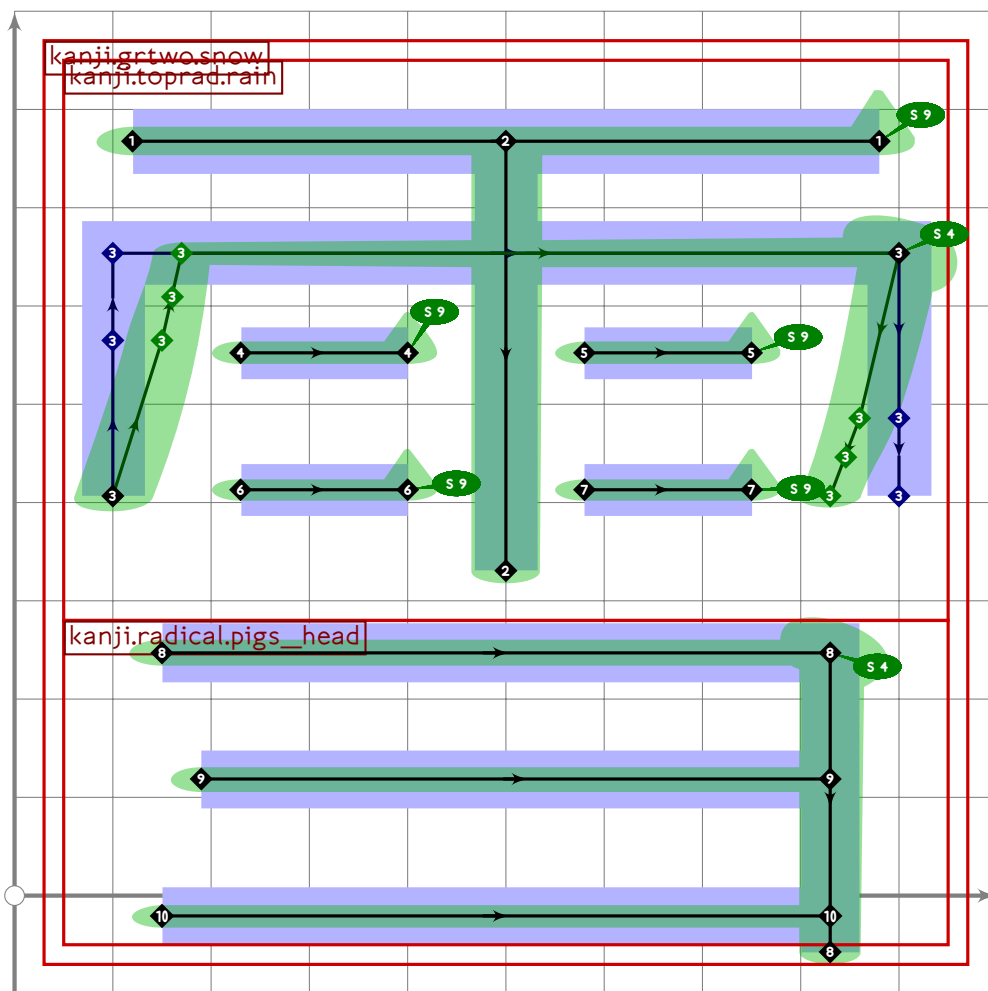
```

1026
1027 vardef kanji.grtwo.shop =
1028   push_pbox_toexpand("kanji.grtwo.shop");
1029   build_kanji.dotcliff_enclose(kanji.greight.divination);
1030   expand_pbox;
1031 enddef;

```

U+96EA
tsuku.uni96EA

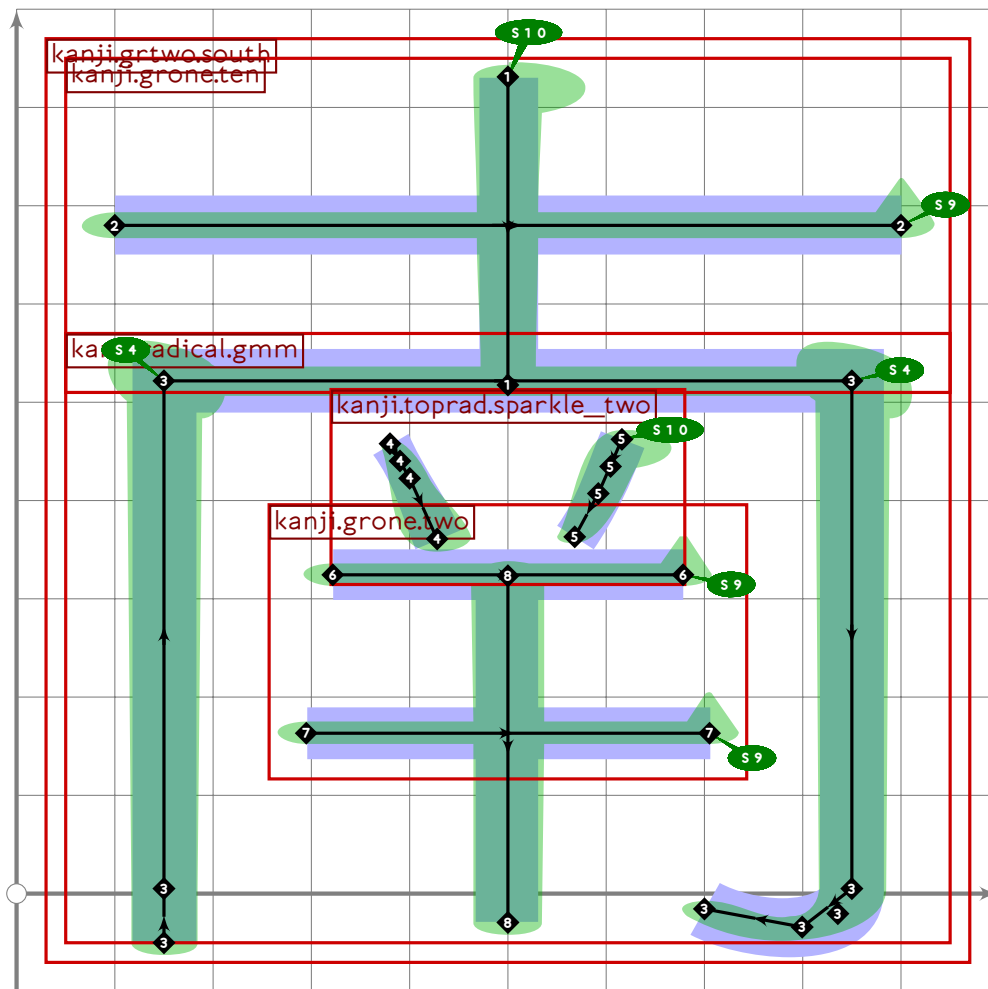
TWO



```

1032
1033 vardef kanji.grtwo.snow =
1034   push_pbox_toexpand("kanji.grtwo.snow");
1035   build_kanji.tb(280,0)
1036     (kanji.toprad.rain)
1037     (kanji.radical.pigs_head);
1038   expand_pbox;
1039 enddef;

```

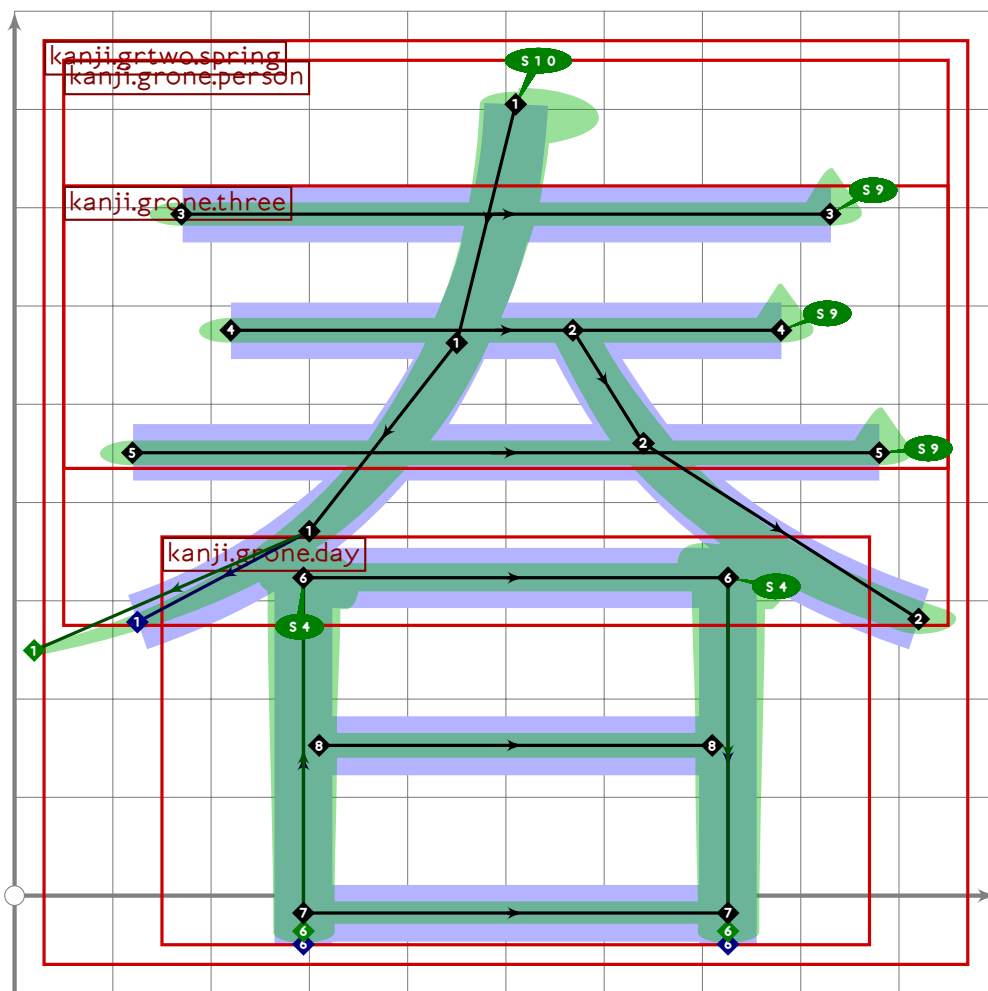
TWO

```

1040
1041 vardef kanji.grtwo.south =
1042   push_pbox__toexpand("kanji.grtwo.south");
1043   build_kanji.tb(540,60)
1044     (kanji.grone.ten)
1045     (perl_structure:=perl_structure&
1046       "eids.u2FF5._3.u2FF1.1_2.u2FFB.2_1.3_";
1047     kanji.radical.gmm;
1048     build_kanji.sscale(xyscaled (0.4,0.32) shifted (0,230))
1049     (kanji.toprad.sparkle_two);
1050     build_kanji.sscale(xyscaled (0.54,0.45))(kanji.grone.two);
1051     push_stroke((500,492)-(500,20),(1.6,1.6)-(1.5,1.5));
1052   );
1053   expand__pbox;
1054 enddef;

```

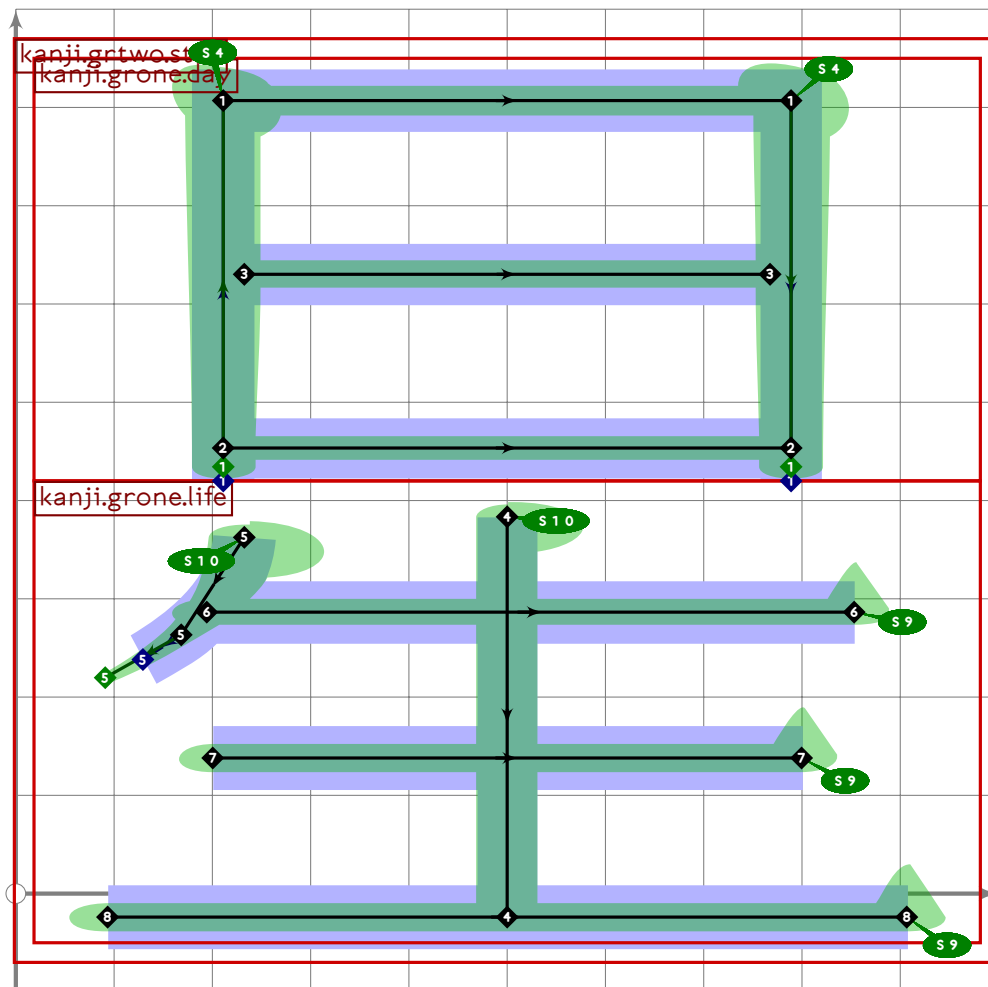
TWO



```

1055
1056 vardef kanji.grtwo.spring =
1057   push_pbox_toexpand("kanji.grtwo.spring");
1058   build_kanji.tb(320,90)
1059   (perl_structure:=perl_structure&"eids.u2FFB._2.1_1";
1060    kanji.grone.person;
1061    build_kanji.sscale(xyscaled (1,0.5) shifted (0,30))
1062    (kanji.grone.three);
1063    replace_stroke(-3)
1064    (subpath (xpart (oldp intersectiontimes get_stroke(-1)),infinity)
1065     of oldp))
1066    (build_kanji.sscale(xscaled 0.8 shifted (10,0))
1067     (kanji.grone.day));
1068   expand_pbox;
1069 enddef;

```



TWO

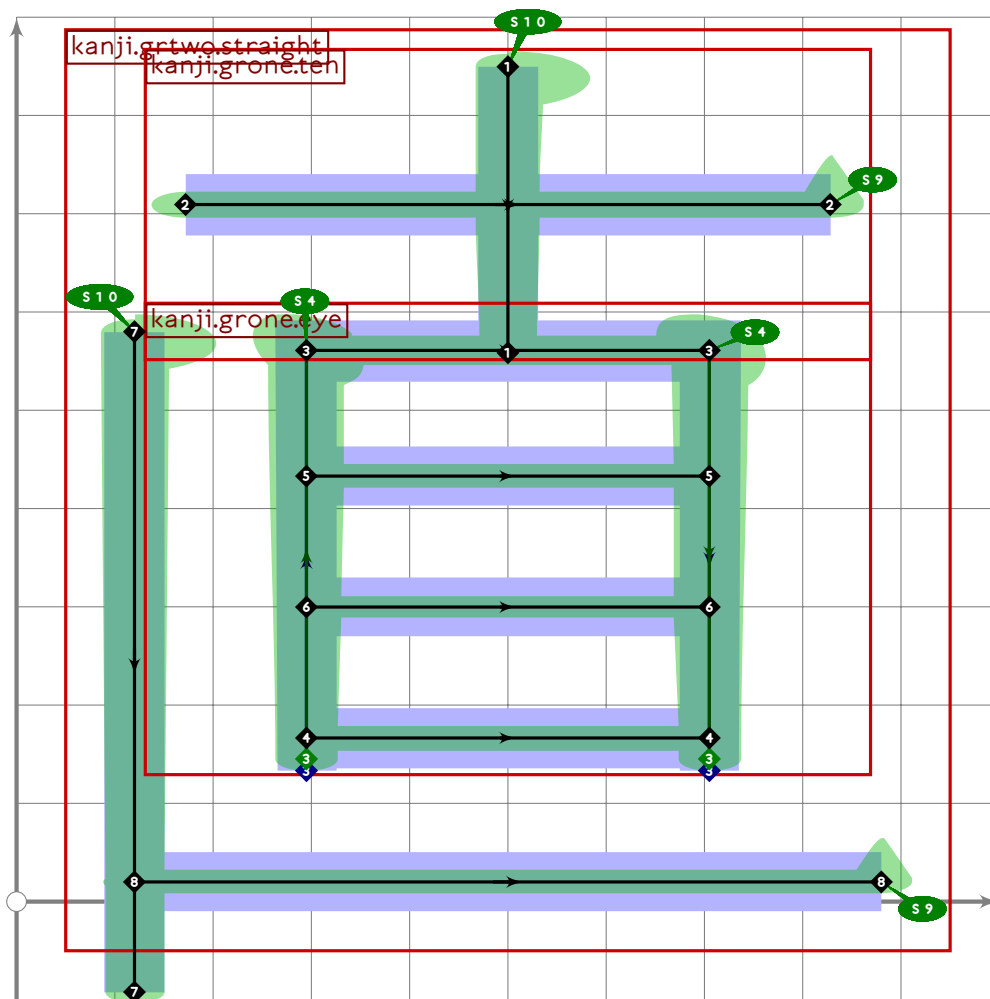
```

1070
1071 vardef kanji.grtwo.star =
1072   push_pbox_toexpand("kanji.grtwo.star");
1073   build_kanji.sscale(xscaled 1.07)(build_kanji.tb(420,0)
1074     (kanji.grone.day)
1075     (kanji.grone.life));
1076   expand_pbox;
1077 enddef;

```

U+76F4
tsuku.uni76F4

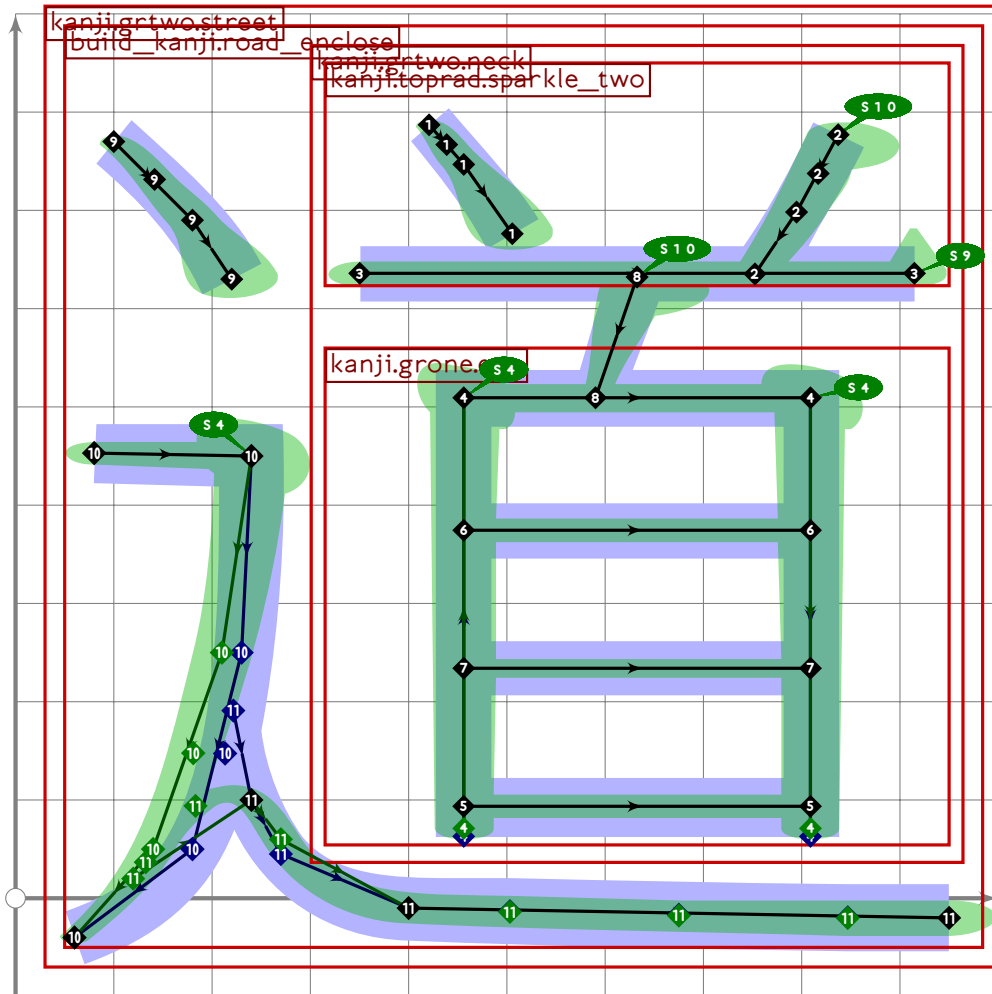
TWO



```

1078
1079 vardef kanji.grtwo.straight =
1080   push_pbox_toexpand("kanji.grtwo.straight");
1081   build_kanji.level(
1082     build_kanji.sscale(scaled 0.82 shifted (0,100))
1083     (build_kanji.tb(500,70)
1084       (kanji.grone.ten)
1085       (kanji.grone.ey));
1086   build_kanji.cup((120,580),(880,20));
1087   set_bosize(-1,0);
1088   set_boserif(0,1,9);
1089 );
1090 expand_pbox;
1091 enddef;

```



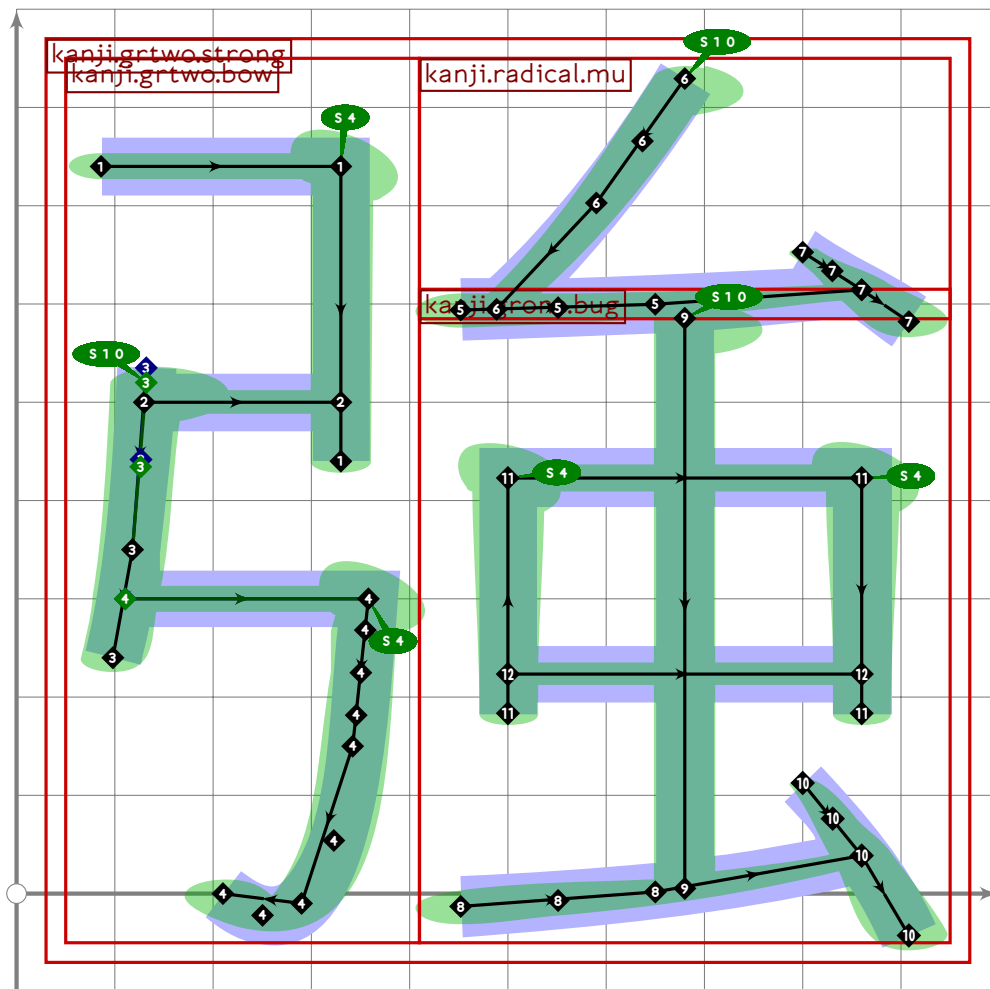
TWO

```

1092
1093 vardef kanji.grtwo.street =
1094   push_pbox_toexpand("kanji.grtwo.street");
1095   build_kanji.road_enclose(kanji.grtwo.neck);
1096   expand_pbox;
1097 enddef;

```

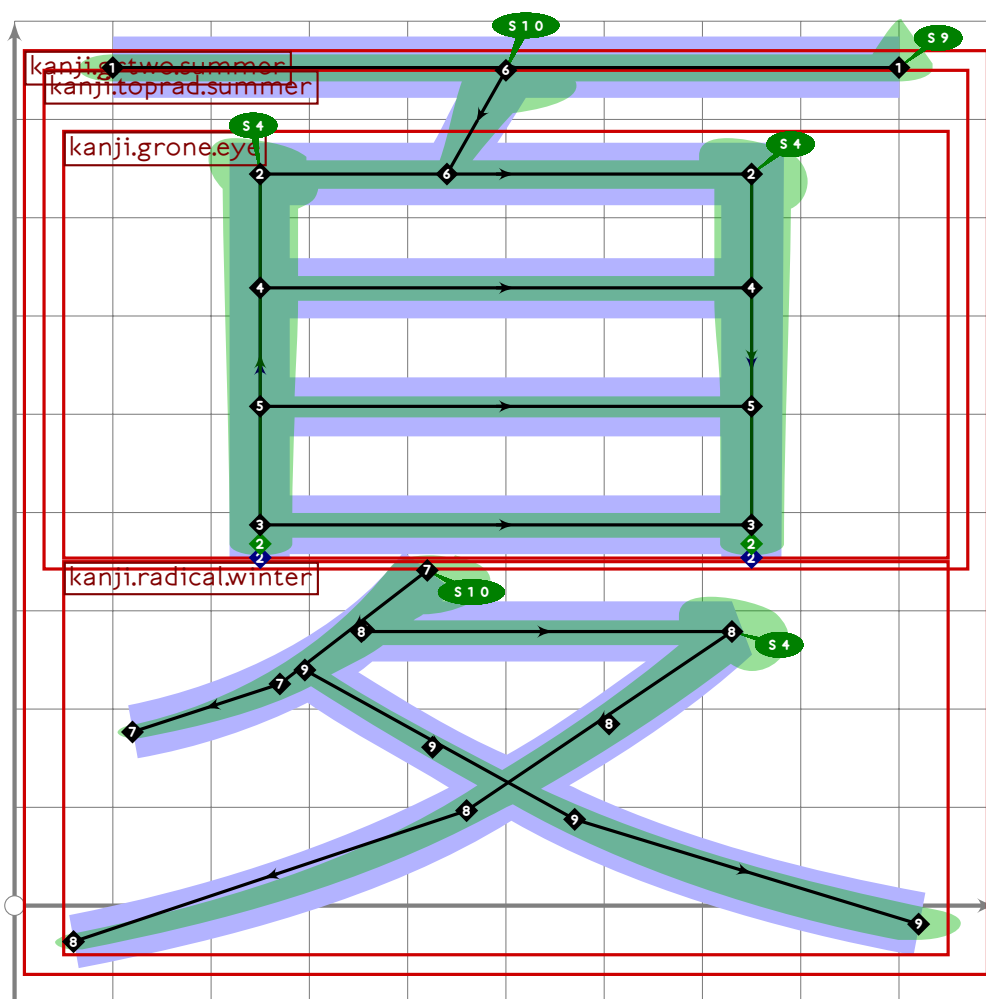
TWO



```

1098
1099 vardef kanji.grtwo.strong =
1100   push_pbox_toexpand("kanji.grtwo.strong");
1101   build_kanji.level(build_kanji.lr(410,0)
1102     (kanji.grtwo.bow)
1103     (build_kanji.tb(600,30)
1104       (kanji.radical.mu)
1105       (kanji.grone.bug)));
1106   expand_pbox;
1107 enddef;

```



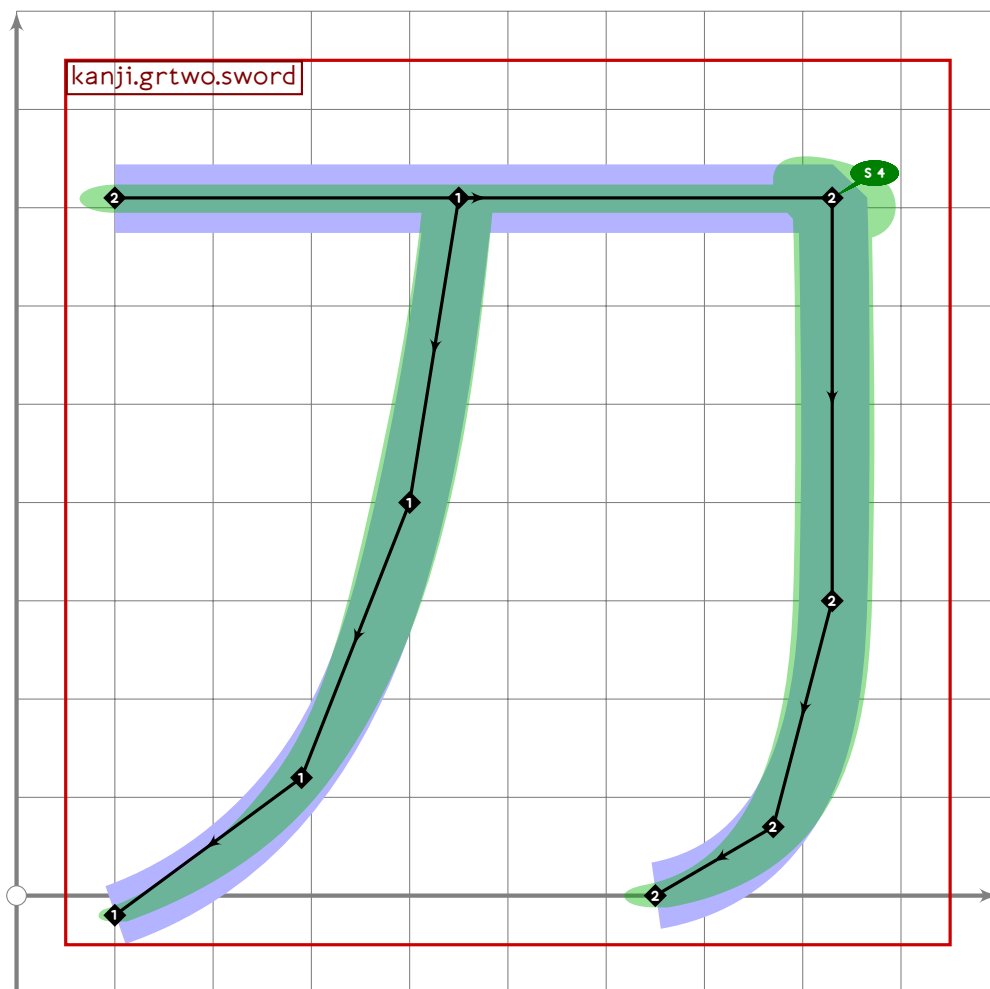
TWO

```

1108
1109 vardef kanji.grtwo.summer =
1110   push_pbox_toexpand("kanji.grtwo.summer");
1111   build_kanji.level(build_kanji.tb(350,0)
1112     (kanji.toprad.summer)
1113     (kanji.radical.winter));
1114   expand_pbox;
1115 enddef;

```

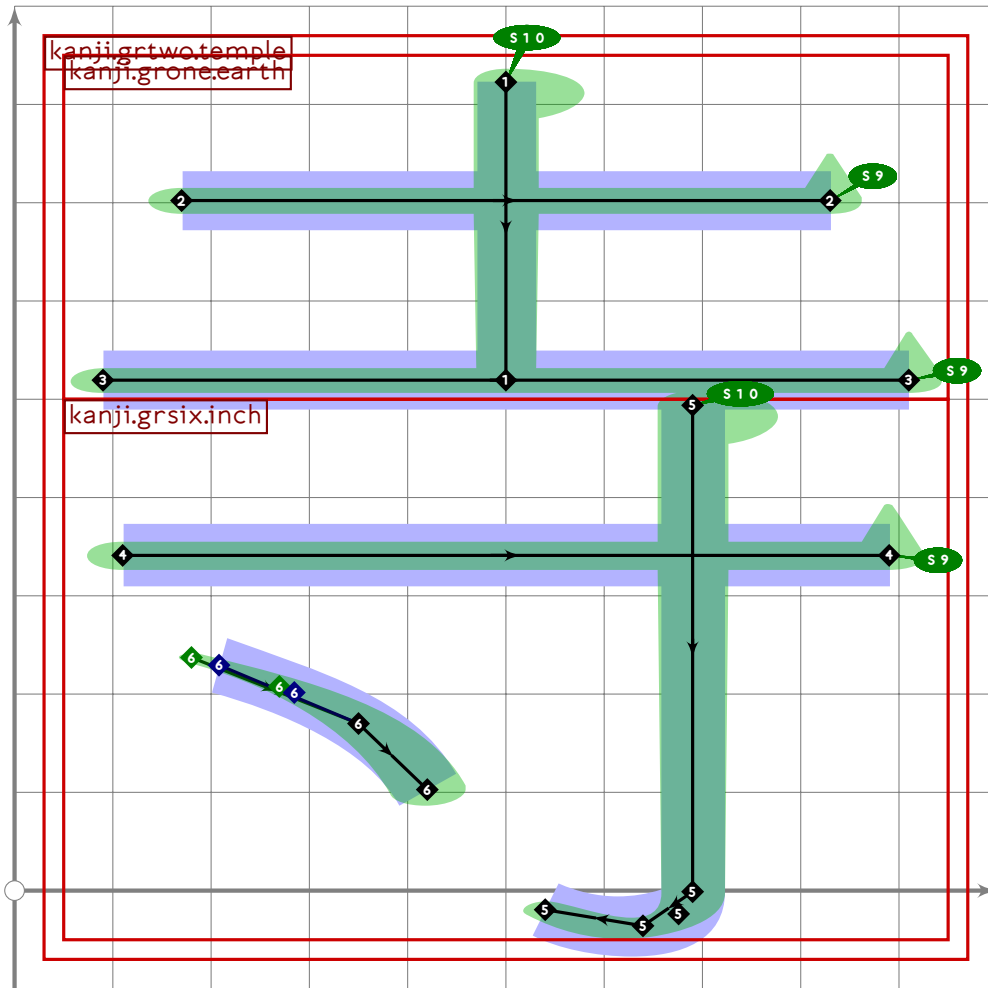
TWO



```

1116
1117 vardef kanji.grtwo.sword =
1118   push_pbox__toexpand("kanji.grtwo.sword");
1119   push_stroke((450,710)..(400,400)..(290,120)..(100,-20),
1120     (1.5,1.5)-(1.6,1.6)-(1.3,1.3)-(1,1));
1121   push_stroke(
1122     (100,710)-(830,710)..tension 1.1..(830,300)..(770,70)..(650,0),
1123     (1.5,1.5)-(1.6,1.6)-(1.6,1.6)-(1.6,1.6)-(1.4,1.4));
1124   set_botip(0,1,0);
1125   set_boserif(0,1,4);
1126   expand_pbox;
1127 enddef;

```

TWO

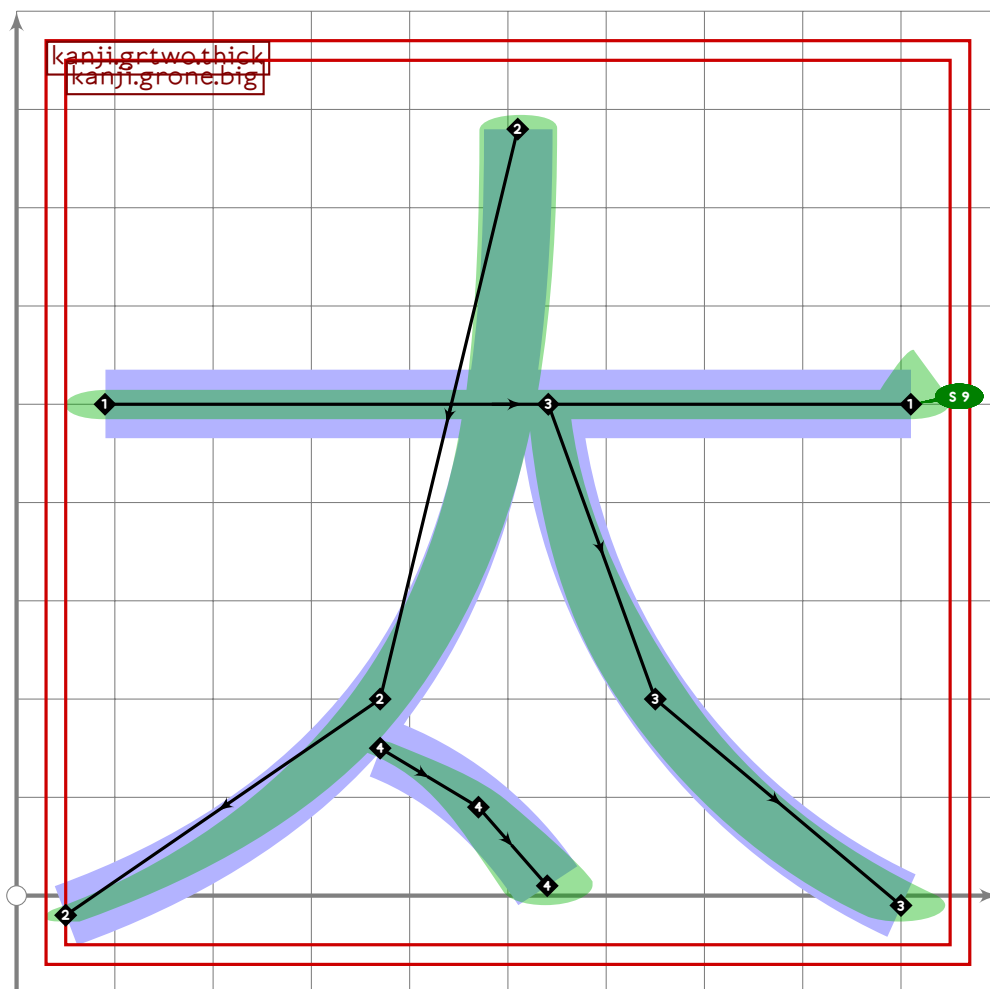
```

1128
1129 vardef kanji.grtwo.temple =
1130   push_pbox_toexpand("kanji.grtwo.temple");
1131   build_kanji.tb(500,0)
1132     (kanji.grone.earth)
1133     (kanji.grsix.inch;
1134       replace_strokep(-1)((point 0 of oldp)+(0,60))
1135       -(subpath (1,infinity) of oldp)));
1136   expand_pbox;
1137 enddef;

```

U+592A
tsuku.uni592A

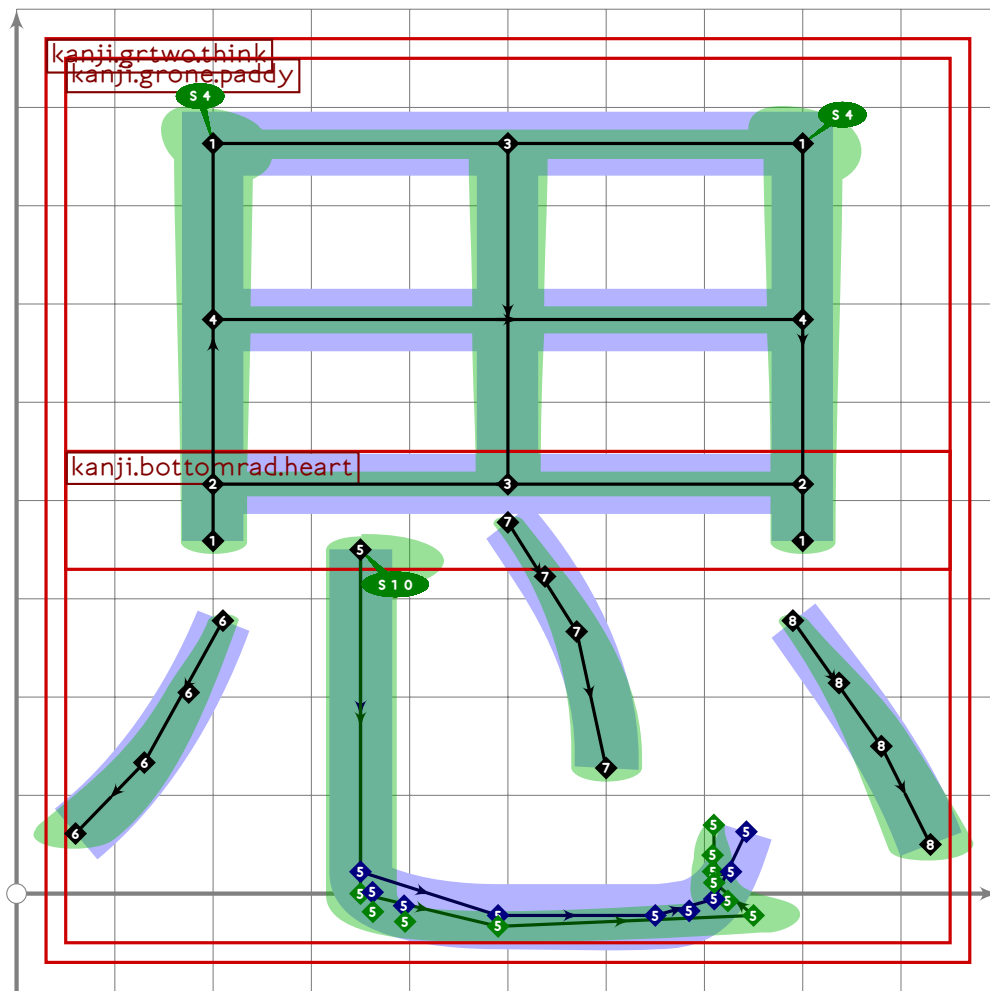
TWO



```

1138
1139 vardef kanji.grtwo.thick =
1140   push_pbox_toexpand("kanji.grtwo.thick");
1141   kanji.grone.big;
1142   push_stroke((370,150)..(470,90)..(540,10),
1143     (1,1)-(14,14)-(18,18));
1144   expand_pbox;
1145 enddef;

```



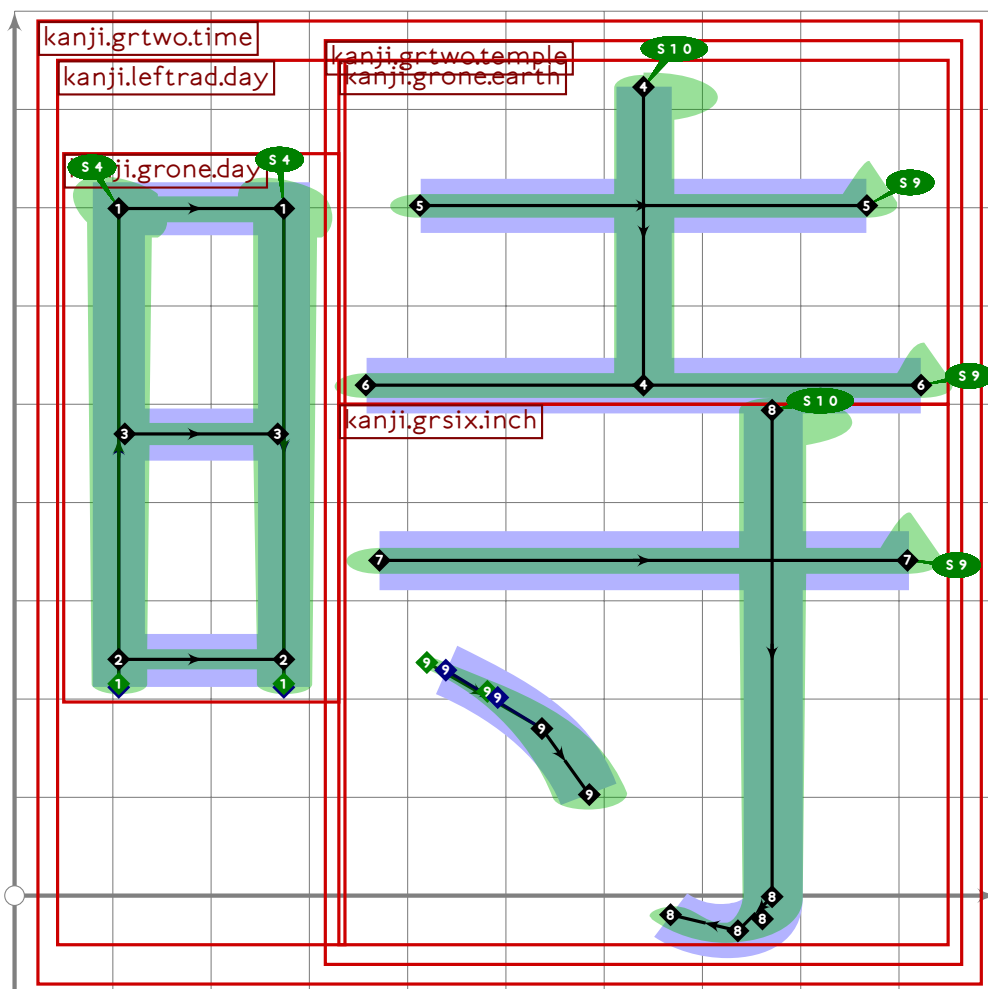
TWO

```

1146
1147 vardef kanji.grtwo.think =
1148   push_pbox__toexpand("kanji.grtwo.think");
1149   build_kanji.level(build_kanji.tb(390,120)
1150     (kanji.grone.paddy)
1151     (kanji.bottomrad.heart));
1152   expand_pbox;
1153 enddef;

```

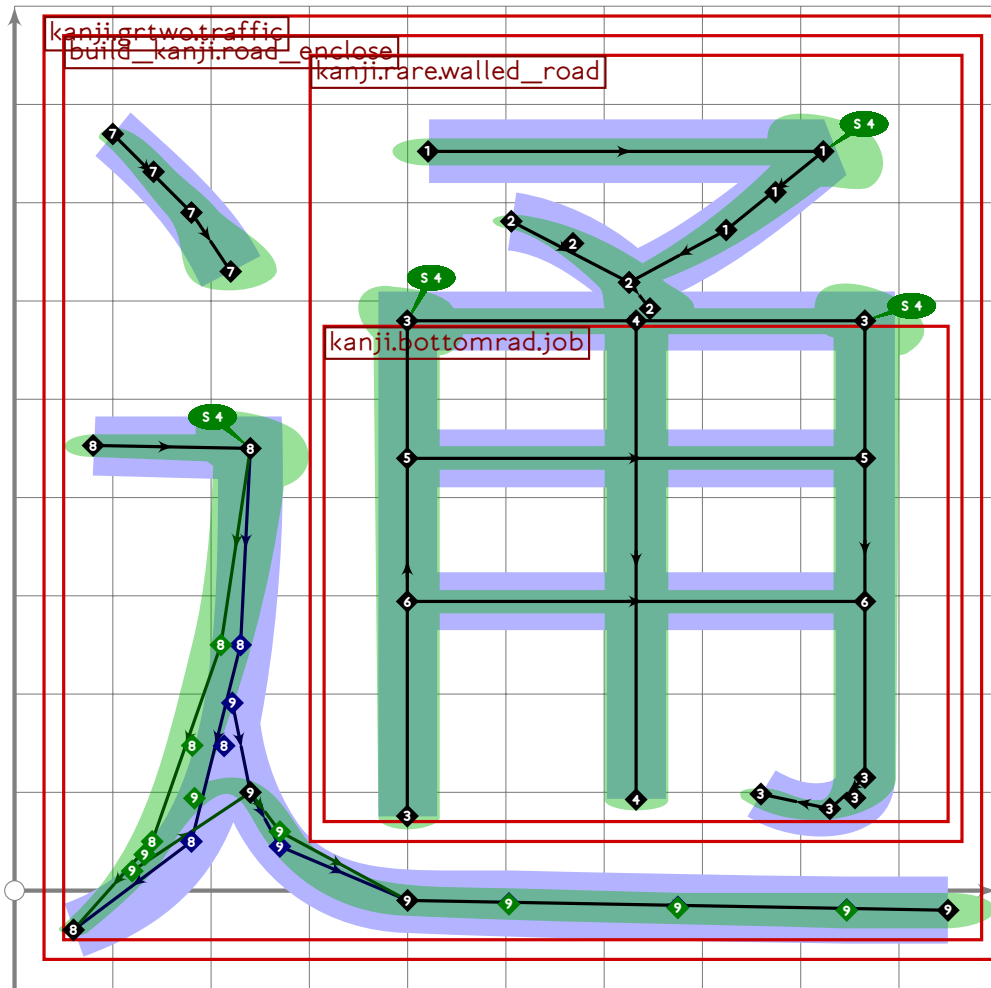
TWO



```

1154
1155 vardef kanji.grtwo.time =
1156   push_pbox_toexpand("kanji.grtwo.time");
1157   build_kanji.lr(330,0)
1158     (kanji.leftrad.day)
1159     (kanji.grtwo.temple);
1160   expand_pbox;
1161 enddef;

```



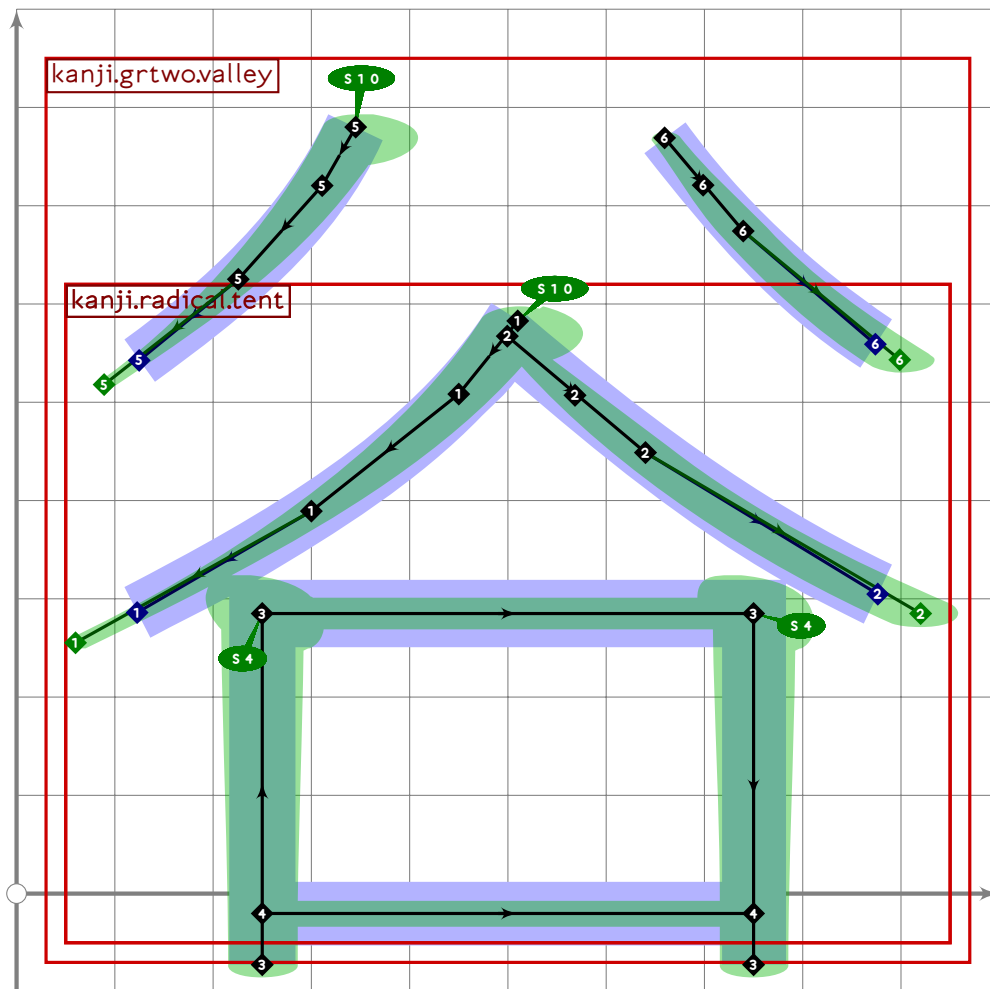
TWO

```

1162
1163 vardef kanji.grtwo.traffic =
1164   push_pbox__toexpand("kanji.grtwo.traffic");
1165   build_kanji.road_enclose(kanji.rare.walled_road);
1166   expand_pbox;
1167 enddef;

```

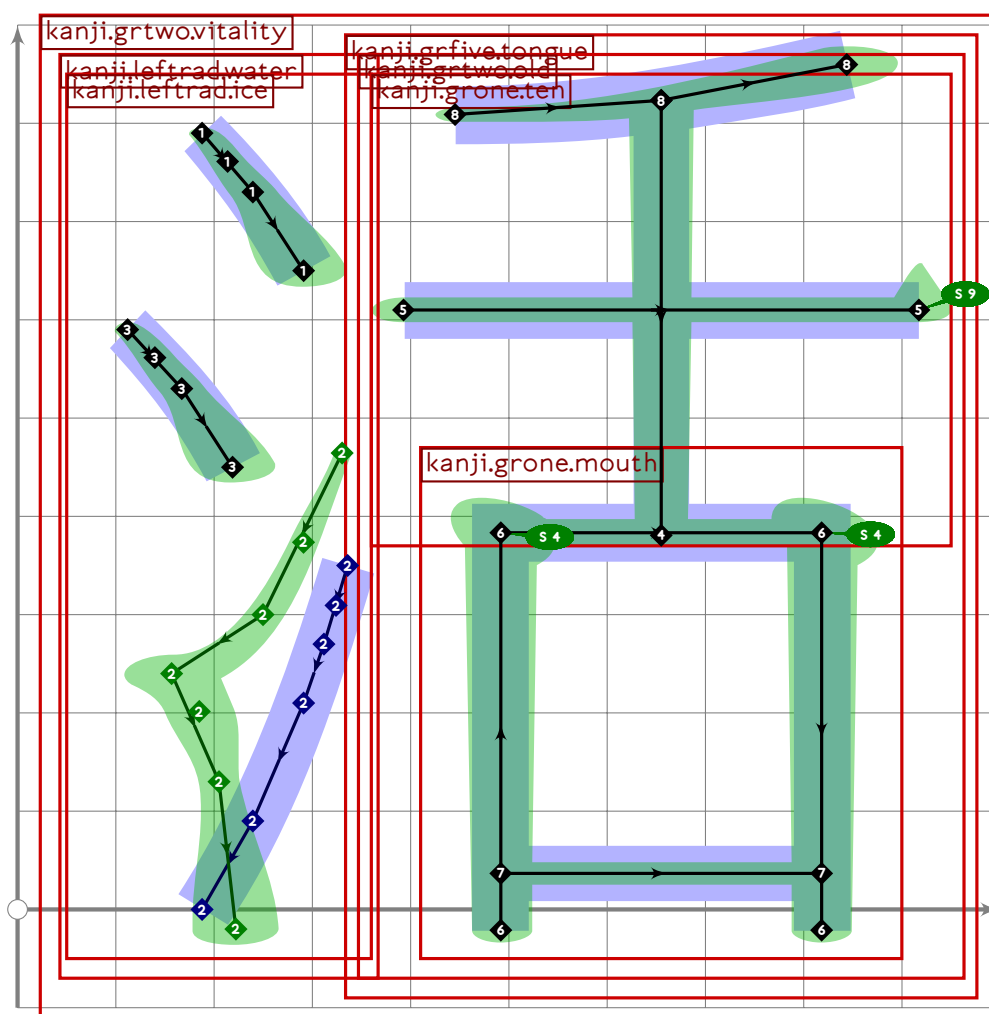
TWO



```

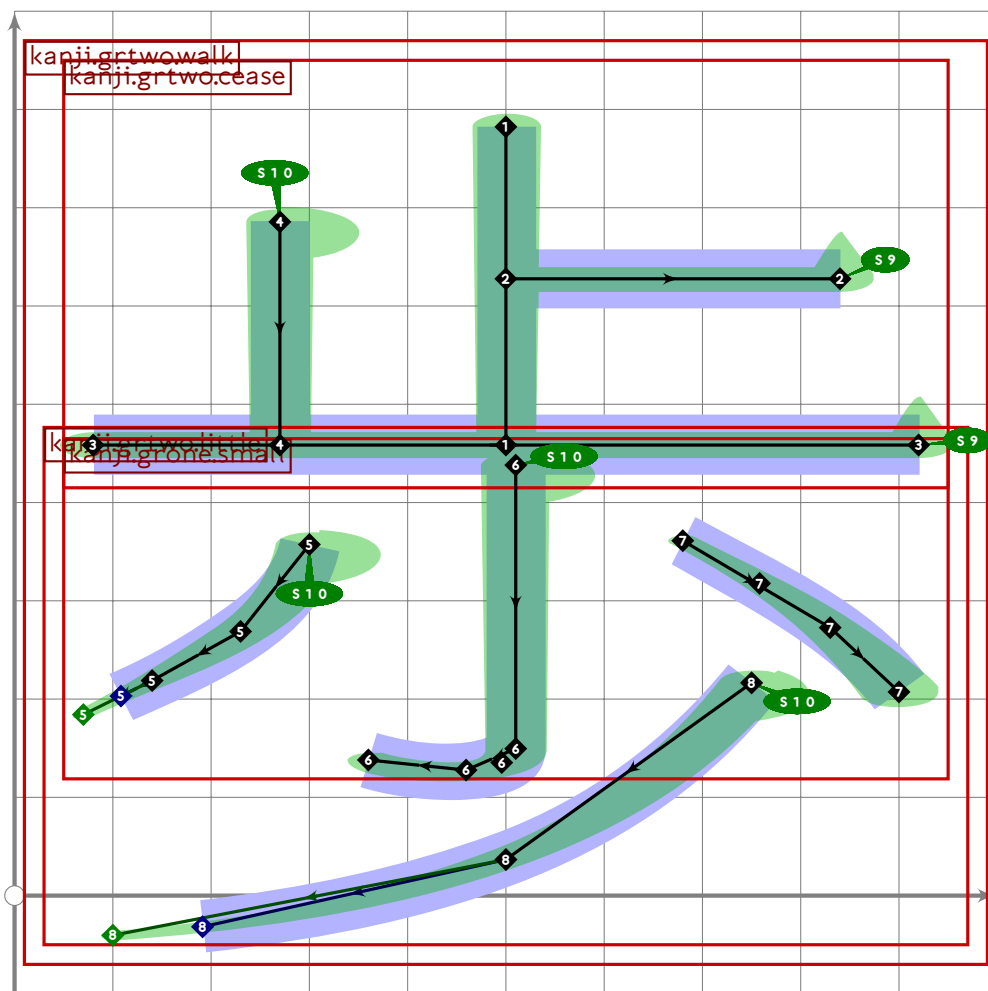
1168
1169 vardef kanji.grtwovalley =
1170   push_pbox_toexpand("kanji.grtwovalley");
1171   build_kanji.harmonic(230,0.8,260)(build_kanji.level(
1172     kanji.radical.tent;
1173     pop_stroke;
1174     build_kanji.box((250,400),(750,-10));
1175   ));
1176   expand_pbox;
1177 enddef;

```



TWO

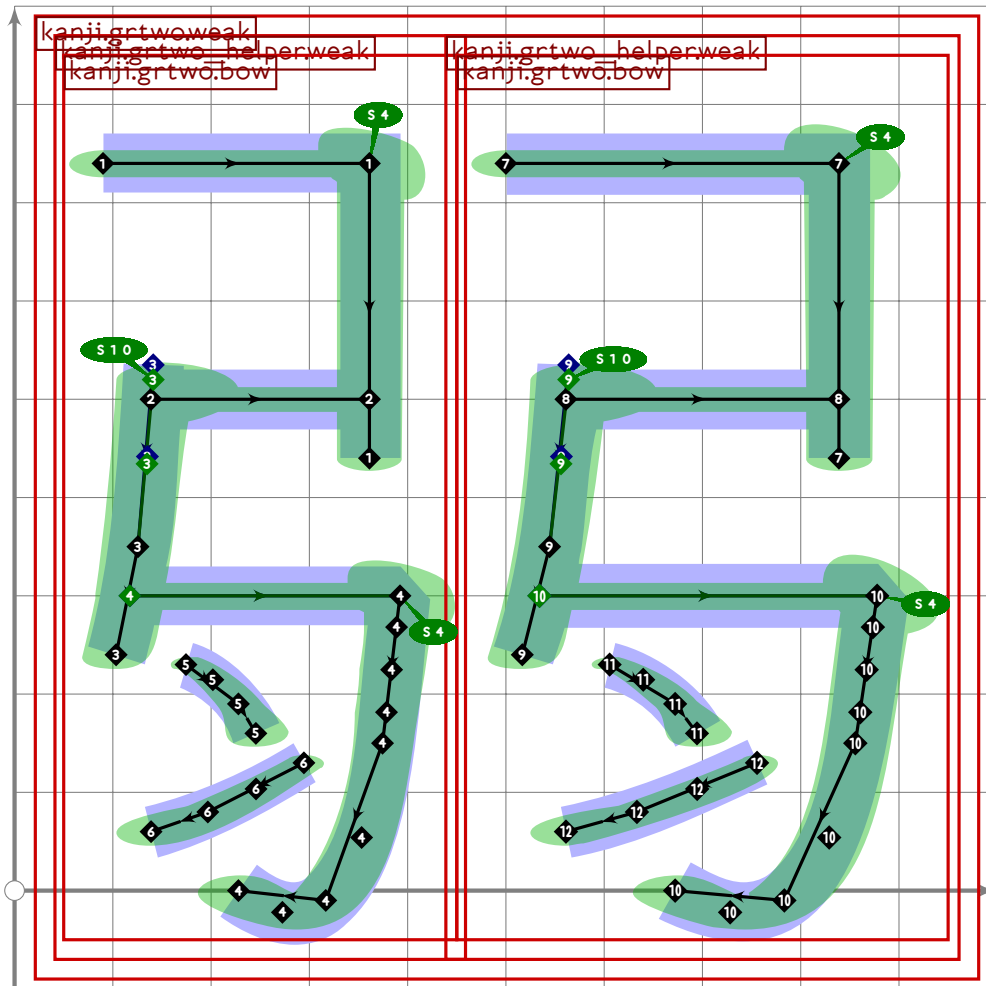
TWO



```

1186
1187 vardef kanji.grtwo.walk =
1188   push_pbox_toexpand("kanji.grtwo.walk");
1189   build_kanji.level(build_kanji.tb(440,50)
1190     (kanji.grtwo.cease)
1191     (kanji.grtwo.little));
1192   expand_pbox;
1193 enddef;

```

TWO

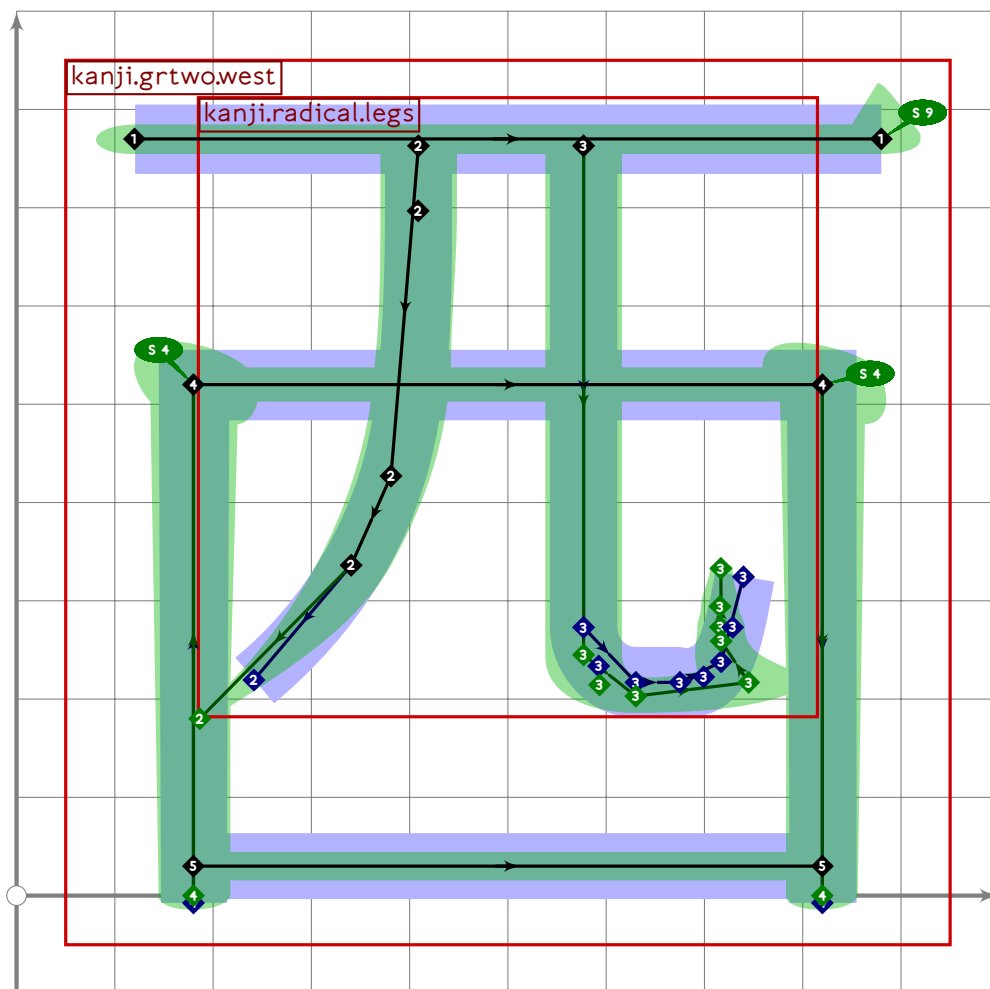
```

1194
1195 vardef kanji.grtwo.weak =
1196   push_pbox_toexpand("kanji.grtwo.weak");
1197   build_kanji.lr(450,0)
1198     (kanji.grtwo_helperweak)
1199     (kanji.grtwo_helperweak);
1200   expand_pbox;
1201 enddef;
1202
1203 vardef kanji.grtwo_helperweak =
1204   push_pbox_toexpand("kanji.grtwo_helperweak");
1205   kanji.grtwo.bow;
1206   push_stroke((330,230)..tension 1.2..(450,190)..(490,160),
1207     (1.2,1.2)-(1.4,1.4)-(1.8,1.8));
1208   set_bosize(0,80);
1209   push_stroke((600,130)..tension 1.2..(380,80)..(250,60),
1210     (1.3,1.3)-(1.6,1.6)-(1.9,1.9));
1211   set_bosize(0,80);
1212   expand_pbox;
1213 enddef;

```

U+897F
tsuku.uni897F

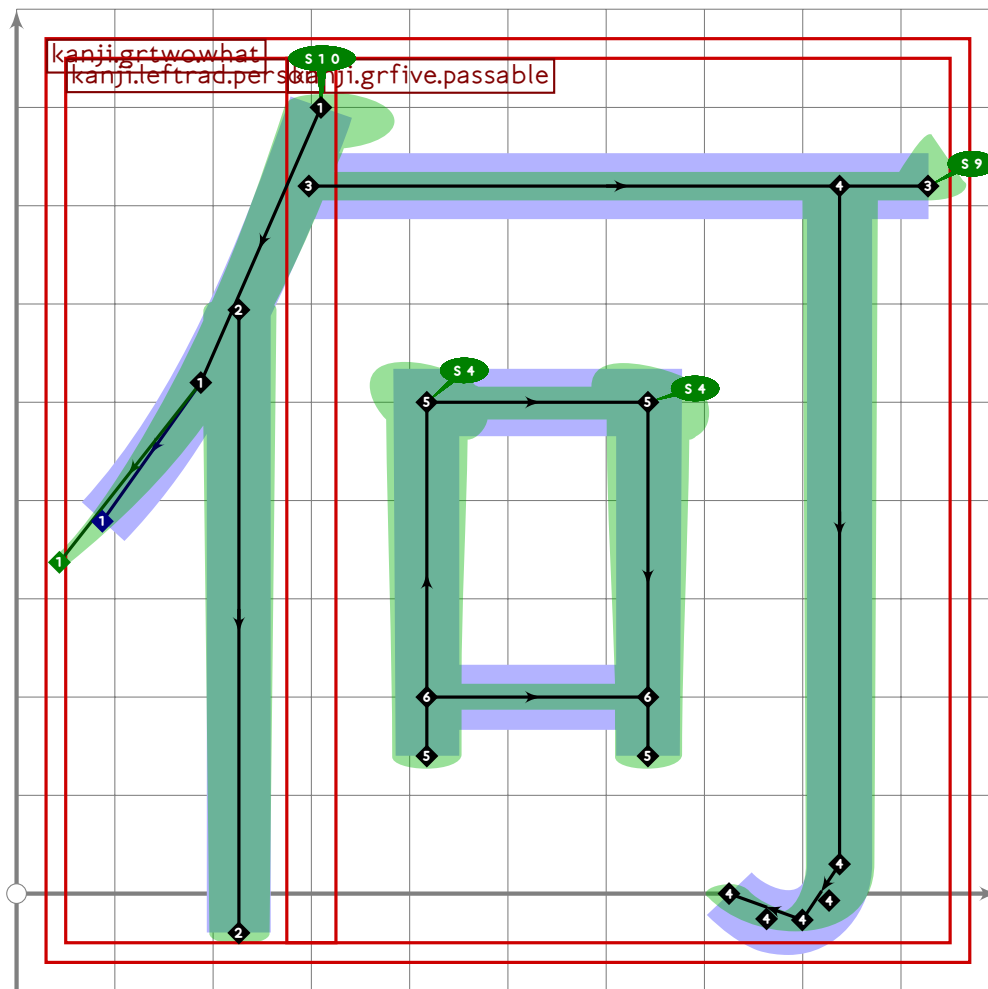
TWO



```

1214
1215 vardef kanji.grtwo.west =
1216   push_pbox__toexpand("kanji.grtwo.west");
1217   push_stroke((120,770)-(880,770),(1.6,1.6)-(1.6,1.6));
1218   set_boserif(0,19);
1219   build_kanji.sscale(scaled 0.7 shifted (0,100))
1220     (kanji.radical.legs);
1221   build_kanji.box((180,520),(820,30));
1222   expand_pbox;
1223 enddef;

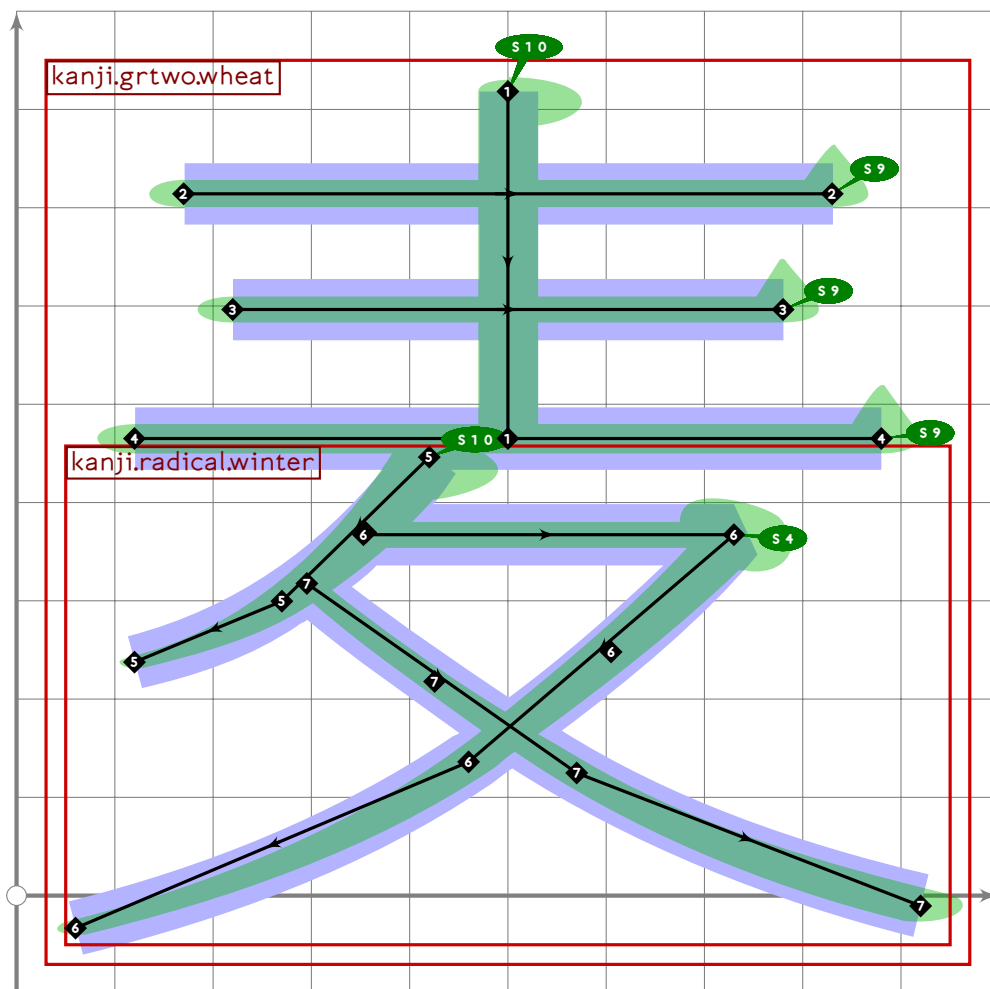
```



TWO

U+9EA6
tsuku.uni9EA6

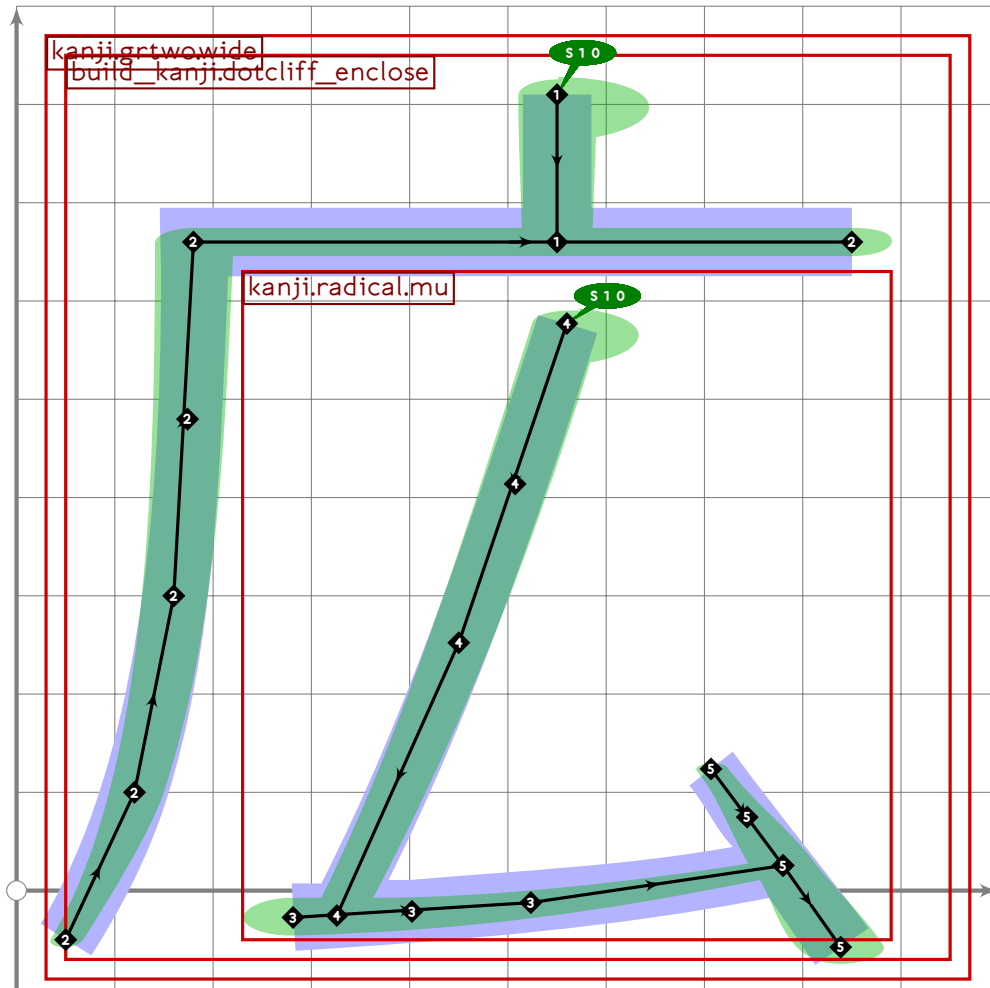
TWO



```

1232
1233 vardef kanji.grtwowheat =
1234   push_pbox_toexpand("kanji.grtwowheat");
1235   build_kanji.level(build_kanji.tb(450,15)
1236     (push_stroke((500,780)-(500,0),
1237       (1.5,1.5)-(1.4,1.4));
1238     set_boserif(0,0,10);
1239     push_stroke((170,550)-(830,550),
1240       (1.6,1.6)-(1.6,1.6));
1241     set_boserif(0,1,9);
1242     push_stroke((220,290)-(780,290),
1243       (1.6,1.6)-(1.6,1.6));
1244     set_boserif(0,1,9);
1245     push_stroke((120,0)-(880,0),
1246       (1.7,1.7)-(1.7,1.7));
1247     set_boserif(0,1,9))
1248     (kanji.radical.winter));
1249   expand_pbox;
1250 enddef;

```



TWO

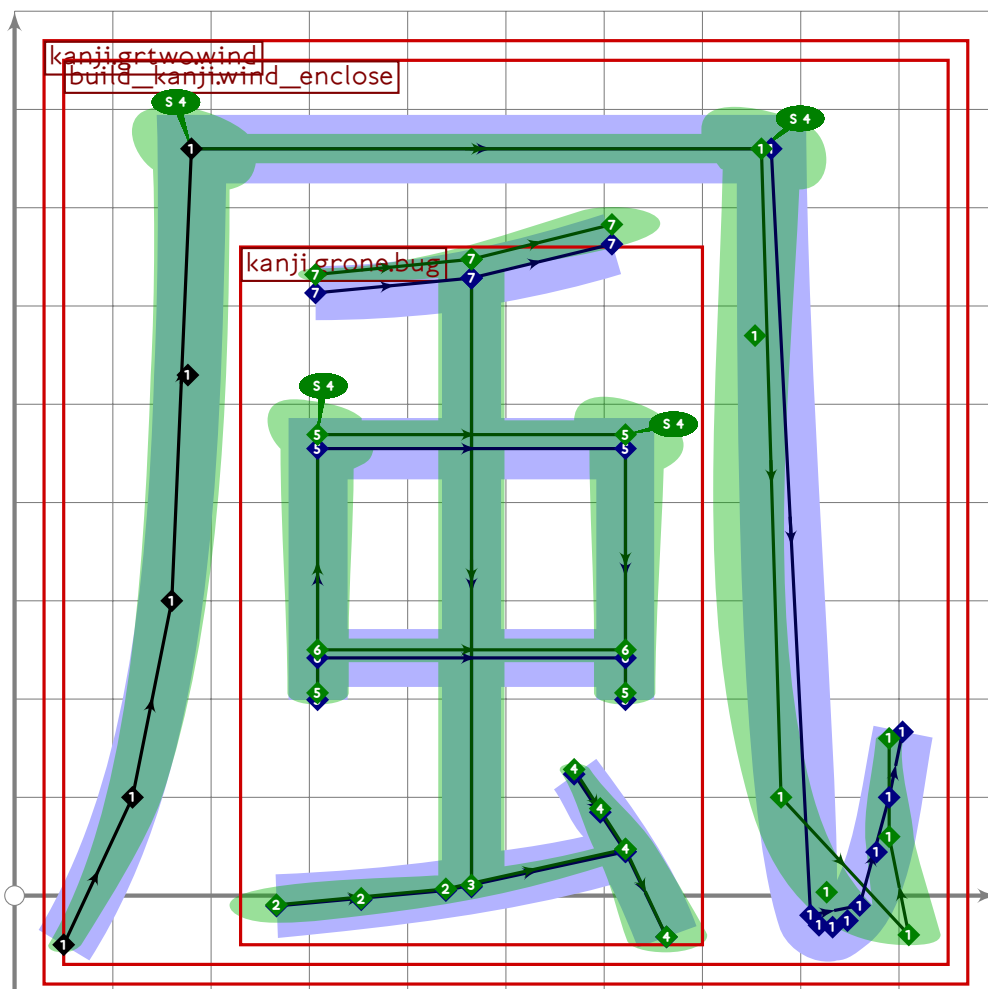
```

1251
1252 vardef kanji.grtwowide =
1253   push_pbox__toexpand("kanji.grtwowide");
1254   build_kanji.dotcliff_enclose(kanji.radical.mu);
1255   expand_pbox;
1256 enddef;

```

U+98A8
tsuku.uni98A8

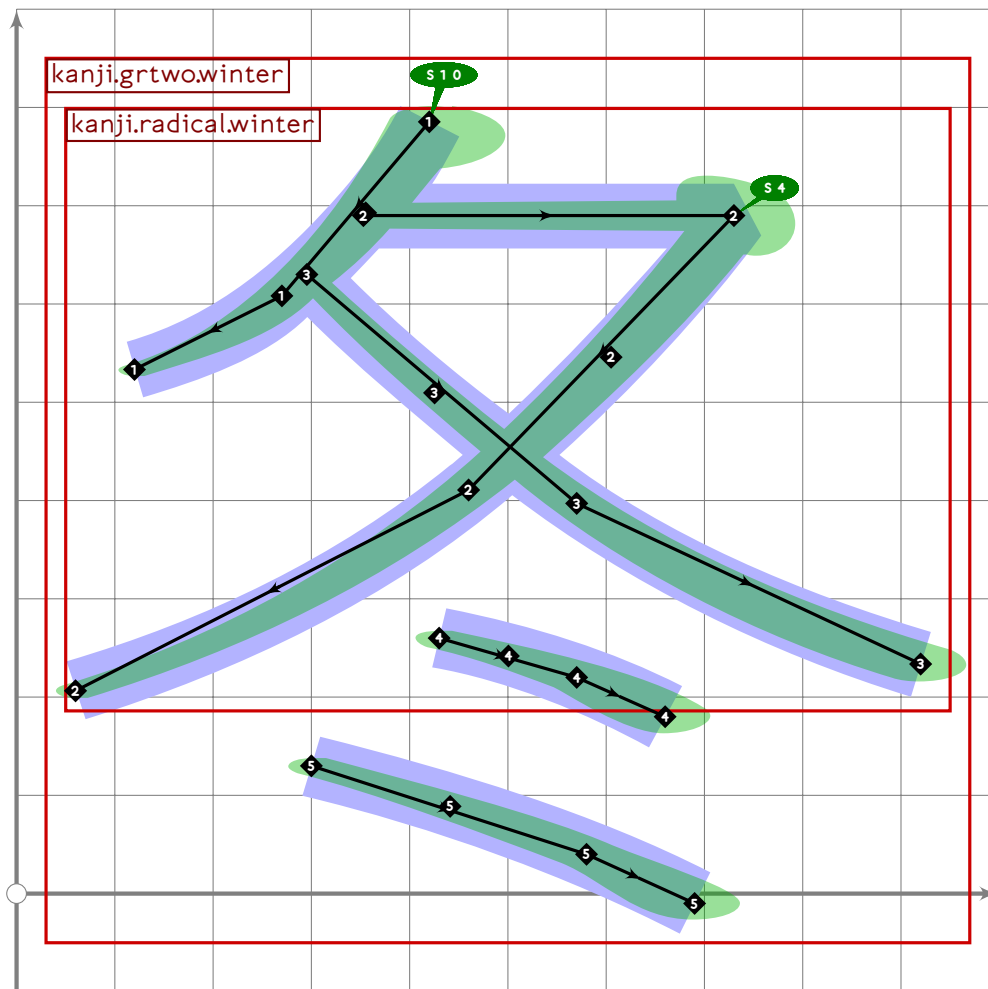
TWO



```

1257
1258 vardef kanji.grtwowind =
1259   push_pbox_toexpand("kanji.grtwowind");
1260   build_kanji.wind_enclose(build_kanji.add_beret(kanji.grone.bug));
1261   expand_pbox;
1262 enddef;

```



TWO

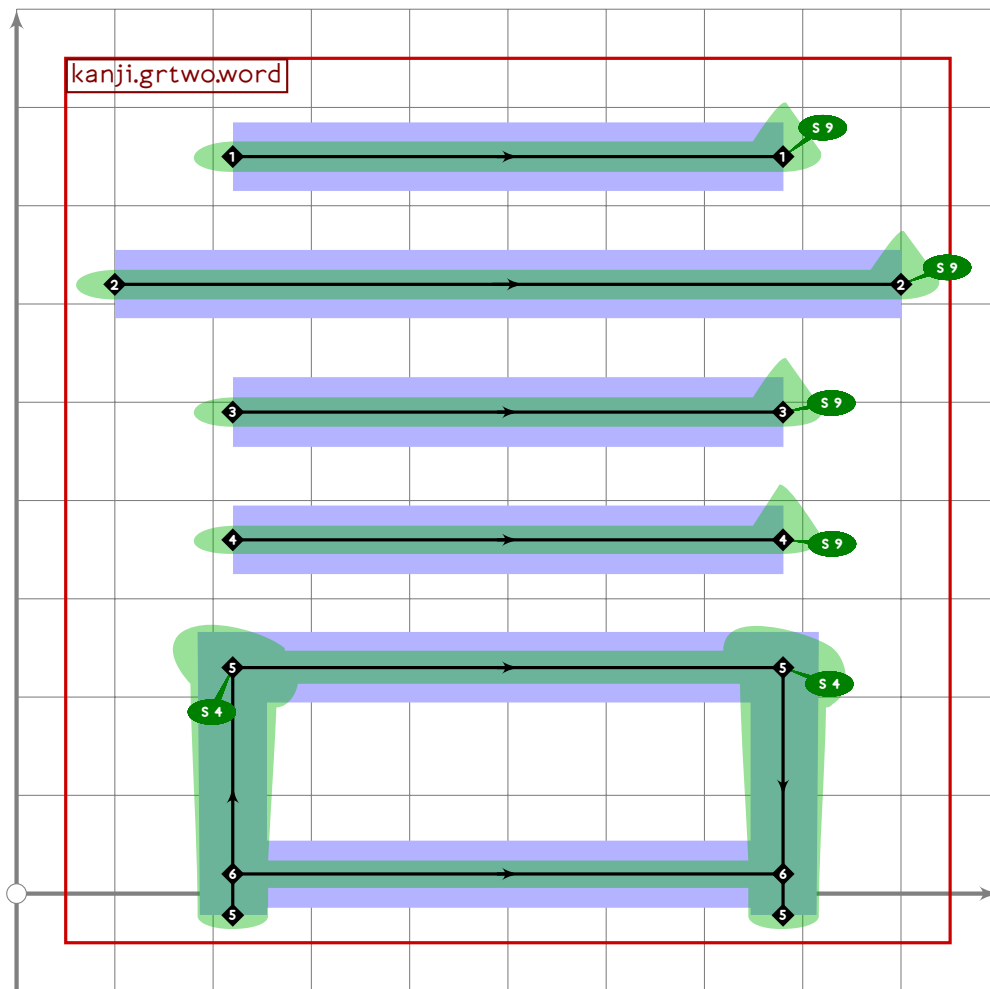
```

1263
1264 vardef kanji.grtwowinter =
1265   push_pbox_toexpand("kanji.grtwowinter");
1266   build_kanji.level(
1267     tsu_xform(begingroup
1268       save myxf;
1269       transform myxf;
1270       (0,690) transformed myxf=(0,690);
1271       (1000,690) transformed myxf=(1000,690);
1272       (500,0) transformed myxf=(500,220);
1273       myxf
1274     endgroup)(kanji.radical.winter);
1275   push_stroke((430,260)..tension 1.2..(570,220)..(660,180),
1276     (1.2,1.2)-(1.5,1.5)-(1.8,1.8));
1277   push_stroke((300,130)..tension 1.2..(580,40)..(690,-10),
1278     (1.2,1.2)-(1.5,1.5)-(1.8,1.8));
1279 );
1280 expand_pbox;
1281 enddef;

```

U+8A00
tsuku.uni8A00

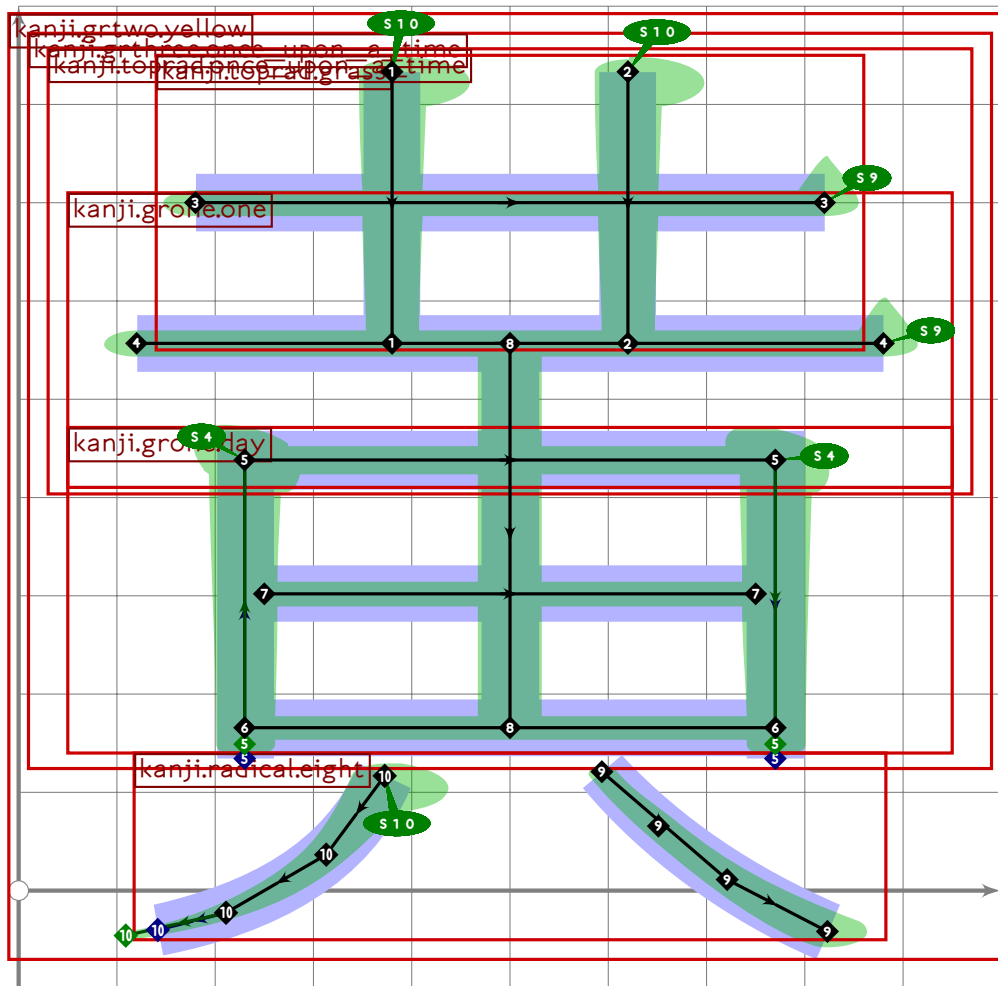
TWO



```

1282
1283 vardef kanji.grtwo.word =
1284   push_pbox_toexpand("kanji.grtwo.word");
1285   push_stroke((220,750)–(780,750),(1.6,1.6)–(1.6,1.6));
1286   set_boserif(0,19);
1287   push_stroke((100,620)–(900,620),(1.6,1.6)–(1.6,1.6));
1288   set_boserif(0,19);
1289   push_stroke((220,490)–(780,490),(1.6,1.6)–(1.6,1.6));
1290   set_boserif(0,19);
1291   push_stroke((220,360)–(780,360),(1.6,1.6)–(1.6,1.6));
1292   set_boserif(0,19);
1293   build_kanji.box((220,230),(780,20));
1294   expand_pbox;
1295 enddef;

```

TWO

```

1296
1297 vardef kanji.grtwo.yellow =
1298   push_pbox_toexpand("kanji.grtwo.yellow");
1299   build_kanji.level(build_kanji.tb(140,0)
1300     (kanji.grthree.once_upon_a_time;
1301       push_stroke((point 0.5 of get_stroke(-3))-
1302         (point 0.5 of get_stroke(-1)),
1303         (1.6,1.6)-(1.5,1.5)))
1304     (build_kanji.sscale(xscaled 0.85)(kanji.radical.eight)));
1305   expand_pbox;
1306 enddef;

```

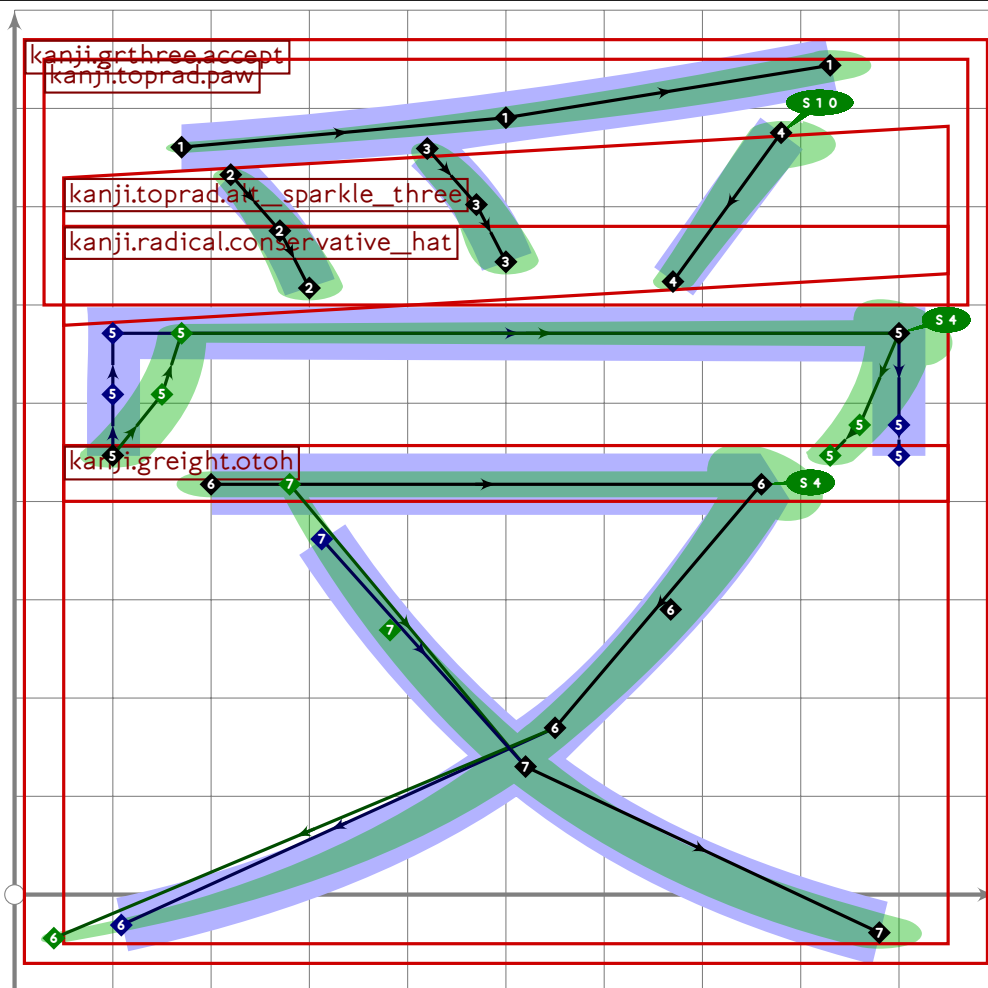
gradethree.mp

```

1 %
2 % Grade Three kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 inclusion_lock(gradethree);
32
33

```

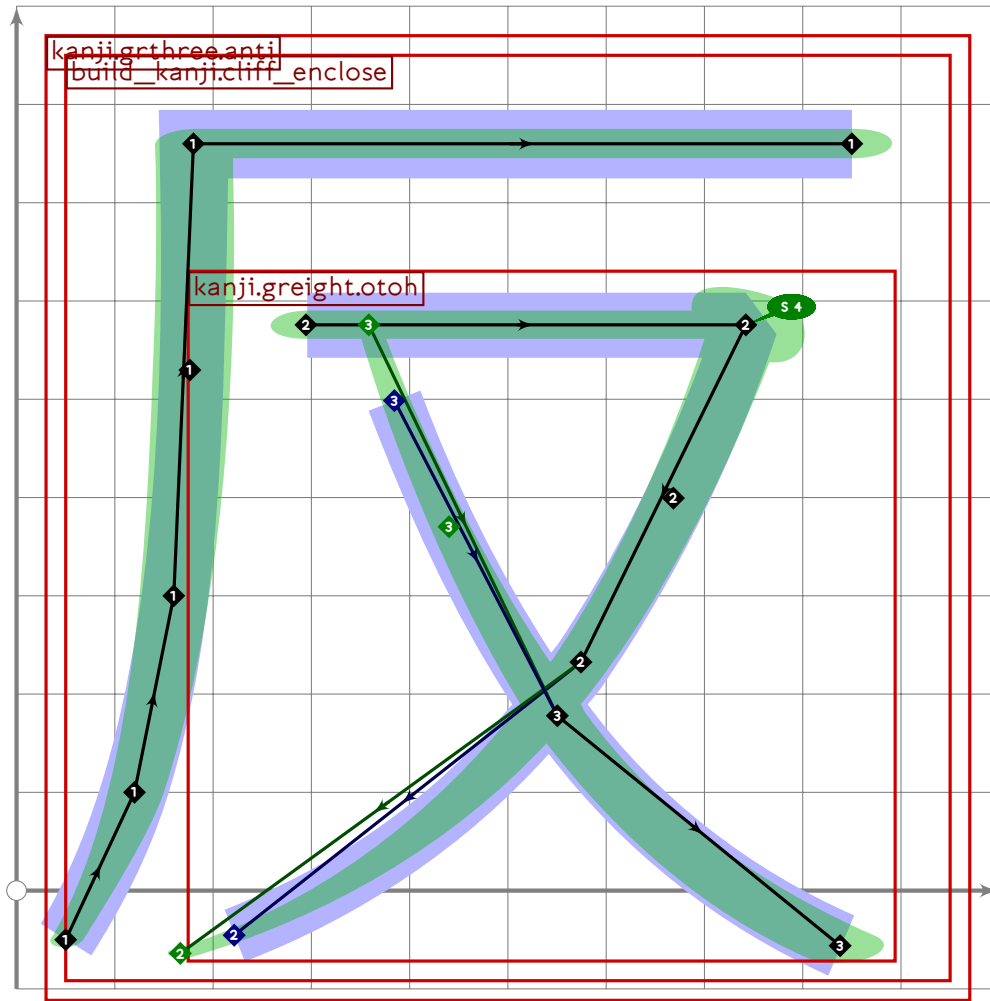
THRE



```

34
35 vardef kanji.grthree.accept =
36   push_pbox_toexpand("kanji.grthree.accept");
37   build_kanji.tb(640,80)
38     (kanji.toprad.paw)
39     (build_kanji.tb(540,70)
40       (kanji.radical.conservative_hat)
41       (kanji.greight.otoh));
42   expand_pbox;
43 enddef;

```



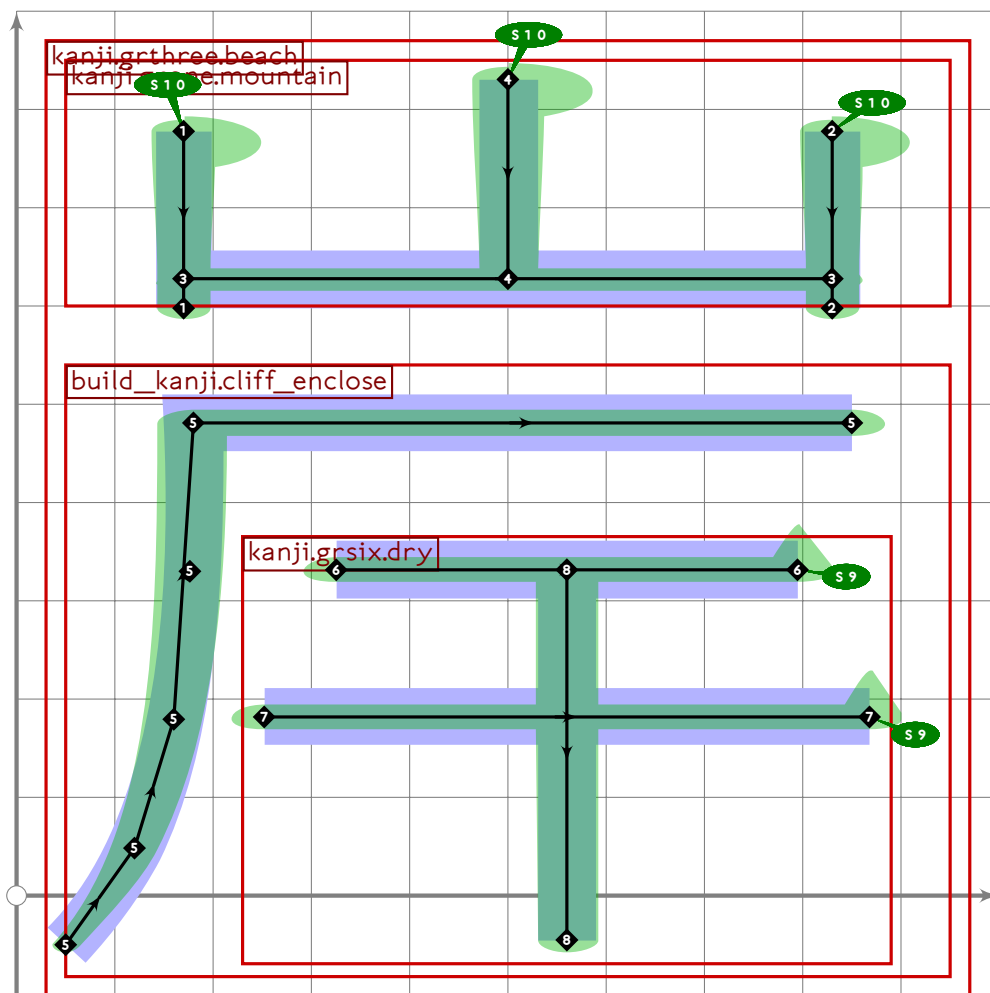
THRE

```

44
45 vardef kanji.grthree.anti =
46   push_pbox_toexpand("kanji.grthree.anti");
47   build_kanji.cliff_enclose
48     (tsu_xform(identity xyscaled (1.09,0.9) shifted (-80,30))
49       (kanji.greight.otoh));
50   expand_pbox;
51 enddef;

```

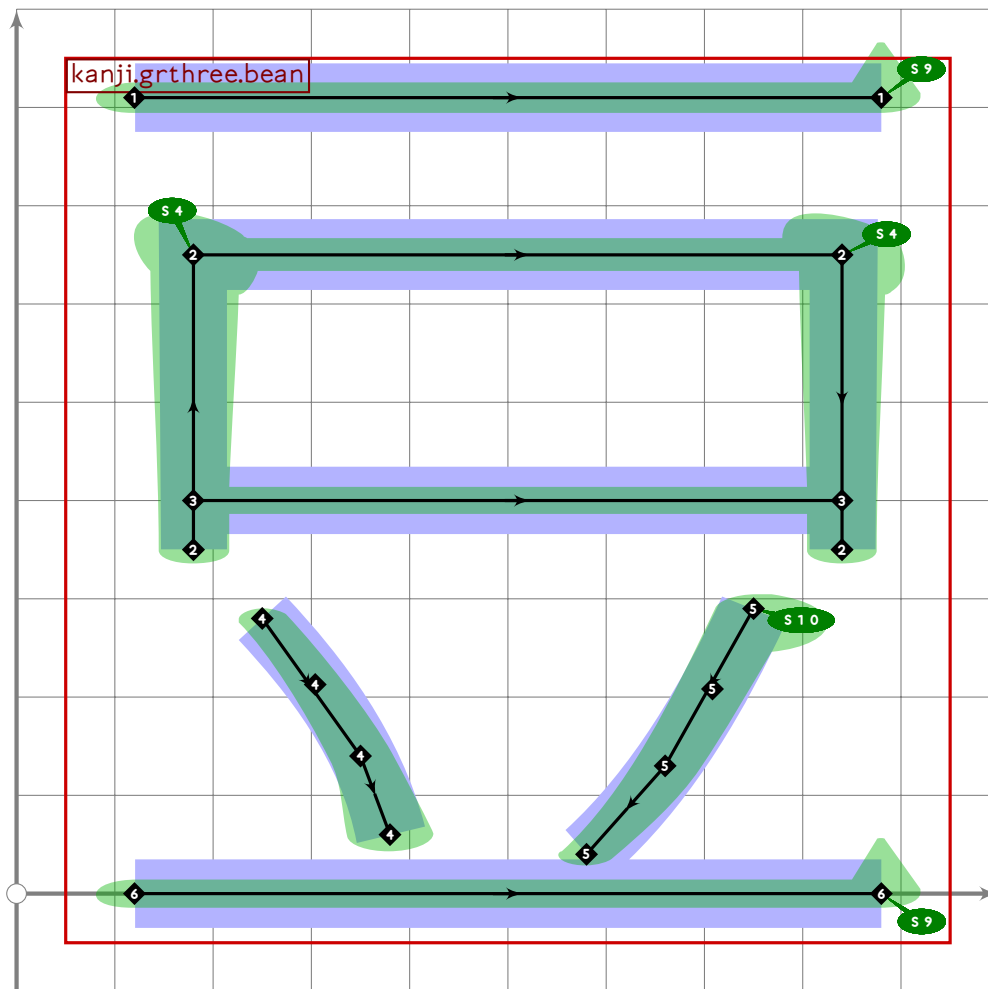
THRE



```

52
53 vardef kanji.grthree.beach =
54   push_pbox_toexpand("kanji.grthree.beach");
55   build_kanji.level(build_kanji.tb(570;-60)
56     (kanji.grone.mountain)
57     (build_kanji.cliff_enclose(
58       build_kanji.sscale(yscaled 0.85 shifted (0;-100))
59       (kanji.grsix.dry)))));
60   expand_pbox;
61 enddef;

```



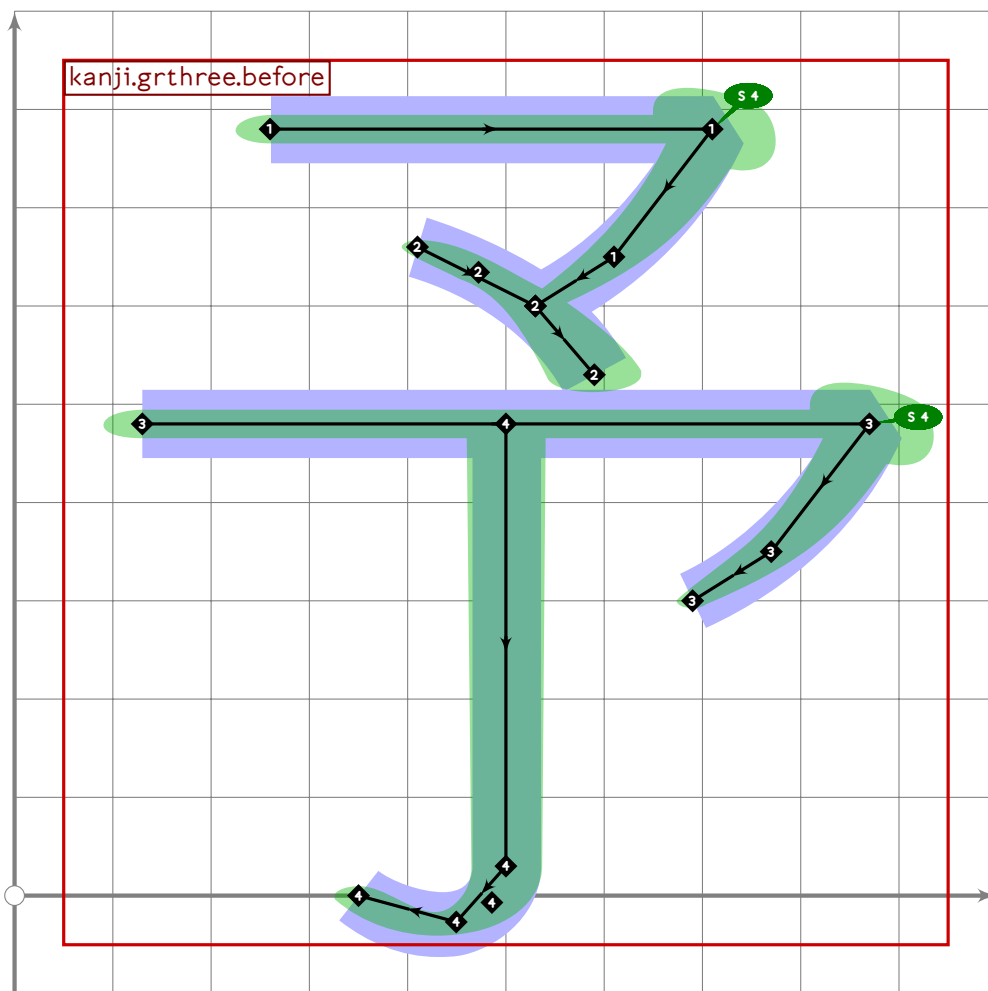
THRE

```

62
63 vardef kanji.grthree.bean =
64   push_pbox_toexpand("kanji.grthree.bean");
65   push_stroke((120,810)–(880,810),
66     (1.6,1.6)–(1.6,1.6));
67   set_boserif(0,19);
68   build_kanji.box((180,650),(840,400));
69   push_stroke((250,280)..tension 1.2..(350,140)..(380,60),
70     (1.2,1.2)–(1.4,1.4)–(1.7,1.7));
71   push_stroke((750,290)..tension 1.2..(660,130)..(580,40),
72     (1.6,1.6)–(1.5,1.5)–(1.3,1.3));
73   set_boserif(0,0,10);
74   push_stroke((120,0)–(880,0),
75     (1.6,1.6)–(1.6,1.6));
76   set_boserif(0,19);
77   expand_pbox;
78 enddef;

```

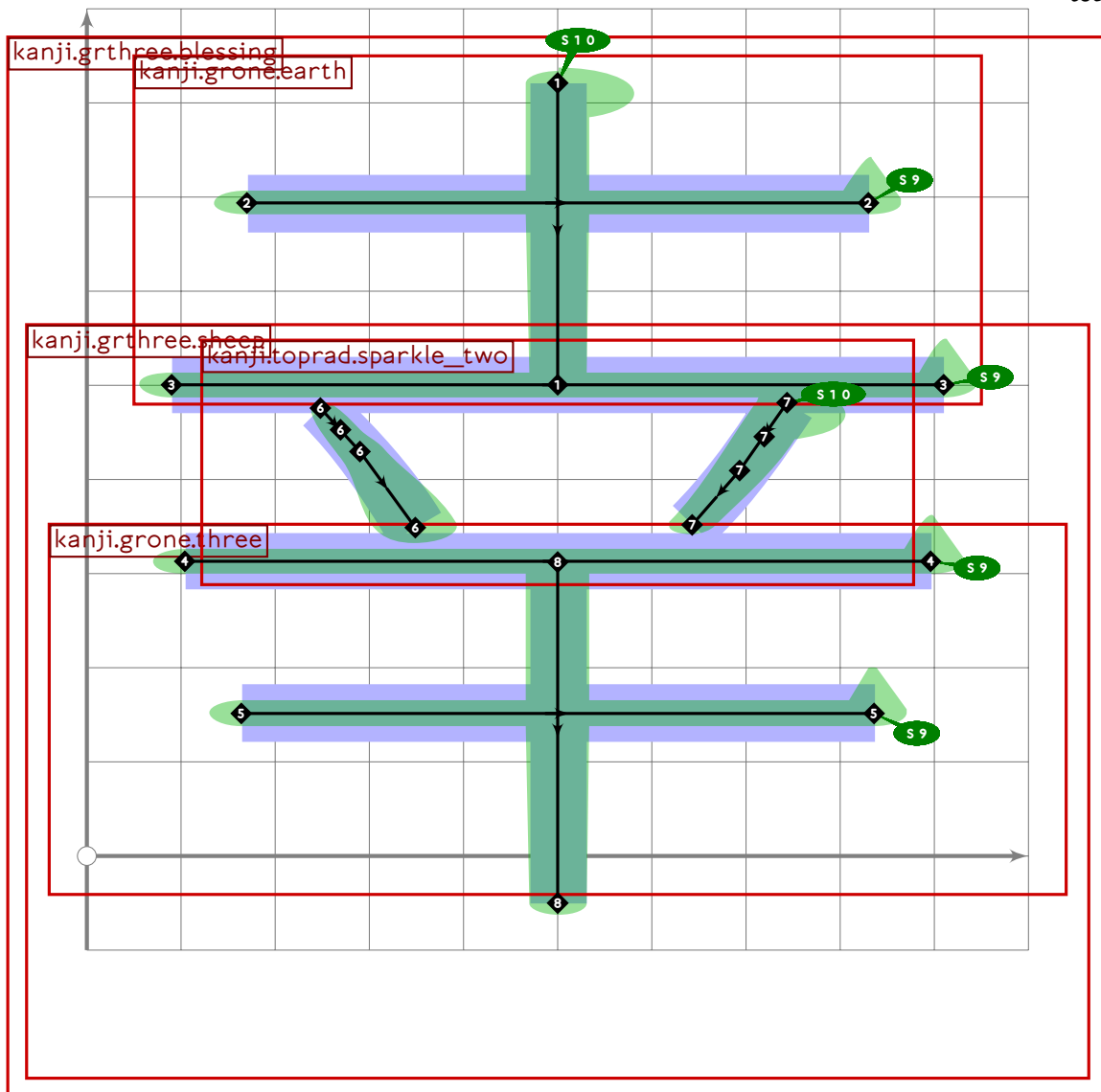
THRE



```

79
80 vardef kanji.grthree.before =
81   push_pbox_toexpand("kanji.grthree.before");
82   push_stroke((260,780)-(710,780)..(610,650)..(530,600),
83     (1.5,1.5)-(1.6,1.6)-(1.4,1.4)-(1,1));
84   set_boserif(0,14);
85   set_botip(0,1,0);
86   push_stroke((410,660)..tension 1.2..(530,600)..(590,530),
87     (1,1)-(1.4,1.4)-(1.8,1.8));
88   push_stroke((130,480)-(870,480)..(770,350)..(690,300),
89     (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1,1));
90   set_boserif(0,14);
91   set_botip(0,1,0);
92   push_stroke((500,480),
93     (1.6,1.6));
94   build_kanji.add__jtail(0);
95   expand_pbox;
96 enddef;

```



THRE

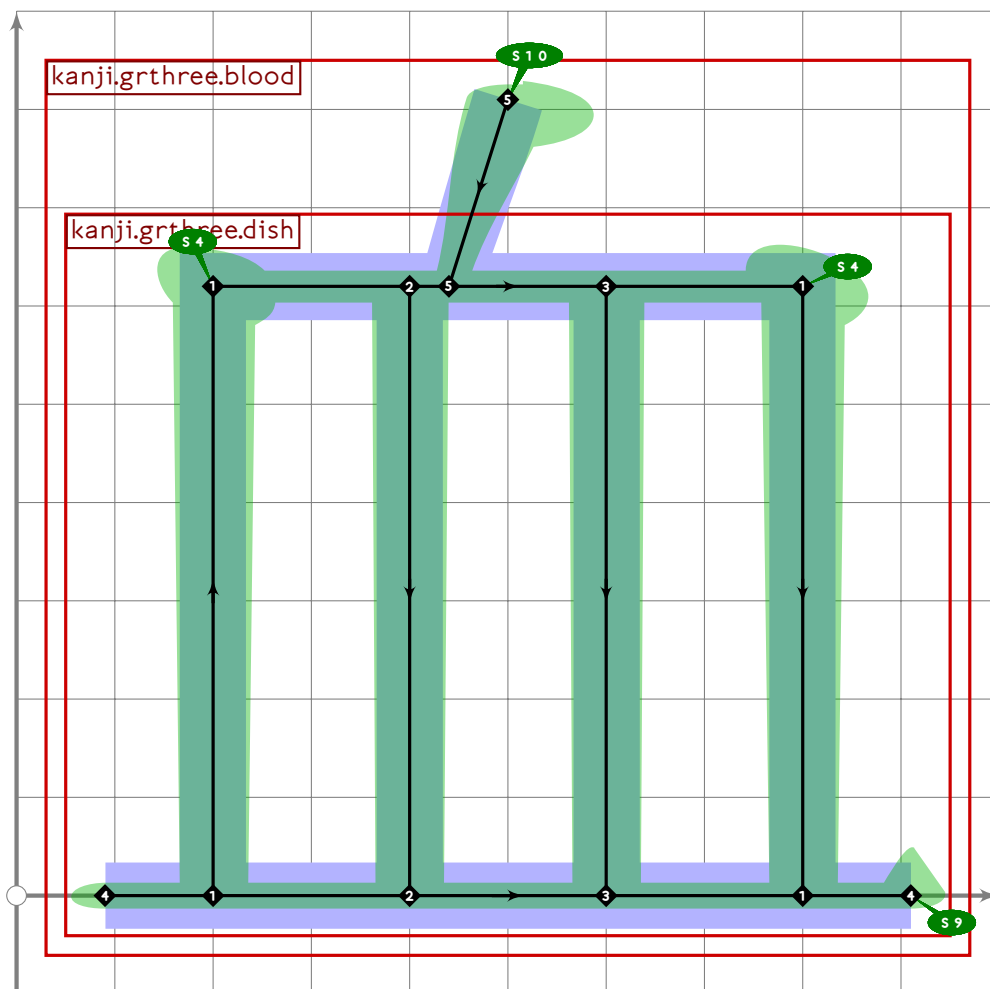
```

97
98 vardef kanji.grthree.blessing =
99   push_pbox_toexpand("kanji.grthree.blessing");
100   build_kanji.level(build_kanji.tb(480,0)
101     (kanji.grone.earth)
102     (build_kanji.sscale(xyscaled (1.2,1.4) shifted (0,-140))
103       (kanji.grthree.sheep);
104     obstacktype[find_stroke(-3)]:=otnull;
105     replace_strokep(0)((point 0 of oldp)-(500,-50)));
106   expand_pbox;
107 enddef;

```

U+8840
tsuku.uni8840

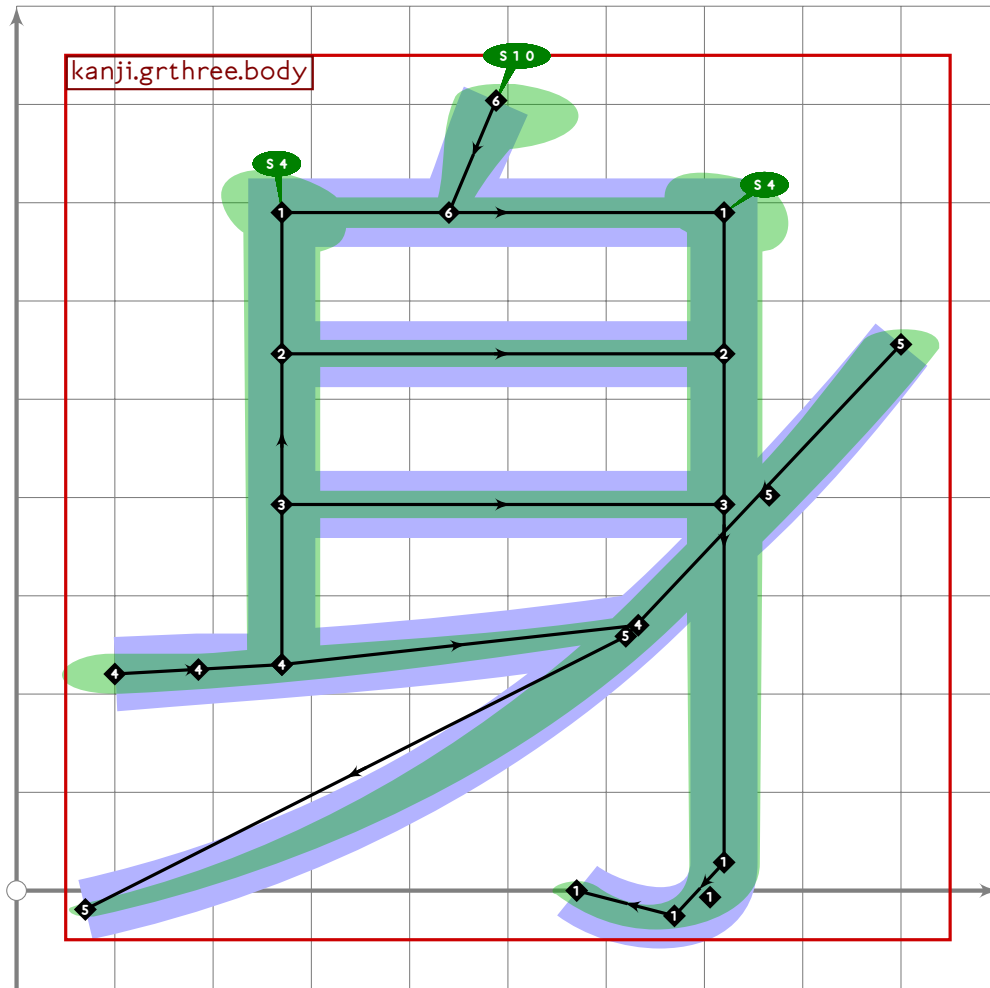
THRE



```

108
109 vardef kanji.grthree.blood =
110   push_pbox_toexpand("kanji.grthree.blood");
111   build_kanji.attach_tick(620)(kanji.grthree.dish);
112   expand_pbox;
113 enddef;

```

THRE

```

114
115 vardef kanji.grthree.body =
116   push_pbox__toexpand("kanji.grthree.body");
117   build_kanji.attach_tick(690)(
118     push_stroke((270,240)–(270,720)–(720,720),
119       (1.5,1.5)–(1.6,1.6)–(1.6,1.6));
120   build_kanji.add_jtail(0);
121   set_boserif(0,1,4);
122   set_boserif(0,2,4);
123   set_botip(0,1,1);
124   set_botip(0,2,1);
125   push_stroke((270,570)–(720,570),
126     (1.5,1.5)–(1.5,1.5));
127   push_stroke((270,410)–(720,410),
128     (1.5,1.5)–(1.5,1.5));
129   push_stroke((100,230)..tension 1.3..(270,240)..(920,340),
130     (2,2)–(1.7,1.7)–(1,1));
131   push_stroke((900,580)..tension 1.2..(620,270)..(70,20),
132     (1.6,1.6)–(1.4,1.4)–(1,1));
133   begingroup
134     save tval;

```

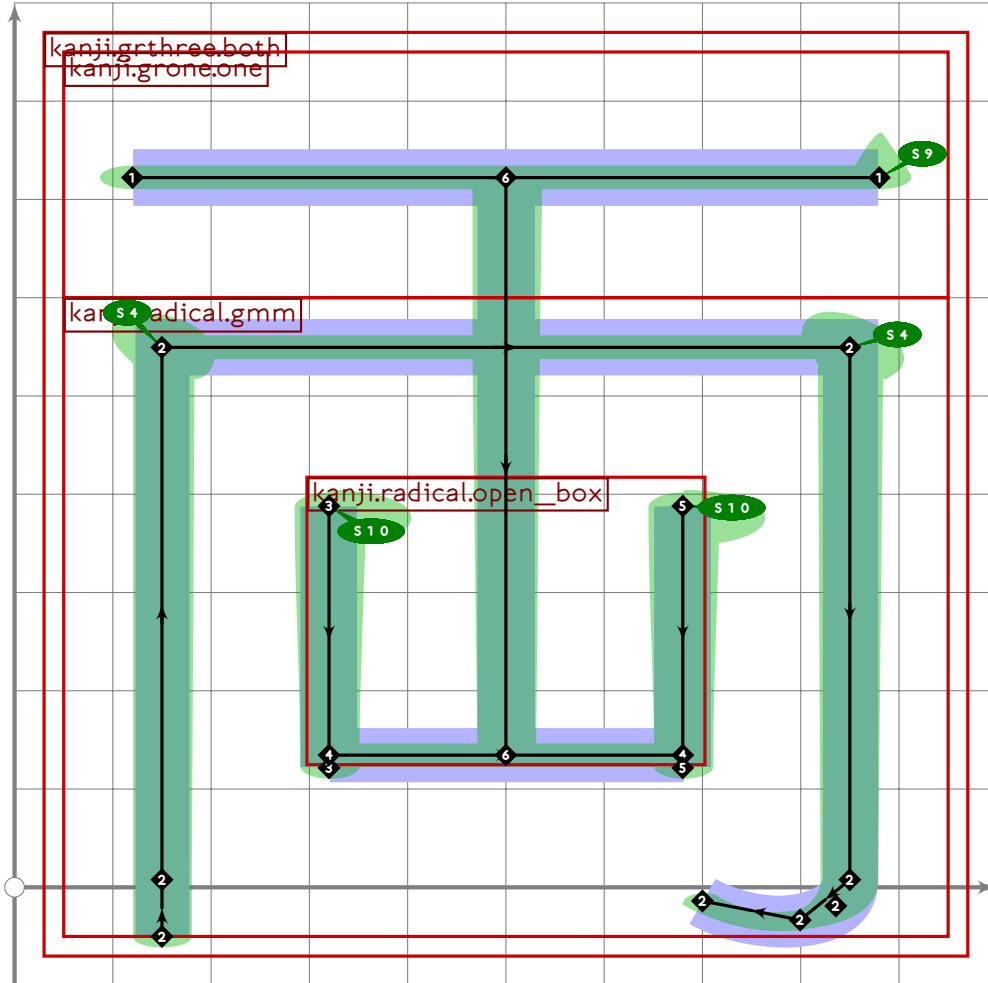
U+4E21
tsuku.uni4E21

```

135     numeric tval;
136     tval=xpart (get_strokep(-1) intersectiontimes get_strokep(0));
137     replace_strokep(-1)(subpath (0,tval) of oldp);
138     replace_strokeq(-1)(subpath (0,tval) of oldq);
139     endgroup;
140 );
141 replace_strokep(0)(oldp shifted (-point 2 of oldp)
142     xyscaled (0.8,0.6) shifted (point 2 of oldp));
143 expand_pbox;
144 enddef;

```

THRE



```

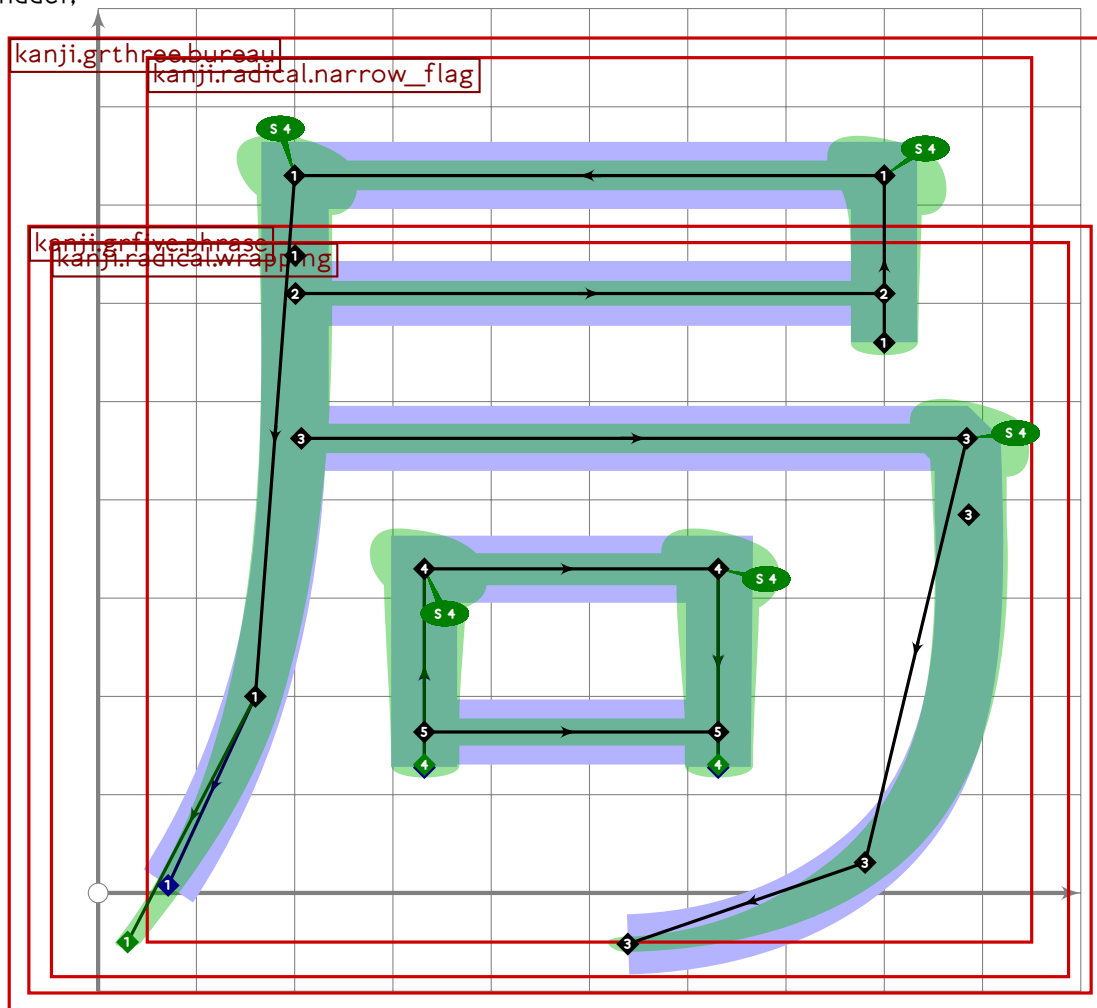
145
146 vardef kanji.grthree.both =
147     push_pbox_toexpand("kanji.grthree.both");
148     build_kanji.level(
149         build_kanji.tb(600,0)
150         (kanji.grone.one)
151         (perl_structure:=perl_structure&"eids.u2FF5._1.1_";
152         kanji.radical.gmm;
153         build_kanji.sscale(scaled 0.45)(kanji.radical.open_box));
154     push_stroke(
155         (point 0.5 of get_strokep(-4))-(point 0.5 of get_strokep(-1)),

```

```

156      (1.7,1.7)-(1.5,1.5));
157  expand_pbox;
158  enddef;

```



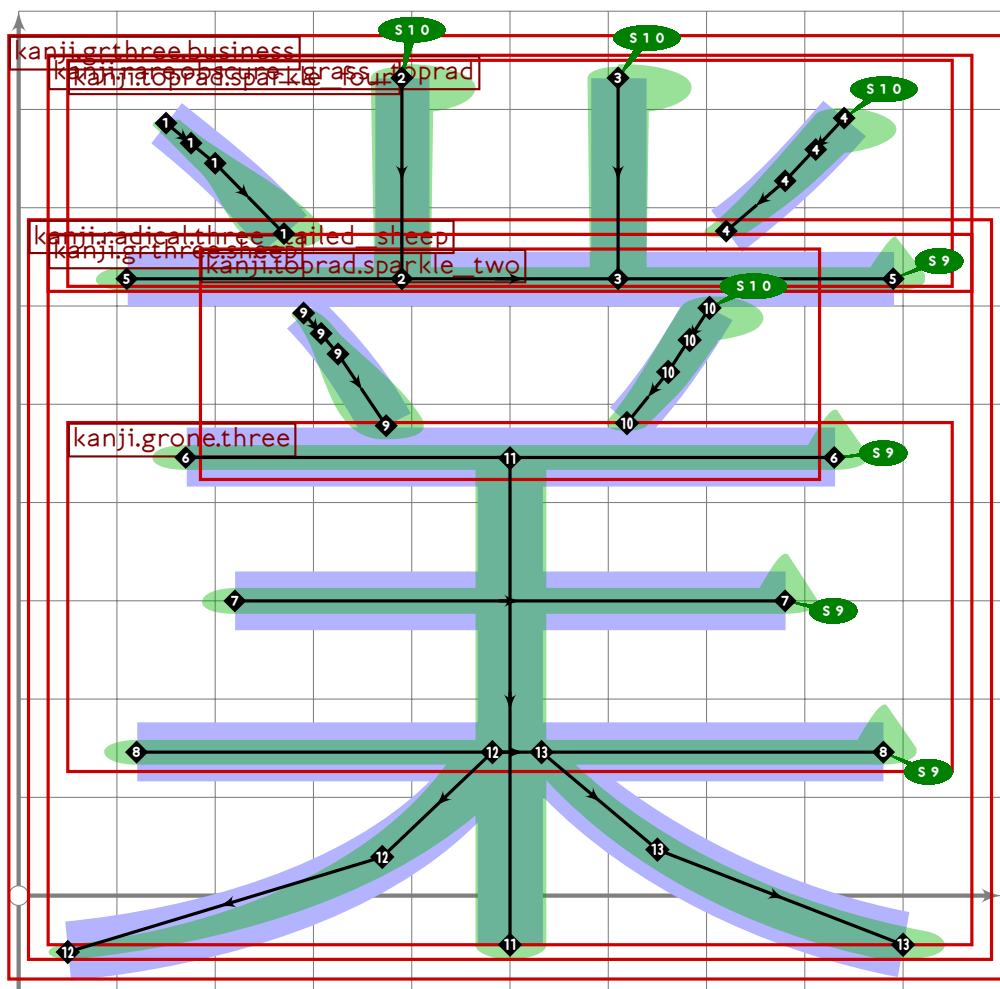
```

159
160  vardef kanji.grthree.bureau =
161    push_pbox_toexpand("kanji.grthree.bureau");
162    build_kanji.level(
163      kanji.radical.narrow_flag;
164      build_kanji.sscale(xyscaled (1.15,0.83) shifted (-30;-110))
165      (kanji.grfive.phrase;set_bosize(-3,0)));
166    expand_pbox;
167  enddef;

```

U+696D
tsuku.uni696D

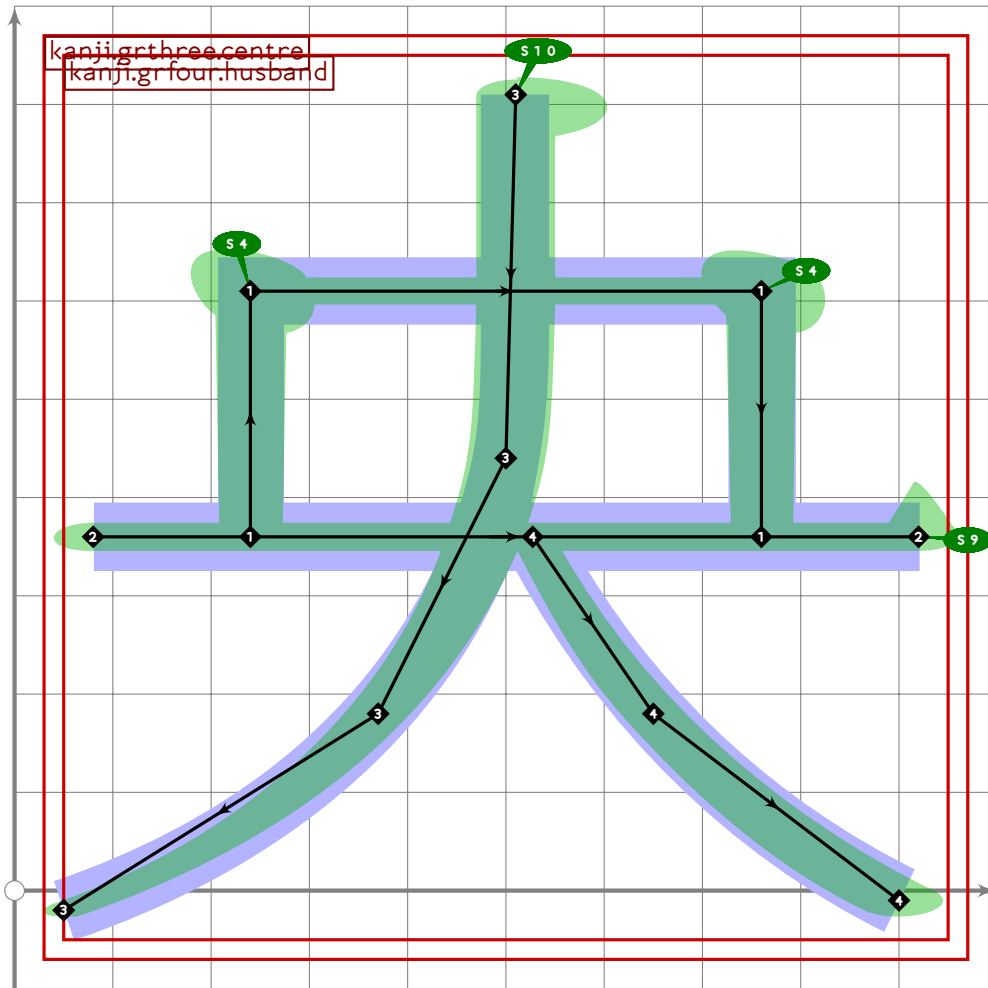
THRE



```

168
169 vardef kanji.grthree.business =
170   push_pbox_toexpand("kanji.grthree.business");
171   build_kanji.tb(620,0)
172     (kanji.rare.obscure_grass_toprad)
173     (kanji.radical.three_tailed_sheep);
174   expand_pbox;
175 enddef;

```



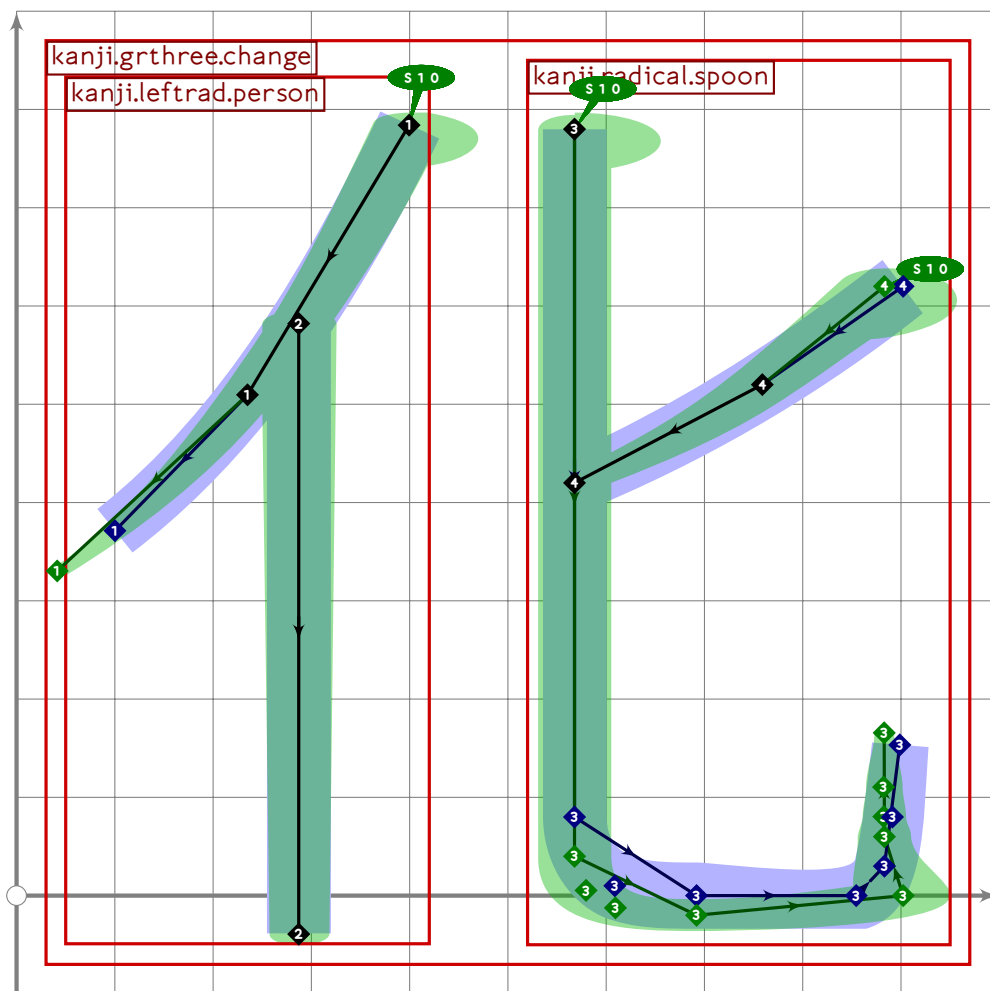
THRE

```

176
177 vardef kanji.grthree.centre =
178   push_pbox__toexpand("kanji.grthree.centre");
179   kanji.grfour.husband;
180   replace_strokep(-3)((240,360)-(240,610)-(760,610)-(760,360));
181   replace_strokeq(-3)((14,14)-(1.5,1.5)-(1.5,1.5)-(14,14));
182   set_boserif(-3,1,4);
183   set_boserif(-3,2,4);
184   set_botip(-3,1,1);
185   set_botip(-3,2,1);
186   expand_pbox;
187 enddef;

```

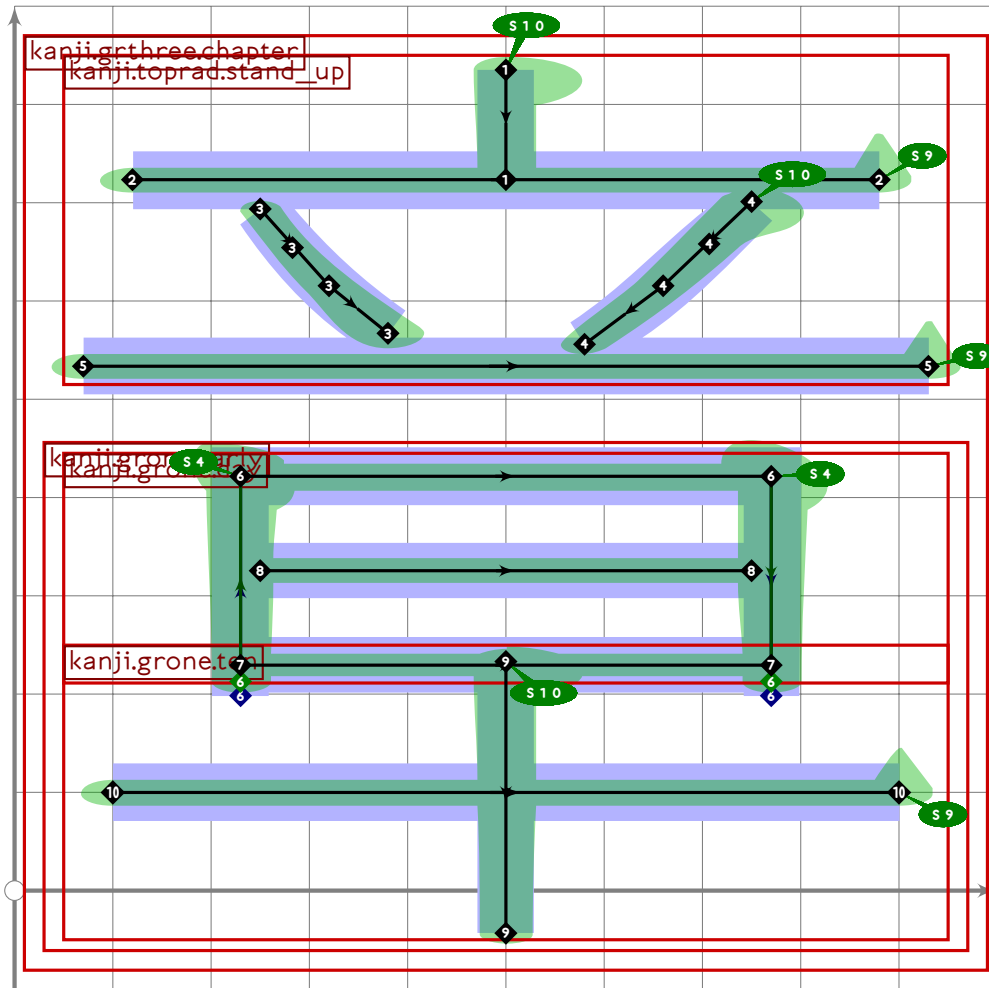
THRE



```

188
189 vardef kanji.grthree.change =
190   push_pbox__toexpand("kanji.grthree.change");
191   build_kanji.level(build_kanji.lr(470-100)
192     (tsu_xform(identity yscaled 0.98)(kanji.leftrad.person))
193     (kanji.radical.spoon));
194   set_boserif(0,0,10);
195   expand_pbox;
196 enddef;

```



THRE

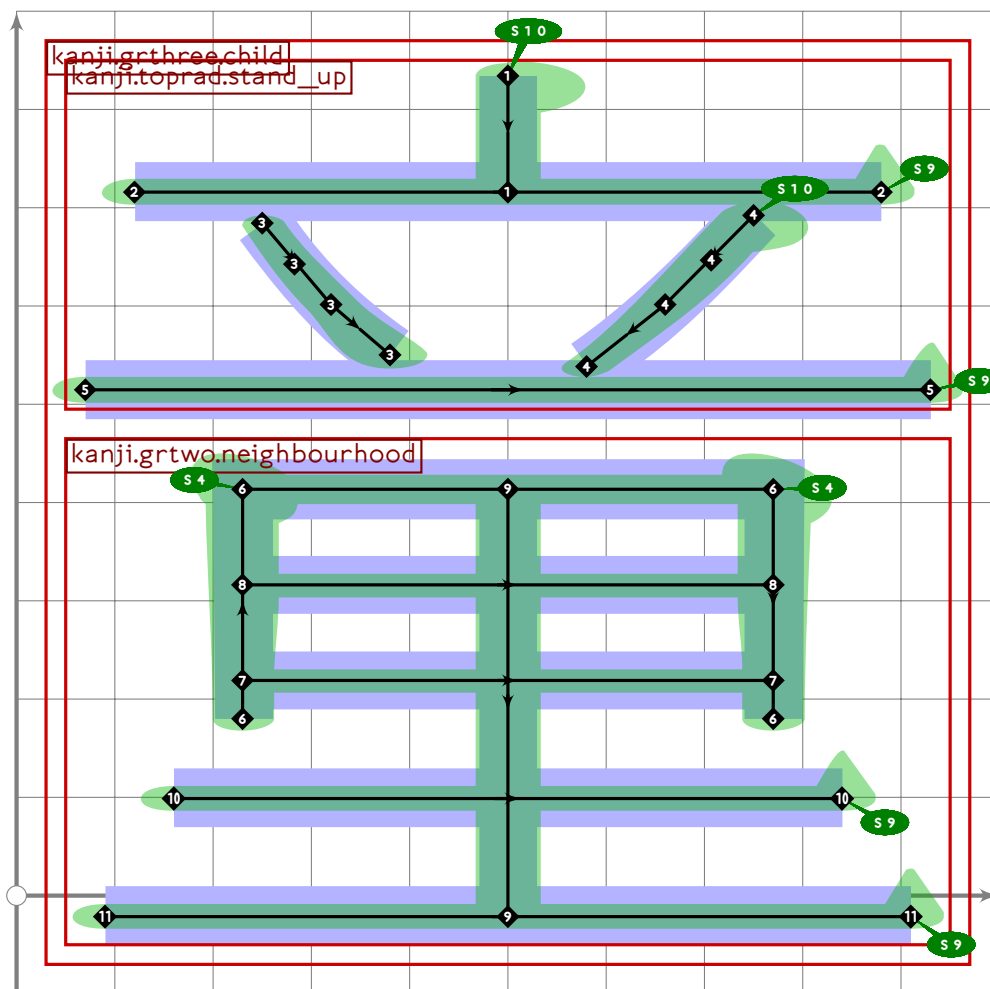
```

197
198 vardef kanji.grthree.chapter =
199   push_pbox_toexpand("kanji.grthree.chapter");
200   build_kanji.level(build_kanji.tb(480;70)
201     (kanji.toprad.stand_up)
202     (kanji.grone.early));
203   expand_pbox;
204 enddef;

```

U+7AE5
tsuku.uni7AE5

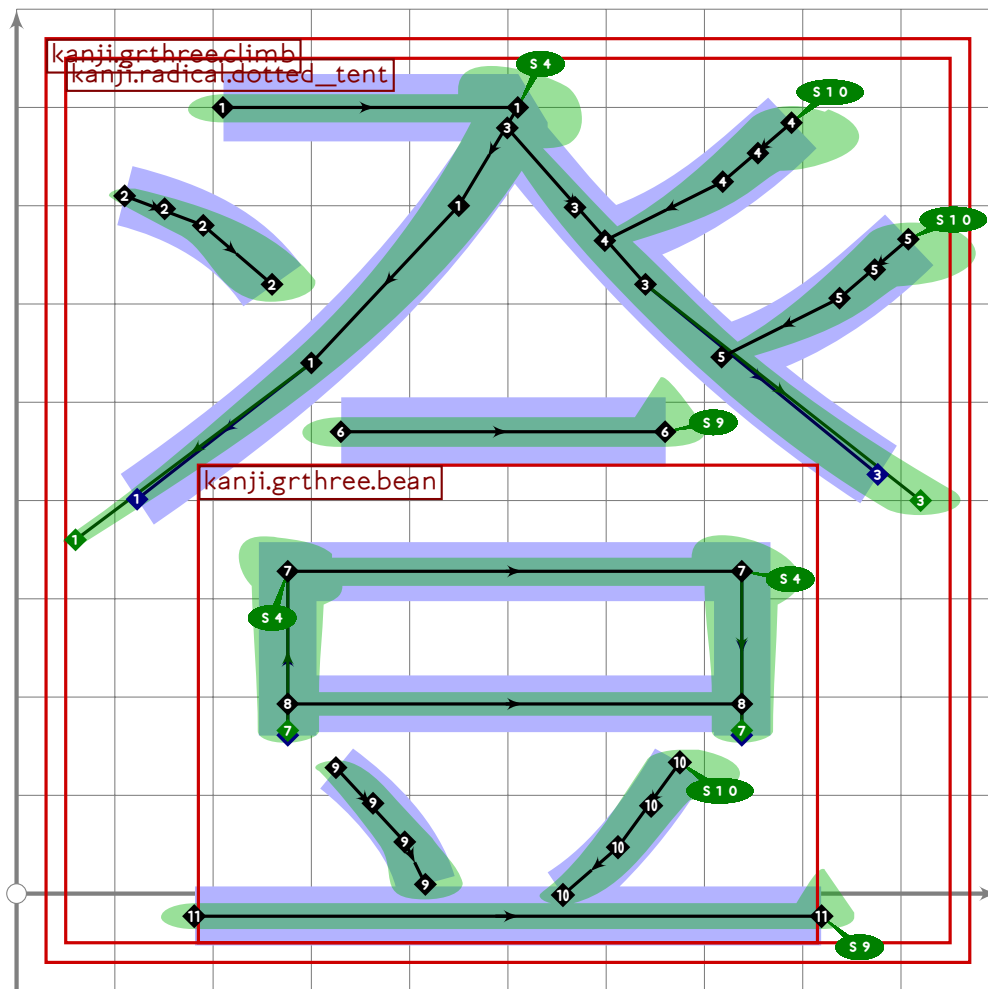
THRE



```

205
206 vardef kanji.grthree.child =
207   push_pbox_toexpand("kanji.grthree.child");
208   build_kanji.level(build_kanji.tb(480;30)
209     (kanji.toprad.stand_up)
210     (kanji.grtwo.neighbourhood ));
211   expand_pbox;
212 enddef;

```

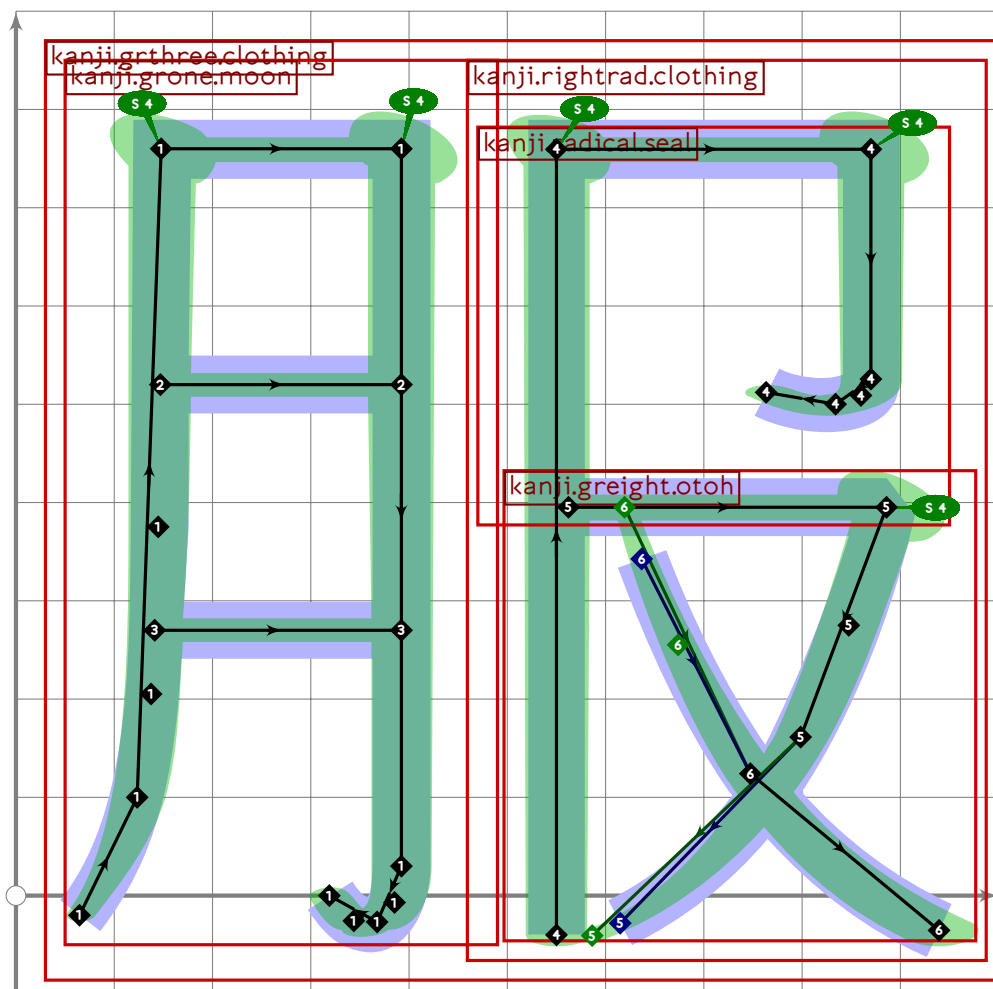
THRE

```

213
214 vardef kanji.grthree.climb =
215   push_pbox__toexpand("kanji.grthree.climb");
216   kanji.radical.dotted_tent;
217   tsu_xform(identity shifted (-500,50) xyscaled (0,70.54) shifted (500,50))
218     (kanji.grthree.bean);
219   obstacktype[find_whatsoever(otstroke,-5)]:=otnull;
220   replace_strokep(0)(oldp shifted (-500,0) xscaled 1.2 shifted (500,0));
221   expand_pbox;
222 enddef;

```

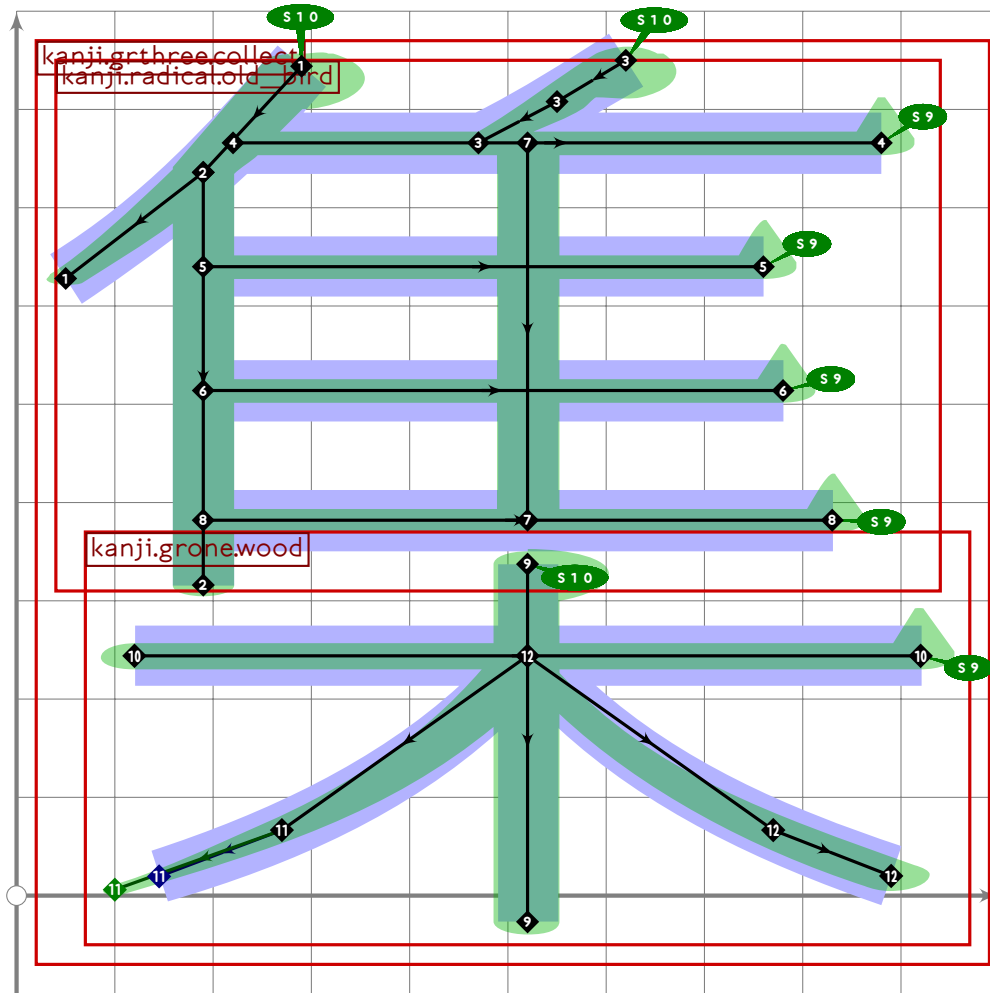
THRE



```

223
224 vardef kanji.grthree.clothing =
225   push_pbox_toexpand("kanji.grthree.clothing");
226   build_kanji.level(build_kanji.lr(480,20)
227     (kanji.grone.moon)
228     (kanji.rightrad.clothing));
229   expand_pbox;
230 enddef;

```



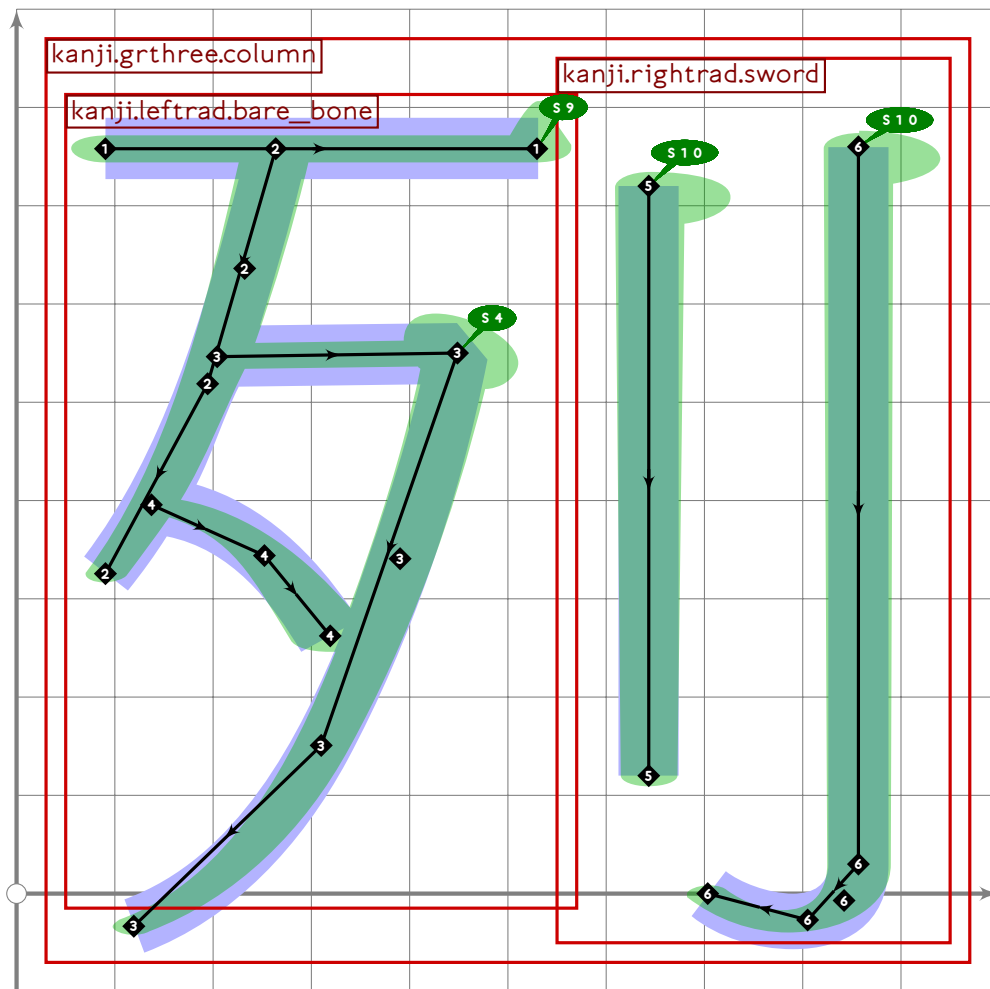
THRE

```

231
232 vardef kanji.grthree.collect =
233   push_pbox_toexpand("kanji.grthree.collect");
234   build_kanji.tb(340,60)
235     (build_kanji.sscale(shifted (-10,0))(kanji.radical.old_bird))
236     (build_kanji.sscale(shifted (20,0))(kanji.grone.wood));
237   expand_pbox;
238 enddef;

```

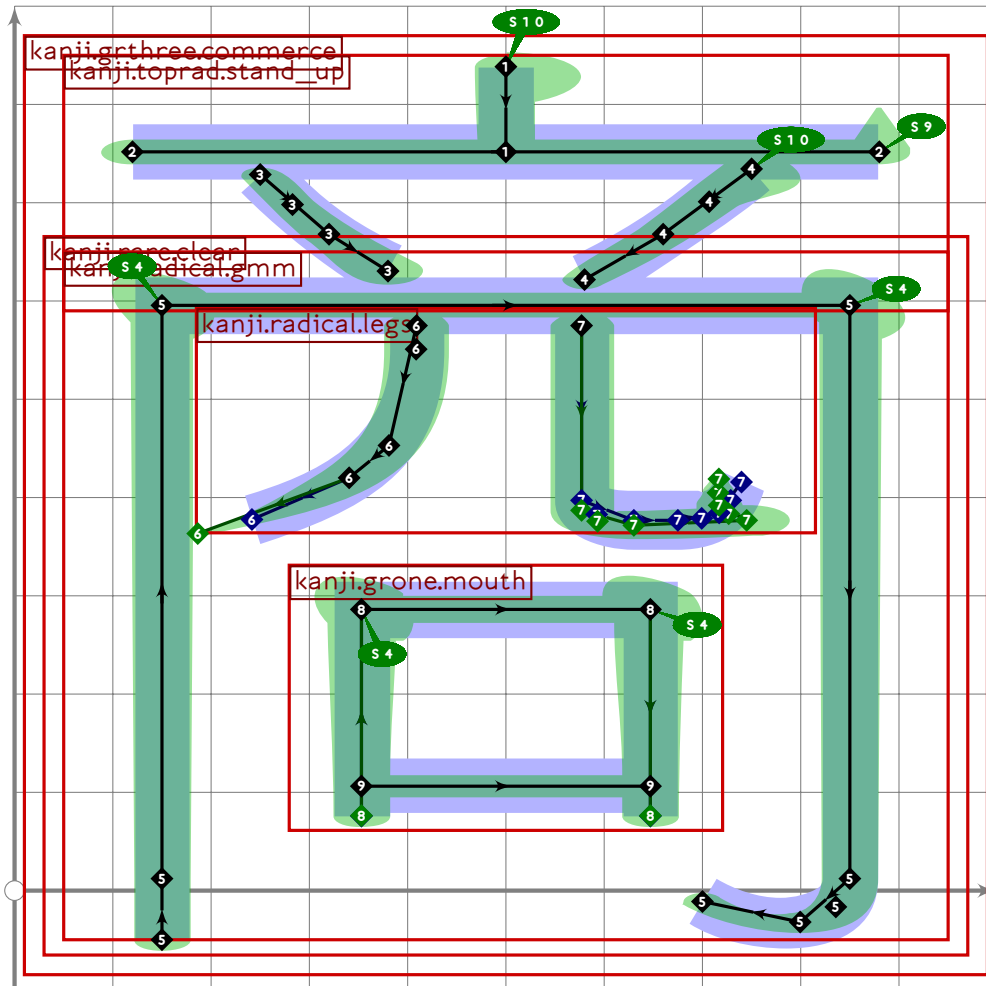
THRE



```

239
240 vardef kanji.grthree.column =
241   push_pbox_toexpand("kanji.grthree.column");
242   build_kanji.level(build_kanji.lr(560,20)
243     (build_kanji.sscale(yscaled 0.92)(kanji.leftrad.bare_bone))
244     (kanji.rightrad.sword));
245   expand_pbox;
246 enddef;

```



THRE

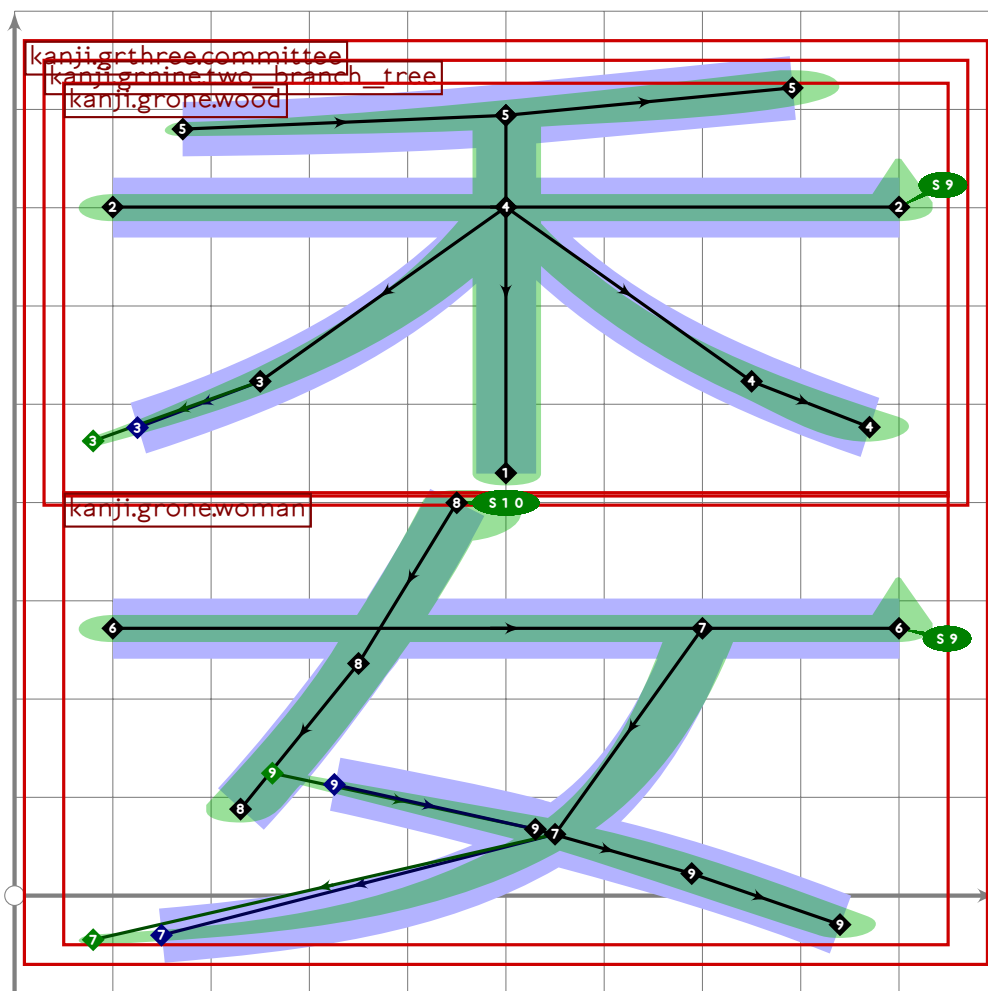
```

247
248 vardef kanji.grthree.commerce =
249   push_pbox_toexpand("kanji.grthree.commerce");
250   build_kanji.level(build_kanji.tb(620,60)
251     (kanji.toprad.stand_up;
252       pop_stroke)
253     (kanji.rare.clear));
254   expand_pbox;
255 enddef;

```

U+59D4
tsuku.uni59D4

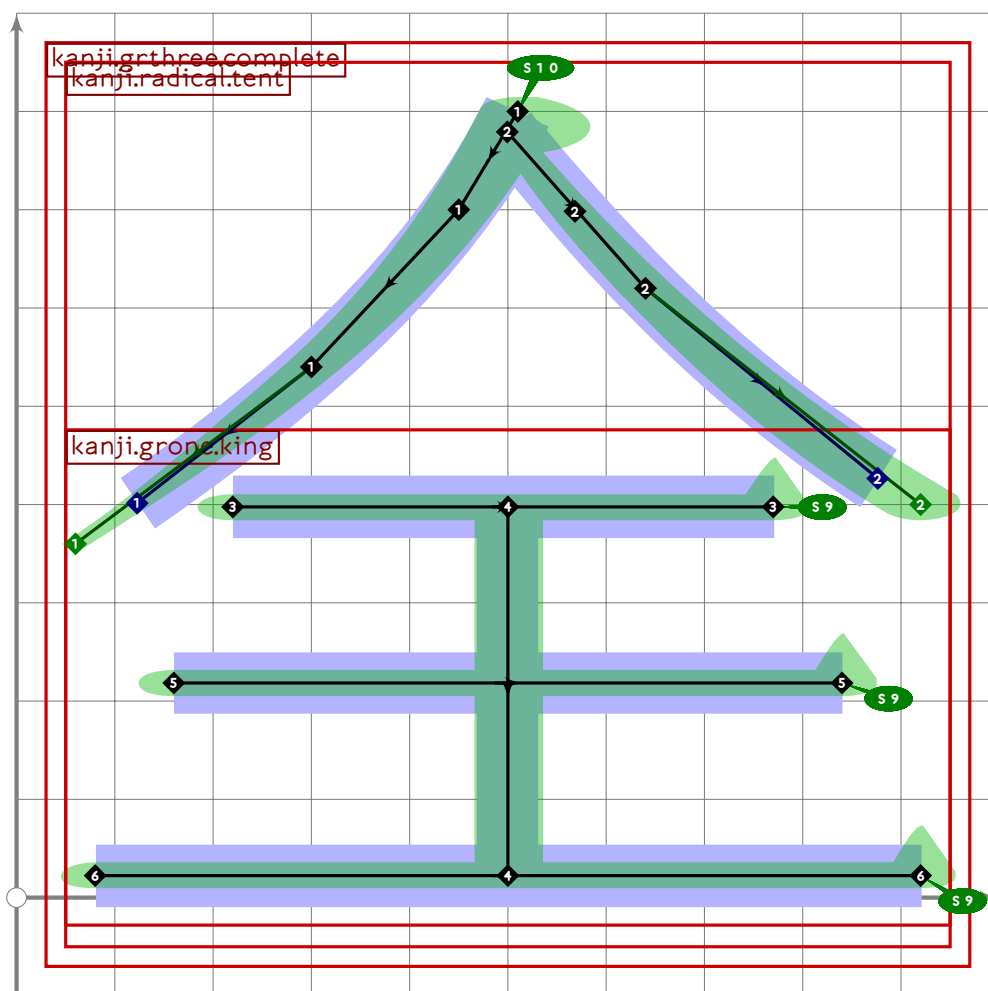
THRE



```

256
257 vardef kanji.grthree.committee =
258   push_pbox_toexpand("kanji.grthree.committee");
259   build_kanji.tb(420,-20)
260     (kanji.grnine.two_branch_tree)
261     (kanji.gronewoman);
262   expand_pbox;
263 enddef;

```



THRE

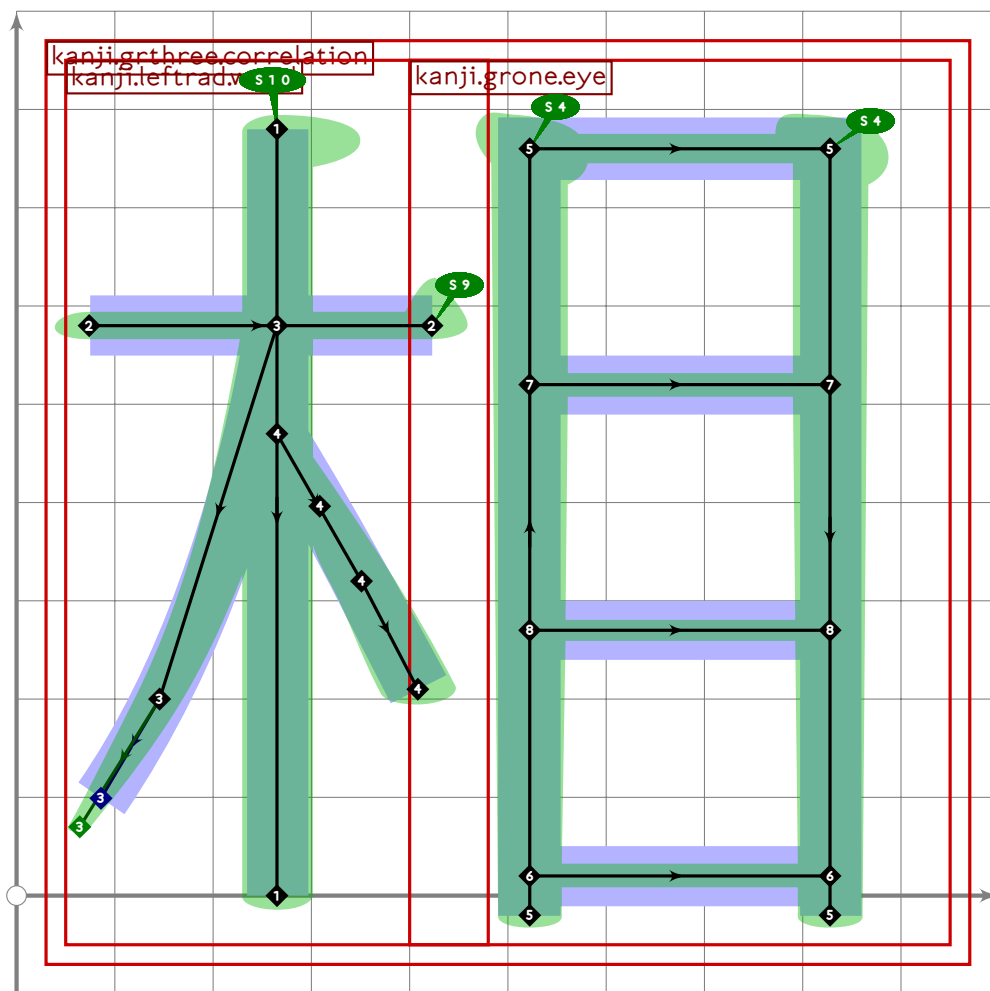
```

264
265 vardef kanji.grthree.complete =
266   push_pbox__toexpand("kanji.grthree.complete");
267   kanji.radical.tent;
268   pop_stroke;
269   tsu_xform(identity yscaled 0.56)(kanji.grone.king);
270   replace_strokep(-3)((220,y part point 0 of oldp)-
271     (770,y part point 1 of oldp));
272   expand_pbox;
273 enddef;

```

U+76F8
tsuku.uni76F8

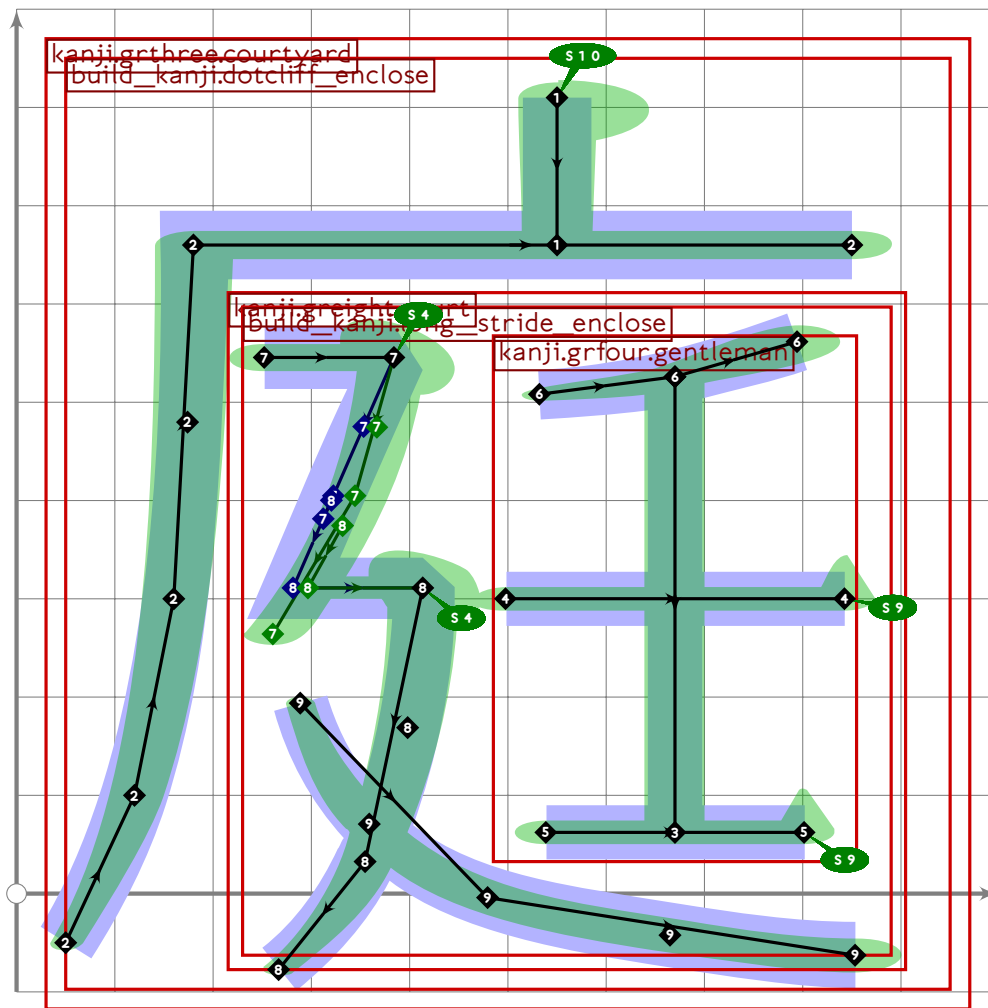
THRE



```

274
275 vardef kanji.grthree.correlation =
276   push_pbox_toexpand("kanji.grthree.correlation");
277   build_kanji.level(build_kanji.lr(440,80)
278     (kanji.leftrad.wood)
279     (kanji.grone.ey));
280   expand_pbox;
281 enddef;

```

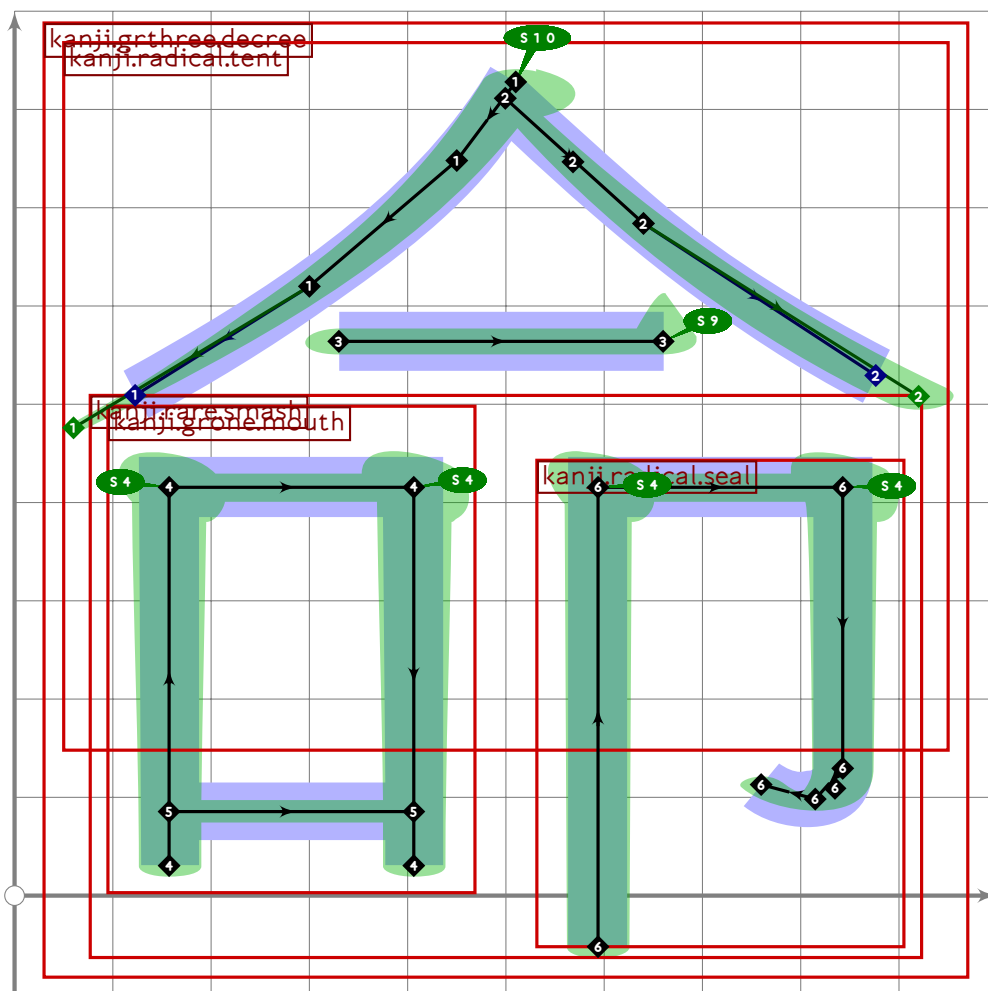



```

282
283 vardef kanji.grthree.courtyard =
284   push_pbox_toexpand("kanji.grthree.courtyard");
285   build_kanji.dotcliff_enclose(
286     build_kanji.sscale(yscaled 0.97 shifted (0;30))(kanji.greight.court));
287   expand_pbox;
288 enddef;

```

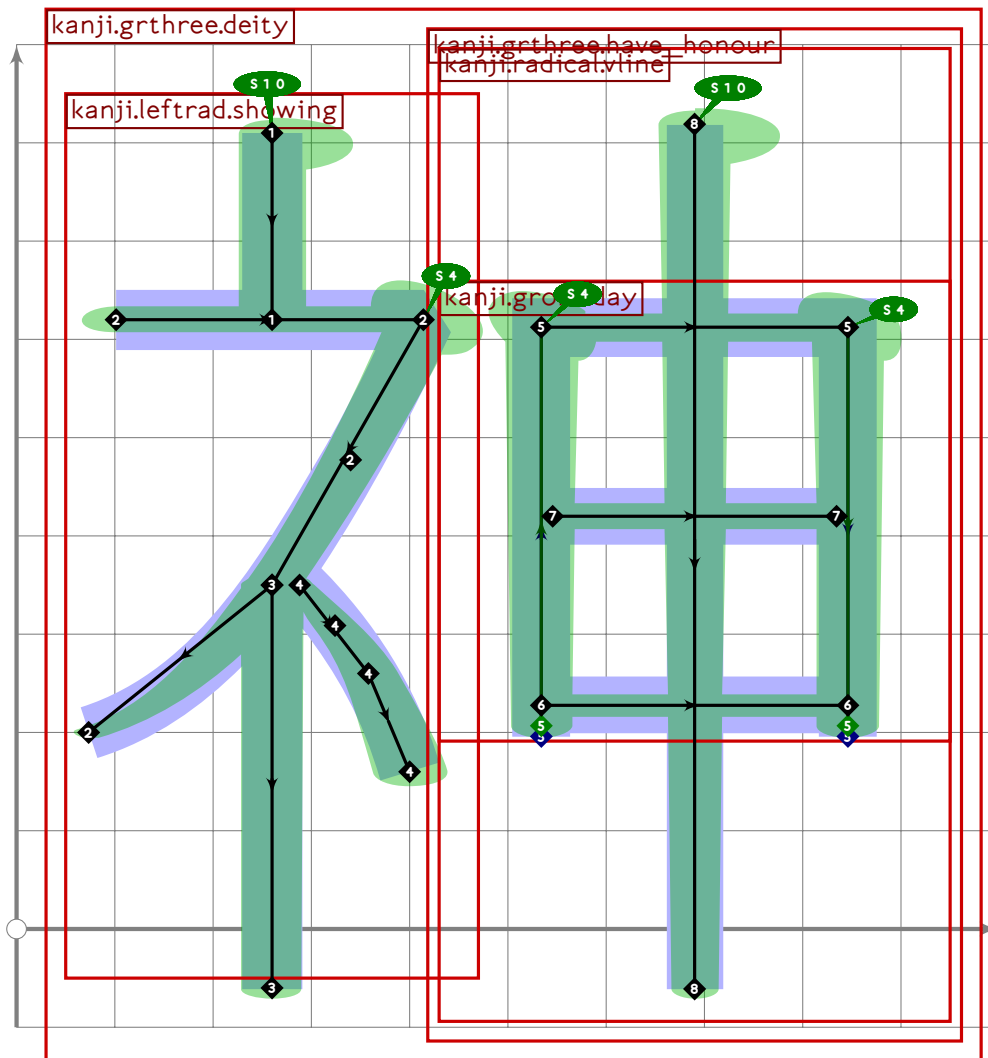
THRE



```

289
290 vardef kanji.grthree.decree =
291   push_pbox__toexpand("kanji.grthree.decree");
292   build_kanji.level(
293     build_kanji.sscale(xyscaled (1,0.8) shifted (0,110))
294     (kanji.radical.tent);
295     build_kanji.sscale(xyscaled (0.9,0.55) shifted (0,-200))
296     (kanji.rare.smash);
297   );
298   expand_pbox;
299 enddef;

```



THRE

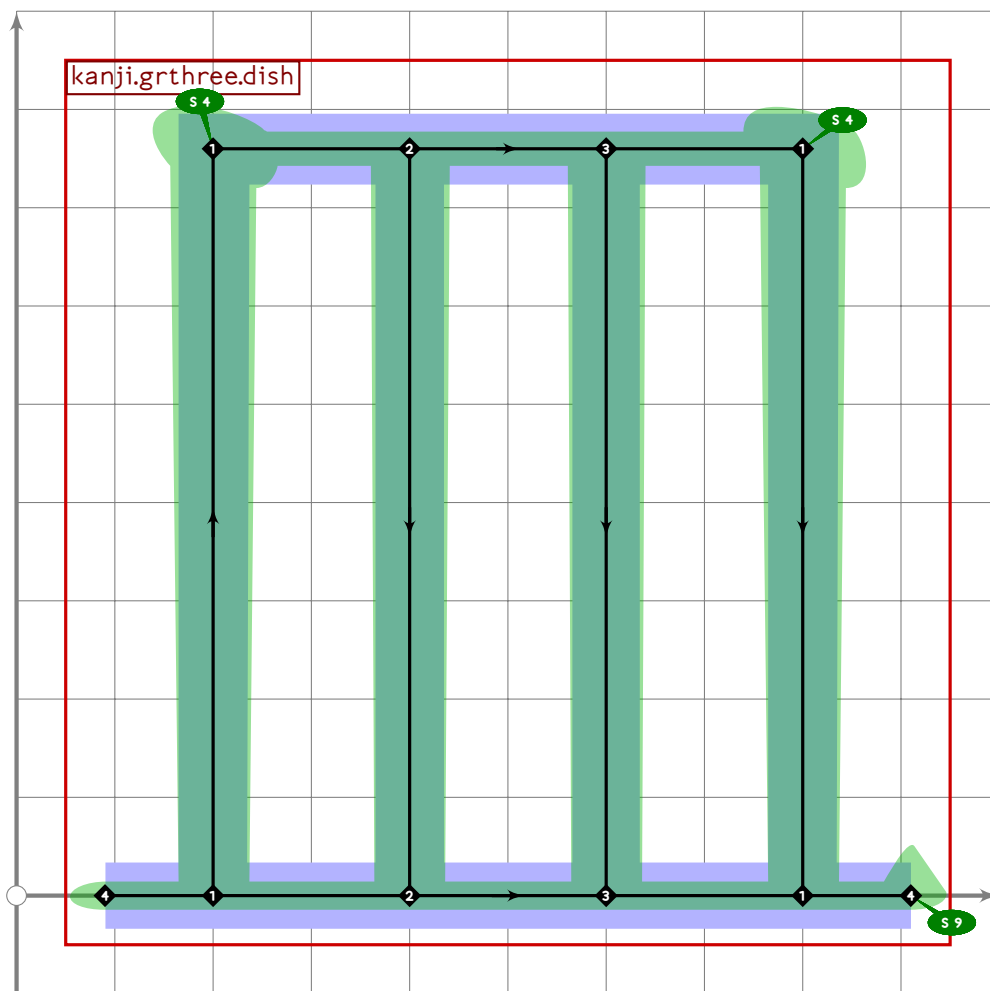
```

300
301 vardef kanji.grthree.deity =
302   push_pbox_toexpand("kanji.grthree.deity");
303   build_kanji.lr(450,40)
304     (kanji.leftrad.showing)
305     (kanji.grthree.have_honour);
306   expand_pbox;
307 enddef;

```

U+76BF
tsuku.uni76BF

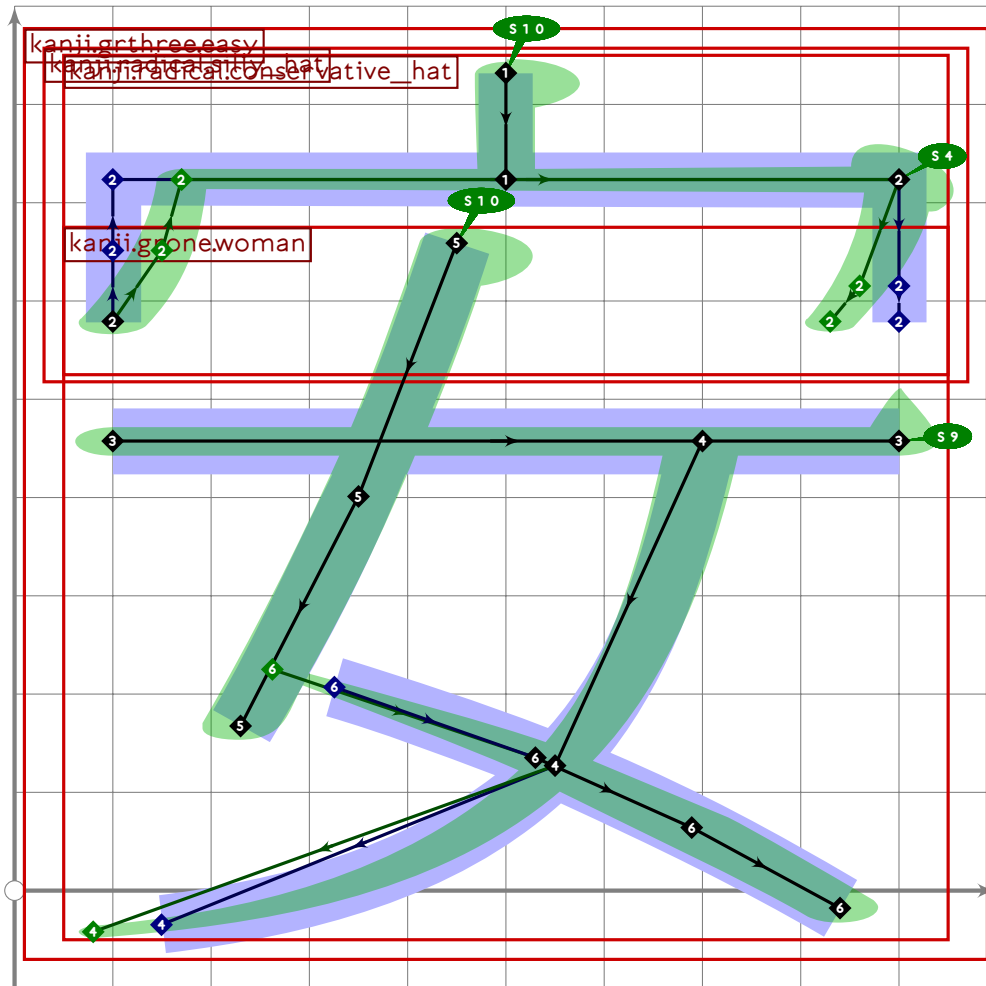
THRE



```

308
309 vardef kanji.grthree.dish =
310   push_pbox__toexpand("kanji.grthree.dish");
311   push_stroke((200,0)–(200,760)–(800,760)–(800,0),
312     (1.5,1.5)–(1.7,1.7)–(1.7,1.7)–(1.5,1.5));
313   set_botip(0,1);
314   set_botip(0,2,1);
315   set_boserif(0,1,4);
316   set_boserif(0,2,4);
317   push_stroke((400,760)–(400,0),(1.6,1.6)–(1.5,1.5));
318   push_stroke((600,760)–(600,0),(1.6,1.6)–(1.5,1.5));
319   push_stroke((90,0)–(910,0),(1.5,1.5)–(1.5,1.5));
320   set_boserif(0,1,9);
321   expand_pbox;
322 enddef;

```

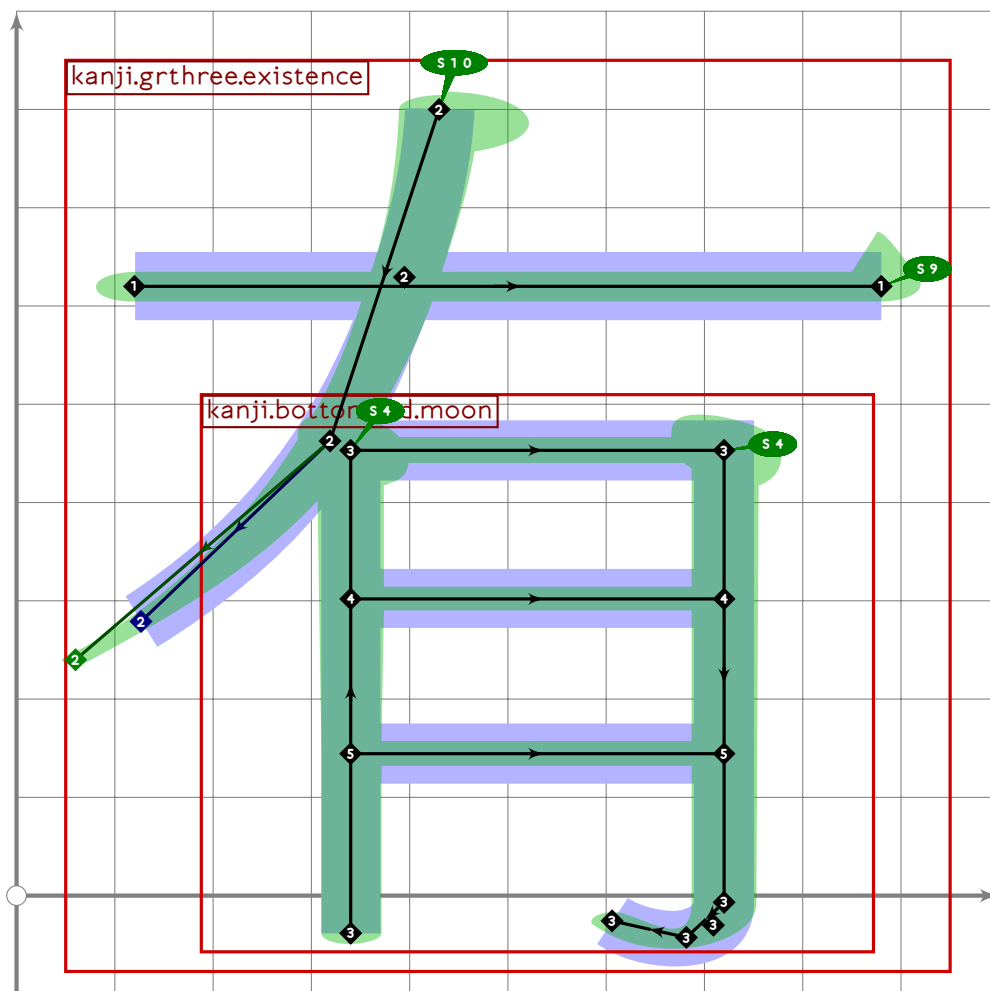


```

323
324 vardef kanji.grthree.easy =
325   push_pbox_toexpand("kanji.grthree.easy");
326   build_kanji.tb(600,150)
327     (kanji.radical.silly_hat)
328     (kanji.grone.woman);
329   expand_pbox;
330 enddef;

```

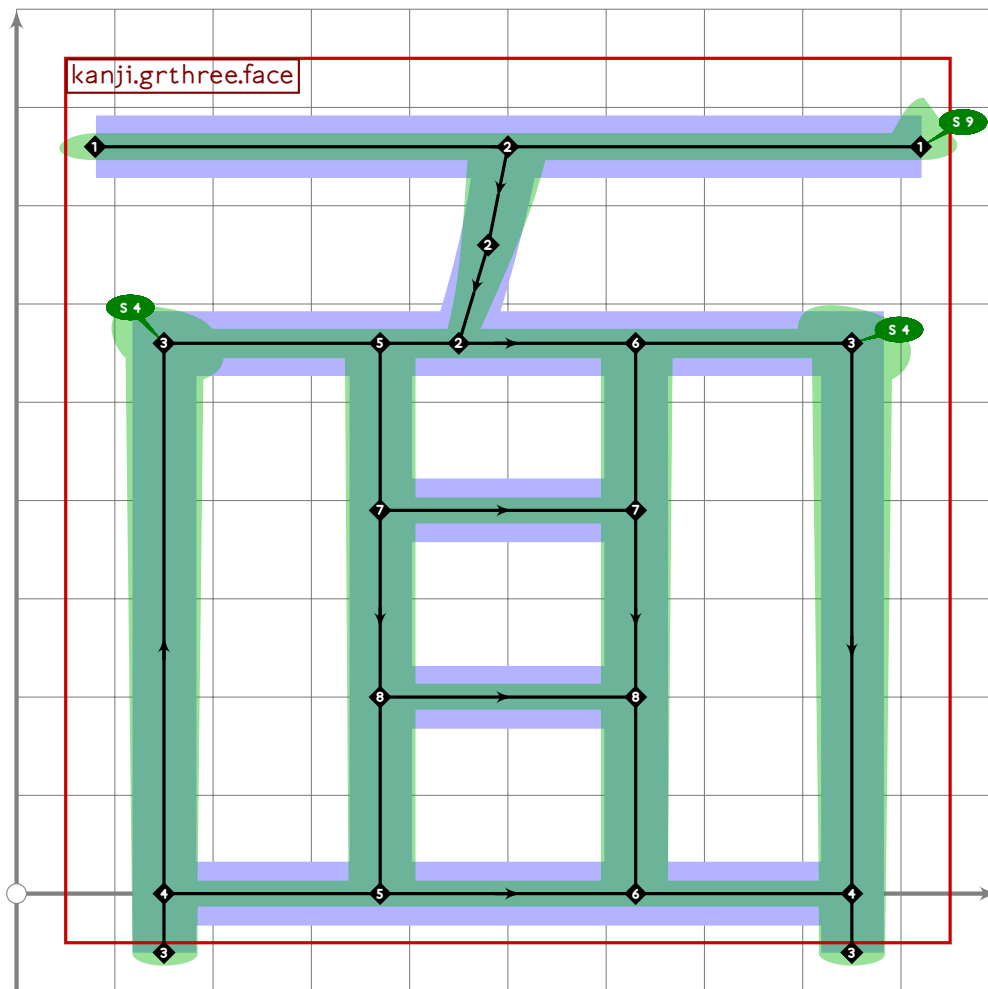
THRE



```

331
332 vardef kanji.grthree.existence =
333   push_pbox_toexpand("kanji.grthree.existence");
334   build_kanji.lean_to((430,240));
335   build_kanji.sscale(xyscaled (0.76,0.63) shifted (30,-170))
336     (kanji.bottomrad.moon);
337   expand_pbox;
338 enddef;

```



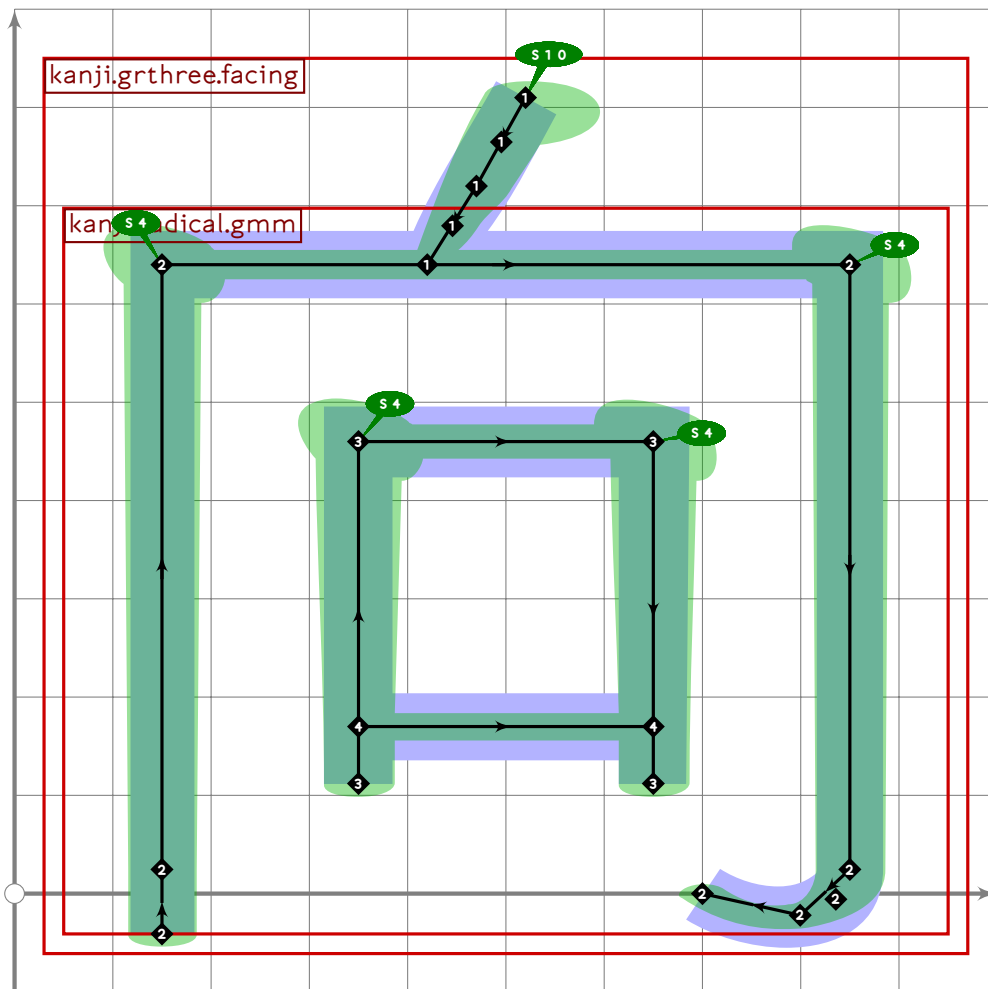
THRE

```

339
340 vardef kanji.grthree.face =
341   push_pbox_toexpand("kanji.grthree.face");
342   push_stroke((80,760)–(920,760),
343     (1.6,1.6)–(1.6,1.6));
344   set_boserif(0,19);
345   push_stroke((500,760)..(480,660)..(450,560),
346     (1.7,1.7)–(1.3,1.3)–(1,1));
347   build_kanji.box((150,560),(850,0));
348   push_stroke((370,560)–(370,0),(1.6,1.6)–(1.5,1.5));
349   push_stroke((630,560)–(630,0),(1.6,1.6)–(1.5,1.5));
350   push_stroke((370,390)–(630,390),(1.5,1.5)–(1.5,1.5));
351   push_stroke((370,200)–(630,200),(1.5,1.5)–(1.5,1.5));
352   for i=-7 upto 0: set_bosize(i,92); endfor;
353   expand_pbox;
354 enddef;

```

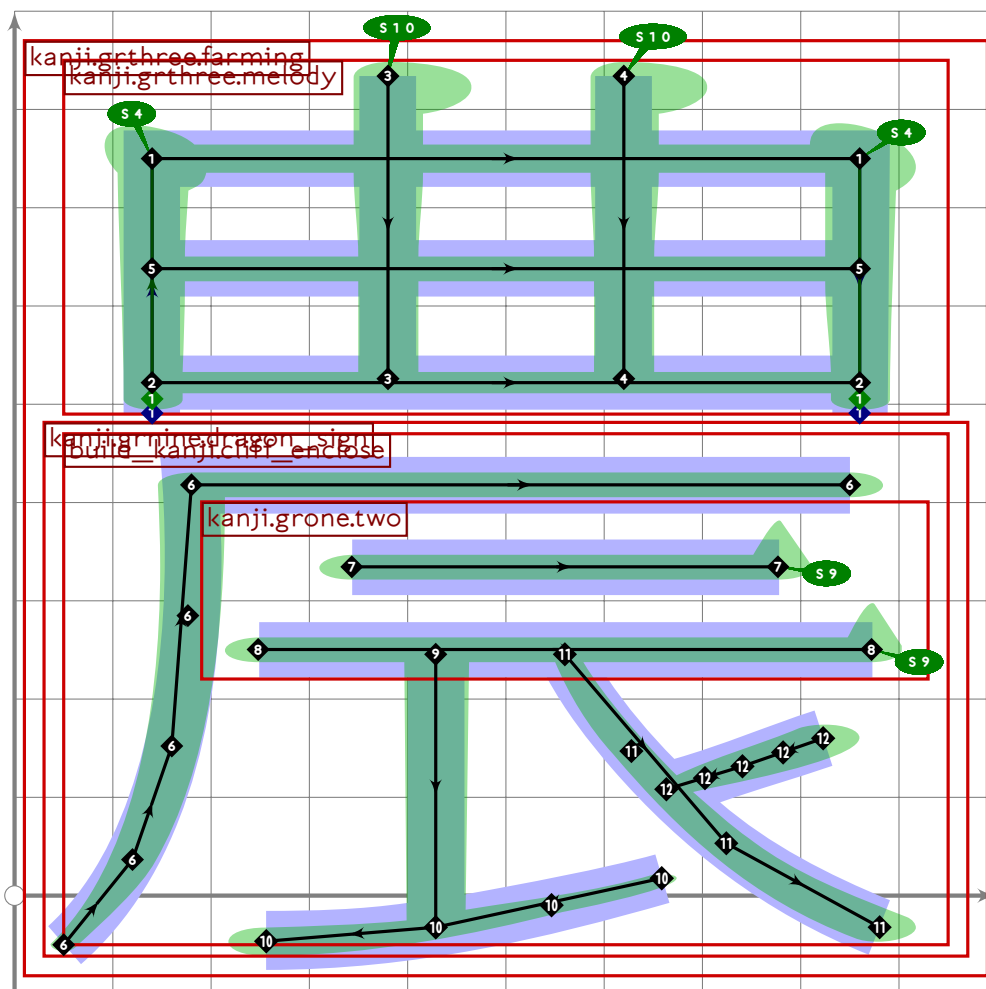
THRE



```

355
356 vardef kanji.grthree.facing =
357   push_pbox__toexpand("kanji.grthree.facing");
358   push_stroke((520,810)..tension 1.2..(470,720)..(420,640),
359     (1.7,1.7)-(1.5,1.5)-(1,1));
360   set_boserif(0,0,10);
361   tsu_xform(identity yscaled (640/780))(kanji.radical.gmm);
362   build_kanji.box((350,460),(650,170));
363   expand_pbox;
364 enddef;

```

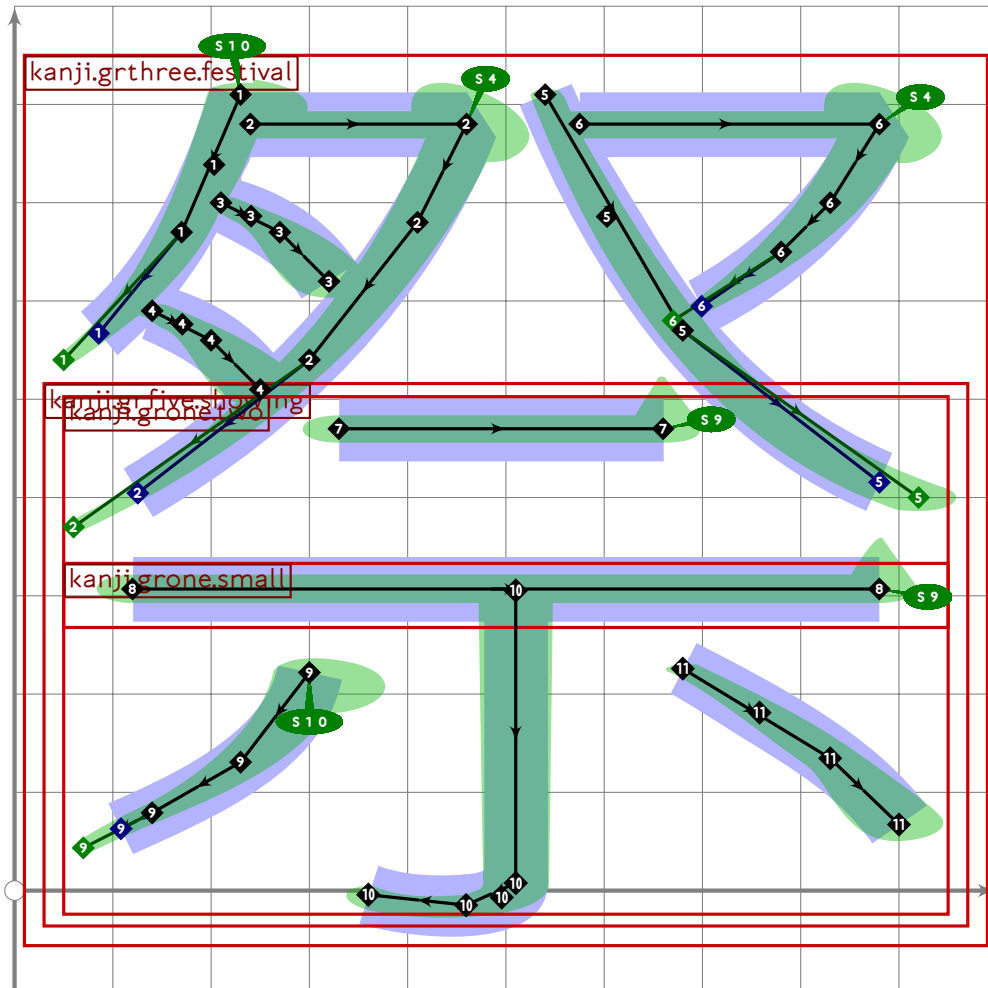
THRE

```

365
366 vardef kanji.grthree.farming =
367   push_pbox_toexpand("kanji.grthree.farming");
368   build_kanji.level(build_kanji.tb(480;20)
369     (kanji.grthree.melody)
370     (kanji.grnine.dragon_sign));
371   expand_pbox;
372 enddef;

```

THRE



```

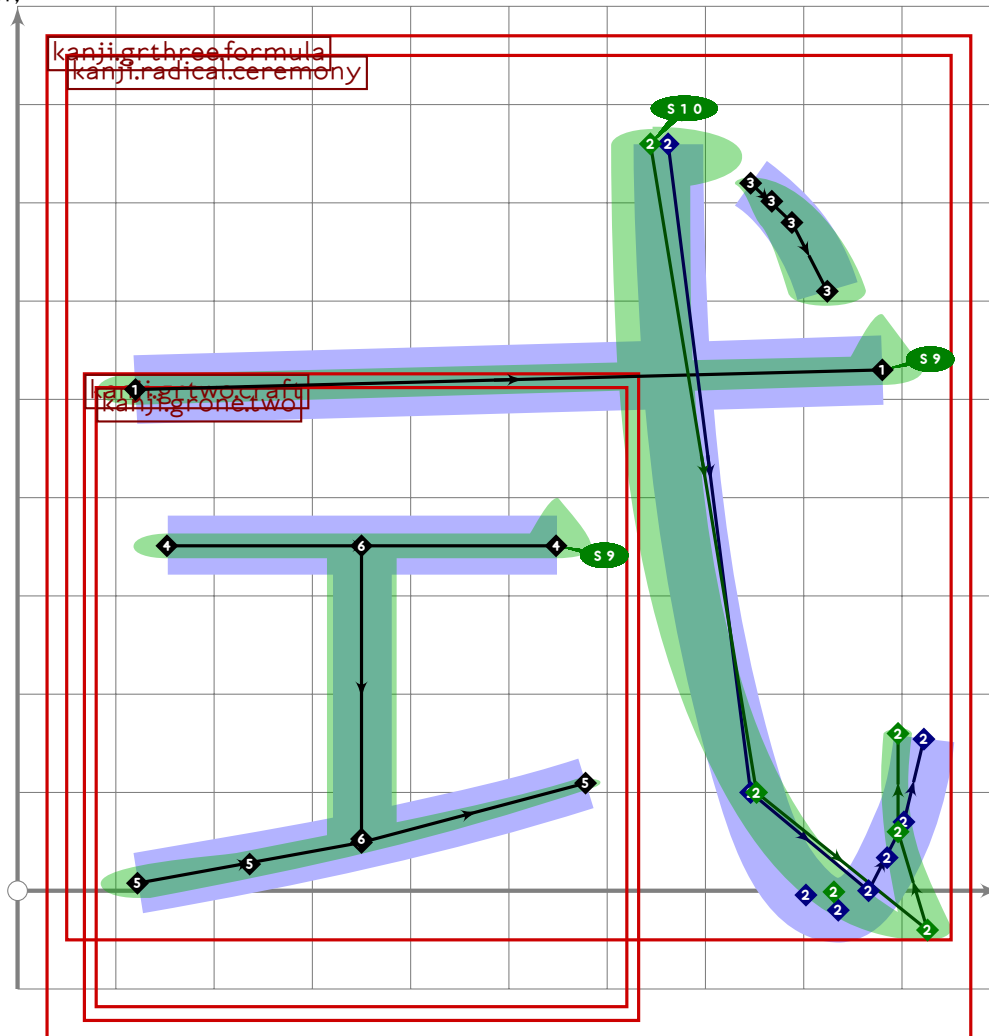
373
374 vardef kanji.grthree.festival =
375   push_pbox__toexpand("kanji.grthree.festival");
376   build_kanji.level(
377     push_stroke((230,810)..tension 1.2..(170,670)..(50,540),
378       (1.5,1.5)-(1.3,1.3)-(0.85,0.9));
379     set_boserif(0,0,10);
380     push_stroke((240,780)-(460,780)..(410,680)..(300,540)..(60,370),
381       (1.5,1.5)-(1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(0.85,0.9));
382     set_boserif(0,1,4);
383     set_botip(0,1,0);
384     push_stroke((210,700)..tension 1.2..(270,670)..(320,620),
385       (1,1)-(1.4,1.4)-(1.7,1.7));
386     push_stroke((140,590)..tension 1.2..(200,560)..(250,510),
387       (1,1)-(1.4,1.4)-(1.7,1.7));
388     push_stroke((540,810)..tension 1.2..(680,570)..(920,400),
389       (1,1)-(1.3,1.3)-(2.25,0.95));
390     push_stroke((575,780)-(880,780)..(830,700)..(780,650)..(670,580),
391       (1.5,1.5)-(1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(0.85,0.9));
392     set_boserif(0,1,4);
393     set_botip(0,1,0);

```

```

394   push_stroke((330,470)-(660,470),(1.6,1.6)-(1.6,1.6));
395   set_boserif(0,1,9);
396   build_kanji.sscale(yscaled 0.6 shifted (0,-150))(kanji.grfive.showing);
397   obstacktype[find_whatever(otstroke,-4)]:=otnull;
398 );
399 expand_pbox;
400 enddef;

```



THRE

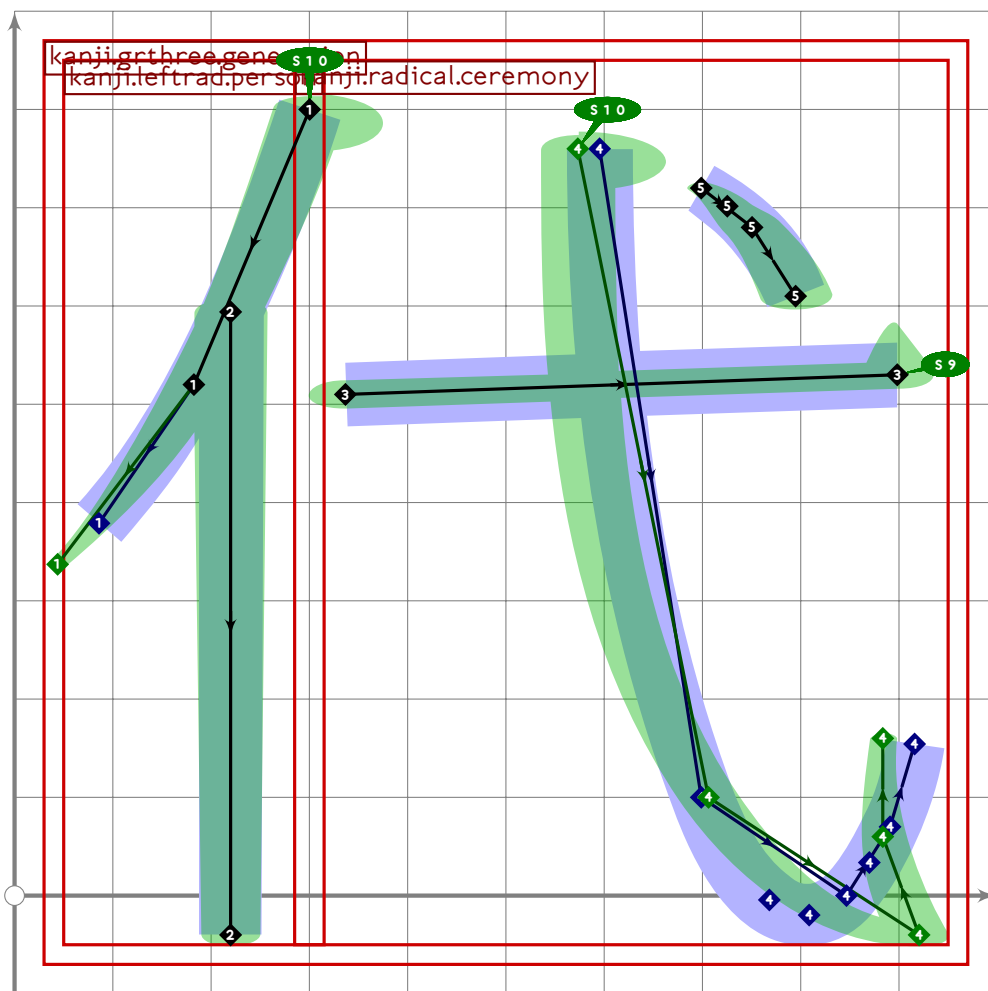
```

401
402 vardef kanji.grthree.formula =
403   push_pbox_toexpand("kanji.grthree.formula");
404   kanji.radical.ceremony;
405   replace_stroke(-1)(oldp shifted (-950,0) xscaled 0.6 shifted (950,0));
406   replace_stroke(0)(oldp shifted (-950,0) xscaled 0.6 shifted (950,0));
407   build_kanji.sscale(xyscaled (0.6,0.7) shifted (-150,200))
408     (build_kanji.lift_skirt(400,250)(kanji.grtwo.craft));
409   expand_pbox;
410 enddef;

```

U+4EE3
tsuku.uni4EE3

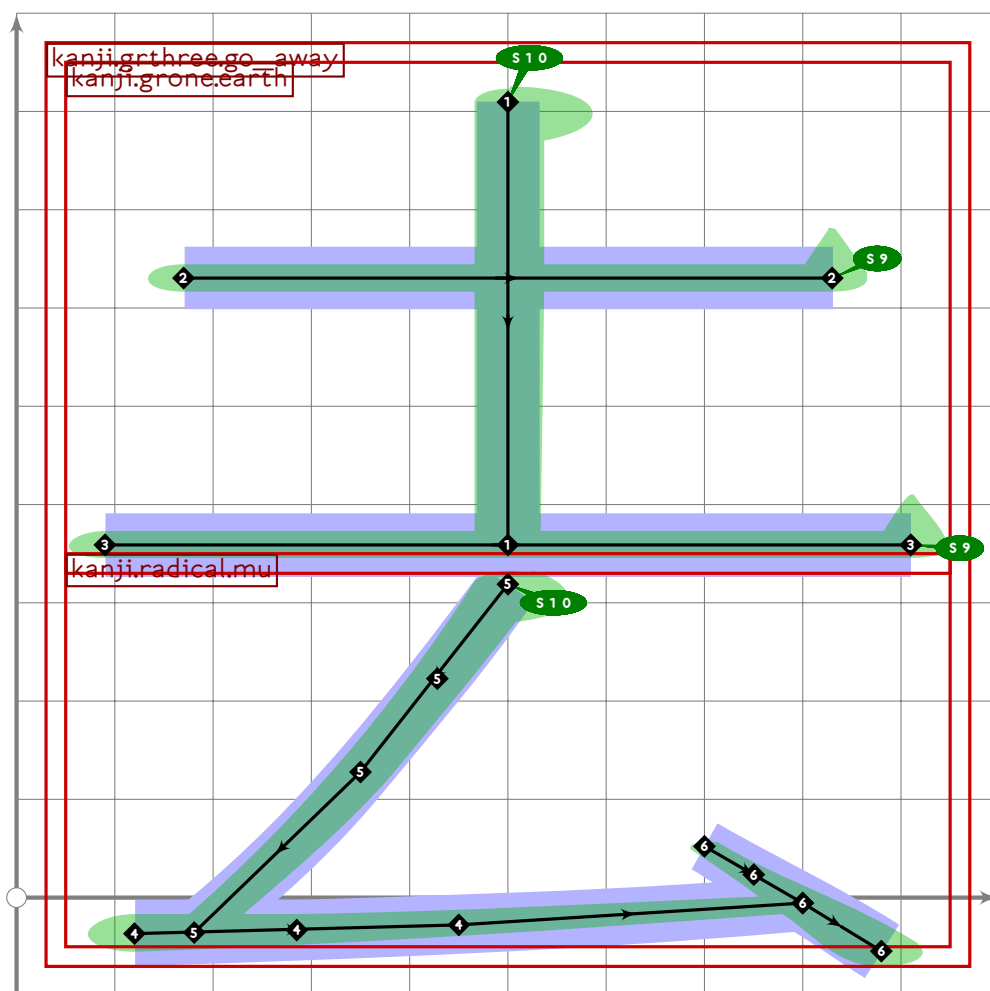
THRE



```

411
412 vardef kanji.grthree.generation =
413   push_pbox_toexpand("kanji.grthree.generation");
414   build_kanji.lr(300,30)
415     (kanji.leftrad.person)
416     (kanji.radical.ceremony);
417   expand_pbox;
418 enddef;

```



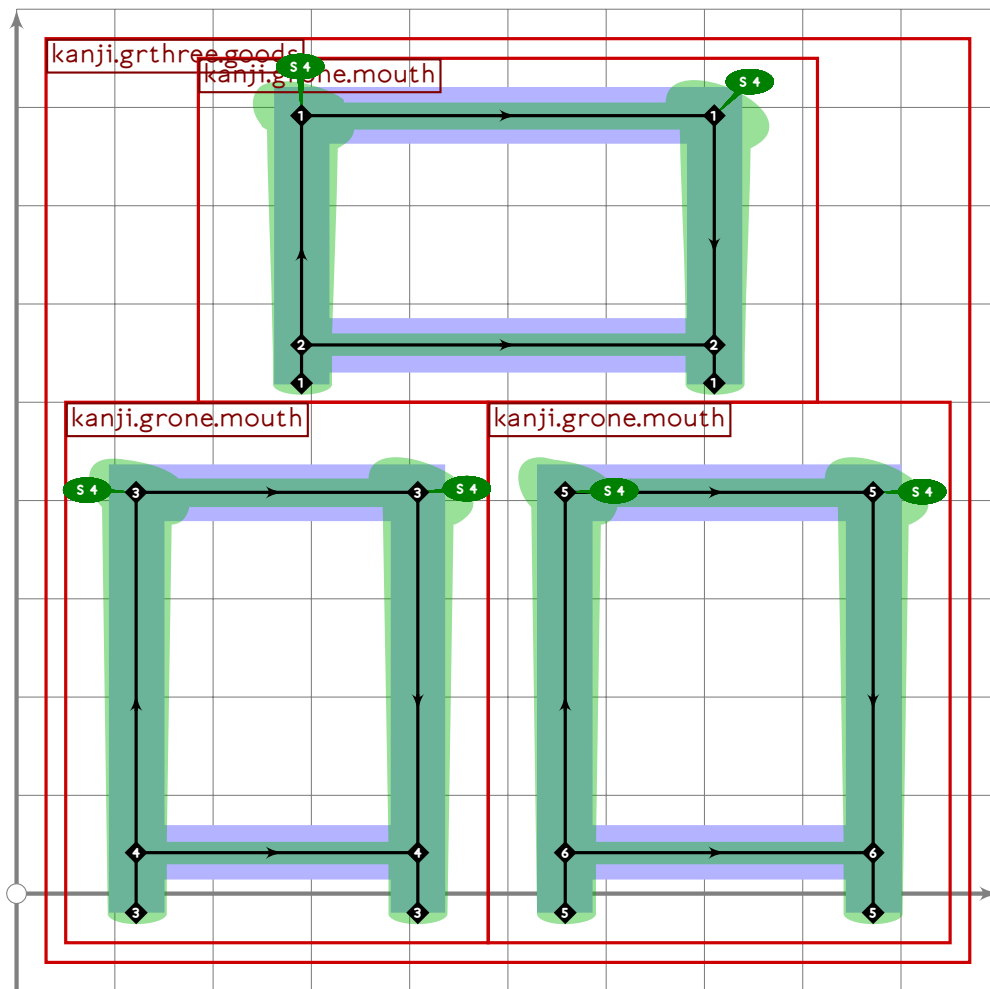
```

419
420 vardef kanji.grthree.go_away =
421   push_pbox_toexpand("kanji.grthree.go_away");
422   build_kanji.tb(340,20)
423     (kanji.grone.earth)
424     (kanji.radical.mu);
425   expand_pbox;
426 enddef;

```

U+54C1
tsuku.uni54C1

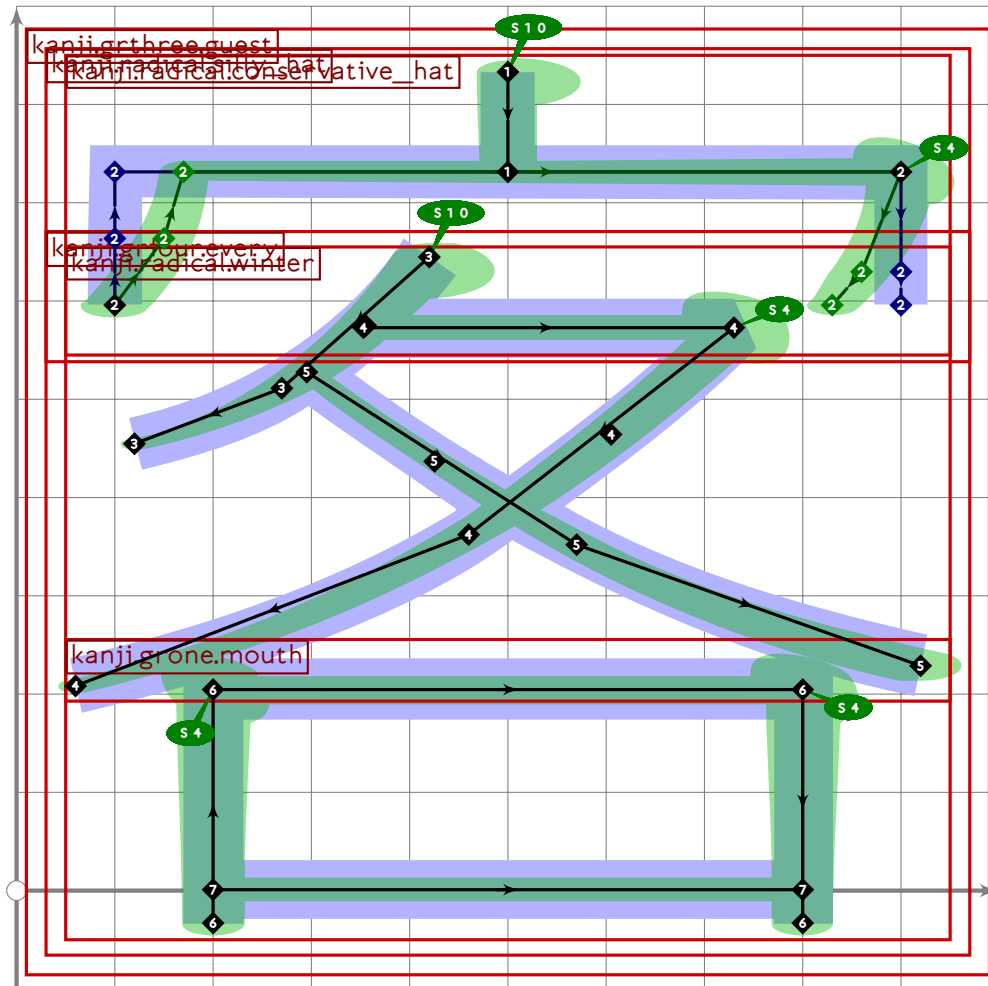
THRE



```

427
428 vardef kanji.grthree.goods =
429   push_pbox_toexpand("kanji.grthree.goods");
430   build_kanji.level(build_kanji.tricluster(0.7)
431     (kanji.grone.mouth)
432     (kanji.grone.mouth)
433     (kanji.grone.mouth));
434   expand_pbox;
435 enddef;

```



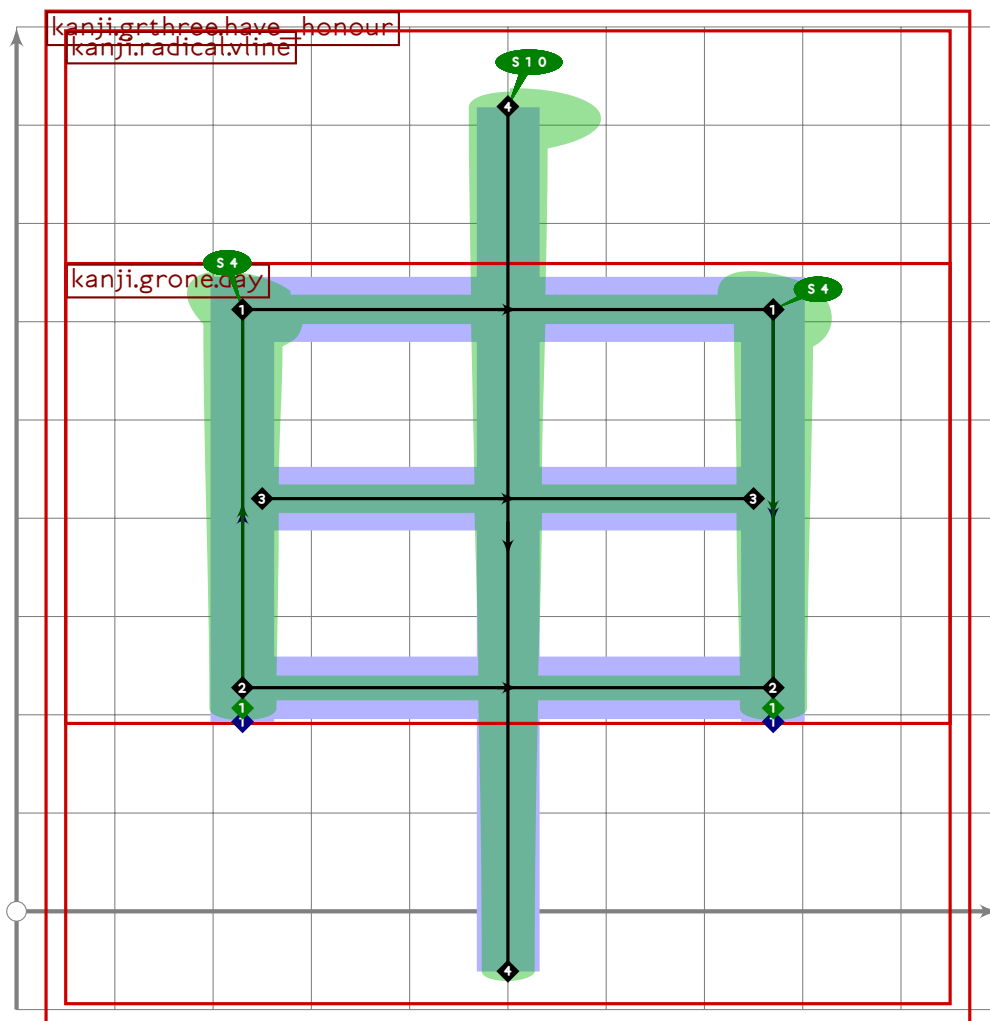
```

436
437 vardef kanji.grthree.guest =
438   push_pbox_toexpand("kanji.grthree.guest");
439   build_kanji.tb(600,110)
440     (kanji.radical.silly_hat)
441     (kanji.grfour.every);
442   expand_pbox;
443 enddef;

```

U+7533
tsuku.uni7533

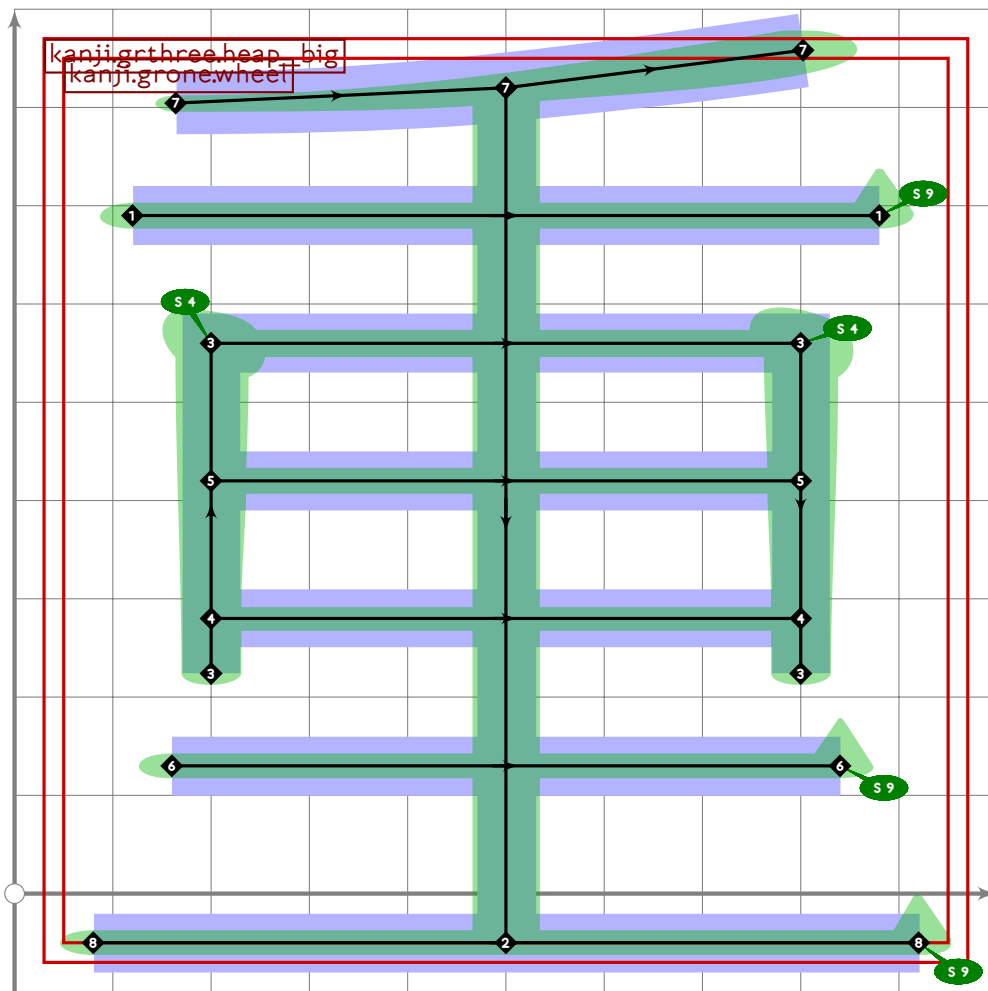
THRE



```

444
445 vardef kanji.grthree.have_honour =
446   push_pbox_toexpand("kanji.grthree.have_honour");
447   perl_structure:=perl_structure&"eids.u2FFB._11_";
448   build_kanji.level(
449     build_kanji.sscale(yscaled 0.52 shifted (0,30))(kanji.grone.day);
450     build_kanji.sscale(yscaled 1.1)(kanji.radical.vline));
451   expand_pbox;
452 enddef;

```

THRE

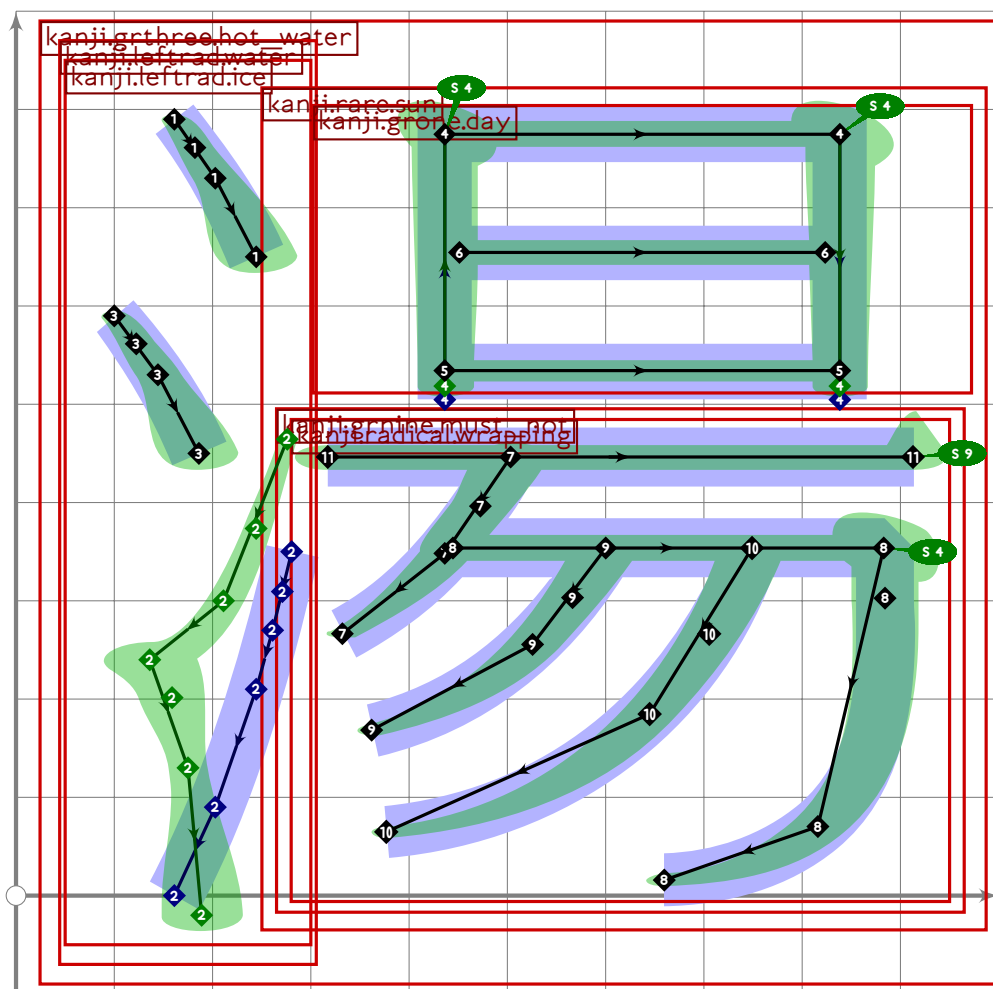
```

453
454 vardef kanji.grthree.heap_big =
455   push_pbox__toexpand("kanji.grthree.heap_big");
456   build_kanji.add_beret(kanji.grthree.wheel);
457   push_stroke(get_stroke(-1),(1.6,1.6)-(1.6,1.6));
458   replace_stroke(0)(oldp shifted (0,-50~ypart llcorner oldp));
459   replace_stroke(-2)
460     ((160,ypart point 0 of oldp)-(840,ypart point 1 of oldp));
461   set_bosertif(0,19);
462   set_bosize(0,get_bosize(-2));
463   expand_pbox;
464 enddef;

```

U+6E6F
tsuku.uni6E6F

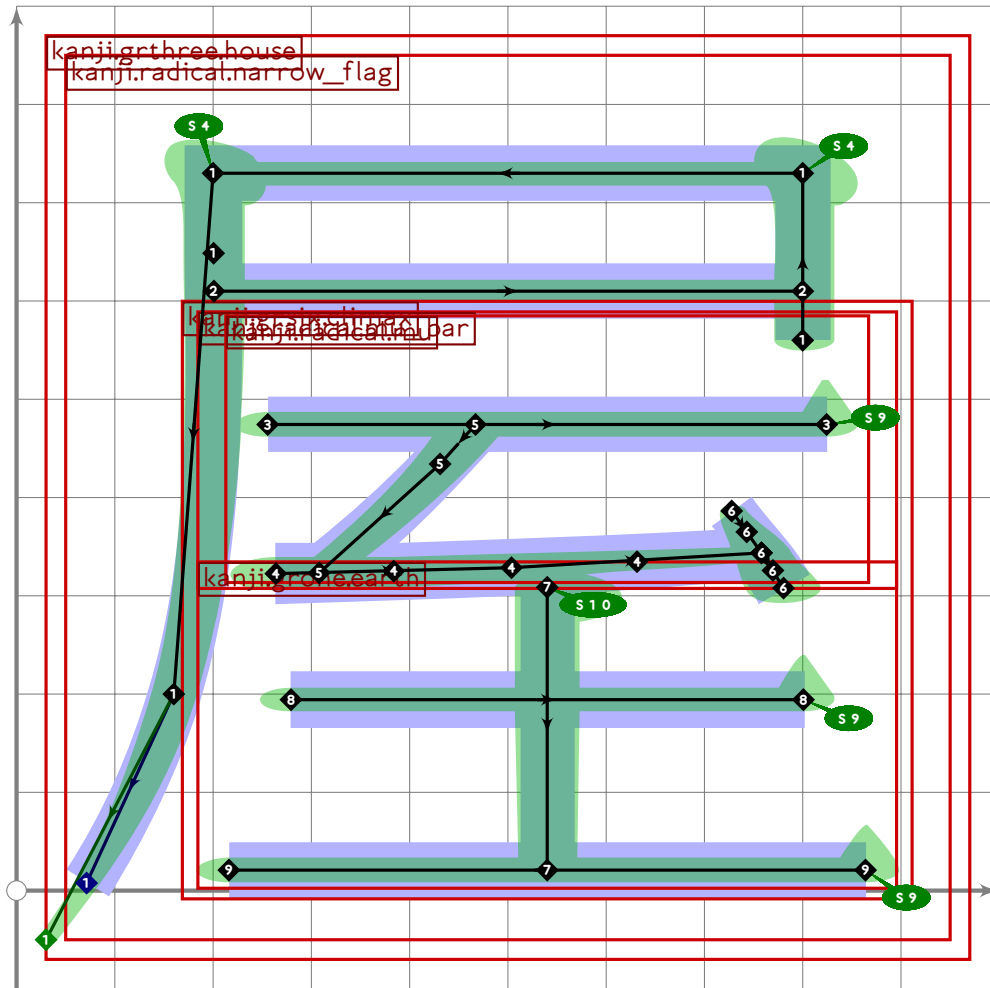
THRE



```

465
466 vardef kanji.grthree.hot_water =
467   push_pbox_toexpand("kanji.grthree.hot_water");
468   build_kanji.lr(290,20)
469   (kanji.leftrad.water)
470   (build_kanji.sscale(yscaled 0.9)(kanji.rare.sun));
471   expand_pbox;
472 enddef;

```



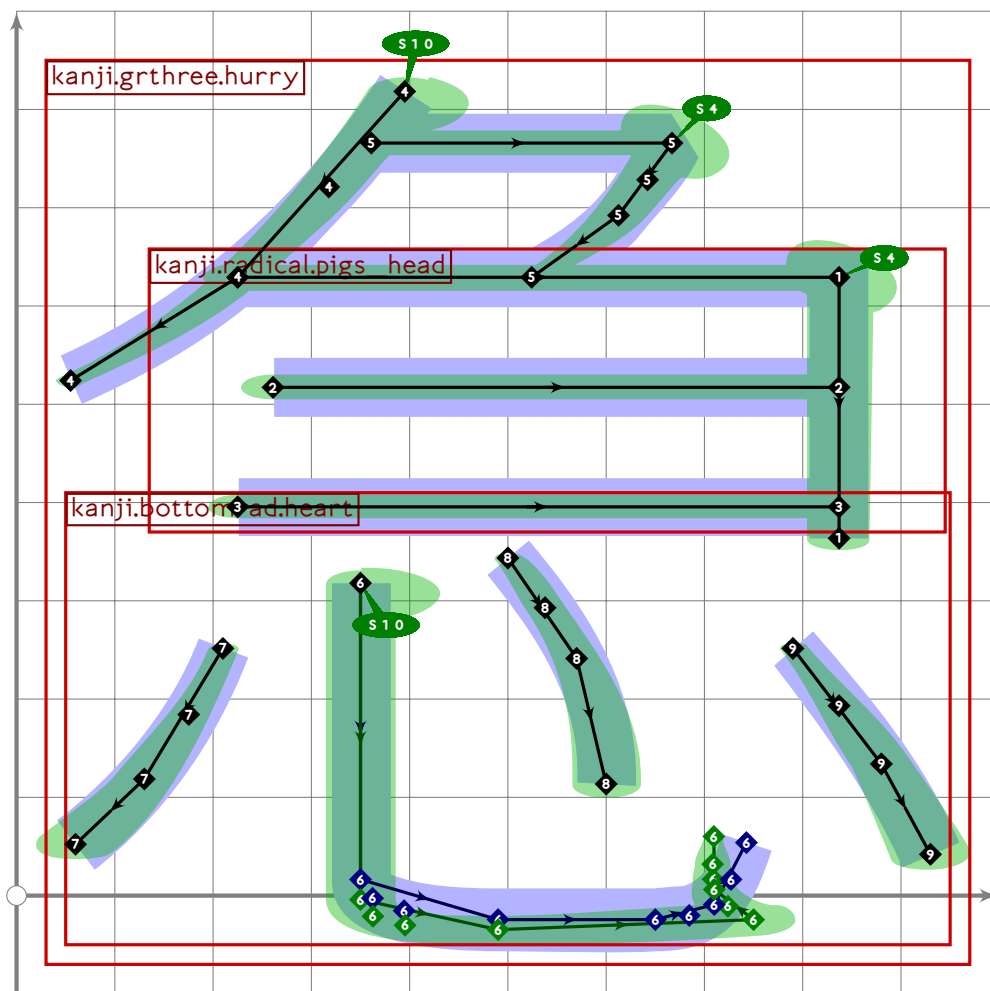
THRE

```

473
474 vardef kanji.grthree.house =
475   push_pbox_toexpand("kanji.grthree.house");
476   build_kanji.level(
477     kanji.radical.narrow_flag;
478     build_kanji.sscale(xyscaled (0.79,0.54) shifted (40,150))
479     (kanji.grsix.climax));
480   expand_pbox;
481 enddef;

```

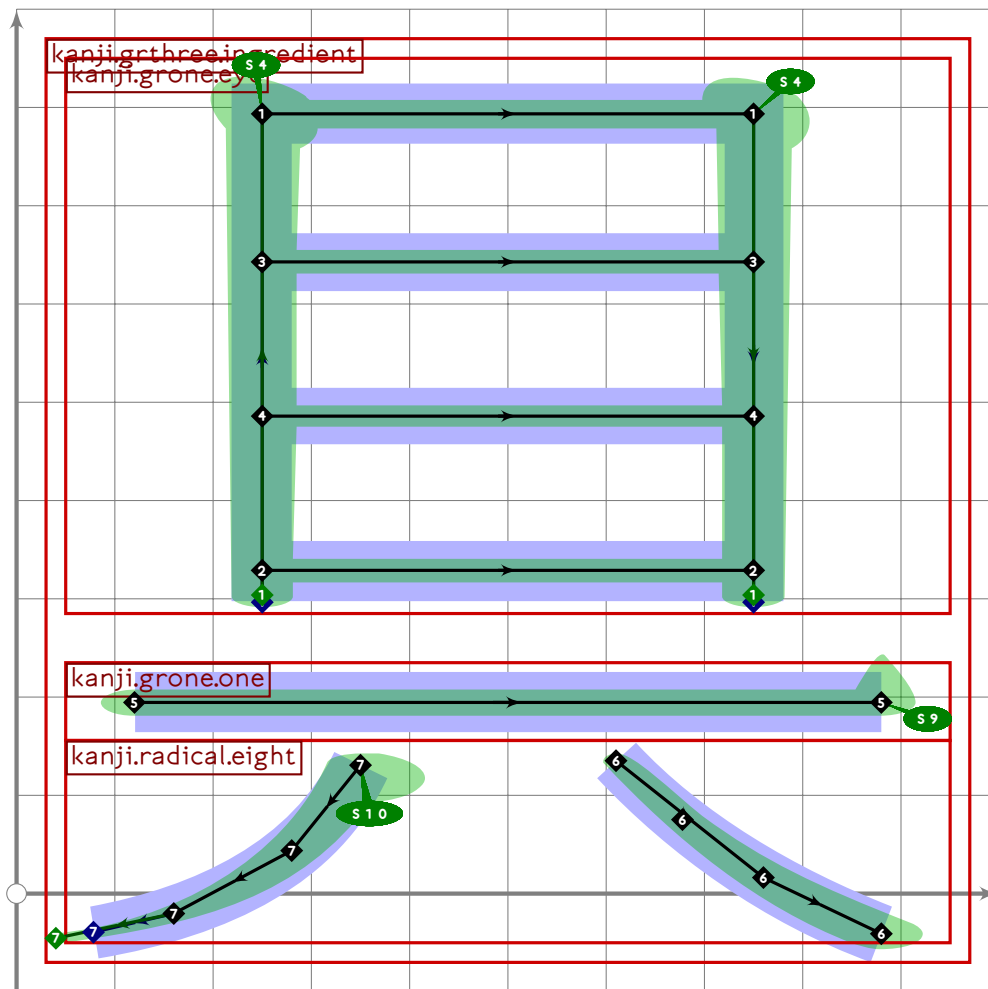
THRE



```

482
483 vardef kanji.grthree.hurry =
484   push_pbox_toexpand("kanji.grthree.hurry");
485   build_kanji.level(build_kanji.tb(390,40)
486     (build_kanji.sscale(xscaled 0.9 shifted (40,0))
487       (build_kanji.attach_fishhook(0.6)
488         (kanji.radical.pigs_head))))
489   (kanji.bottomrad.heart));
490   expand_pbox;
491 enddef;

```



THRE

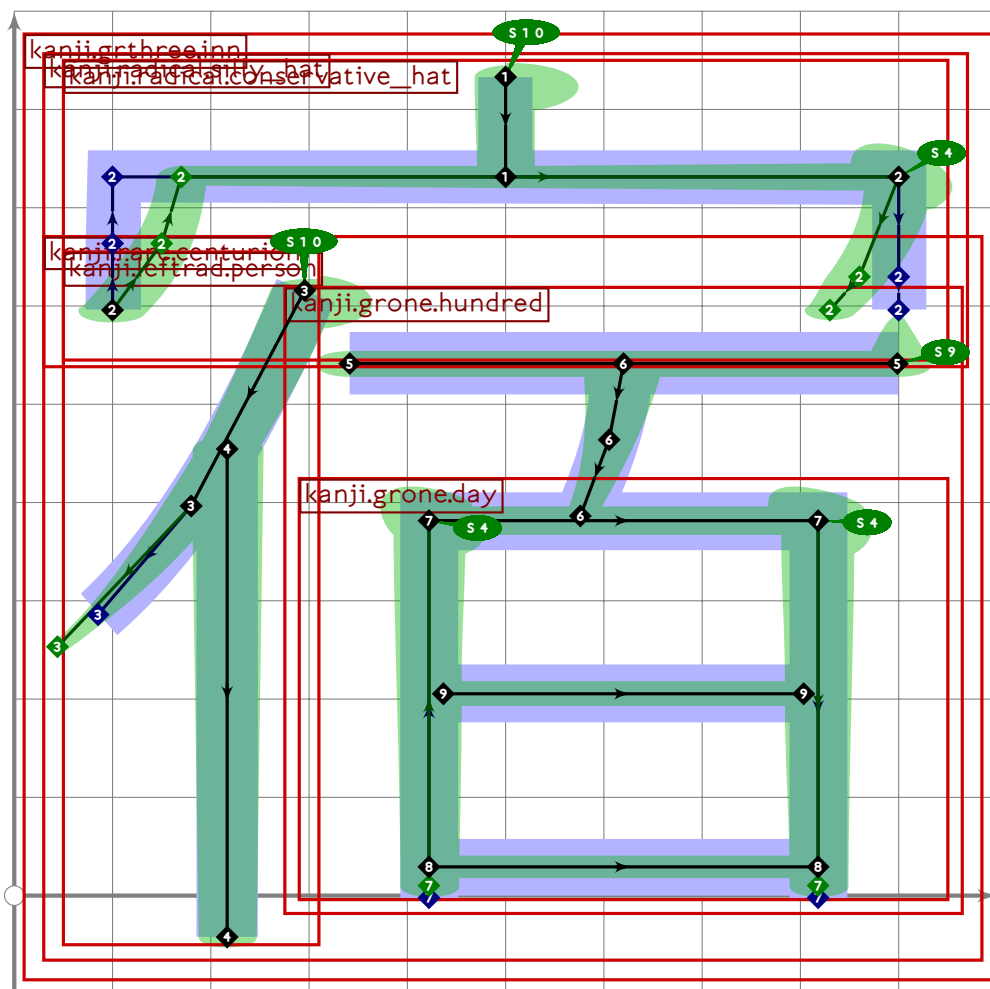
```

492
493 vardef kanji.grthree.ingredient =
494   push_pbox__toexpand("kanji.grthree.ingredient");
495   build_kanji.level(build_kanji.tb(260,-50)
496     (kanji.grone.ey)
497     (build_kanji.tb(600,0)
498       (kanji.grone.one)
499       (kanji.radical.eight)));
500   expand_pbox;
501 enddef;

```

U+5BBF
tsuku.uni5BBF

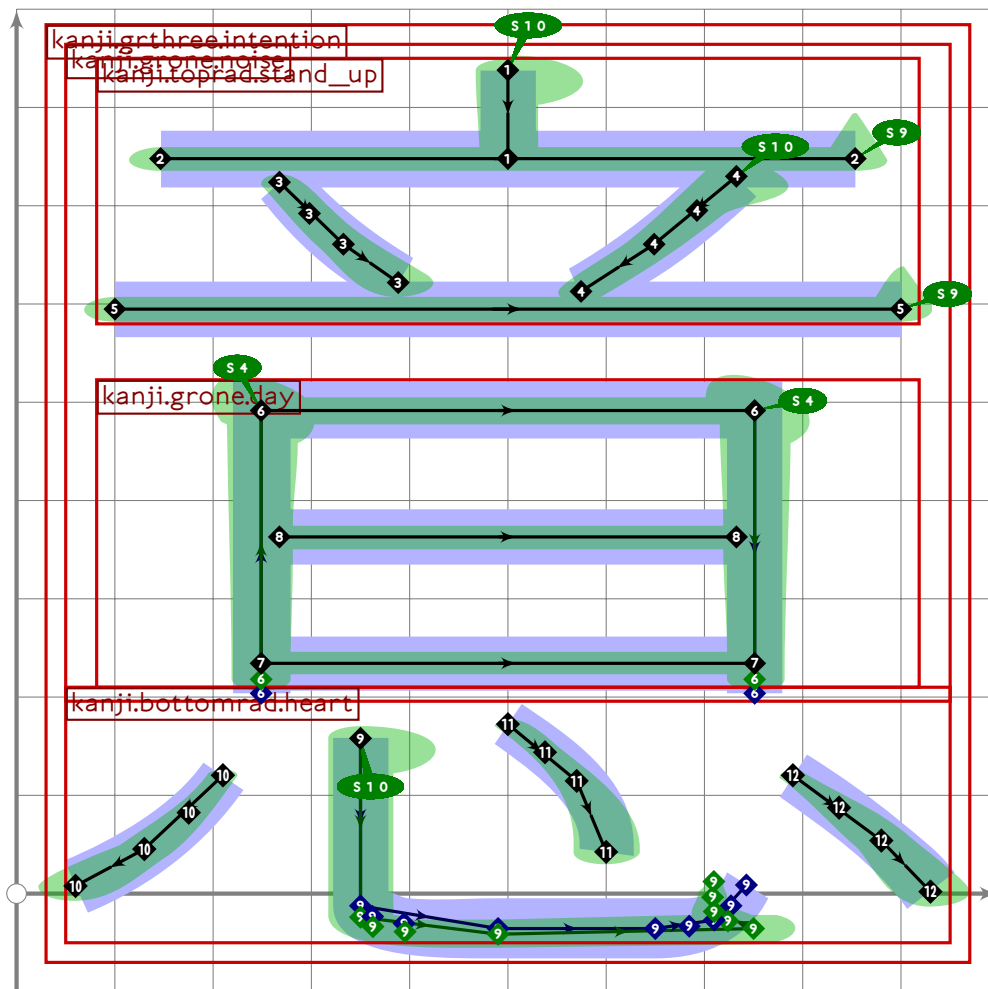
THRE



```

502
503 vardef kanji.grthree.inn =
504   push_pbox_toexpand("kanji.grthree.inn");
505   build_kanji.tb(600,110)
506   (kanji.radical.silly_hat)
507   (kanji.rare.centurion);
508   expand_pbox;
509 enddef;

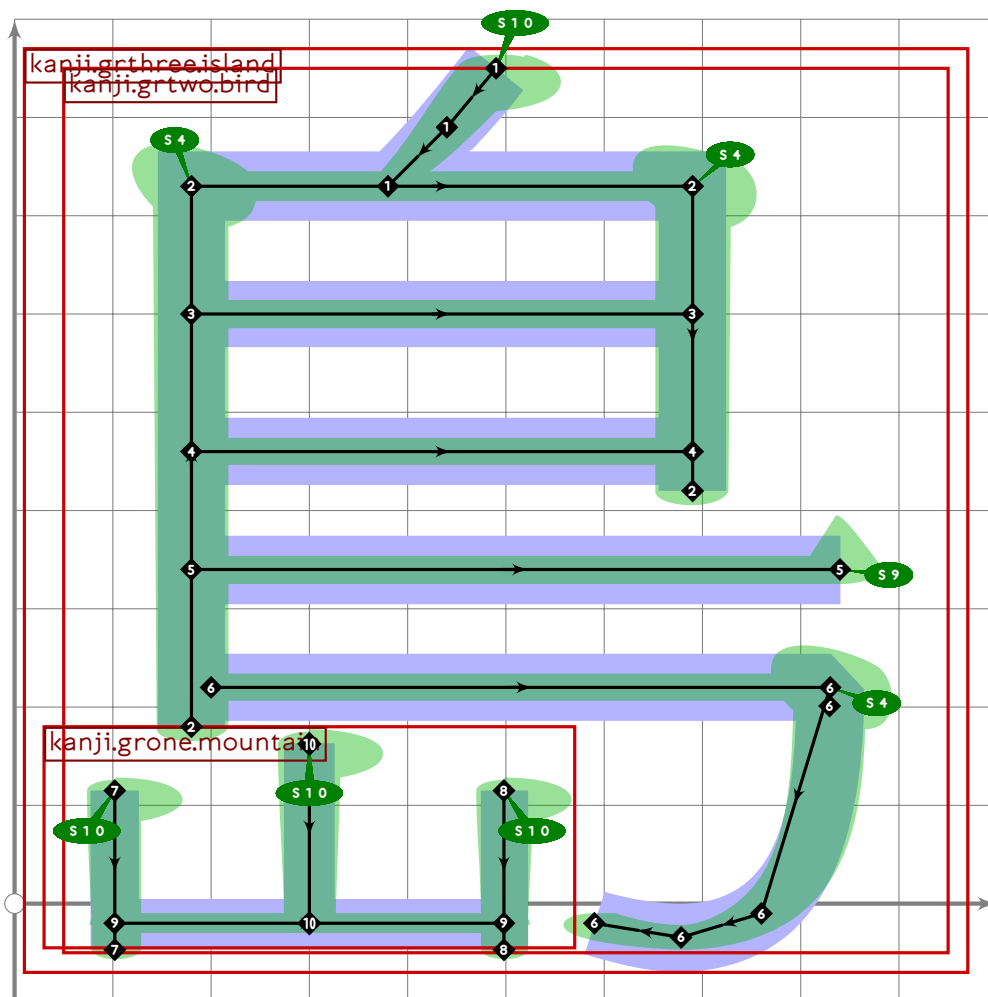
```



645

U+5CF6
tsuku.uni5CF6

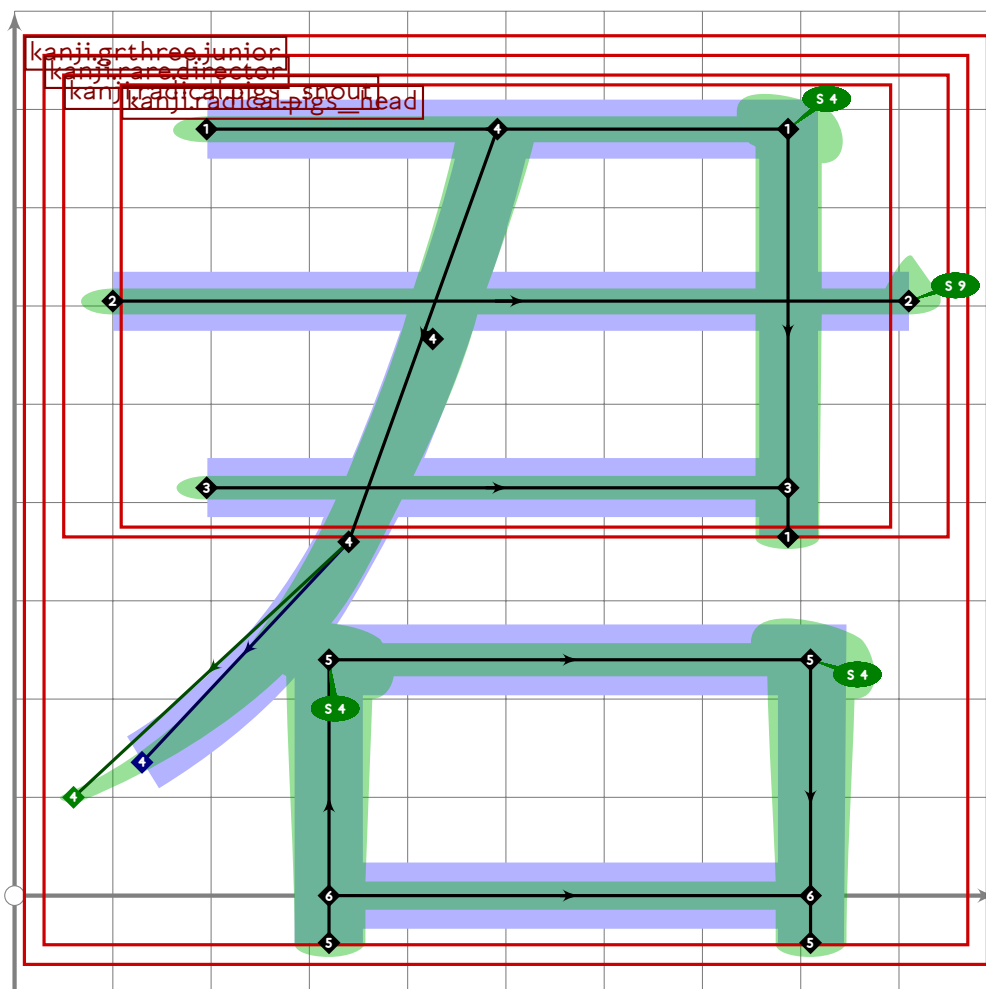
THRE



```

518
519 vardef kanji.grthree.island =
520   push_pbox_toexpand("kanji.grthree.island");
521   perl_structure:=perl_structure&"eids.u2FF9.u2FFB._1"&
522     "u0028.u002D.u0034.u0029!_";
523   kanji.grtwo.bird;
524   pop_stroke;pop_stroke;pop_stroke;pop_stroke;
525   build_kanji.sscale(xyscaled (0.6,0.25) shifted (-200,-325))
526     (kanji.grone.mountain);
527   expand_pbox;
528 enddef;

```

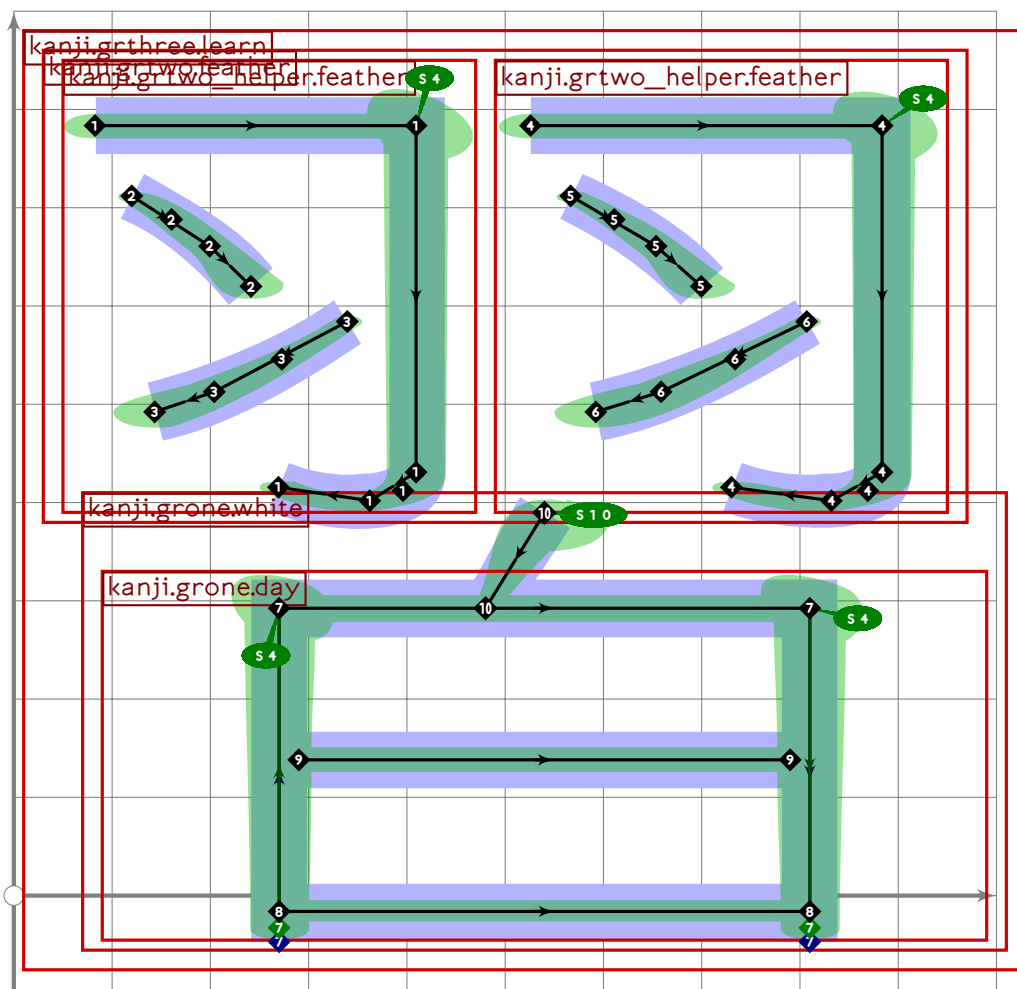
THRE

```

529
530 vardef kanji.grthree.junior =
531   push_pbox_toexpand("kanji.grthree.junior");
532   kanji.rare.director;
533   build_kanji.box((320,240),(810,0));
534   expand_pbox;
535 enddef;

```

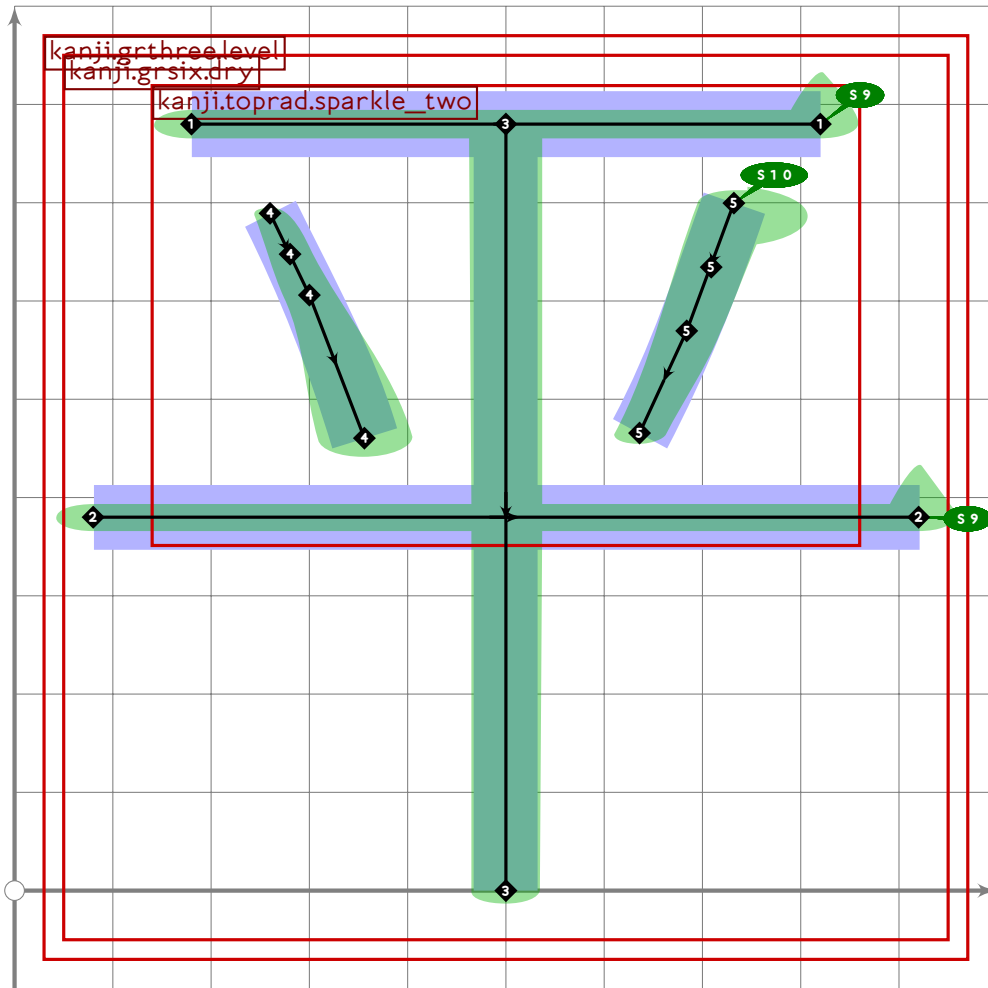
THRE



```

536
537 vardef kanji.grthree.learn =
538   push_pbox_toexpand("kanji.grthree.learn");
539   build_kanji.level(build_kanji.tb(400,20)
540     (kanji.grtwo.feather)
541     (tsu_xform(identity shifted (40,0))(kanji.grone.white)));
542   expand_pbox;
543 enddef;

```



THRE

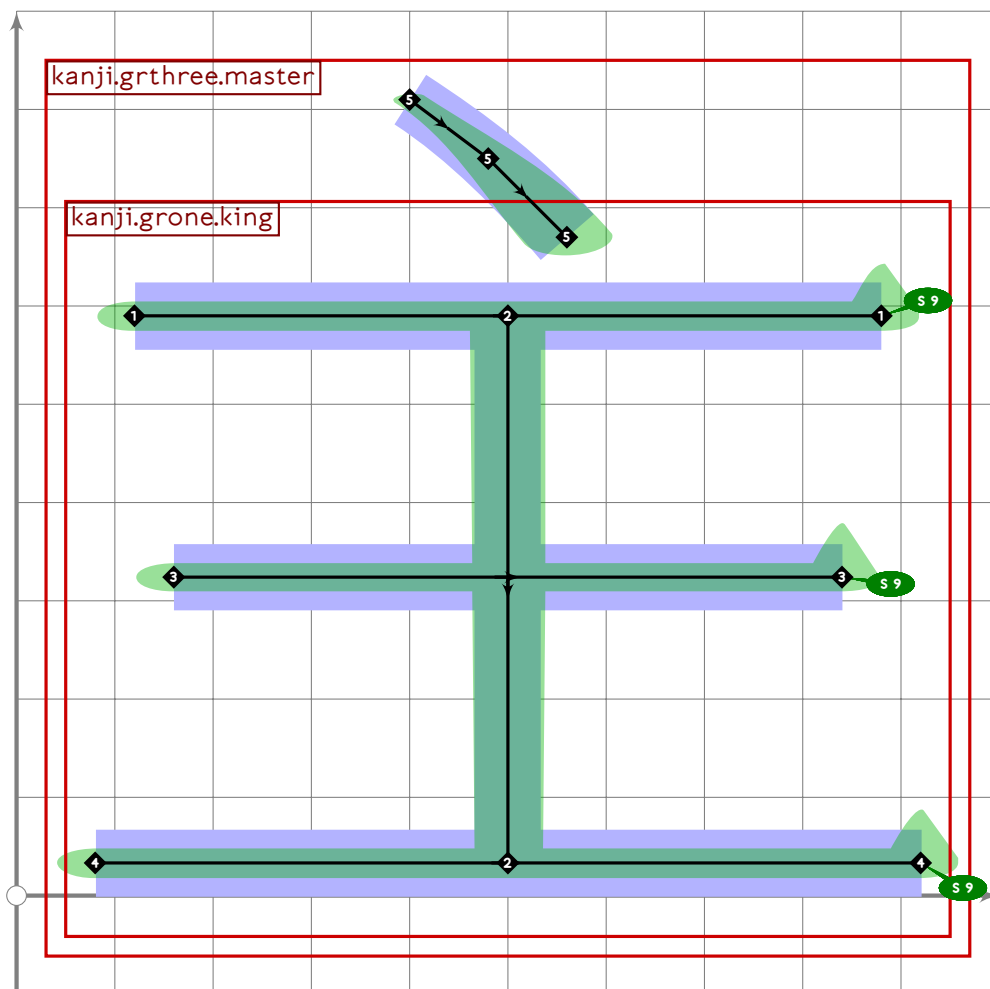
```

544
545 vardef kanji.grthree.level =
546   push_pbox_toexpand("kanji.grthree.level");
547   build_kanji.level(
548     kanji.grsix.dry;
549     replace_stroke(-1)(oldp shifted (0,-90));
550     build_kanji.sscale(xyscaled (0.8,0.52) shifted (0,190))
551     (kanji.toprad.sparkle_two));
552   expand_pbox;
553 enddef;

```

U+4E3B
tsuku.uni4E3B

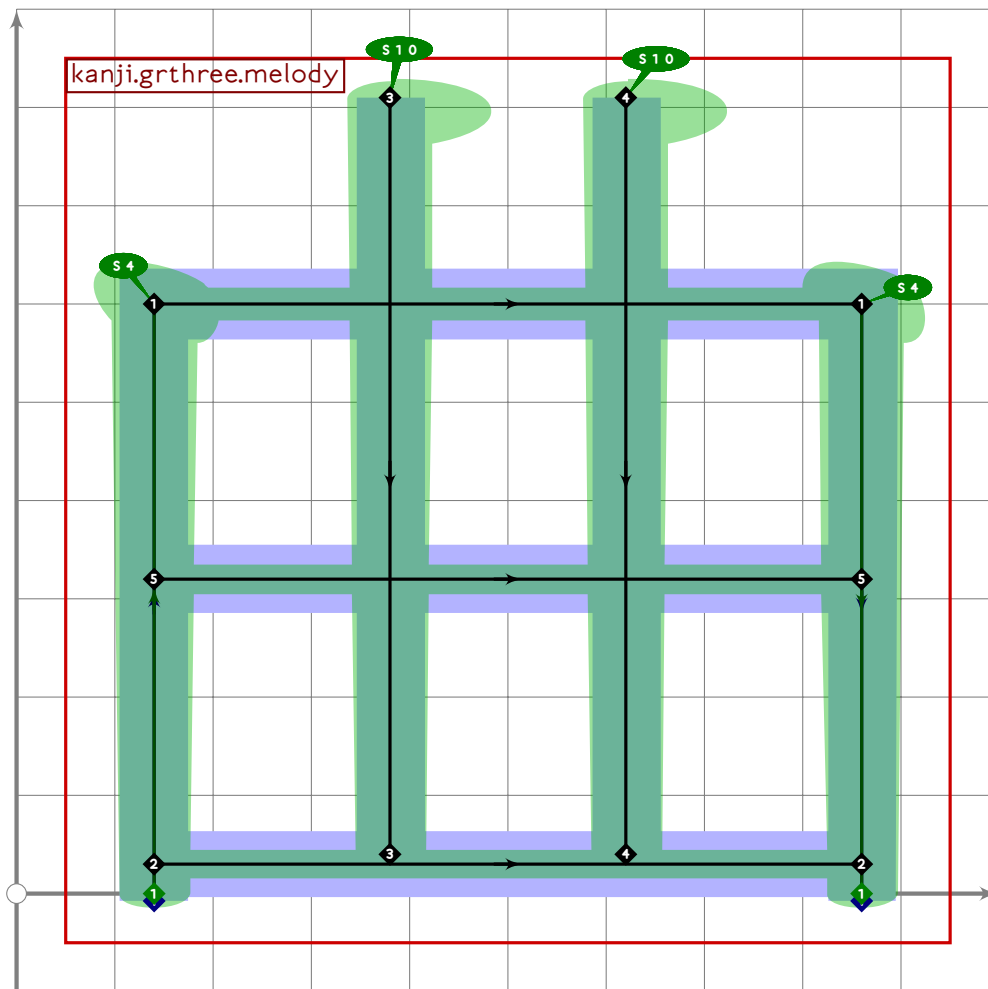
THRE



```

554
555 vardef kanji.grthree.master =
556   push_pbox__toexpand("kanji.grthree.master");
557   build_kanji.level(
558     tsu_xform(identity yscaled (590/710))(kanji.grone.king);
559     push_stroke((400,810)..(480,750)..(560,670),
560       (1,1)-(14,14)-(1.8,1.8));
561   expand_pbox;
562 enddef;

```



THRE

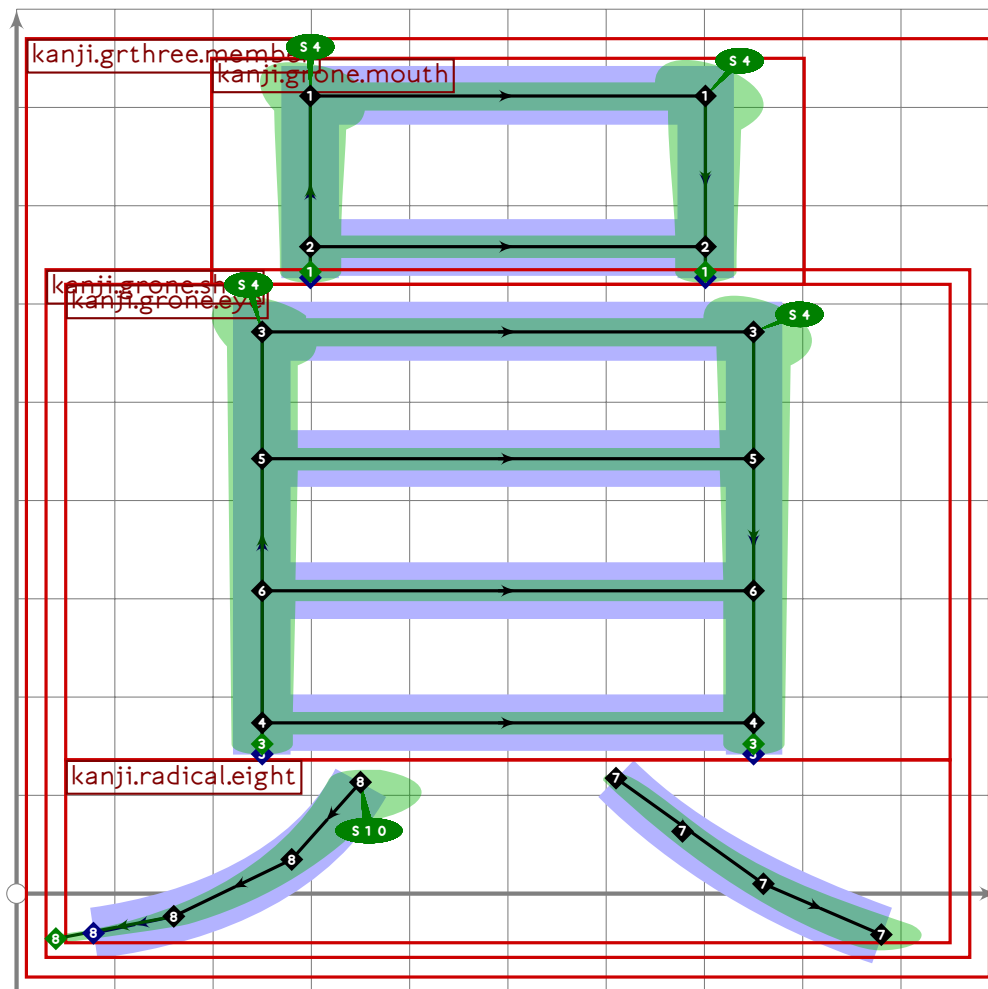
```

563
564 vardef kanji.grthree.melody =
565   push_pbox__toexpand("kanji.grthree.melody");
566   build_kanji.box((140,600),(860,30));
567   push_stroke((380,810)-(380,40),
568     (1.7,1.7)-(1.5,1.5));
569   set__boserif(0,0,10);
570   push_stroke((620,810)-(620,40),
571     (1.7,1.7)-(1.5,1.5));
572   set__boserif(0,0,10);
573   push_stroke((140,320)-(860,320),
574     (1.6,1.6)-(1.6,1.6));
575   expand_pbox;
576 enddef;

```

U+54E1
tsuku.uni54E1

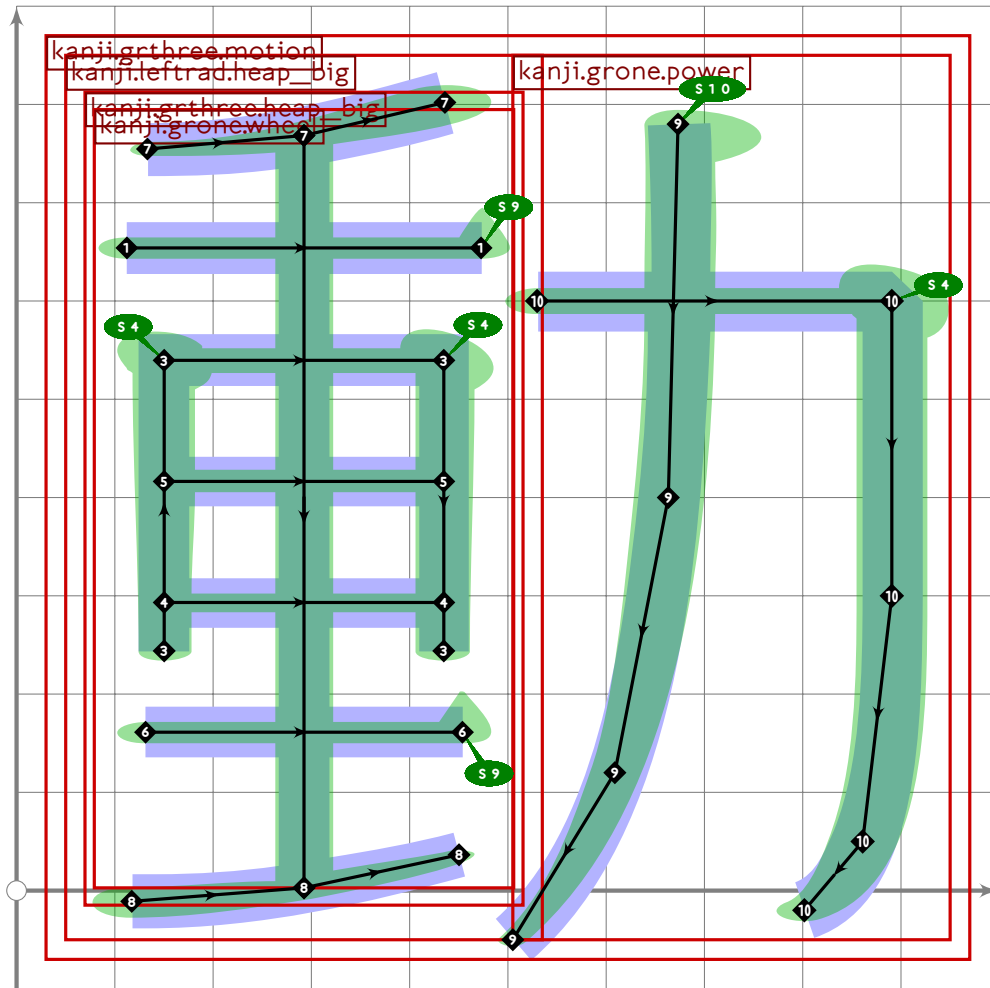
THRE



```

577
578 vardef kanji.grthree.member =
579   push_pbox_toexpand("kanji.grthree.member");
580   build_kanji.level(build_kanji.tb(620,0)
581     (build_kanji.sscale(xscaled 0.67)(kanji.grone.mouth))
582     (kanji.grone.shell));
583   expand_pbox;
584 enddef;

```



THRE

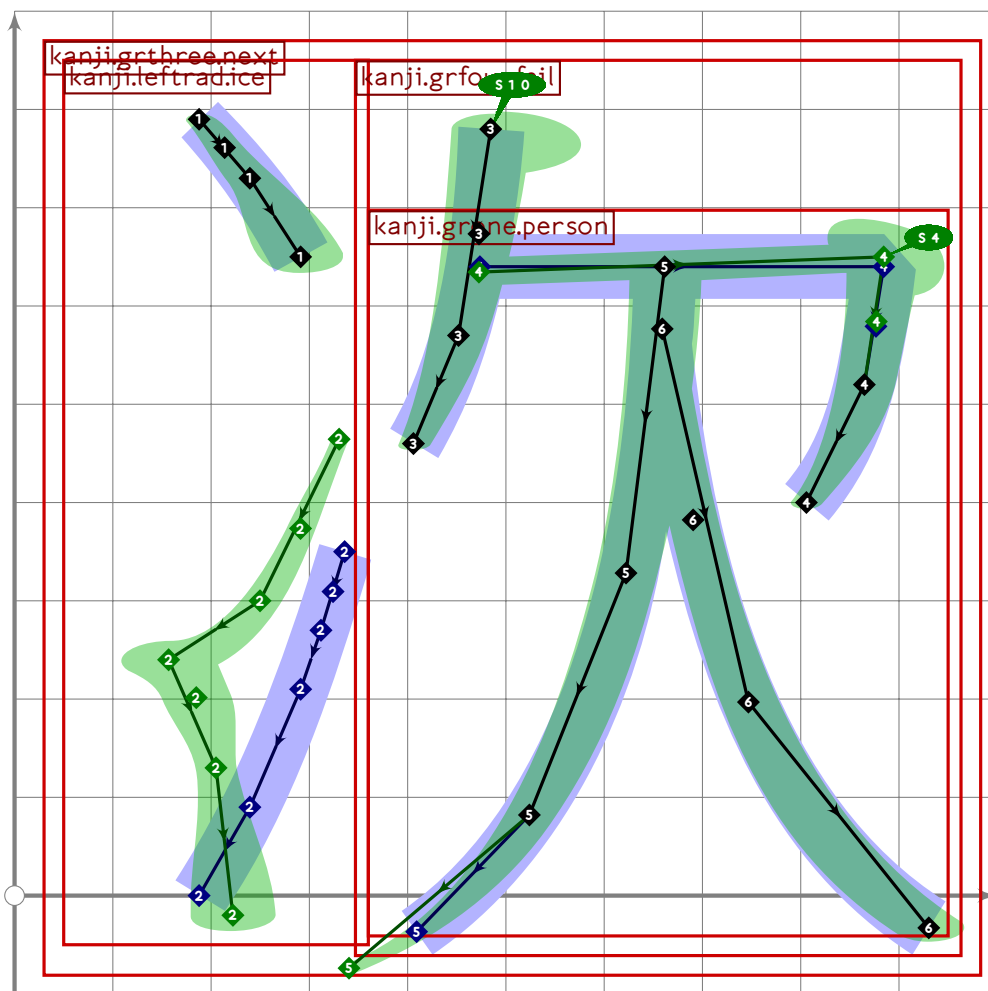
```

585
586 vardef kanji.grthree.motion =
587   push_pbox_toexpand("kanji.grthree.motion");
588   build_kanji.lr(520,30)
589     (kanji.leftrad.heap_big)
590     (kanji.grone.power);
591   expand_pbox;
592 enddef;

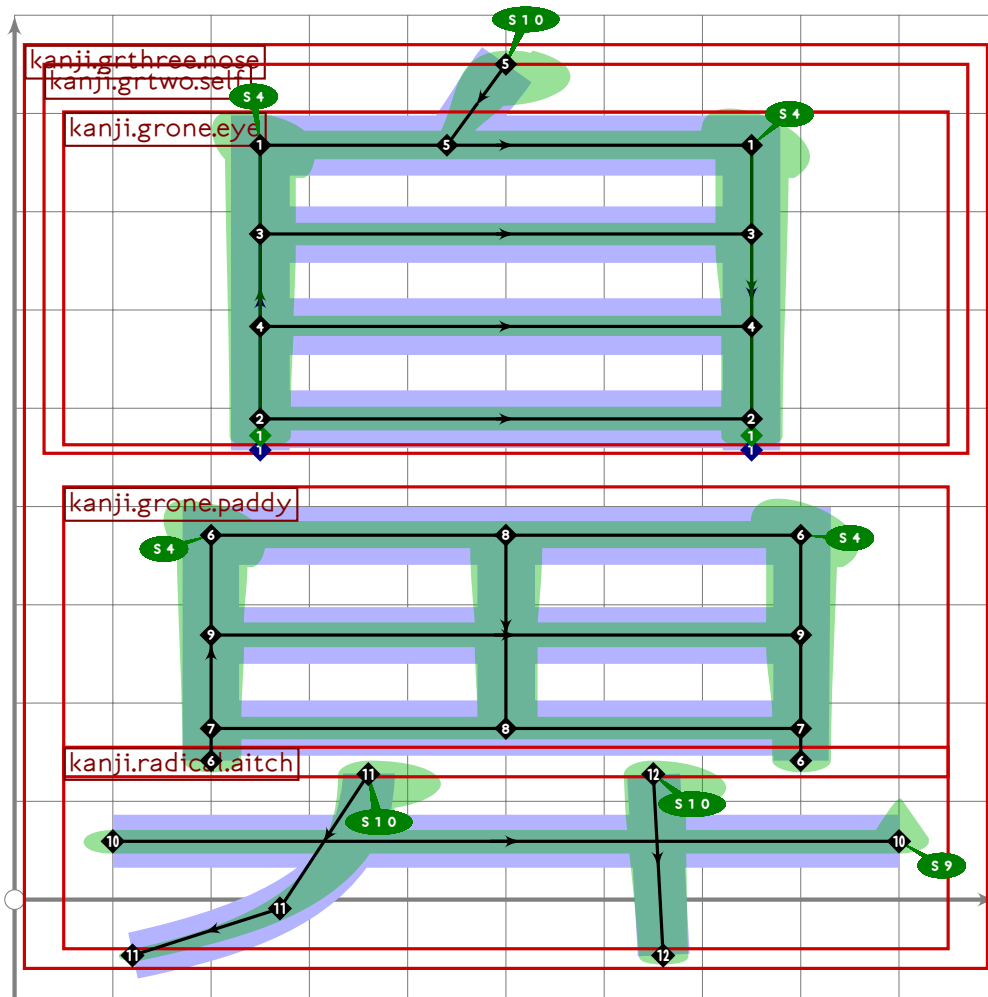
```

U+6B21
tsuku.uni6B21

THRE



```
593
594 vardef kanji.grthree.next =
595   push_pbox_toexpand("kanji.grthree.next");
596   build_kanji.lr(360,0)
597     (kanji.leftrad.ice)
598     (kanji.grfour.fail);
599   expand_pbox;
600 enddef;
```

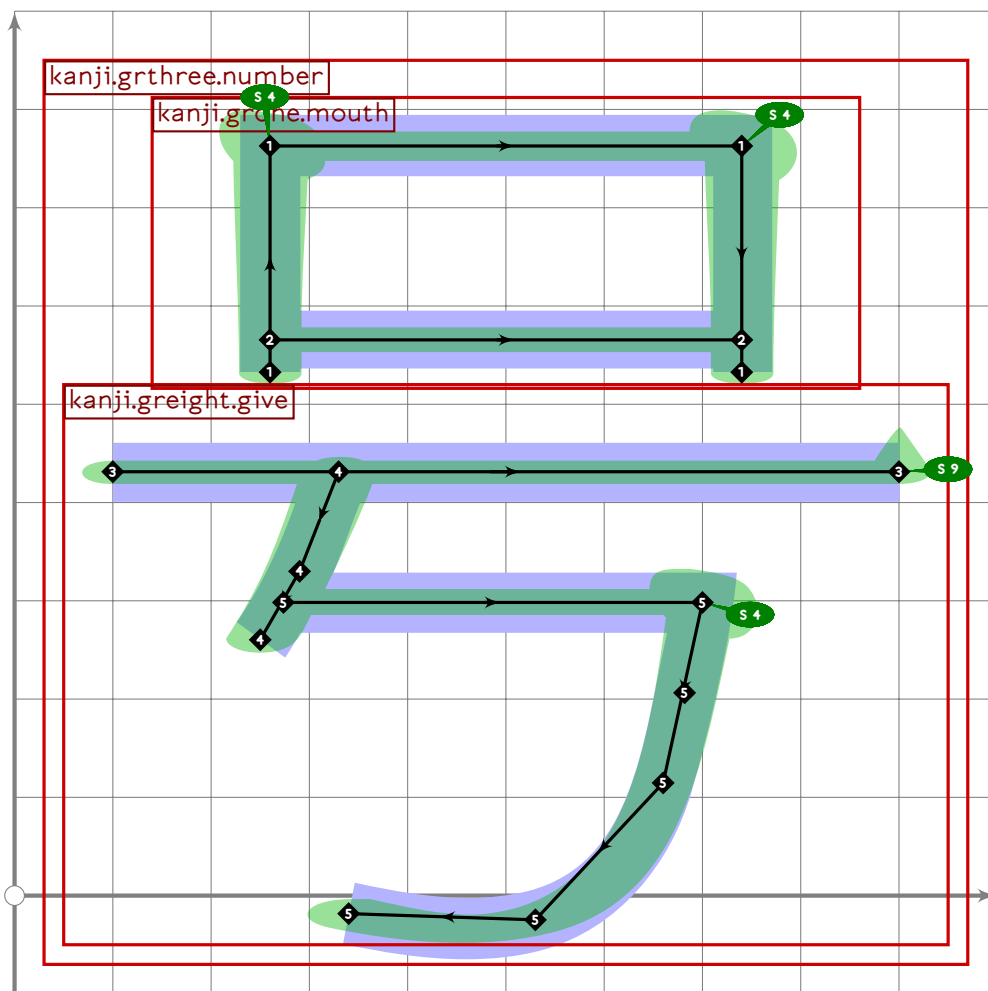
THRE

```

601
602 vardef kanji.grthree.nose =
603   push_pbox_toexpand("kanji.grthree.nose");
604   build_kanji.tcb(440,-40)(140,30)
605     (kanji.grtwo.self)
606     (kanji.grone.paddy)
607     (kanji.radical.aitch);
608   expand_pbox;
609 enddef;

```

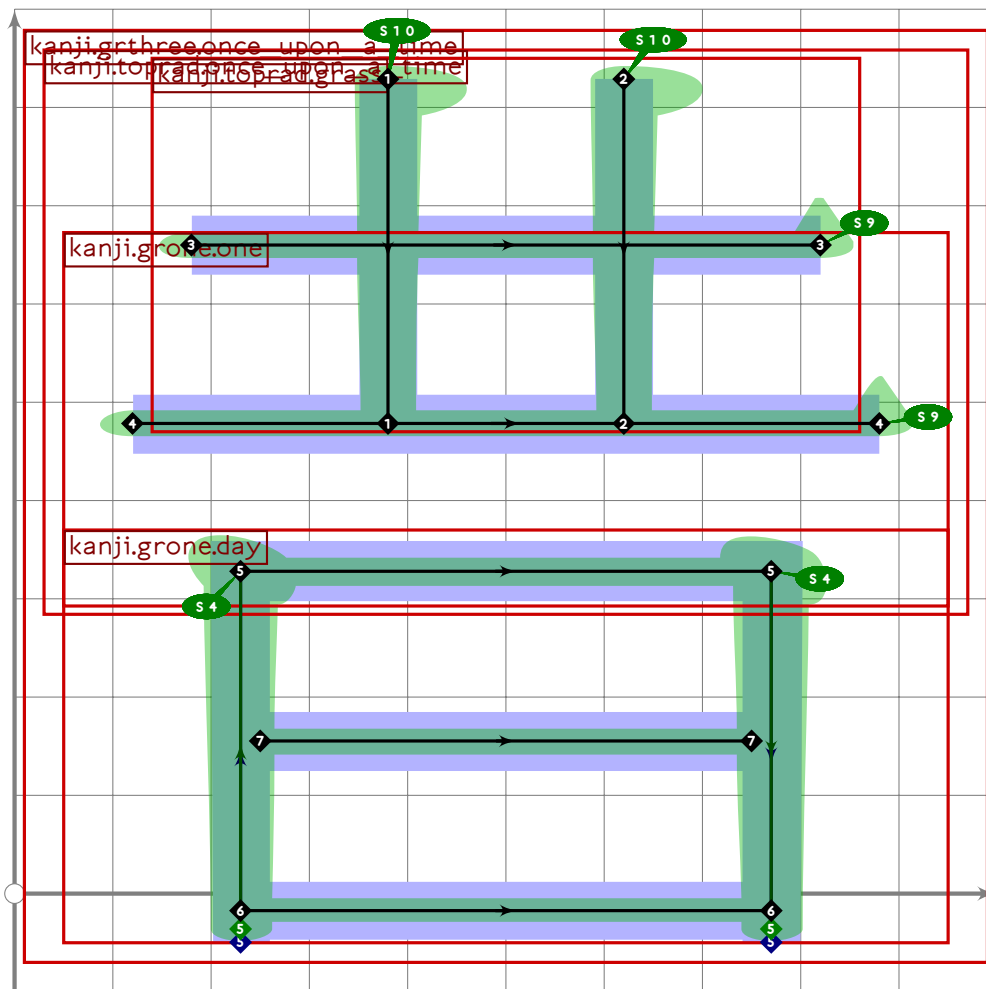
THRE



```

610
611 vardef kanji.grthree.number =
612   push_pbox__toexpand("kanji.grthree.number");
613   build_kanji.level(build_kanji.tb(500,40)
614     (build_kanji.sscale(scaled 0.8)(kanji.grone.mouth))
615     (kanji.greight.give;
616       pop_stroke;
617       replace_strokep(-2)((100,710)-(900,710));
618       replace_strokep(-1)(subpath (xpart (oldp intersectiontimes
619         get_strokep(-2)),infinity) of oldp));
620       set_boserif(-1,0,whatever));
621   expand_pbox;
622 enddef;

```



THRE

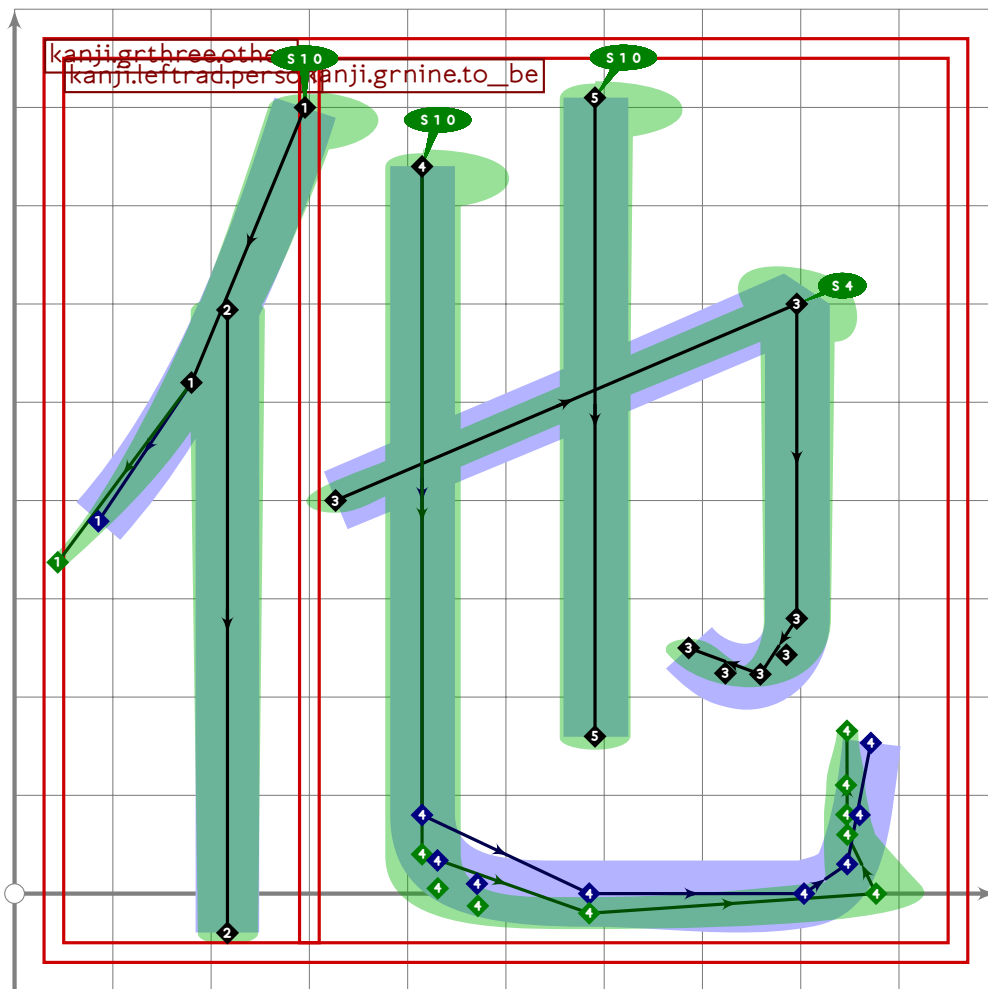
```

623
624 vardef kanji.grthree.once_upon_a_time =
625   push_pbox_toexpand("kanji.grthree.once_upon_a_time");
626   build_kanji.level(build_kanji.tb(420,-100)
627     (kanji.toprad.once_upon_a_time)
628     (kanji.grone.day));
629   expand_pbox;
630 enddef;

```

U+4ED6
tsuku.uni4ED6

THRE



```

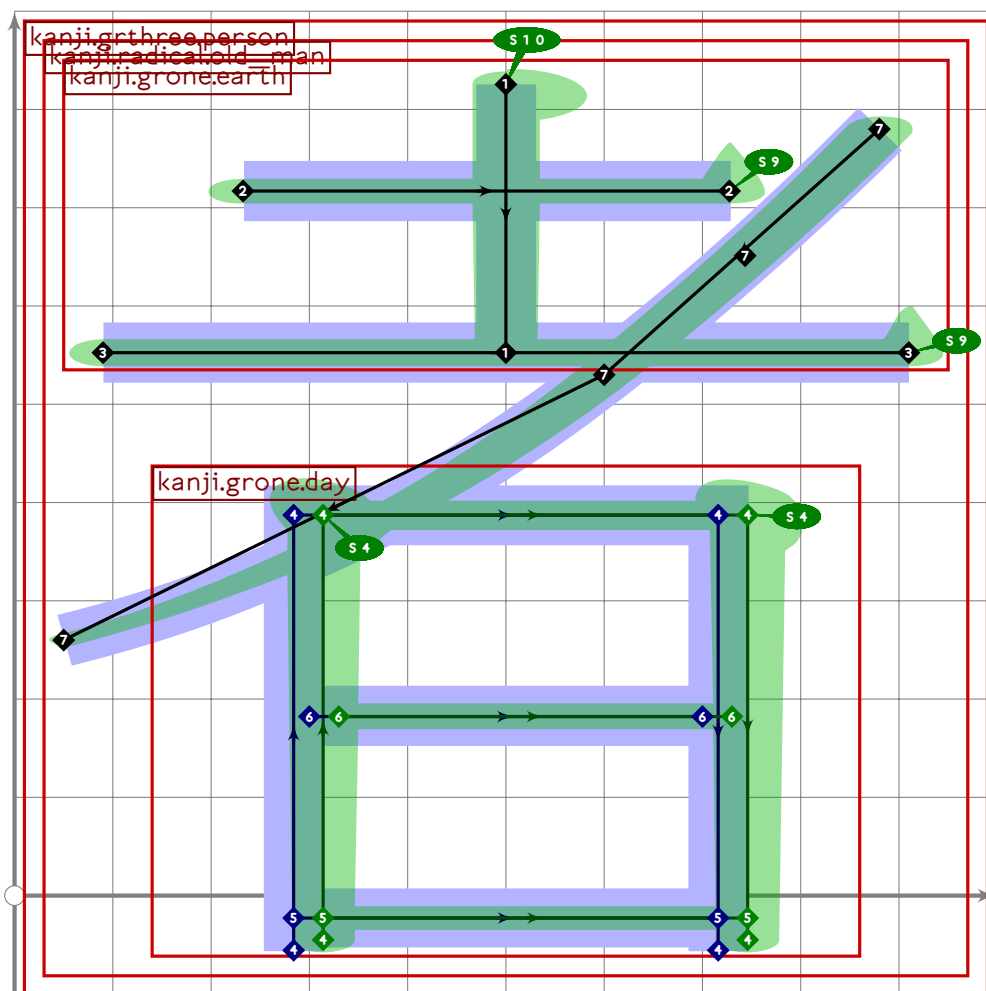
631
632 vardef kanji.grthree.other =
633   push_pbox_toexpand("kanji.grthree.other");
634   build_kanji.lr(300,20)
635     (kanji.leftrad.person)
636     (kanji.grnine.to_be);
637   expand_pbox;
638 enddef;

```



659

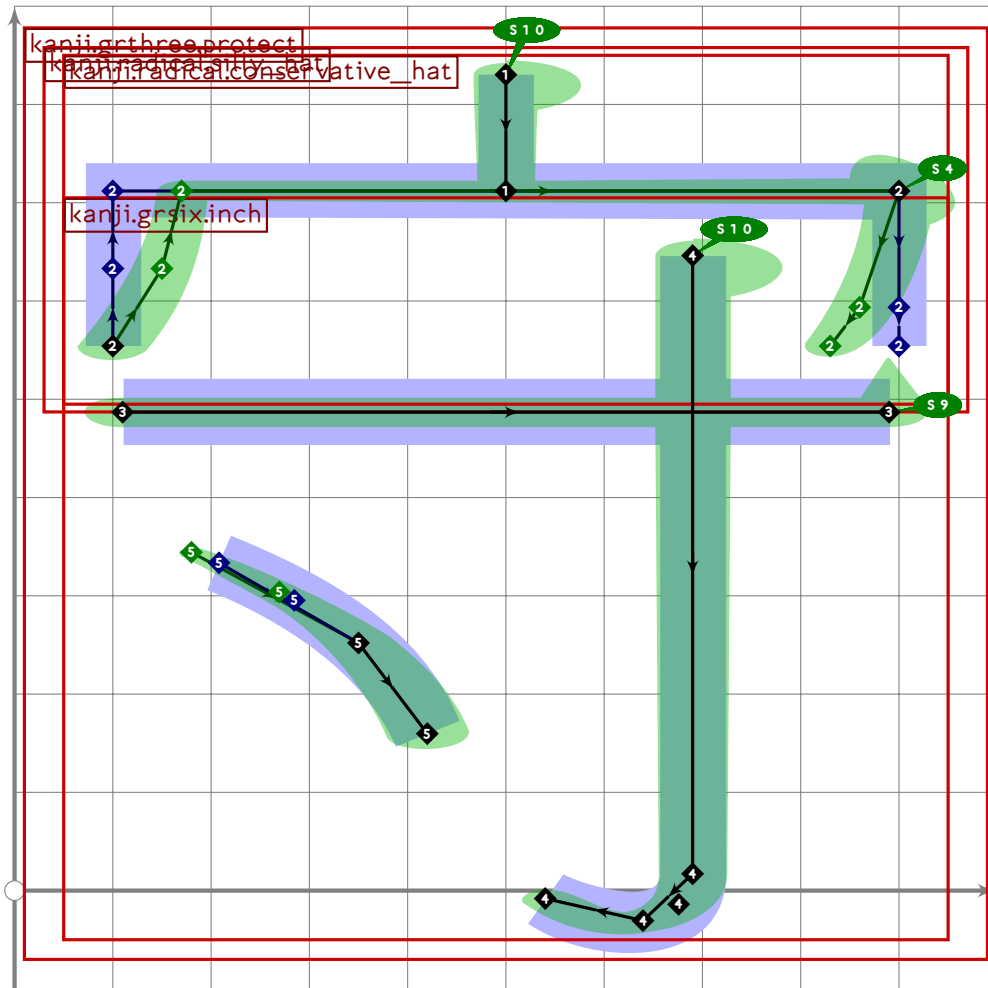
THRE



```

657
658 vardef kanji.grthree.person =
659   push_pbox_toexpand("kanji.grthree.person");
660   kanji.radical.old_man(
661     build_kanji.sscale(xyscaled (0.8,1.05) shifted (30*mincho,0))
662     (kanji.grone.day));
663   expand_pbox;
664 enddef;

```

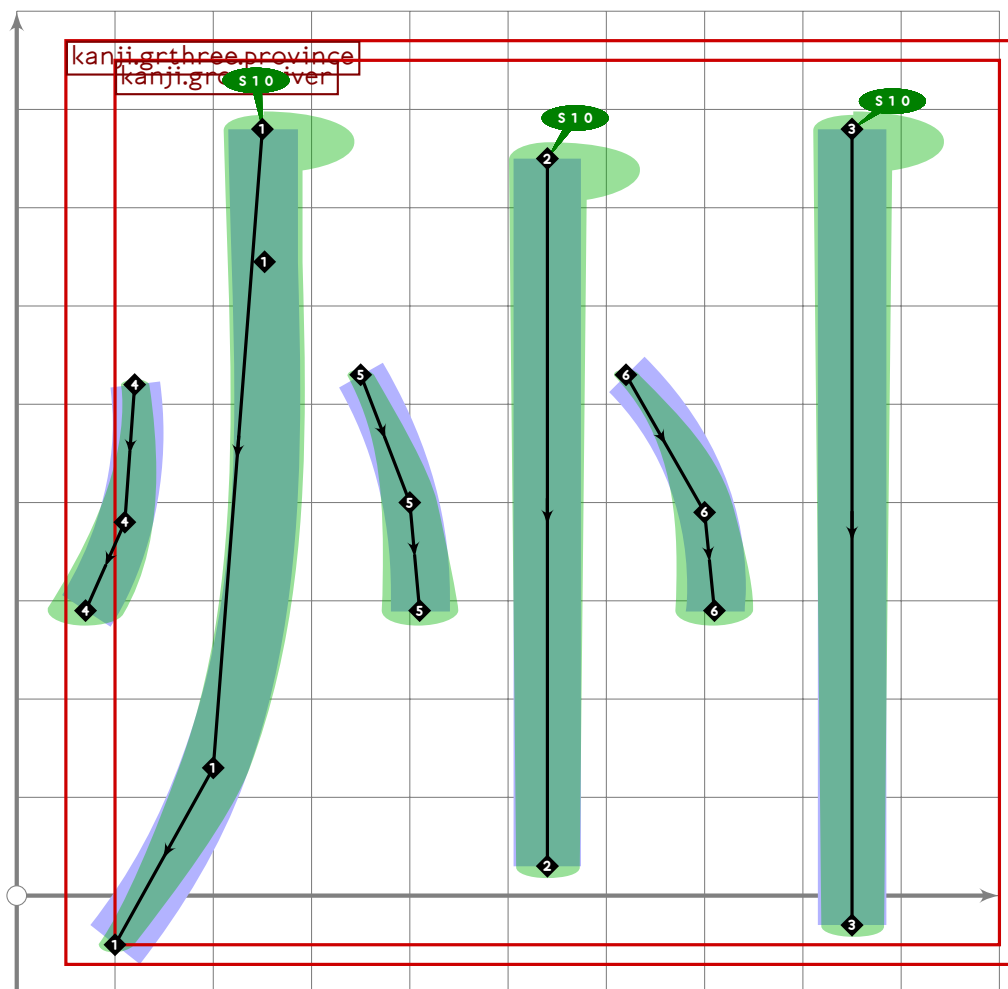


```

665
666 vardef kanji.grthree.protect =
667   push_pbox_toexpand("kanji.grthree.protect");
668   build_kanji.tb(600,210)
669   (kanji.radical.silly_hat)
670   (kanji.grsix.inch);
671   expand_pbox;
672 enddef;

```

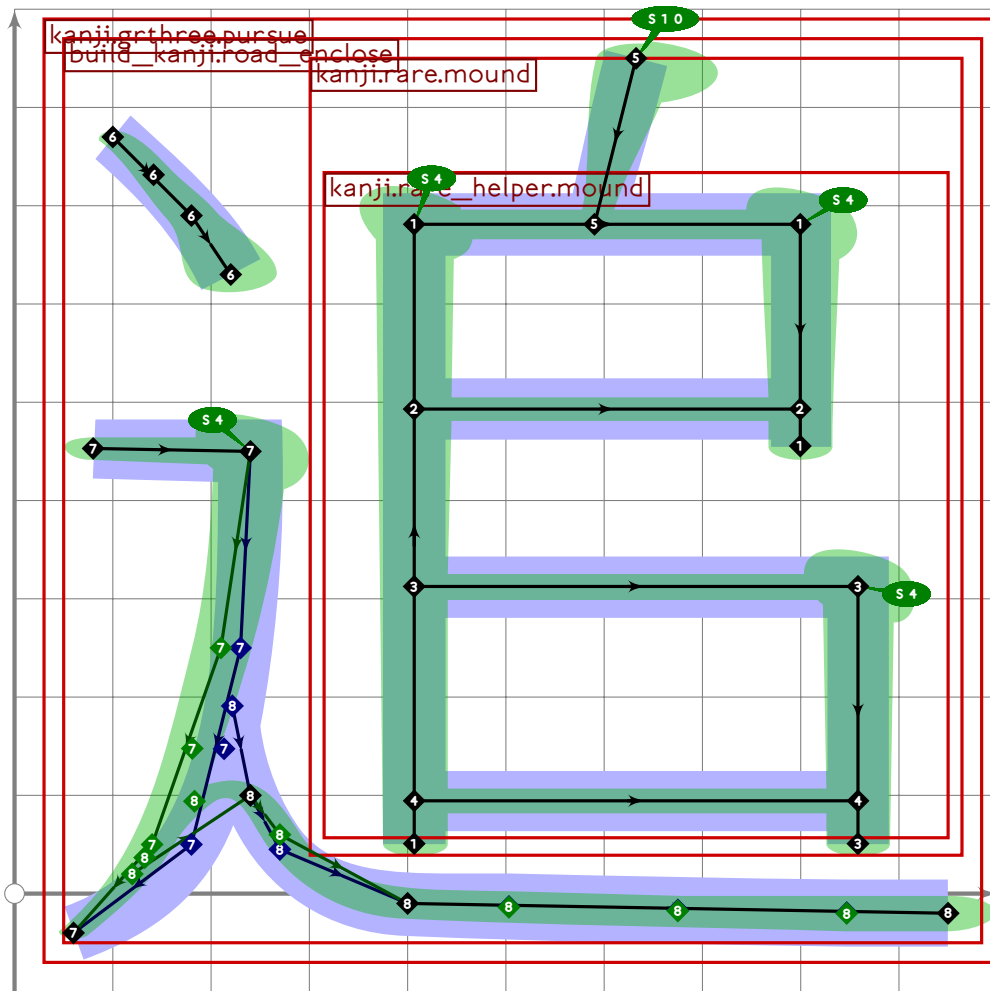
THRE



```

673
674 vardef kanji.grthree.province =
675   push_pbox__toexpand("kanji.grthree.province");
676   tsu_xform(identity shifted (50,0))(kanji.grone.river);
677   push_stroke((120,520)..(110,380)..(70,290),
678     (1,1)–(1.5,1.5)–(1.8,1.8));
679   set_bosize(0,82);
680   push_stroke((350,530)..(400,400)..(410,290),
681     (1,1)–(1.4,1.4)–(1.8,1.8));
682   set_bosize(0,82);
683   push_stroke((620,530)..(700,390)..(710,290),
684     (1,1)–(1.5,1.5)–(1.8,1.8));
685   set_bosize(0,82);
686   expand_pbox;
687 enddef;

```

THRE

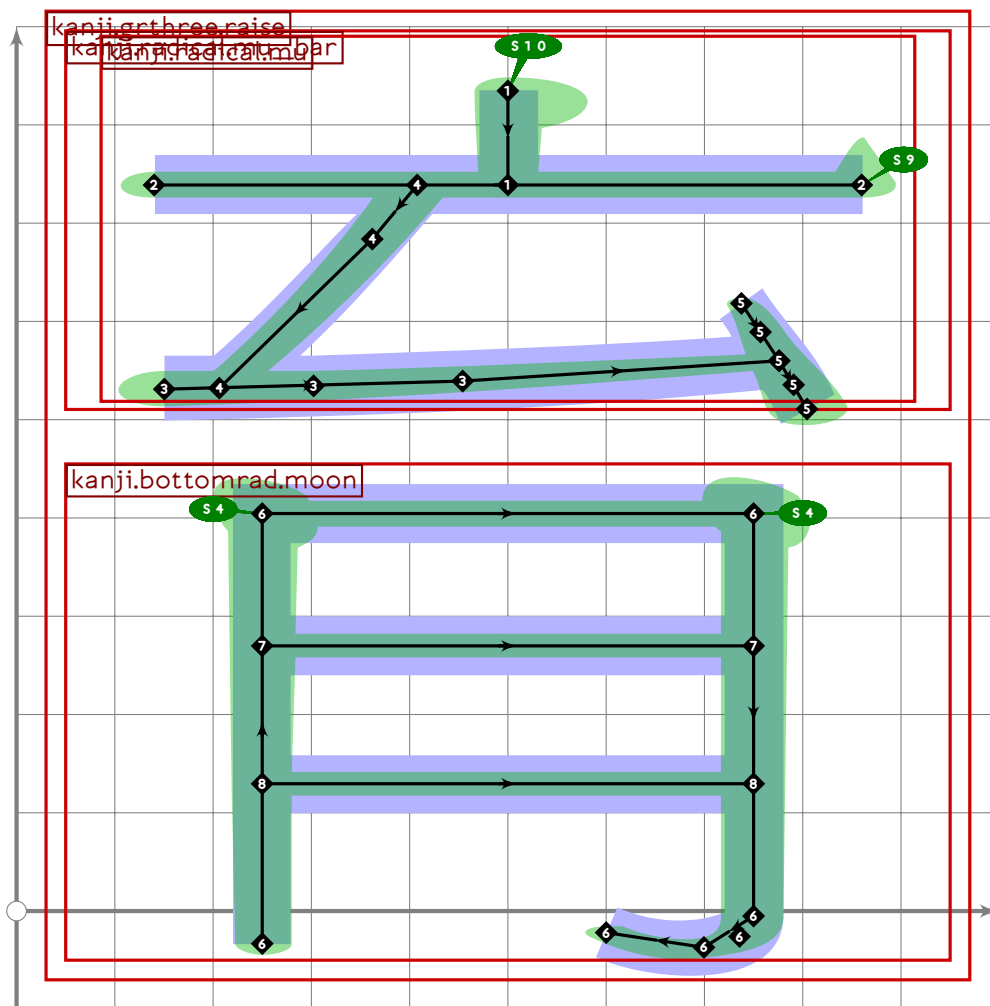
```

688
689 vardef kanji.grthree.pursue =
690   push_pbox__toexpand("kanji.grthree.pursue");
691   build_kanji.road_enclose(kanji.rare.mound);
692   expand_pbox;
693 enddef;

```

U+80B2
tsuku.uni80B2

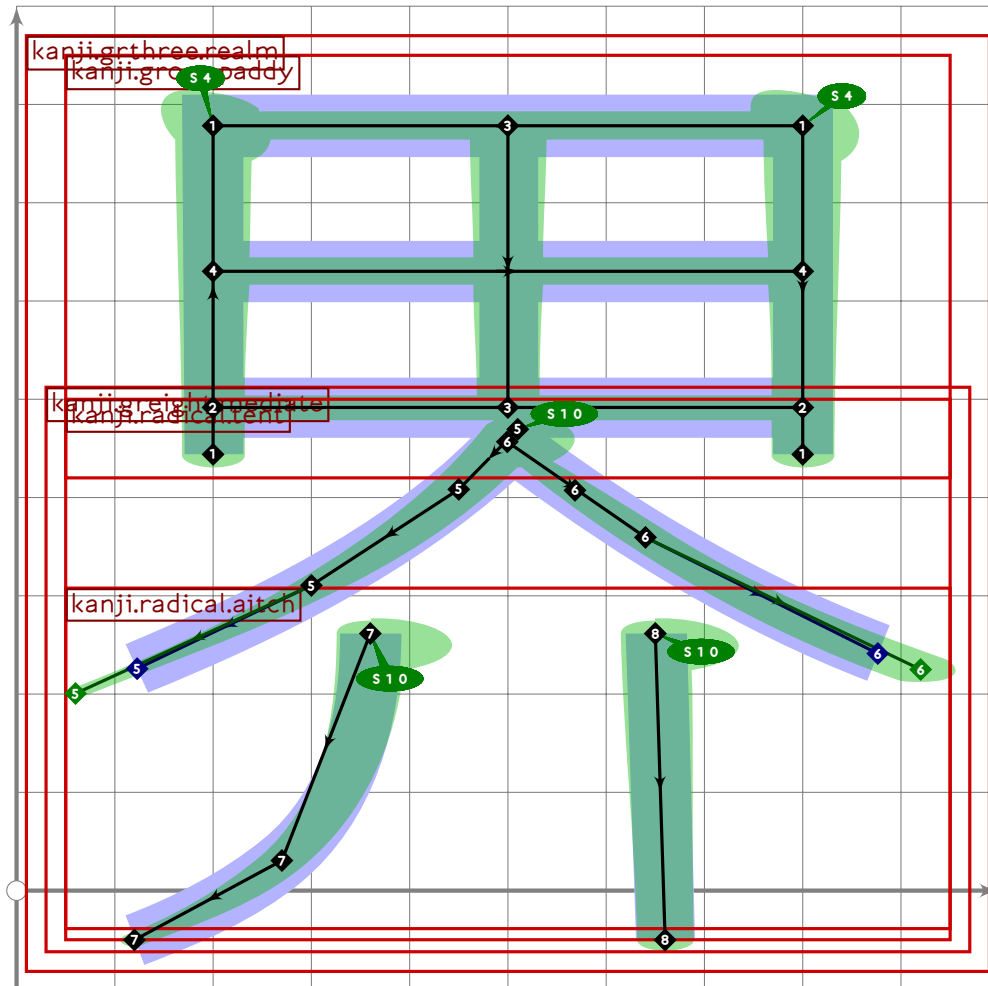
THRE



```

694
695 vardef kanji.grthree.raise =
696   push_pbox_toexpand("kanji.grthree.raise");
697   build_kanji.level(build_kanji.tb(480,-50)
698     (push_stroke((500,810)-(500,560),(1.6,1.6)-(1.5,1.5));
699     set_boserif(0,0,10);
700     tsu_xform(identity yscaled (560/780))(kanji.radical.mu_bar))
701     (kanji.bottomrad.moon));
702   expand_pbox;
703 enddef;

```



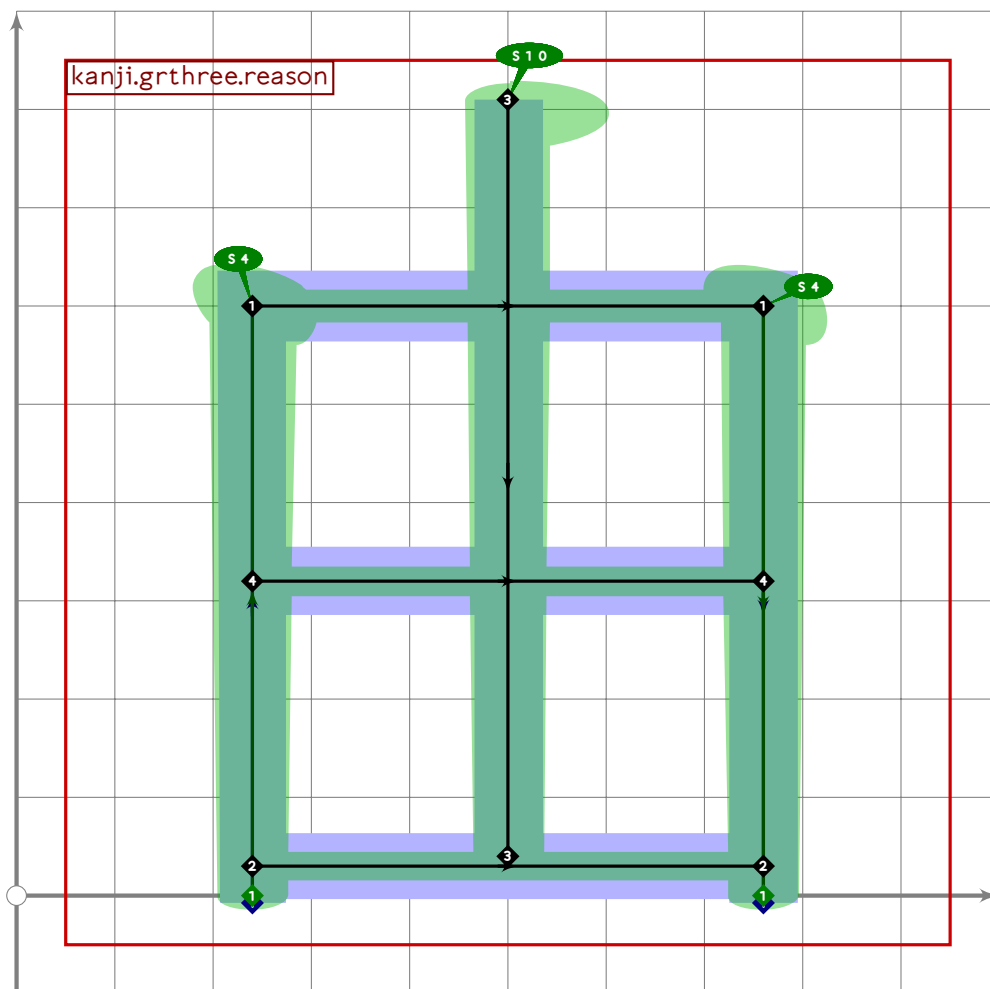
THRE

```

704
705 vardef kanji.grthree.realm =
706   push_pbox_toexpand("kanji.grthree.realm");
707   build_kanji.level(build_kanji.tb(460,80)
708     (kanji.grone.paddy)
709     (kanji.greight.mediate));
710   expand_pbox;
711 enddef;

```

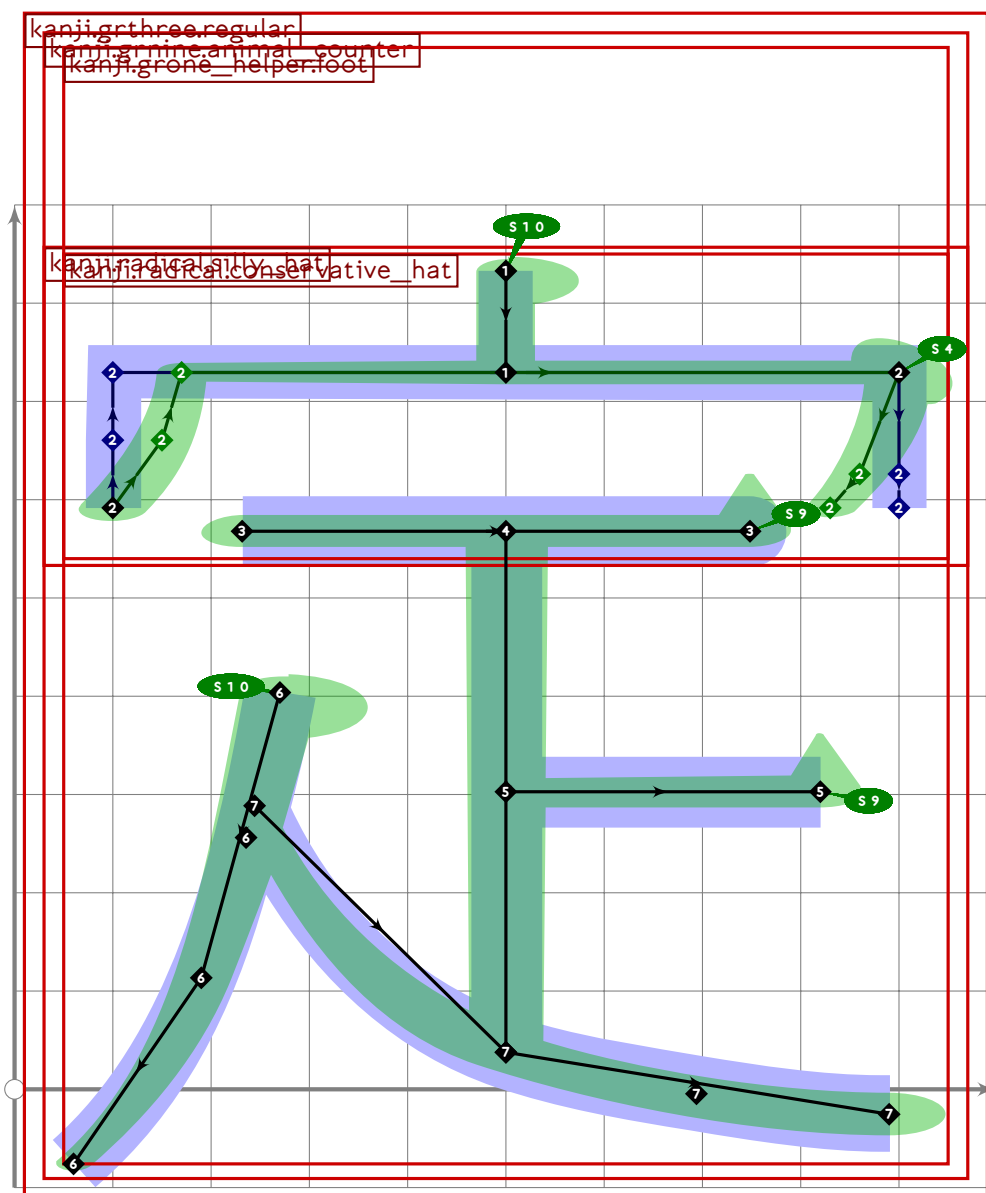
THRE



```

712
713 vardef kanji.grthree.reason =
714   push_pbox__toexpand("kanji.grthree.reason");
715   build_kanji.box((240,600),(760,30));
716   push_stroke((500,810)–(500,40),
717     (1.7,1.7)–(1.5,1.5));
718   set_boserif(0,0,10);
719   push_stroke((240,320)–(760,320),
720     (1.6,1.6)–(1.6,1.6));
721   expand_pbox;
722 enddef;

```



THRE

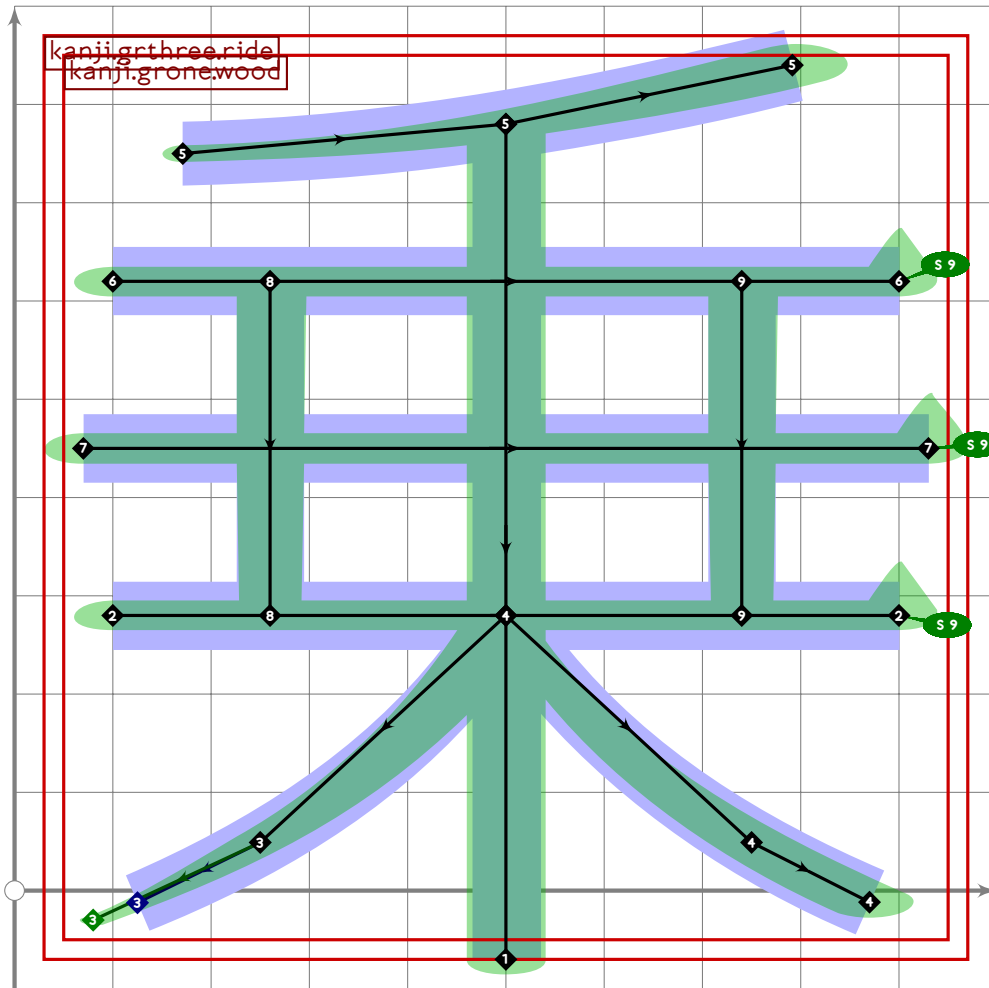
```

723
724 vardef kanji.grthree.regular =
725   push_pbox_toexpand("kanji.grthree.regular");
726   build_kanji.tb(580,80)
727     (kanji.radical.silly_hat)
728     (kanji.grnine.animal_counter;
729       replace_stroke(-4)(subpath (0.12,0.88) of oldp);
730       replace_stroke(-4)((1.6,1.6)-(1.6,1.6));
731       set_boserif(-4,19));
732   expand_pbox;
733 enddef;

```

U+4E57
tsuku.uni4E57

THRE

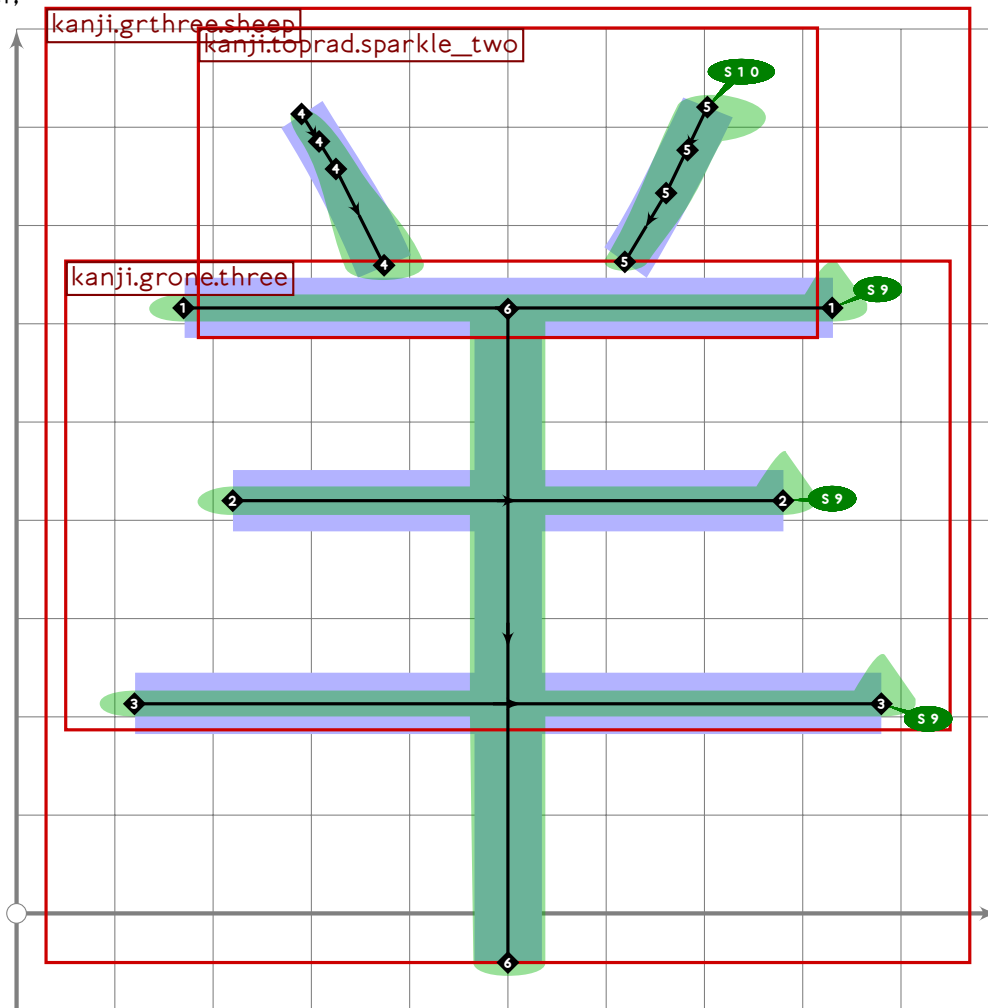


```

734
735 vardef kanji.grthree.ride =
736   push_pbox_toexpand("kanji.grthree.ride");
737   build_kanji.add_beret(kanji.grone.wood);
738   begingroup
739     save myxf;
740     transform myxf;
741     (80,70) transformed myxf=(80,30);
742     (920,70) transformed myxf=(920,30);
743     (80,580) transformed myxf=(80,280);
744     replace_strokep(-4)((point 0 of oldp)-(500,70));
745     replace_strokep(-2)(oldp transformed myxf);
746     replace_strokep(-1)(oldp transformed myxf);
747     push_stroke(get_strokep(-3) shifted (0,620-580),get_strokeq(-3));
748     set_boserif(0,1,9);
749     replace_strokep(-4)(oldp shifted (0,280-580));
750     push_stroke((70,450)-(930,450),(1,6,1,6)-(1,6,1,6));
751     set_boserif(0,1,9);
752     push_stroke((260,620)-(260,280),(1,5,1,5)-(1,4,1,4));
753     push_stroke((740,620)-(740,280),(1,5,1,5)-(1,4,1,4));
754   endgroup;

```

```
755 expand_pbox;
756 enddef;
```

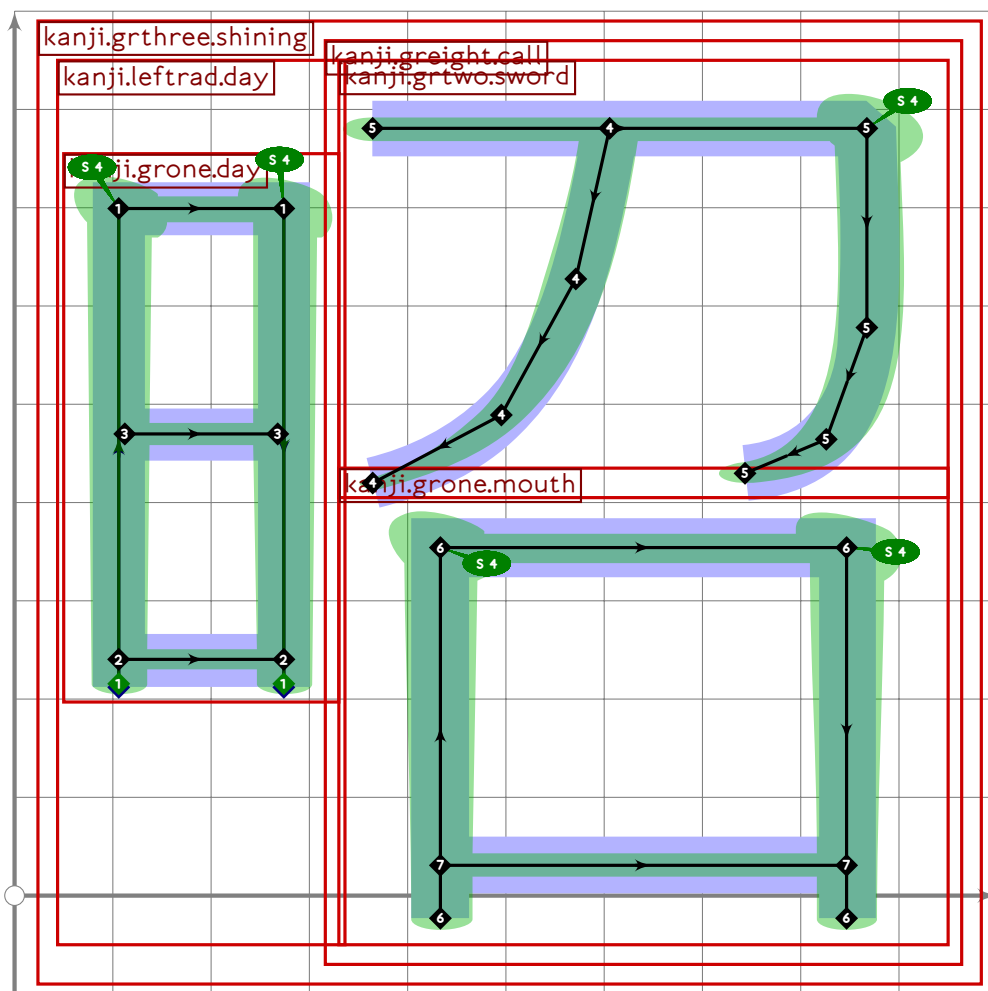


THRE

```
757
758 vardef kanji.grthree.sheep =
759   push_pbox_toexpand("kanji.grthree.sheep");
760   perl_structure:=perl_structure&"eids.u2FFB.u7F8A._3";
761   build_kanji.sscaled(yscaled 0.53 shifted (0,30))
762     (kanji.grone.three);
763   build_kanji.sscaled(xyscaled (0.70,35) shifted (0,350))
764     (kanji.toprad.sparkle_two);
765   push_stroke((500,615)-(500,50),(1.6,1.6)-(1.5,1.5));
766   expand_pbox;
767 enddef;
```

U+662D
tsuku.uni662D

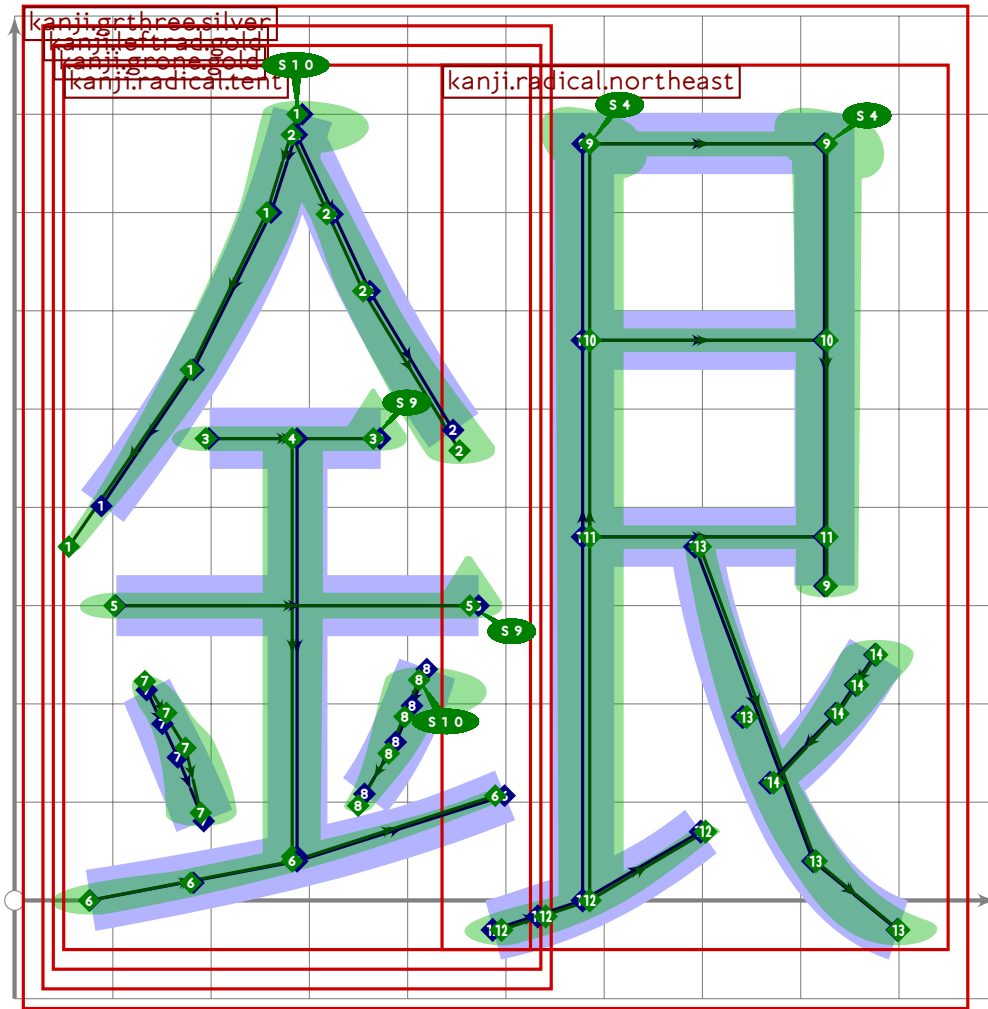
THRE



```

768
769 vardef kanji.grthree.shining =
770   push_pbox_toexpand("kanji.grthree.shining");
771   build_kanji.lr(330,0)
772     (kanji.leftrad.day)
773     (kanji.gright.call);
774   expand_pbox;
775 enddef;

```

THRE

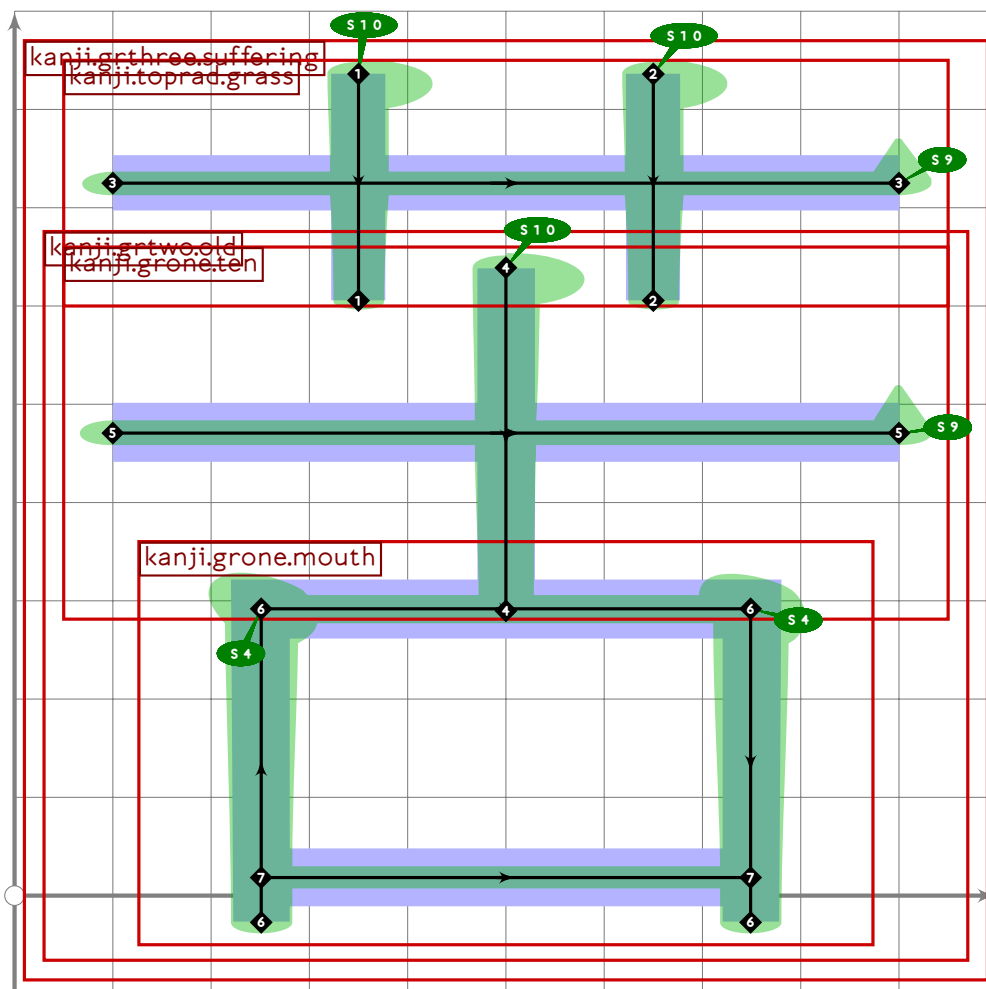
```

776
777 vardef kanji.grthree.silver =
778   push_pbox_toexpand("kanji.grthree.silver");
779   build_kanji.level(build_kanji.lr(480,90-20*mincho)
780     (kanji.leftrad.gold)
781     (kanji.radical.northeast));
782   expand_pbox;
783 enddef;

```

U+82E6
tsuku.uni82E6

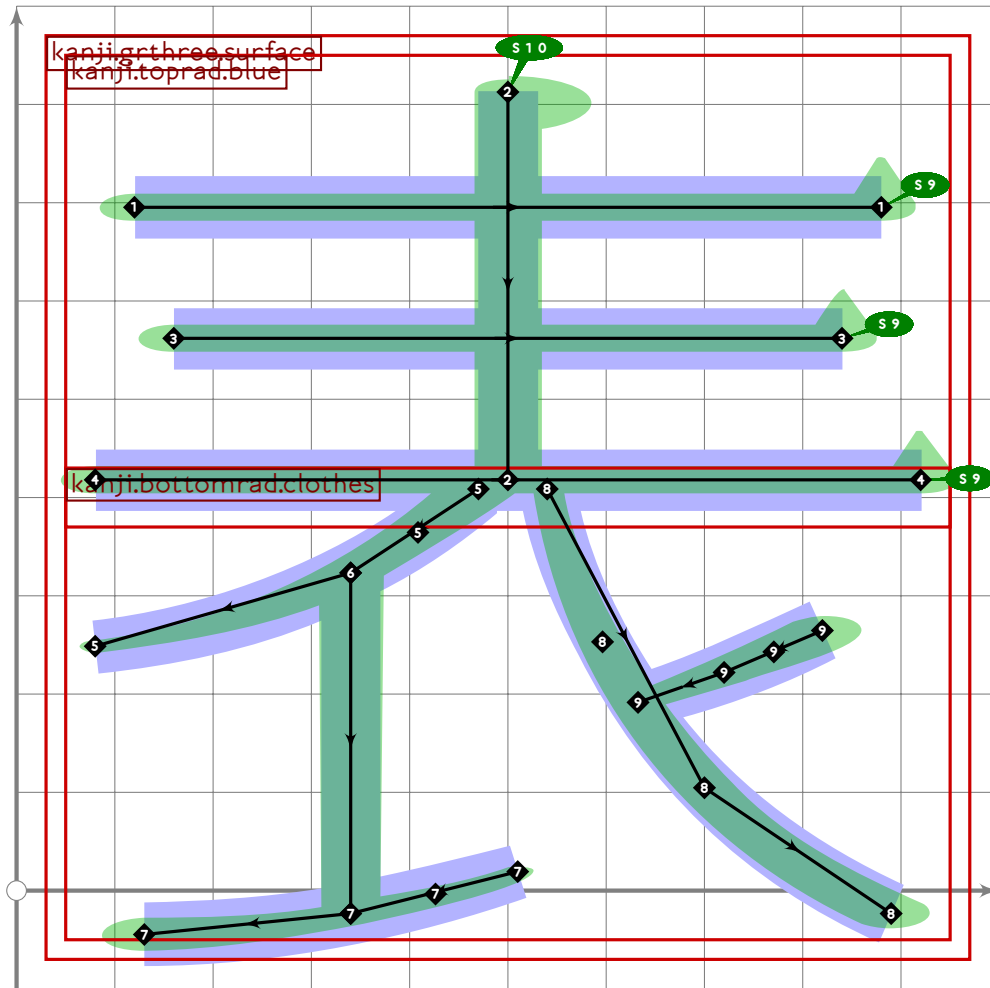
THRE



```

784
785 vardef kanji.grthree.suffering =
786   push_pbox_toexpand("kanji.grthree.suffering");
787   build_kanji.tb(630,60)
788     (kanji.toprad.grass)
789     (kanji.grtwo.old);
790   expand_pbox;
791 enddef;

```



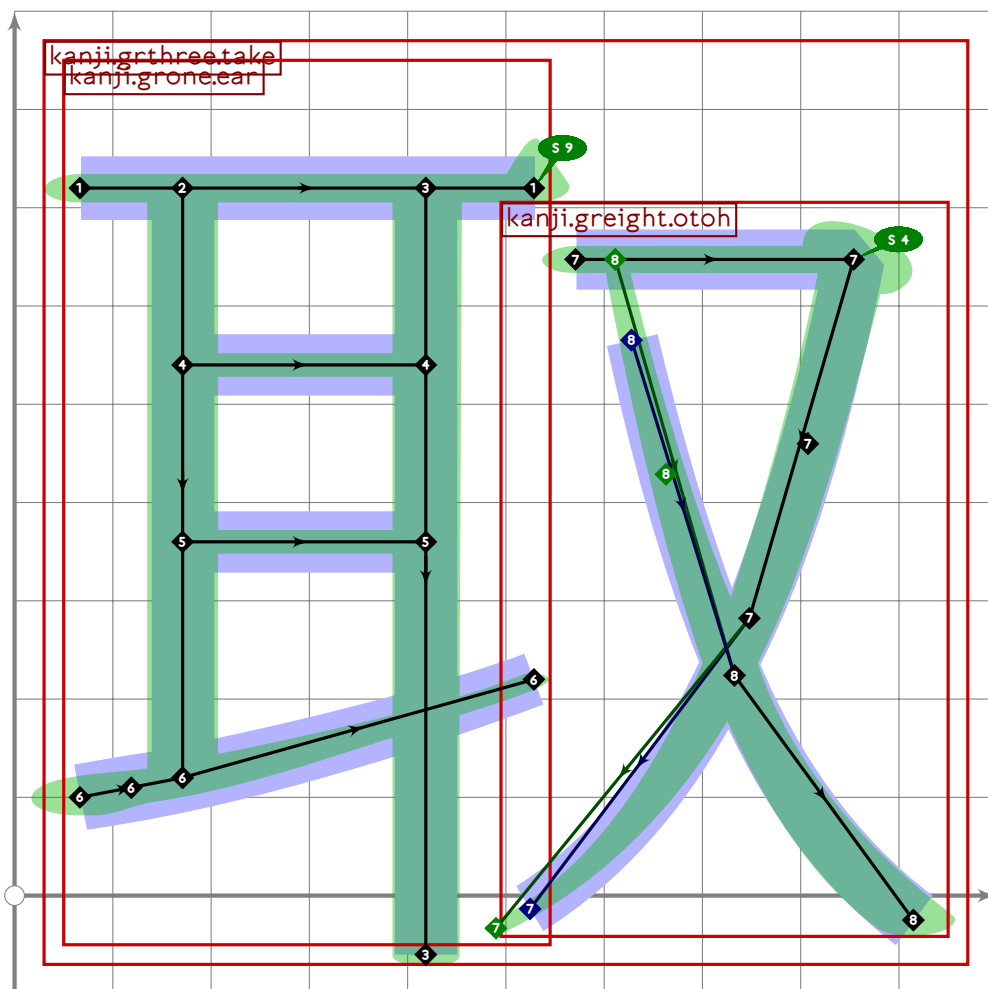
```

792
793 vardef kanji.grthree.surface =
794   push_pbox__toexpand("kanji.grthree.surface");
795   build_kanji.level(build_kanji.tb(400,60)
796     (kanji.toprad.blue)
797     (kanji.bottomrad.clothes));
798   expand_pbox;
799 enddef;

```

U+53D6
tsuku.uni53D6

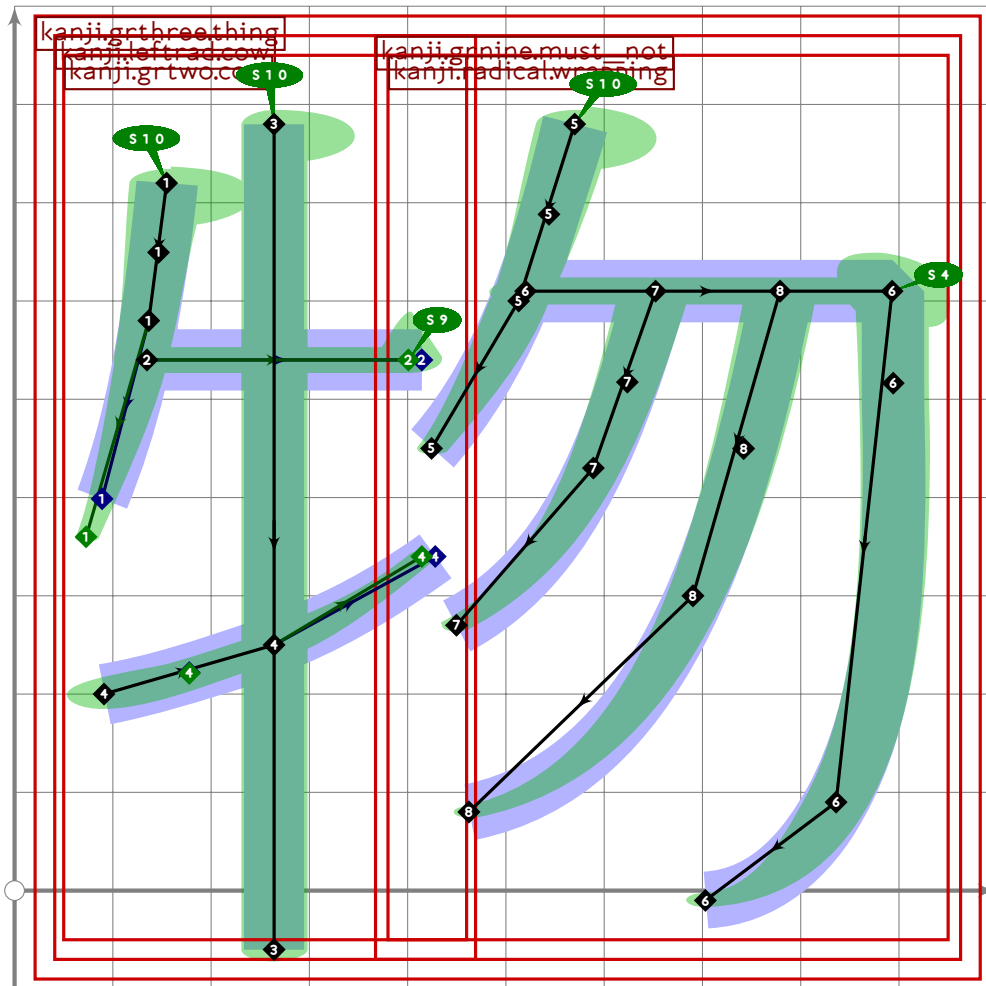
THRE



```

800
801 vardef kanji.grthree.take =
802   push_pbox__toexpand("kanji.grthree.take");
803   build_kanji.lr(520,50)
804     (kanji.grone.ear)
805     (tsu_xform(identity yscaled 0.83)(kanji.greight.otoh));
806   expand_pbox;
807 enddef;

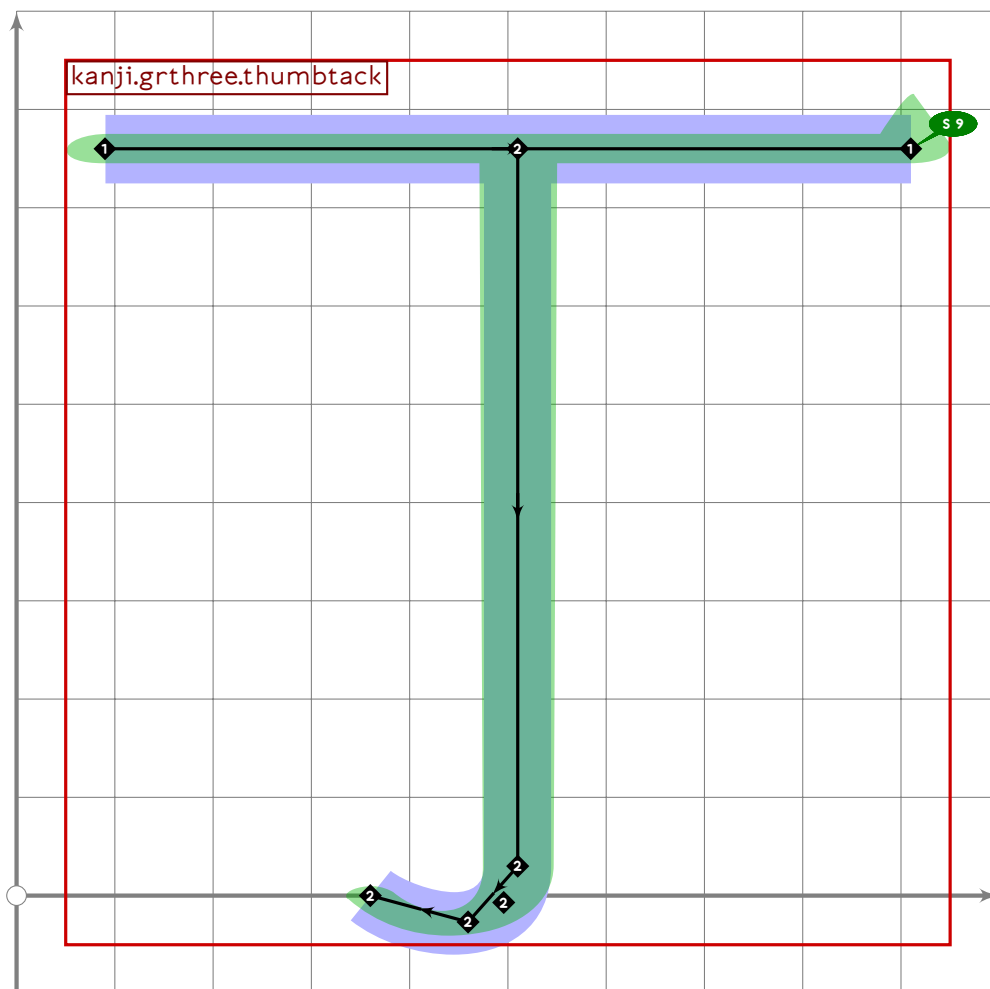
```



THRE

U+4E01
tsuku.uni4E01

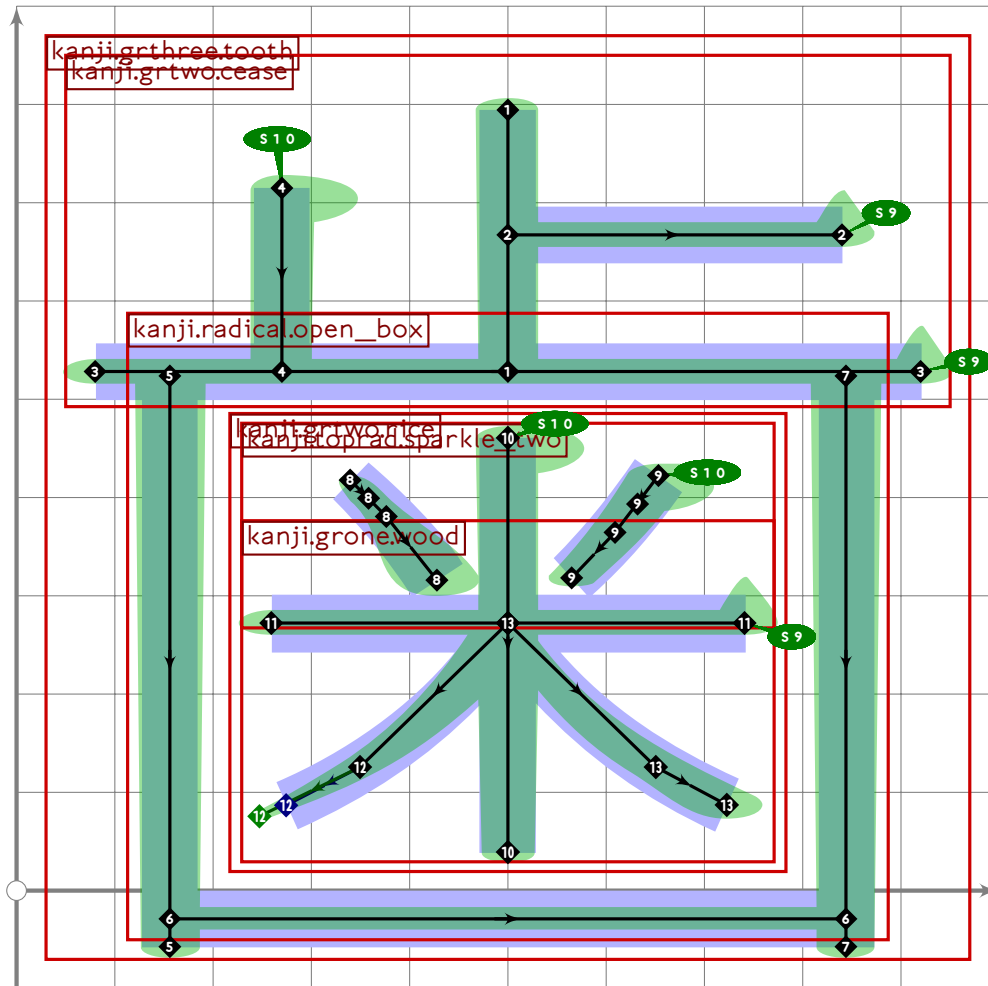
THRE



```

822
823 vardef kanji.grthree.thumbtack =
824   push_pbox__toexpand("kanji.grthree.thumbtack");
825   push_stroke((90,760)-(910,760),(1.6,1.6)-(1.6,1.6));
826   set_boserif(0,19);
827   push_stroke((510,760),(1.6,1.6));
828   build_kanji.add_jtail(0);
829   expand_pbox;
830 enddef;

```



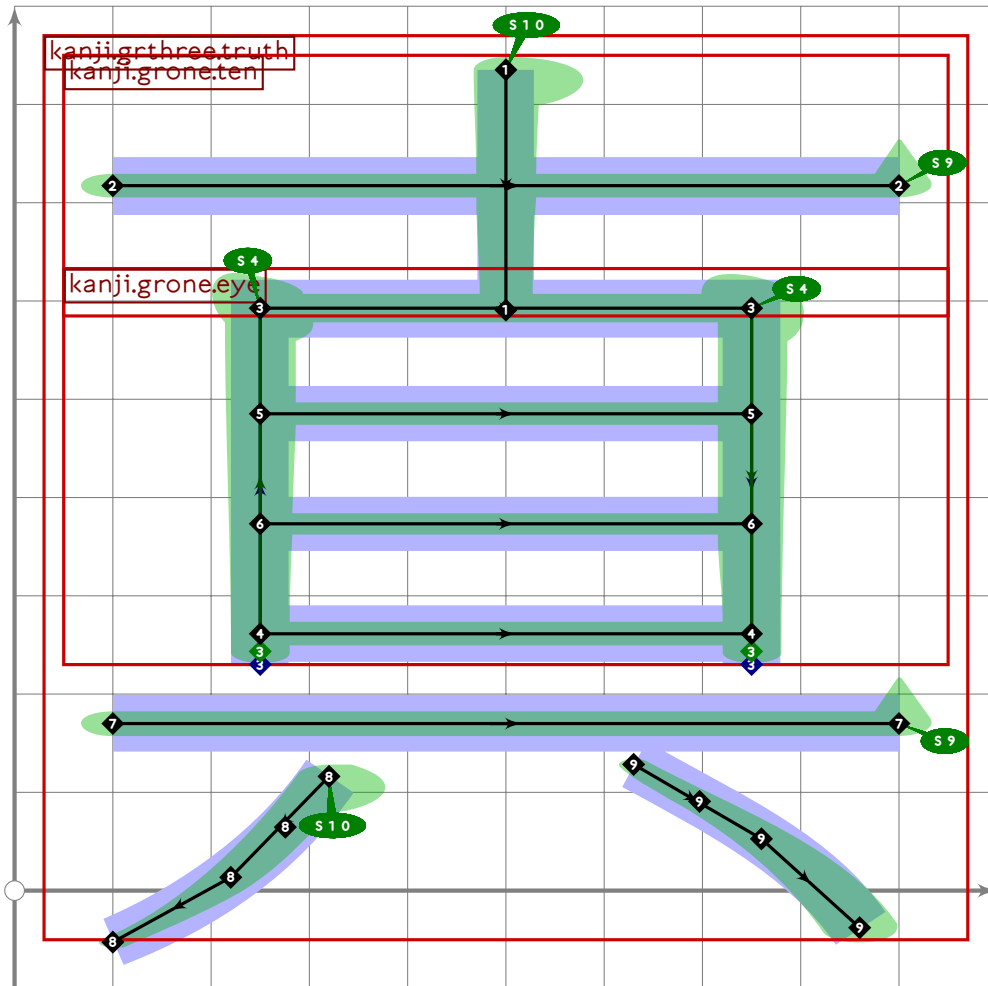
THRE

```

831
832 vardef kanji.grthree.tooth =
833   push_pbox__toexpand("kanji.grthree.tooth");
834   build_kanji.level(build_kanji.tb(540,95)
835     (kanji.grtwo.cease)
836     (build_kanji.sscale(xscaled 0.86)(
837       perl_structure:=perl_structure&"eids.u2FF6._11_";
838       kanji.radical.open_box;
839       set_boserif(-2,0,whatever);
840       set_boserif(0,0,whatever);
841       build_kanji.sscale(scaled 0.7 shifted (0;20))(kanji.grtwo.rice)))));
842   expand_pbox;
843 enddef;

```

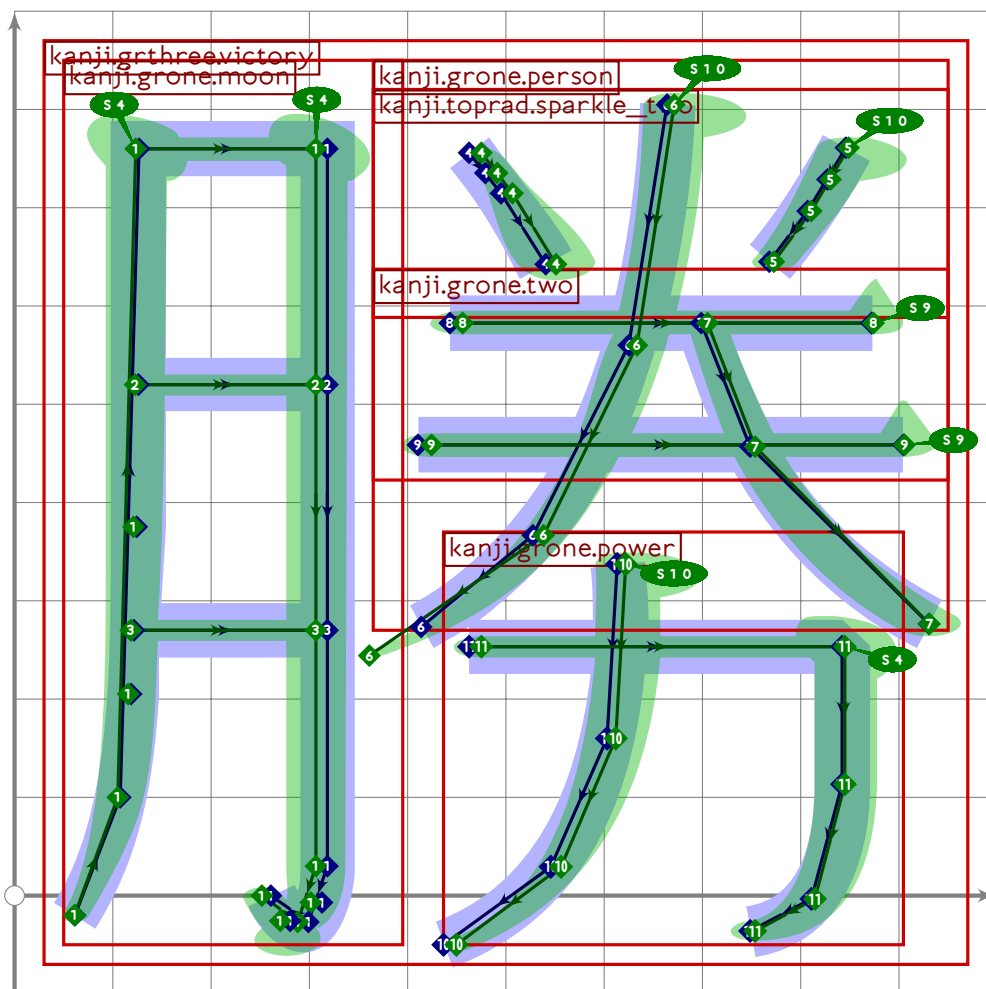
THRE



```

844
845 vardef kanji.grthree.truth =
846   push_pbox_toexpand("kanji.grthree.truth");
847   build_kanji.level(build_kanji.tb(200,-60)
848     (build_kanji.tb(500,70)
849       (kanji.grone.ten)
850       (kanji.grone.ey))
851   (push_stroke((100,850)-(900,850),(1.6,1.6)-(1.6,1.6));
852     set_boserif(0,1,9);
853     push_stroke((320,630)..tension 1.3..(220,210)..(100,-60),
854       (1.6,1.6)-(1.5,1.5)-(1,1));
855     set_boserif(0,0,10);
856     push_stroke((630,680)..tension 1.3..(760,370)..(860,0),
857       (1,1)-(1.5,1.5)-(1.8,1.8)));
858   expand_pbox;
859 enddef;
860

```

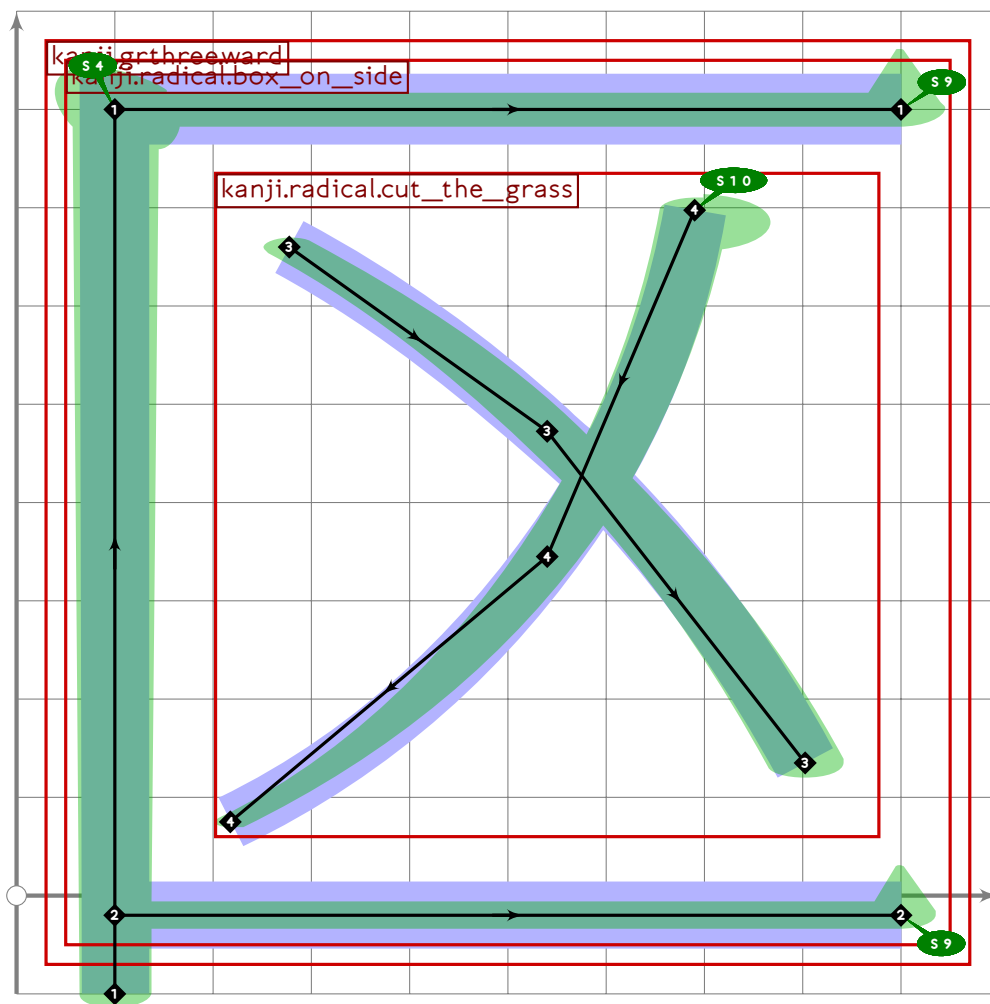
THRE

```

861 % right side is near-duplicate of kanji.grfive.ticket, cut and pasted
862 % so that we can set a different vertical split point
863 vardef kanji.grthree.victory =
864   push_pbox_toexpand("kanji.grthree.victory");
865   build_kanji.level(build_kanji.lr(380,30*(1-mincho))
866     (kanji.grone.moon)
867     (build_kanji.tb(320,100)
868       (perl_structure:=perl_structure&"eids.u2FF1._3.u2FFB.1_2.2_1";
869         build_kanji.sscale(yscaled 0.4 shifted (0,230))
870         (kanji.toprad.sparkle_two);
871         kanji.grone.person;
872         build_kanji.sscale(xscaled (1,0.37) shifted (0,-40))
873         (kanji.grone.two);
874         replace_stroke(-2)
875         (subpath (xpart (oldp intersectiontimes get_stroke(-1)),infinity)
876           of oldp))
877         (build_kanji.sscale(xscaled 0.8 shifted (20,0))
878           (kanji.grone.power))));
879   expand_pbox;
880 enddef;

```

THRE



```

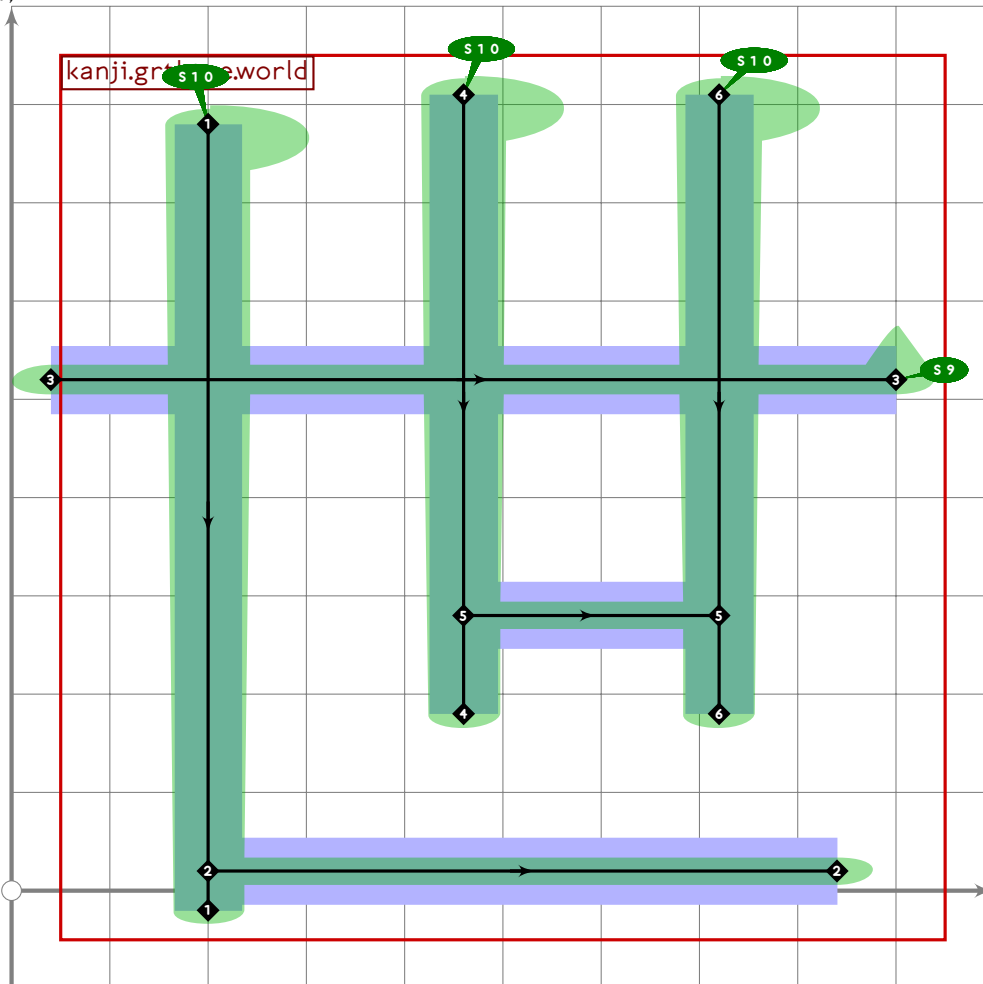
881
882 vardef kanji.grthreeward =
883   push_pbox_toexpand("kanji.grthreeward");
884   kanji.radical.box_on_side;
885   build_kanji.sscale(scaled 0.75 shifted (40,0))
886     (kanji.radical.cut_the_grass);
887   expand_pbox;
888 enddef;
889
890 vardef hook.world_corner(expr side_i,bottom_i) =
891   if (obstacktype[side_i]=otstroke) and (obstacktype[bottom_i]=otstroke):
892     if (1=length obstackp[side_i]) and (1=length obstackp[bottom_i]):
893       begingroup;
894       save x,y,p,e;
895       numeric x[],y[],e[];
896       path p[];
897
898       p1=obstackp[side_i];
899       p2=obstackp[bottom_i];
900
901       z2=(direction 0.5 of p2)/abs(direction 0.5 of p2);

```

```

902     z3=(direction 1 of p1)/abs(direction 1 of p1);
903
904     if abs(z3 dotprod z2)<0.1:
905         point 1 of p1=z5+e2*z3;
906         z5=(point 1 of p2)+whatever*z2;
907         e3=obstackna.bosize[bottom_i]*tsu_brush_max.brletter
908             *tsu_brush_shape.brletter*0.5;
909
910         if e2<e3:
911             p1:=(point 0 of p1)-(z5+e3*z3);
912             obstackp[side_i]:=p1;
913         fi;
914     fi;
915 endgroup;
916 fi;
917 fi;
918 enddef;

```



```

919
920 vardef kanji.grthree.world =
921     push_pbox__toexpand("kanji.grthree.world");
922     build_kanji.box((200,780),(840,20));

```

THRE

```

923  replace_strokep(-1)(reverse subpath (0,1) of oldp);
924  replace_strokeq(-1)(reverse subpath (0,1) of oldq);
925  set_boserif(-1,0,10);
926  set_boserif(-1,1,whatever);
927  set_botip(-1,1,whatever);
928  pop_hook;
929  push_hook(hsmain_render,
930    "hook.world_corner("&(decimal find_stroke(-1))&"
931                        &(decimal find_stroke(0))&");" );
932  push_stroke((40,520)-(900,520),
933    (1.6,1.6)-(1.6,1.6));
934  set_boserif(0,1,9);
935  build_kanji.box((460,810),(720,280));
936  set_boserif(-1,0,10);
937  set_boserif(-1,1,whatever);
938  set_botip(-1,1,whatever);
939  push_stroke(subpath (2,3) of get_strokep(-1),
940    subpath (2,3) of get_strokeq(-1));
941  replace_strokep(-2)(reverse subpath (0,1) of oldp);
942  replace_strokeq(-2)(reverse subpath (0,1) of oldq);
943  set_boserif(0,0,10);
944  expand_pbox;
945  endif;

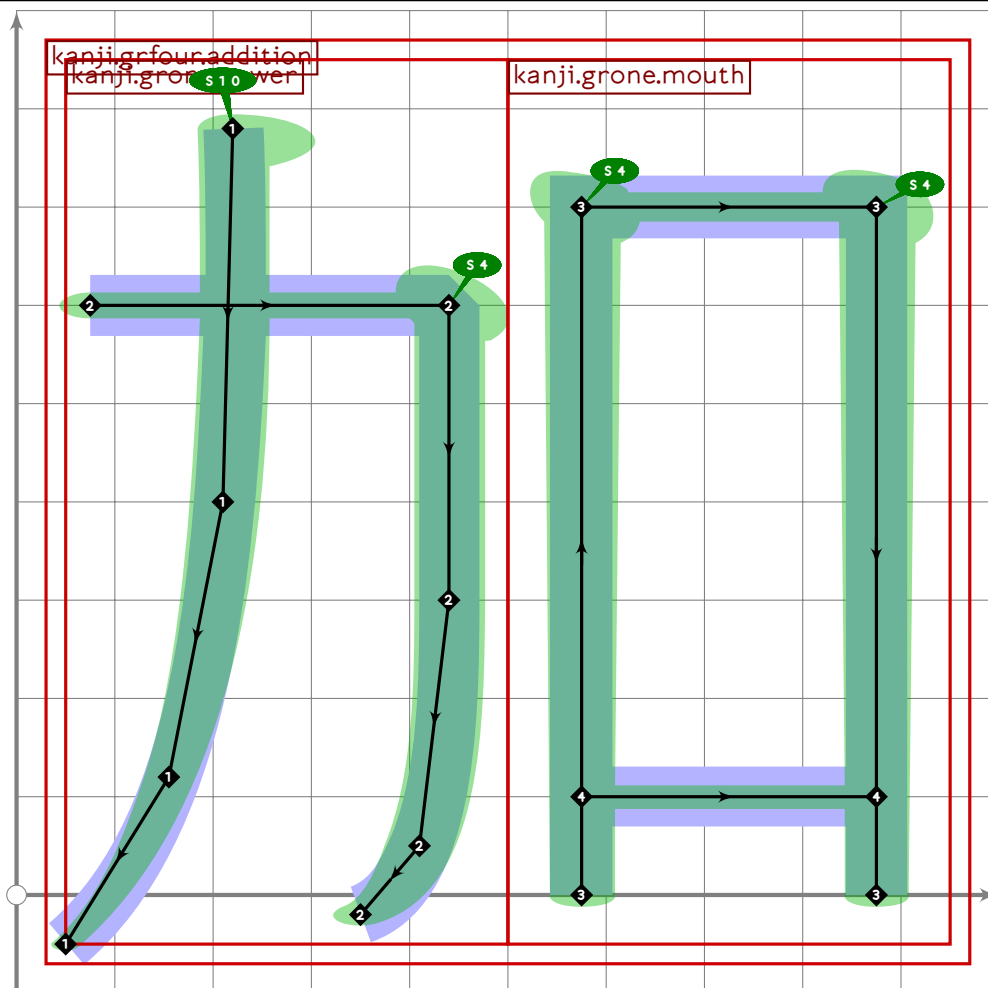
```

gradefour.mp

```

1 %
2 % Grade Four kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2018, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 inclusion_lock(gradefour);
32
33

```



FOUR

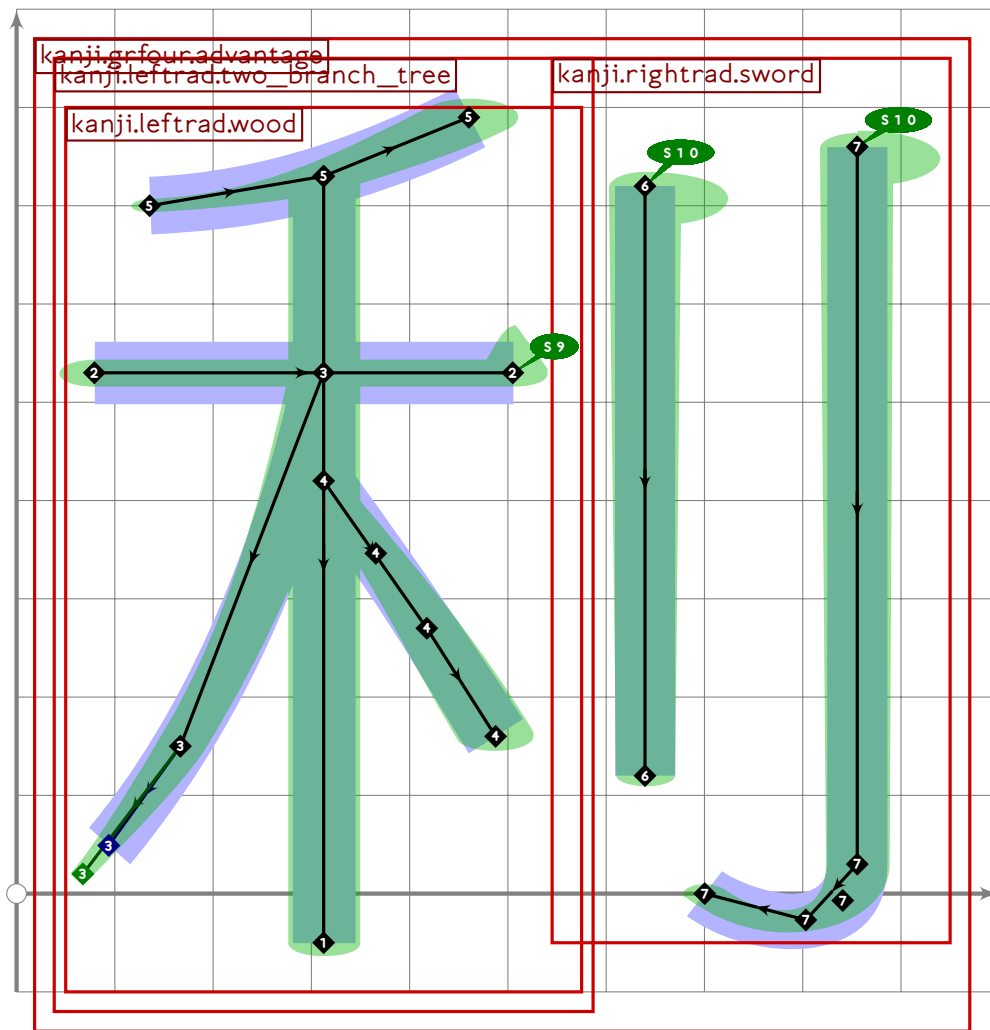
```

34
35 vardef kanji.grfour.addition =
36   push_pbox_toexpand("kanji.grfour.addition");
37   build_kanji.level(build_kanji.lr(500,0)
38     (kanji.grone.power)
39     (kanji.grone.mouth));
40   expand_pbox;
41 enddef;

```

U+5229
tsuku.uni5229

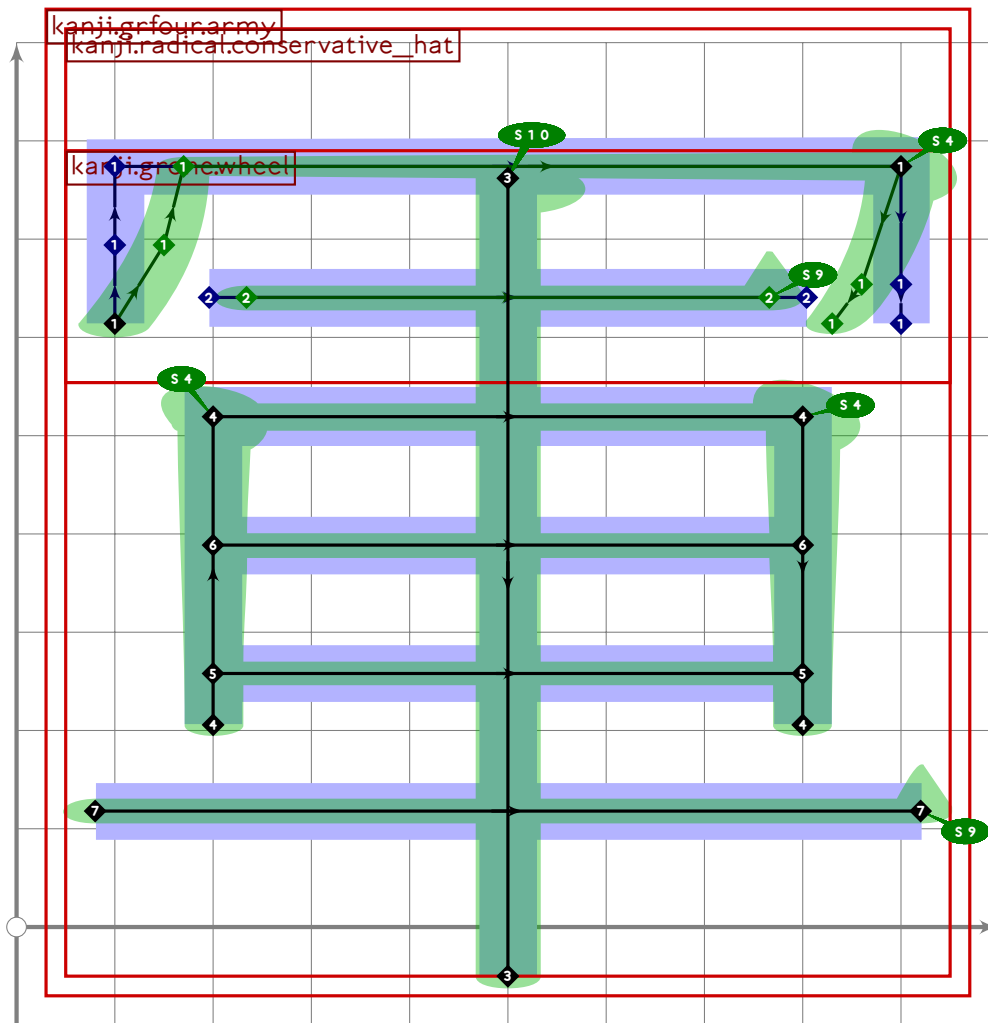
FOUR



```

42
43 vardef kanji.grfour.advantage =
44   push_pbox_toexpand("kanji.grfour.advantage");
45   build_kanji.level(build_kanji.lr(560,30)
46     (kanji.leftrad.two_branch_tree)
47     (kanji.rightrad.sword));
48   expand_pbox;
49 enddef;

```

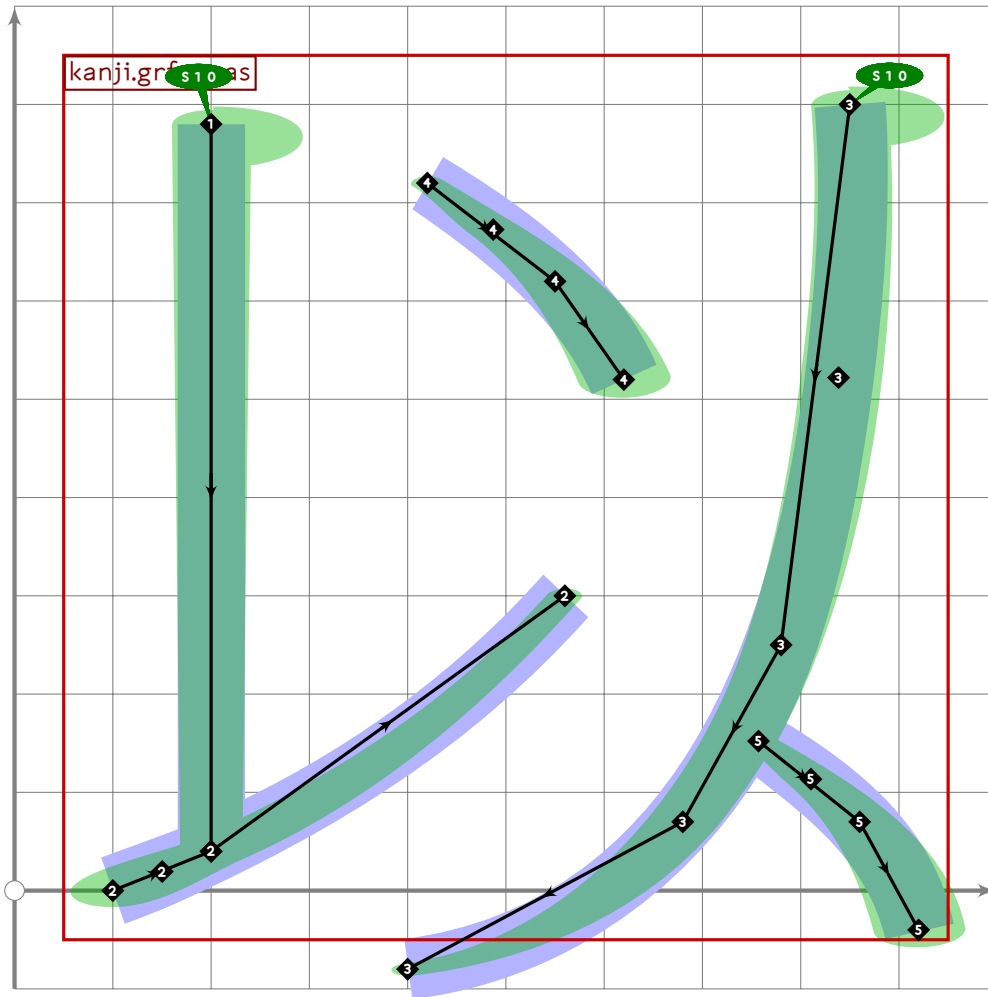


```

50
51 vardef kanji.grfour.army =
52   push_pbox_toexpand("kanji.grfour.army");
53   build_kanji.level(build_kanji.tb(640,300)
54     (tsu_xform(identity shifted (0,160))(kanji.radical.conservative_hat))
55     (kanji.grone.wheel;
56       replace_strokep(-5)
57         (subpath (0.1+0.05*mincho,0.9-0.05*mincho) of oldp)));
58   expand_pbox;
59 enddef;

```

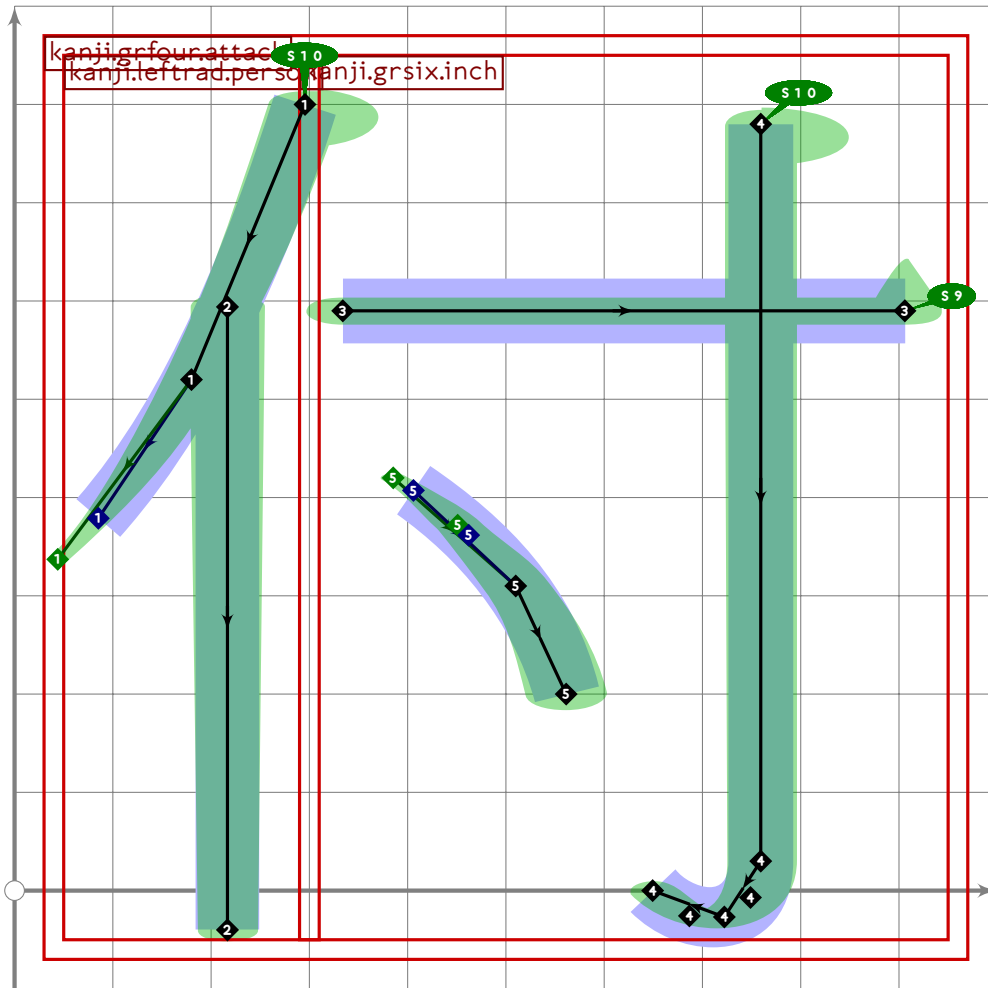
FOUR



```

60
61 vardef kanji.grfour.as =
62   push_pbox_toexpand("kanji.grfour.as");
63   push_stroke((200,780)-(200,40),(1.6,1.6)-(1.4,1.4));
64   set_boserif(0,0,10);
65   push_stroke((100,0)..tension 1.2..(200,40)..(560,300),
66     (1.7,1.7)-(1.5,1.5)-(1,1));
67   push_stroke((850,800)..tension 1.2..(780,250)
68     ..(680,70)..(400,-80),
69     (1.6,1.6)-(1.55,1.55)-(1.5,1.5)-(1,1));
70   set_boserif(0,0,10);
71   push_stroke((420,720)..tension 1.3..(550,620)..(620,520),
72     (1,1)-(1.5,1.5)-(1.8,1.8));
73   push_stroke((point 1.3 of get_stroke(-1))..tension 1.3
74     ..(860,110)..(920,0),
75     (1,1)-(1.5,1.5)-(1.8,1.8));
76   replace_stroke(0)(oldp shifted (0,-40));
77   expand_pbox;
78 enddef;

```

FOUR

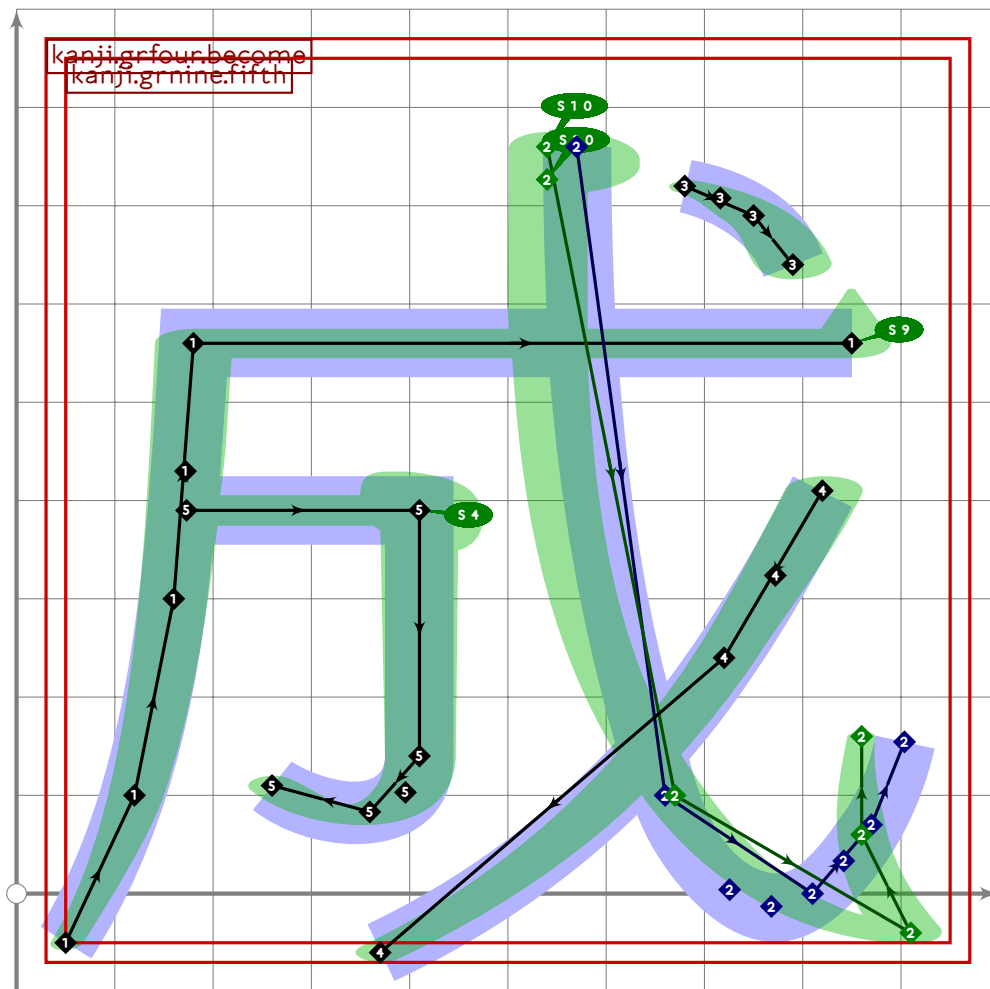
```

79
80 vardef kanji.grfour.attach =
81   push_pbox_toexpand("kanji.grfour.attach");
82   build_kanji.lr(300,20)
83     (kanji.leftrad.person)
84     (kanji.grsix.inch);
85   expand_pbox;
86 enddef;

```

U+6210
tsuku.uni6210

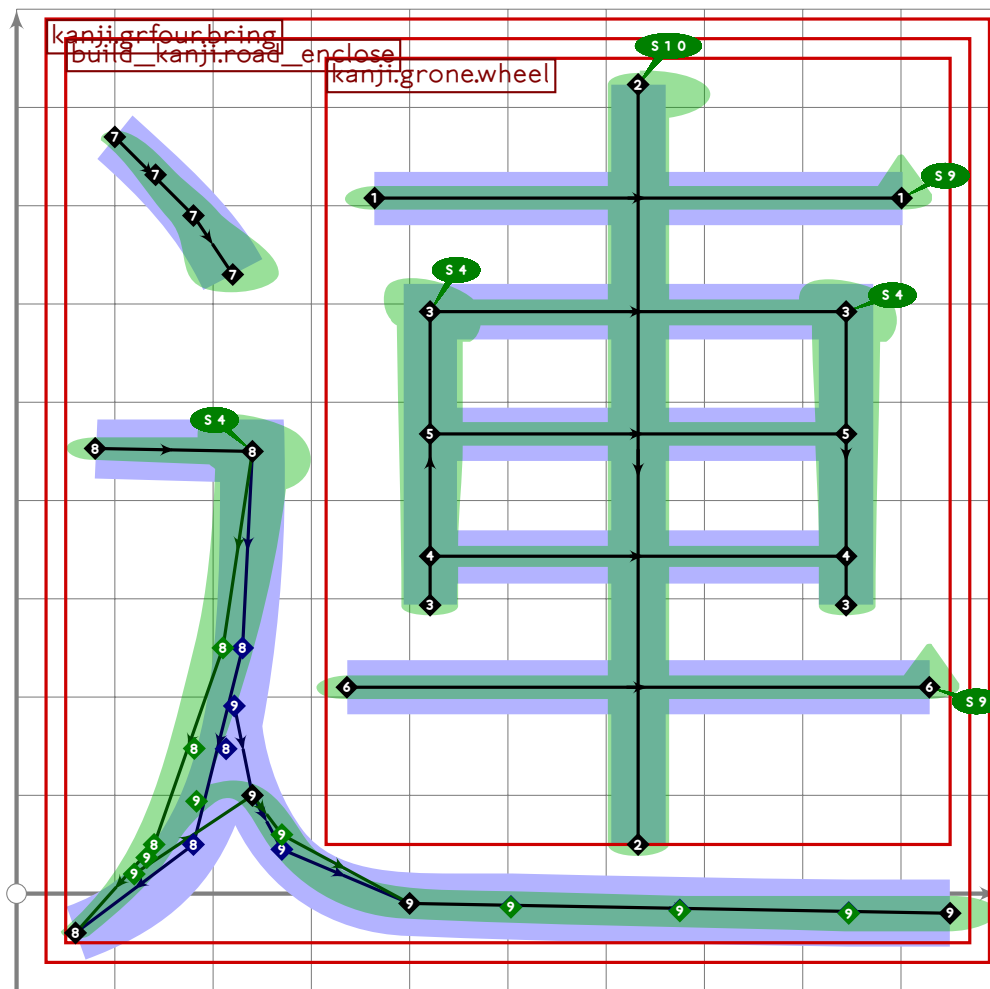
FOUR



```

87
88 vardef kanji.grfour.become =
89   push_pbox__toexpand("kanji.grfour.become");
90   kanji.grnine.fifth;
91   push_stroke((173,280)-(410,280),
92     (1.6,1.6)-(1.6,1.6));
93   build_kanji.add_jtail(0);
94   replace_strokep(0)(oldp shifted (0,110));
95   set_boserif(0,14);
96   set_botip(0,1);
97   expand_pbox;
98 enddef;

```



FOUR

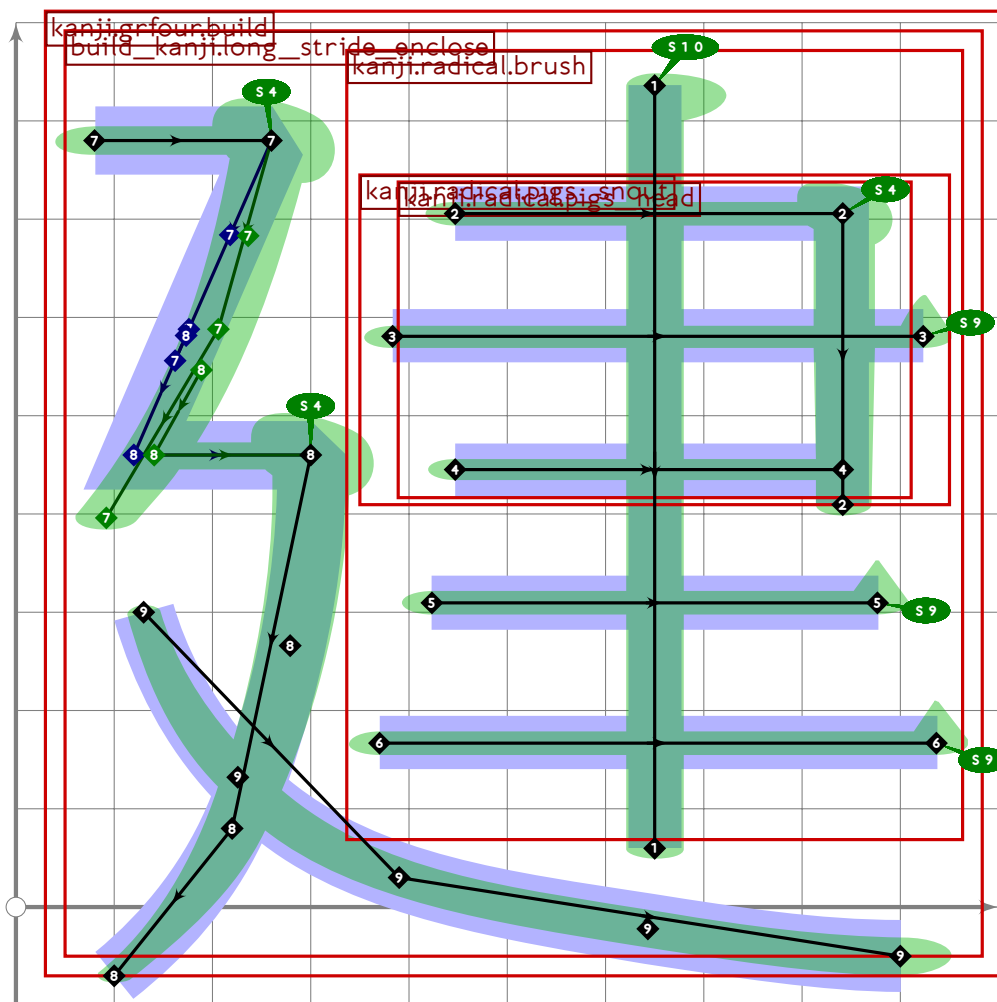
```

99
100 vardef kanji.grfour.bring =
101   push_pbox_toexpand("kanji.grfour.bring");
102   build_kanji.road_enclose(kanji.grone.wheel);
103   expand_pbox;
104 enddef;

```

U+5EFA
tsuku.uni5EFA

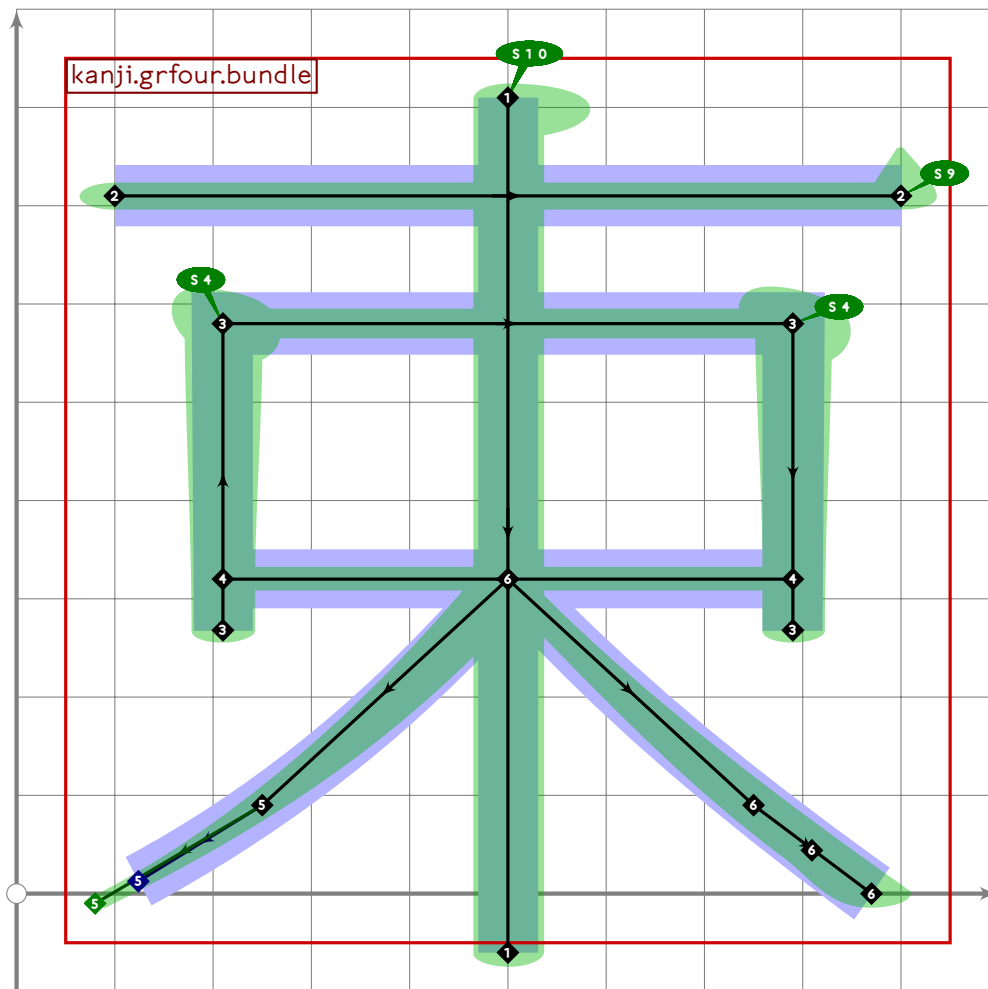
FOUR



```

105
106 vardef kanji.grfour.build =
107   push_pbox_toexpand("kanji.grfour.build");
108   build_kanji.long_stride_enclose
109     (build_kanji.sscale(yscaled 1.1 shifted (0,30))(kanji.radical.brush));
110   expand_pbox;
111 enddef;

```



FOUR

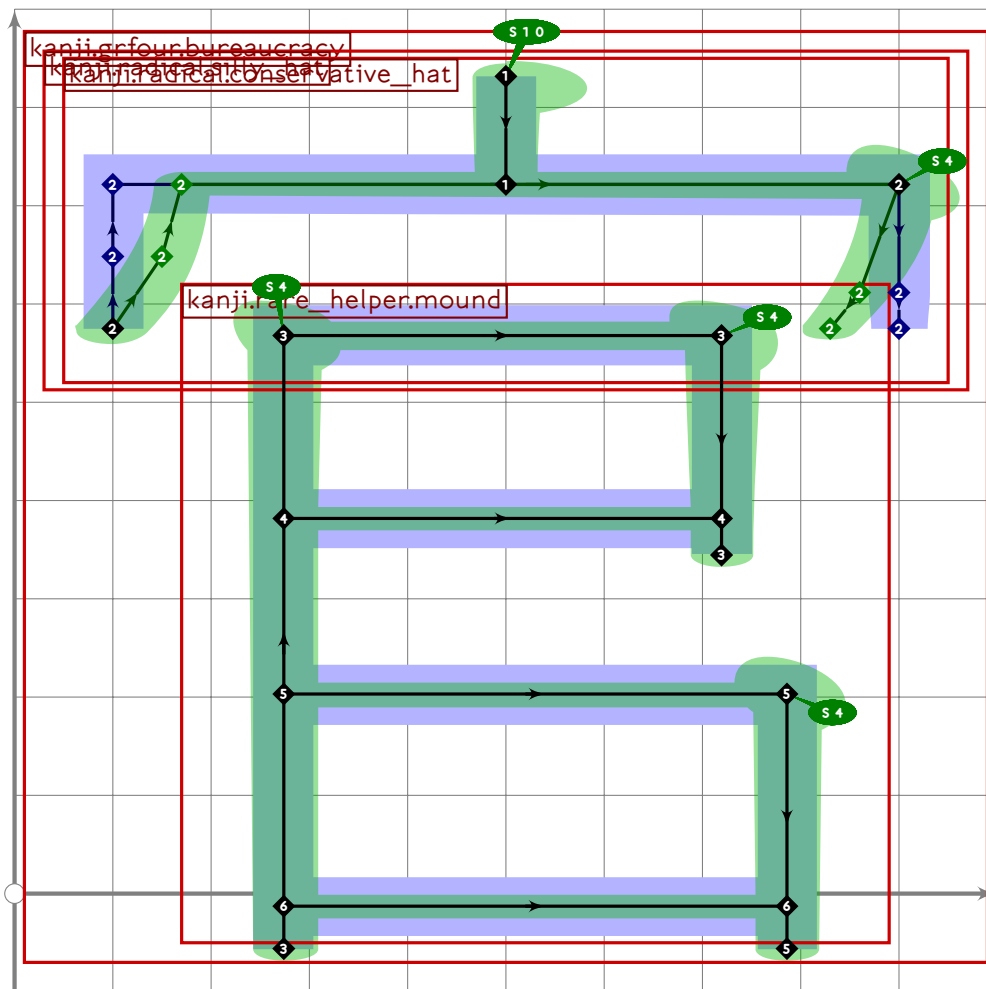
```

112
113 vardef kanji.grfour.bundle =
114   push_pbox_toexpand("kanji.grfour.bundle");
115   push_stroke((500,810)-(500,-60),
116     (1,6,1,6)-(1,6,1,6));
117   set_boserif(0,0,10);
118   push_stroke((100,710)-(900,710),
119     (1,6,1,6)-(1,6,1,6));
120   set_boserif(0,1,9);
121   build_kanji.box((210,580),(790,320));
122   push_stroke((500,320)..(250,90)..(80,-10),
123     (1,6,1,6)..(1,3,1,3)..(0,9,0,9));
124   push_stroke((500,320)..(750,90)..(870,0),
125     (1,1,1,1)..(1,5,1,5)..(1,7,1,7));
126   for i=-6 upto 0: set_bosize(i,89); endfor;
127   expand_pbox;
128 enddef;

```

U+5B98
tsuku.uni5B98

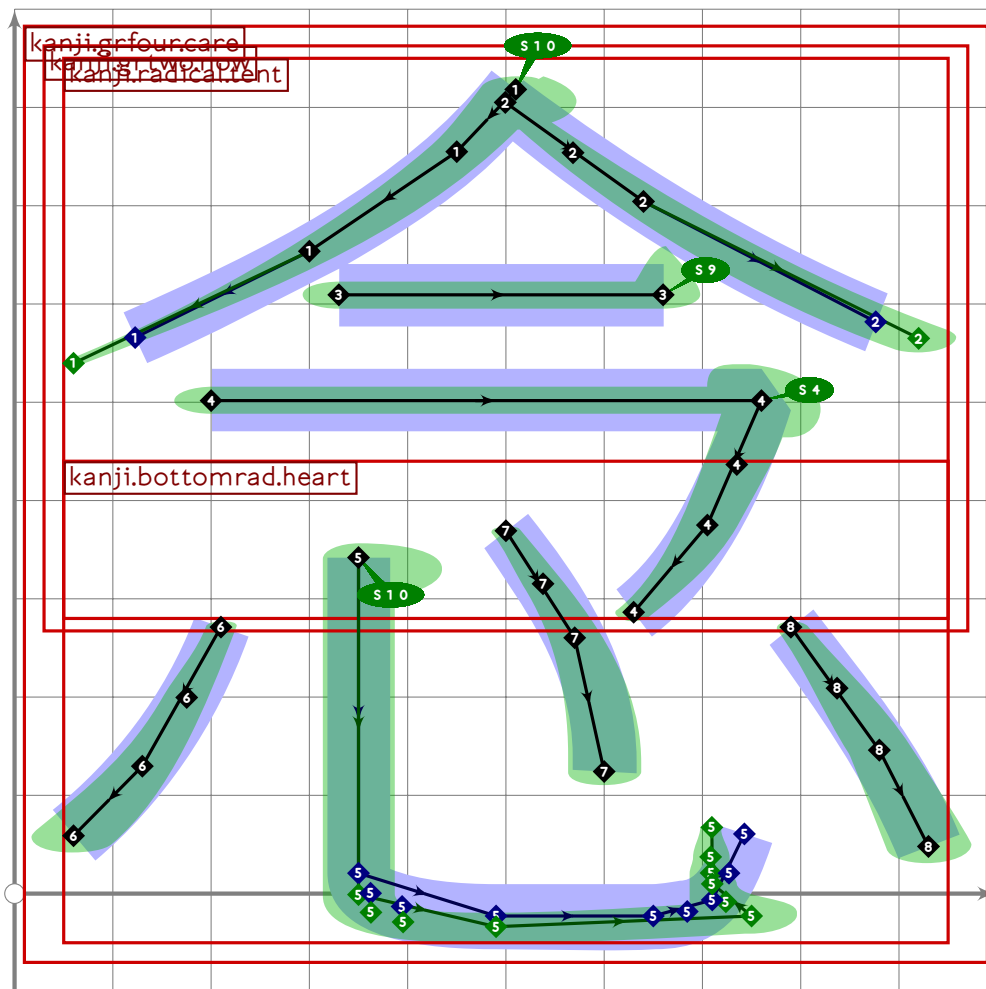
FOUR



```

129
130 vardef kanji.grfour.bureaucracy =
131   push_pbox_toexpand("kanji.grfour.bureaucracy");
132   build_kanji.level(build_kanji.tb(570,100)
133     (kanji.radical.silly_hat)
134     (build_kanji.scale(xscaled 0.8 shifted (30,0))
135       (kanji.rare_helper.mound)));
136   expand_pbox;
137 enddef;

```



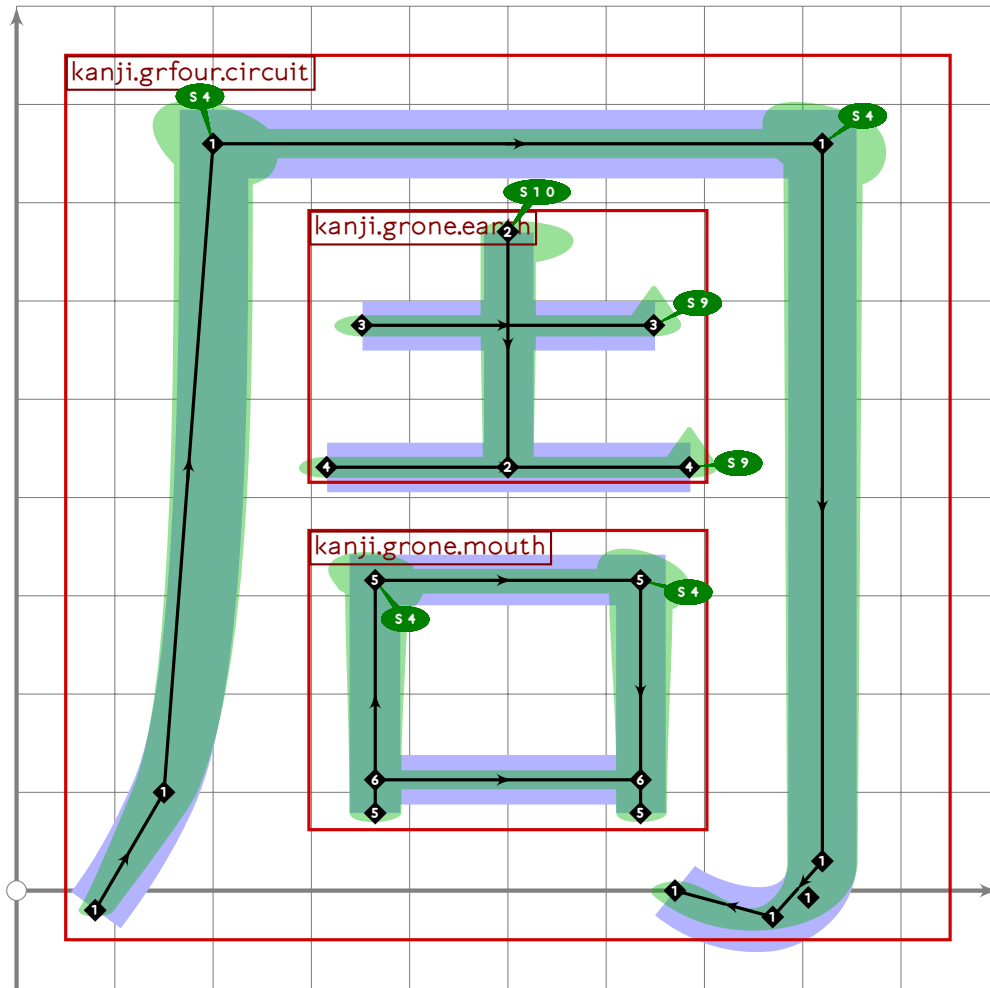
FOUR

```

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

```

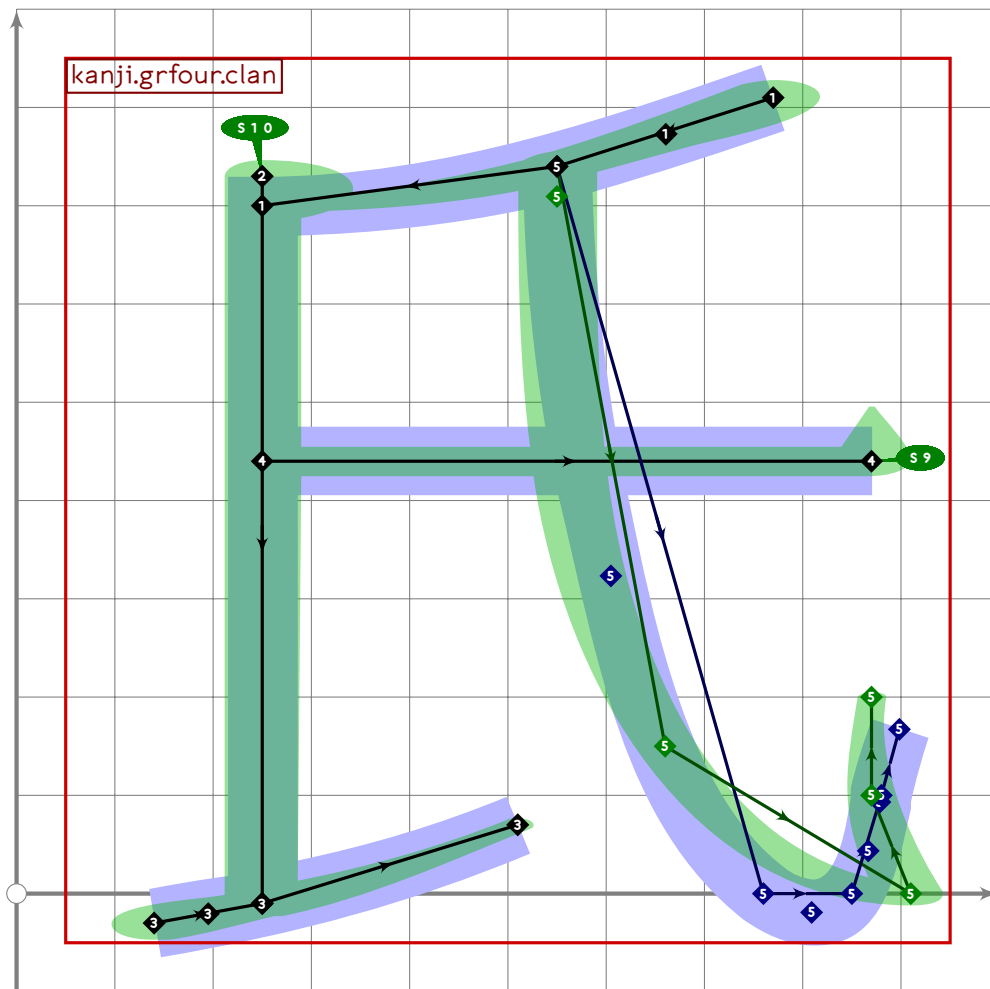
FOUR



```

151
152 vardef kanji.grfour.circuit =
153   push_pbox__toexpand("kanji.grfour.circuit");
154   push_stroke((80,20)..(150,100)..{up}(200,760){right}--(820,760),
155     (1,1)--(14,14)--(1.6,1.6)--(1.6,1.6));
156   build_kanji.add_jtail(0);
157   set_botip(0,2,0.8);
158   set_botip(0,3,1);
159   set_boserif(0,2,4);
160   set_boserif(0,3,4);
161   build_kanji.sscale(xyscaled (0.45,0.7) shifted (0,-20))
162     (build_kanji.tb(420,-70)
163       (kanji.grone.earth)
164       (kanji.grone.mouth));
165   expand__pbox;
166 enddef;

```

FOUR

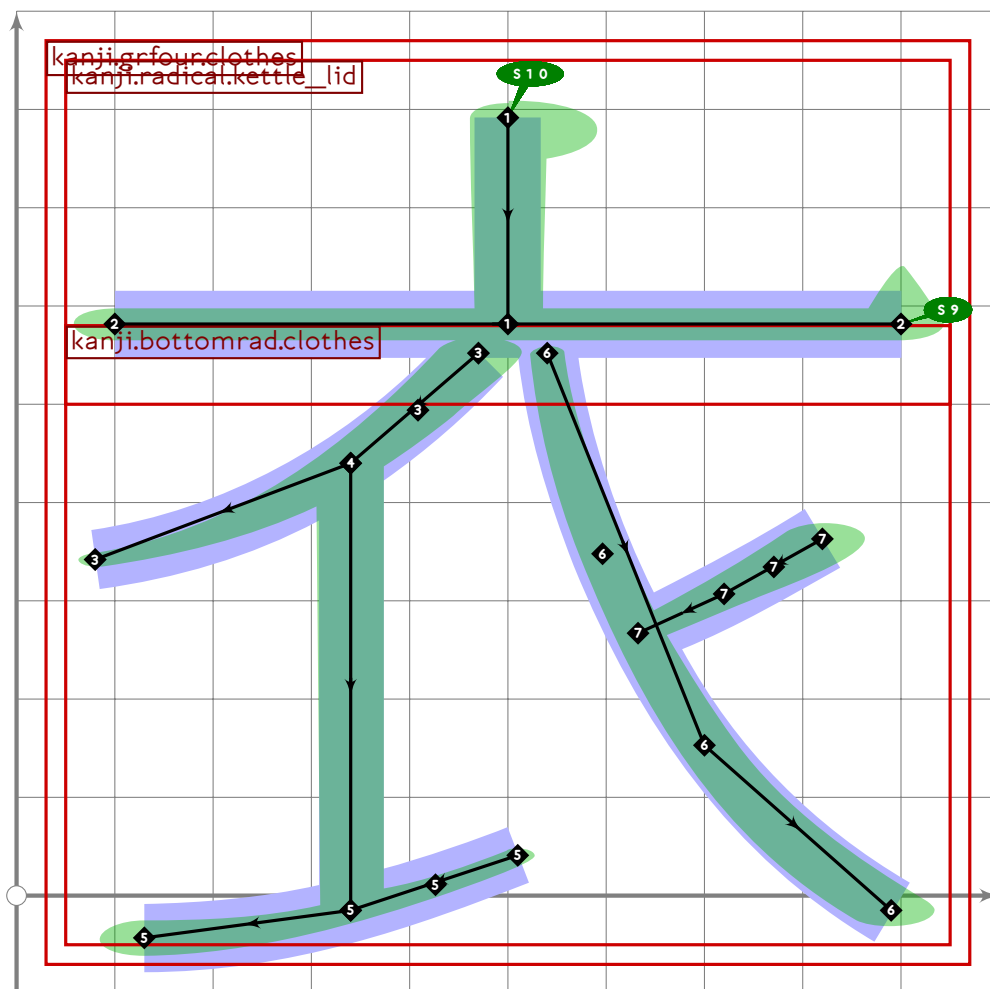
```

167
168 vardef kanji.grfour.clan =
169   push_pbox_toexpand("kanji.grfour.clan");
170   push_stroke((770,810)..tension 1.2..(550,740)..(250,700),
171     (1.8,1.8)–(1.5,1.5)–(1,1));
172   push_stroke((250,730)–(250,10),
173     (1.6,1.6)–(1.5,1.5));
174   set_boserif(0,0,10);
175   push_stroke((140,30)..tension 1.2..(250,10)..(510,70),
176     (1.7,1.7)–(1.5,1.5)–(1,1));
177   push_stroke((250,440)–(870,440),(1.6,1.6)–(1.6,1.6));
178   set_boserif(0,19);
179   push_stroke(interpath(mincho,
180     (550,740){down}..tension 1.2 and 1.6..(760,0)..(850,0)..tension 1.5..
181     (880,100)..(910,200),
182     (550,740){down}..(660,150)..{right}(910,0){curl 1}..
183     (870,100)..(870,200)),
184     (1.6,1.6)–(1.4,1.4)–(1.4,1.4)–(1.2,1.2)–(0.9,0.9));
185   expand_pbox;
186 enddef;

```

U+8863
tsuku.uni8863

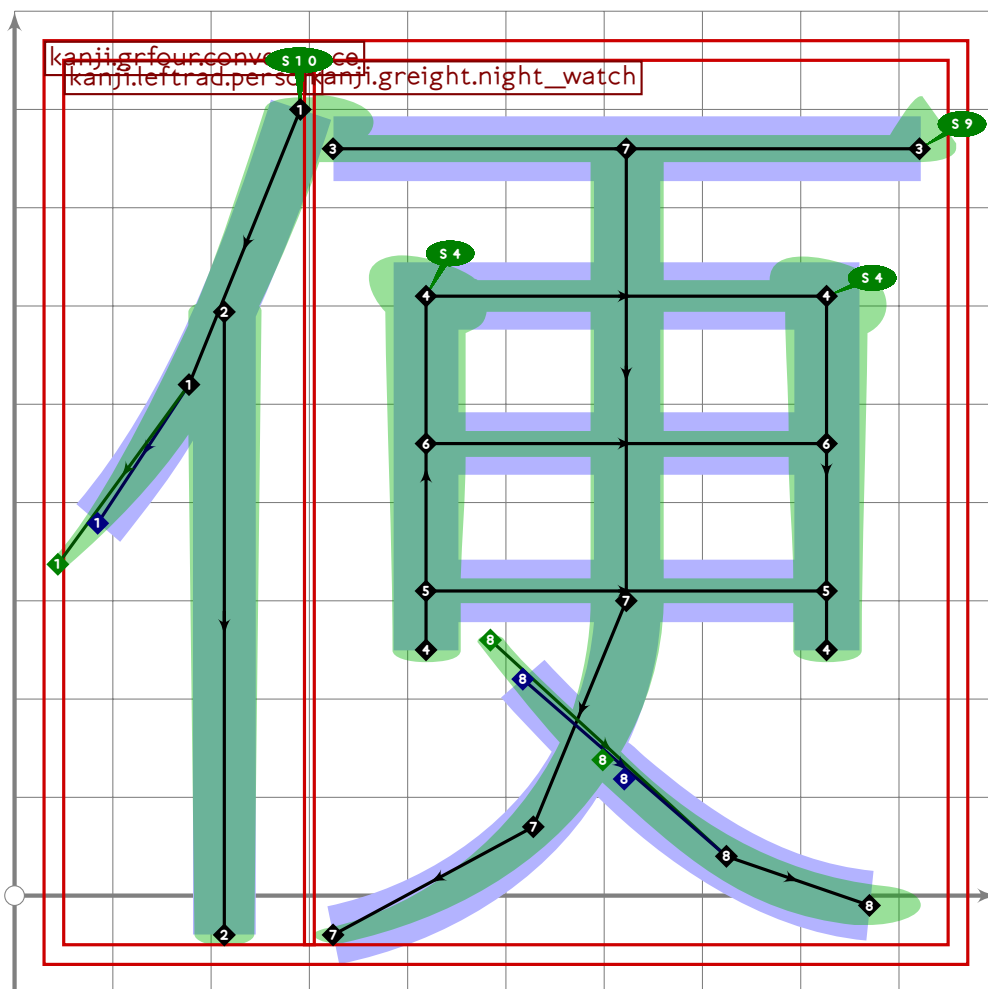
FOUR



```

187
188 vardef kanji.grfour.clothes =
189   push_pbox_toexpand("kanji.grfour.clothes");
190   build_kanji.level(build_kanji.tb(540,80)
191     (kanji.radical.kettle_lid)
192     (kanji.bottomrad.clothes));
193   expand_pbox;
194 enddef;

```



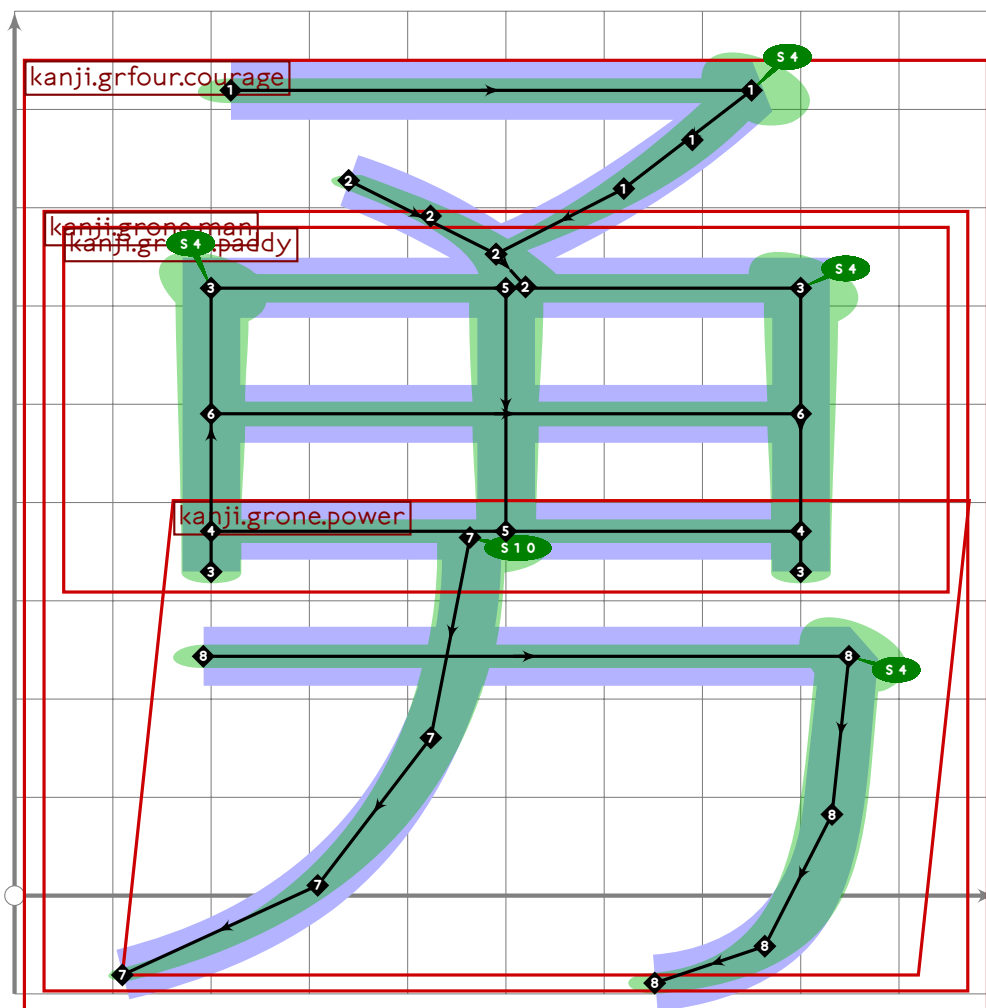
FOUR

```

195
196 vardef kanji.grfour.convenience =
197   push_pbox__toexpand("kanji.grfour.convenience");
198   build_kanji.lr(300,10)
199     (kanji.leftrad.person)
200     (kanji.greight.night_watch);
201   expand_pbox;
202 enddef;

```

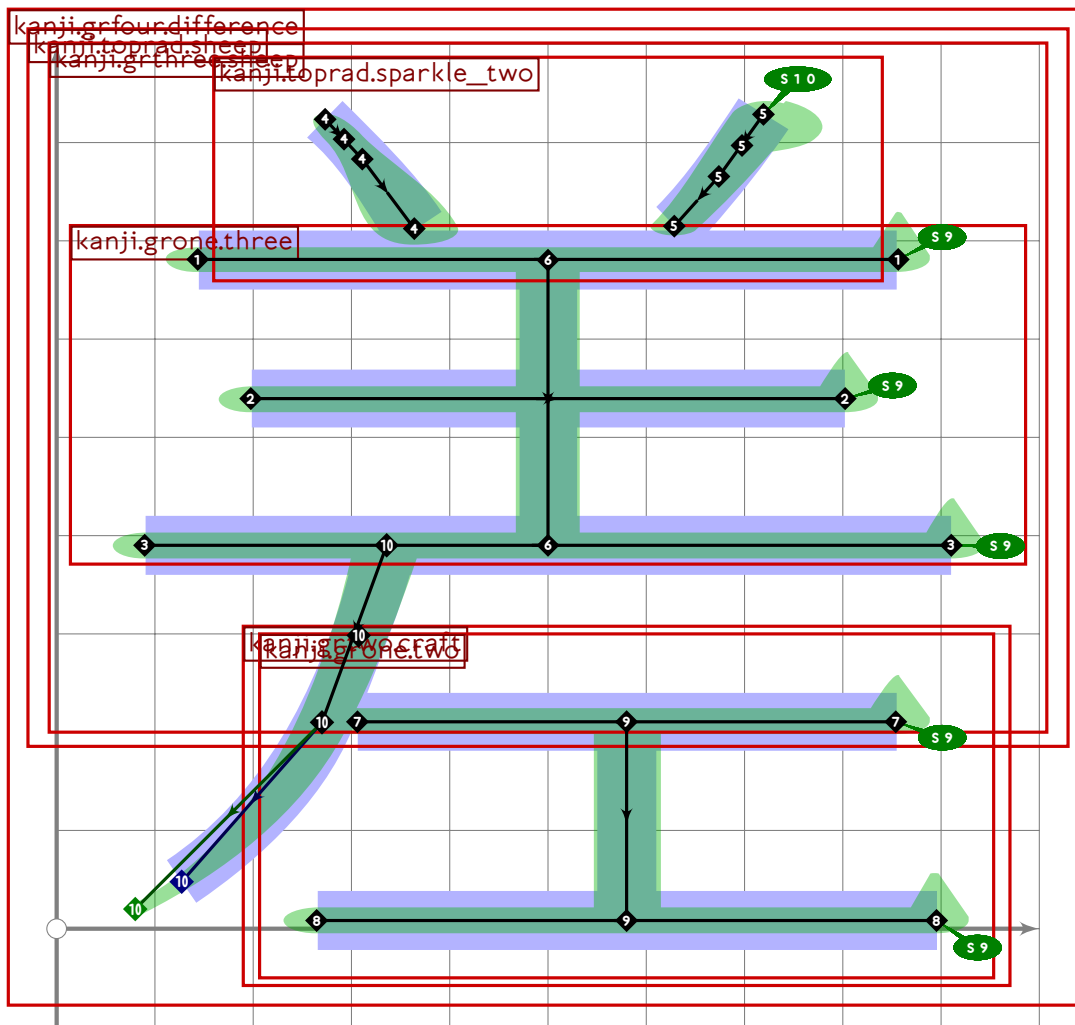
FOUR



```

203
204 vardef kanji.grfour.courage =
205   push_pbox_toexpand("kanji.grfour.courage");
206   build_kanji.level(build_kanji.tb(640,80)
207     (push_stroke((220,740)-(750,740)..tension 1.2..(620,380)..(490,140),
208       (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.1,1.1)));
209     set_botip(0,1,0);
210     set_boserif(0,1,4);
211     push_stroke((340,410)..tension 1.2..(490,140)..(520,20),
212       (1.1,1.1)-(1.5,1.5)-(1.8,1.8)))
213     (kanji.grone.man));
214   expand_pbox;
215 enddef;

```



FOUR

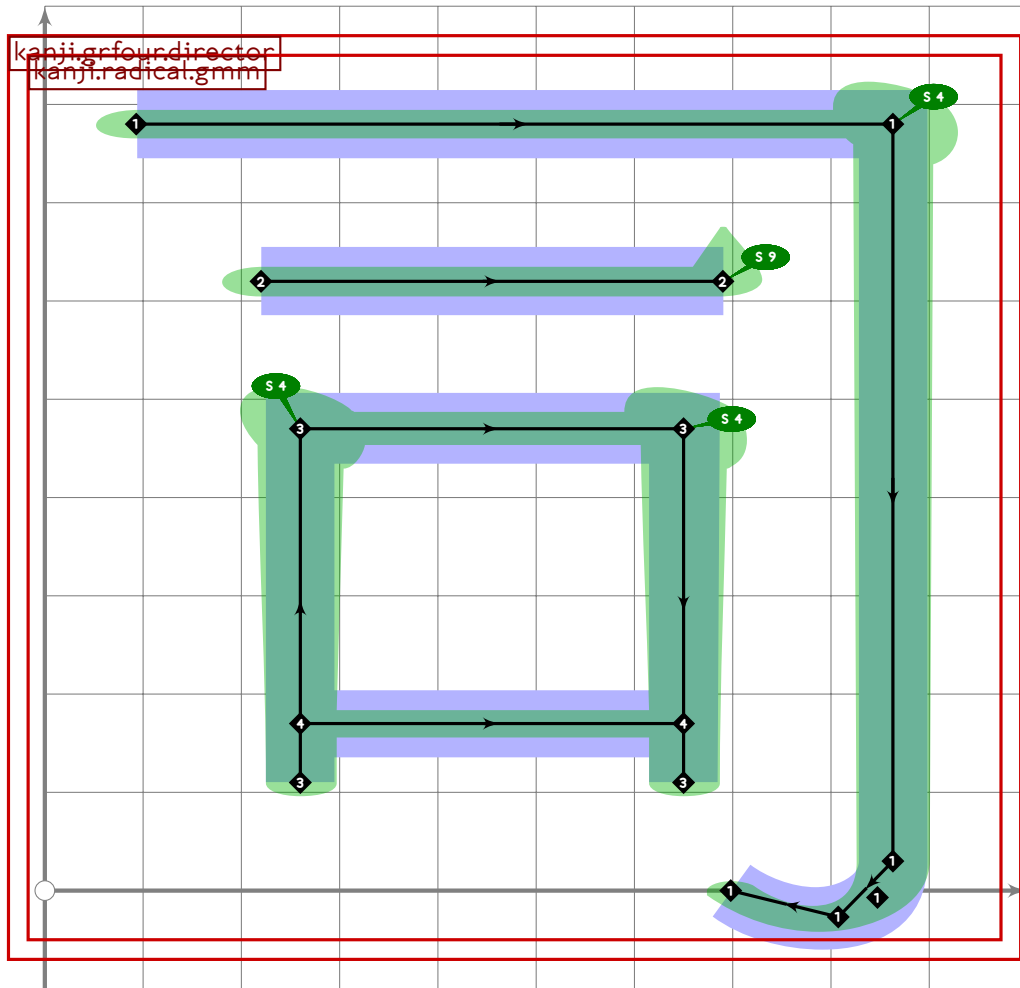
```

216
217 vardef kanji.grfour.difference =
218   push_pbox_toexpand("kanji.grfour.difference");
219   build_kanji.level(
220     build_kanji.tb(250,100)
221     (build_kanji.sscale(xscaled 1.08)(kanji.toprad.sheep))
222     (build_kanji.sscale(xscaled 0.83 shifted (80,0))(kanji.grtwo.craft));
223   push_stroke(
224     (point 0.30 of get_stroke(-6))..tension 1.2..(270,210)..(80,20),
225     (1.6,1.6)-(1.4,1.4)-(0.9,0.9));
226   expand_pbox;
227 enddef;

```

U+53F8
tsuku.uni53F8

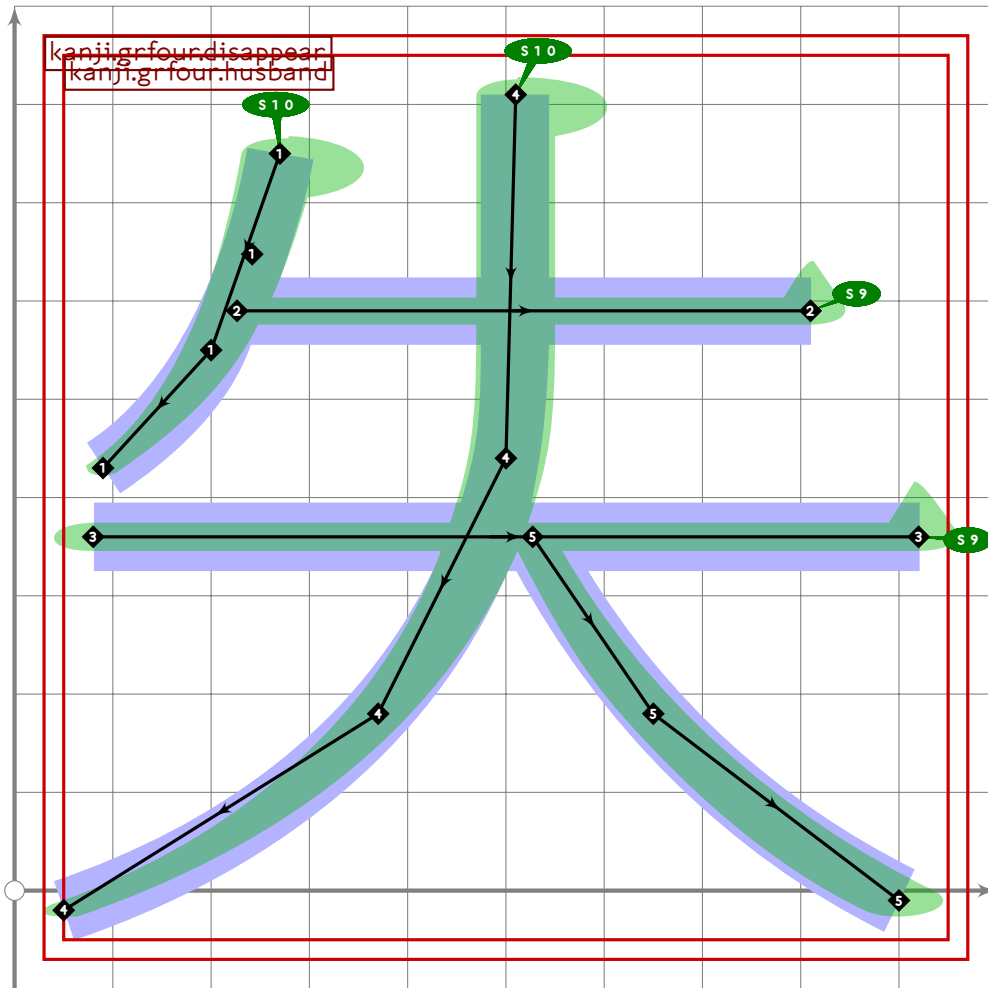
FOUR



```

228
229 vardef kanji.grfour.director =
230   push_pbox__toexpand("kanji.grfour.director");
231   build_kanji.sscale(shifted (-20,0) xscaled 1.1)
232     (kanji.radical.gmm);
233   replace_strokep(0)(subpath (2,infinity) of oldp);
234   replace_strokeq(0)(subpath (2,infinity) of oldq);
235   set_botip(0,1,4);
236   set_boserif(0,1,4);
237   set_botip(0,2,whatever);
238   set_boserif(0,2,whatever);
239   set_botip(0,3,whatever);
240   set_boserif(0,3,whatever);
241   push_stroke((220,620)-(690,620),
242     (1.6,1.6)-(1.6,1.6));
243   set_boserif(0,1,9);
244   build_kanji.box((260,470),(650,170));
245   expand_pbox;
246 enddef;

```



FOUR

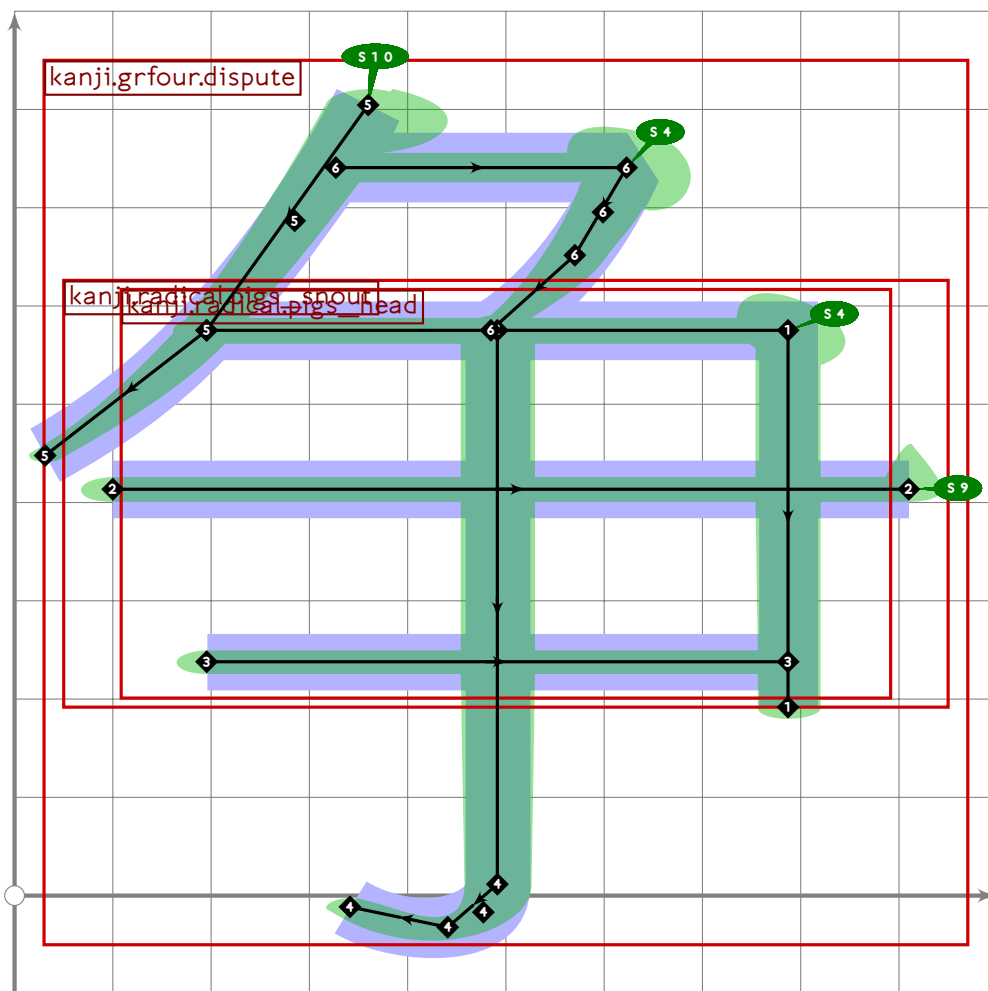
```

247
248 vardef kanji.grfour.disappear =
249   push_pbox__toexpand("kanji.grfour.disappear");
250   push_stroke((270,750)..tension 1.2..(200,550)..(90,430),
251     (1.6,1.6)-(1.4,1.4)-(1,1));
252   set_boserif(0,0,10);
253   kanji.grfour.husband;
254   replace_stroke(-3)((100,590)-(810,590));
255   replace_stroke(-3)(subpath
256     (0.01+upart (oldp intersectiontimes get_stroke(-4)),1) of oldp);
257   expand_pbox;
258 enddef;

```

U+4E89
tsuku.uni4E89

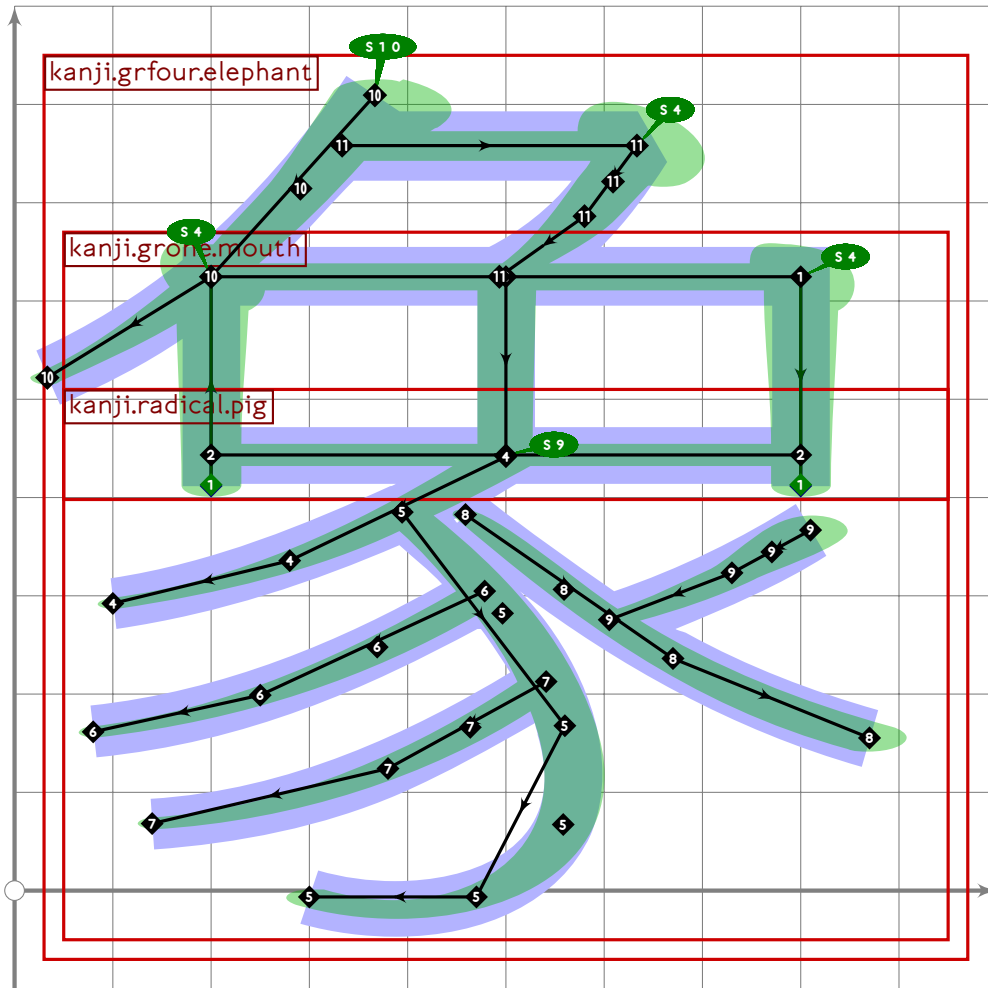
FOUR



```

259
260 vardef kanji.grfour.dispute =
261   push_pbox_toexpand("kanji.grfour.dispute");
262   build_kanji.attach_fishhook(0.77)(
263     build_kanji.sscale(yscaled 0.6 shifted (0,150))
264     (kanji.radical.pigs_snout);
265     push_stroke((point 0.5 of get_strokep(-2)),((1.6,1.6)));
266     build_kanji.add_jtail(0));
267   expand_pbox;
268 enddef;

```

FOUR

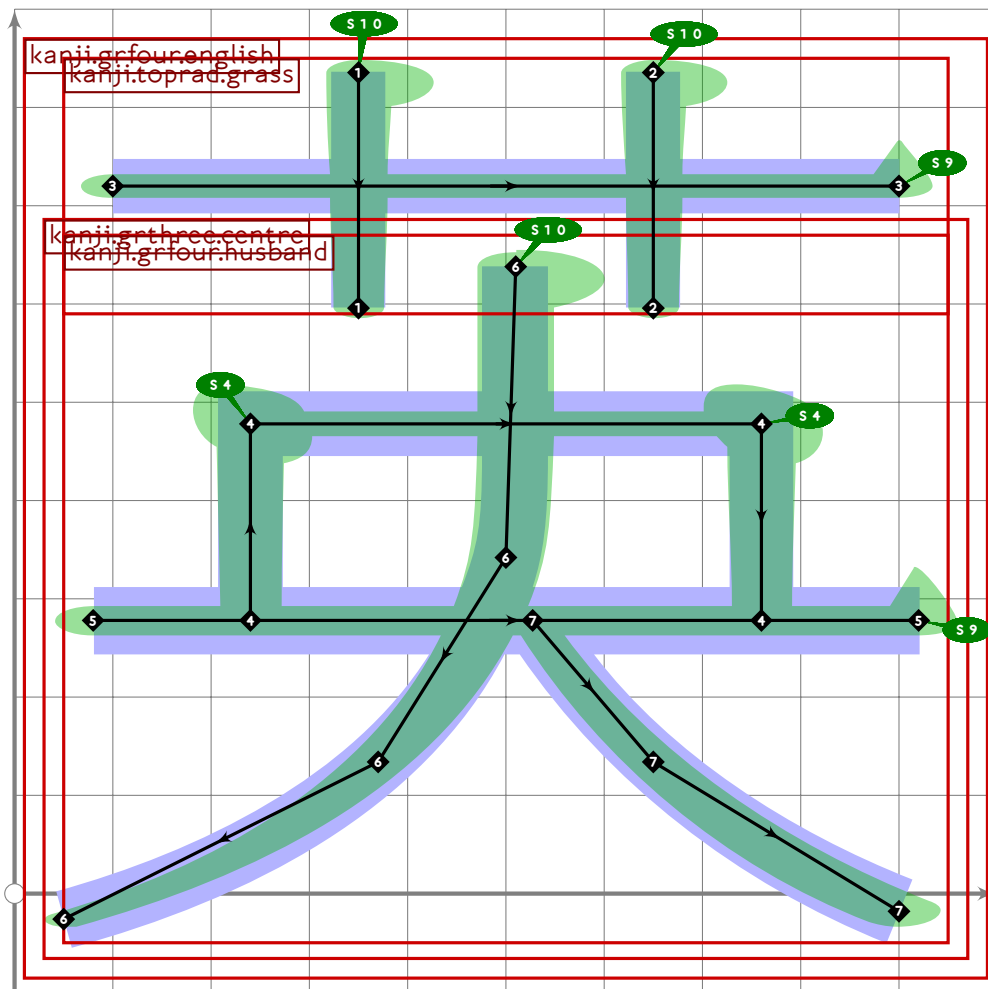
```

269
270 vardef kanji.grfour.elephant =
271   push_pbox__toexpand("kanji.grfour.elephant");
272   build_kanji.attach_fishhook(0.8)
273   (build_kanji.level(build_kanji.tb(580,140)
274     (kanji.grone.mouth)
275     (kanji.radical.pig);
276     replace_stroke(-6)((point 1.5 of get_stroke(-8))
277       -(point 0.5 of get_stroke(-7)));
278     replace_stroke(-6)((1.5,1.5)-(1.4,1.4)));
279   expand_pbox;
280 enddef;

```

U+82F1
tsuku.uni82F1

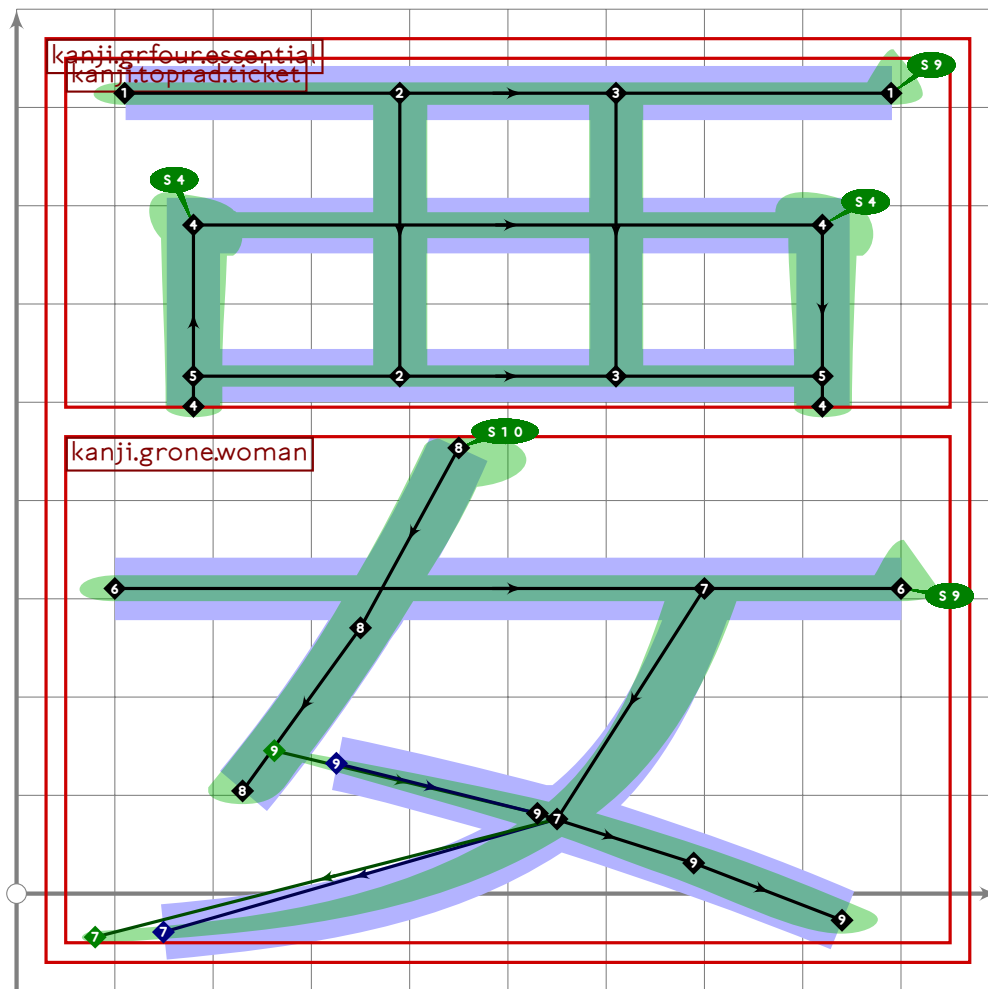
FOUR



```

281
282 vardef kanji.grfour.english =
283   push_pbox_toexpand("kanji.grfour.english");
284   build_kanji.tb(630,80)
285     (kanji.toprad.grass)
286     (kanji.grthree.centre);
287   expand_pbox;
288 enddef;

```



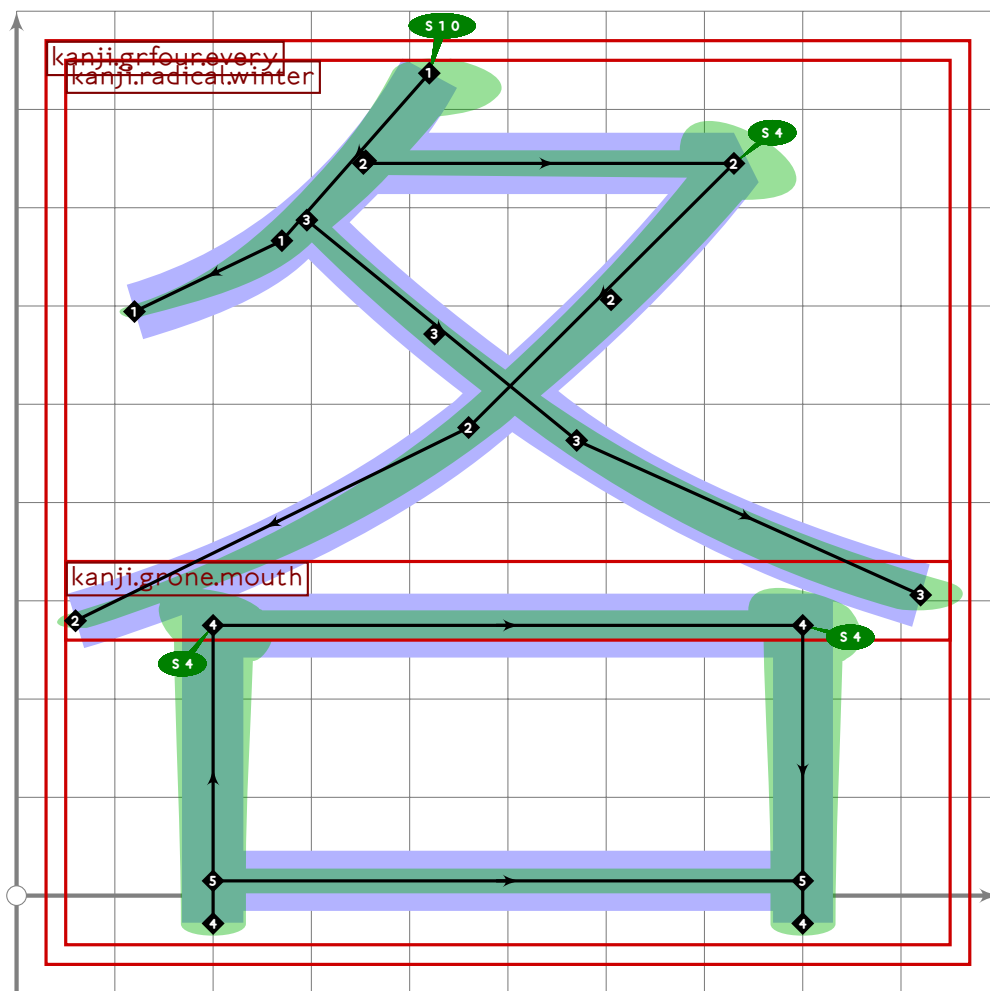
FOUR

```

289
290 vardef kanji.grfour.essential =
291   push_pbox__toexpand("kanji.grfour.essential");
292   build_kanji.tb(480,-30)
293     (kanji.toprad.ticket)
294     (kanji.grone.woman);
295   expand_pbox;
296 enddef;

```

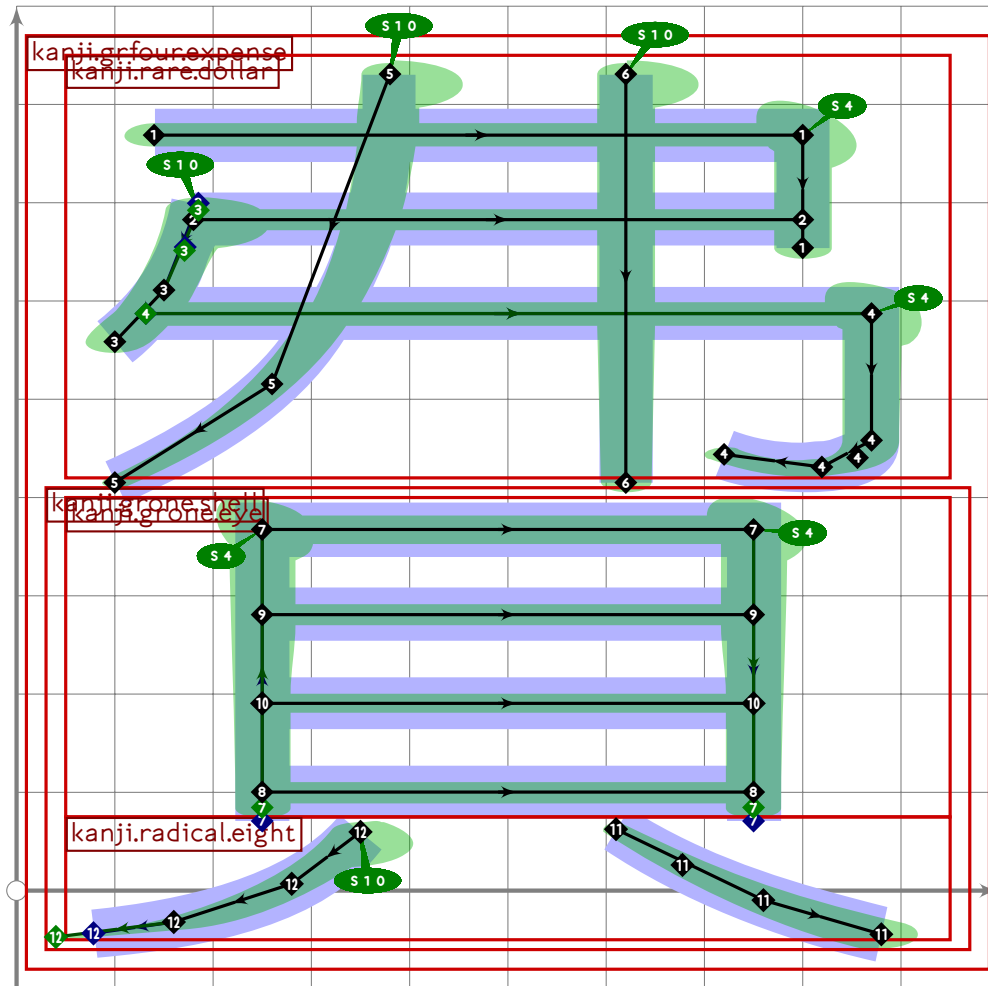
FOUR



```

297
298 vardef kanji.grfour.every =
299   push_pbox_toexpand("kanji.grfour.every");
300   build_kanji.level(build_kanji.tb(300,80)
301     (kanji.radical.winter)
302     (kanji.grone.mouth));
303   expand_pbox;
304 enddef;

```



FOUR

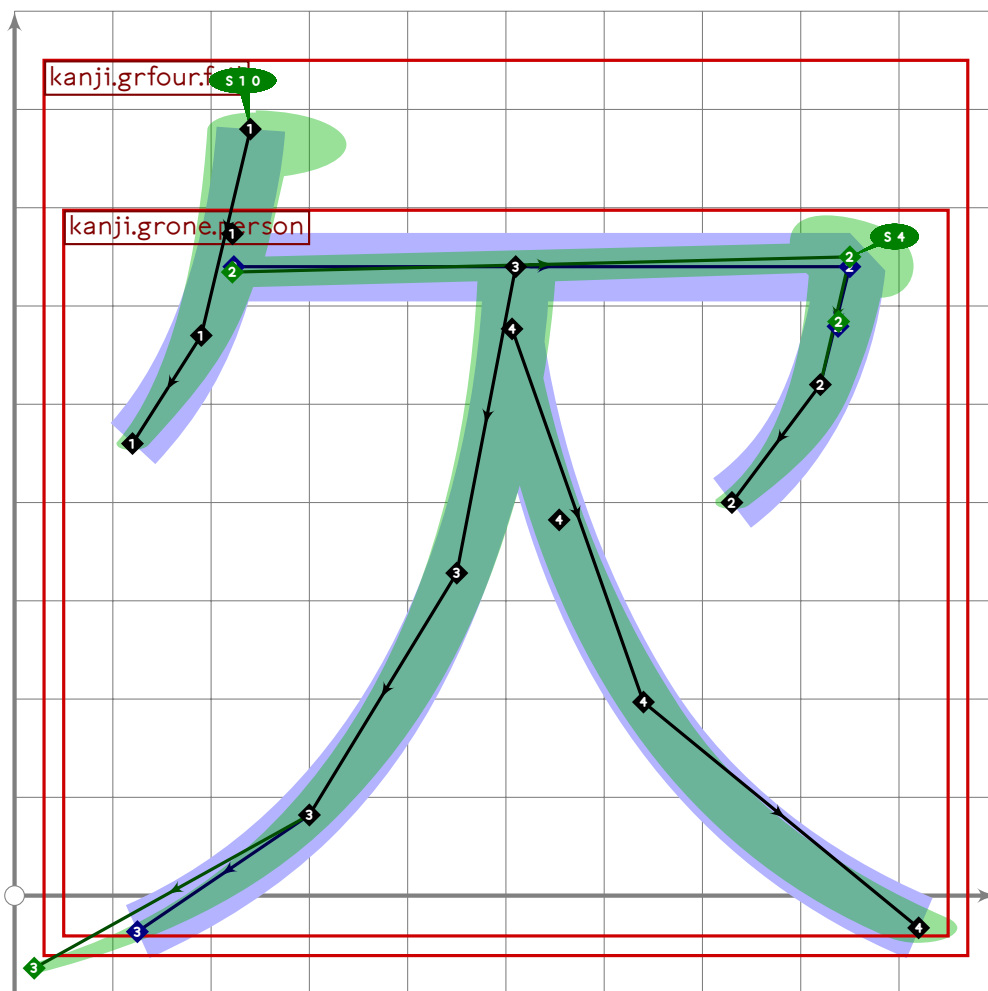
```

305
306 vardef kanji.grfour.expense =
307   push_pbox_toexpand("kanji.grfour.expense");
308   build_kanji.thickness(0.92)(build_kanji.level(build_kanji.tb(410,-20)
309     (kanji.rare.dollar)
310     (kanji.grone.shell)));
311   expand_pbox;
312 enddef;

```

U+6B20
tsuku.uni6B20

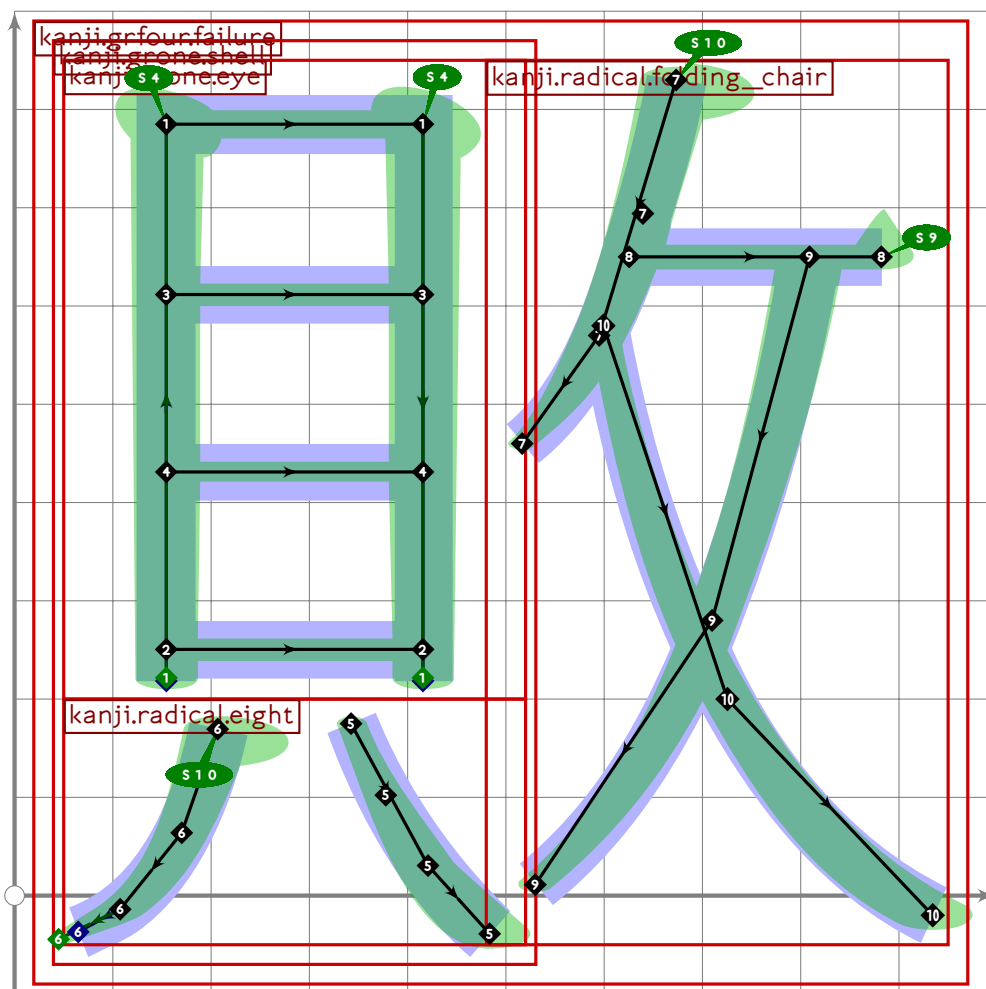
FOUR



```

313
314 vardef kanji.grfour.fail =
315   push_pbox__toexpand("kanji.grfour.fail");
316   push_stroke((240,780)..tension 1.2..(190,570)..(120,460),
317     (1,7,1,7)-(1,4,1,4)-(1,1));
318   set_boserif(0,0,10);
319   push_stroke(
320     ((get_strokep(0) intersectionpoint
321       ((0,640-7*mincho)-(1000,640))+(10,0)))-(
322       ((850,640)+mincho*(0,10))..tension 1.2..(820,520)..(730,400),
323     (1,6,1,6)-(1,6,1,6)-(1,4,1,4)-(1,1));
324   set_boserif(0,1,4);
325   set_botip(0,1,0);
326   tsu_xform(identity yscaled (640/780))(kanji.grone.person);
327   set_boserif(-1,0,whatever);
328   expand_pbox;
329 enddef;

```



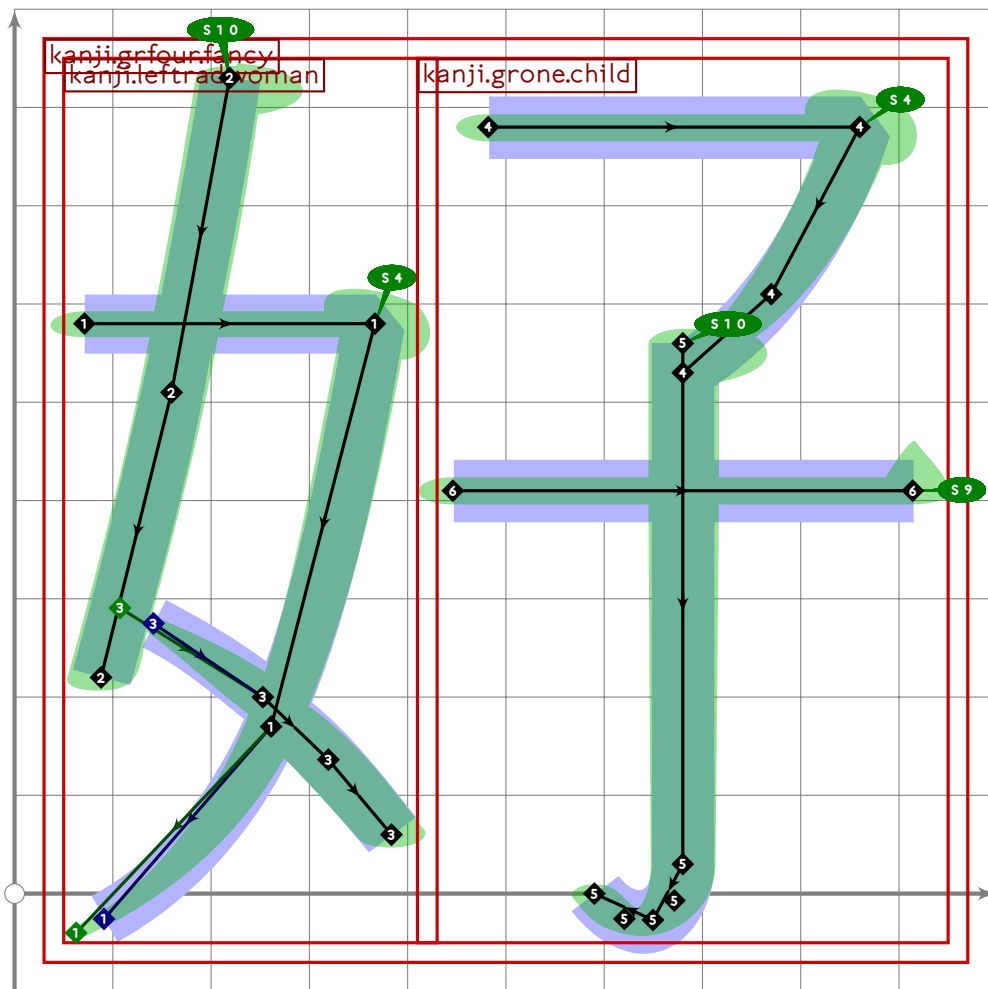
FOUR

```

330
331 vardef kanji.grfour.failure =
332   push_pbox__toexpand("kanji.grfour.failure");
333   build_kanji.level(build_kanji.lr(500,40)
334     (kanji.grone.shell)
335     (kanji.radical.folding_chair;
336       replace_stroke(-1)(subpath (0,length(olddp)-0.17) of oldp)));
337   expand_pbox;
338 enddef;

```

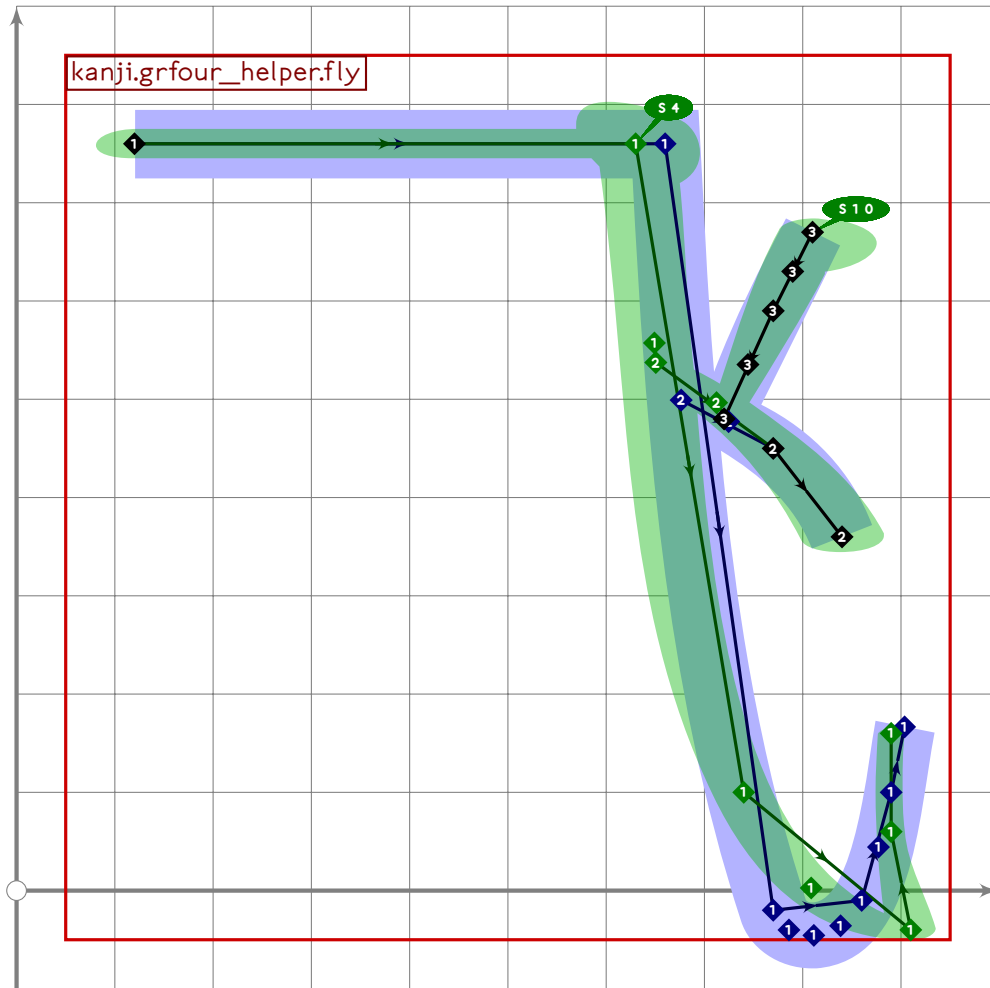
FOUR



```

339
340 vardef kanji.grfour.fancy =
341   push_pbox__toexpand("kanji.grfour.fancy");
342   build_kanji.lr(420,20)
343     (kanji.leftrad.woman)
344     (kanji.grone.child);
345   expand_pbox;
346 enddef;

```

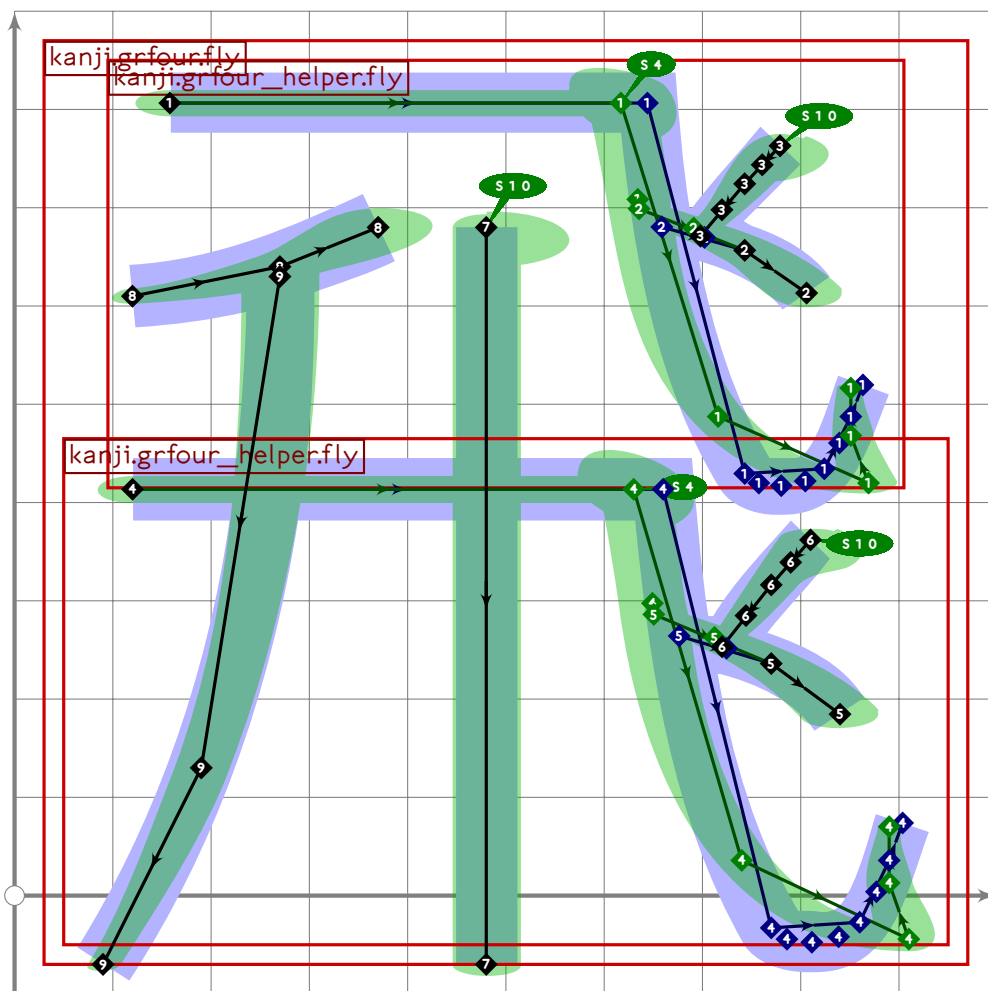
FOUR

```

347
348 vardef kanji.grfour_helper.fly =
349   push_pbox_toexpand("kanji.grfour_helper.fly");
350   push_stroke((120,760)-interpath(mincho,
351     (660,760){dir -87}{dir -72}{(770,-20)..(860,-10)..tension 1.5..
352     (890,100)..(910,200),
353     (630,760){dir -82}{(740,100)..{right}{(910,-40){curl 1}..
354     (890,60)..(890,160)),
355     (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.4,1.4)-(1.2,1.2)-(0.9,0.9));
356   set_botip(0,1);
357   set_boserif(0,1,4);
358   push_stroke((point 1.33 of get_stroke(0))
359     ..tension 1.2..(770,450)..(840,360),
360     (1.2,1.2)-(1.6,1.6)-(1.8,1.8));
361   set_bosize(0,90);
362   push_stroke((810,670)..tension 1.2..(770,590)..(720,480),
363     (1.6,1.6)-(1.4,1.4)-(1,1));
364   set_bosize(0,90);
365   set_boserif(0,0,10);
366   expand_pbox;
367 enddef;

```

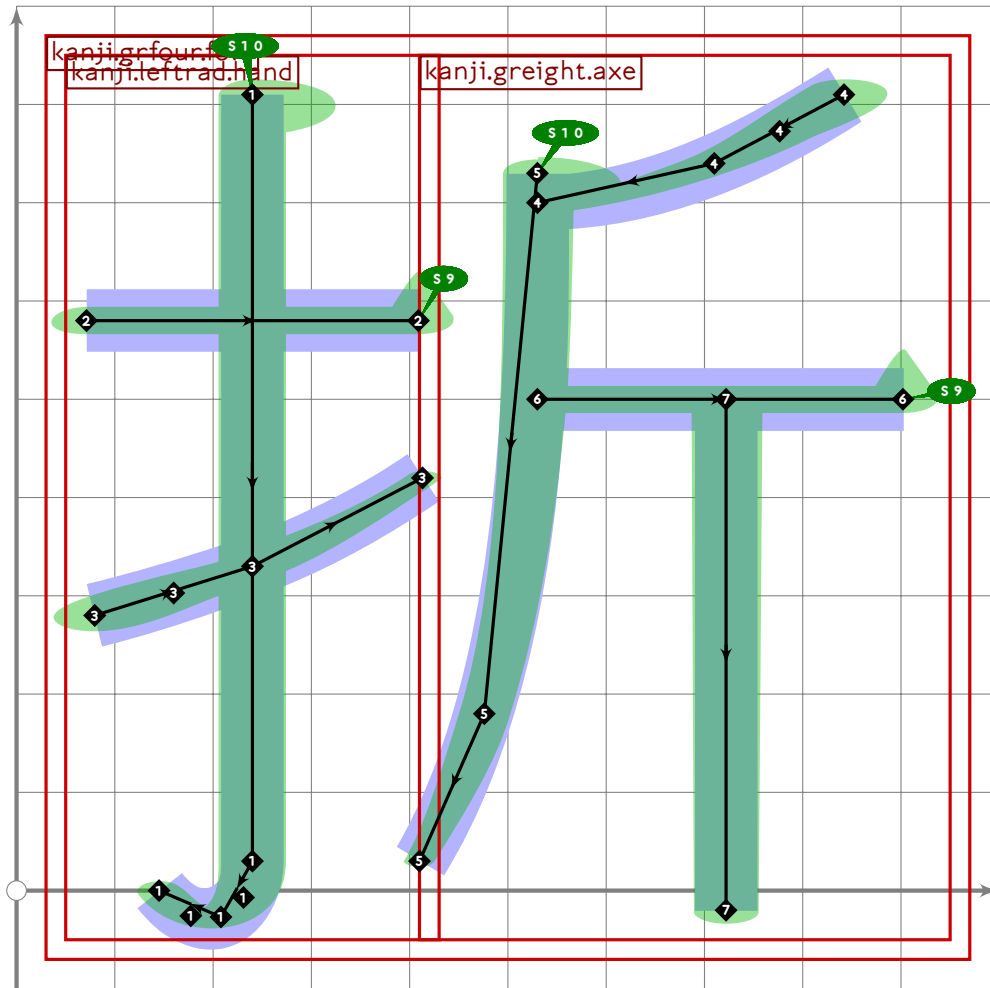
FOUR



```

368
369 vardef kanji.grfour.fly =
370   push_pbox__toexpand("kanji.grfour.fly");
371   build_kanji.tb(440,50)
372     (build_kanji.sscale(xscaled 0.9)(kanji.grfour_helper.fly))
373     (kanji.grfour_helper.fly);
374   push_stroke((480,680)-(480,-70),(1.6,1.6)-(1.5,1.5));
375   set_boserif(0,0,10);
376   set_bosize(0,90);
377   push_stroke((120,610)..(270,640)..tension 11..(370,680),
378     (1,1,1)-(1.6,1.6)-(2.0,2.0));
379   push_stroke((270,630){down}..(190,130)..(90,-70),
380     (1.6,1.6)-(1.3,1.3)-(1,1));
381   expand_pbox;
382 enddef;

```



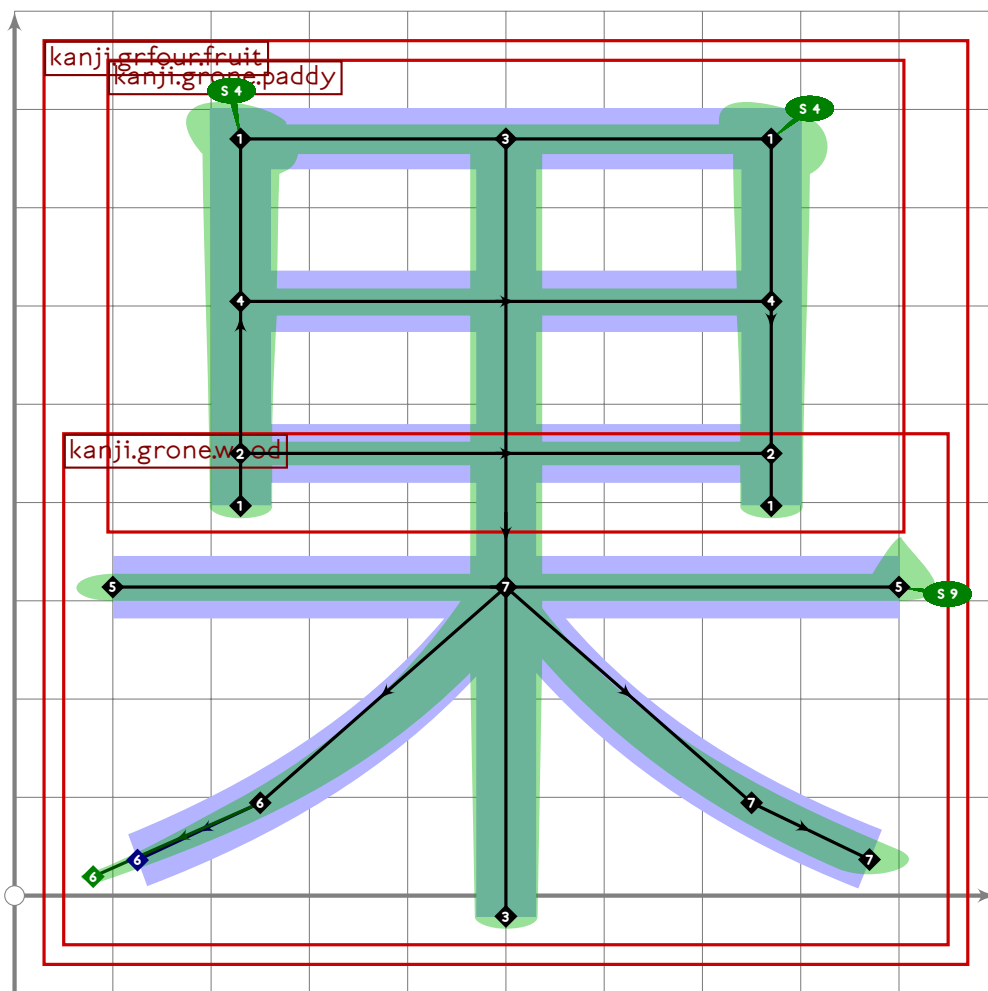
FOUR

```

383
384 vardef kanji.grfour.fold =
385   push_pbox__toexpand("kanji.grfour.fold");
386   build_kanji.level(build_kanji.lr(420,20)
387     (kanji.leftrad.hand)
388     (kanji.greight.axe));
389   expand_pbox;
390 enddef;

```

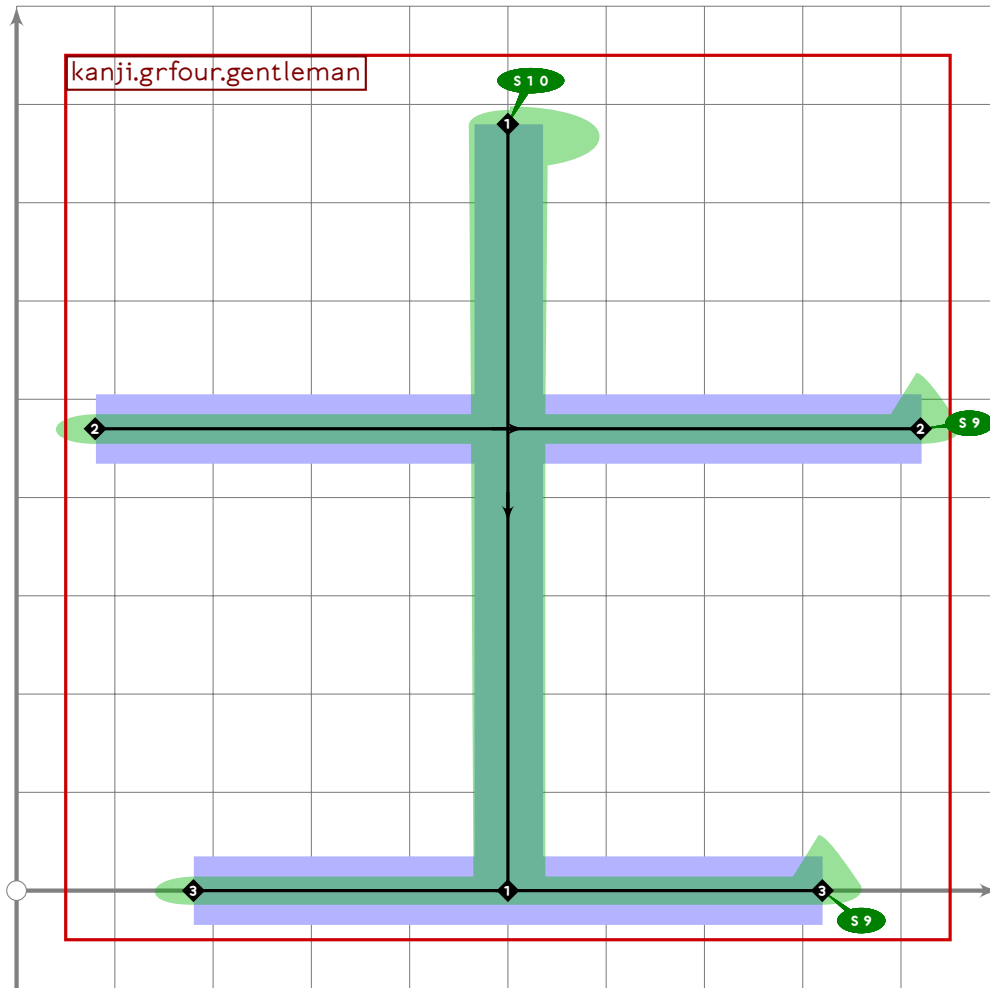
FOUR



```

391
392 vardef kanji.grfour.fruit =
393   push_pbox__toexpand("kanji.grfour.fruit");
394   build_kanji.tb(420,100)
395     (build_kanji.sscale(xscaled 0.9)(kanji.grone.paddy))
396     (kanji.grone.wood);
397   replace_strokep(-5)
398     ((point 0 of oldp)-(point infinity of get_strokep(-3)));
399   obstacktype[find_whatsoever(otstroke,3)]:=otnull;
400   expand_pbox;
401 enddef;

```



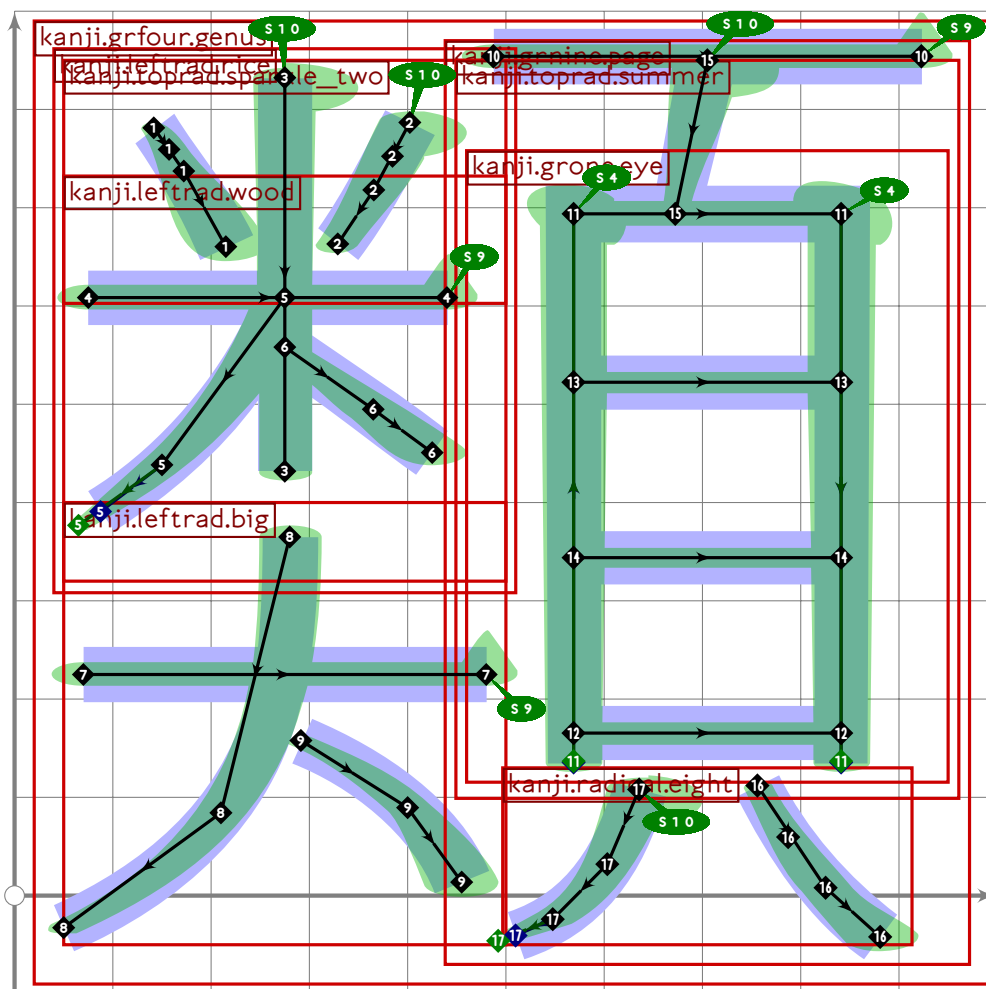
FOUR

```

402
403 vardef kanji.grfour.gentleman =
404   push_pbox__toexpand("kanji.grfour.gentleman");
405   push_stroke((500,780)–(500,0),
406     (1.6,1.6)–(1.5,1.5));
407   set_boserif(0,0,10);
408   push_stroke((80,470)–(920,470),
409     (1.6,1.6)–(1.6,1.6));
410   set_boserif(0,1,9);
411   push_stroke((180,0)–(820,0),
412     (1.6,1.6)–(1.6,1.6));
413   set_boserif(0,1,9);
414   expand_pbox;
415 enddef;

```

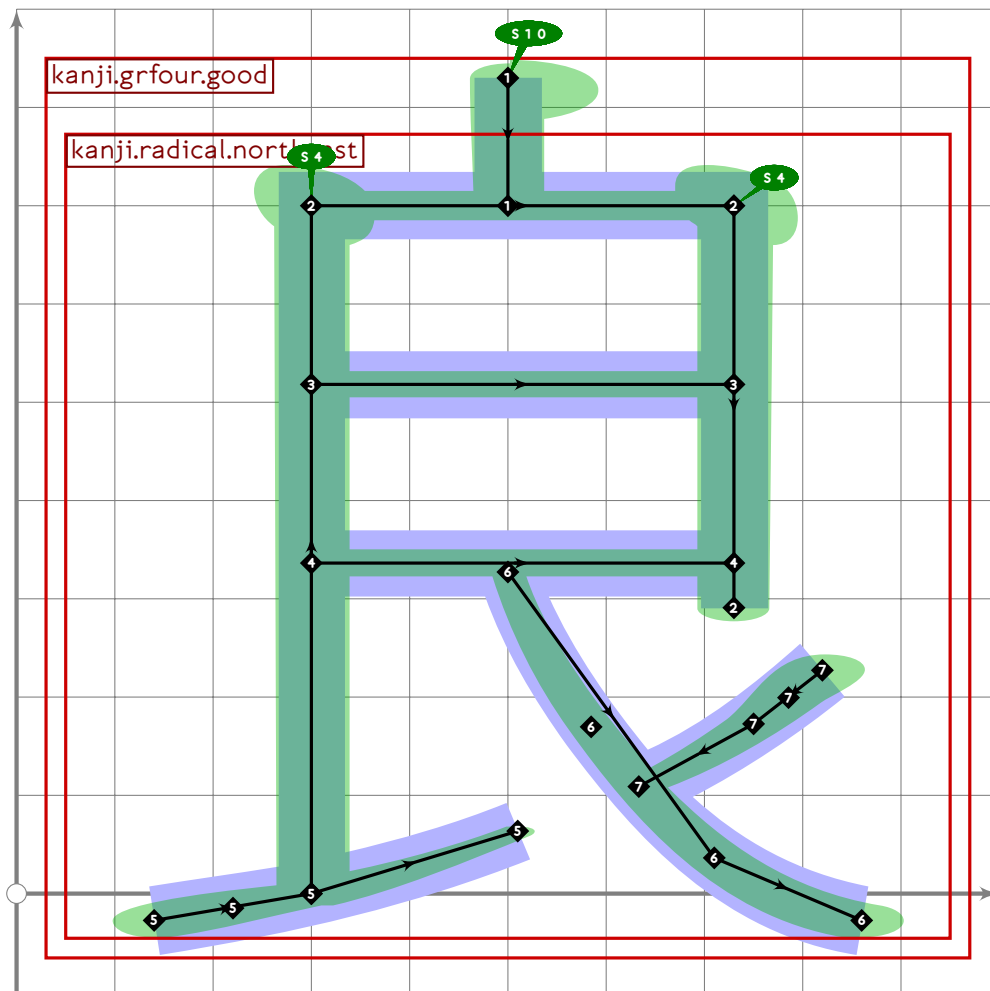
FOUR



```

416
417 vardef kanji.grfour.genus =
418   push_pbox_toexpand("kanji.grfour.genus");
419   build_kanji.level(build_kanji.lr(480,40)
420     (build_kanji.lift_skirt(200,40)(build_kanji.tb(360,80)
421       (kanji.leftrad.rice;
422         replace_strokep(-3)(subpath (0,0,8) of oldp))
423       (kanji.leftrad.big)))
424     (kanji.grnine.page));
425   expand_pbox;
426 enddef;

```

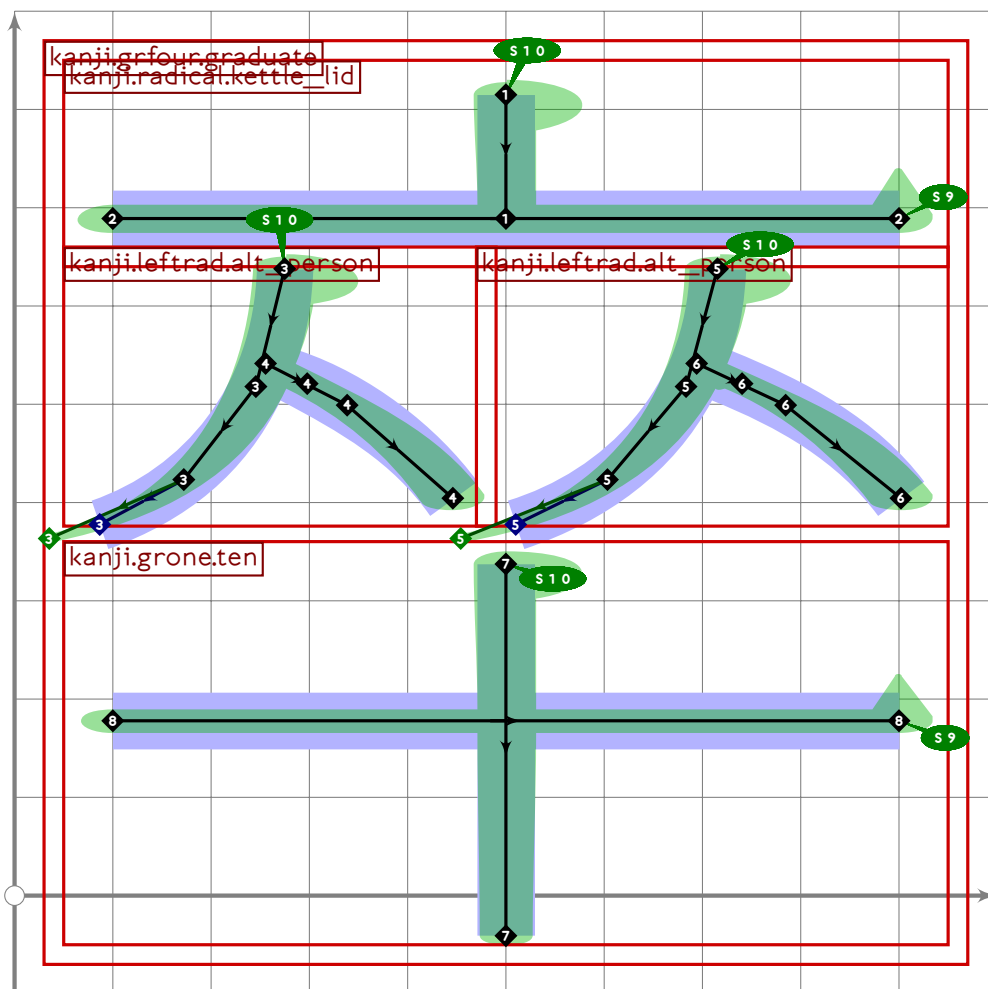


FOUR

```

427
428 vardef kanji.grfour.good =
429   push_pbox__toexpand("kanji.grfour.good");
430   build_kanji.level(
431     push_stroke((500,830)-(500,700),(1.6,1.6)-(1.5,1.5));
432     set_boserif(0,0,10);
433     tsu_xform(identity yscaled (700/770))(kanji.radical.northeast));
434   expand_pbox;
435 enddef;

```

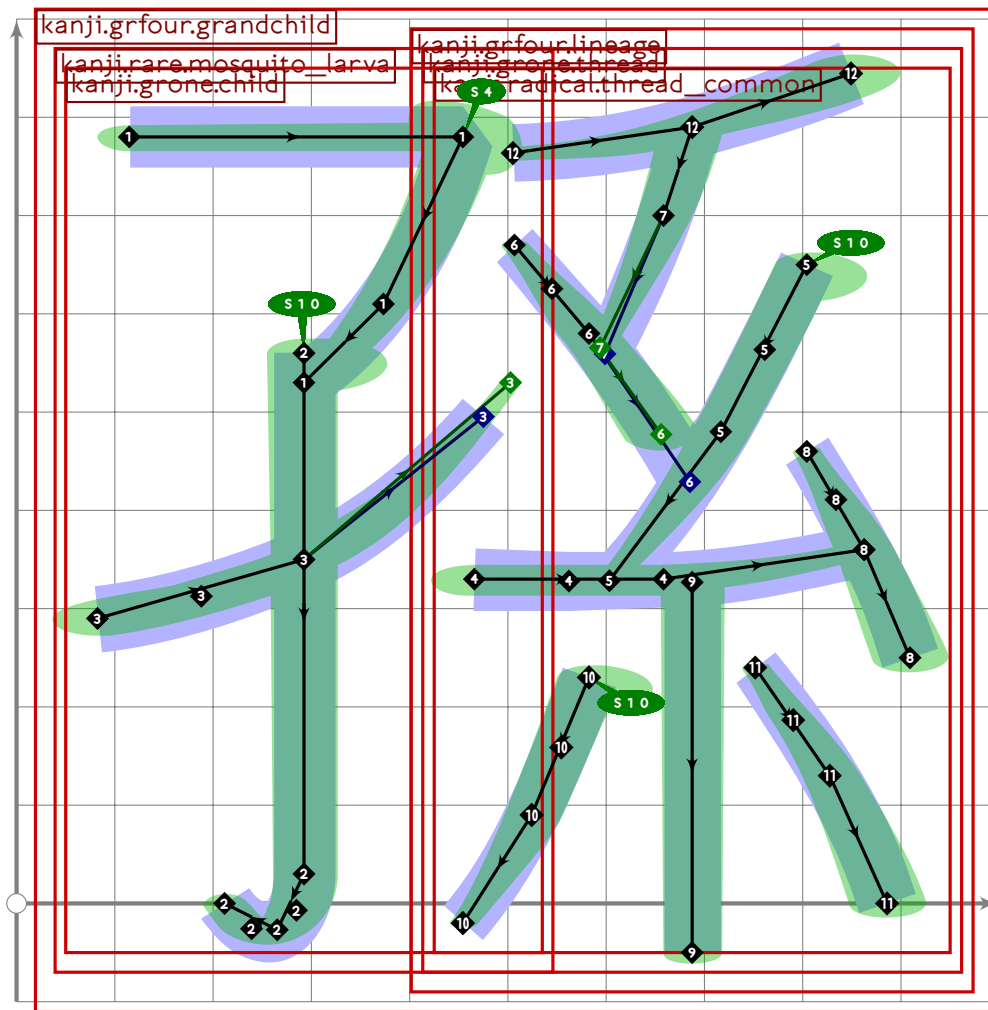


FOUR

```

436
437 vardef kanji.grfour.graduate =
438   push_pbox__toexpand("kanji.grfour.graduate");
439   build_kanji.level(build_kanji.tb(650,20)
440     (kanji.radical.kettle_lid)
441     (build_kanji.tb(480,20)
442       (build_kanji.lr(480,20)
443         (kanji.leftrad.alt_person)
444         (kanji.leftrad.alt_person))
445       (kanji.grone.ten;
446         replace_strokep(0)(oldp shifted (0,50)))));
447   expand_pbox;
448 enddef;

```

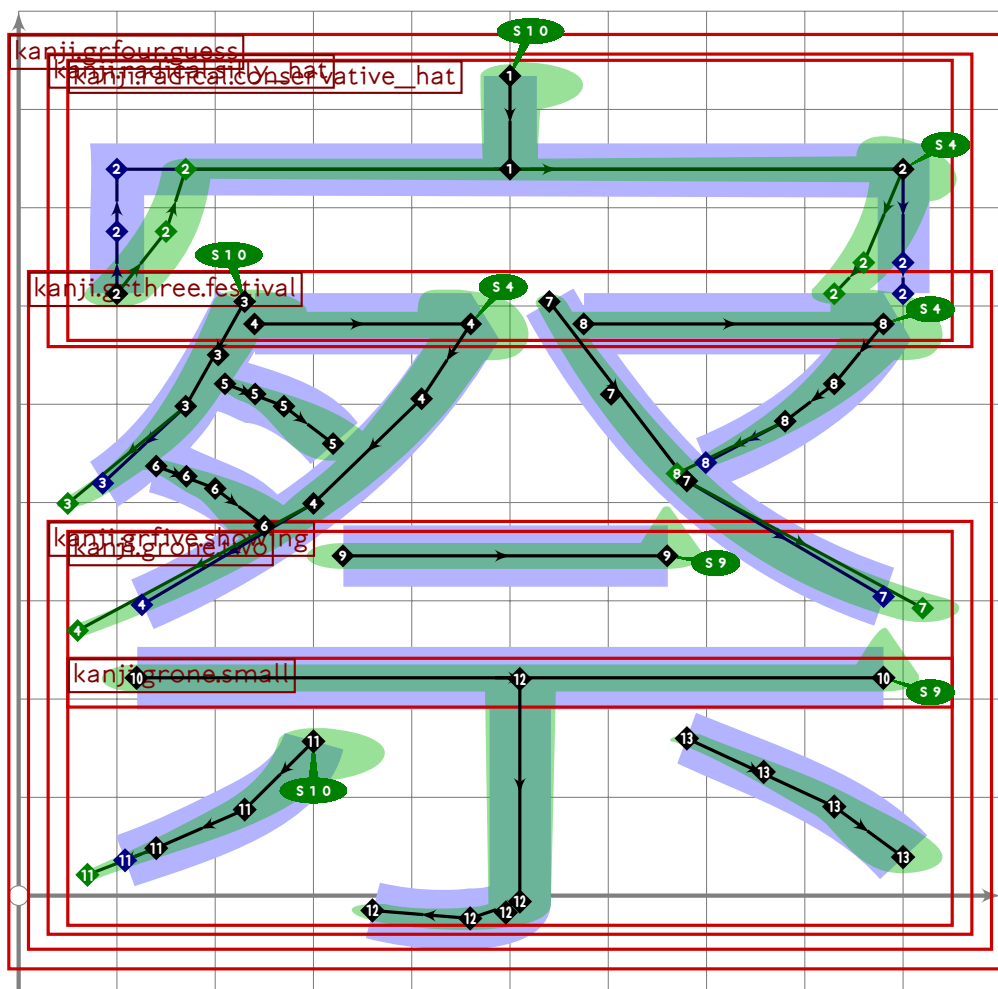
FOUR

```

449
450 vardef kanji.grfour.grandchild =
451   push_pbox_toexpand("kanji.grfour.grandchild");
452   build_kanji.lr(480,110)
453   (kanji.rare.mosquito_larva)
454   (kanji.grfour.lineage);
455   expand_pbox;
456 enddef;

```

U+5BDF
tsuku.uni5BDF

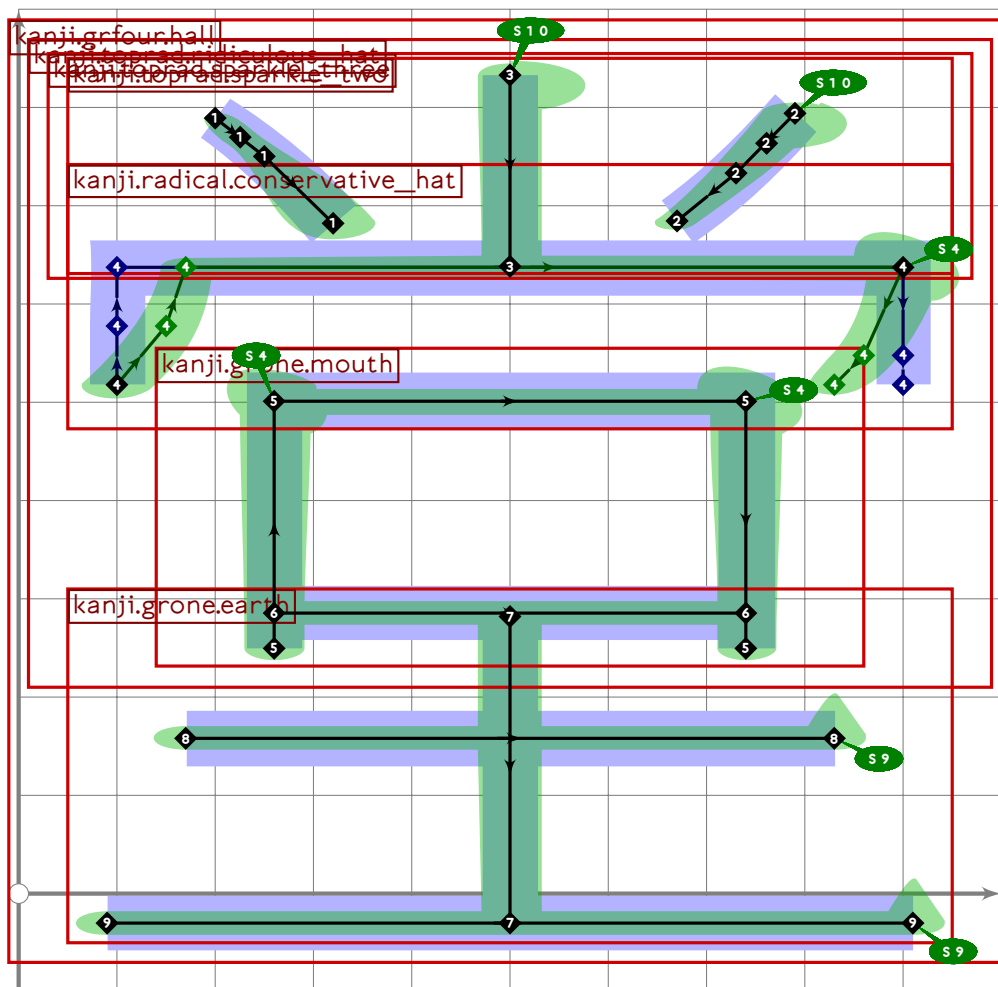


FOUR

```

457
458 vardef kanji.grfour.guess =
459   push_pbox_toexpand("kanji.grfour.guess");
460   build_kanji.tb(600,70)
461     (kanji.radical.silly_hat)
462     (kanji.grthree.festival);
463   expand_pbox;
464 enddef;

```



FOUR

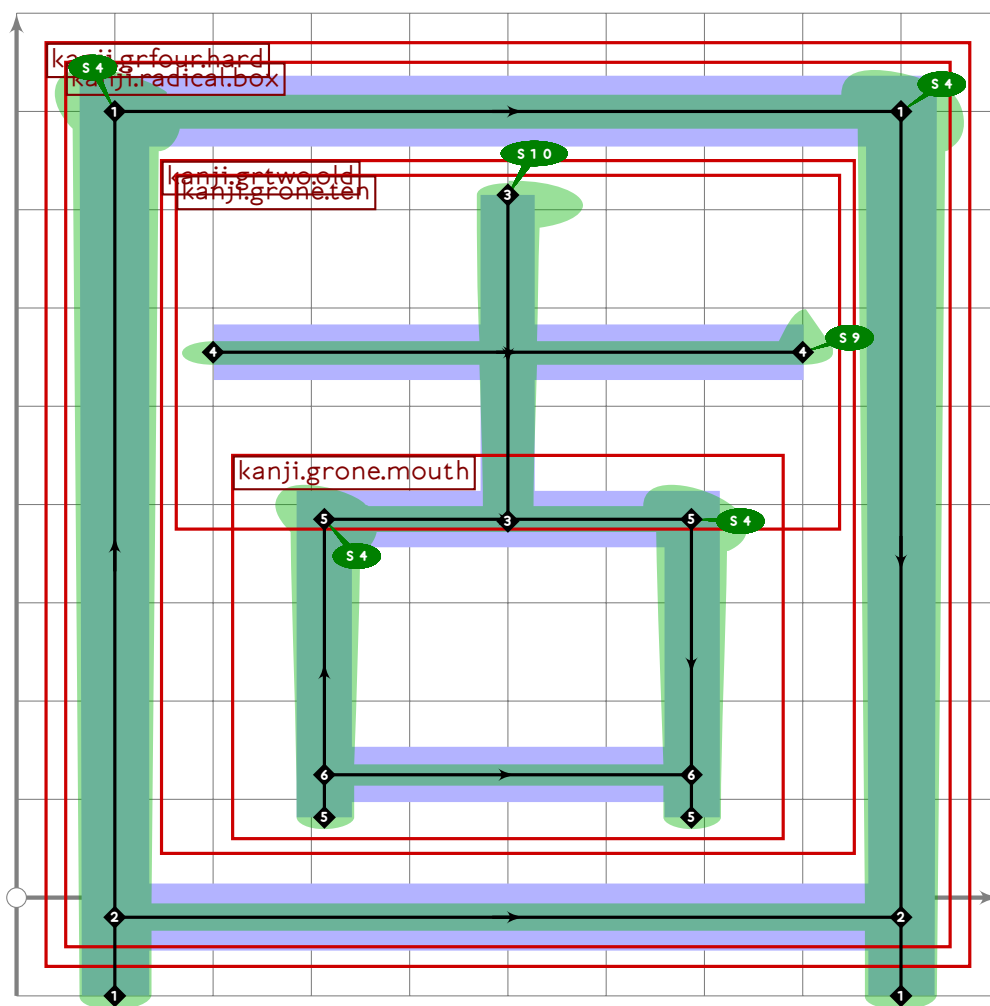
```

465
466 vardef kanji.grfour.hall =
467   push_pbox_toexpand("kanji.grfour.hall");
468   build_kanji.level(build_kanji.tb(260,100)
469     (kanji.toprad.ridiculous_hat)
470     (kanji.grone.ear;
471       set_boserif(-2,0,whatever)));
472   expand_pbox;
473 enddef;

```

U+56FA
tsuku.uni56FA

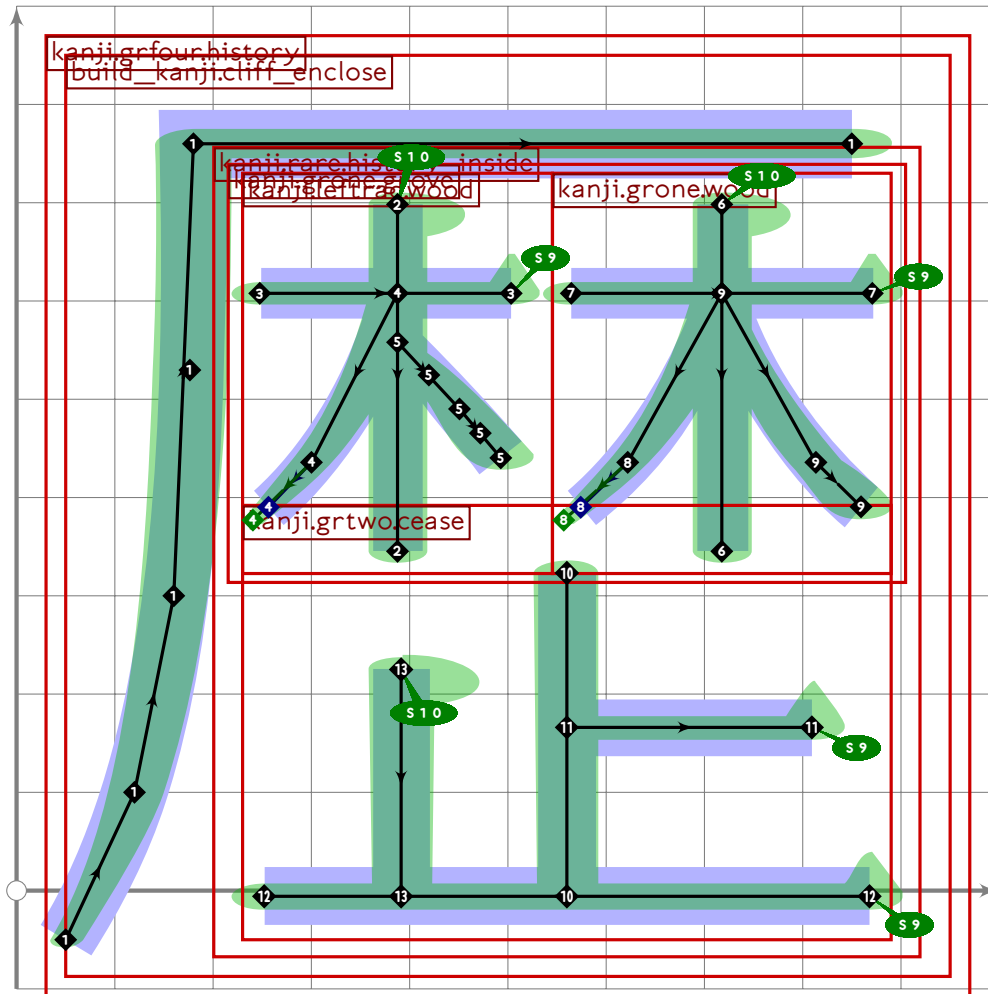
FOUR



```

474
475 vardef kanji.grfour.hard =
476   push_pbox_toexpand("kanji.grfour.hard");
477   kanji.radical.box;
478   build_kanji.sscale(scaled 0.75)(kanji.grtwo.old);
479   expand_pbox;
480 enddef;

```



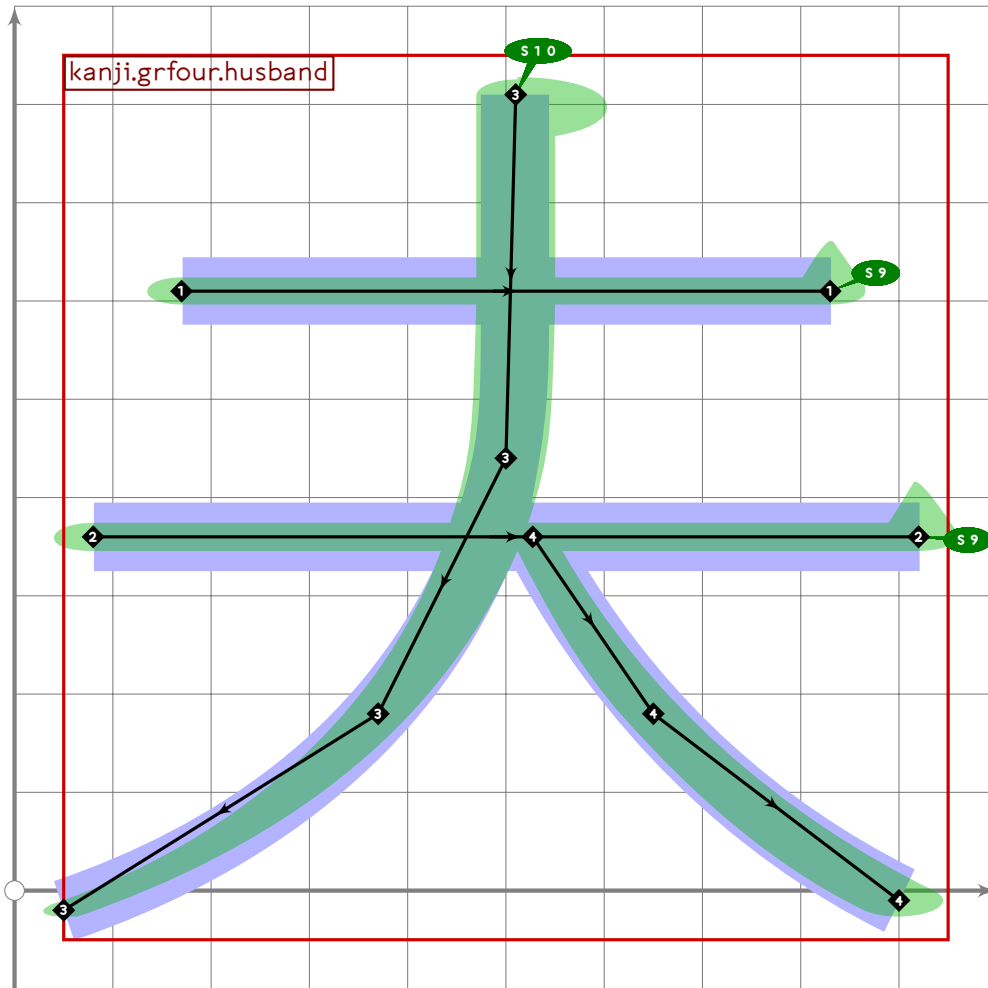
FOUR

```

481
482 vardef kanji.grfour.history =
483   push_pbox_toexpand("kanji.grfour.history");
484   build_kanji.box((220,610),(780,370));
485   push_stroke((500,810)-(500,300){down}..(370,70)..{curl 0.5}(90,-40),
486     (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.1,1.1));
487   set_boserif(0,0,10);
488   push_stroke((340,260)..tension 1.2..(670,40)..(840,-10),
489     (0.9,0.9)-(1.5,1.5)-(2,2));
490   expand_pbox;
491 enddef;

```

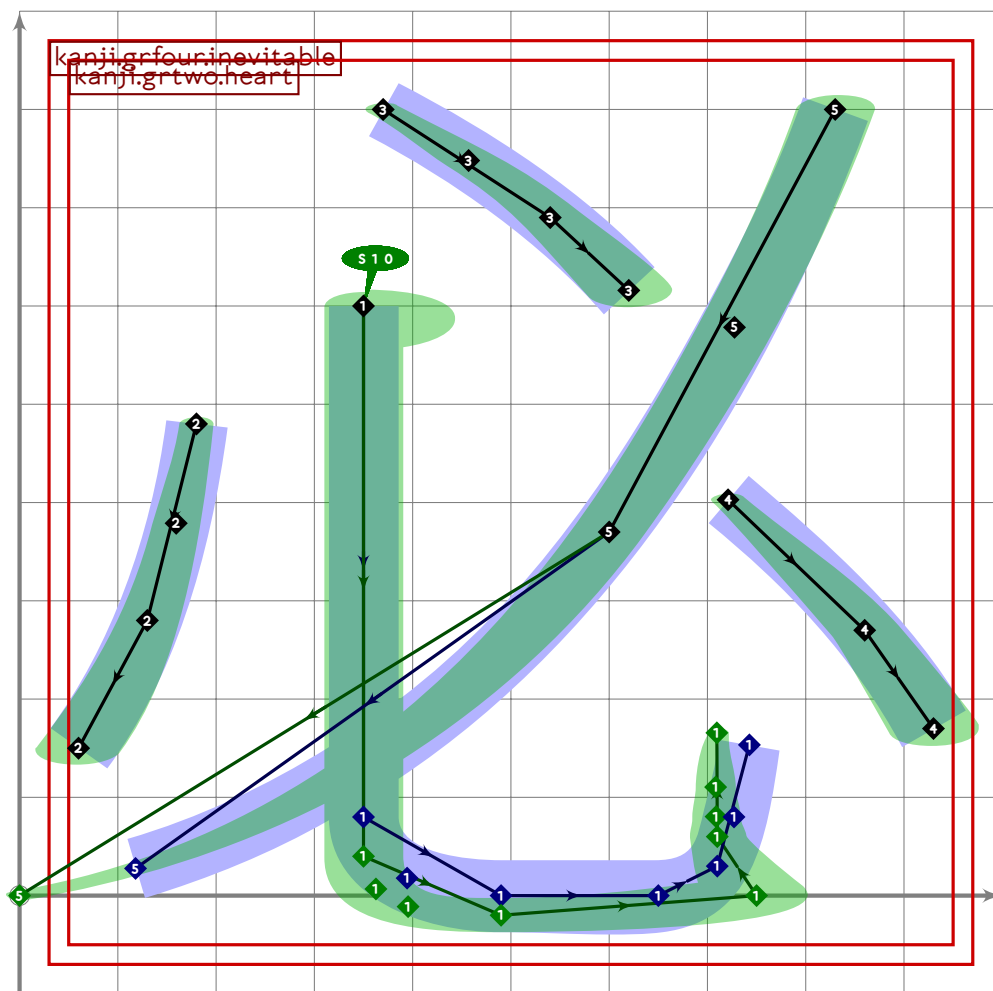
FOUR



```

492
493 vardef kanji.grfour.husband =
494   push_pbox_toexpand("kanji.grfour.husband");
495   push_stroke((170,610)–(830,610),
496     (1.5,1.5)–(1.5,1.5));
497   set_boserif(0,19);
498   push_stroke((80,360)–(920,360),
499     (1.6,1.6)–(1.6,1.6));
500   set_boserif(0,19);
501   push_stroke((510,810){down}..(500,440)..(370,180)..{curl 0.5}(50,-20),
502     (1.6,1.6)–(1.6,1.6)–(1.4,1.4)–(1.1,1.1));
503   set_boserif(0,0,10);
504   push_stroke(((get_stroke(-1) intersectionpoint get_stroke(0))+(50,0))..
505     (650,180)..(900,-10),
506     (1.1,1.1)–(1.4,1.4)–(1.7,1.7));
507   expand_pbox;
508 enddef;

```

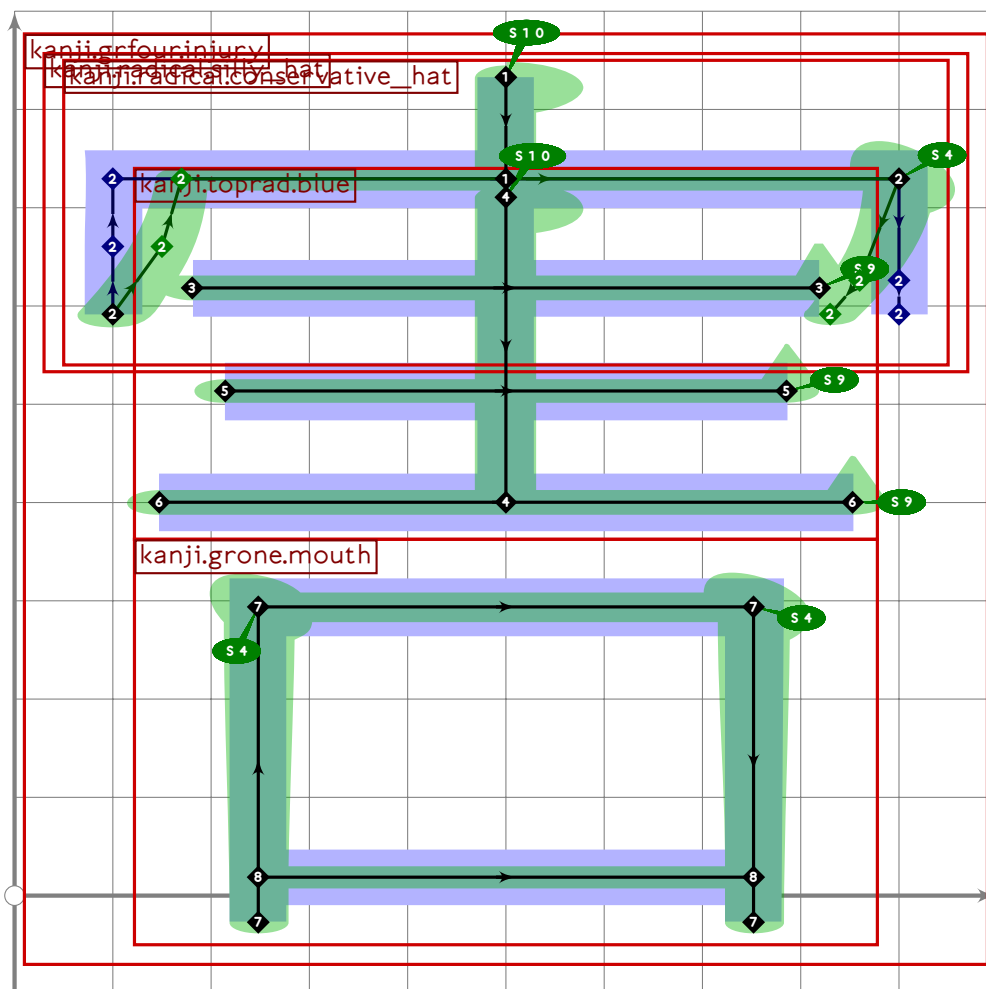


FOUR

```

509
510 vardef kanji.grfour.inevitable =
511   push_pbox__toexpand("kanji.grfour.inevitable");
512   kanji.grtwo.heart;
513   replace_strokep(-1)(subpath (0,1,7) of oldp);
514   replace_strokep(0)(subpath (0,3,2) of oldp);
515   push_stroke((830,800)..tension 1.2..(600,370)..(0,0),
516     (1,6,1,6)–(1,5,1,5)–(0,9,0,9));
517   expand_pbox;
518 enddef;

```

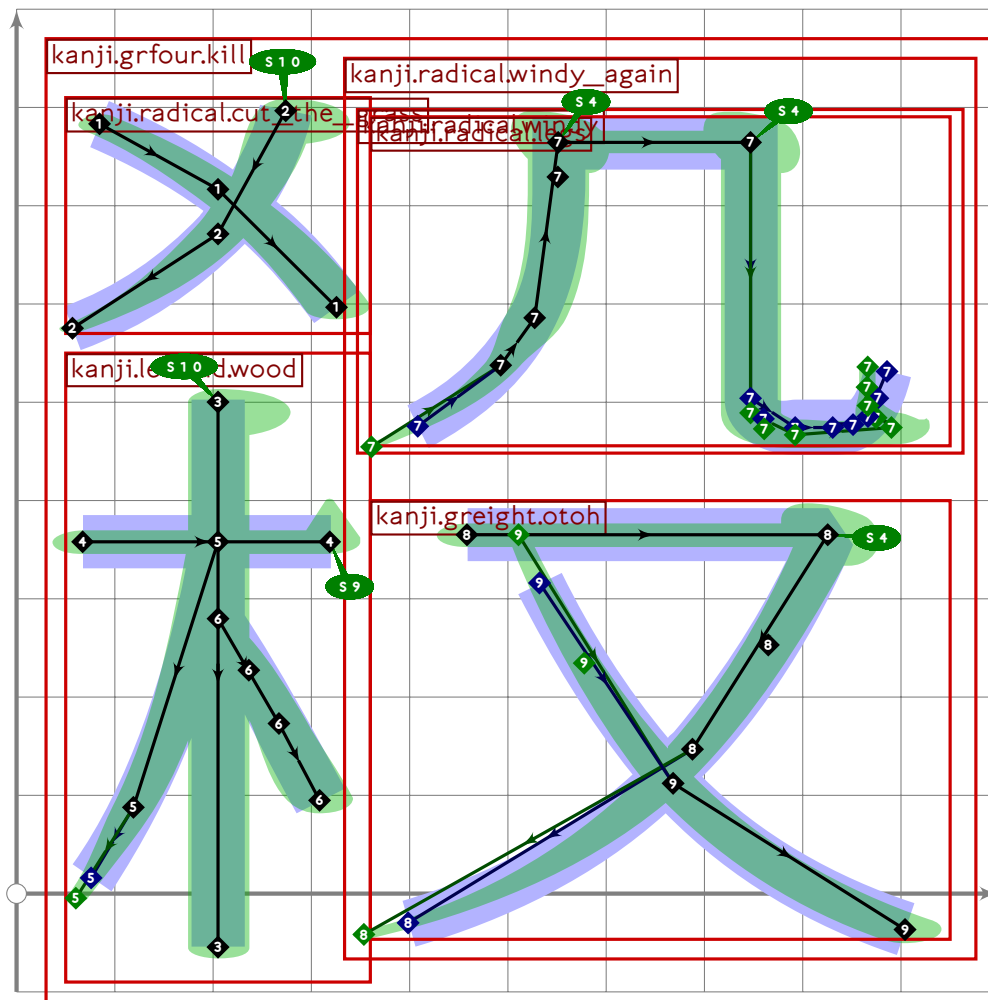


FOUR

```

519
520 vardef kanji.grfour.injury =
521   push_pbox_toexpand("kanji.grfour.injury");
522   build_kanji.level(build_kanji.tb(640,200)
523     (kanji.radical.silly_hat)
524     (build_kanji.sscale(xscaled 0.84)(build_kanji.tb(420,0)
525       (kanji.toprad.blue)
526       (kanji.grone.mouth))));
527   expand_pbox;
528 enddef;

```

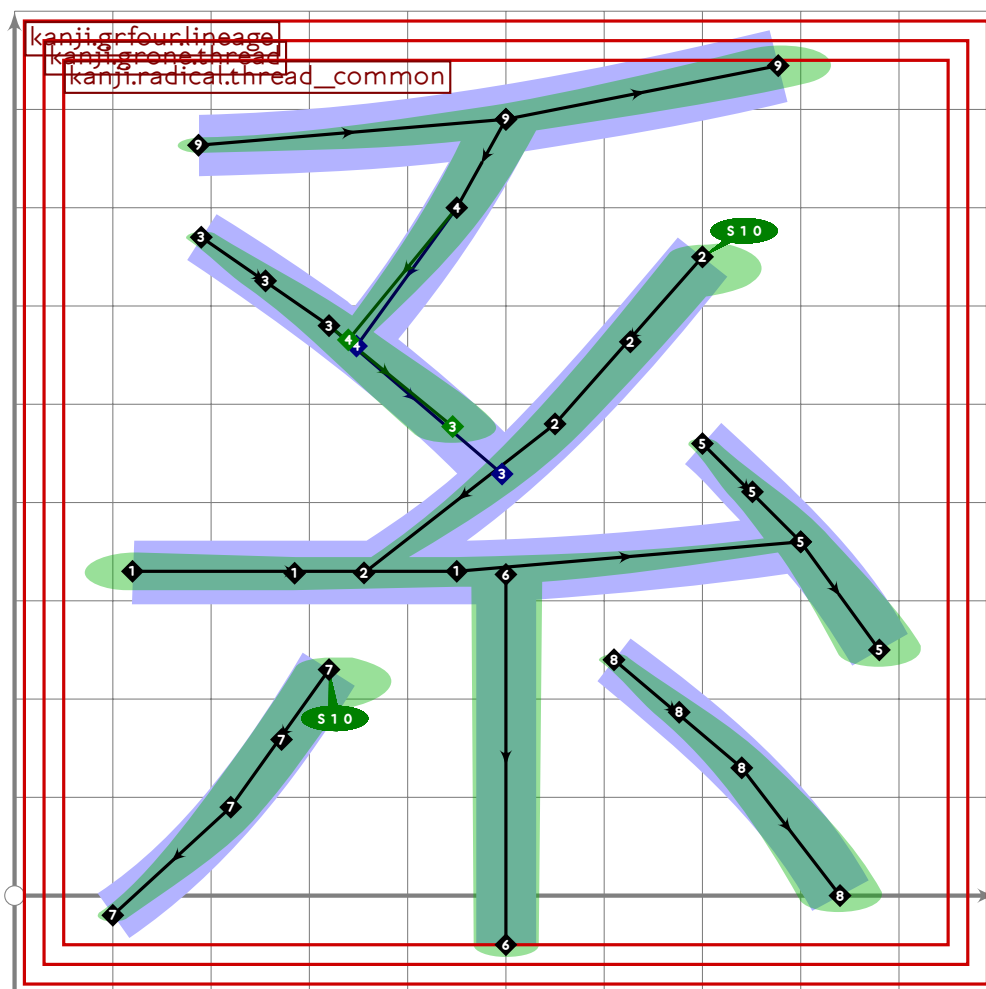
FOUR

```

529
530 vardef kanji.grfour.kill =
531   push_pbox_toexpand("kanji.grfour.kill");
532   build_kanji.level(build_kanji.lr(360,0)
533     (build_kanji.sscale(shifted (0,-40))(build_kanji.tb(600,-20)
534       (kanji.radical.cut_the_grass)
535       (kanji.leftrad.wood))))
536     (kanji.radical.windy_again));
537   expand_pbox;
538 enddef;

```

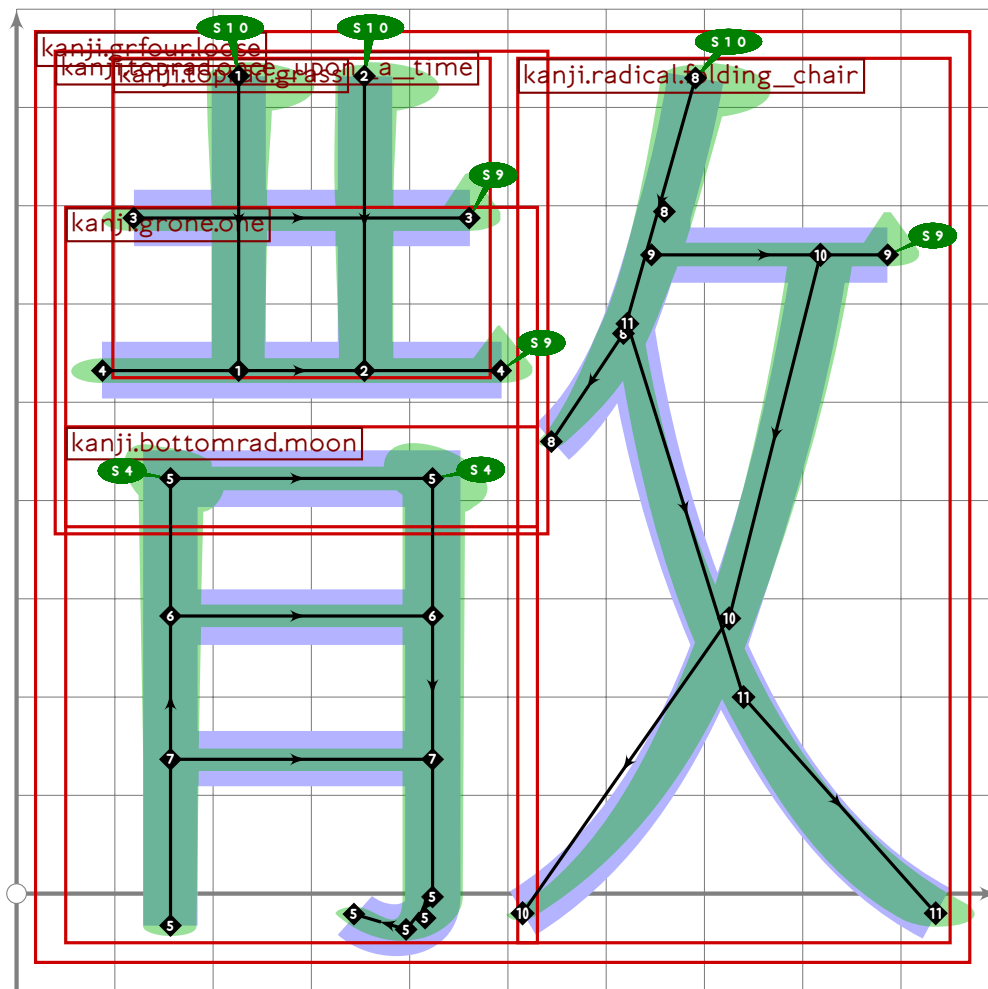
FOUR



```

539
540 vardef kanji.grfour.lineage =
541   push_pbox__toexpand("kanji.grfour.lineage");
542   build_kanji.add_beret(kanji.grone.thread);
543   expand_pbox;
544 enddef;

```



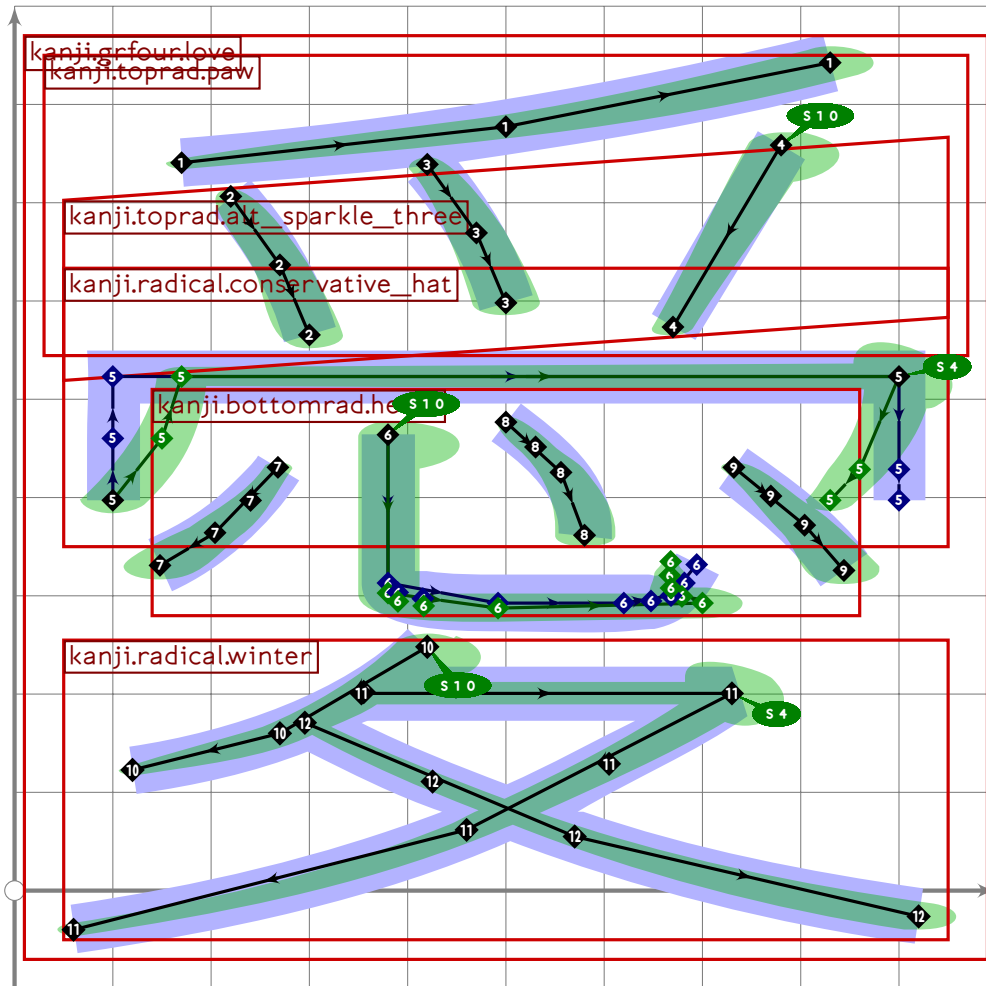
FOUR

```

545
546 vardef kanji.grfour.loose =
547   push_pbox_toexpand("kanji.grfour.loose");
548   build_kanji.level(build_kanji.lr(520,20)
549     (build_kanji.tb(500;50)
550       (kanji.toprad.once_upon_a_time)
551       (kanji.bottomrad.moon))
552     (kanji.radical.folding_chair));
553   expand_pbox;
554 enddef;

```

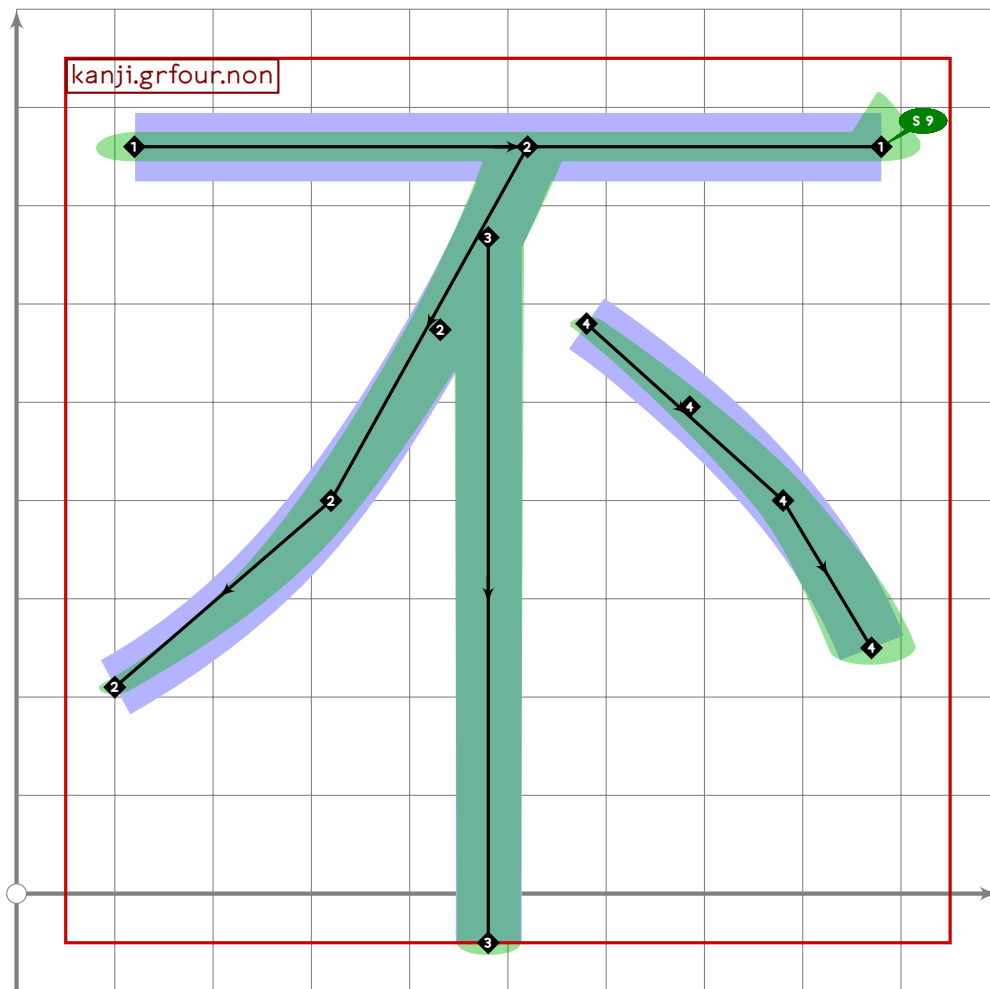
FOUR



```

555
556 vardef kanji.grfour.love =
557   push_pbox_toexpand("kanji.grfour.love");
558   build_kanji.level(build_kanji.tb(430,160)
559     (build_kanji.tb(380,160)
560       (kanji.toprad.paw)
561       (kanji.radical.conservative_hat))
562     (build_kanji.tb(460,-40)
563       (build_kanji.sscale(xscaled 0.8)(kanji.bottomrad.heart))
564       (kanji.radical.winter)));
565   expand_pbox;
566 enddef;

```



FOUR

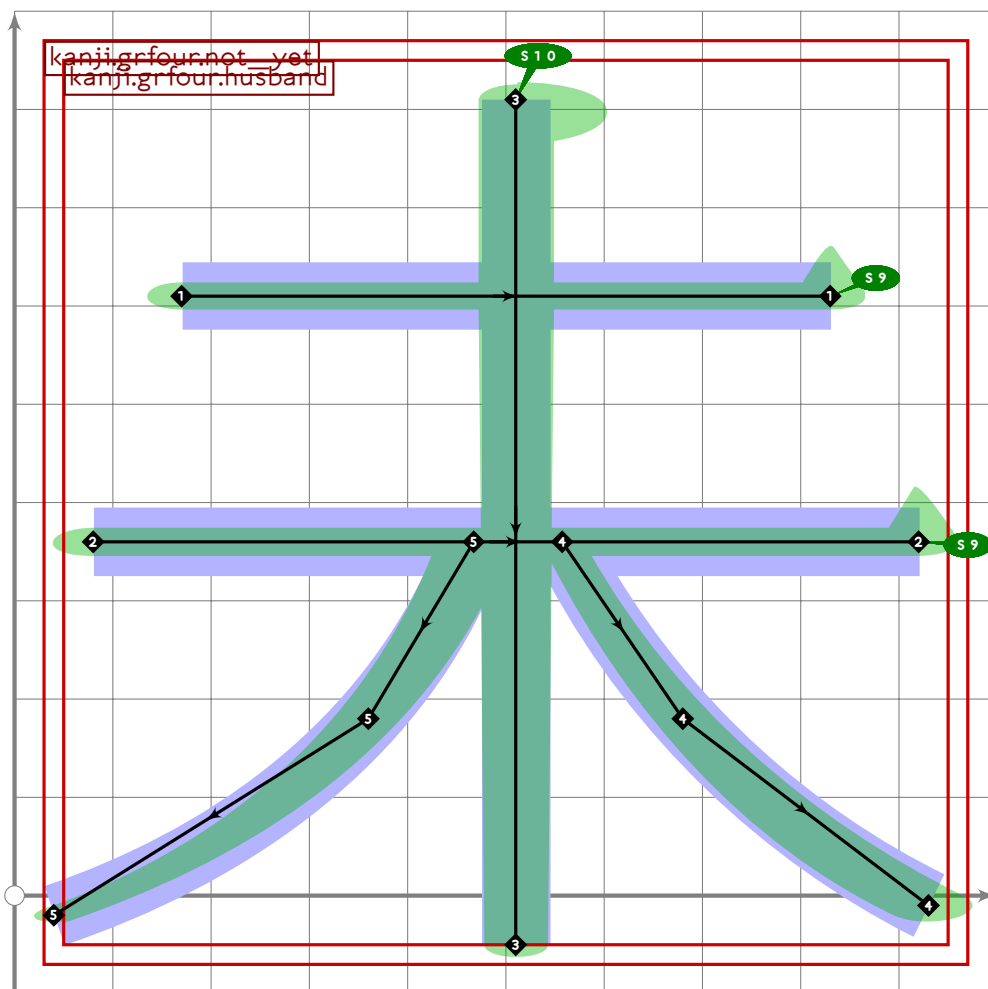
```

567
568 vardef kanji.grfour.non =
569   push_pbox__toexpand("kanji.grfour.non");
570   push_stroke((120,760)–(880,760),(1.6,1.6)–(1.6,1.6));
571   set_boserif(0,19);
572   push_stroke((520,760)..tension 1.2..(320,400)..(100,210),
573     (1.6,1.6)–(14,14)–(1,1));
574   push_stroke(((480,1000)–(480,0)) intersectionpoint get_stroke(0)–
575     (480,50),
576     (1.5,1.5)–(14,14));
577   push_stroke((580,580)..tension 1.2..(780,400)..(870,250),
578     (1,1)–(14,14)–(1.7,1.7));
579   expand_pbox;
580 enddef;

```

U+672A
tsuku.uni672A

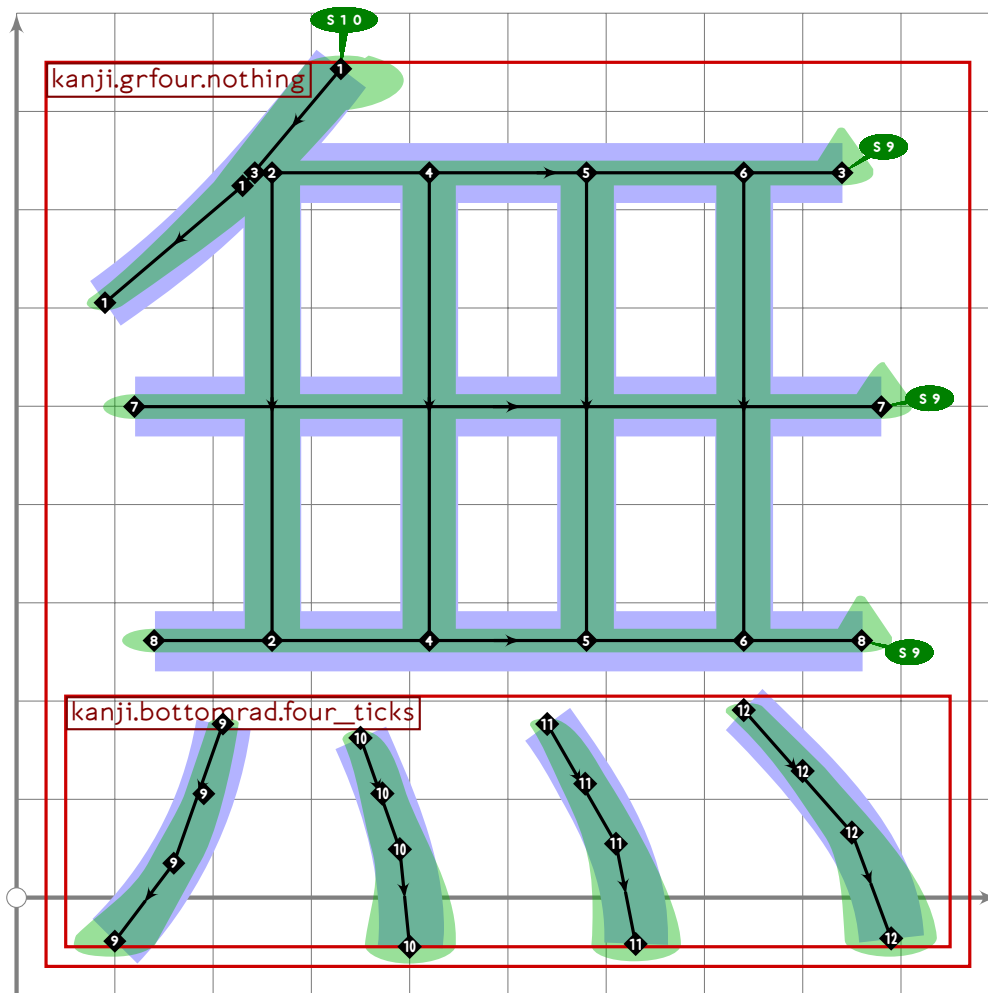
FOUR



```

581
582 vardef kanji.grfour.not_yet =
583   push_pbox_toexpand("kanji.grfour.not_yet");
584   kanji.grfour.husband;
585   begingroup
586     save it;
587     numeric it;
588     it:=xpart (get_stroke(-1) intersectiontimes get_stroke(-2));
589     push_stroke(subpath (it,infinity) of get_stroke(-1) shifted (-10,0),
590       subpath(it,infinity) of get_stroke(-1));
591   endgroup;
592   replace_stroke(-2)((510,810)-(510,50));
593   replace_stroke(-2)((1.6,1.6)-(1.4,1.4));
594   replace_stroke(-1)(oldp shifted (30,0));
595   expand_pbox;
596 enddef;

```



FOUR

```

597
598 vardef kanji.grfour.nothing =
599   push_pbox__toexpand("kanji.grfour.nothing");
600   build_kanji.level(build_kanji.tb(230,-50)
601     (push_stroke((330,840){curl 0.1}..(230,660)..(90,480),
602       (1.7,1.7)-(1.5,1.5)-(1.1,1.1));
603     set_boserif(0,0,10);
604     push_stroke((260,680)-(260,-40),
605       (1.39,1.39)-(1.3,1.3));
606     push_stroke(
607       (((0,680)-(1000,680)) intersectionpoint get_strokep(-1))-(840,680),
608       (1.5,1.5)-(1.5,1.5));
609     set_boserif(0,1,9);
610     push_stroke((420,680)-(420,-40),
611       (1.4,1.4)-(1.3,1.3));
612     push_stroke((580,680)-(580,-40),
613       (1.4,1.4)-(1.3,1.3));
614     push_stroke((740,680)-(740,-40),
615       (1.4,1.4)-(1.3,1.3));
616     push_stroke((120,320)-(880,320),
617       (1.5,1.5)-(1.5,1.5));

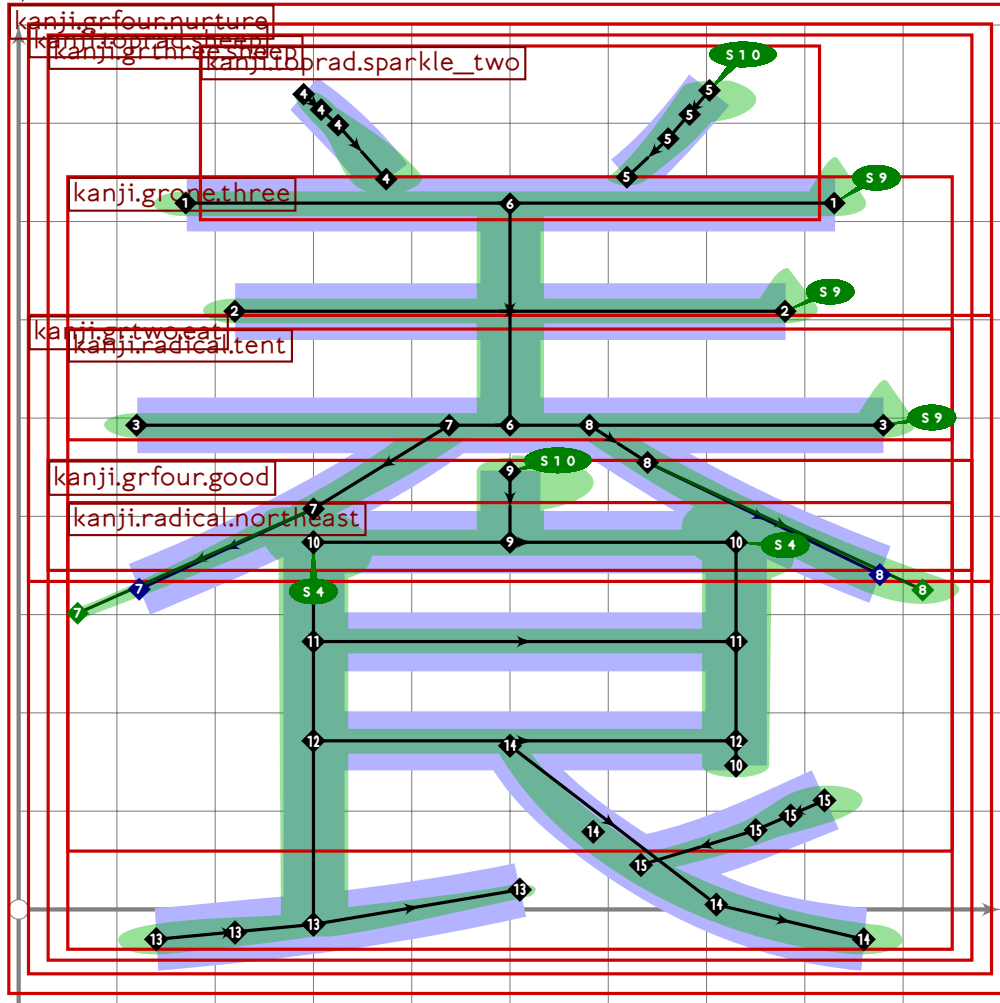
```

U+990A
tsuku.uni990A

```

618 set_boserif(0,1,9);
619 push_stroke((140,-40)-(860,-40),
620 (1.5,1.5)-(1.5,1.5));
621 set_boserif(0,1,9)
622 (kanji.bottomrad.four_ticks));
623 expand_pbox;
624 enddef;

```



```

625
626 vardef kanji.grfour.nurture =
627   push_pbox_toexpand("kanji.grfour.nurture");
628   build_kanji.tb(460,230)
629     (kanji.toprad.sheep)
630     (kanji.grtwo.eat);
631   replace_strokeq(-8)(subpath (xpart (get_strokeq(-8) intersectiontimes
632     get_strokeq(-12)),infinity) of oldq);
633   replace_strokeq(-8)(subpath (xpart (oldp intersectiontimes
634     get_strokeq(-12)),infinity) of oldp);
635   set_boserif(-8,0,whatever);
636   replace_strokeq(-7)(subpath (xpart (get_strokeq(-7) intersectiontimes
637     get_strokeq(-12)),infinity) of oldq);

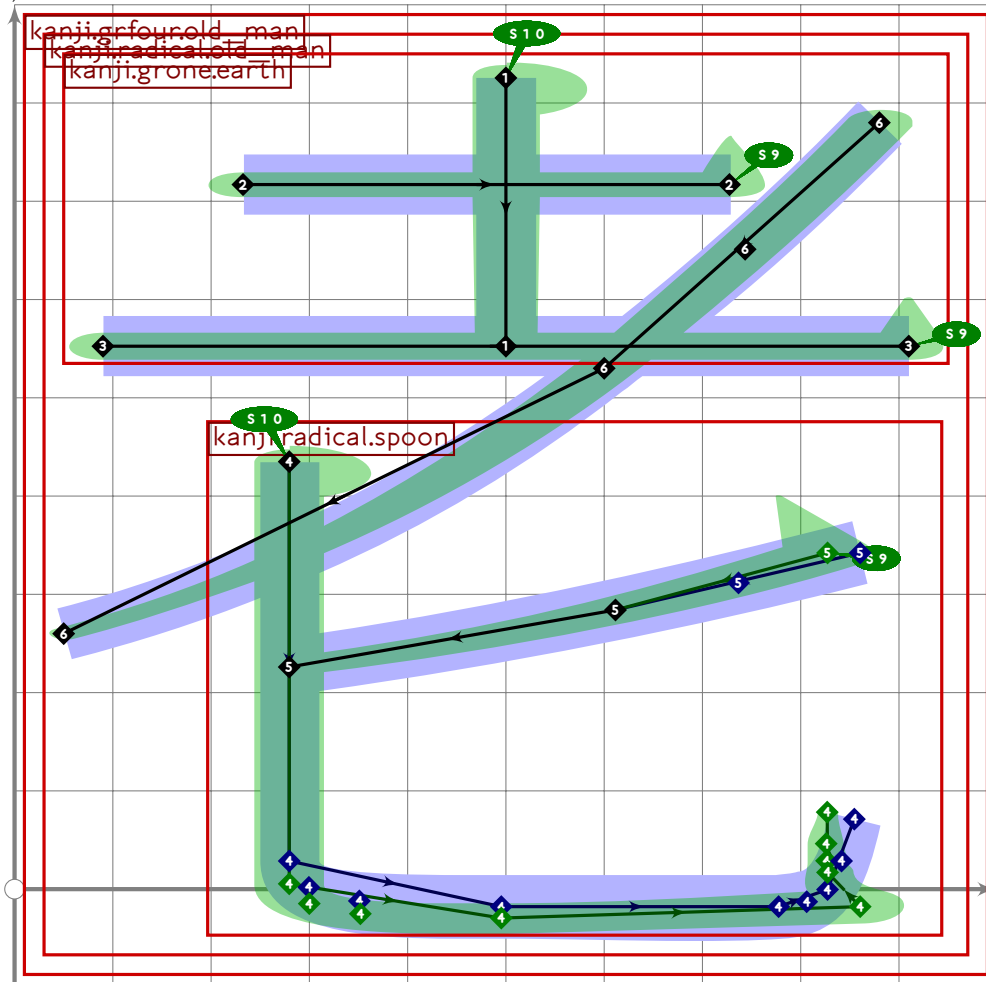
```

FOUR


```

638 replace_strokep(-7)(subpath (xpart (oldp intersectiontimes
639   get_strokep(-12)),infinity) of oldp);
640 expand_pbox;
641 enddef;

```



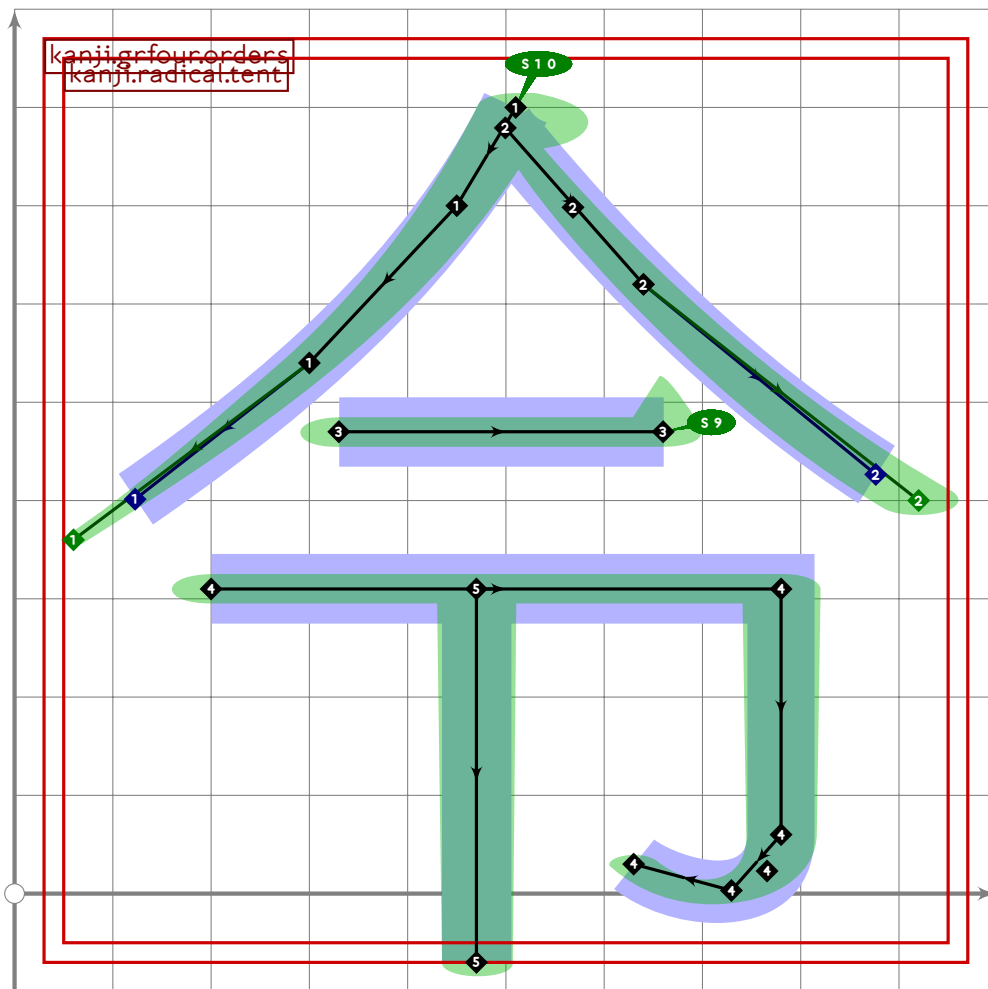
FOUR

```

642
643 vardef kanji.grfour.old_man =
644   push_pbox_toexpand("kanji.grfour.old_man");
645   kanji.radical.old_man(
646     build_kanji.sscale(xyscaled (0.83,1) shifted (70,50))
647     (kanji.radical.spoon));
648   expand_pbox;
649 enddef;

```

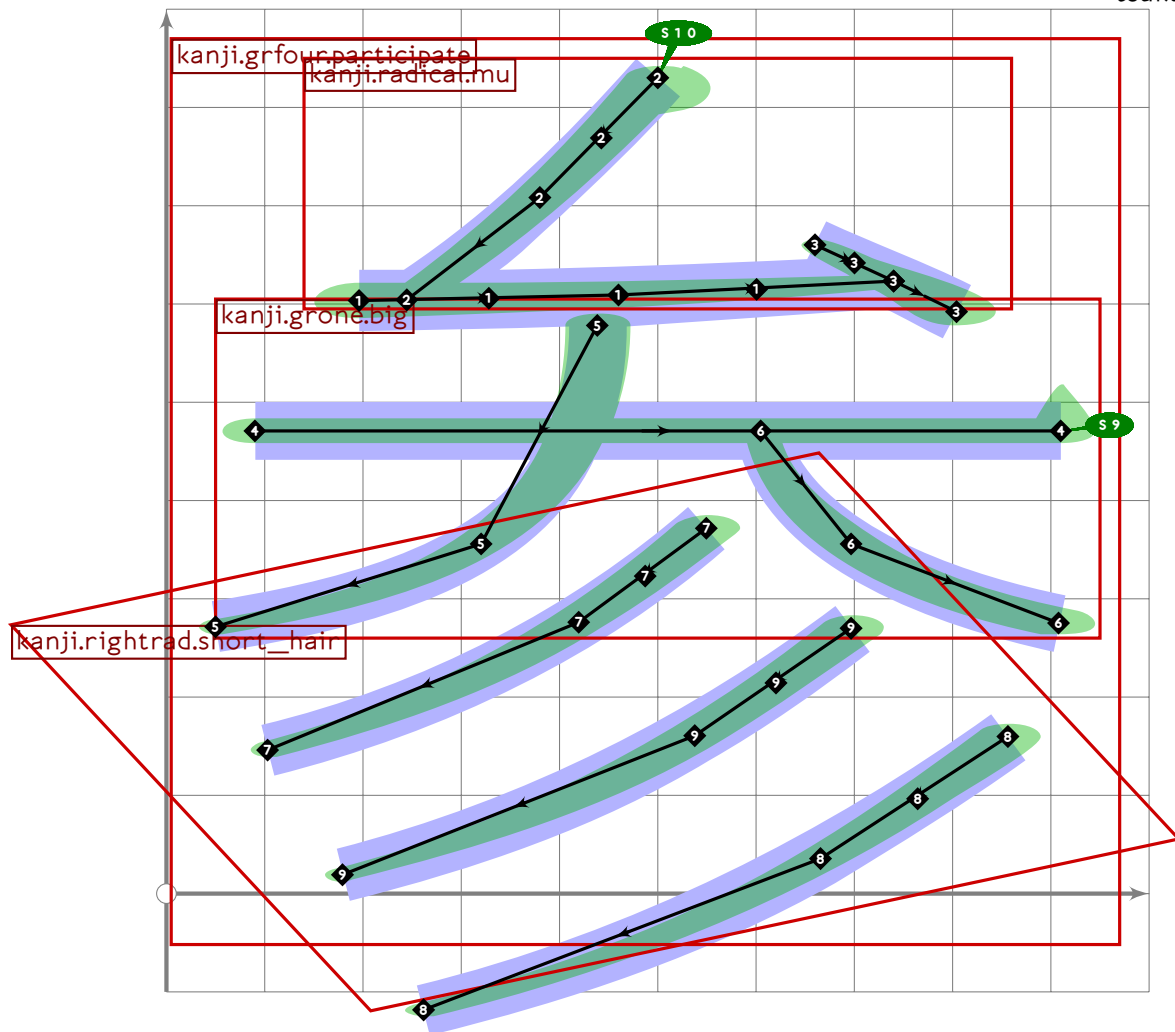
FOUR



```

650
651 vardef kanji.grfour.orders =
652   push_pbox__toexpand("kanji.grfour.orders");
653   kanji.radical.tent;
654   push_stroke((200,280)–(780,280),(1.6,1.6)–(1.6,1.6));
655   build_kanji.add_jtail(0);
656   set_botip(0,1);
657   replace_strokep(0)(oldp shifted (0,30));
658   push_stroke((470,310)–(470,70),(1.6,1.6)–(1.5,1.5));
659   expand_pbox;
660 enddef;

```



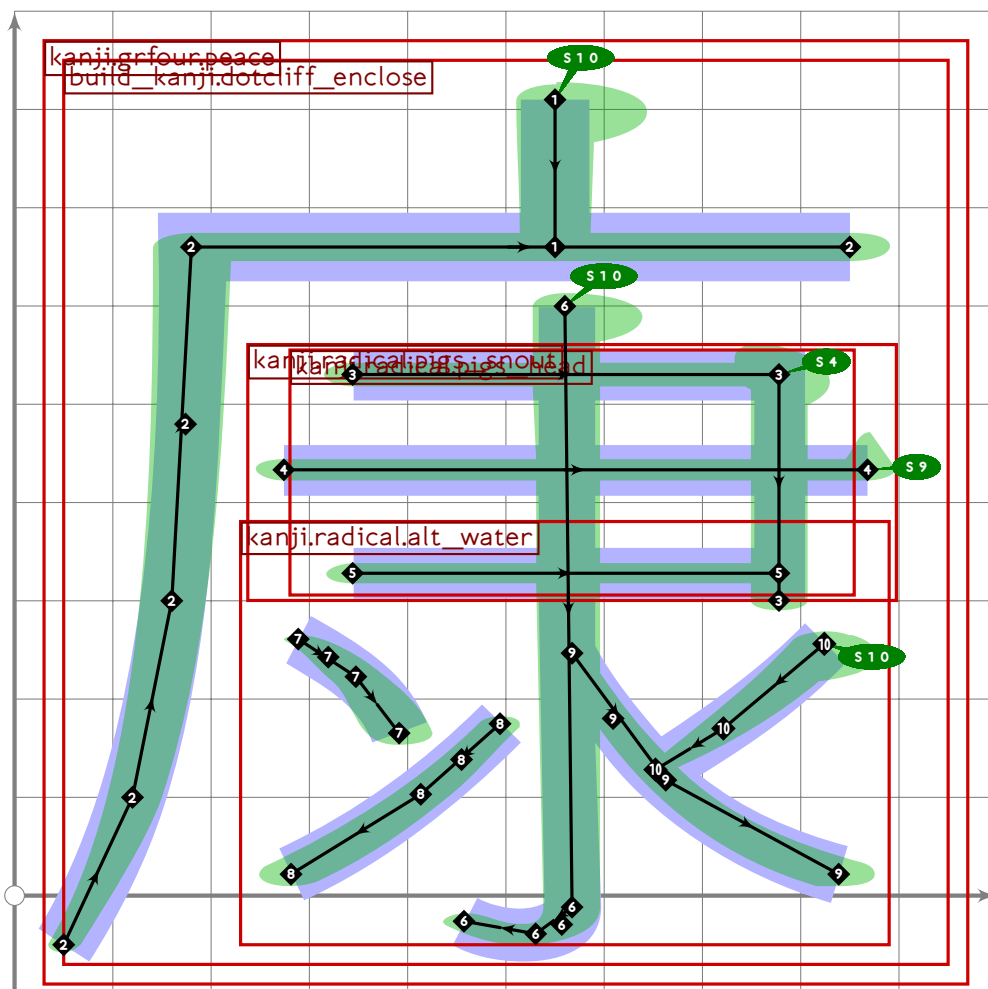
FOUR

```

661
662 vardef kanji.grfour.participate =
663   push_pbox_toexpand("kanji.grfour.participate");
664   build_kanji.level(build_kanji.tcb(600,10)(320,120)
665     (build_kanji.sscale(xscaled 0.8)(kanji.radical.mu))
666     (build_kanji.spread_legs(140)(kanji.grone.big))
667     (build_kanji.sscale(rotated 24 shifted (-60,0))
668       (kanji.rightrad.short_hair)));
669   expand_pbox;
670 enddef;

```

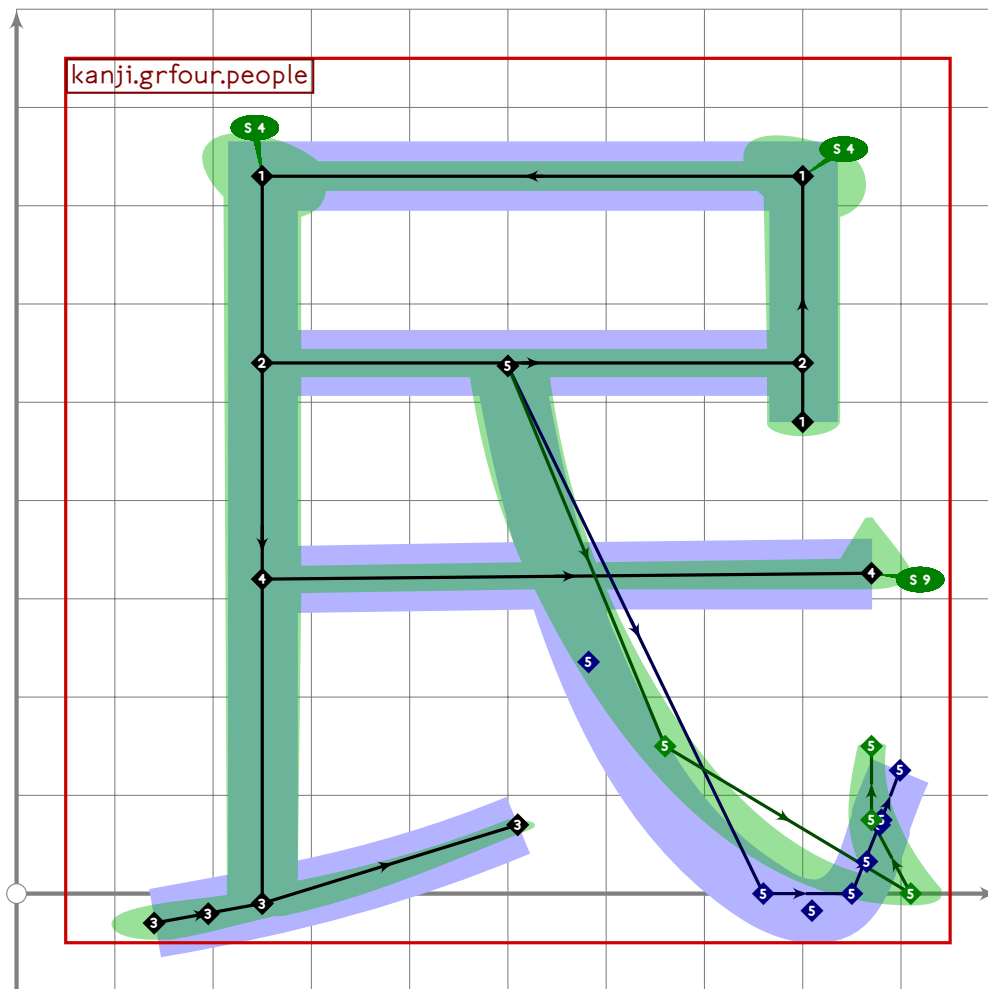
FOUR



```

671
672 vardef kanji.grfour.peace =
673   push_pbox__toexpand("kanji.grfour.peace");
674   build_kanji.dotcliff_enclose(build_kanji.tb(520,0)
675     (tsu_xform(identity shifted (10;270))
676       (kanji.radical.pigs_snout))
677     (kanji.radical.alt_water);
678   replace_stroke(-4)((500,810)-subpath (1,infinity) of oldp));
679   expand_pbox;
680 enddef;

```



FOUR

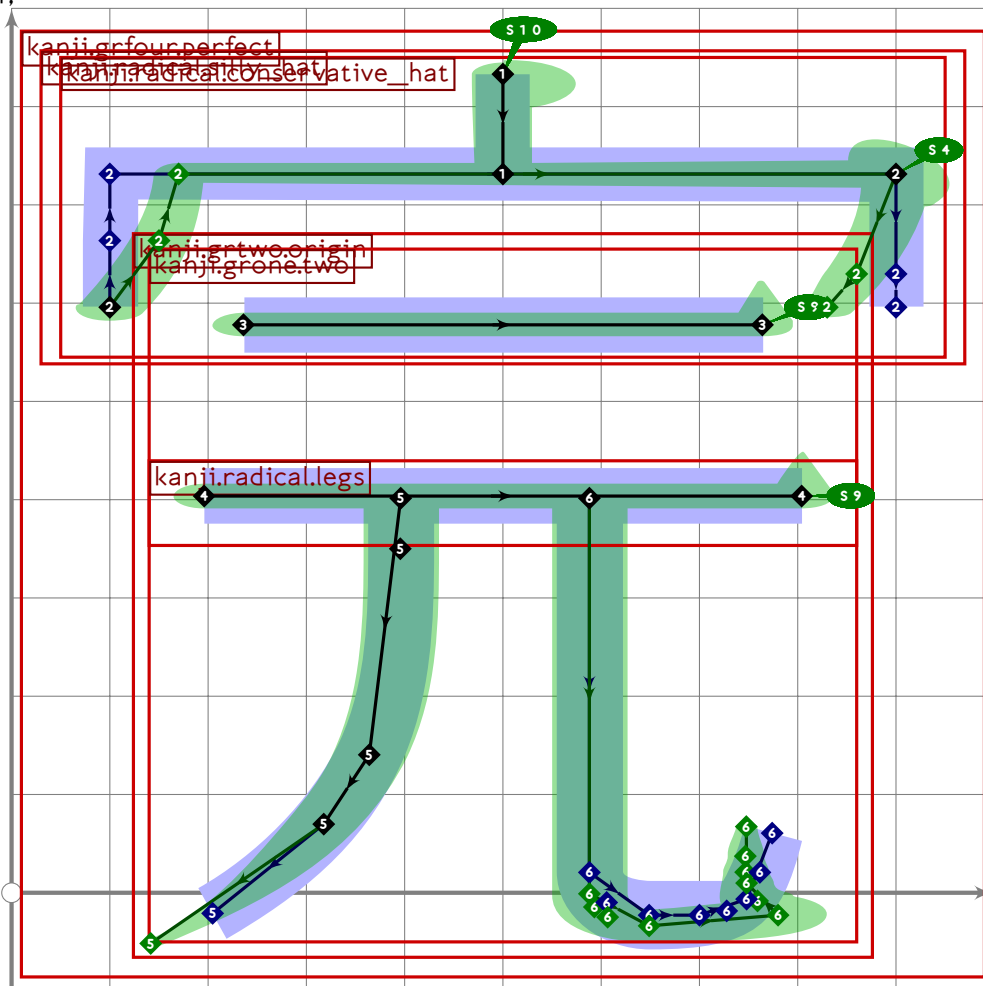
```

681
682 vardef kanji.grfour.people =
683   push_pbox__toexpand("kanji.grfour.people");
684   push_stroke((800,480)–(800,730)–(250,730)–(250,10),
685     (1.5,1.5)–(1.6,1.6)–(1.6,1.6)–(1.5,1.5));
686   set_botip(0,1,1);
687   set_botip(0,2,1);
688   set_boserif(0,1,4);
689   set_boserif(0,2,4);
690   push_stroke((250,540)–(800,540),
691     (1.5,1.5)–(1.5,1.5));
692   push_stroke((140,30)..tension 1.2..(250,10)..(510,70),
693     (1.7,1.7)–(1.5,1.5)–(1,1));
694   push_stroke((250,320)–(870,326),(1.5,1.5)–(1.6,1.6));
695   set_boserif(0,1,9);
696   push_stroke(interpath(mincho,
697     (500,537){dir 280}.tension 1.1..(760,0)..(850,0)..tension 1.5..
698     (880,75)..(910,150),
699     (500,537)..(660,150){.right}(910,0){curl 1}..
700     (870,75)..(870,150)),
701     (1.6,1.6)–(1.4,1.4)–(1.4,1.4)–(1.2,1.2)–(0.9,0.9));

```

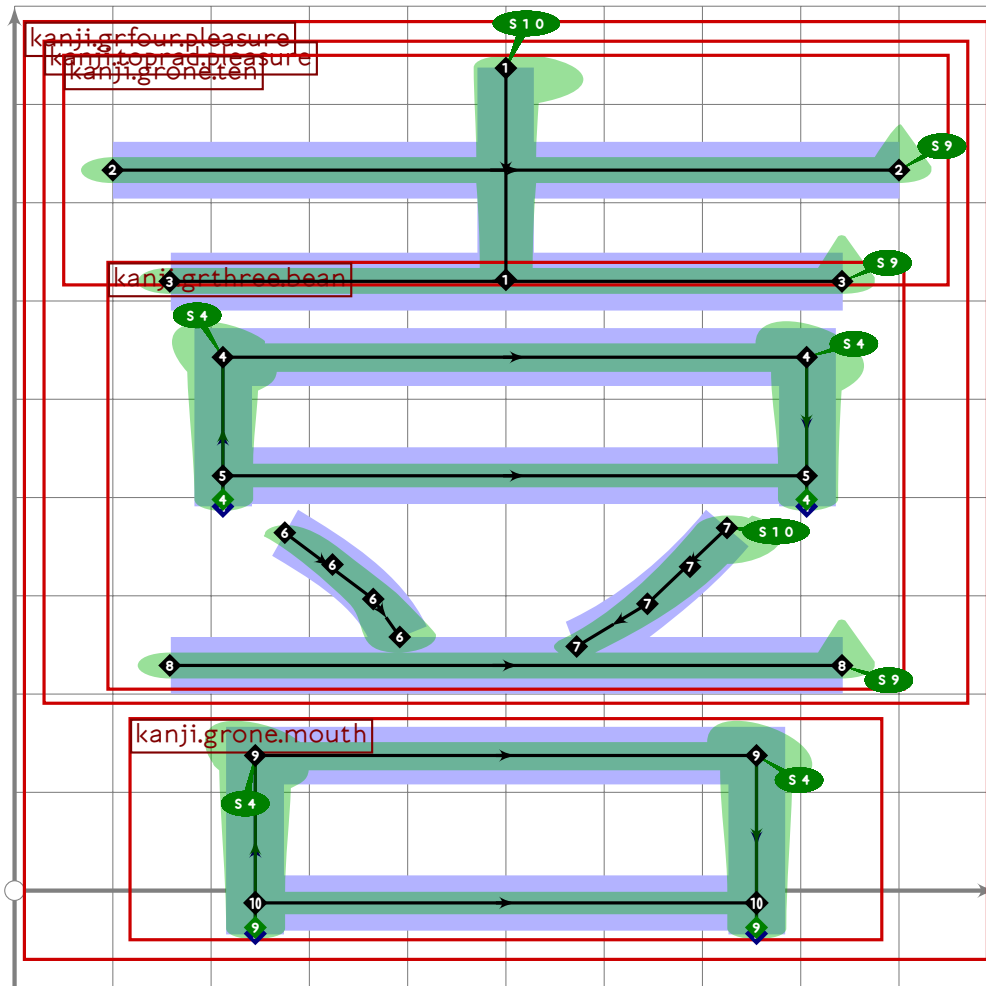
U+5B8C
tsuku.uni5B8C

```
702 expand_pbox;
703 enddef;
```



FOUR

```
704
705 vardef kanji.grfour.perfect =
706   push_pbox_toexpand("kanji.grfour.perfect");
707   build_kanji.tb(600,110)
708     (kanji.radical.silly_hat)
709     (build_kanji.sscale(xscaled 0.8)(kanji.grtwo.origin));
710   expand_pbox;
711 enddef;
```



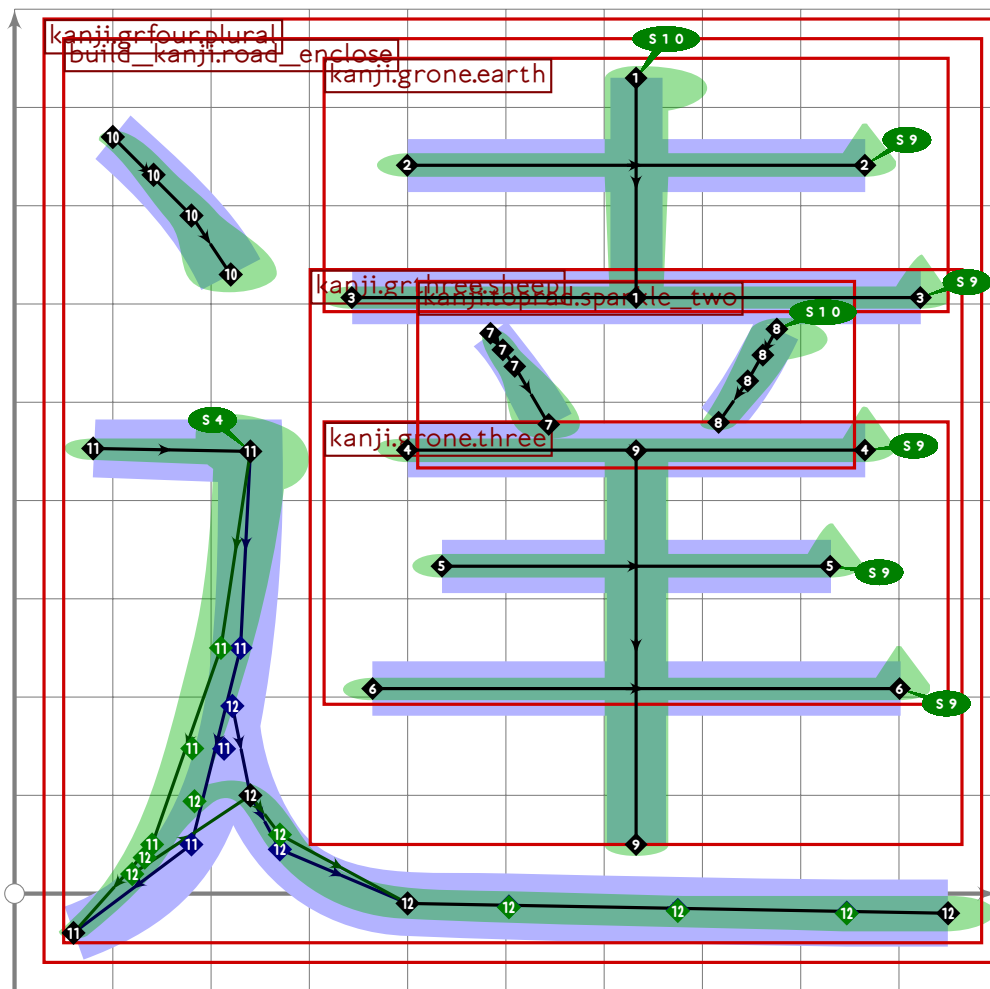
FOUR

```

712
713 vardef kanji.grfour.pleasure =
714   push_pbox__toexpand("kanji.grfour.pleasure");
715   build_kanji.level(build_kanji.tb(190;30)
716     (kanji.toprad.pleasure)
717     (build_kanji.sscale(xscaled 0.85)(kanji.grone.mouth)));
718   expand_pbox;
719 enddef;

```

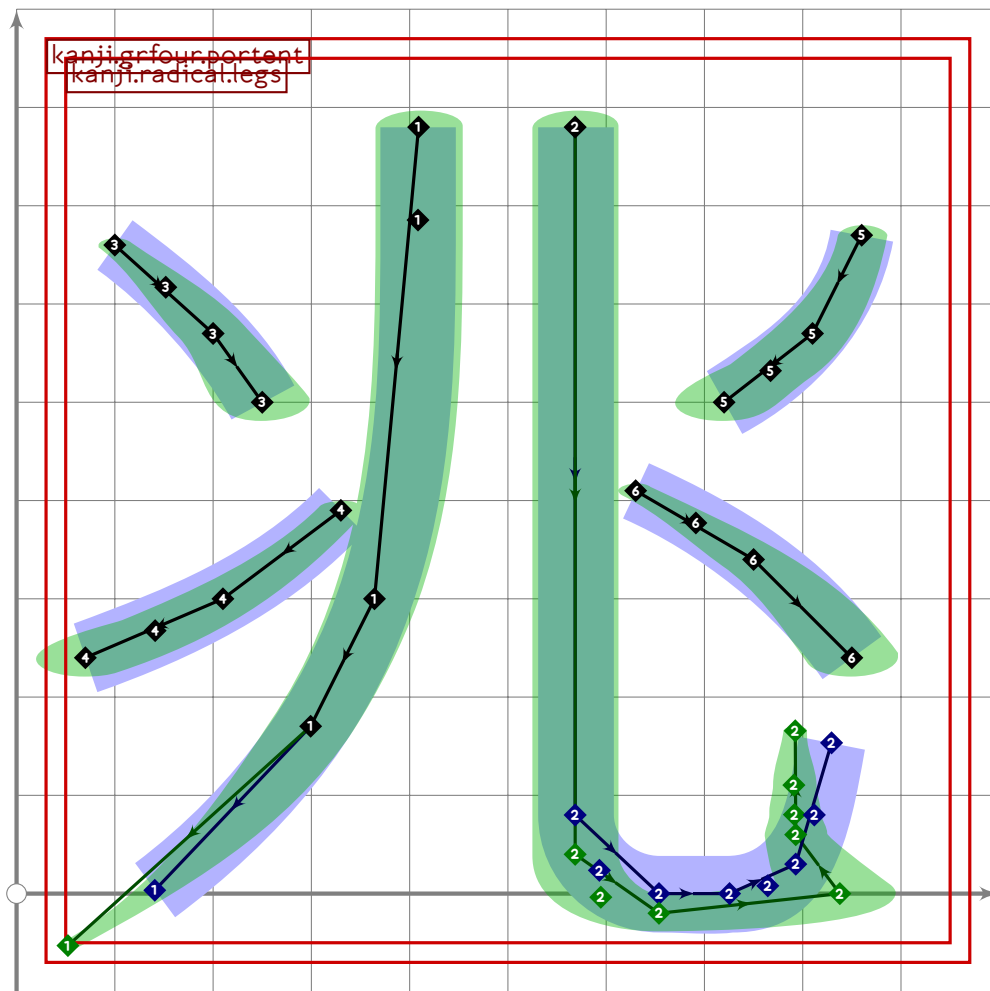
FOUR



```

720
721 vardef kanji.grfour.plural =
722   push_pbox_toexpand("kanji.grfour.plural");
723   build_kanji.road_enclose(build_kanji.tb(560,0)
724     (kanji.grone.earth)
725     (kanji.grthree.sheep));
726   expand_pbox;
727 enddef;

```

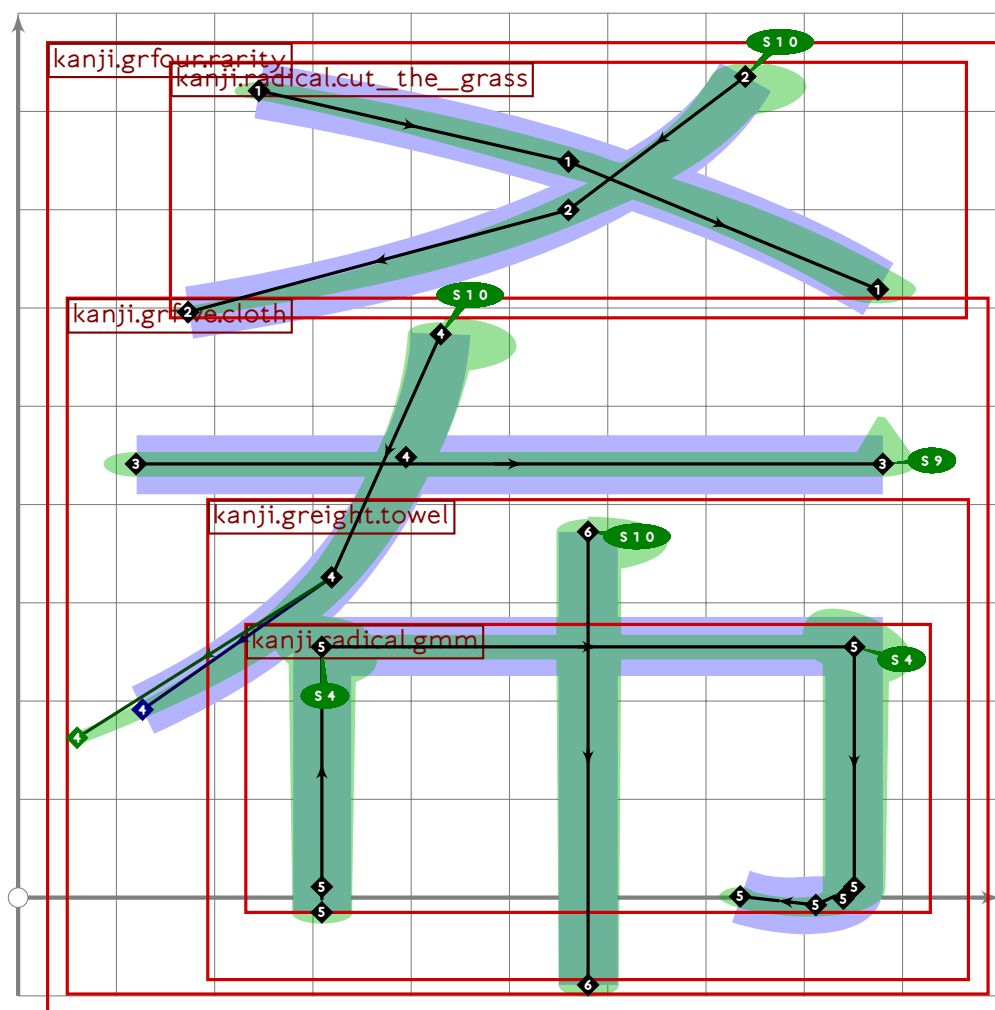



FOUR

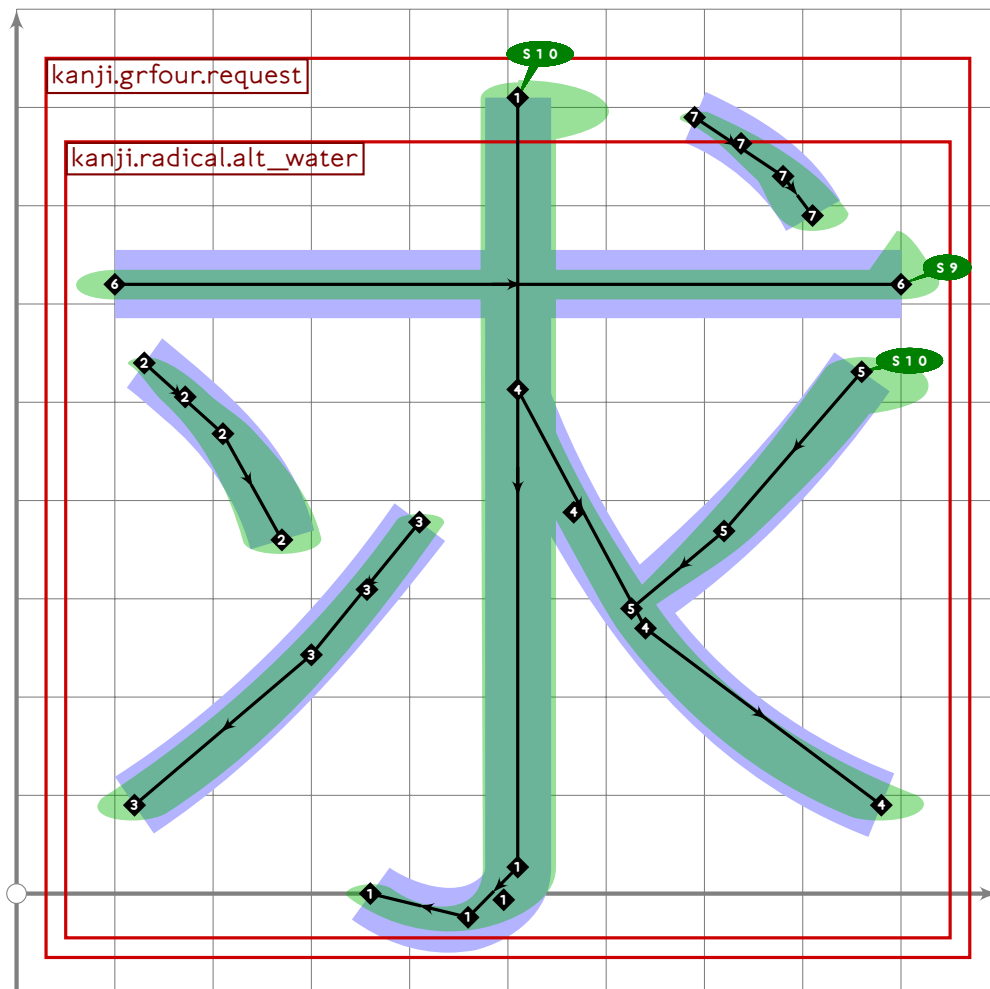
```

728
729 vardef kanji.grfour.portent =
730   push_pbox__toexpand("kanji.grfour.portent");
731   build_kanji.spread_legs(-110)(kanji.radical.legs);
732   push_stroke((100,660)..tension 1.2..(200,570)..(250,500),
733     (1,1)–(1.5,1.5)–(1.8,1.8));
734   push_stroke((330,390)..(210,300)..tension 1.2..(70,240),
735     (1.2,1.2)–(1.6,1.6)–(1.9,1.9));
736   push_stroke((860,670)..(810,570)..tension 1.2..(720,500),
737     (1.2,1.2)–(1.6,1.6)–(1.9,1.9));
738   push_stroke((630,410)..tension 1.2..(750,340)..(850,240),
739     (1,1)–(1.5,1.5)–(1.8,1.8));
740   expand_pbox;
741 enddef;

```



744

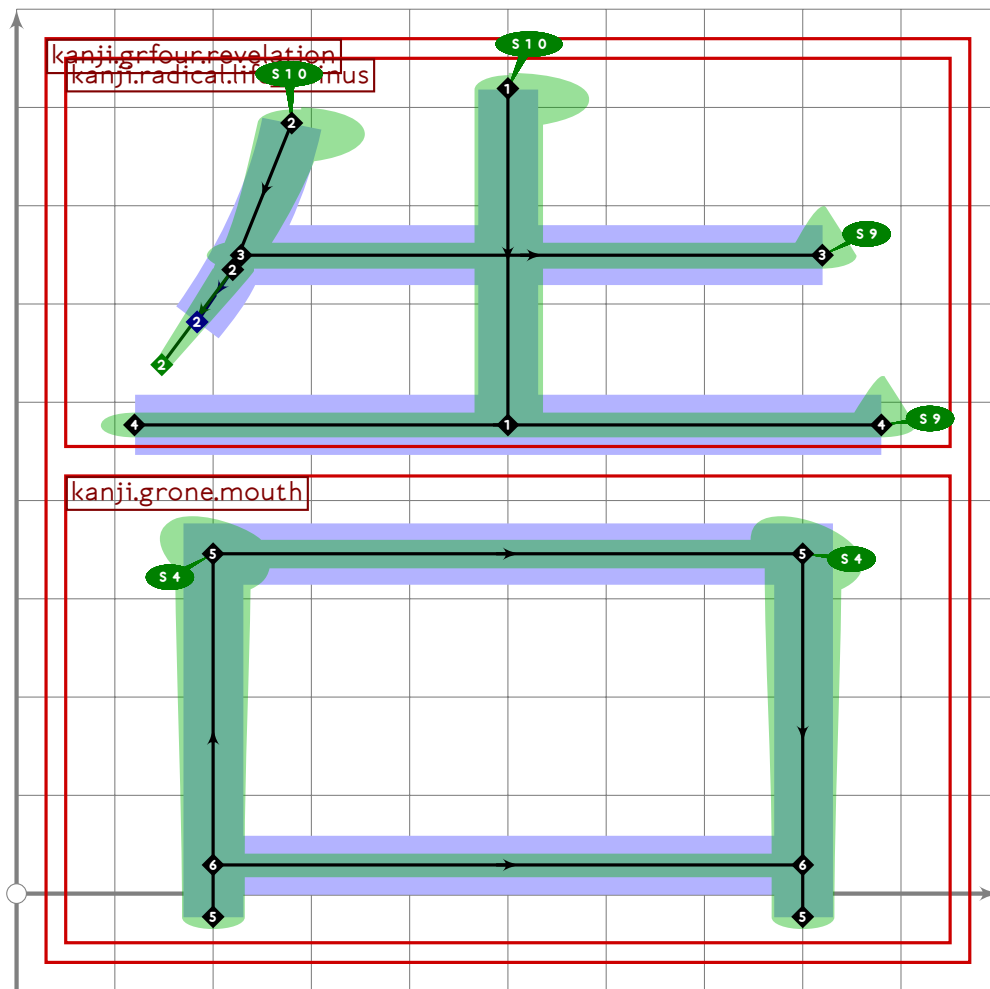


FOUR

```

751
752 vardef kanji.grfour.request =
753   push_pbox__toexpand("kanji.grfour.request");
754   tsu_xform(identity yscaled 0.9)(kanji.radical.alt_water);
755   replace_stroke(-4)((510,810)-(subpath (1,infinity) of oldp));
756   push_stroke((100,620)-(900,620),(1.6,1.6)-(1.6,1.6));
757   set_boserif(0,19);
758   push_stroke((690,790)..tension 1.2..(780,730)..(810,690),
759     (1,1)-(14,14)-(1.6,1.6));
760   set_bosize(0,90);
761   expand_pbox;
762 enddef;

```

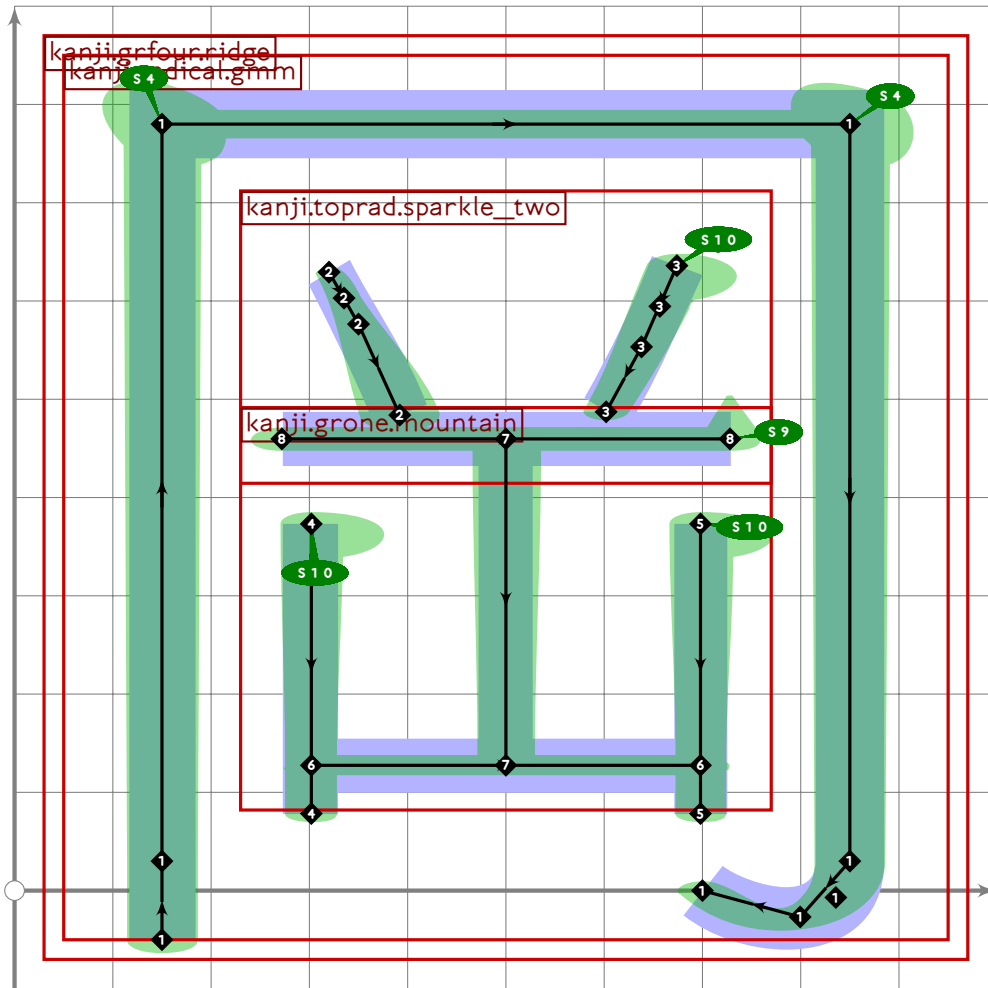


FOUR

```

763
764 vardef kanji.grfour.revelation =
765   push_pbox__toexpand("kanji.grfour.revelation");
766   build_kanji.level(build_kanji.tb(440;30)
767     (kanji.radical.life_minus)
768     (kanji.grone.mouth));
769   expand_pbox;
770 enddef;

```



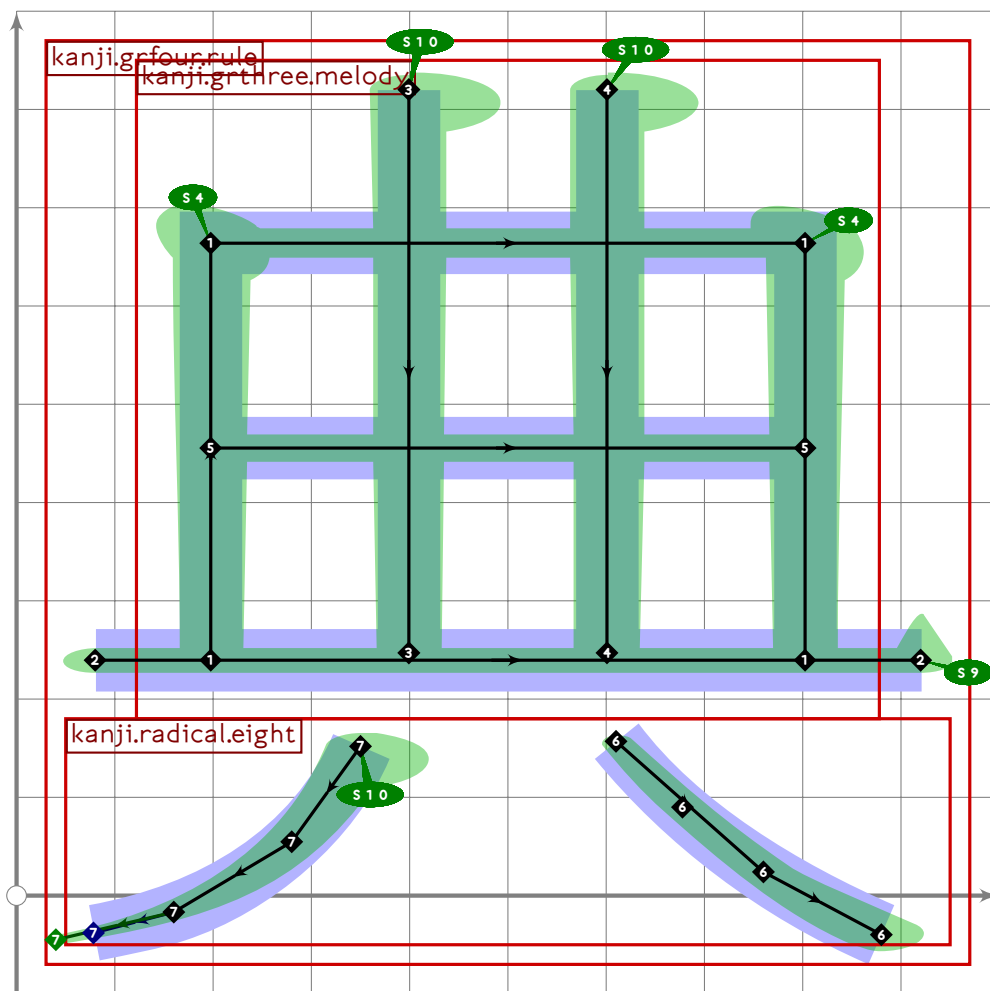
FOUR

```

771
772 vardef kanji.grfour.ridge =
773   push_pbox_toexpand("kanji.grfour.ridge");
774   perl_structure:=perl_structure&"eids.u2FF5._11_";
775   kanji.radical.gmm;
776   build_kanji.sscale(xyscaled (0,6,0,7))
777     (build_kanji.level(build_kanji.tb(480,110)
778       (kanji.toprad.sparkle_two)
779       (kanji.grone.mountain;
780         set_boserif(0,0,whatever);
781         push_stroke((120,780)-(880,780),(1,6,1,6)-(1,6,1,6));
782         set_boserif(0,1,9)))));
783   expand_pbox;
784 enddef;

```

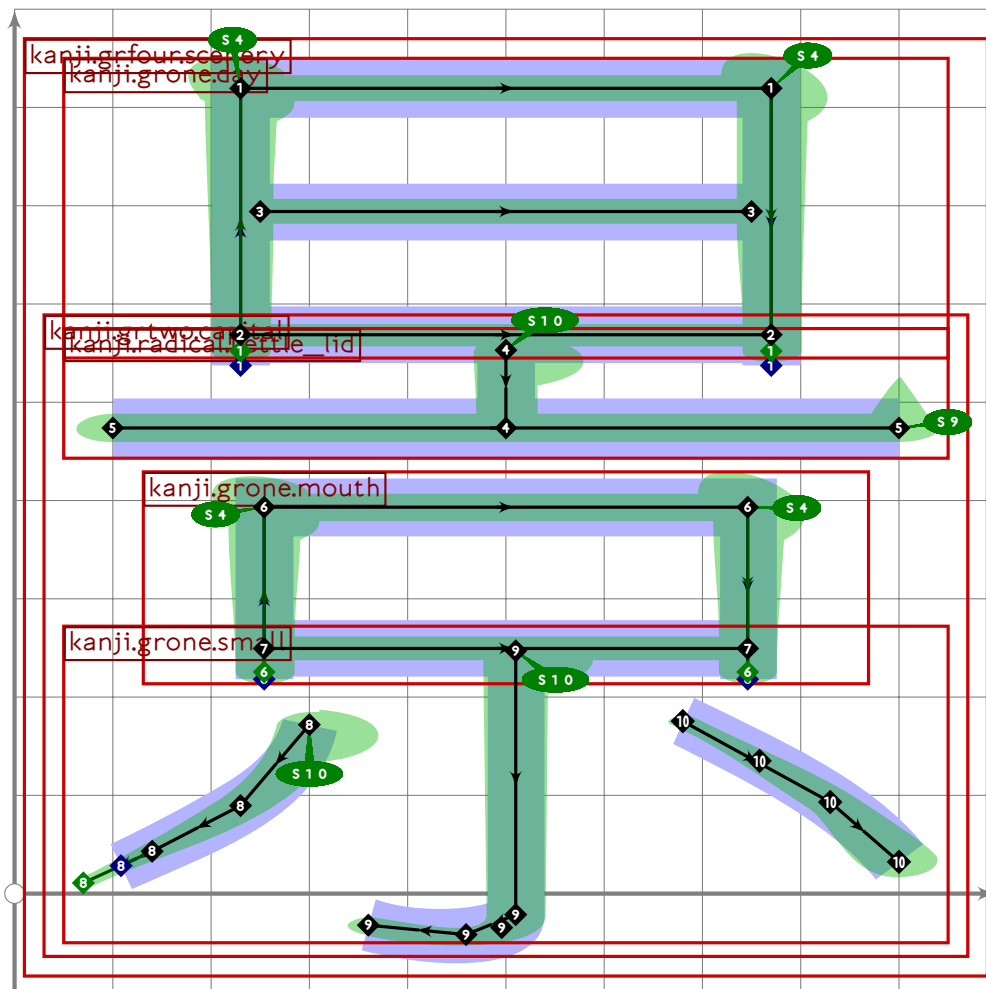
FOUR



```

785
786 vardef kanji.grfour.rule =
787   push_pbox__toexpand("kanji.grfour.rule");
788   build_kanji.level(build_kanji.tb(180,0)
789     (build_kanji.sscale(xscaled 0.84)
790       (kanji.grthree.melody;
791         replace_stroke(-4)((140,30)-(140,600)-(860,600)-(860,30)));
792       pop_hook;
793       replace_stroke(-3)((80,30)-(920,30));
794       set_boserif(-3,19))
795     (kanji.radical.eight));
796   expand_pbox;
797 enddef;

```



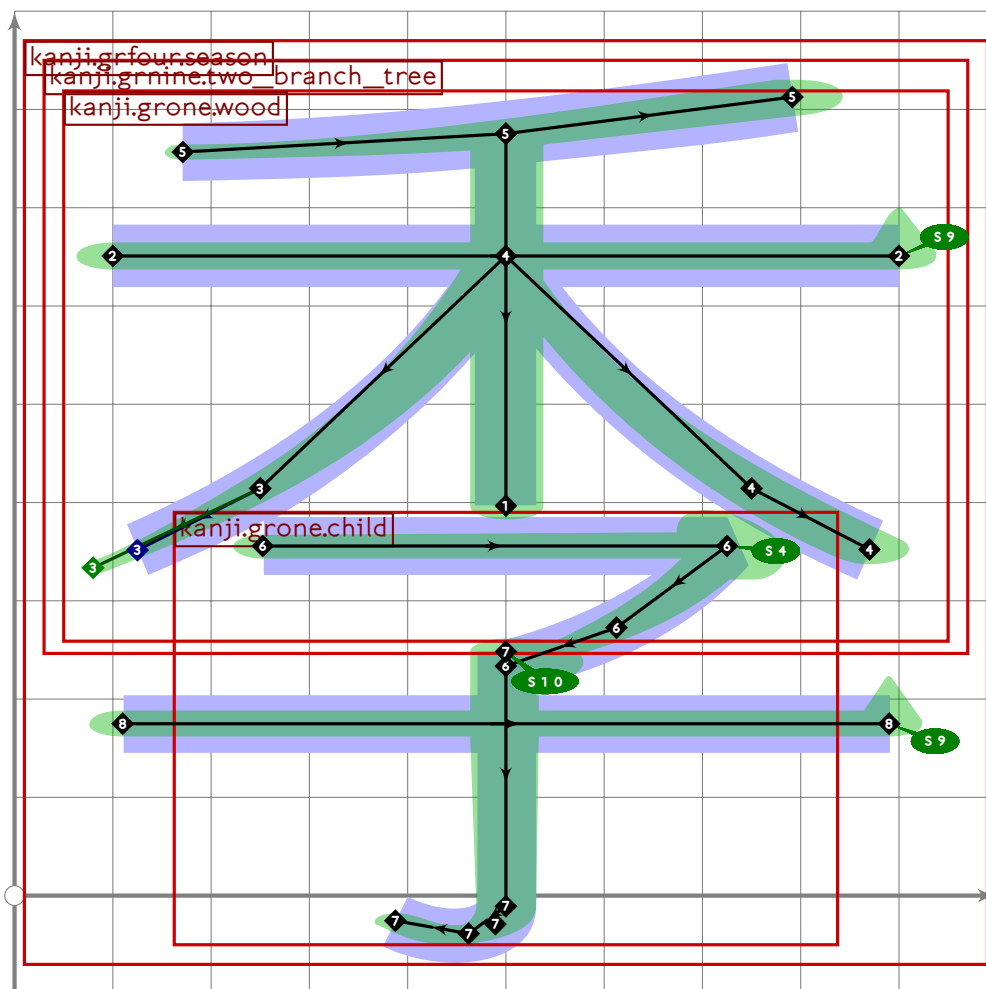
FOUR

```

798
799 vardef kanji.grfour.scenery =
800   push_pbox_toexpand("kanji.grfour.scenery");
801   build_kanji.level(build_kanji.tb(560,30)
802     (kanji.grone.day)
803     (kanji.grtwo.capital));
804   expand_pbox;
805 enddef;

```

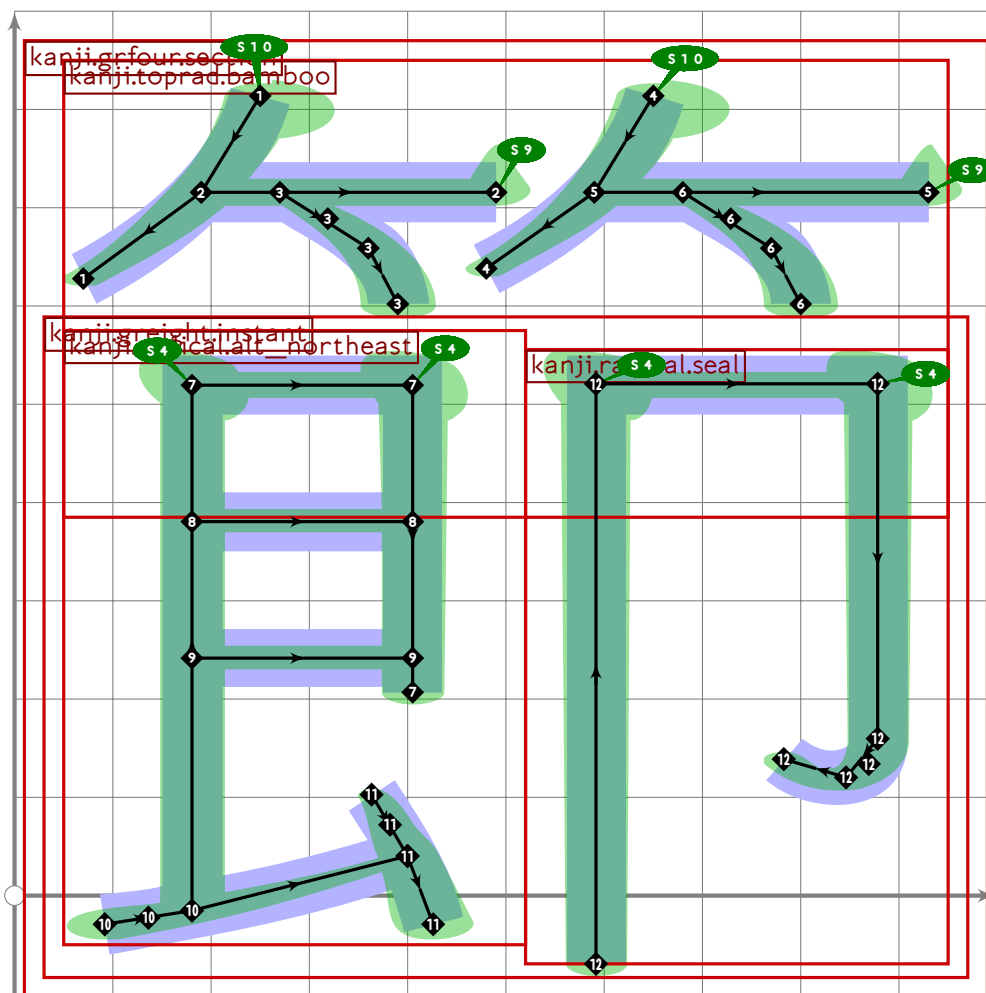
FOUR



```

806
807 vardef kanji.grfour.season =
808   push_pbox_toexpand("kanji.grfour.season");
809   build_kanji.tb(340,100)
810   (kanji.grnine.two_branch_tree;
811     replace_stroke(-4)(subpath (0,0.78) of oldp))
812   (path charsvp;
813     build_kanji.sscale(xscaled 0.75)
814     (kanji.grone.child;
815       charsvp:=get_stroke(0));
816     replace_stroke(0)(charsvp));
817   expand_pbox;
818 enddef;

```

FOUR

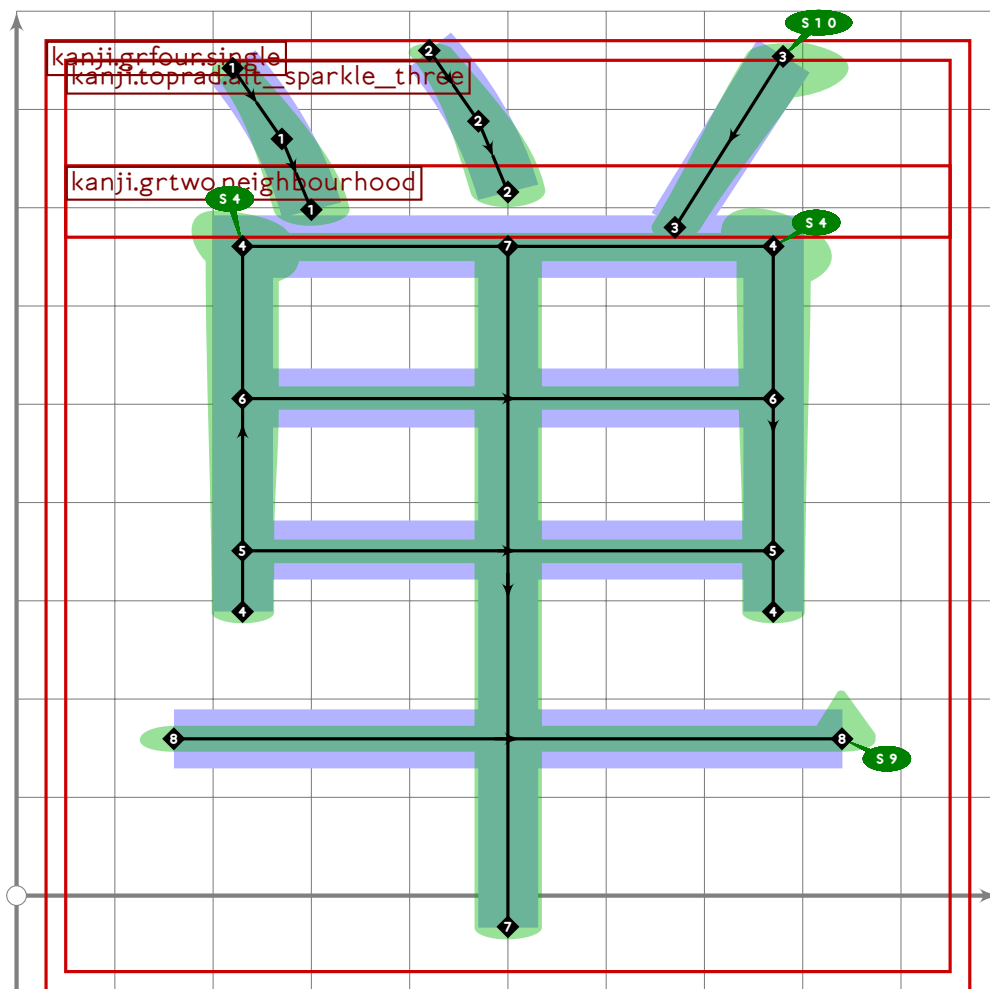
```

819
820 vardef kanji.grfour.section =
821   push_pbox_toexpand("kanji.grfour.section");
822   build_kanji.level(build_kanji.tb(480,190)
823     (kanji.toprad.bamboo)
824     (kanji.grfour.instant));
825   expand_pbox;
826 enddef;

```

U+5358
tsuku.uni5358

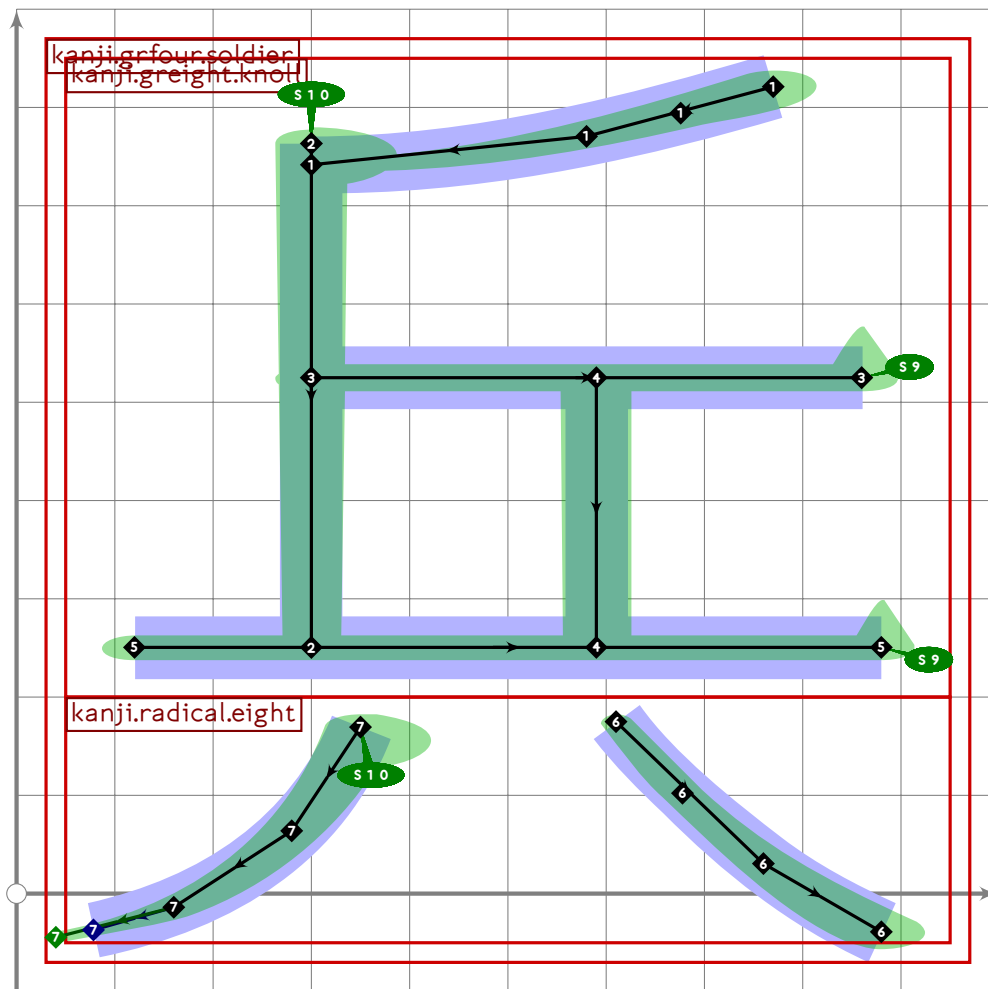
FOUR



```

827
828 vardef kanji.grfour.single =
829   push_pbox_toexpand("kanji.grfour.single");
830   build_kanji.level(build_kanji.tb(720,100)
831     (kanji.toprad.alt_sparkle_three)
832     (build_kanji.sscale(shifted (0,30))(kanji.grtwo.neighbourhood);
833     pop_stroke));
834   expand_pbox;
835 enddef;

```



FOUR

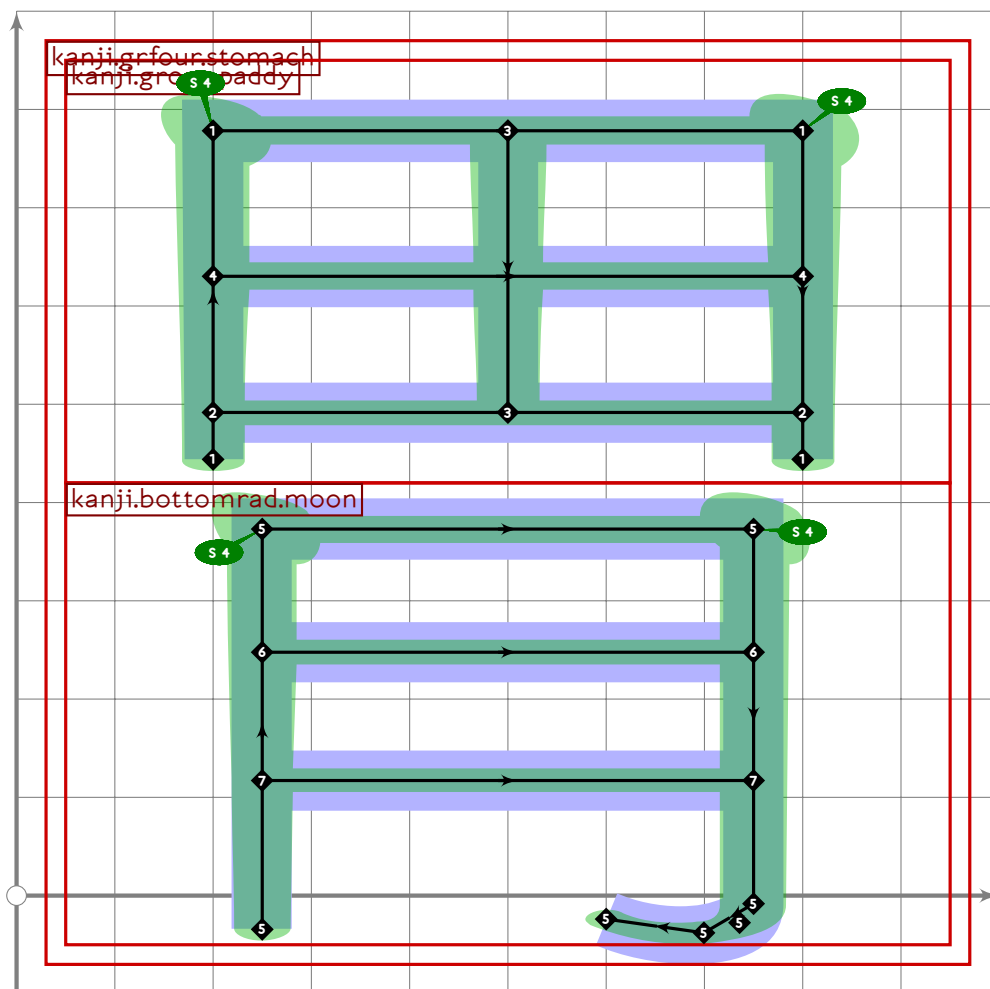
```

836
837 vardef kanji.grfour.soldier =
838   push_pbox_toexpand("kanji.grfour.soldier");
839   build_kanji.level(build_kanji.tb(200,0)
840     (kanji.greight.knoll)
841     (kanji.radical.eight));
842   expand_pbox;
843 enddef;

```

U+80C3
tsuku.uni80C3

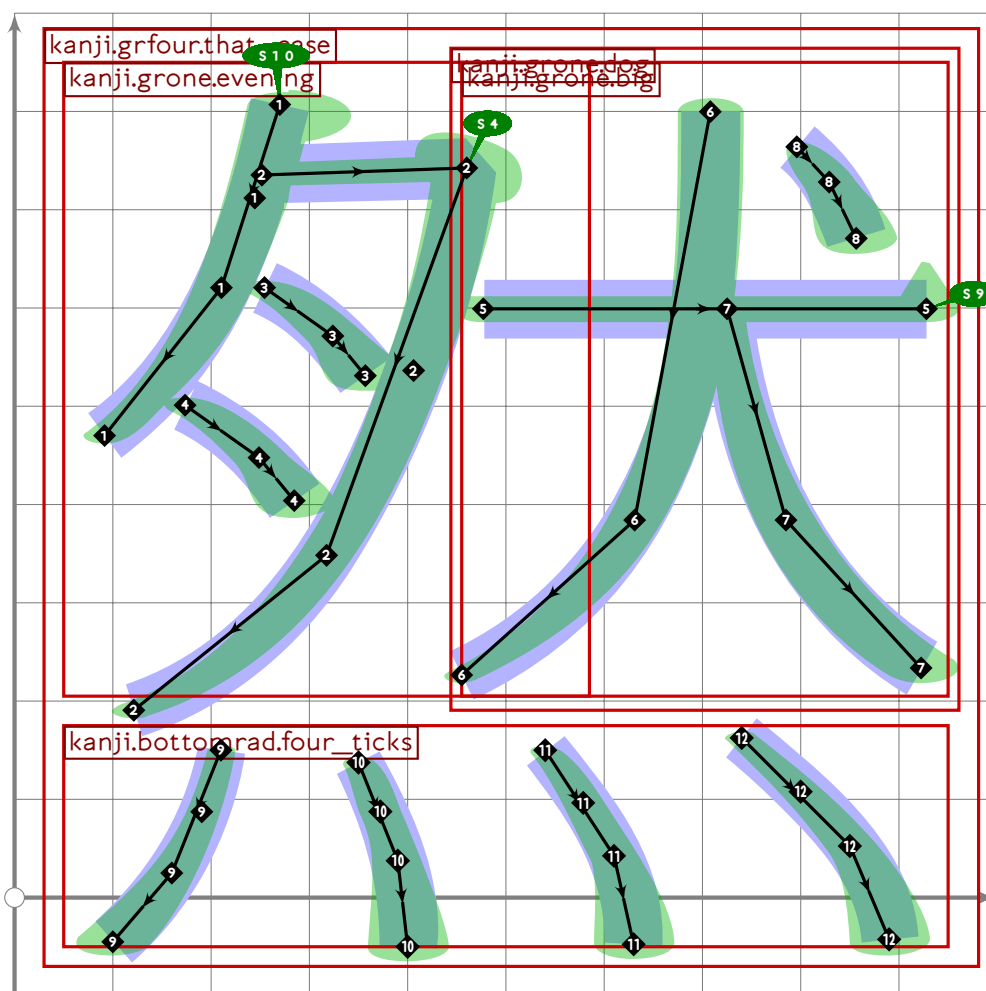
FOUR



```

844
845 vardef kanji.grfour.stomach =
846   push_pbox__toexpand("kanji.grfour.stomach");
847   build_kanji.level(build_kanji.tb(420,0)
848     (kanji.grone.paddy)
849     (kanji.bottomrad.moon));
850   expand_pbox;
851 enddef;

```



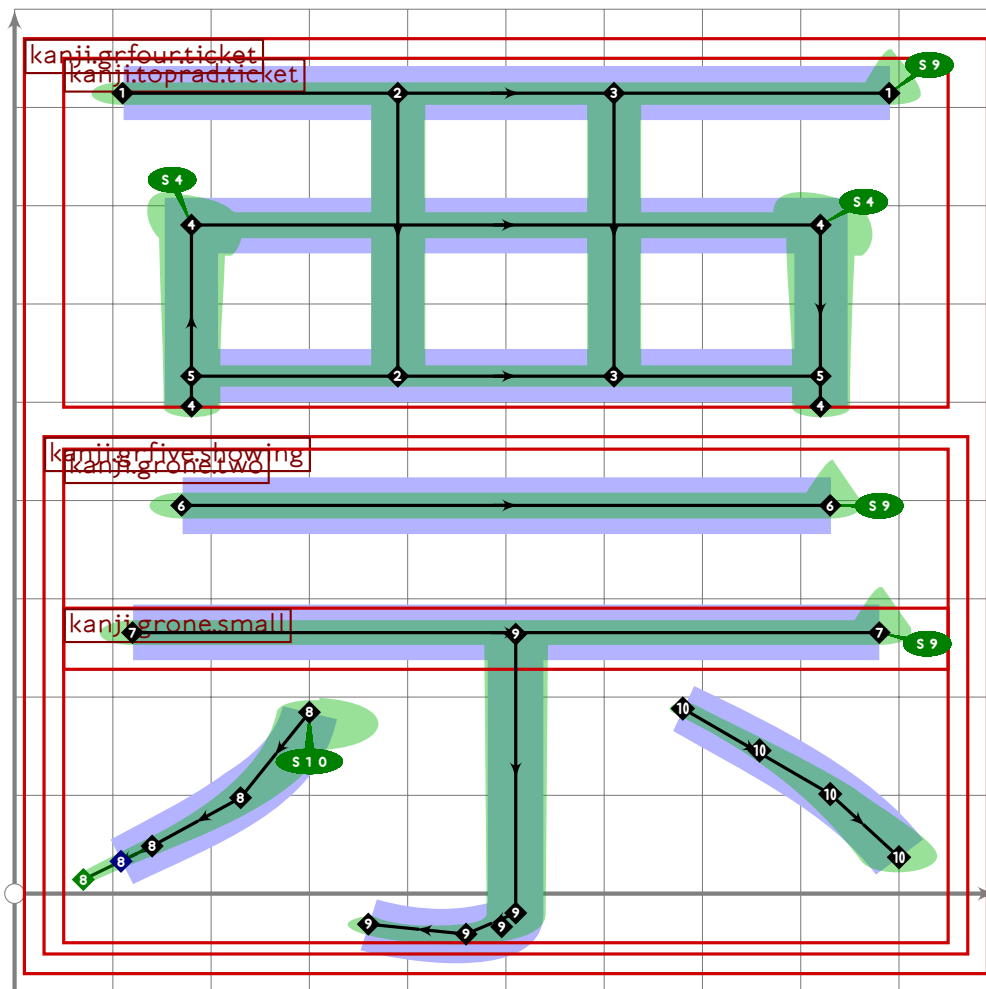
FOUR

```

852
853 vardef kanji.grfour.that_case =
854   push_pbox_toexpand("kanji.grfour.that_case");
855   path mytp,mytq;
856   build_kanji.tb(190;30)
857     (build_kanji.level(build_kanji.lr(520;130)
858       (kanji.grone.evening;
859         mytp=get_strokep(0);
860         mytq=get_strokeq(0);
861         push_stroke(mytp shifted (-point 0.6 of mytp)
862           scaled 0.65 shifted ((-90,-120)+point 0.6 of mytp),mytq);
863         replace_strokep(-1)(oldp shifted (-point 0.6 of oldp)
864           scaled 0.60 shifted ((40,50)+point 0.6 of oldp)))
865         (kanji.grone.dog)))
866     (kanji.bottomrad.four_ticks);
867   expand_pbox;
868 enddef;

```

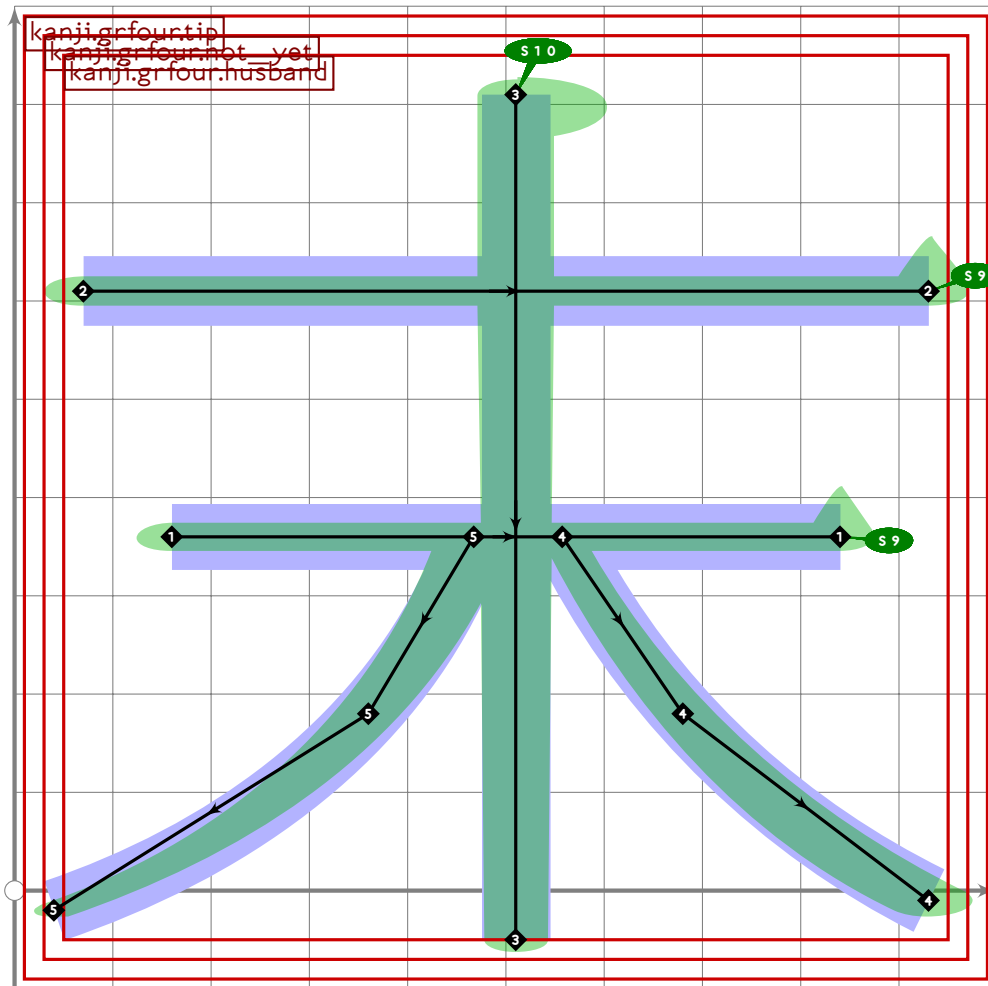
FOUR



```

869
870 vardef kanji.grfour.ticket =
871   push_pbox_toexpand("kanji.grfour.ticket");
872   build_kanji.tb(480,-30)
873     (kanji.toprad.ticket)
874     (kanji.grfive.showing);
875   expand_pbox;
876 enddef;

```



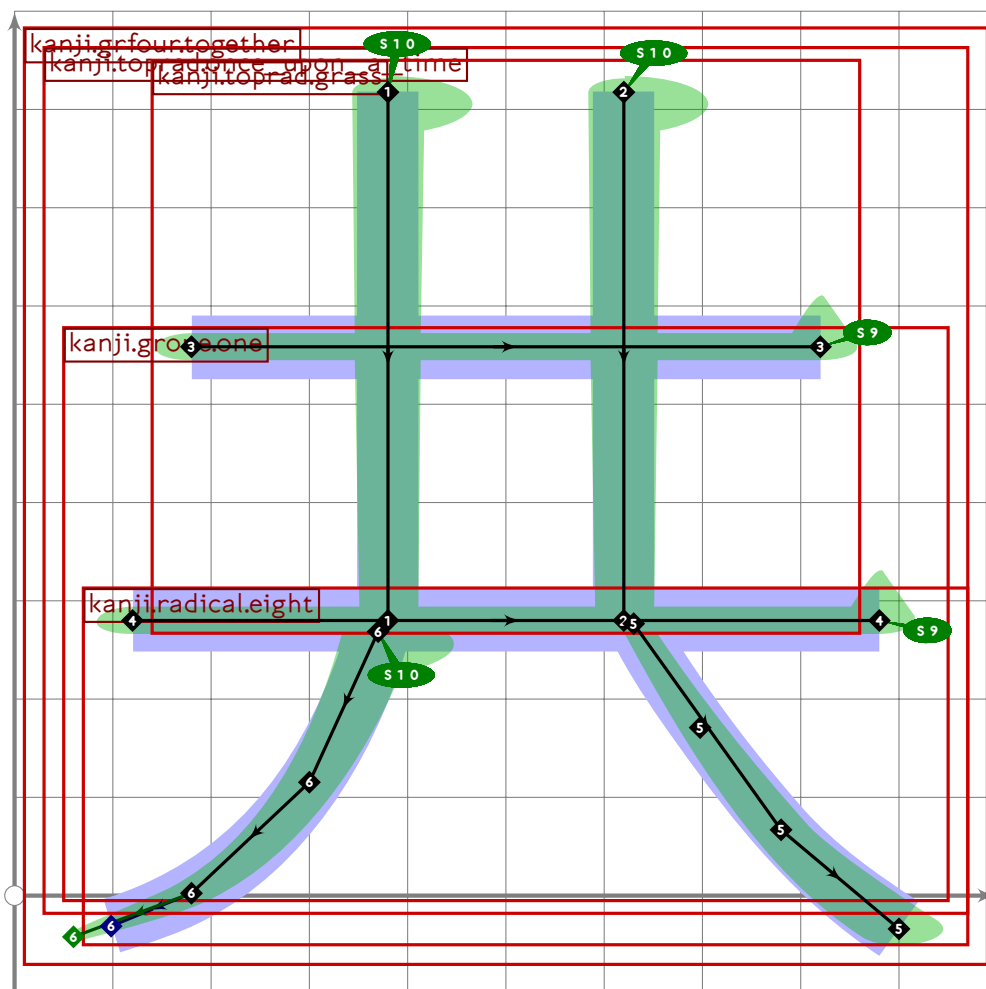
FOUR

```

877
878 vardef kanji.grfour.tip =
879   push_pbox__toexpand("kanji.grfour.tip");
880   kanji.grfour.not_yet;
881   replace_strokep(-3)((70,610)–(930,610));
882   replace_strokep(-4)((160,360)–(840,360));
883   expand_pbox;
884 enddef;

```

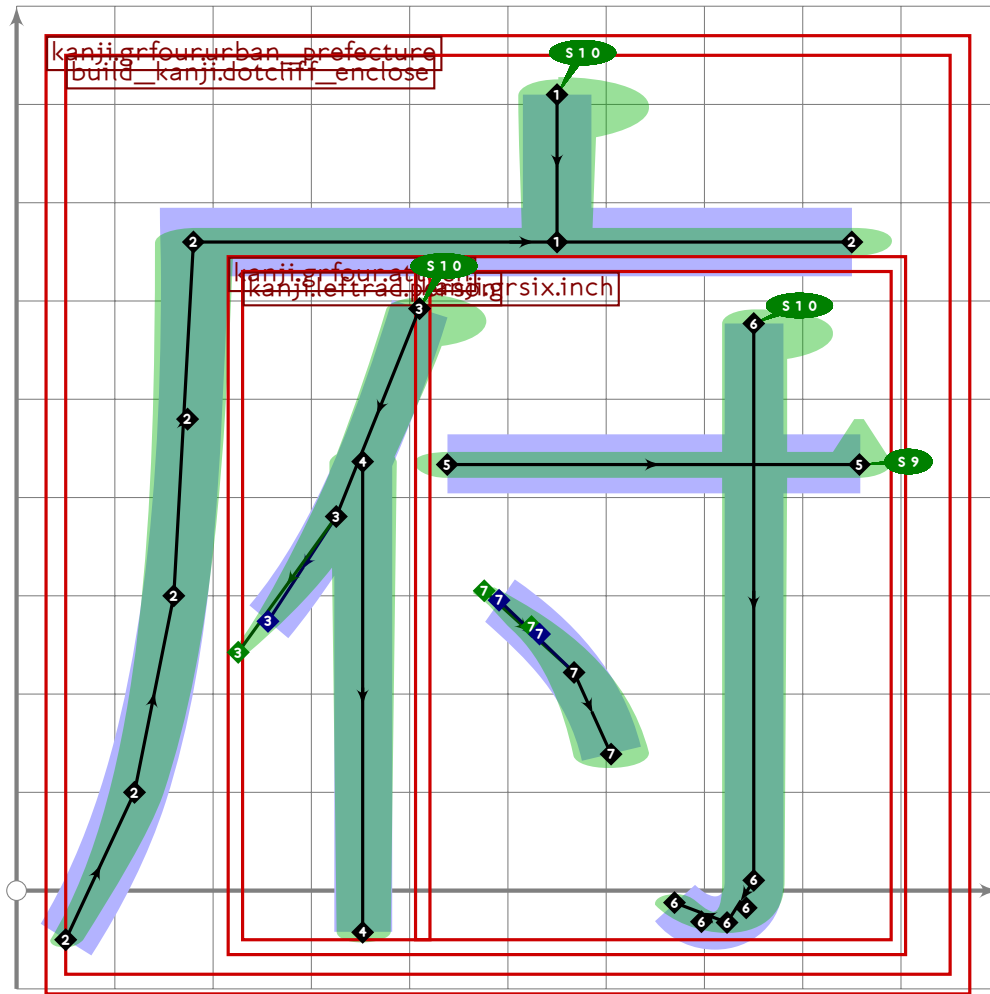
FOUR



```

885
886 vardef kanji.grfour.together =
887   push_pbox_toexpand("kanji.grfour.together");
888   build_kanji.level(build_kanji.tb(290,46)
889     (kanji.toprad.once_upon_a_time)
890     (tsu_xform(identity shifted (20,0))(kanji.radical.eight)));
891   expand_pbox;
892 enddef;

```

FOUR

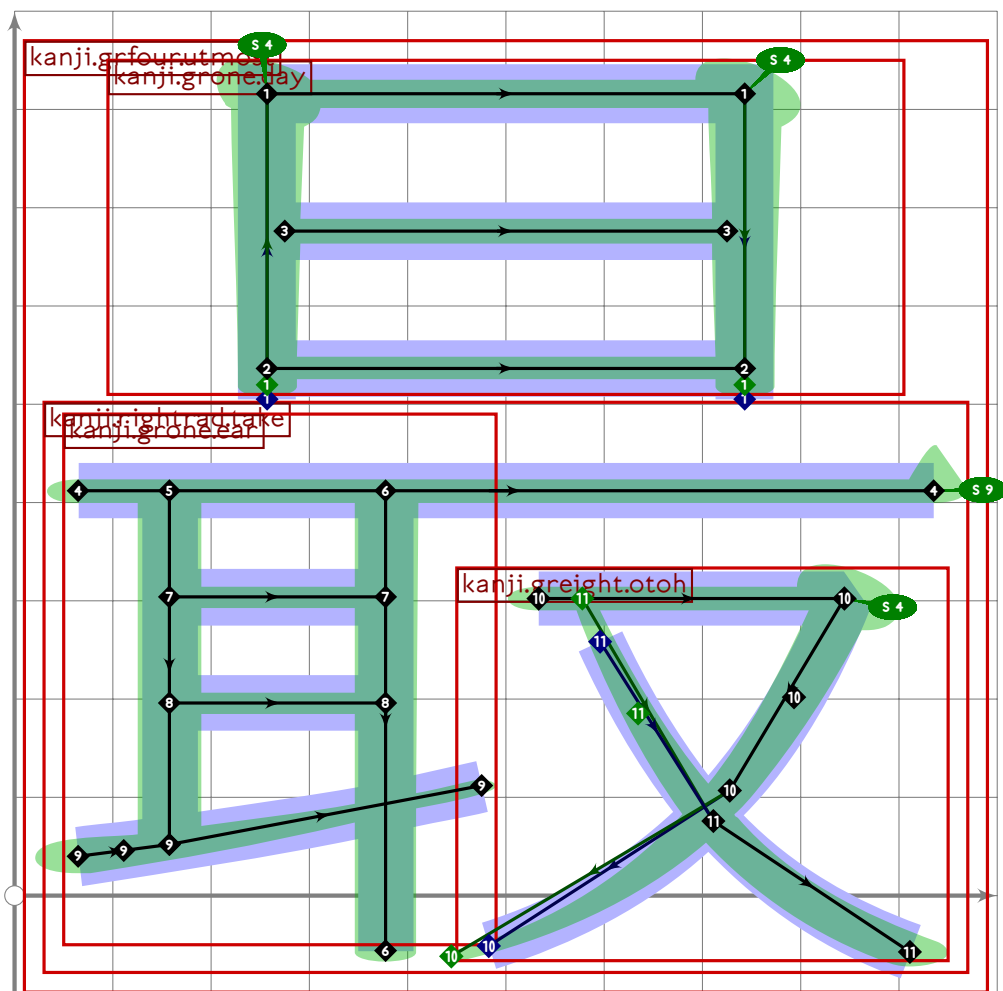
```

893
894 vardef kanji.grfour.urban_prefecture =
895   push_pbox_toexpand("kanji.grfour.urban_prefecture");
896   build_kanji.dotcliff_enclose(kanji.grfour.attach);
897   expand_pbox;
898 enddef;

```

U+6700
tsuku.uni6700

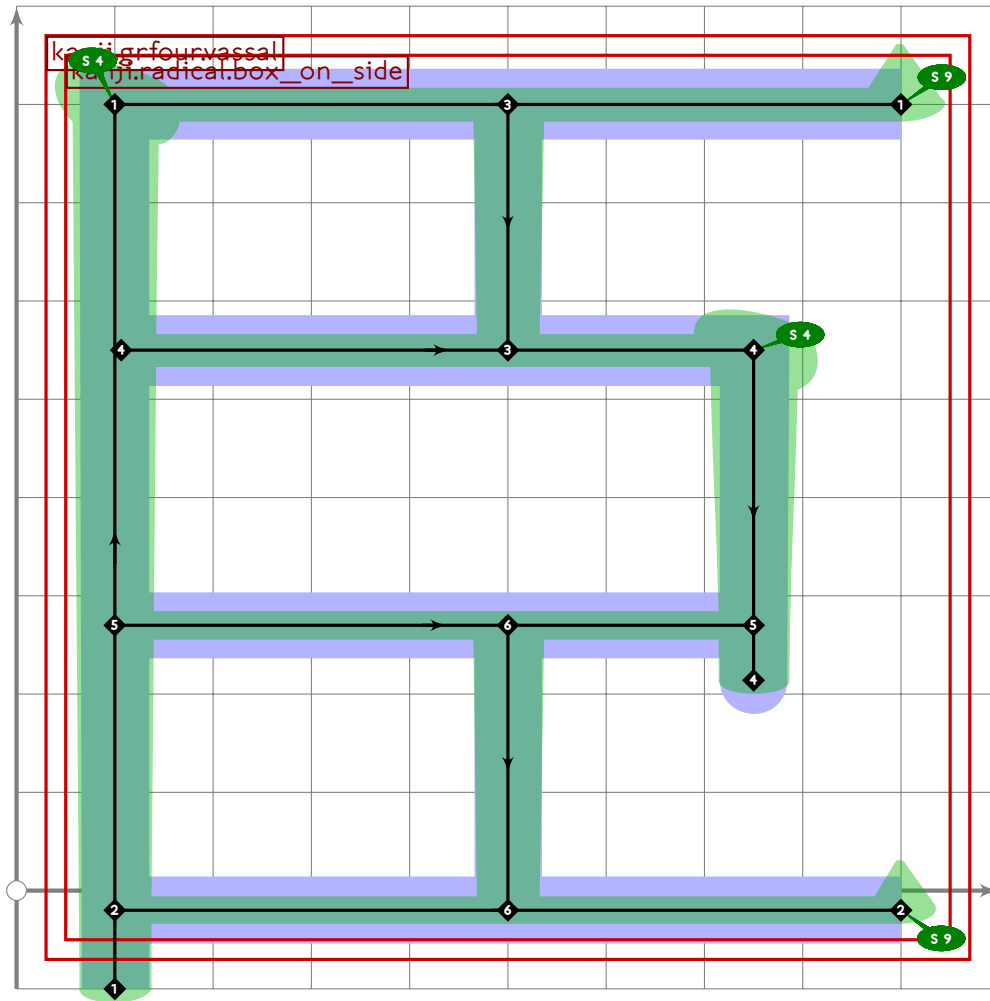
FOUR



```

899
900 vardef kanji.grfour.utmost =
901   push_pbox_toexpand("kanji.grfour.utmost");
902   build_kanji.tb(500,20)
903     (build_kanji.sscale(xscaled 0.9)(kanji.grone.day))
904     (kanji.rightrad.take);
905   expand_pbox;
906 enddef;

```



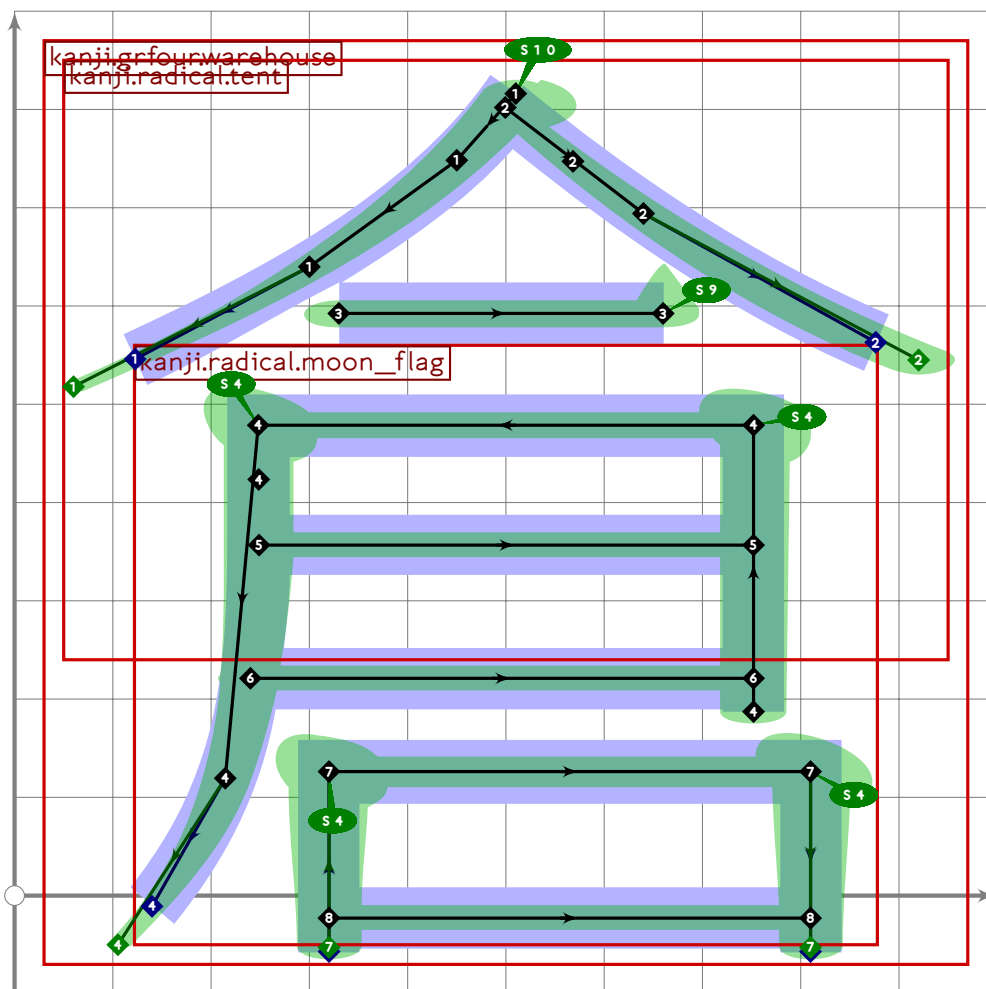
FOUR

```

907
908 vardef kanji.grfourvassal =
909   push_pbox_toexpand("kanji.grfourvassal");
910   kanji.radical.box_on_side;
911   push_stroke((500,800)-(500,550),(1.5,1.5)-(1.4,1.4));
912   build_kanji.box((100,550),(750,270));
913   replace_strokep(-1)(subpath (1.01,infinity) of oldp);
914   replace_strokeq(-1)(subpath (1,infinity) of oldq);
915   set_boserif(-1,2,whatever);
916   push_stroke((500,270)-(500,20),(1.5,1.5)-(1.4,1.4));
917   expand_pbox;
918 enddef;

```

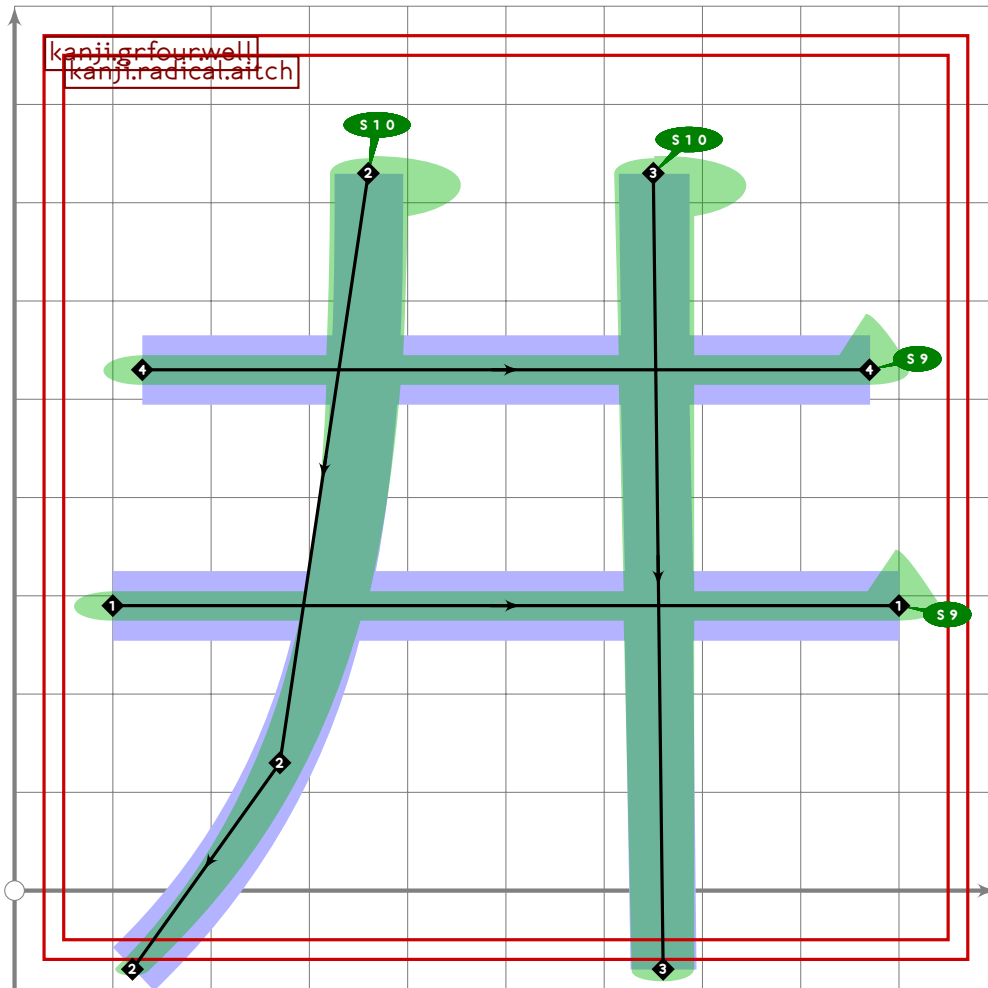
FOUR



```

919
920 vardef kanji.grfour.warehouse =
921   push_pbox__toexpand("kanji.grfour.warehouse");
922   build_kanji.level(build_kanji.tb(400,320)
923     (kanji.radical.tent)
924     (build_kanji.sscale(xscaled 0.84)(kanji.radical.moon_flag);
925       build_kanji.box((320,210),(810,-10)))));
926   expand_pbox;
927 enddef;

```



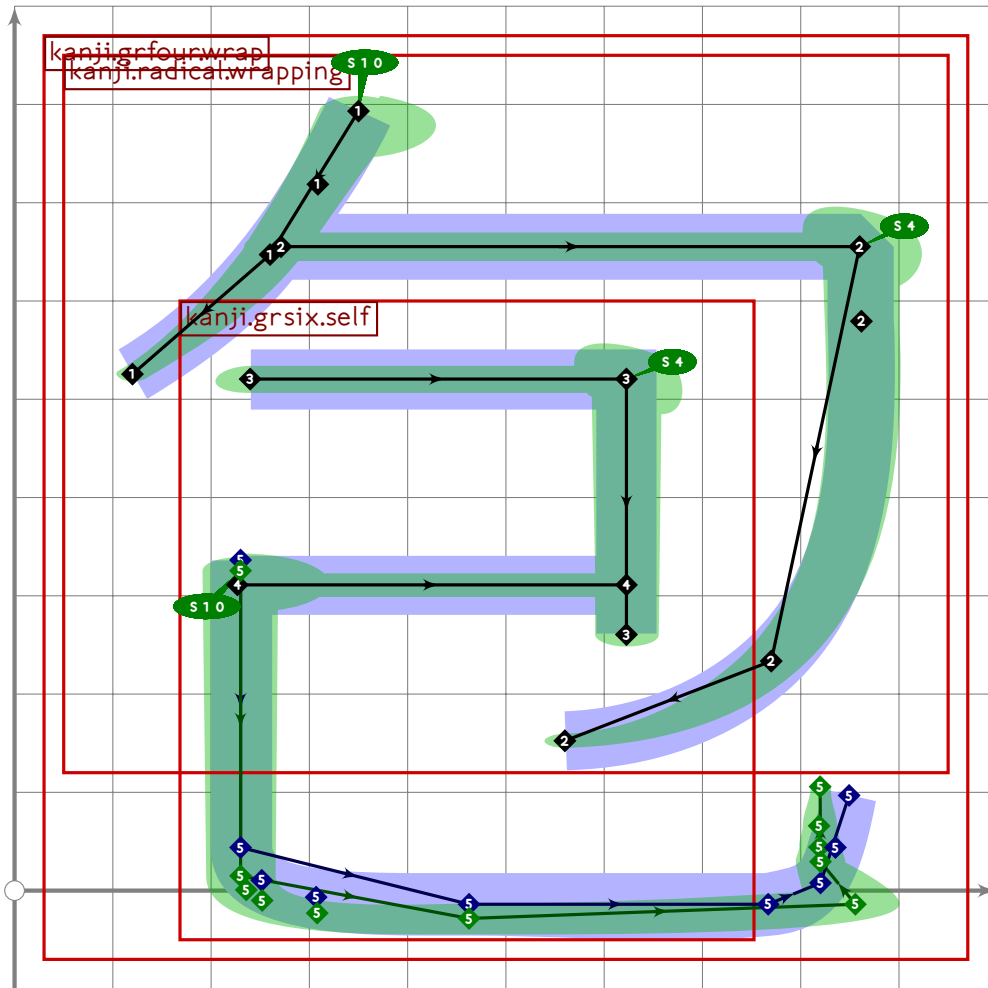
FOUR

```

928
929 vardef kanji.grfour.well =
930   push_pbox__toexpand("kanji.grfour.well");
931   kanji.radical.aitch;
932   replace_stroke(-2)(oldp shifted (0,-140));
933   push_stroke((130,530)-(870,530),(1.6,1.6)-(1.6,1.6));
934   set_boserif(0,19);
935   expand_pbox;
936 enddef;

```

FOUR



```

937
938 vardef kanji.grfour.wrap =
939   push_pbox__toexpand("kanji.grfour.wrap");
940   build_kanji.tb(360,480)
941   (kanji.radical.wrapping)
942   (save savep,selft;
943     path savep;
944     transform selft[];
945
946     (145,0) transformed selft1=(230,0);
947     (145,1000) transformed selft1=(230,1000);
948     (900,0) transformed selft1=(720,0);
949     (145,0) transformed selft2=(230,0);
950     (145,1000) transformed selft2=(230,1000);
951     (900,0) transformed selft2=(900,0);
952     tsu_xform(selft1)
953     (kanji.grsix.self;
954       savep=get_strokep(0);
955       replace_strokep(0)(savep transformed selft2));
956   expand_pbox;
957 enddef;

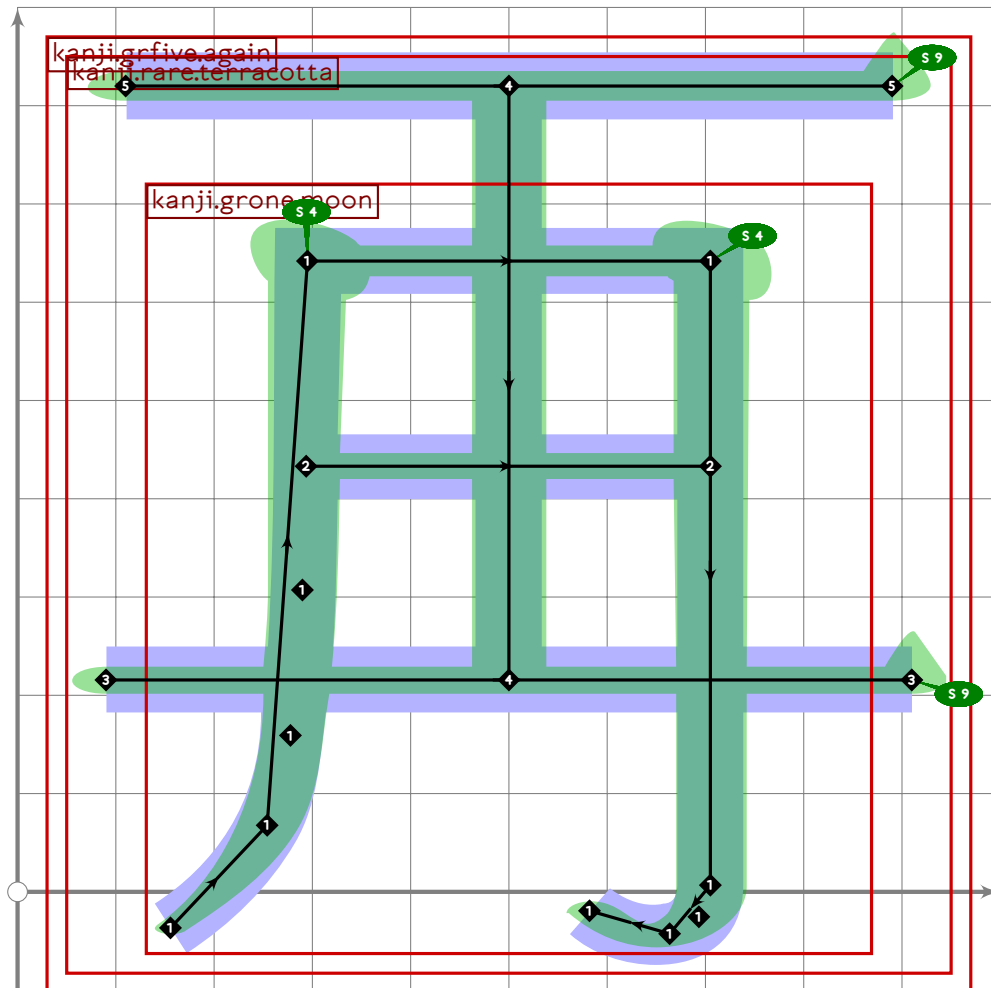
```

gradefive.mp

```

1 %
2 % Grade Five kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 inclusion_lock(gradefive);
32
33

```

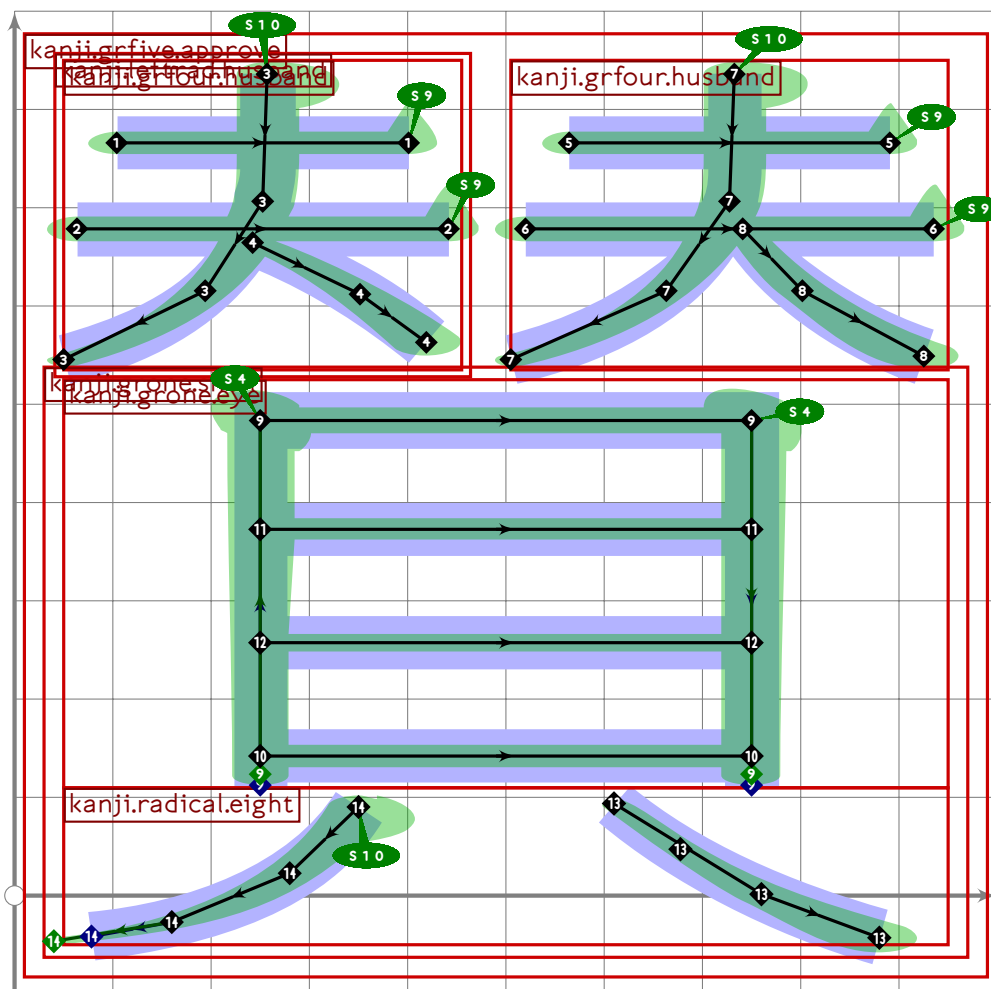


FIVE

```

34
35 vardef kanji.grfive.again =
36   push_pbox_toexpand("kanji.grfive.again");
37   build_kanji.level(
38     kanji.rare.terracotta;
39     set_boserif(0,0,whatever);
40     push_stroke((110,820)-(890,820),(1.6,1.6)-(1.6,1.6));
41     set_boserif(0,1,9));
42   expand_pbox;
43 enddef;

```

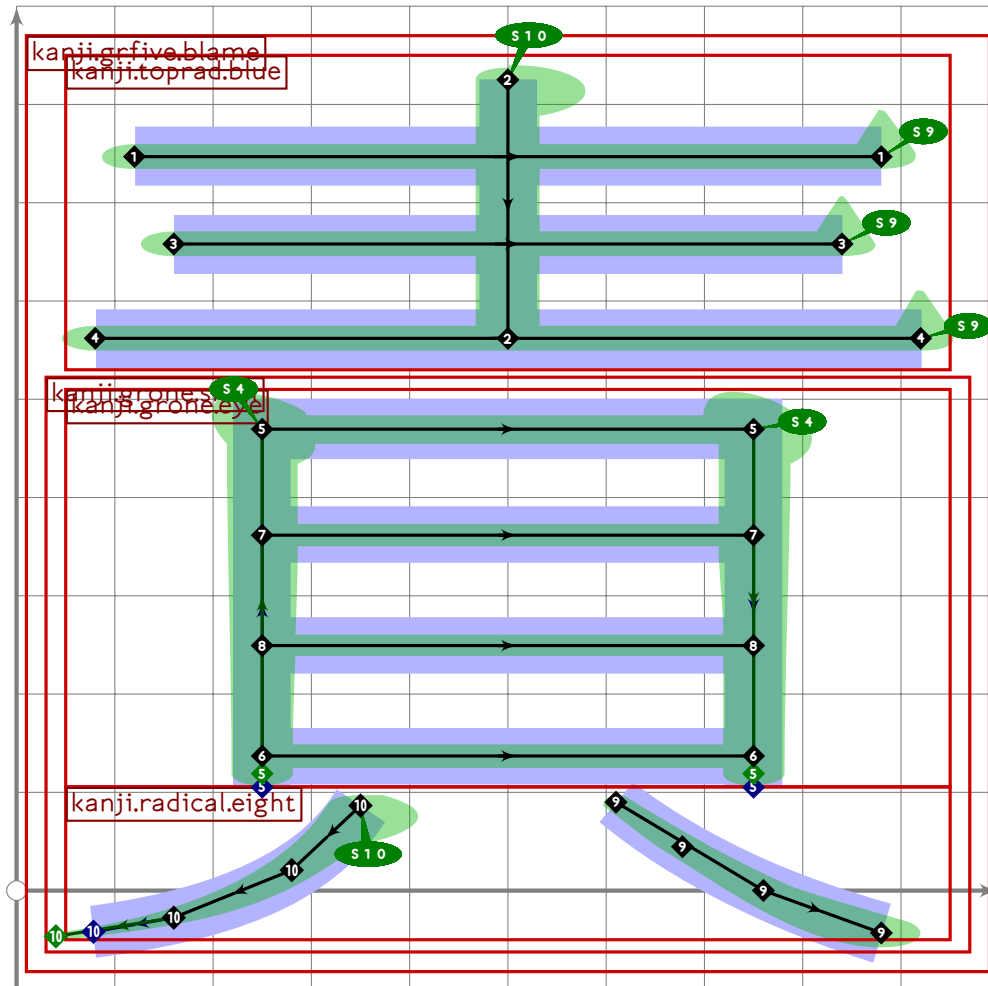


FIVE

```

44
45 vardef kanji.grfive.approve =
46   push_pbox__toexpand("kanji.grfive.approve");
47   build_kanji.level(build_kanji.tb(530;-10)
48     (build_kanji.lr(480;-50)
49       (kanji.leftrad.husband)
50       (kanji.grfour.husband))
51     (kanji.grone.shell));
52   expand_pbox;
53 enddef;

```

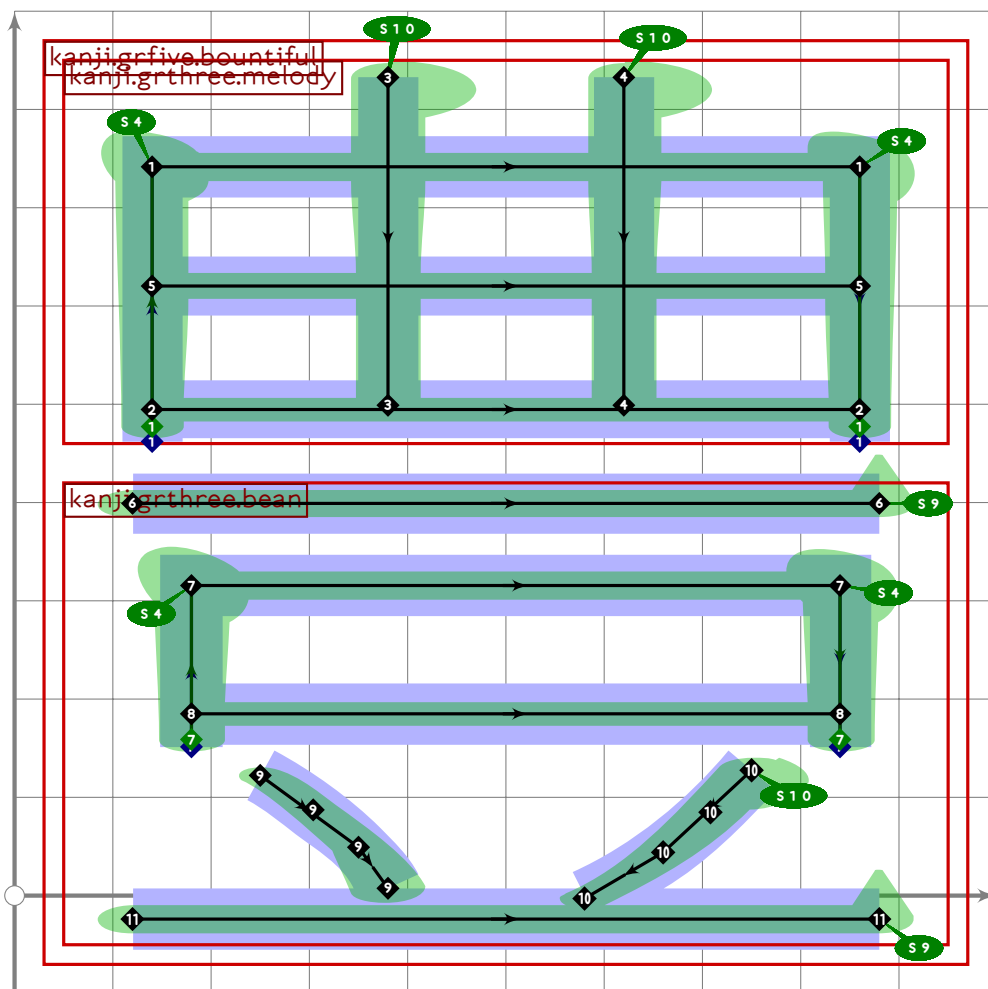
FIVE

```

54
55 vardef kanji.grfive.blame =
56   push_pbox_toexpand("kanji.grfive.blame");
57   build_kanji.level(build_kanji.tb(520;20)
58     (kanji.toprad.blue)
59     (kanji.grone.shell));
60   expand_pbox;
61 enddef;

```

U+8C4A
tsuku.uni8C4A

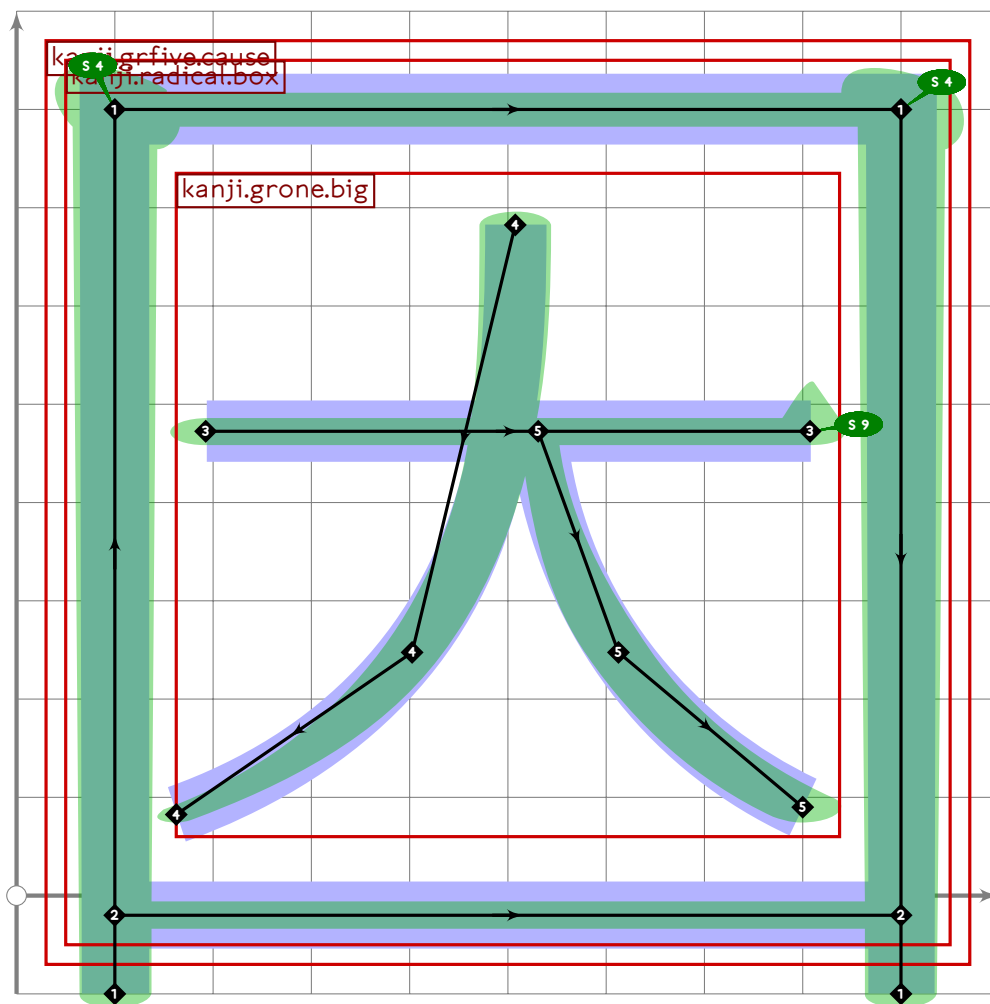


FIVE

```

62
63 vardef kanji.grfive.bountiful =
64   push_pbox__toexpand("kanji.grfive.bountiful");
65   build_kanji.tb(440,-40)
66     (kanji.grthree.melody)
67     (kanji.grthree.bean);
68   expand_pbox;
69 enddef;

```



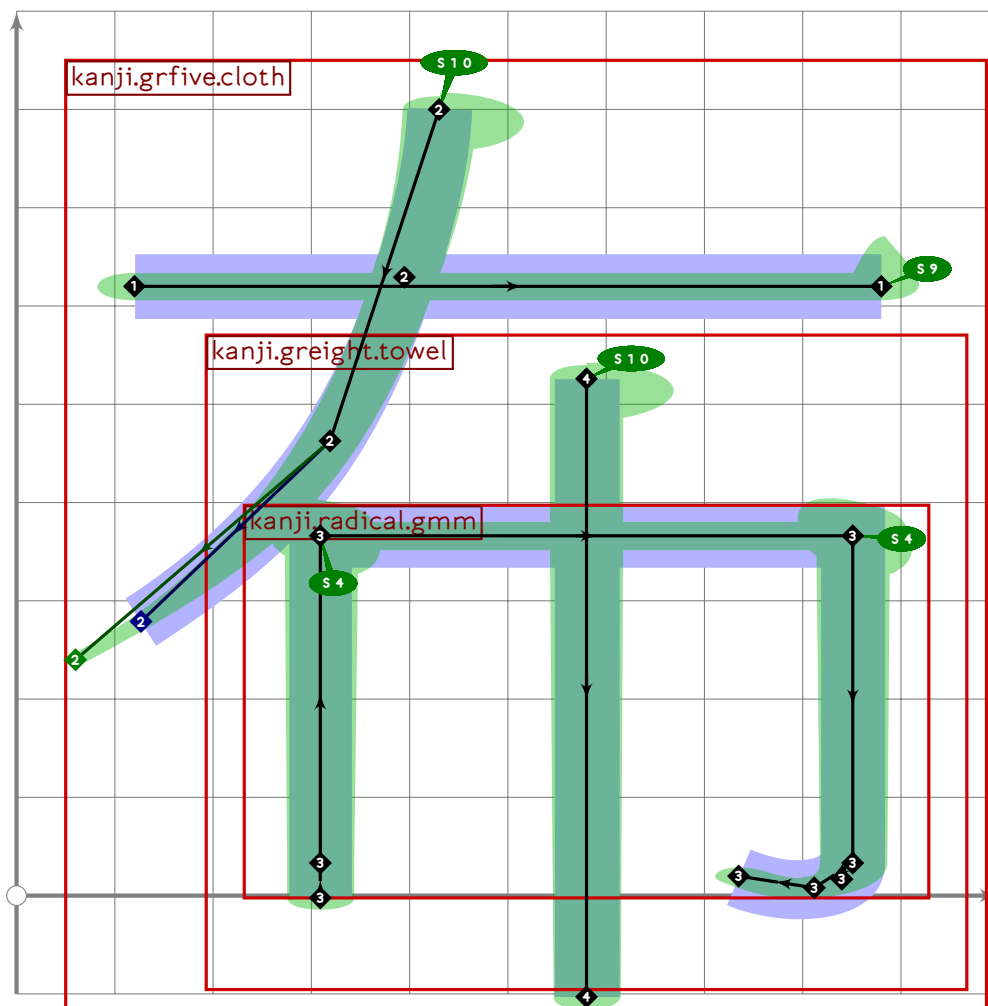
FIVE

```

70
71 vardef kanji.grfive.cause =
72   push_pbox_toexpand("kanji.grfive.cause");
73   kanji.radical.box;
74   build_kanji.sscale(scaled 0.75)(kanji.grone.big);
75   expand_pbox;
76 enddef;

```

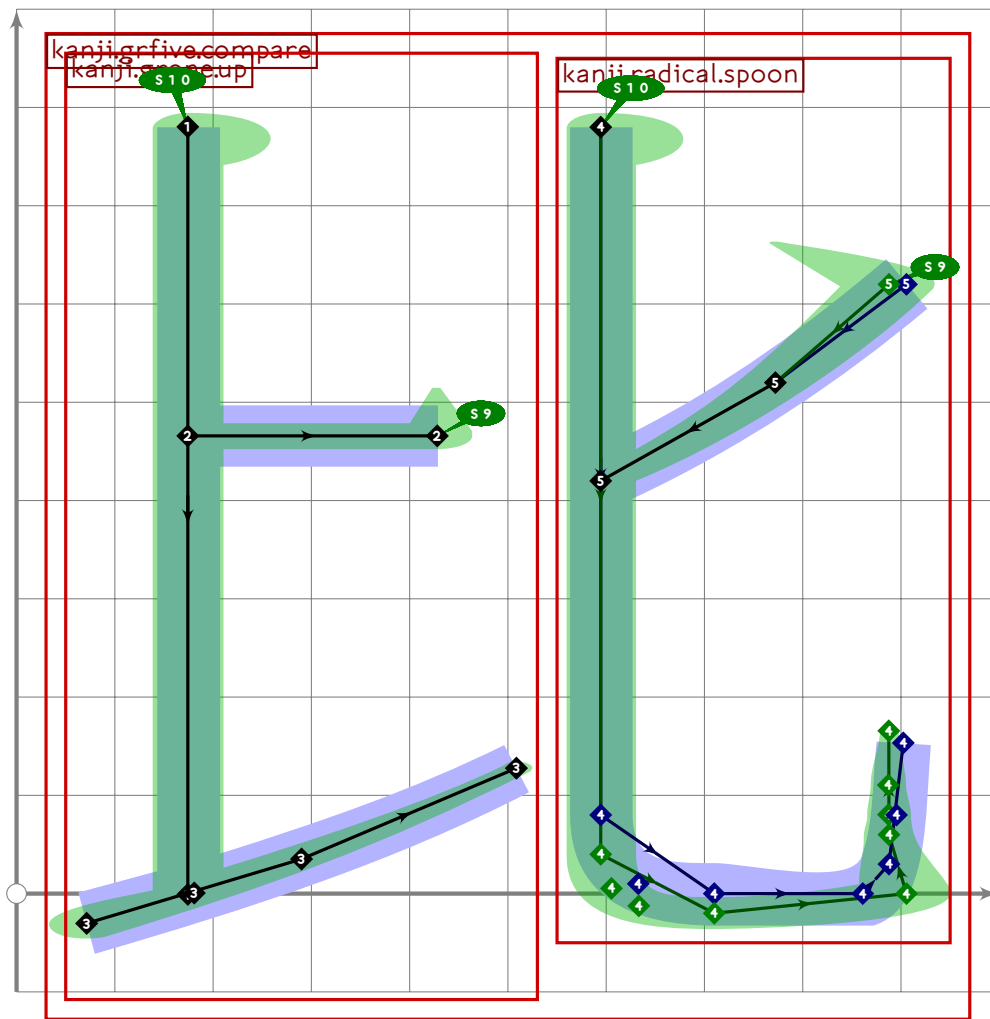
FIVE



```

77
78 vardef kanji.grfive.cloth =
79   push_pbox_toexpand("kanji.grfive.cloth");
80   build_kanji.level(
81     build_kanji.lean_to((430,240));
82     build_kanji.sscale(xyscaled (0.86,0.74) shifted (80,-160))
83     (kanji.greight.towel);
84   );
85   expand_pbox;
86 enddef;

```



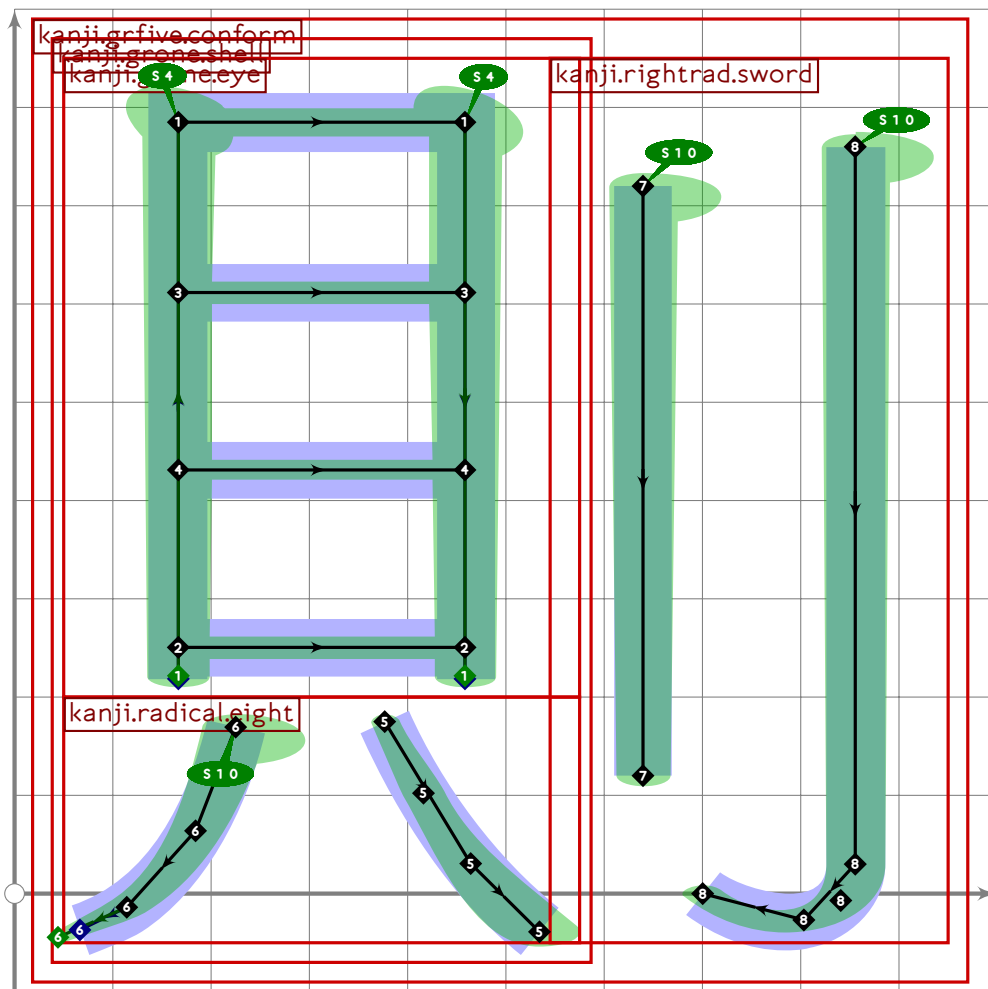
FIVE

```

87
88 vardef kanji.grfive.compare =
89   push_pbox__toexpand("kanji.grfive.compare");
90   build_kanji.level(build_kanji.lr(540,20)
91     (build_kanji.lift_skirt(300,160)
92       (build_kanji.sscale(yscaled 1.07 shifted (0,-27))(kanji.grone.up);
93         replace_strokep(-1)
94           (oldp shifted (-810,0) xscaled 1.7 shifted (810,60));
95         replace_strokep(-2)
96           (oldp shifted (-810,0) xscaled 1.7 shifted (810,0))))
97     (kanji.radical.spoon));
98   expand_pbox;
99 enddef;

```

U+5247
tsuku.uni5247

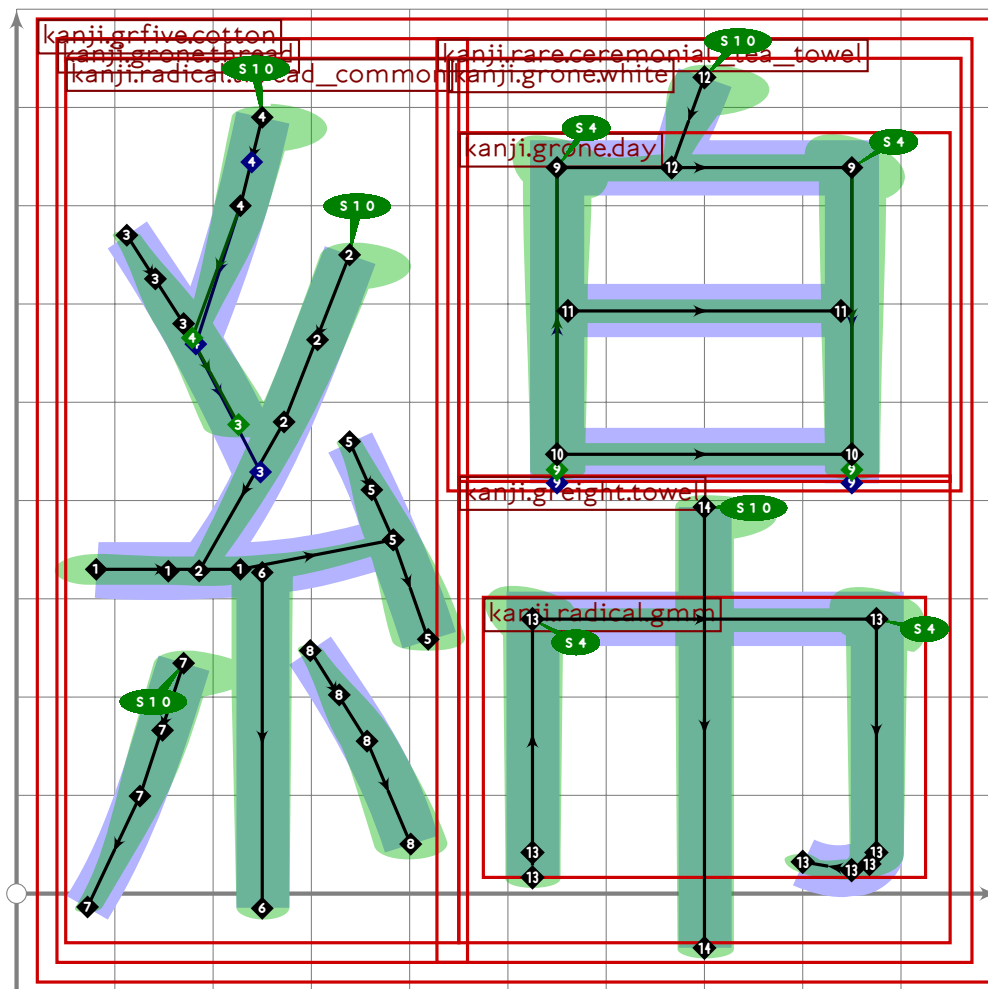


FIVE

```

100
101 vardef kanji.grfive.conform =
102   push_pbox__toexpand("kanji.grfive.conform");
103   build_kanji.level(build_kanji.lr(560,30)
104     (kanji.grone.shell)
105     (kanji.rightrad.sword));
106   expand_pbox;
107 enddef;

```



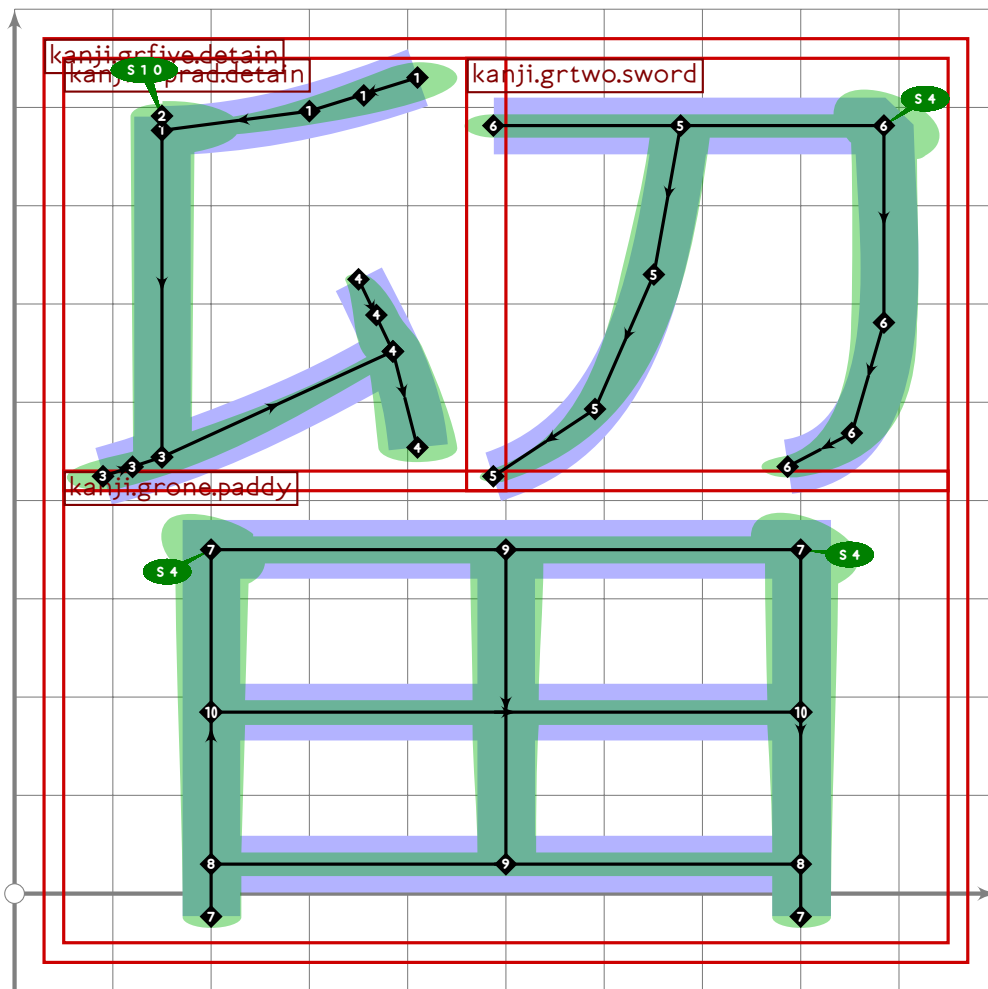
FIVE

```

108
109 vardef kanji.grfive.cotton =
110   push_pbox_toexpand("kanji.grfive.cotton");
111   build_kanji.lr(450,0)
112     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
113     (kanji.rare.ceremonial_tea_towel);
114   expand_pbox;
115 enddef;

```

U+7559
tsuku.uni7559



FIVE

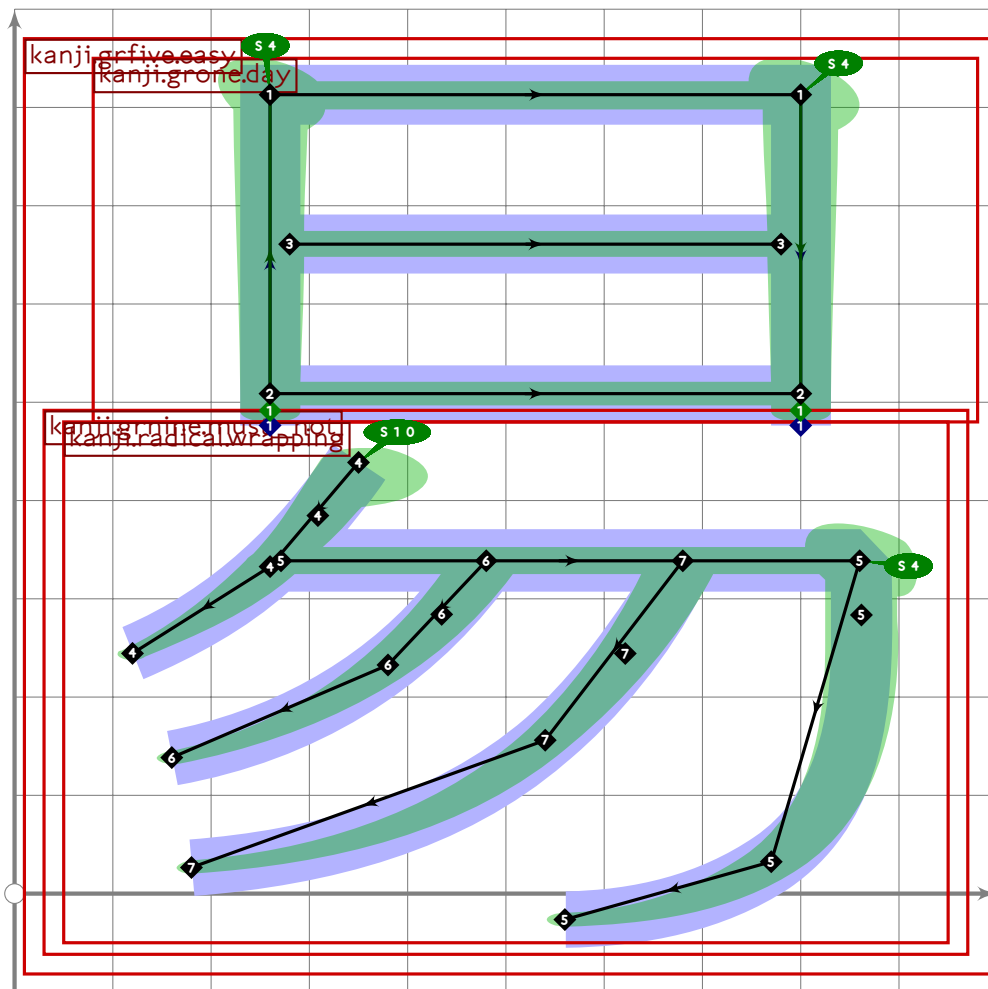
```

116
117 vardef kanji.grfive.detain =
118   push_pbox_toexpand("kanji.grfive.detain");
119   build_kanji.level(build_kanji.tb(420,20)
120     (build_kanji.lr(480,40)
121       (kanji.toprad.detain)
122       (kanji.grtwo.sword))
123     (kanji.grone.paddy));
124   expand_pbox;
125 enddef;

```




FIVE

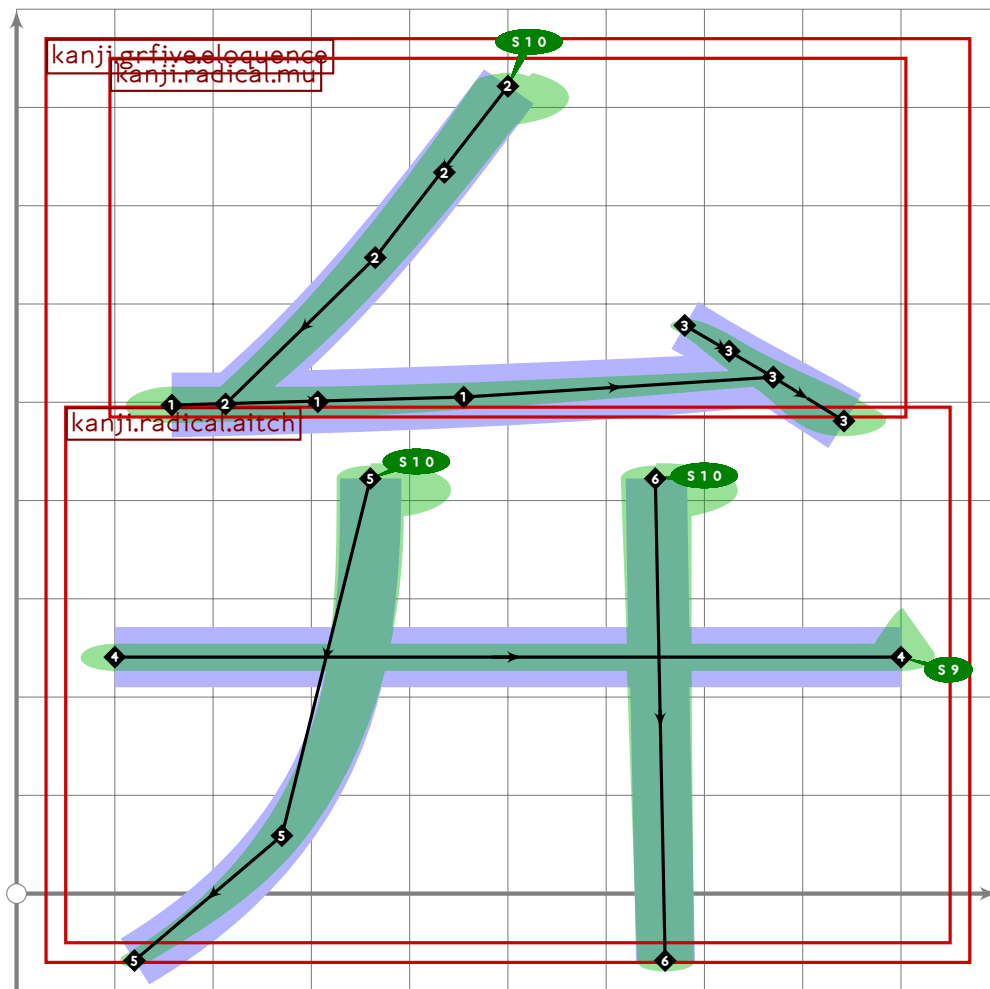


FIVE

```

134
135 vardef kanji.grfive.easy =
136   push_pbox_toexpand("kanji.grfive.easy");
137   build_kanji.tb(480,0)
138     (tsu_xform(identity shifted (30,0))(kanji.grone.day))
139     (kanji.grnine.must_not);
140   expand_pbox;
141 enddef;

```



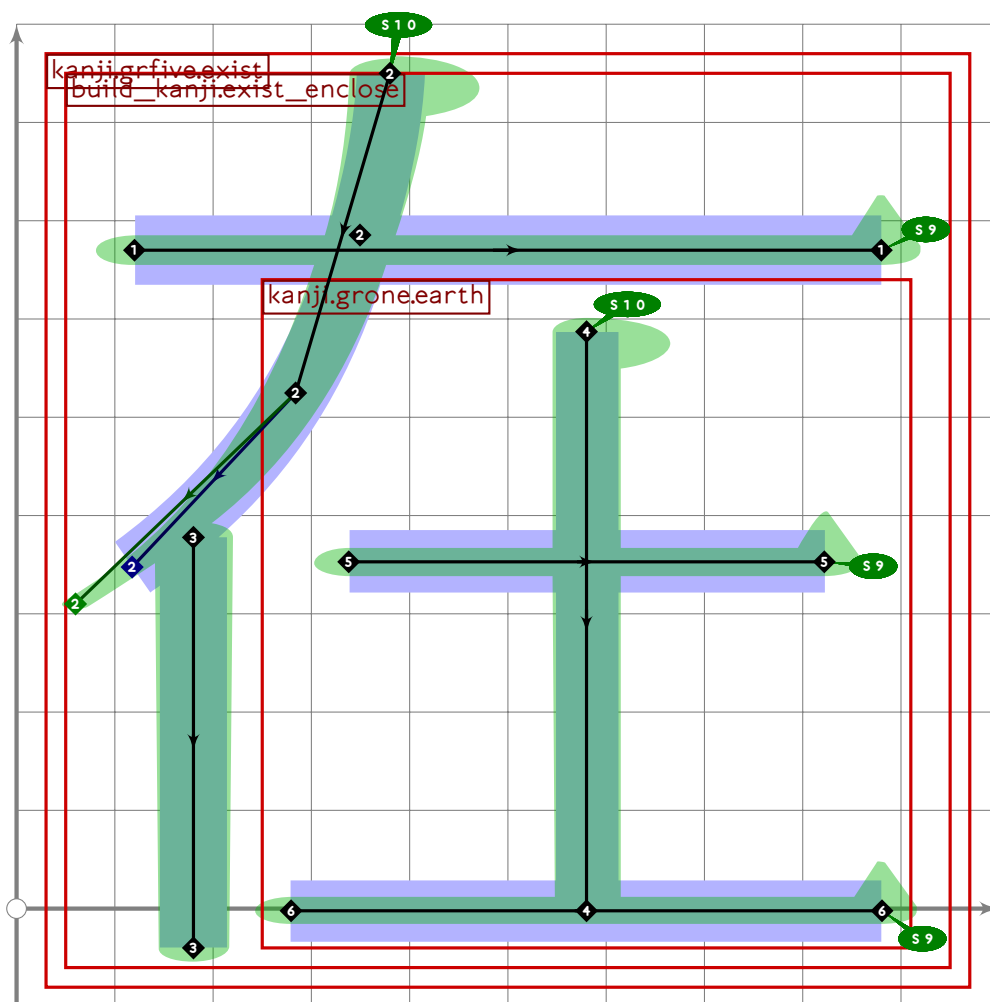
FIVE

```

142
143 vardef kanji.grfive.eloquence =
144   push_pbox_toexpand("kanji.grfive.eloquence");
145   build_kanji.level(build_kanji.tb(490,10)
146     (build_kanji.sscale(xscaled 0.90)(kanji.radical.mu))
147     (kanji.radical.aitch));
148   expand_pbox;
149 enddef;

```

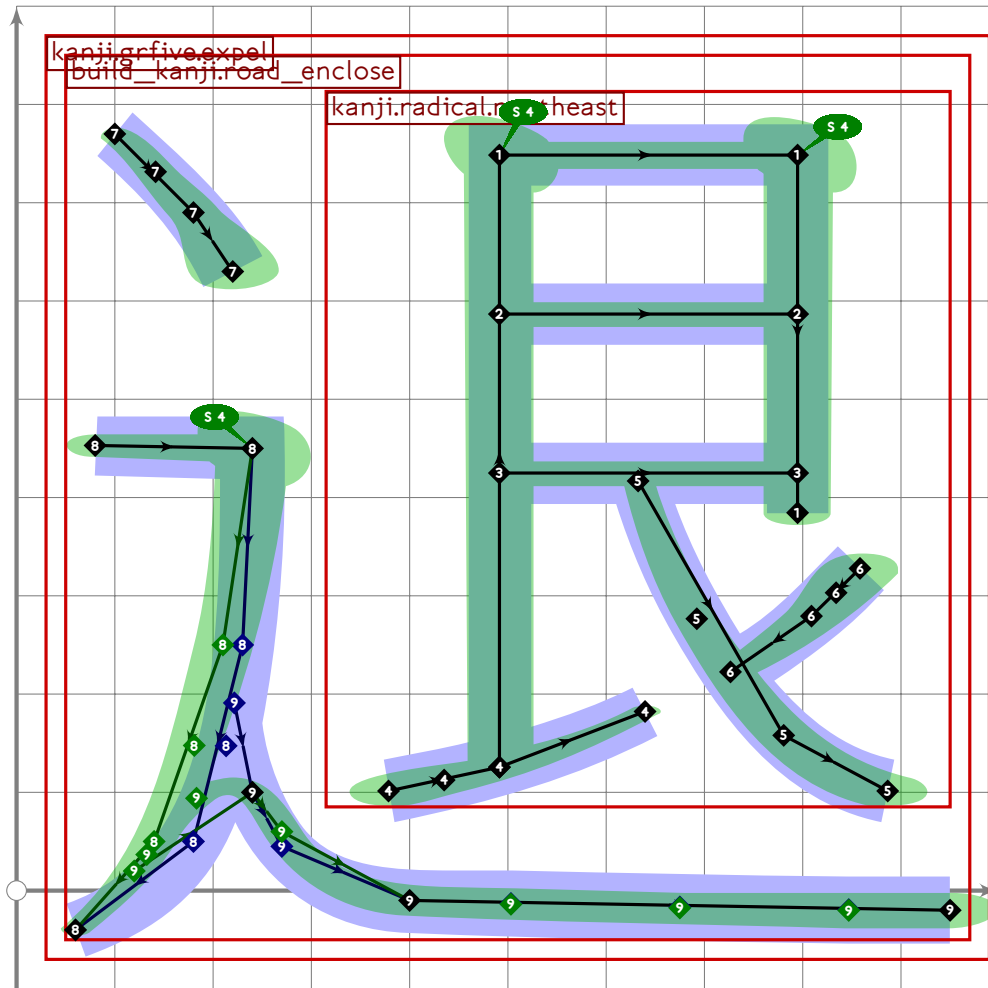
FIVE



```

150
151 vardef kanji.grfive.exist =
152   push_pbox_toexpand("kanji.grfive.exist");
153   build_kanji.exist_enclose(kanji.grone.earth);
154   expand_pbox;
155 enddef;

```

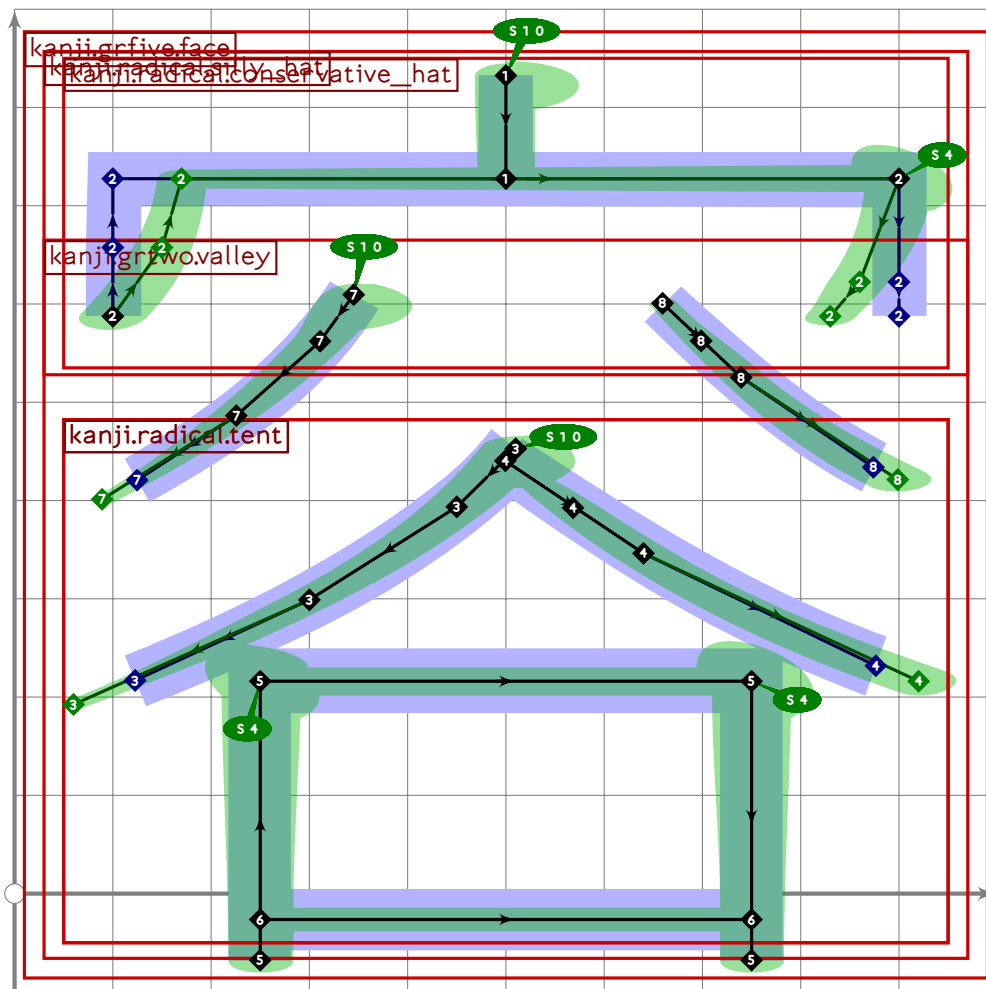


FIVE

```

156
157 vardef kanji.grfive.expel =
158   push_pbox_toexpand("kanji.grfive.expel");
159   build_kanji.road_enclose(build_kanji.sscale(yscaled 0.91)
160     (kanji.radical.northeast));
161   expand_pbox;
162 enddef;

```

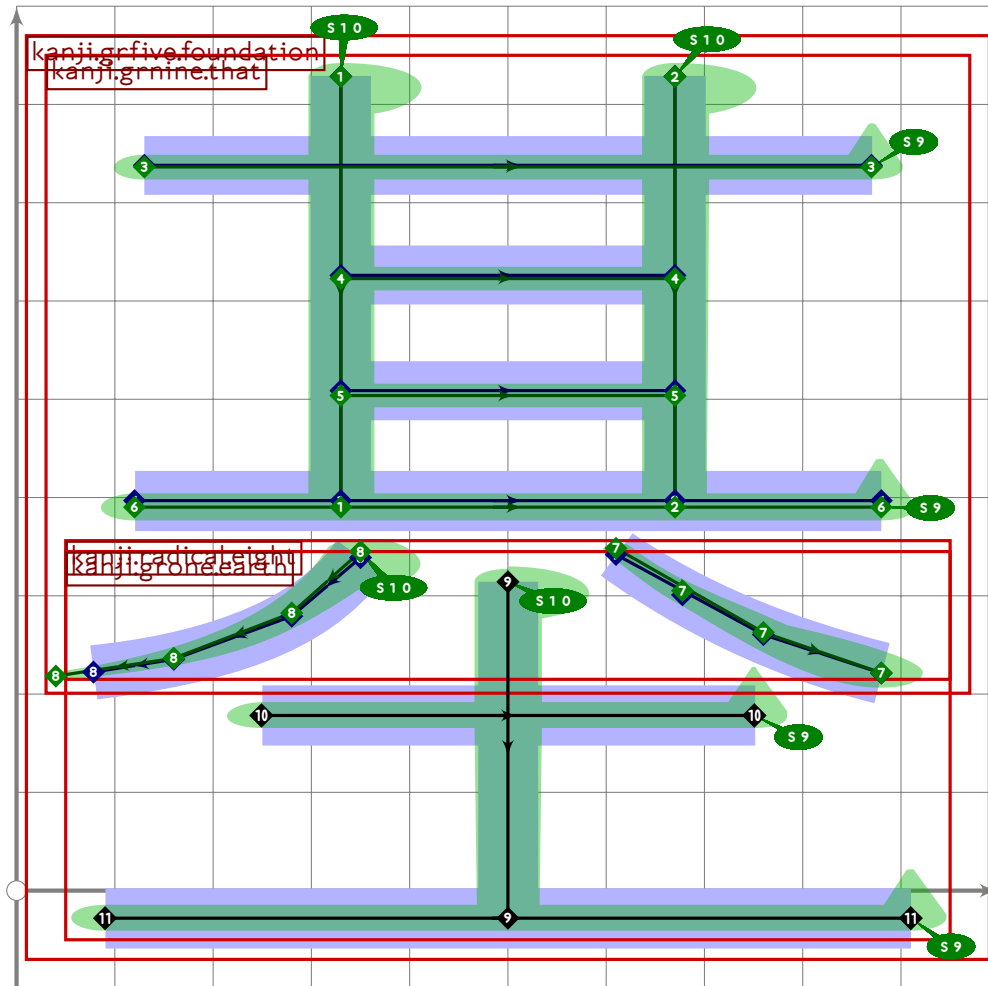


FIVE

```

163
164 vardef kanji.grfive.face =
165   push_pbox_toexpand("kanji.grfive.face");
166   build_kanji.tb(600,130)
167     (kanji.radical.silly_hat)
168     (kanji.grtwo.valley);
169   expand_pbox;
170 enddef;

```

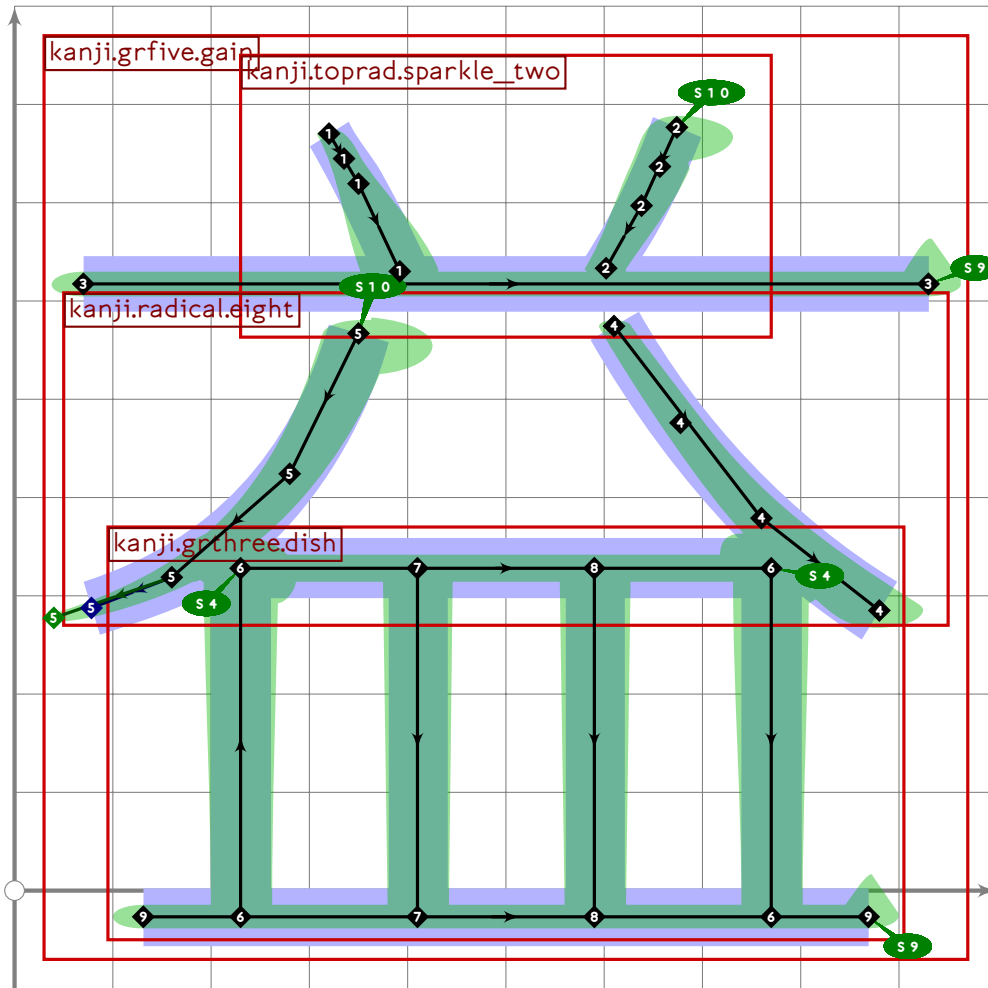


FIVE

```

171
172 vardef kanji.grfive.foundation =
173   push_pbox_toexpand("kanji.grfive.foundation");
174   build_kanji.level(build_kanji.tb(280,130)
175     (kanji.grnine.that)
176     (kanji.grone.earth;
177       replace_stroke(-1)(subpath (0,12,0,88) of oldp)));
178   expand_pbox;
179 enddef;

```

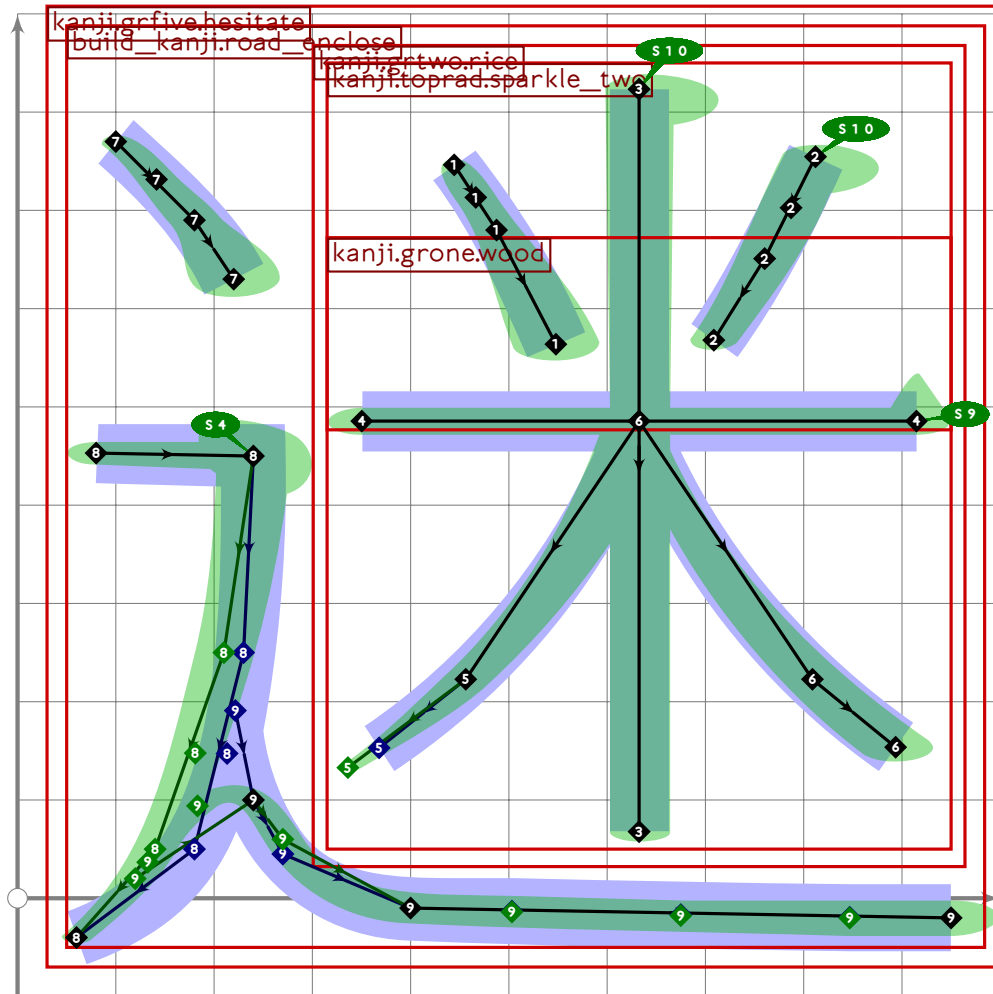


FIVE

```

180
181 vardef kanji.grfive.gain =
182   push_pbox__toexpand("kanji.grfive.gain");
183   build_kanji.tb(320,100)
184     (build_kanji.tb(440,70)
185       (build_kanji.sscale(xscaled 0.6)(kanji.toprad.sparkle_two);
186         push_stroke((70,120)-(930,120),(1.6,1.6)-(1.6,1.6));
187         set_boserif(0,19))
188       (kanji.radical.eight))
189     (build_kanji.sscale(xscaled 0.9)(kanji.grthree.dish));
190   expand_pbox;
191 enddef;

```

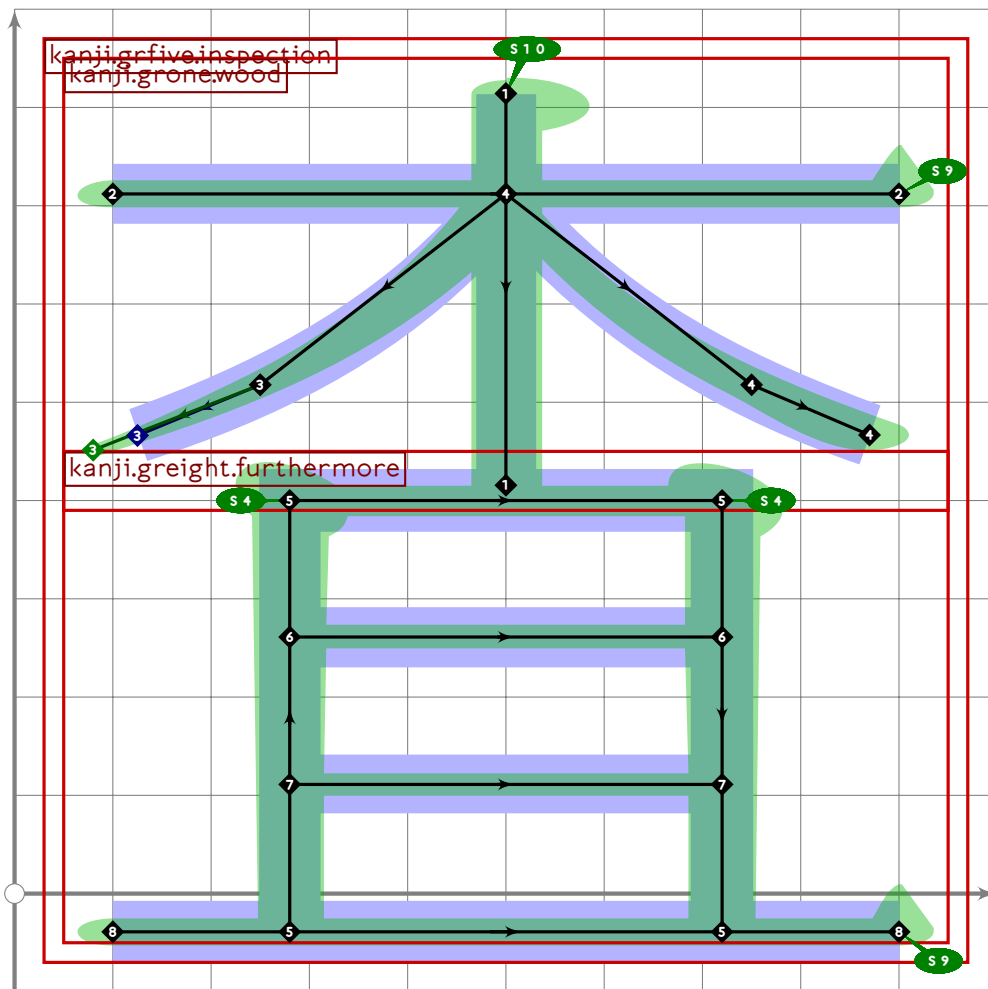
FIVE

```

192
193 vardef kanji.grfive.hesitate =
194   push_pbox_toexpand("kanji.grfive.hesitate");
195   build_kanji.road_enclose(kanji.grtwo.rice);
196   expand_pbox;
197 enddef;

```

U+67FB
tsuku.uni67FB

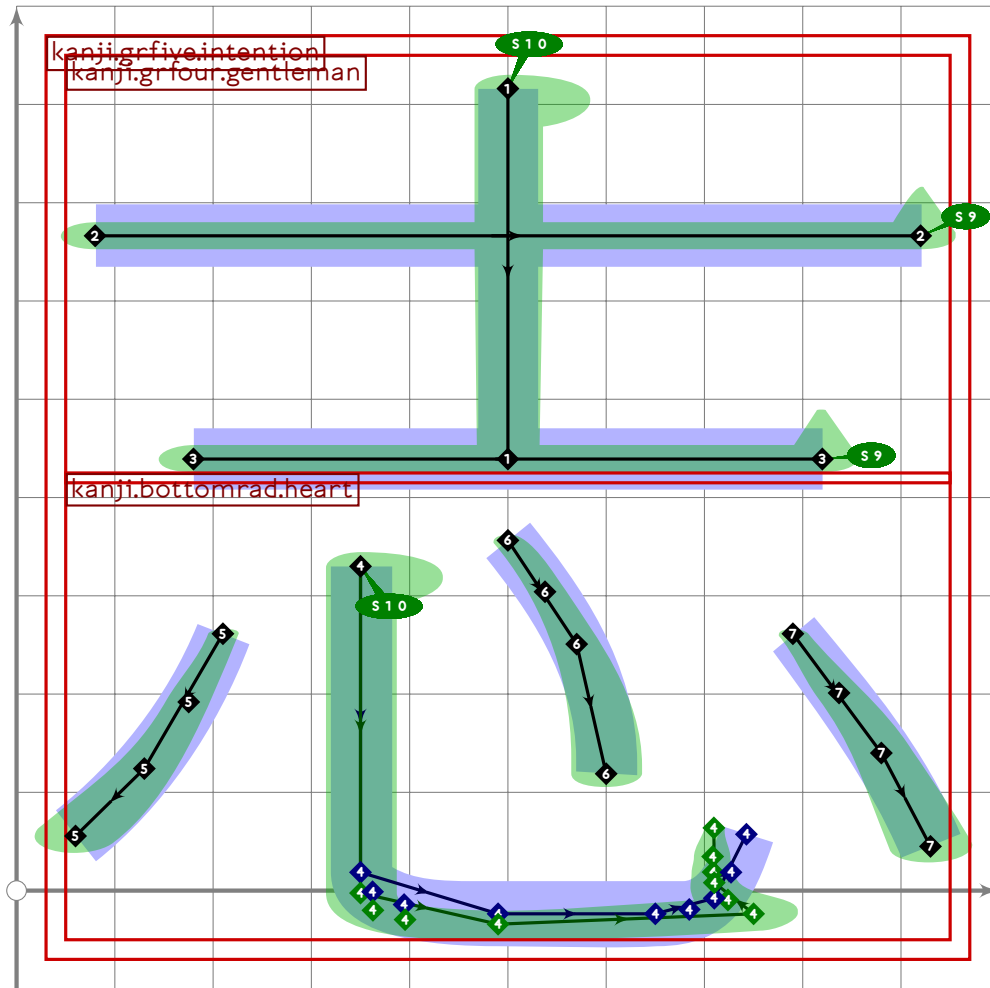


FIVE

```

198
199 vardef kanji.grfive.inspection =
200   push_pbox__toexpand("kanji.grfive.inspection");
201   build_kanji.level(build_kanji.tb(420,60)
202     (kanji.gronewood)
203     (kanji.greight.furthermore));
204   expand_pbox;
205 enddef;

```



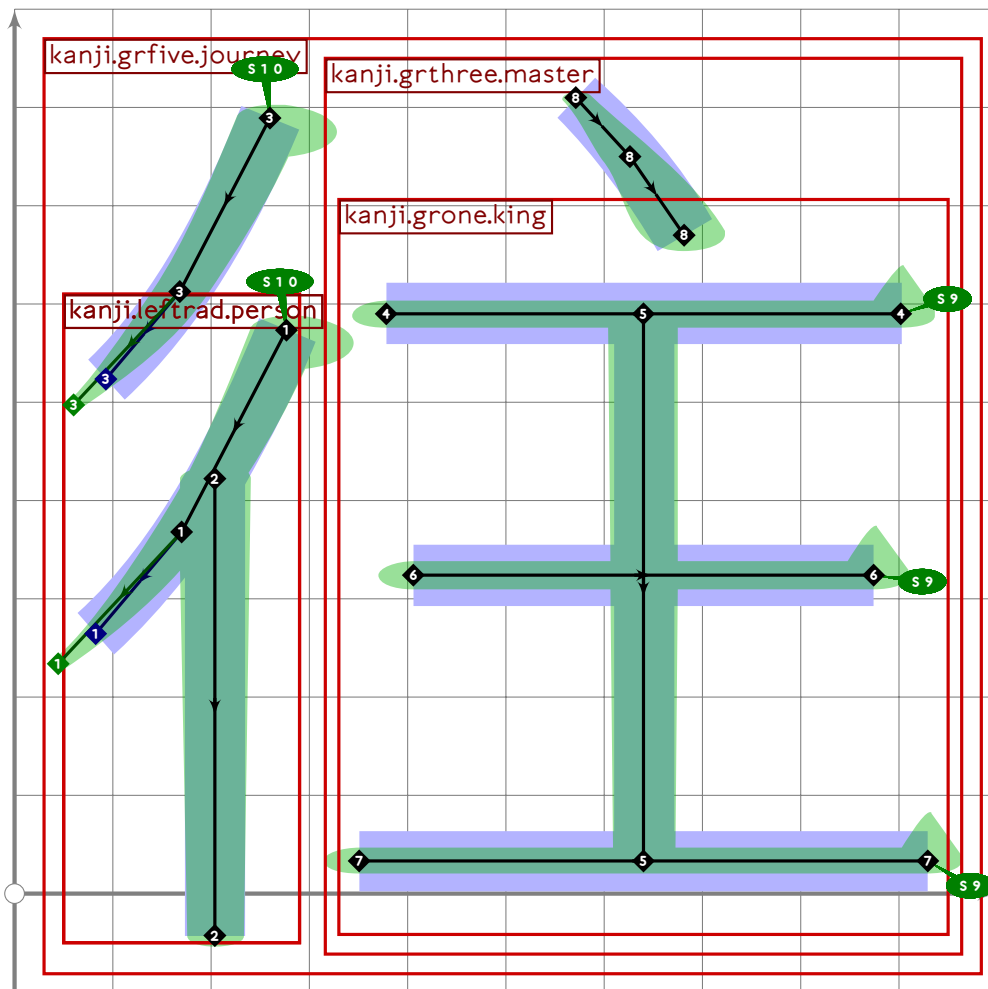
```

206
207 vardef kanji.grfive.intention =
208   push_pbox_toexpand("kanji.grfive.intention");
209   build_kanji.level(build_kanji.tb(420,10)
210     (kanji.grfour.gentleman)
211     (kanji.bottomrad.heart));
212   expand_pbox;
213 enddef;

```

FIVE

U+5F80
tsuku.uni5F80

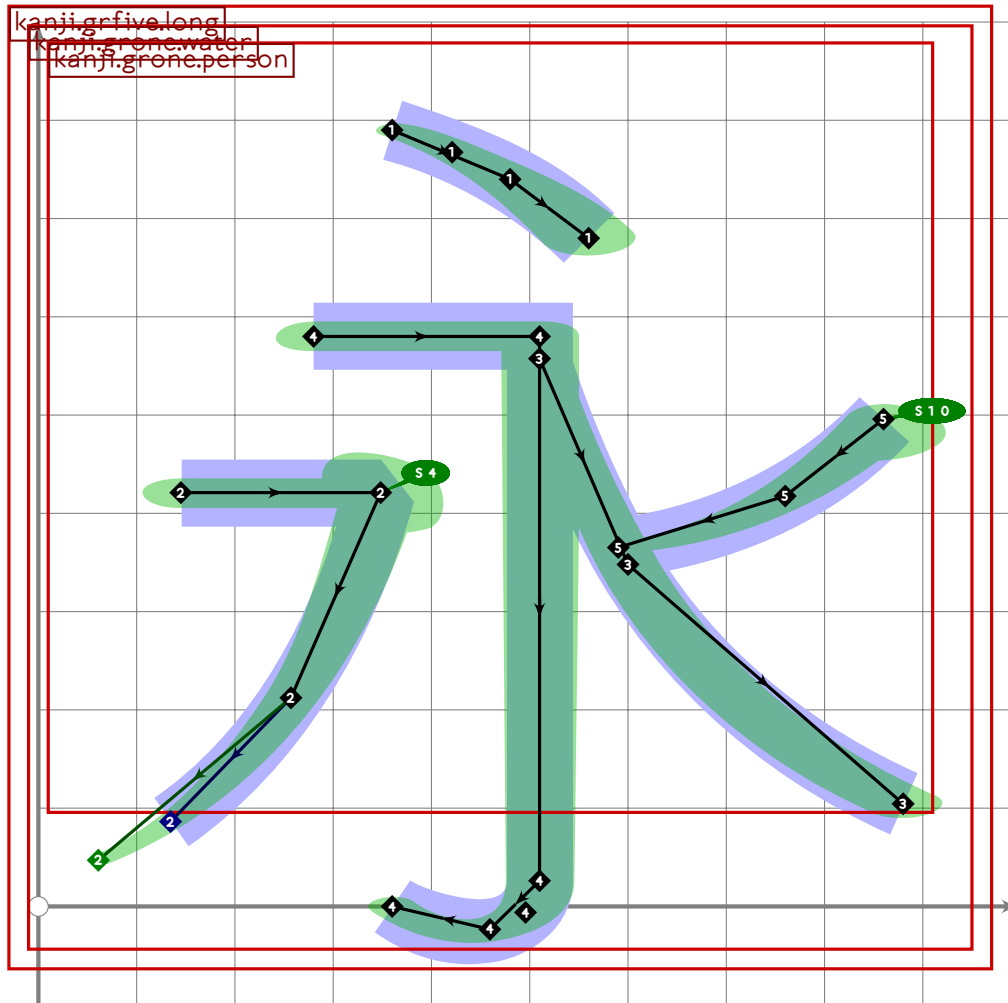


FIVE

```

214
215 vardef kanji.grfive.journey =
216   push_pbox_toexpand("kanji.grfive.journey");
217   build_kanji.level(build_kanji.lr(310,-40)
218     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
219     (kanji.grthree.master));
220   expand_pbox;
221 enddef;

```

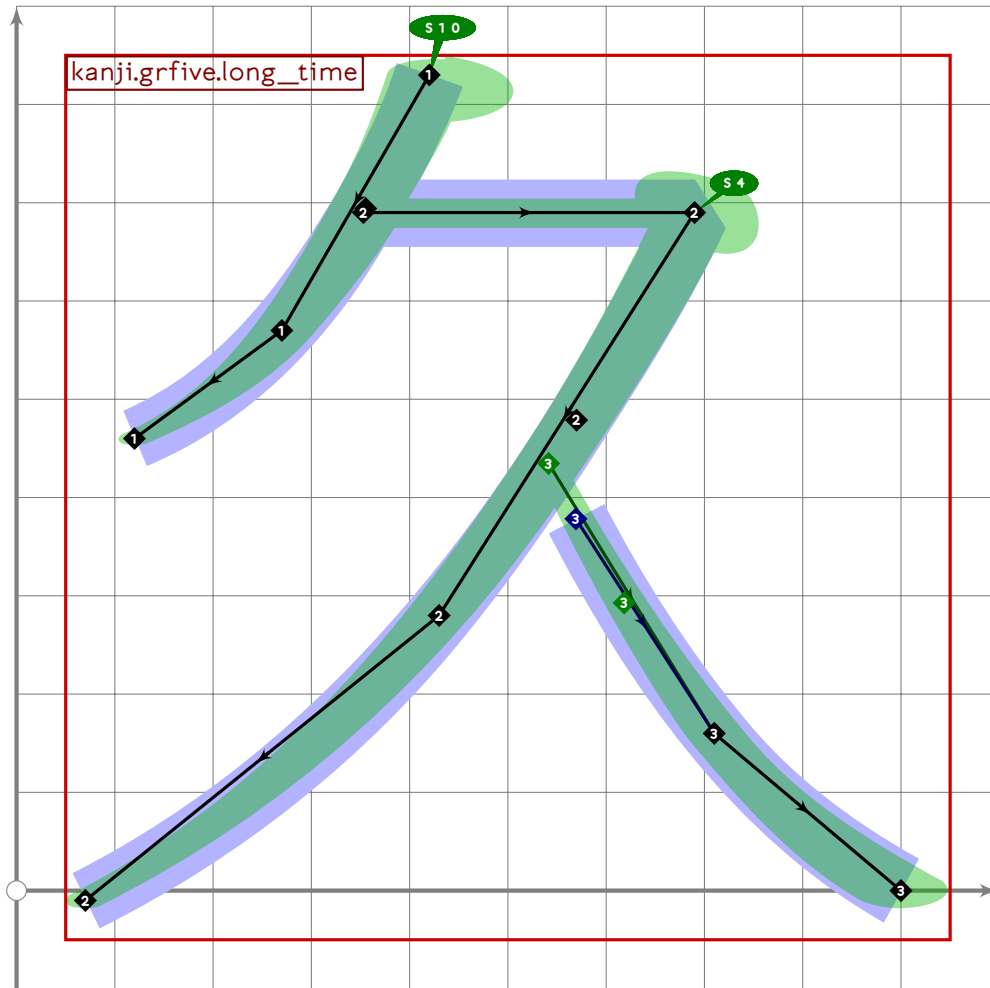


FIVE

```

222
223 vardef kanji.grfive.long =
224   push_pbox__toexpand("kanji.grfive.long");
225   push_stroke((360,790)..tension 1.2..(480,740)..(560,680),
226     (1,1)–(1.5,1.5)–(1.8,1.8));
227   tsu_xform(identity yscaled 0.87)(kanji.gronewater);
228   replace_strokep(3)(oldp shifted (0,-40));
229   replace_strokep(1)((280,580)–(510,580)–(subpath (1,infinity) of oldp));
230   replace_strokeq(1)((1.6,1.6)–oldq);
231   set_boserif(-1,0,whatever);
232   set_botip(-1,1,1);
233   expand_pbox;
234 enddef;

```

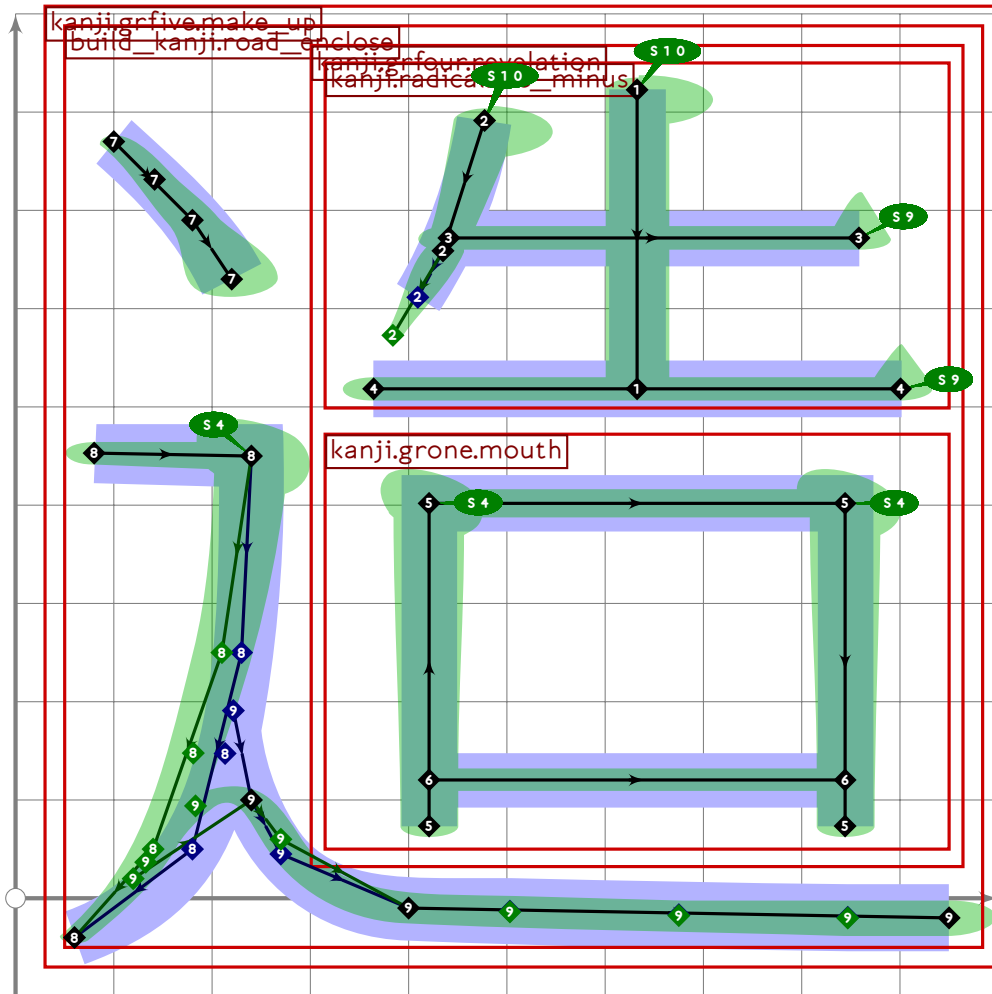


FIVE

```

235
236 vardef kanji.grfive.long_time =
237   push_pbox_toexpand("kanji.grfive.long_time");
238   push_stroke((420,830)..tension 1.2..(270,570)..(120,460),
239     (1.7,1.7)-(1.4,1.4)-(1,1));
240   set_boserif(0,0,10);
241   push_stroke((get_stroke(0) intersectionpoint ((0,690)-(1000,690)))-(
242     (690,690)..tension 1.2..(430,280)..(70,-10),
243     (1.5,1.5)-(1.6,1.6)-(1.4,1.4)-(1.1,1.1));
244   set_boserif(0,14);
245   set_botip(0,1,0);
246   push_stroke((point 1.60 of get_stroke(0))..tension 1.2..
247     (710,160)..(900,0),
248     (0.92,0.92)-(1.3,1.3)-(1.8,1.8));
249   expand_pbox;
250 enddef;

```



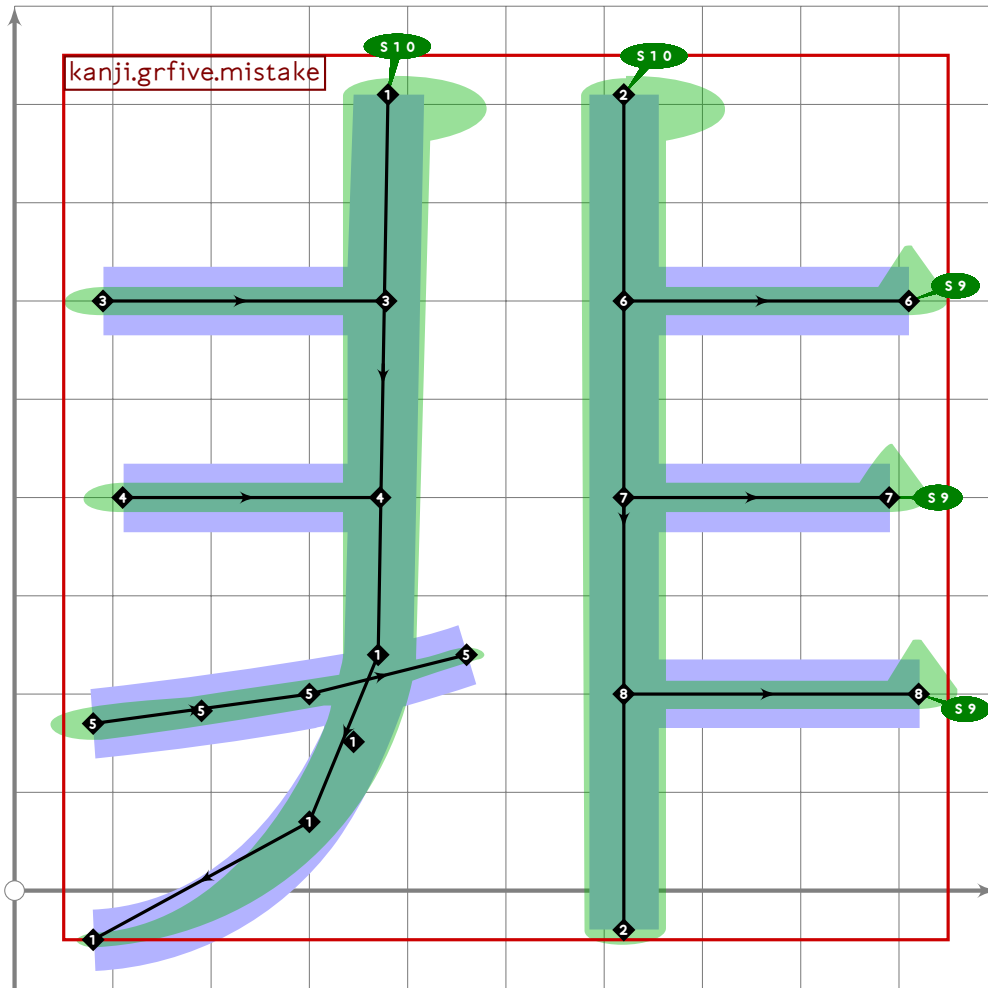
FIVE

```

251
252 vardef kanji.grfive.make_up =
253   push_pbox_toexpand("kanji.grfive.make_up");
254   build_kanji.road_enclose(kanji.grfour.revelation);
255   expand_pbox;
256 enddef;

```

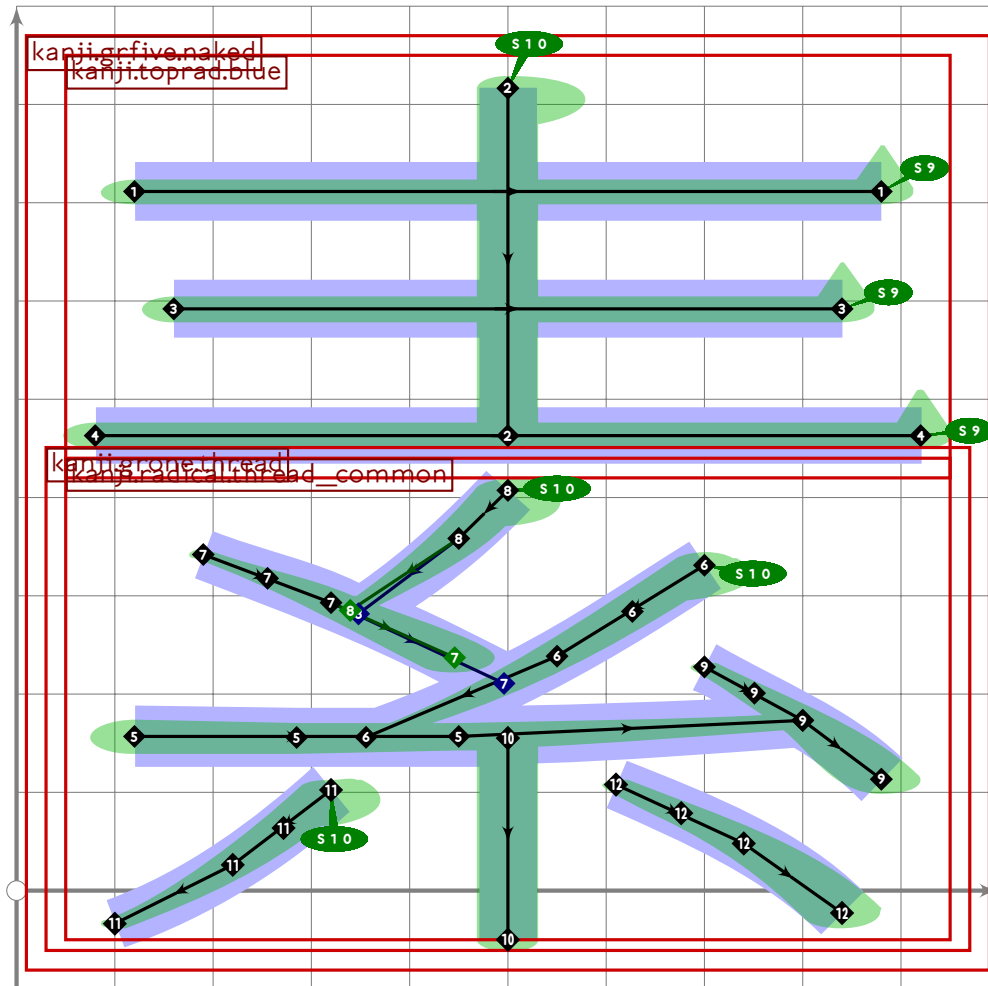
FIVE



```

257
258 vardef kanji.grfive.mistake =
259   push_pbox_toexpand("kanji.grfive.mistake");
260   push_stroke((380,810)-(370,240){dir 266}..tension 1.2..(300,70)..(80,-50),
261     (1.7,1.7)-(1.55,1.55)-(1.44,1.44)-(1,1));
262   set_boserif(0,0,10);
263   push_stroke((620,810)-(620,-40),(1.7,1.7)-(1.6,1.6));
264   set_boserif(0,0,10);
265   push_stroke((90,600)-(378,600),(1.6,1.6)-(1.6,1.6));
266   push_stroke((110,400)-(372,400),(1.6,1.6)-(1.6,1.6));
267   push_stroke((80,170)..tension 1.2..(300,200)..(460,240),
268     (1.7,1.7)-(1.5,1.5)-(1,1));
269   push_stroke((620,600)-(910,600),(1.6,1.6)-(1.6,1.6));
270   set_boserif(0,1,9);
271   push_stroke((620,400)-(890,400),(1.6,1.6)-(1.6,1.6));
272   set_boserif(0,1,9);
273   push_stroke((620,200)-(920,200),(1.6,1.6)-(1.6,1.6));
274   set_boserif(0,1,9);
275   expand_pbox;
276 enddef;

```

FIVE

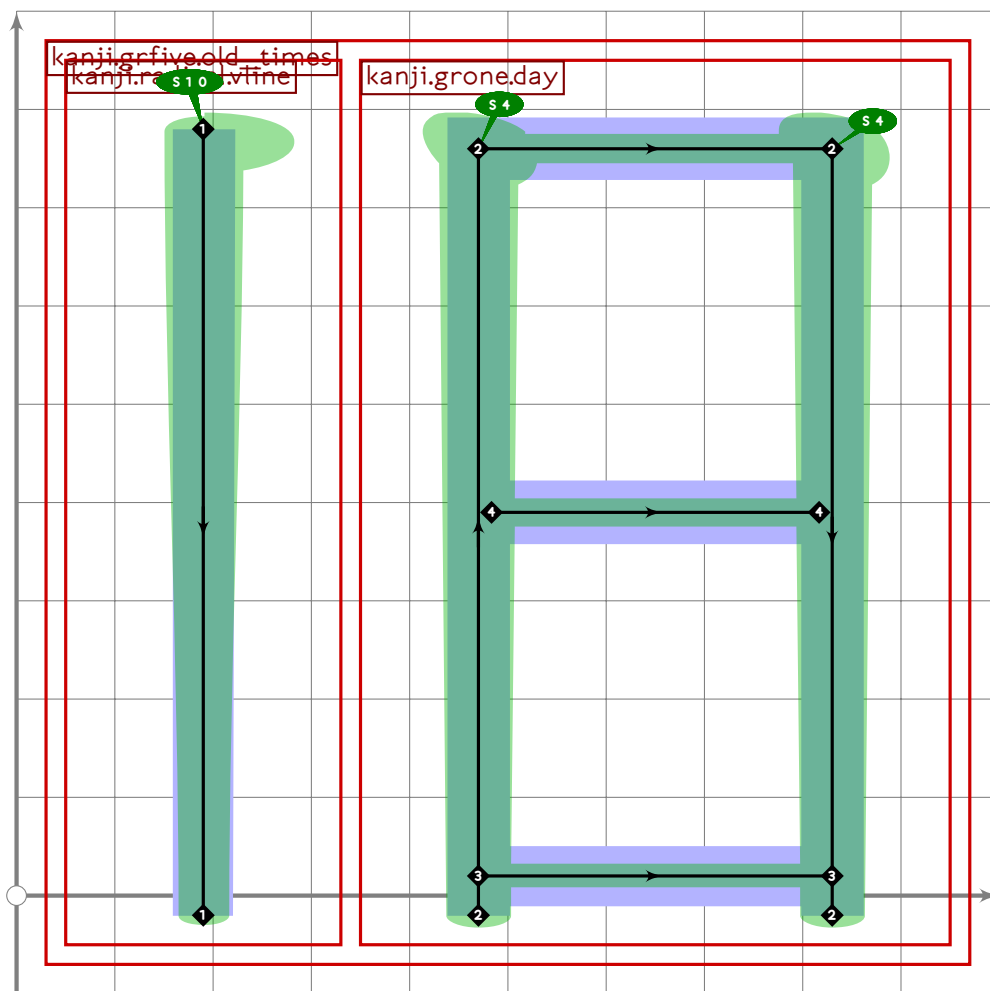
```

277
278 vardef kanji.grfive.naked =
279   push_pbox_toexpand("kanji.grfive.naked");
280   build_kanji.level(build_kanji.tb(430,20)
281     (kanji.toprad.blue)
282     (kanji.grone.thread));
283   expand_pbox;
284 enddef;

```

U+65E7
tsuku.uni65E7

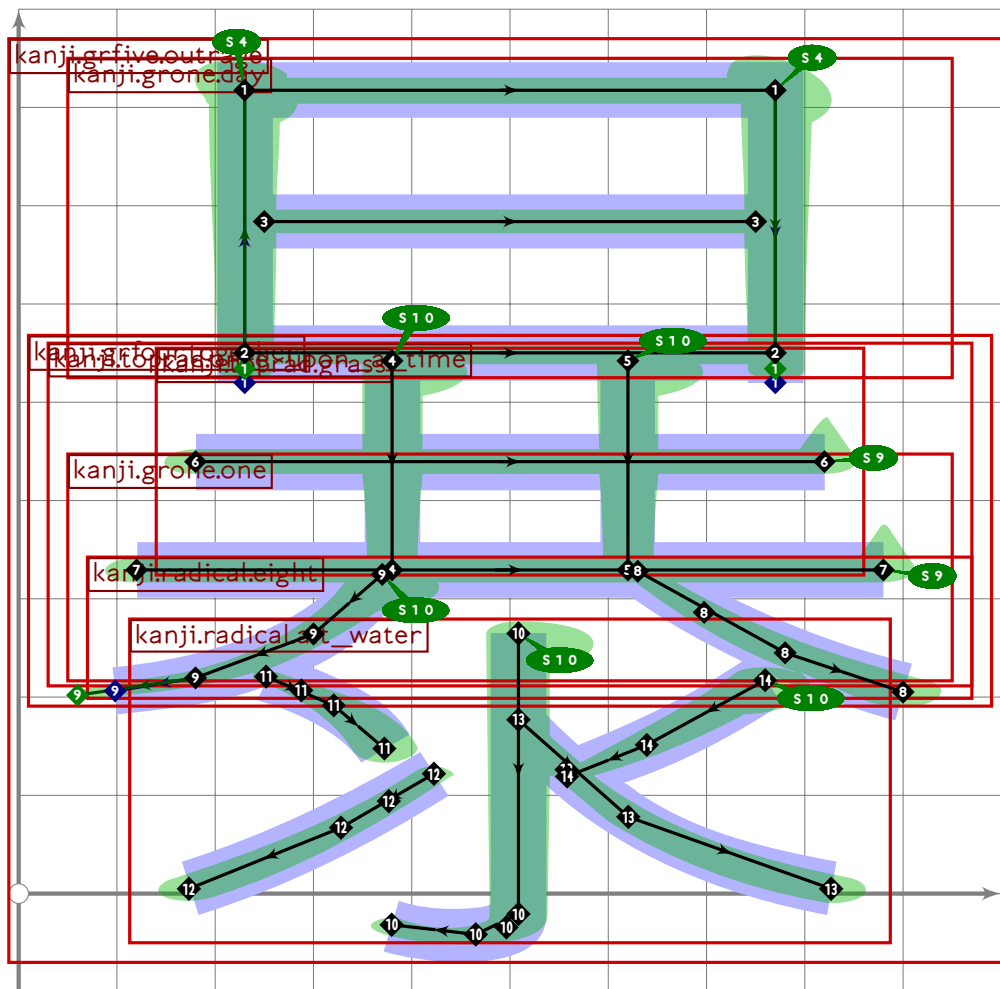
FIVE



```

285
286 vardef kanji.grfive.old_times =
287   push_pbox_toexpand("kanji.grfive.old_times");
288   build_kanji.level(build_kanji.lr(340;20)
289     (kanji.radical.vline)
290     (kanji.grone.day));
291   expand_pbox;
292 enddef;

```



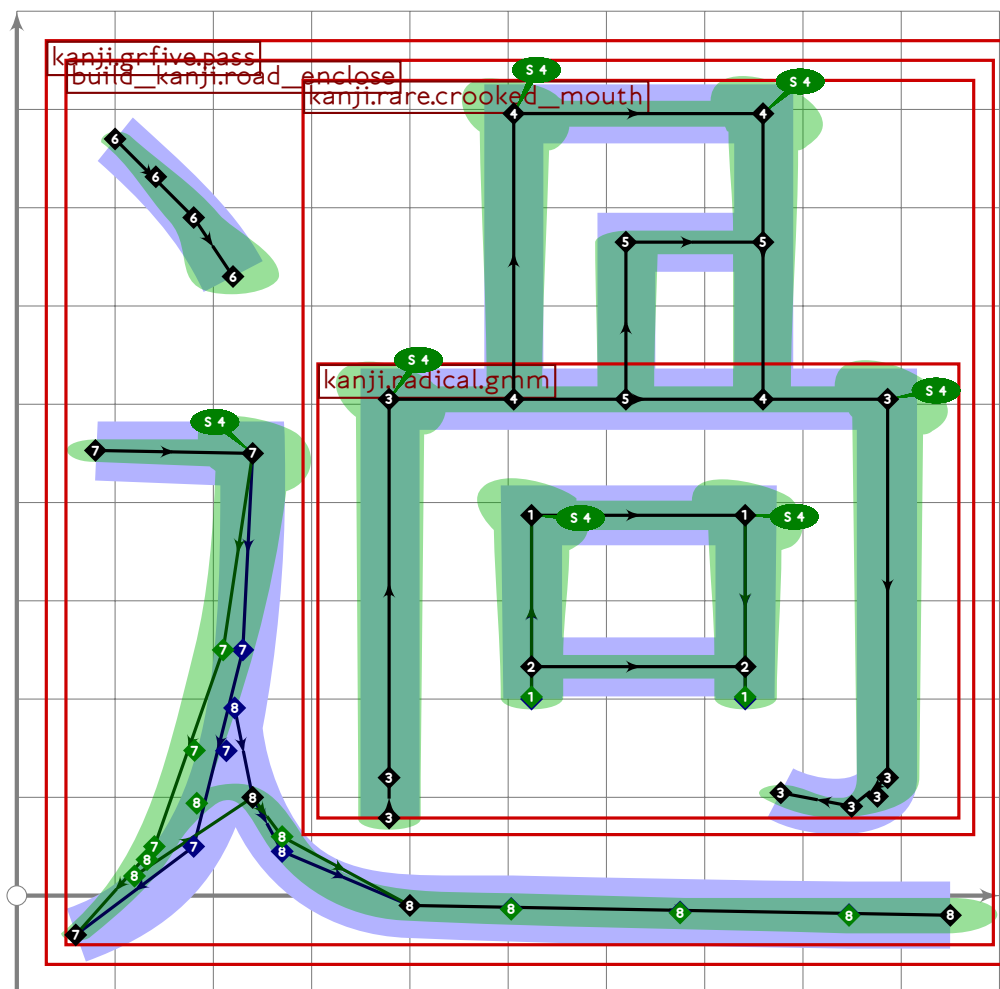
FIVE

```

293
294 vardef kanji.grfive.outrage =
295   push_pbox_toexpand("kanji.grfive.outrage");
296   build_kanji.level(build_kanji.tb(540,30)
297     (kanji.grone.day)
298     (build_kanji.tb(380,120)
299       (kanji.grfour.together)
300       (build_kanji.sscale(xscaled 0.86)(kanji.radical.alt_water);
301         replace_stroke(-3)(oldp shifted (70,90));
302         replace_stroke(0)(oldp shifted (-50,90))));
303   expand_pbox;
304 enddef;

```

U+904E
tsuku.uni904E

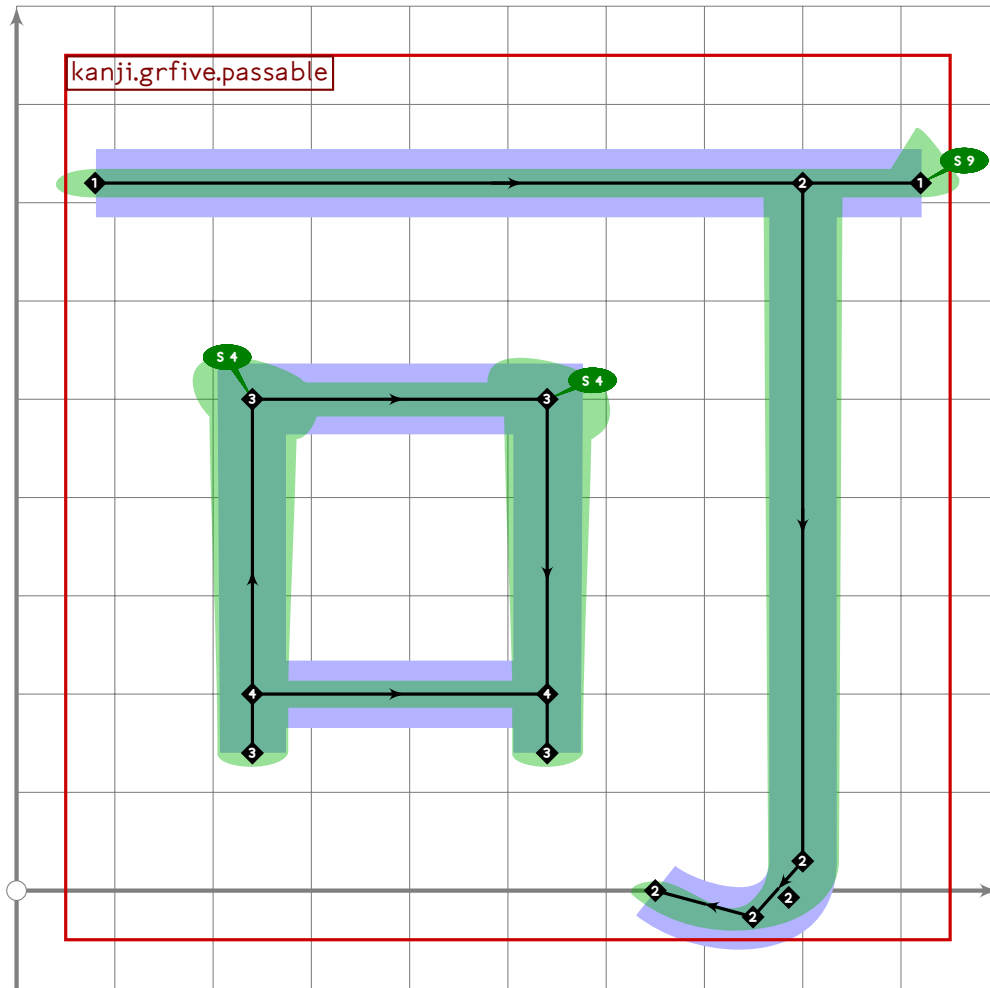


FIVE

```

305
306 vardef kanji.grfive.pass =
307   push_pbox_toexpand("kanji.grfive.pass");
308   build_kanji.road_enclose(build_kanji.sscale
309     (xyscaled (1.07,0.95))
310     (kanji.rare.crooked_mouth));
311   expand_pbox;
312 enddef;

```



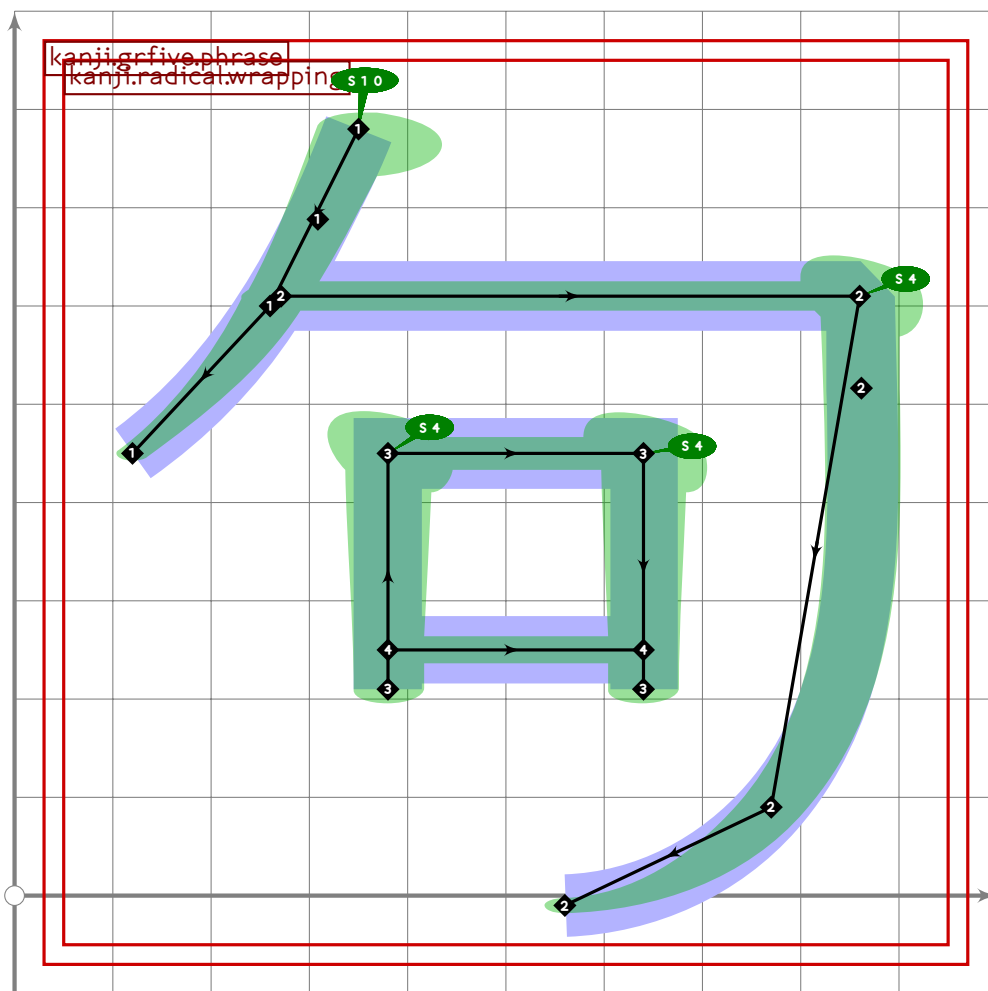
FIVE

```

313
314 vardef kanji.grfive.passable =
315   push_pbox__toexpand("kanji.grfive.passable");
316   push_stroke((80,720)–(920,720),
317     (1.6,1.6)–(1.6,1.6));
318   set_boserif(0,19);
319   push_stroke((800,720),
320     (1.6,1.6));
321   build_kanji.add__jtail(0);
322   build_kanji.box((240,500),(540,200));
323   expand_pbox;
324 enddef;

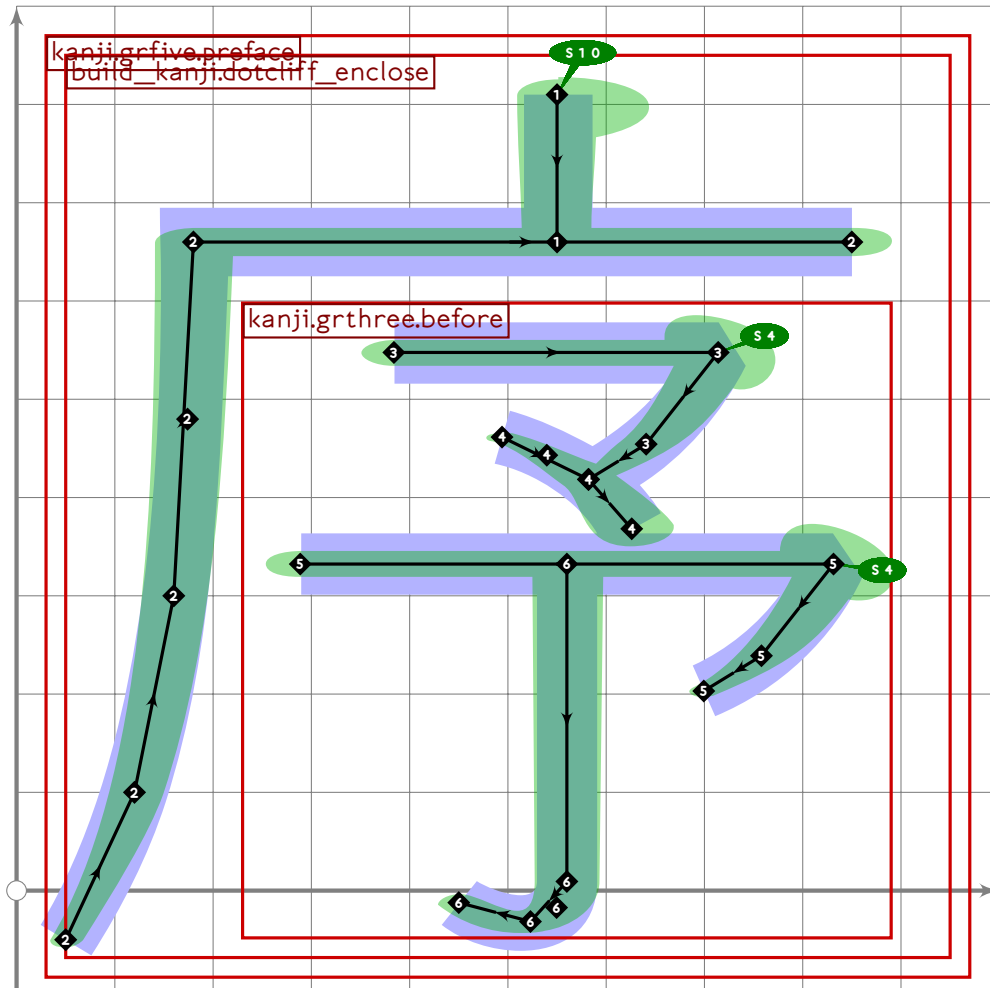
```

U+53E5
tsuku.uni53E5



FIVE

```
325  
326 vardef kanji.grfive.phrase =  
327   push_pbox__toexpand("kanji.grfive.phrase");  
328   kanji.radical.wrapping;  
329   build_kanji.box((380,450),(640,250));  
330   expand_pbox;  
331 enddef;
```



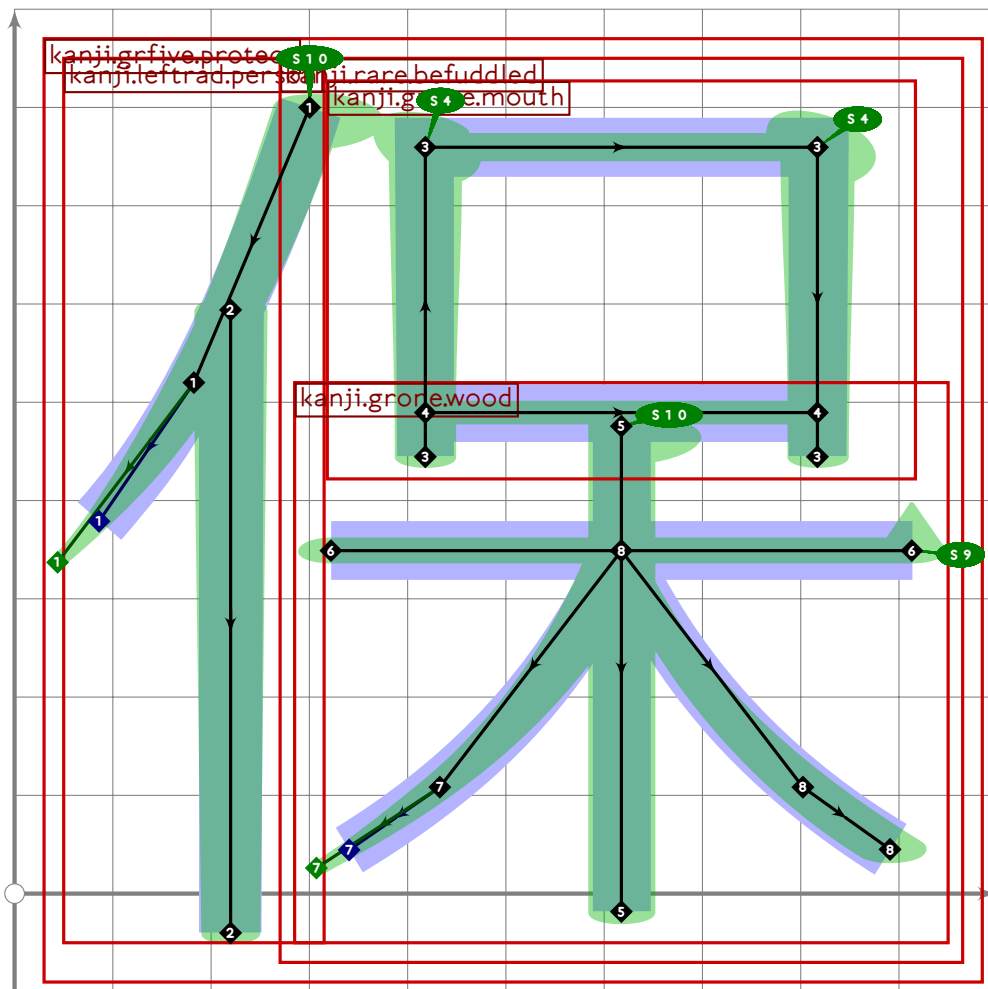
FIVE

```

332
333 vardef kanji.grfive.preface =
334   push_pbox__toexpand("kanji.grfive.preface");
335   build_kanji.dotcliff_enclose(tsu_xform(identity yscaled 0.95)
336     (kanji.grthree.before));
337   expand_pbox;
338 enddef;

```

U+4FDD
tsuku.uni4FDD

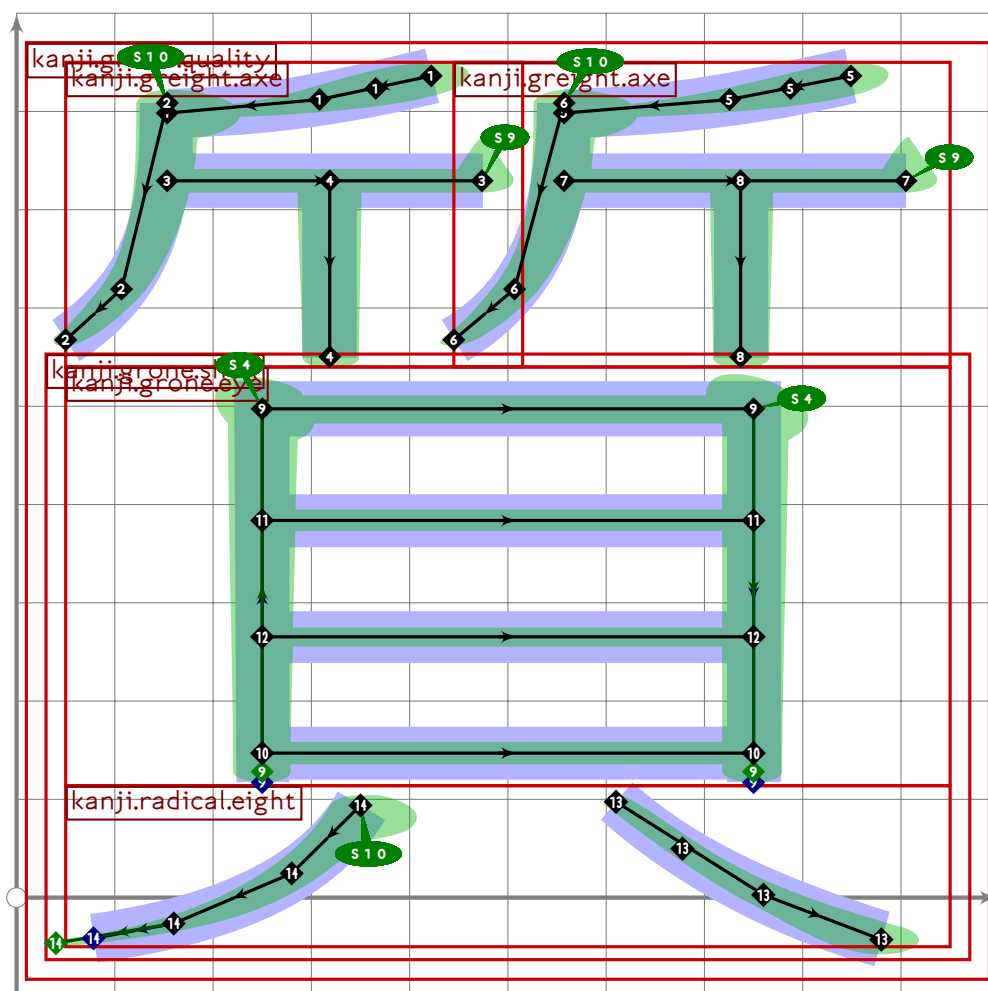


FIVE

```

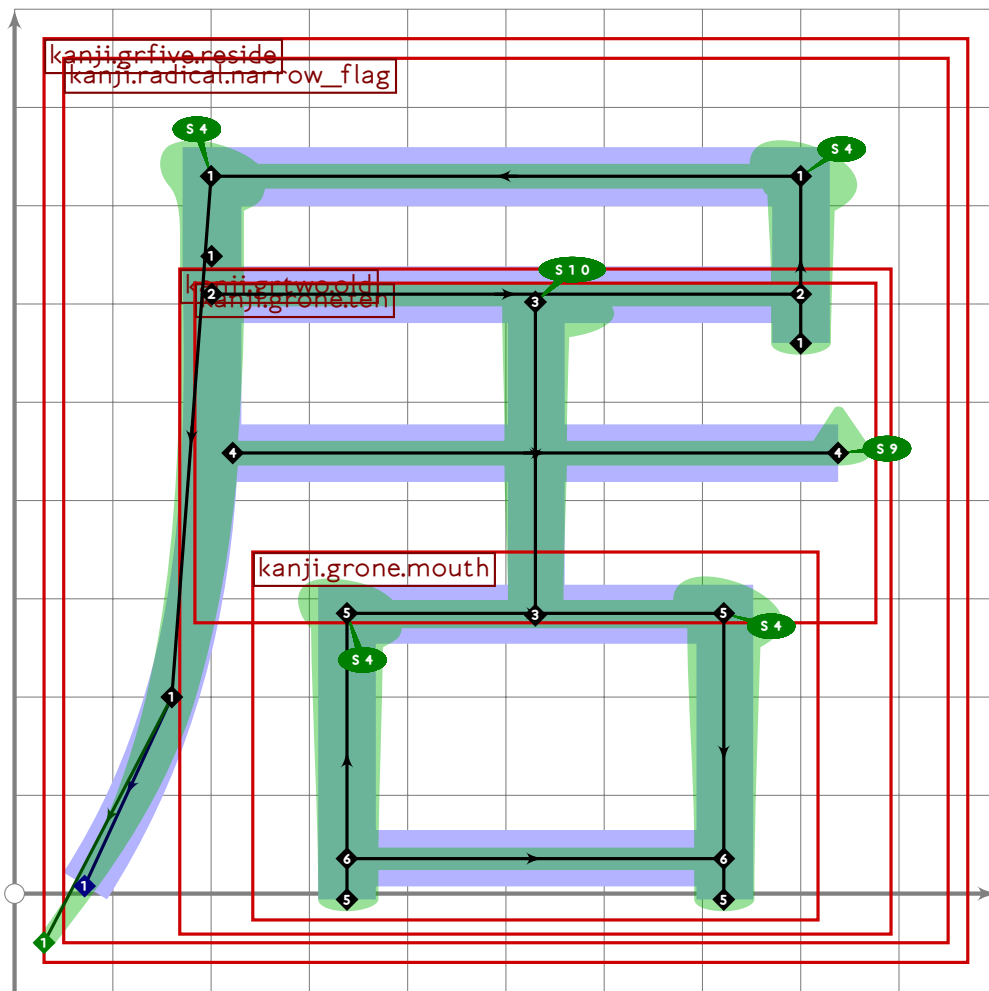
339
340 vardef kanji.grfive.protect =
341   push_pbox__toexpand("kanji.grfive.protect");
342   build_kanji.lr(300,30)
343     (kanji.leftrad.person)
344     (kanji.rare.befuddled);
345   expand_pbox;
346 enddef;

```

FIVE

U+5C45
tsuku.uni5C45

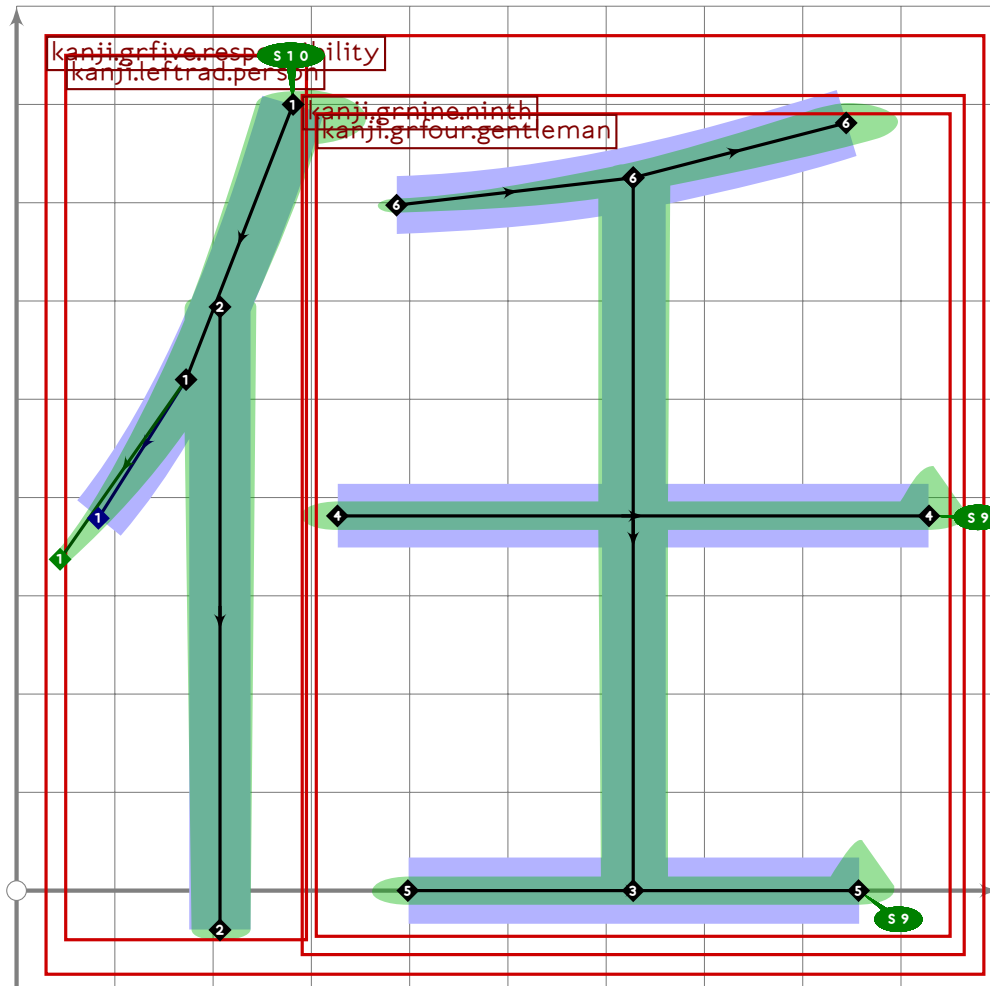


FIVE

```

357
358 vardef kanji.grfive.reside =
359   push__pbox_toexpand("kanji.grfive.reside");
360   build_kanji.level(
361     kanji.radical.narrow_flag;
362     build_kanji.sscale(xyscaled (0.77,0.72) shifted (30,-100))
363     (kanji.grtwo.old));
364   expand__pbox;
365 enddef;

```



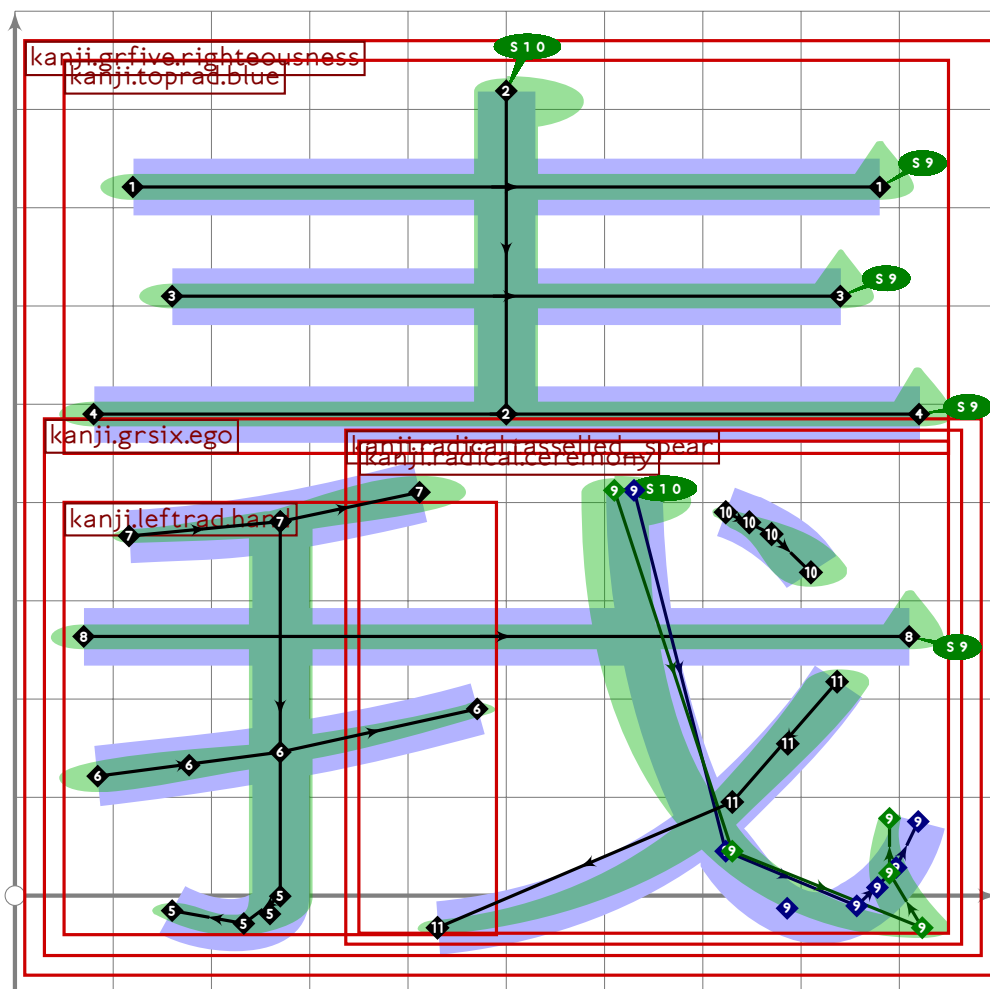
FIVE

```

366
367 vardef kanji.grfive.responsibility =
368   push_pbox_toexpand("kanji.grfive.responsibility");
369   build_kanji.lr(300,-10)
370     (kanji.leftrad.person)
371     (tsu_xform(identity yscaled 0.93)(kanji.grnine.ninth));
372   expand_pbox;
373 enddef;

```

U+7FA9
tsuku.uni7FA9

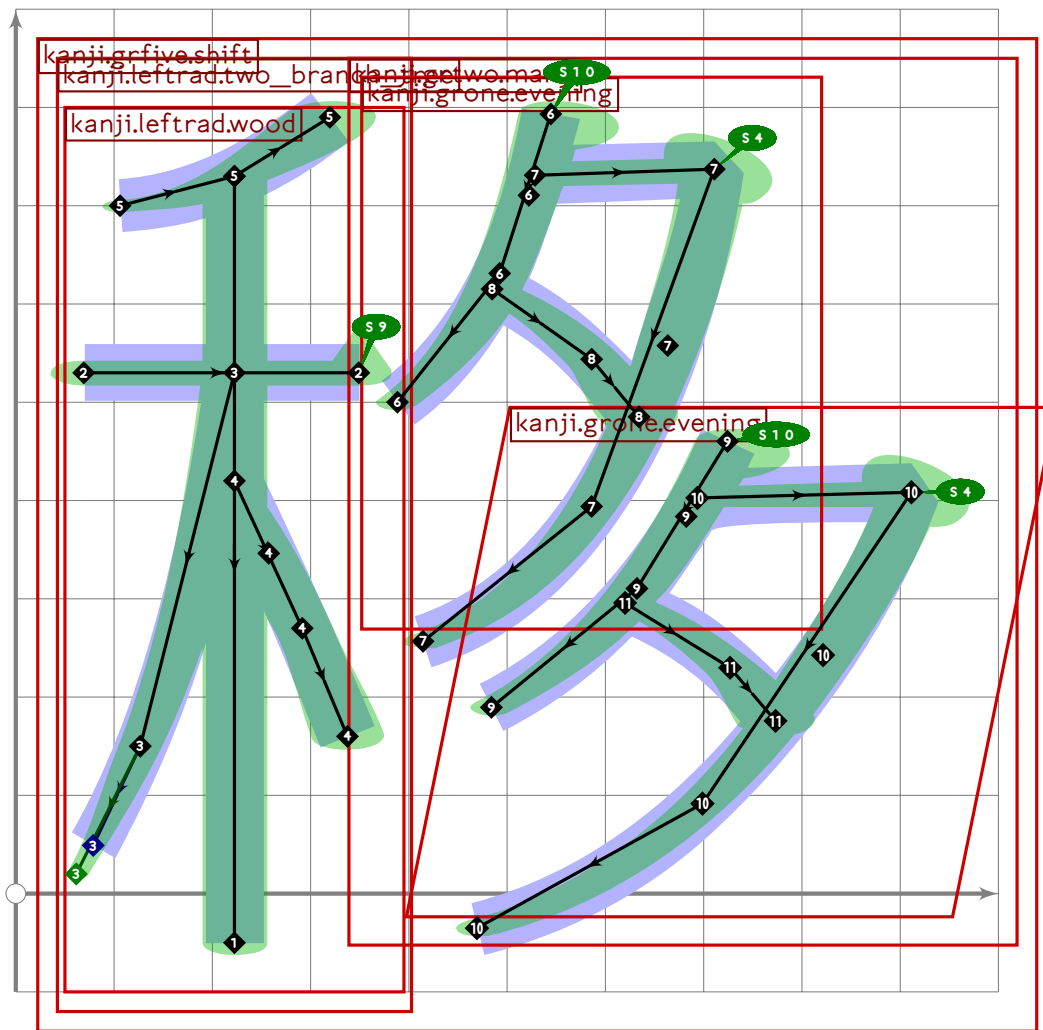


FIVE

```

374
375 vardef kanji.grfive.righteousness =
376   push_pbox_toexpand("kanji.grfive.righteousness");
377   build_kanji.level(build_kanji.tb(460,20)
378     (kanji.toprad.blue)
379     (kanji.grsix.ego));
380   expand_pbox;
381 enddef;

```



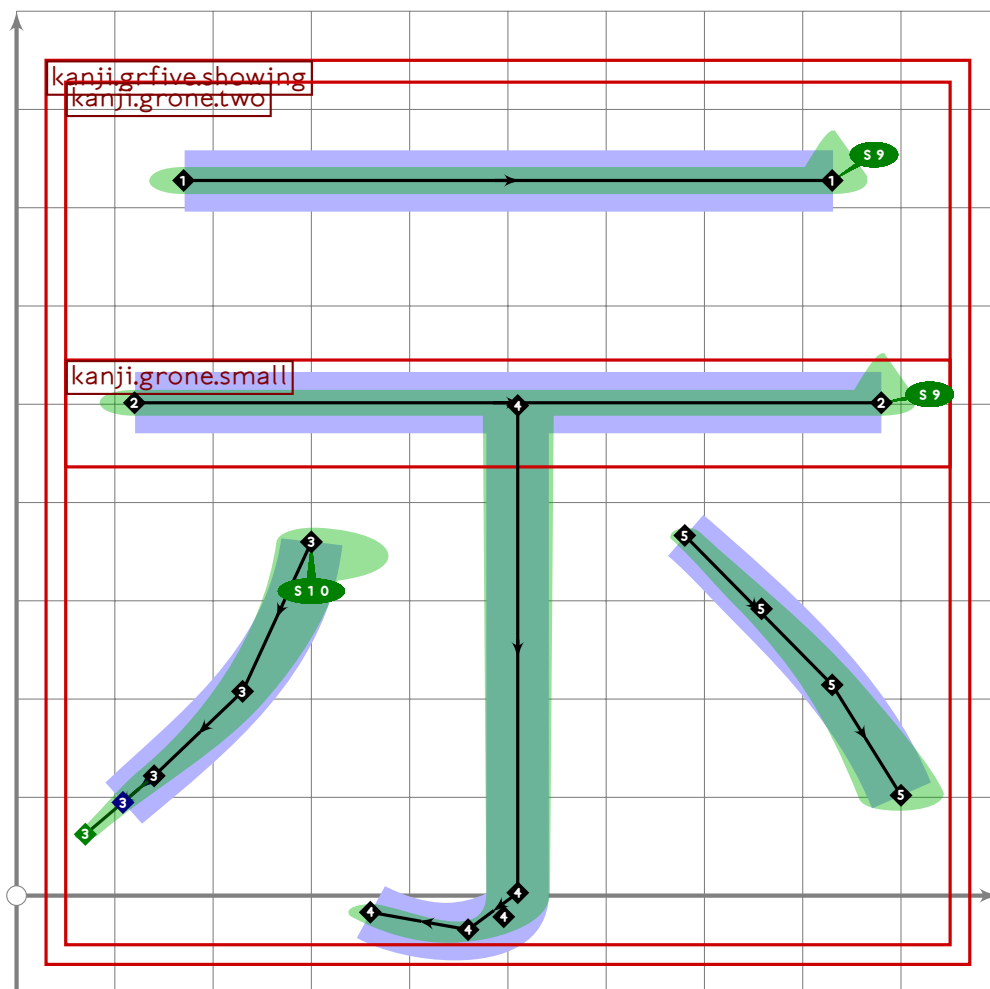
FIVE

```

382
383 vardef kanji.grfive.shift =
384   push_pbox_toexpand("kanji.grfive.shift");
385   build_kanji.level(build_kanji.lr(380,30)
386     (kanji.leftrad.two_branch_tree)
387     (build_kanji.sscale(yscaled 0.96 shifted (0,-20))(kanji.grtwo.many)));
388   expand_pbox;
389 enddef;

```

U+793A
tsuku.uni793A

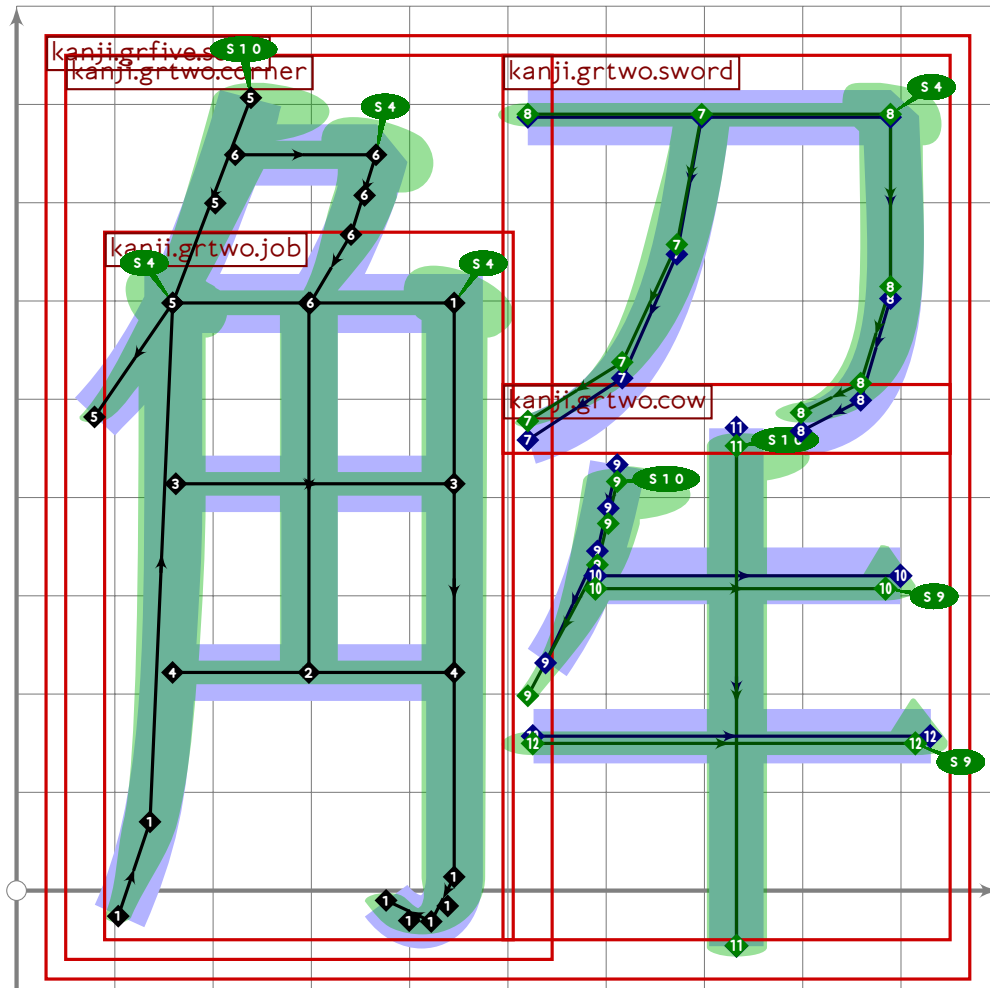


FIVE

```

390
391 vardef kanji.grfive.showing =
392   push_pbox_toexpand("kanji.grfive.showing");
393   build_kanji.level(build_kanji.tb(480,130)
394     (build_kanji.sscale(yscaled 0.9)(kanji.grone.two))
395     (kanji.grone.small));
396   set_boserif(-1,0,whatever);
397   expand_pbox;
398 enddef;

```



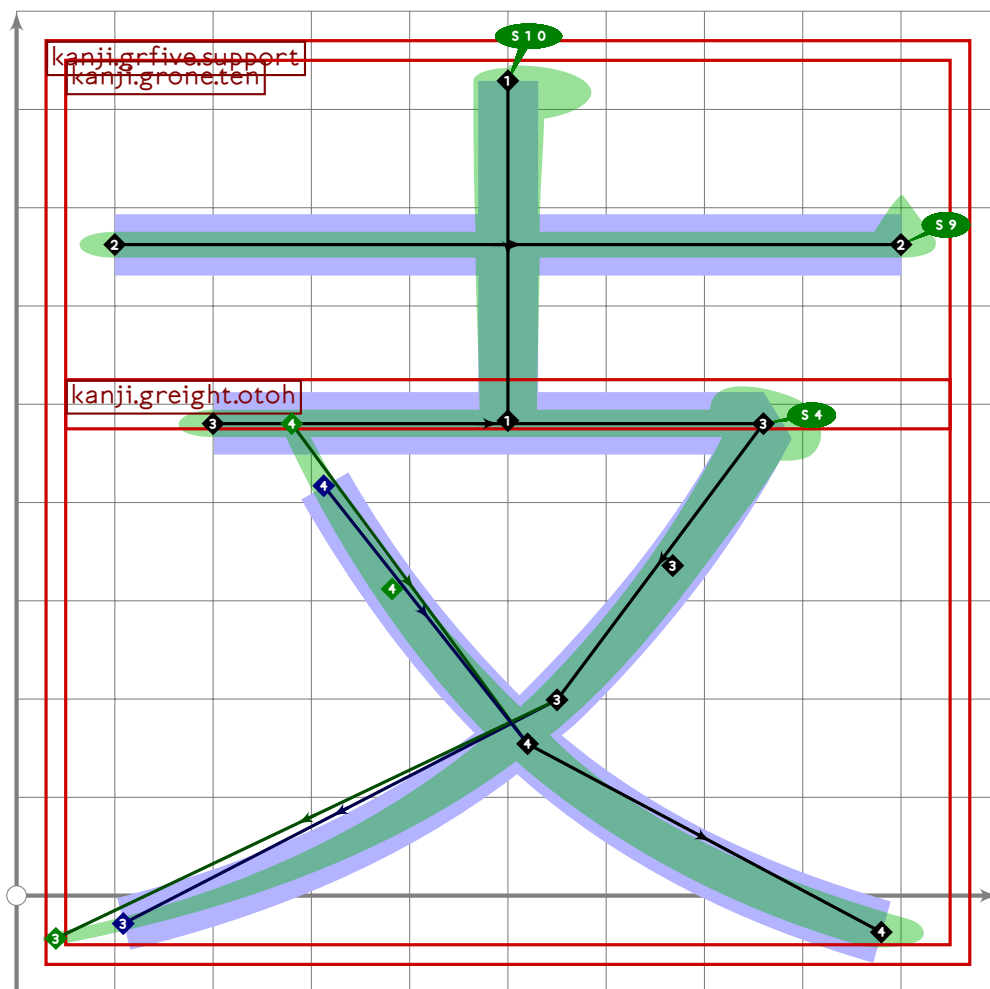
FIVE

```

399
400 vardef kanji.grfive.solve =
401   push_pbox__toexpand("kanji.grfive.solve");
402   build_kanji.lr(520,50)
403     (kanji.grtwo.corner)
404     (build_kanji.level(build_kanji.tb(480,70-40*mincho)
405       (kanji.grtwo.sword)
406       (kanji.grtwo.cow)));
407   expand_pbox;
408 enddef;

```

U+652F
tsuku.uni652F

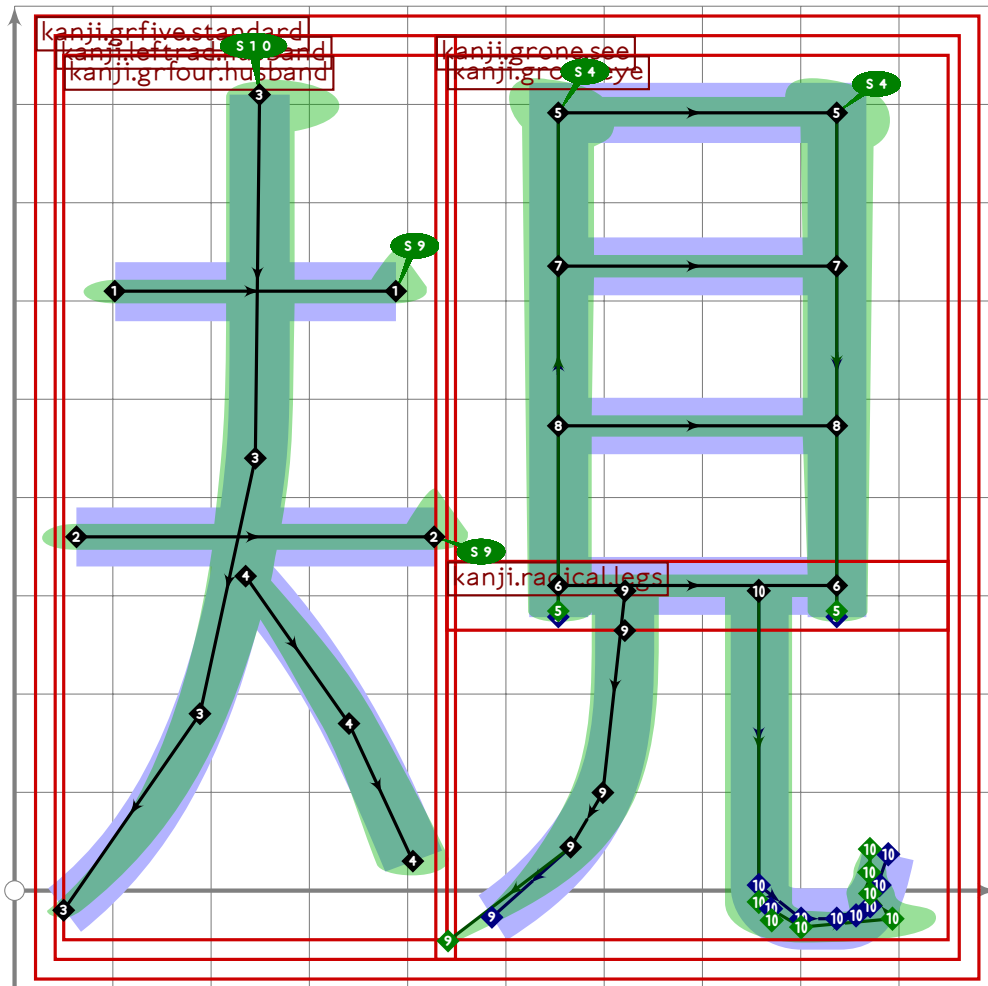


FIVE

```

409
410 vardef kanji.grfive.support =
411   push_pbox_toexpand("kanji.grfive.support");
412   build_kanji.level(build_kanji.tb(500,50)
413     (kanji.grone.ten)
414     (kanji.greight.otoh));
415   expand_pbox;
416 enddef;

```

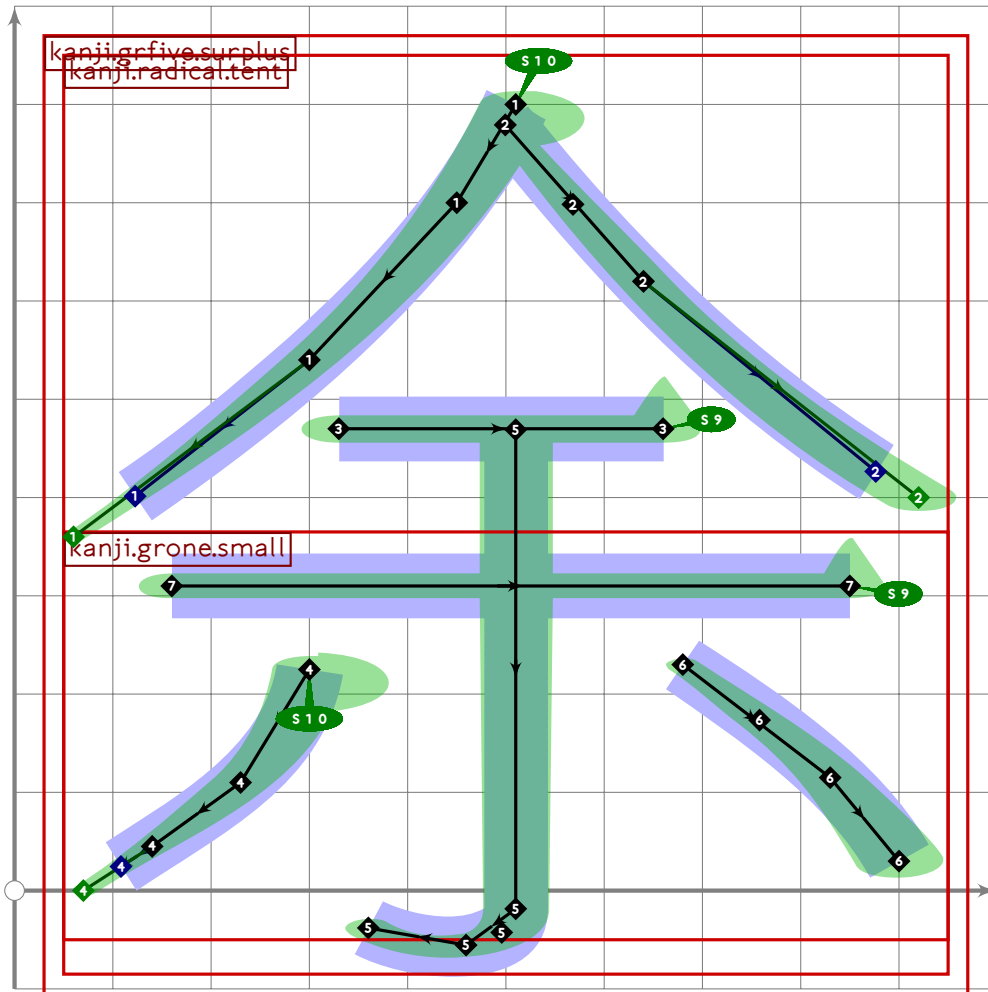
FIVE

```

417
418 vardef kanji.grfive.standard =
419   push_pbox_toexpand("kanji.grfive.standard");
420   build_kanji.lr(440,0)
421     (kanji.leftrad.husband)
422     (kanji.grone.see);
423   expand_pbox;
424 enddef;

```

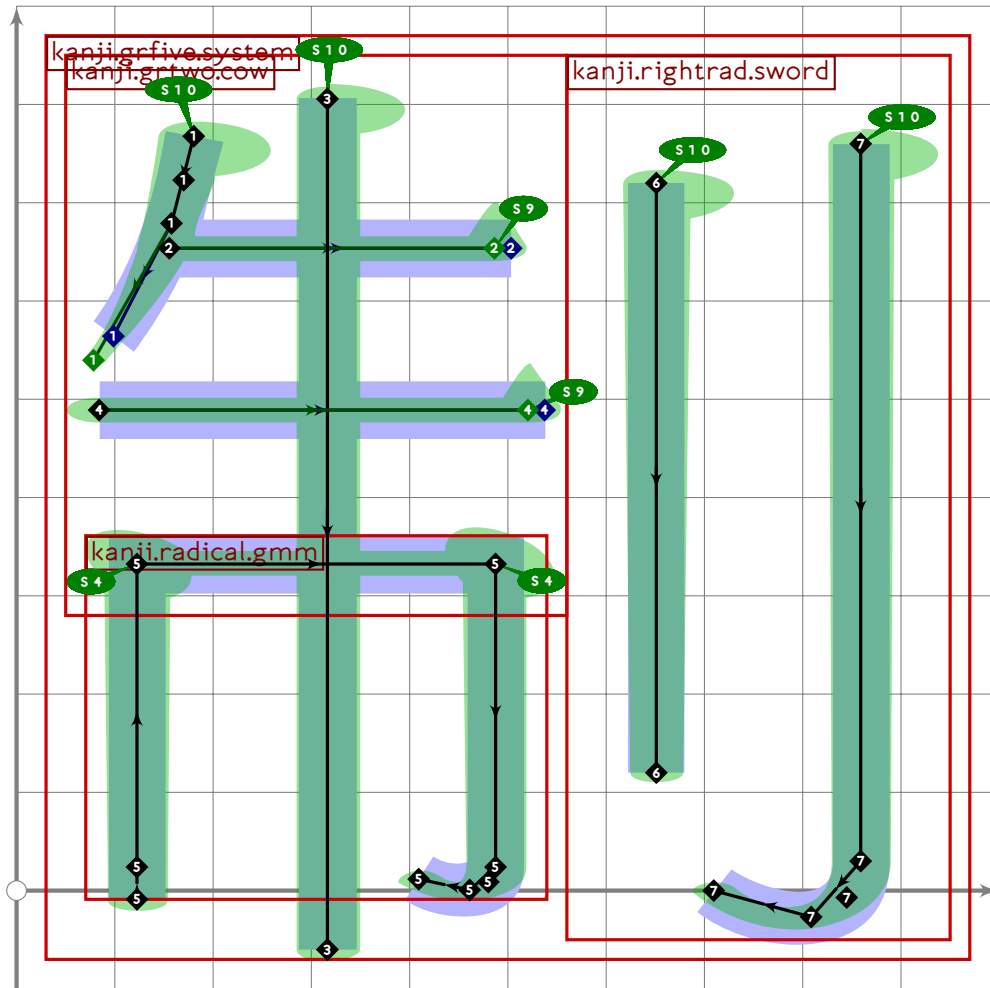
U+4F59
tsuku.uni4F59



```

425
426 vardef kanji.grfive.surplus =
427   push_pbox_toexpand("kanji.grfive.surplus");
428   build_kanji.level(
429     kanji.radical.tent;
430     path saved_path;
431     tsu_xform(identity yscaled 0.5 shifted (0,-60))
432     (kanji.grone.small;saved_path=get_stroke(-1));
433     replace_stroke(-1)(saved_path yscaled 0.65 shifted (0,-38));
434     set_boserif(-1,0,whatever);
435     push_stroke((160,310)-(850,310))((1.5,1.5)-(1.5,1.5));
436     set_boserif(0,1,9);
437   );
438   expand_pbox;
439 enddef;

```



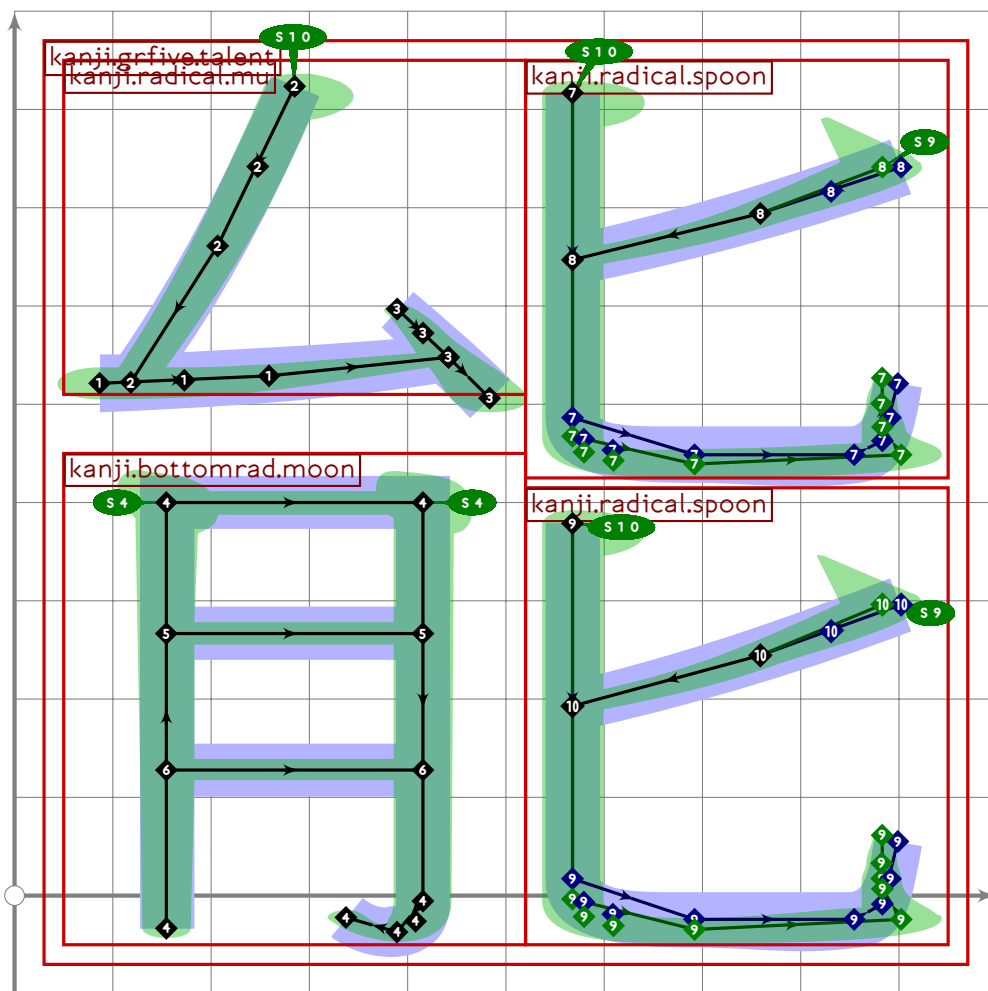
FIVE

```

440
441 vardef kanji.grfive.system =
442   push_pbox_toexpand("kanji.grfive.system");
443   build_kanji.level(build_kanji.lr(560,0)
444     (build_kanji.tb(300,40)
445       (kanji.grtwo.cow)
446         (build_kanji.sscale(xscaled 0.92 shifted (0,100))(kanji.radical.gmm));
447       replace_stroke(-2)(point 0 of oldp-(xpart point 1 of oldp,-60)))
448     (kanji.rightrad.sword));
449   expand_pbox;
450 enddef;

```

U+80FD
tsuku.uni80FD

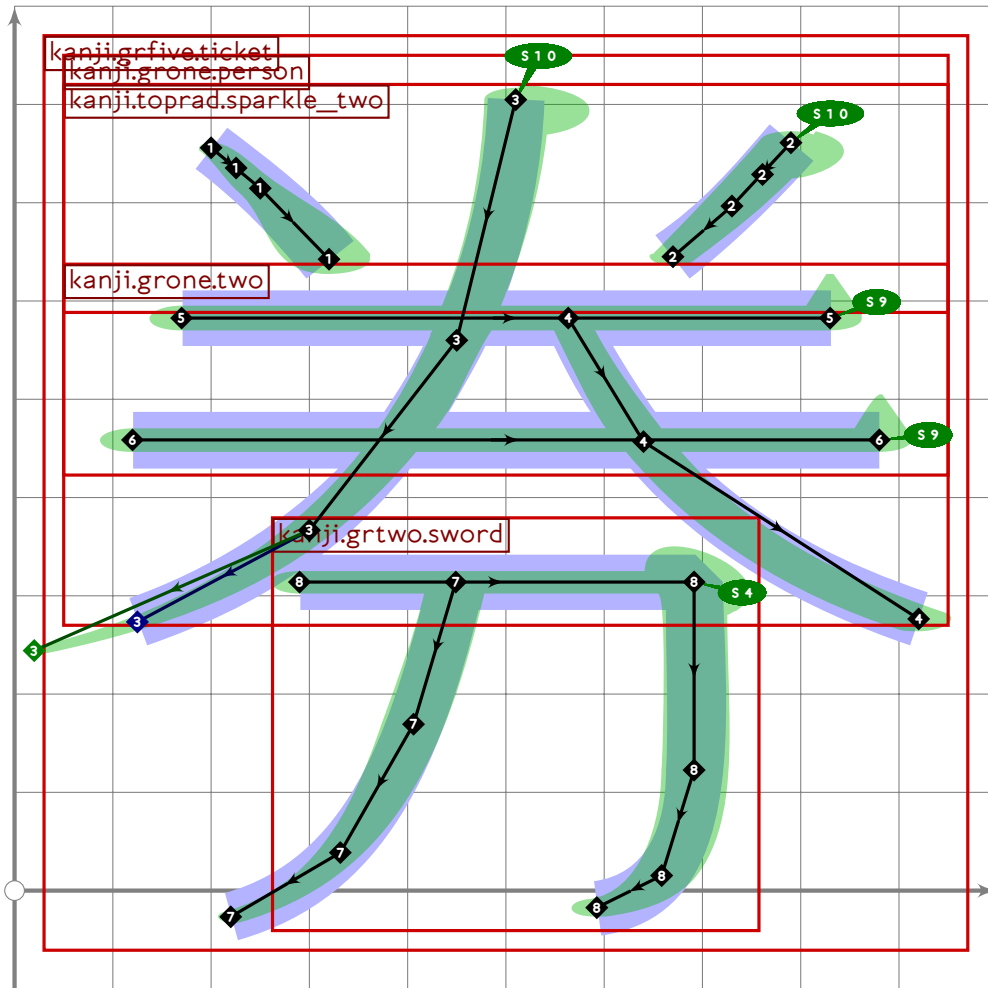


FIVE

```

451
452 vardef kanji.grfive.talent =
453   push_pbox__toexpand("kanji.grfive.talent");
454   build_kanji.level(build_kanji.lr(520,0)
455     (build_kanji.tb(480,-60)
456       (kanji.radical.mu)
457       (kanji.bottomrad.moon))
458     (build_kanji.tb(420,-10)
459       (kanji.radical.spoon)
460       (kanji.radical.spoon)));
461   expand_pbox;
462 enddef;

```



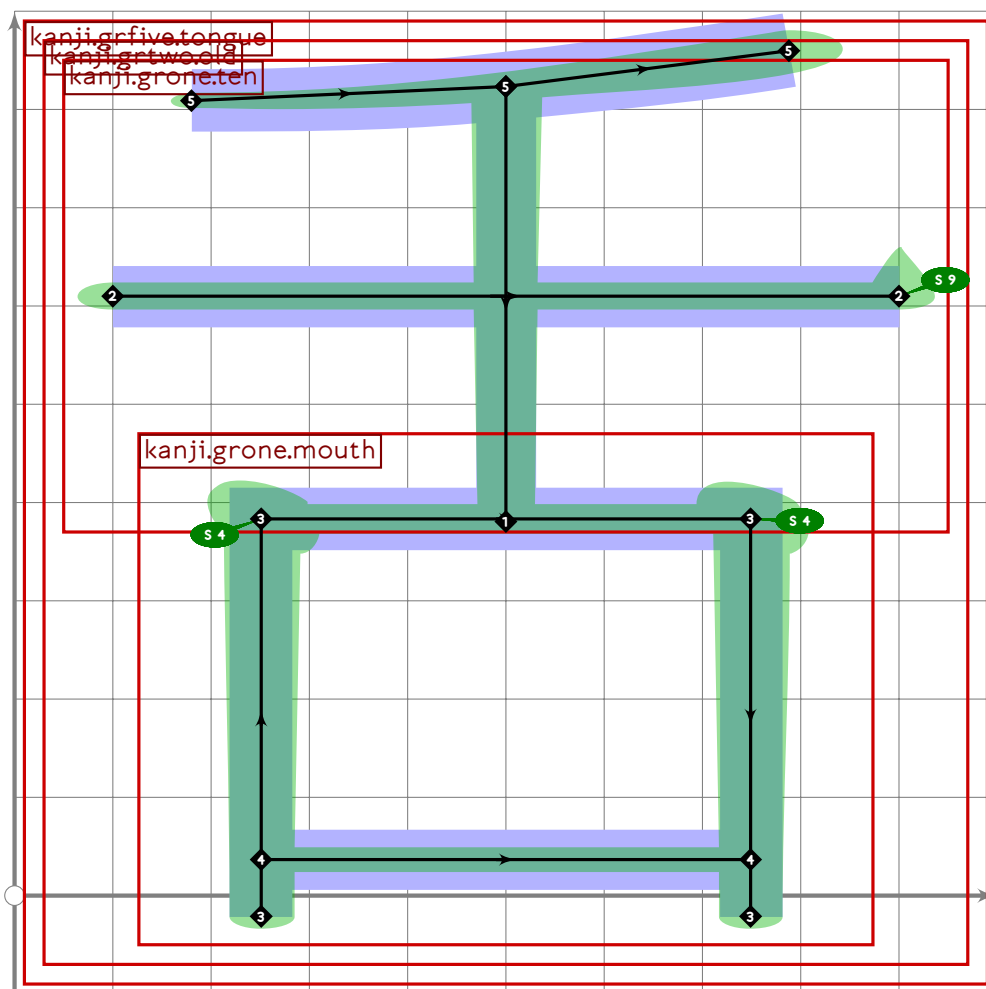
FIVE

```

463
464 vardef kanji.grfive.ticket =
465   push_pbox_toexpand("kanji.grfive.ticket");
466   build_kanji.level(build_kanji.tb(320,100)
467     (perl_structure:=perl_structure&"eids.u2FF1._3.u2FFB.1_2.2_1";
468     build_kanji.sscale(yscaled 0.4 shifted (0,230))
469     (kanji.toprad.sparkle_two);
470     kanji.grone.person;
471     build_kanji.sscale(xyscaled (1,0.37) shifted (0,-40))
472     (kanji.grone.two);
473     replace_stroke(-2)
474     (subpath (xpart (oldp intersectiontimes get_stroke(-1)),infinity)
475       of oldp))
476     (build_kanji.sscale(xscaled 0.55 shifted (10,20))
477     (kanji.grtwo.sword);
478     replace_stroke(-1)(oldp slanted 0.05 shifted (-70,0))));
479   expand_pbox;
480 enddef;

```

U+820C
tsuku.uni820C

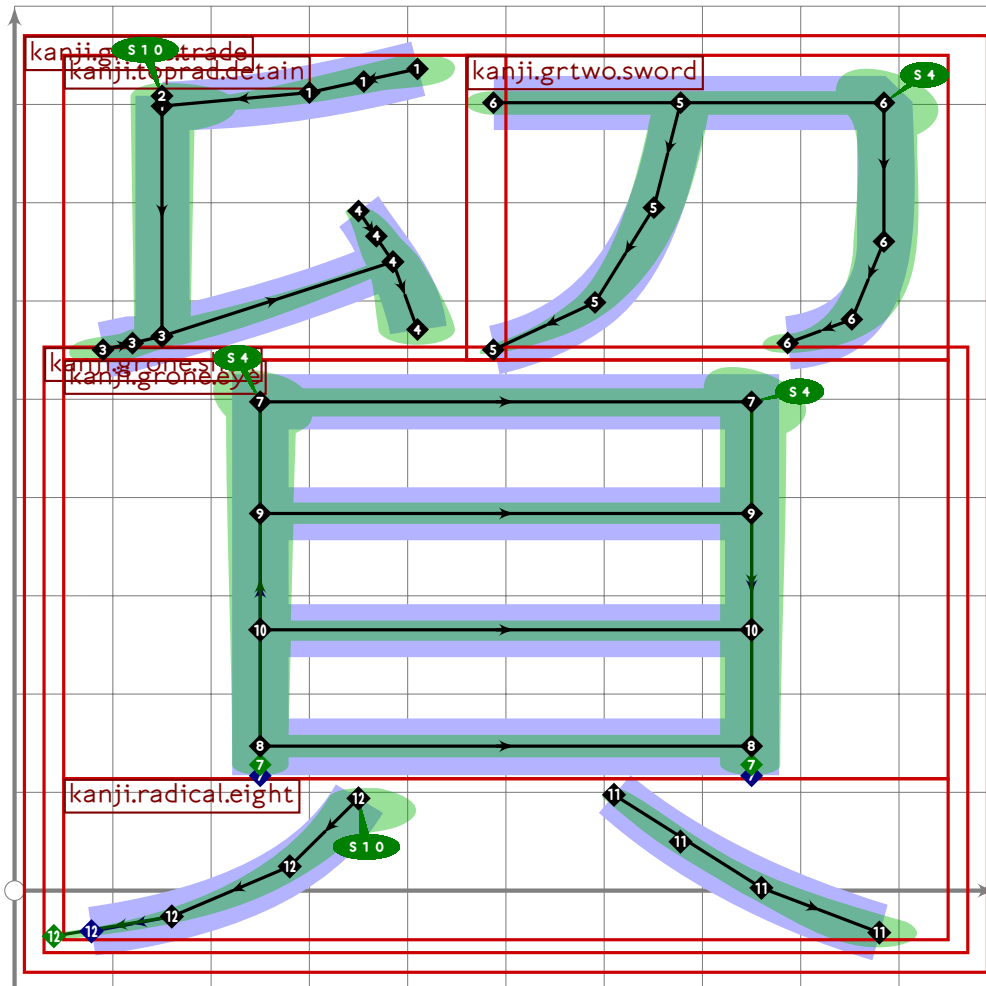


FIVE

```

481
482 vardef kanji.grfive.tongue =
483   push_pbox_toexpand("kanji.grfive.tongue");
484   build_kanji.add_beret(kanji.grtwo.old);
485   expand_pbox;
486 enddef;

```

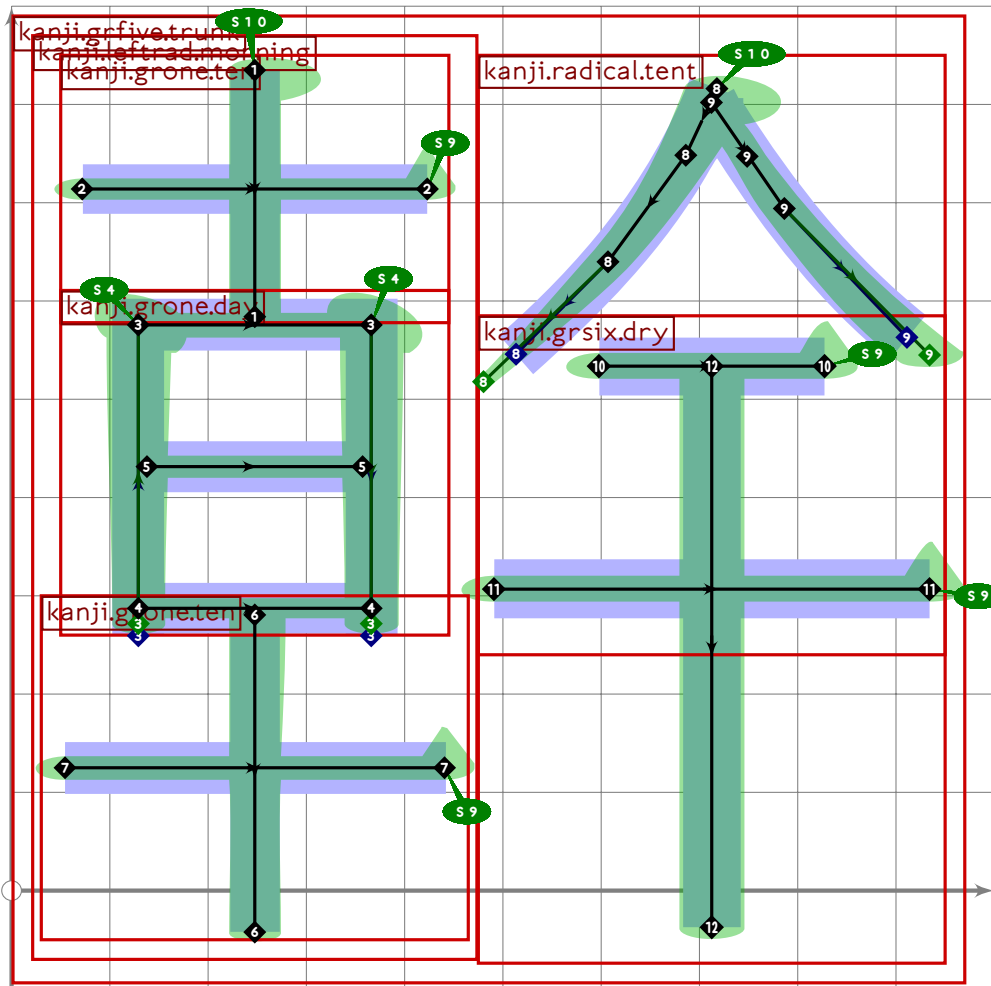


FIVE

```

487
488 vardef kanji.grfive.trade =
489   push_pbox_toexpand("kanji.grfive.trade");
490   build_kanji.level(build_kanji.tb(540,0)
491     (build_kanji.lr(480,40)
492       (kanji.toprad.detain)
493       (kanji.grtwo.sword))
494     (kanji.grone.shell));
495   expand_pbox;
496 enddef;

```



FIVE

```

497
498 vardef kanji.grfive.trunk =
499   push_pbox_toexpand("kanji.grfive.trunk");
500   build_kanji.lr(460,30)
501     (kanji.leftrad.morning)
502     (build_kanji.tb(400,320)
503       (kanji.radical.tent;
504         pop_stroke)
505       (build_kanji.sscale(yscaled 1.08)(kanji.grsix.dry);
506         replace_stroke(-2)(subpath (0.16,0.84) of oldp)));
507   expand_pbox;
508 enddef;
509
510 vardef kanji.grfive_helperwife =
511   push_pbox_toexpand("kanji.grfive_helperwife");
512   push_stroke((500,810)–(500,60),(1.6,1.6)–(1.5,1.5));
513   set_bosertif(0,0,10);
514   tsu_xform(identity yscaled 0.58 shifted (0,20))
515     (kanji.radical.pigs_snout);
516   push_stroke((140,660)–(870,660),
517     (1.6,1.6)–(1.6,1.6));

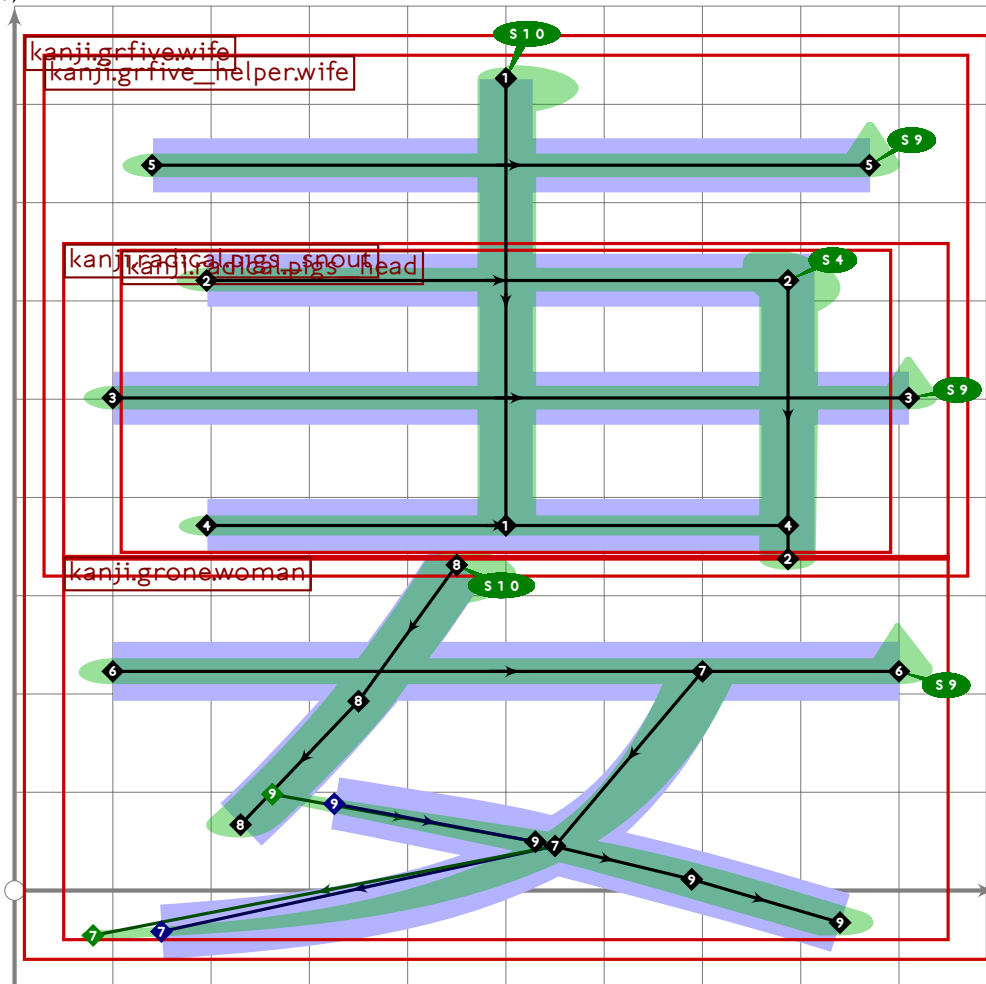
```



```

518 set_boserif(0,19);
519 replace_strokep(-4)((point 0 of oldp)-
520   (oldp intersectionpoint get_strokep(-1)));
521 for i=-4 upto 0: set_bosize(i,85); endfor;
522 expand_pbox;
523 enddef;

```



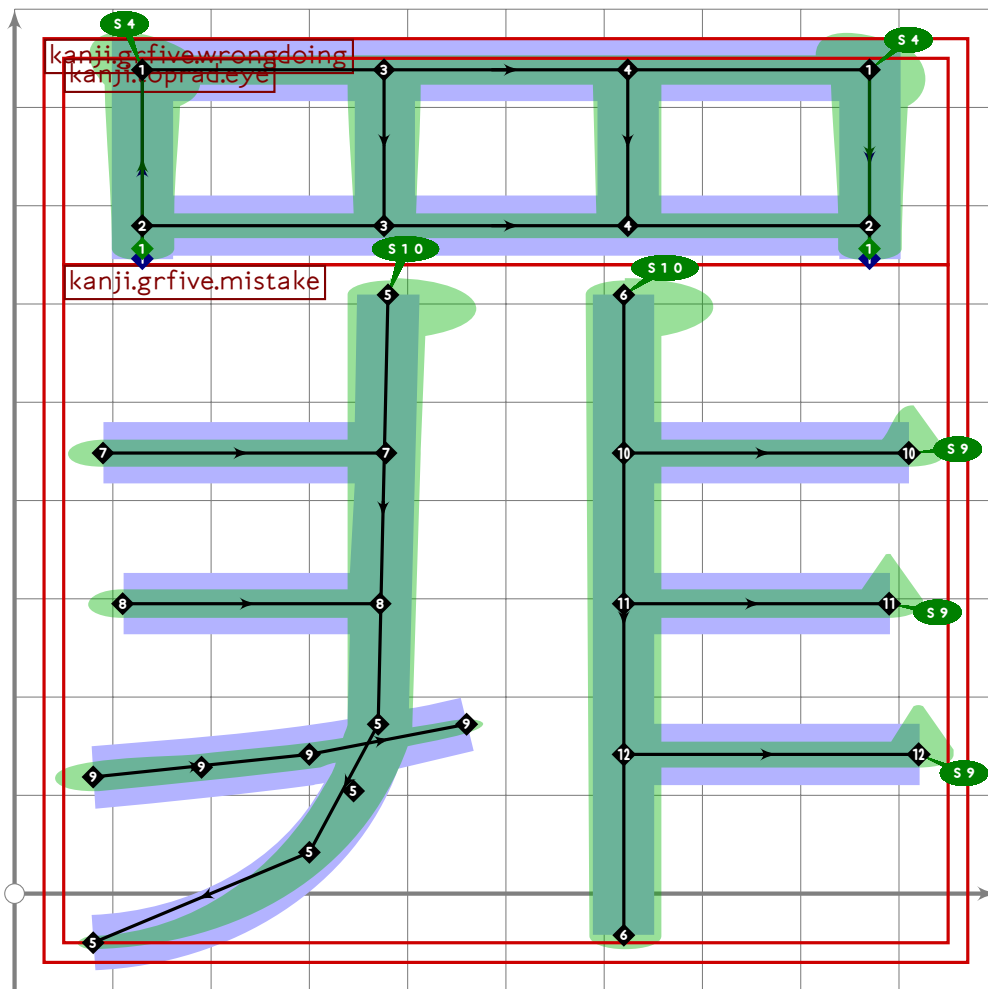
```

524
525 vardef kanji.grfivewife =
526   push_pbox_toexpand("kanji.grfivewife");
527   build_kanji.tb(330,20)
528     (kanji.grfive_helper.wife)
529     (kanji.gronewoman);
530   expand_pbox;
531 enddef;

```

FIVE

U+7F6A
tsuku.uni7F6A



FIVE

```

532
533 vardef kanji.grfive.wrongdoing =
534   push_pbox__toexpand("kanji.grfive.wrongdoing");
535   build_kanji.level(build_kanji.tb(640,0)
536     (kanji.toprad.eye)
537     (kanji.grfive.mistake));
538   expand_pbox;
539 enddef;

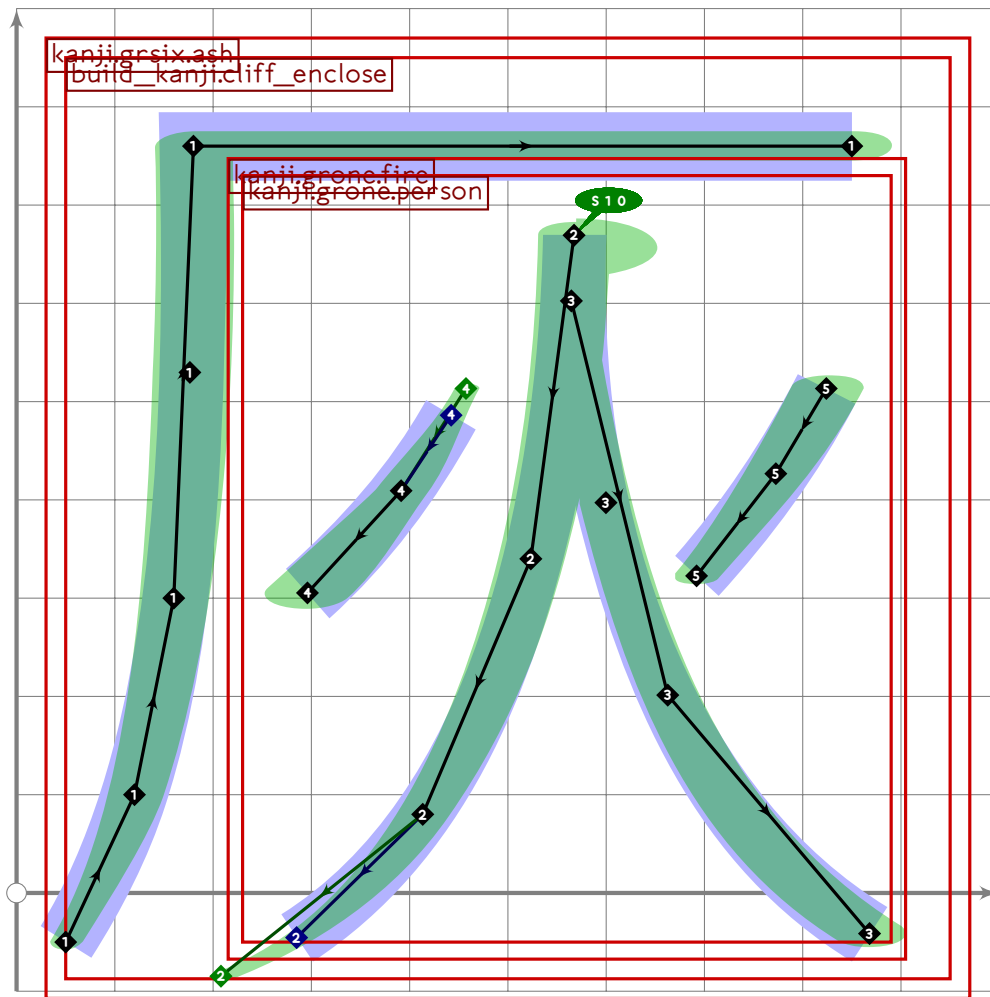
```

gradesix.mp

```

1 %
2 % Grade Six kanji used on more than one page
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 inclusion_lock(gradesix);
32
33

```



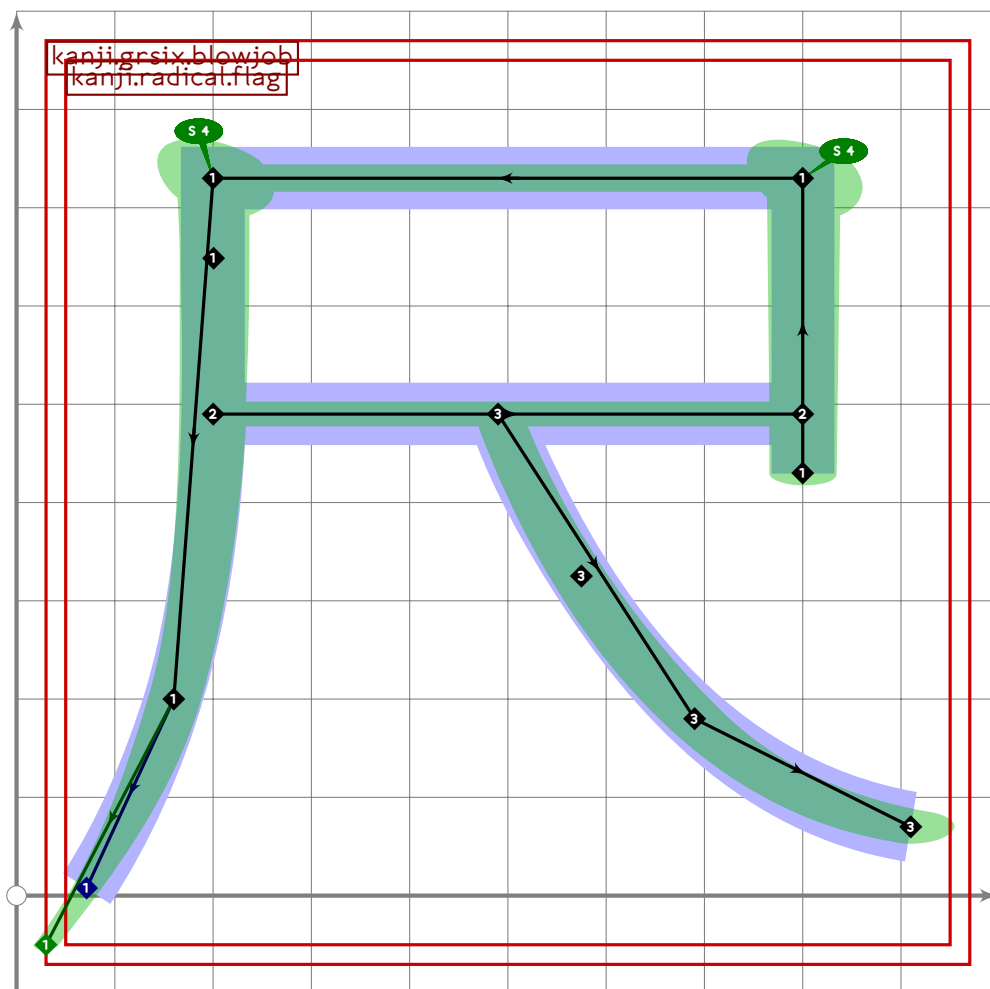
```

34
35 vardef kanji.grsix.ash =
36   push_pbox_toexpand("kanji.grsix.ash");
37   build_kanji.cliff_enclose(kanji.grone.fire);
38   expand_pbox;
39 enddef;
40

```

SIX

U+5C3A
tsuku.uni5C3A

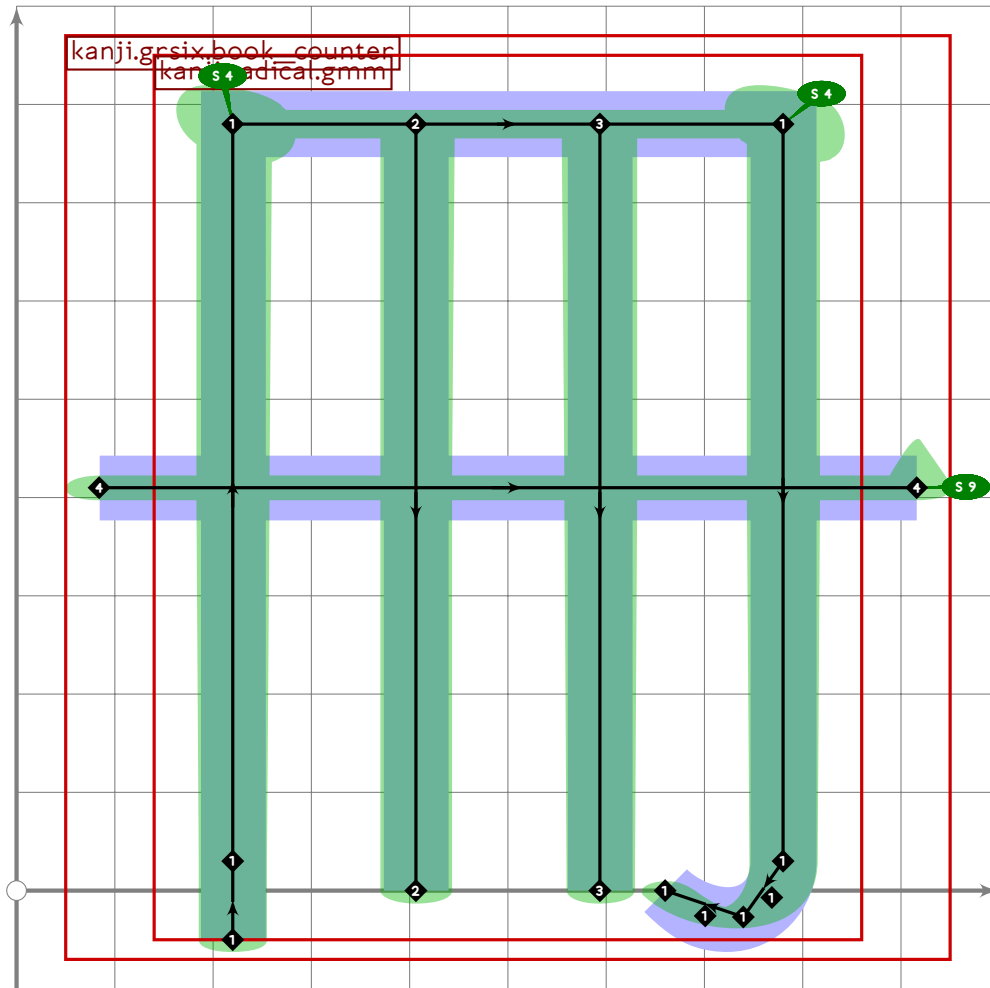


SIX

```

41 % the other common word using this kanji is "foot (unit of measure)" but
42 % that is a poor mnemonic because it's ambiguous with "foot (body part)"
43 vardef kanji.grsix.blowjob =
44   push_pbox_toexpand("kanji.grsix.blowjob");
45   kanji.radical.flag;
46   push_stroke((490,490)..tension 1.2..(690,180)..(910,70),
47     (1.2,1.2)-(14,14)-(17,17));
48   expand_pbox;
49 enddef;

```



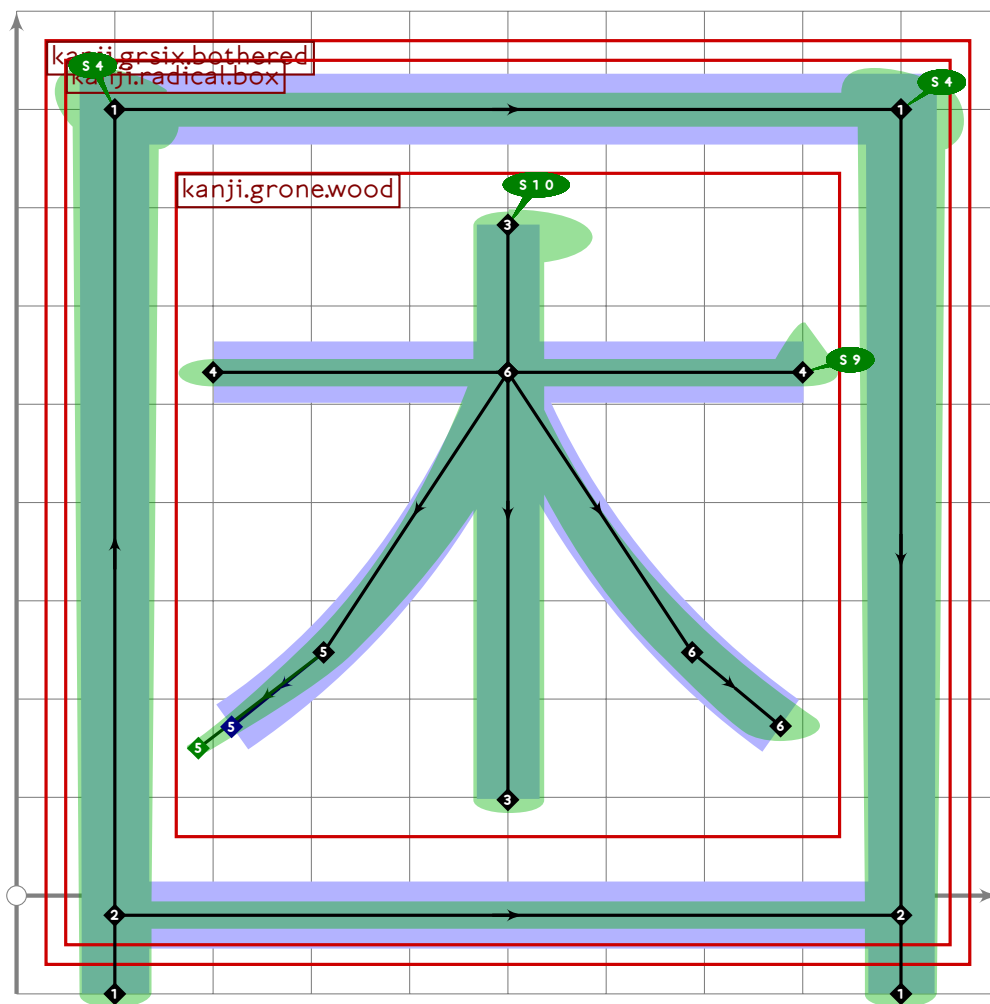
```

50
51 vardef kanji.grsix.book_counter =
52   push_pbox__toexpand("kanji.grsix.book_counter");
53   build_kanji.level(build_kanji.sscale(xscaled 0.80)
54     (kanji.radical.gmm;
55       push_stroke((383,780)-(383,0),(1.6,1.6)-(1.5,1.5));
56       push_stroke((617,780)-(617,0),(1.6,1.6)-(1.5,1.5));
57       push_stroke((-20,410)-(1020,410),(1.5,1.5)-(1.5,1.5));
58       set_boserif(0,1,9));
59   expand_pbox;
60 enddef;

```

SIX

U+56F0
tsuku.uni56F0

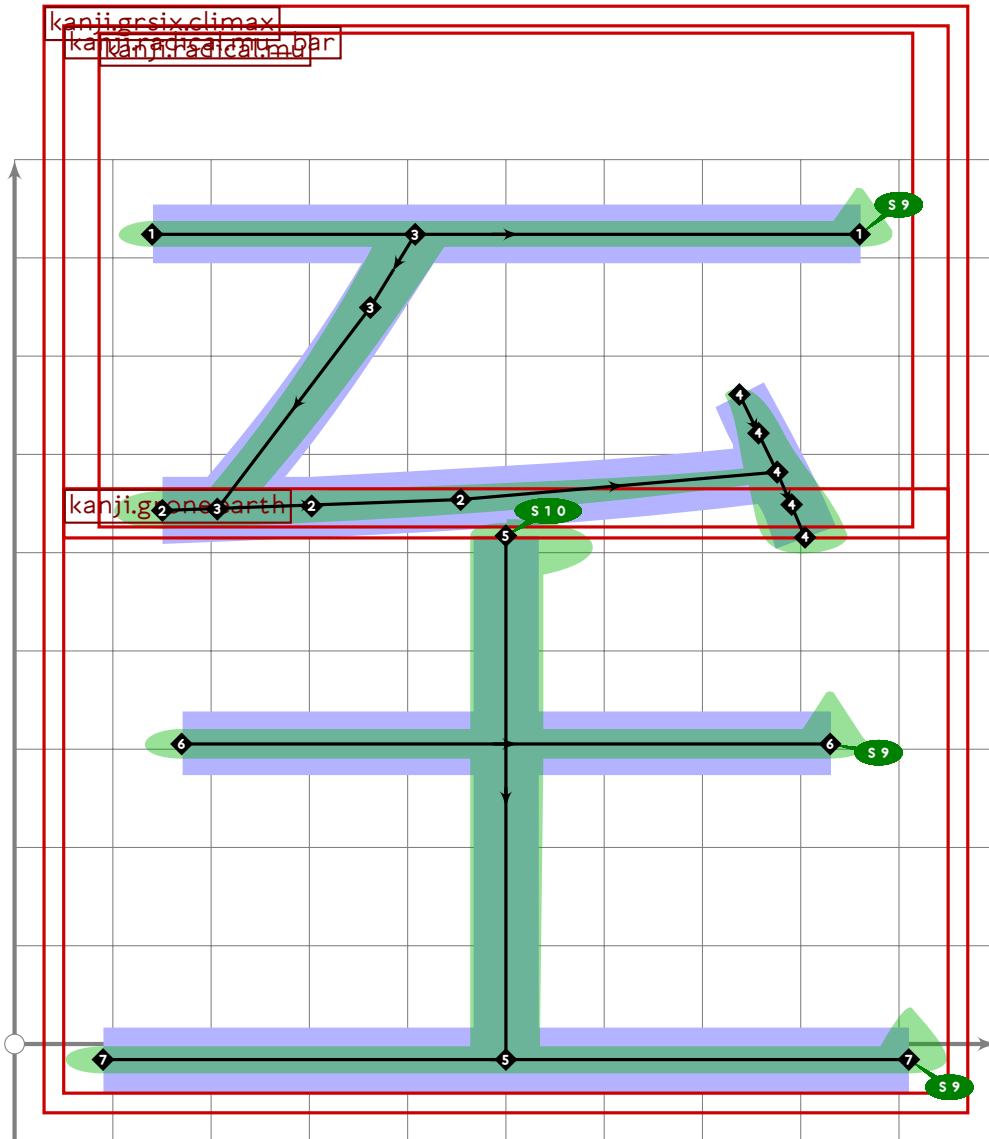


SIX

```

61
62 vardef kanji.grsix.bothered =
63   push_pbox_toexpand("kanji.grsix.bothered");
64   kanji.radical.box;
65   build_kanji.sscale(scaled 0.75)(kanji.gronewood);
66   expand_pbox;
67 enddef;

```



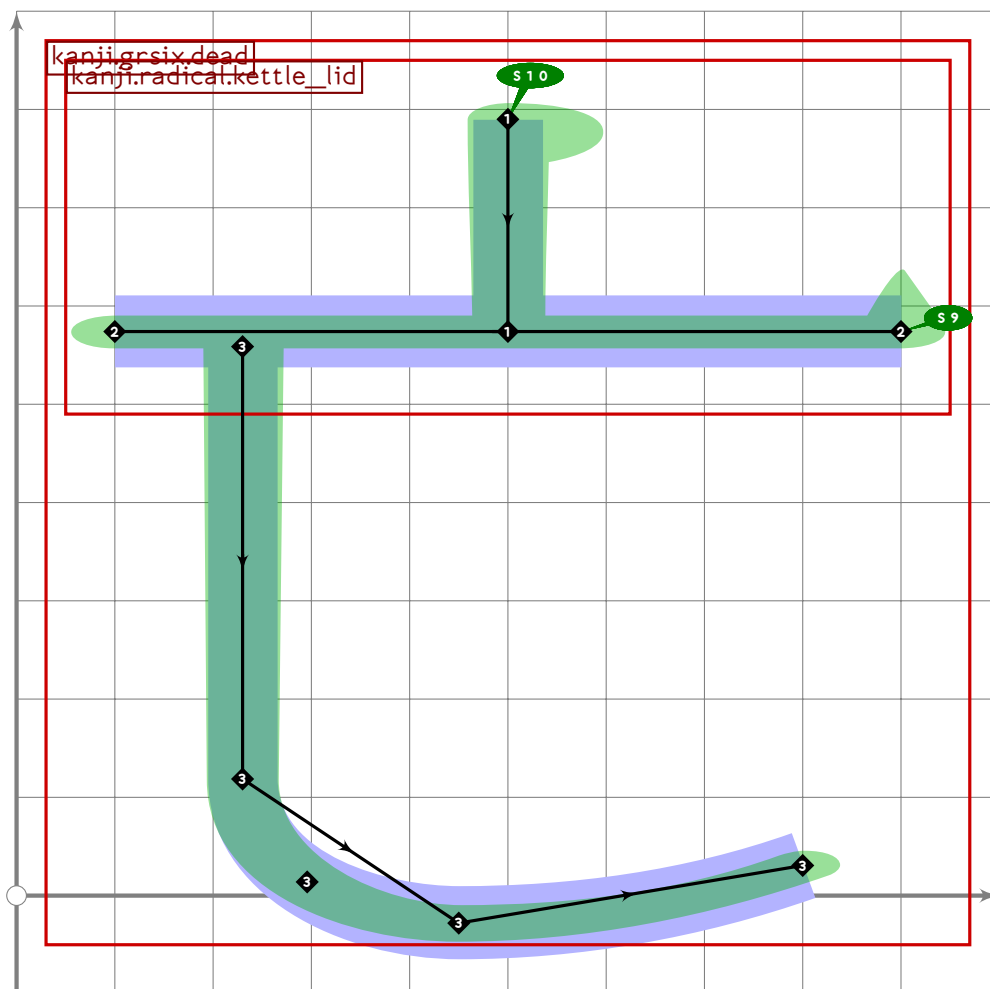
SIX

```

68
69 vardef kanji.grsix.climax =
70   push_pbox__toexpand("kanji.grsix.climax");
71   build_kanji.tb(540,50)
72     (kanji.radical.mu_bar)
73     (kanji.grone.earth);
74   expand_pbox;
75 enddef;

```

U+4EA1
tsuku.uni4EA1

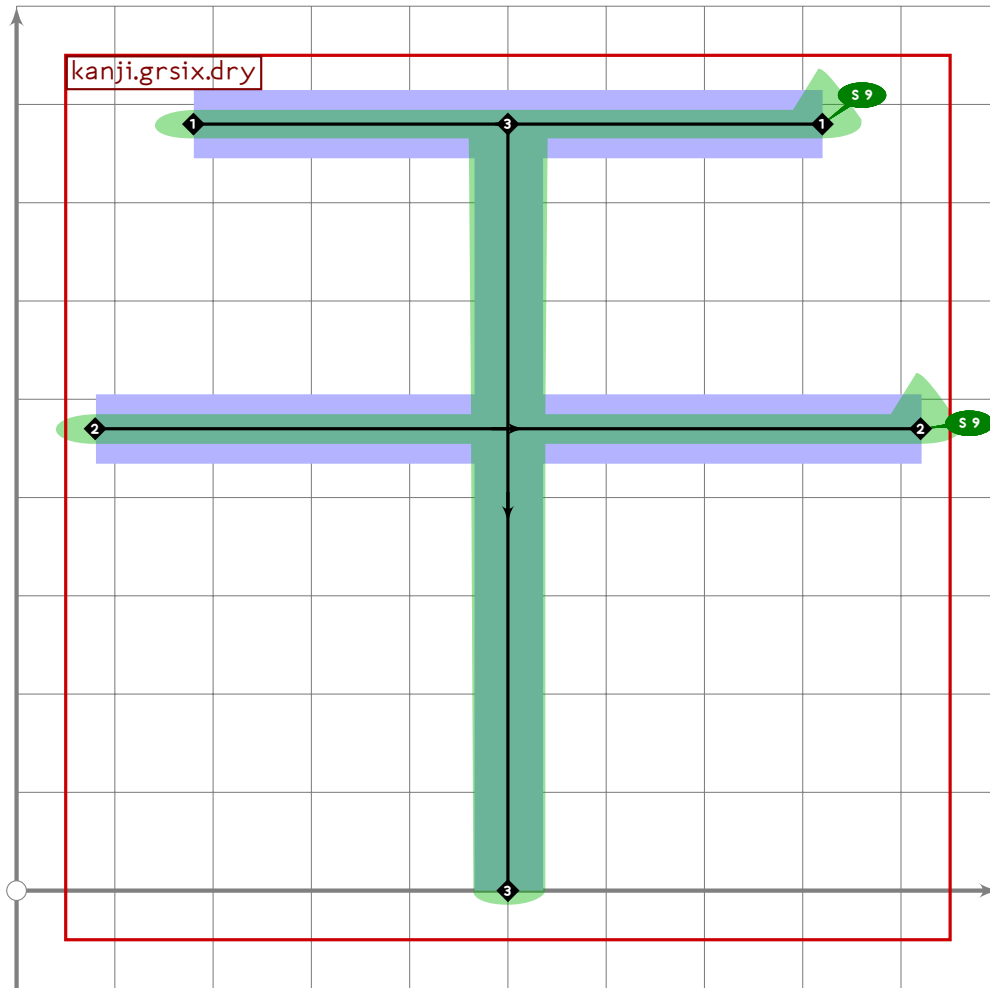


SIX

```

76
77 vardef kanji.grsix.dead =
78   push_pbox__toexpand("kanji.grsix.dead");
79   build_kanji.level(build_kanji.tb(550,120)
80     (kanji.radical.kettle_lid)
81     (push_stroke((230,780)-(230,180){down}{right}(450,20)..(800,60),
82       (1.6,1.6)-(1.5,1.5)-(1.8,1.8)-(1.5,1.5)))));
83   expand_pbox;
84 enddef;

```

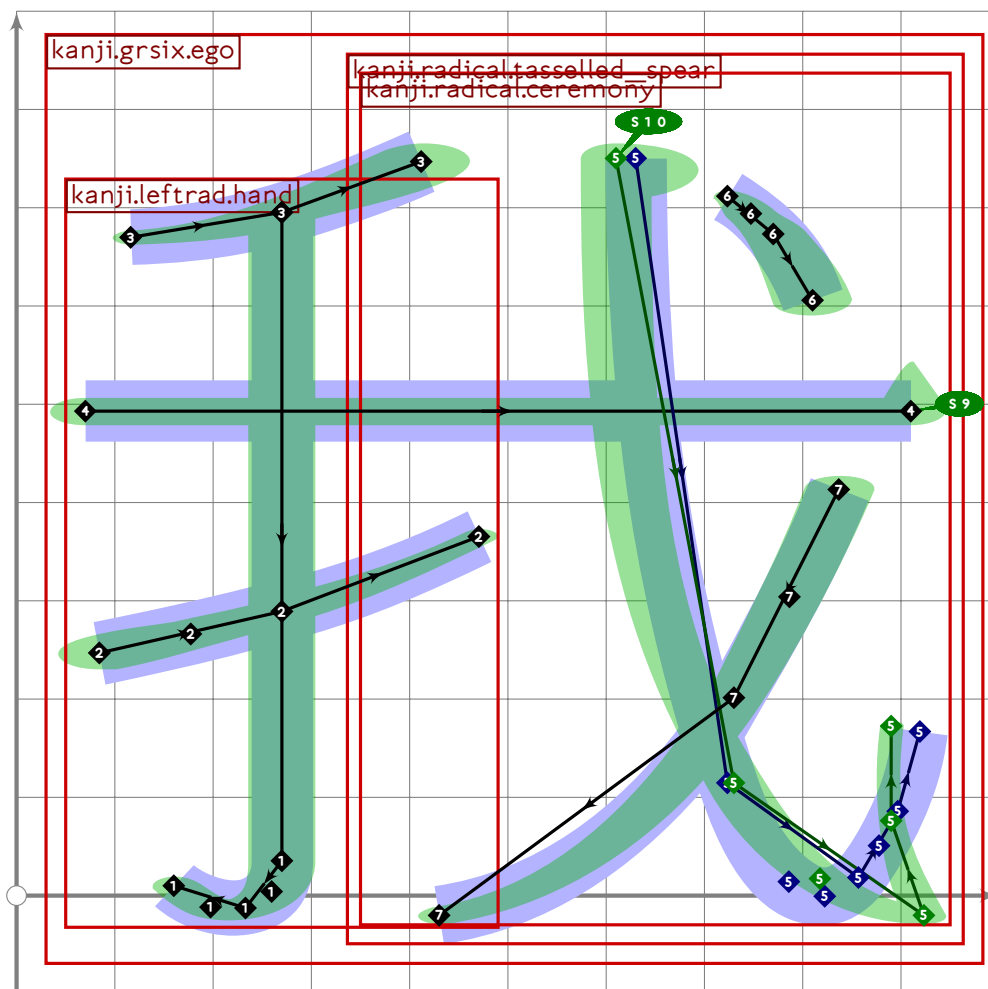



```

85
86 vardef kanji.grsix.dry =
87   push_pbox_toexpand("kanji.grsix.dry");
88   push_stroke((180,780)–(820,780),
89     (1.6,1.6)–(1.6,1.6));
90   set_boserif(0,19);
91   push_stroke((80,470)–(920,470),
92     (1.6,1.6)–(1.6,1.6));
93   set_boserif(0,19);
94   push_stroke((500,780)–(500,0),
95     (1.6,1.6)–(1.5,1.5));
96   expand_pbox;
97 enddef;

```

SIX

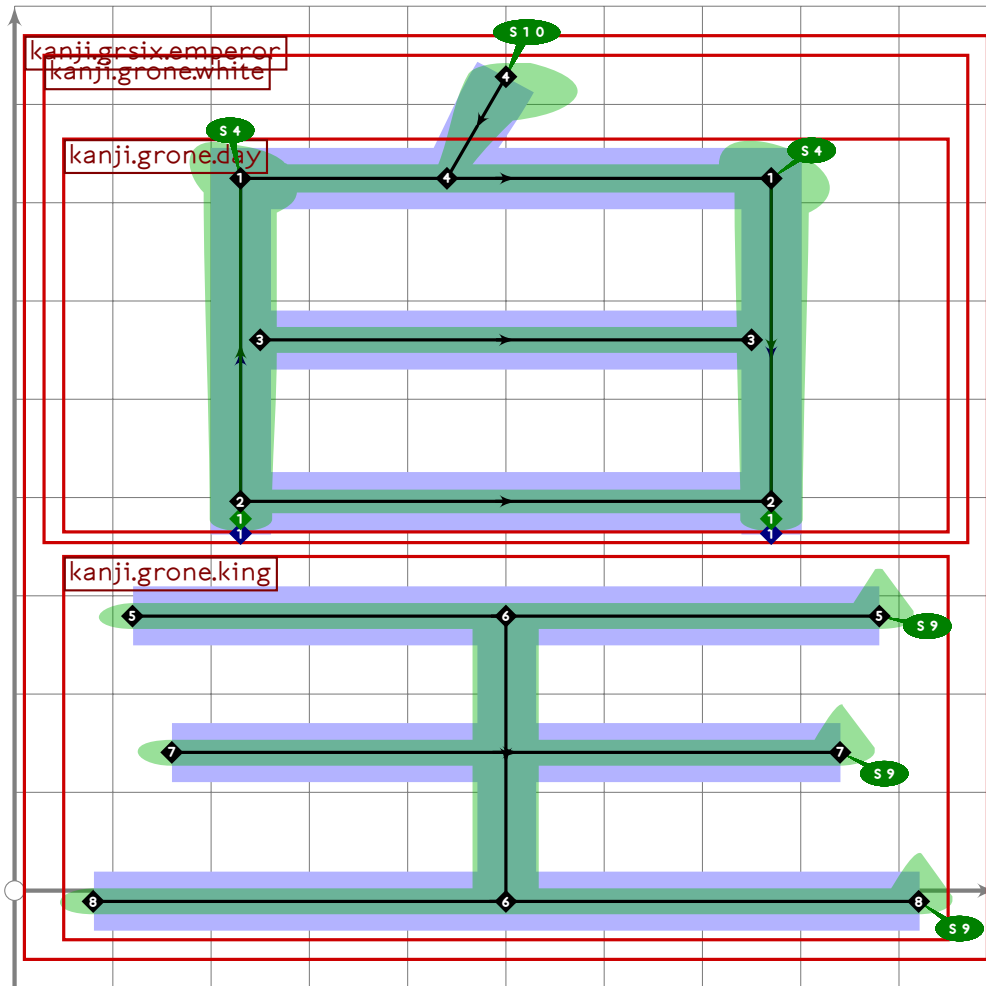


SIX

```

98
99 vardef kanji.grsix.ego =
100   push_pbox__toexpand("kanji.grsix.ego");
101   build_kanji.level(build_kanji.sscale(yscaled 0.9 shifted (0,-50))
102     (build_kanji.lr(420,140)
103       (build_kanji.add_beret(build_kanji.sscale(yscaled 0.94)
104         (kanji.leftrad.hand;
105           obstacktype[find_whatsoever(otstroke,1)]:=otnull)))
106       (build_kanji.sscale(yscaled 1.07 shifted (0,60))
107         (kanji.radical.tasselled_spear));
108     replace_stroke(-3)((70,560)-(910,560)));
109   expand__pbox;
110   enddef;

```



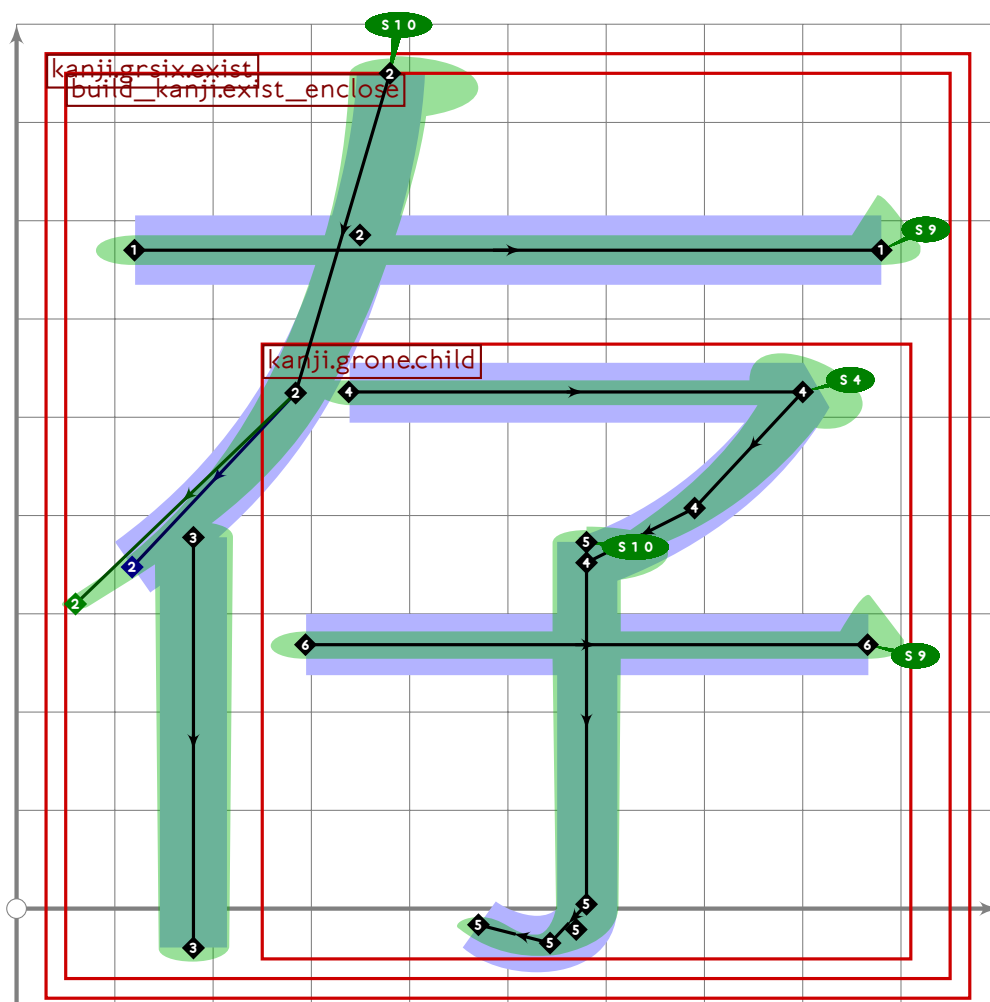
```

111
112 vardef kanji.grsix.emperor =
113   push_pbox_toexpand("kanji.grsix.emperor");
114   build_kanji.tb(350,-20)
115     (kanji.grone.white)
116     (kanji.grone.king);
117   expand_pbox;
118 enddef;

```

SIX

U+5B58
tsuku.uni5B58

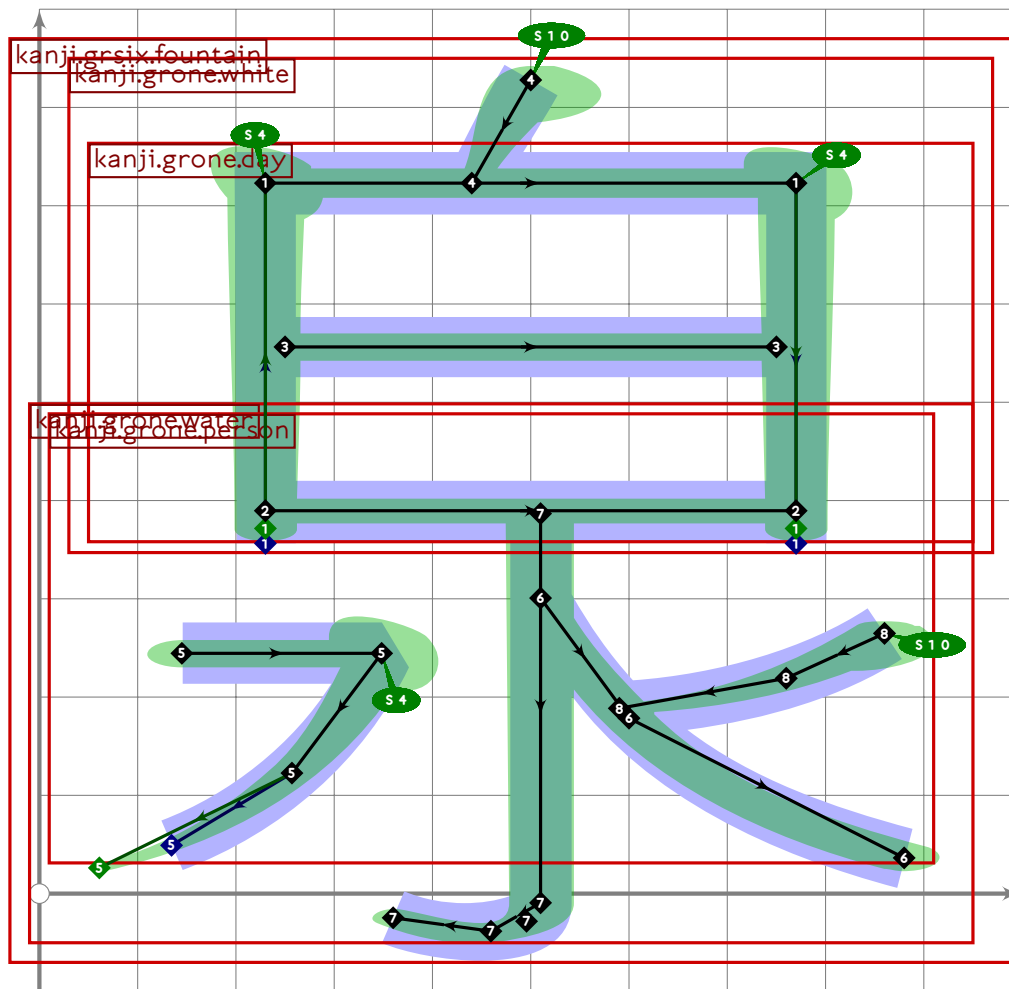


```

119
120 vardef kanji.grsix.exist =
121   push_pbox_toexpand("kanji.grsix.exist");
122   build_kanji.exist_enclose(
123     build_kanji.sscale(xyscaled (1,0.92) shifted (0,-50))
124     (kanji.grone.child));
125   expand_pbox;
126 enddef;

```

SIX

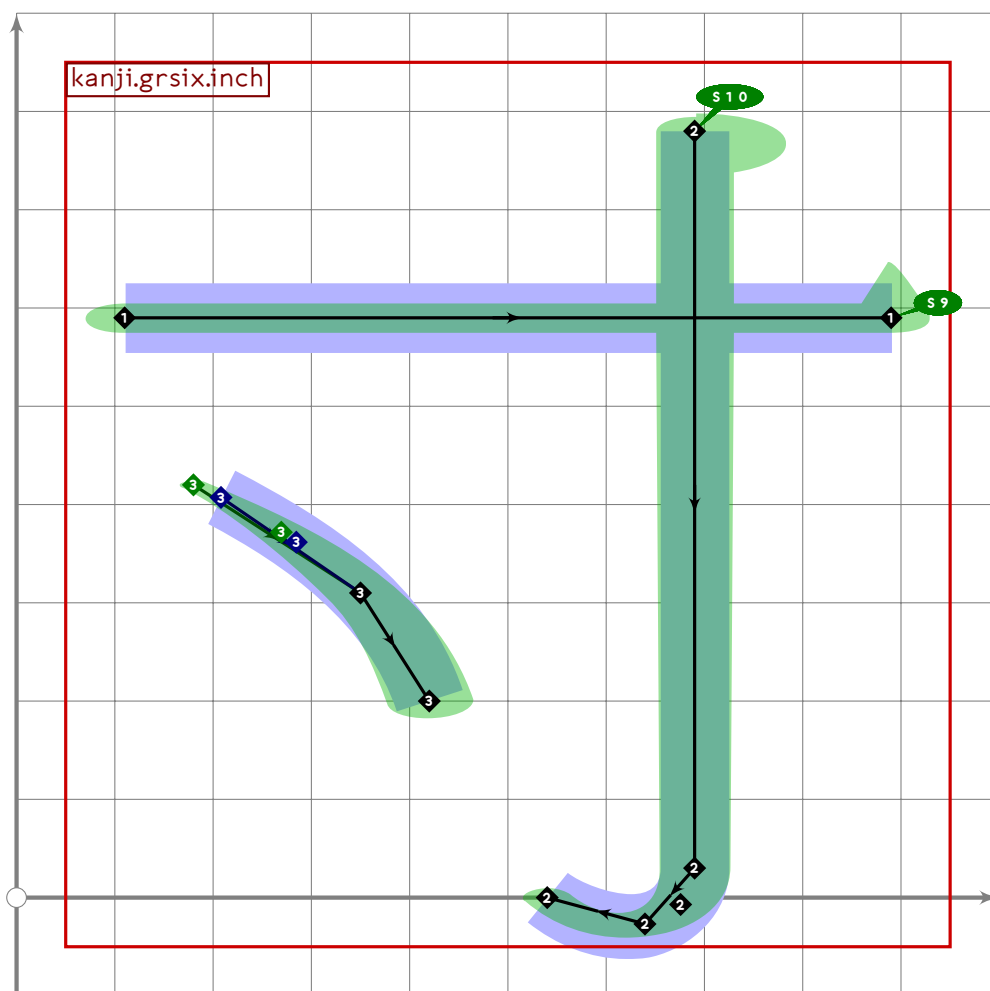


```

127
128 vardef kanji.grsix.fountain =
129   push_pbox__toexpand("kanji.grsix.fountain");
130   build_kanji.level(build_kanji.tb(380,54)
131     (kanji.grone.white)
132     (kanji.grone.water;
133       set_boserif(-1,0,whatever)));
134   expand_pbox;
135 enddef;

```

SIX

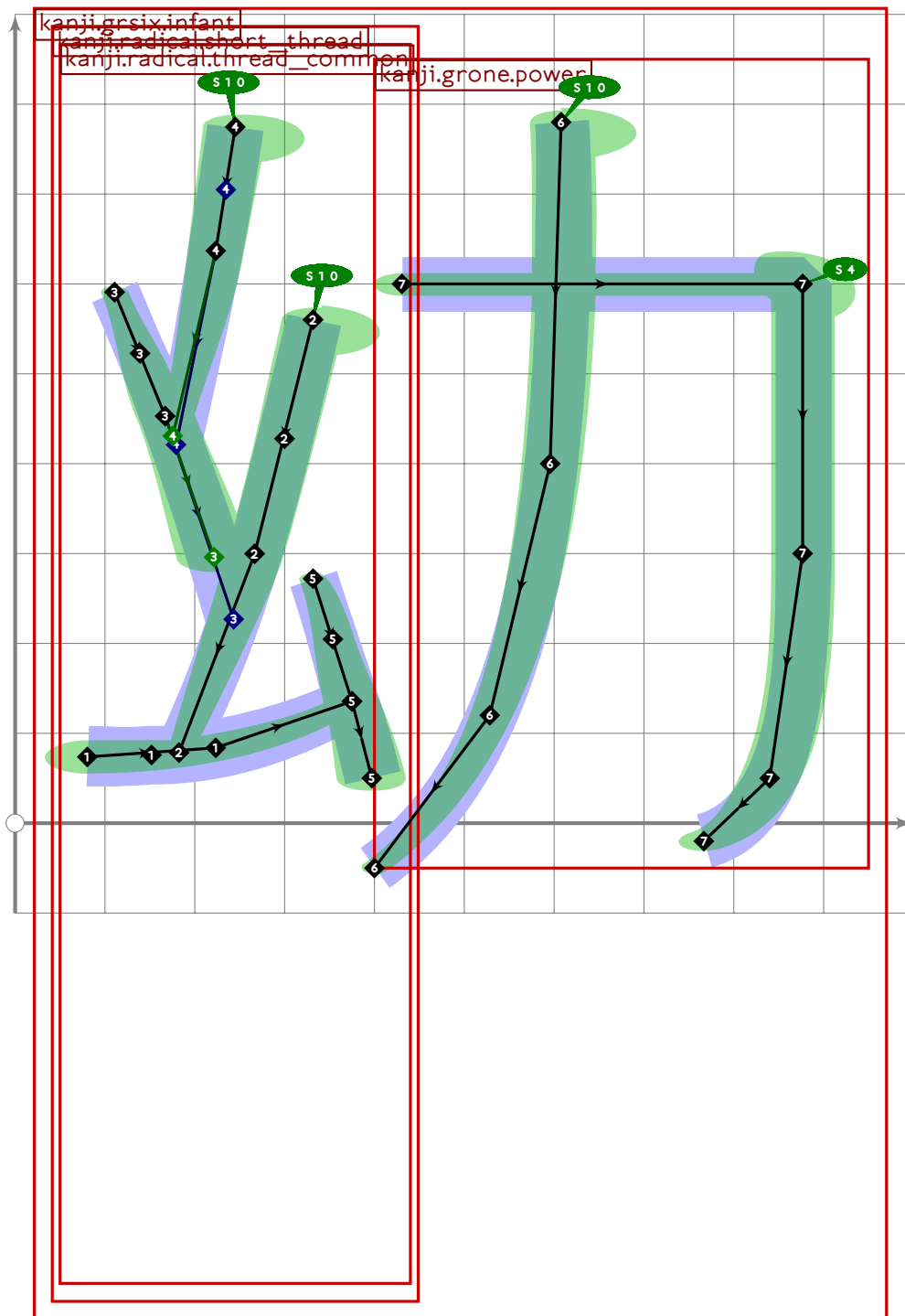


SIX

```

136
137 vardef kanji.grsix.inch =
138   push_pbox__toexpand("kanji.grsix.inch");
139   push_stroke((110,590)-(890,590),(1.6,1.6)-(1.6,1.6));
140   set_boserif(0,19);
141   push_stroke((690,780),(1.6,1.6));
142   build_kanji.add_jtail(0);
143   set_boserif(0,0,10);
144   push_stroke((180,420)..tension 1.2..(350,310)..(420,200),
145     (0,0,9)-(1.5,1.5)-(1.7,1.7));
146   expand_pbox;
147 enddef;

```

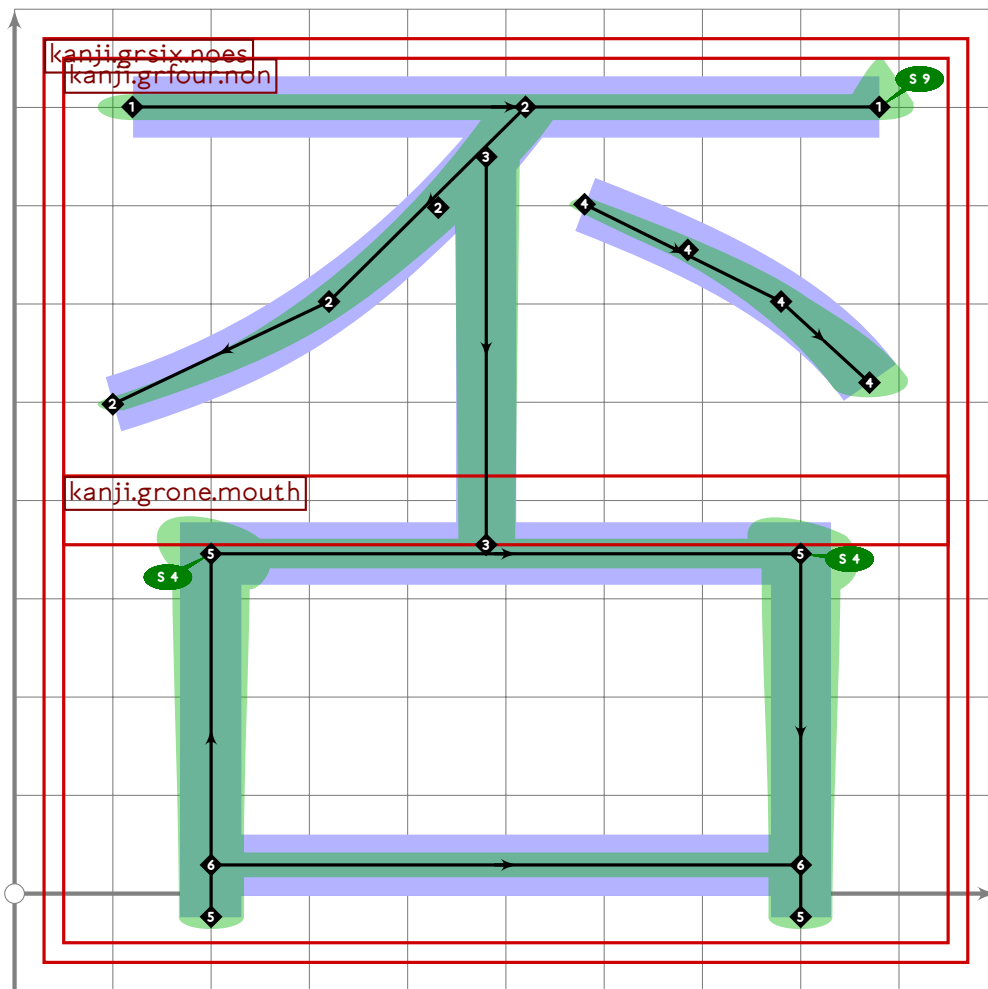


SIX

```

148
149 vardef kanji.grsix.infant =
150   push_pbox_toexpand("kanji.grsix.infant");
151   build_kanji.level(build_kanji.lr(420,40)
152     (build_kanji.lift_skirt(300,40)(build_kanji.sscale(shifted (0;20))
153       (kanji.radical.short_thread)))
154     (kanji.grone.power));
155   expand_pbox;
156 enddef;

```

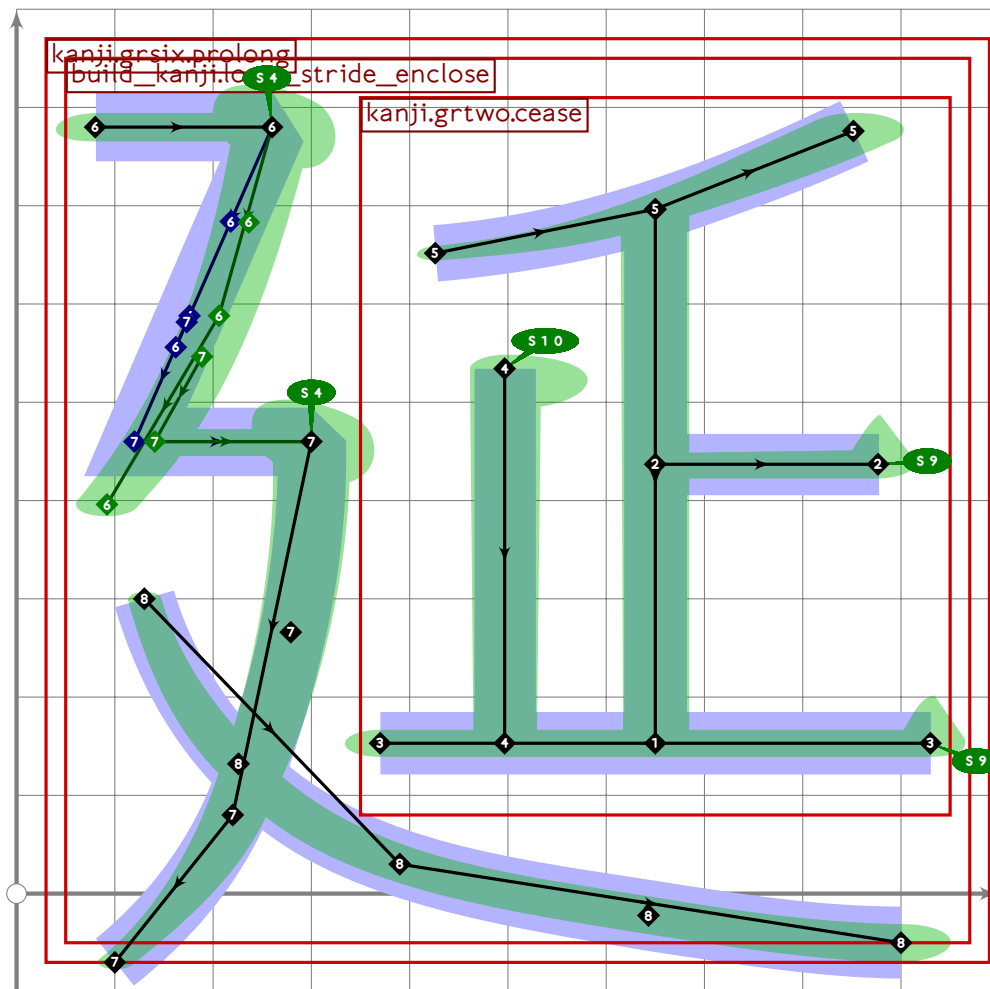


SIX

```

157
158 vardef kanji.grsix.noes =
159   push_pbox_toexpand("kanji.grsix.noes");
160   build_kanji.level(build_kanji.tb(390,70)
161     (kanji.grfour.non)
162     (kanji.grone.mouth));
163   expand_pbox;
164 enddef;

```

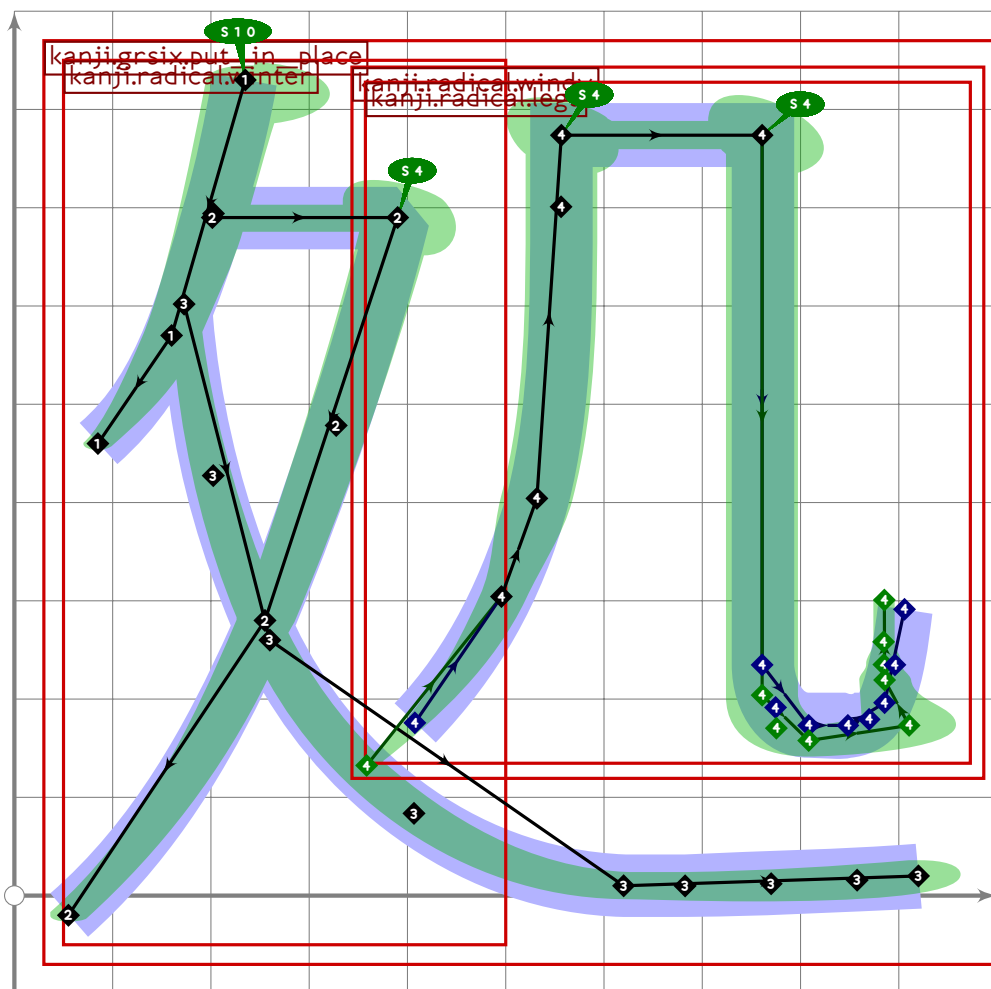
```

165
166 vardef kanji.grsix.prolong =
167   push_pbox_toexpand("kanji.grsix.prolong");
168   build_kanji.long_stride_enclose
169     (build_kanji.add_beret(kanji.grtwo.cease));
170   expand_pbox;
171 enddef;

```

SIX

U+51E6
tsuku.uni51E6

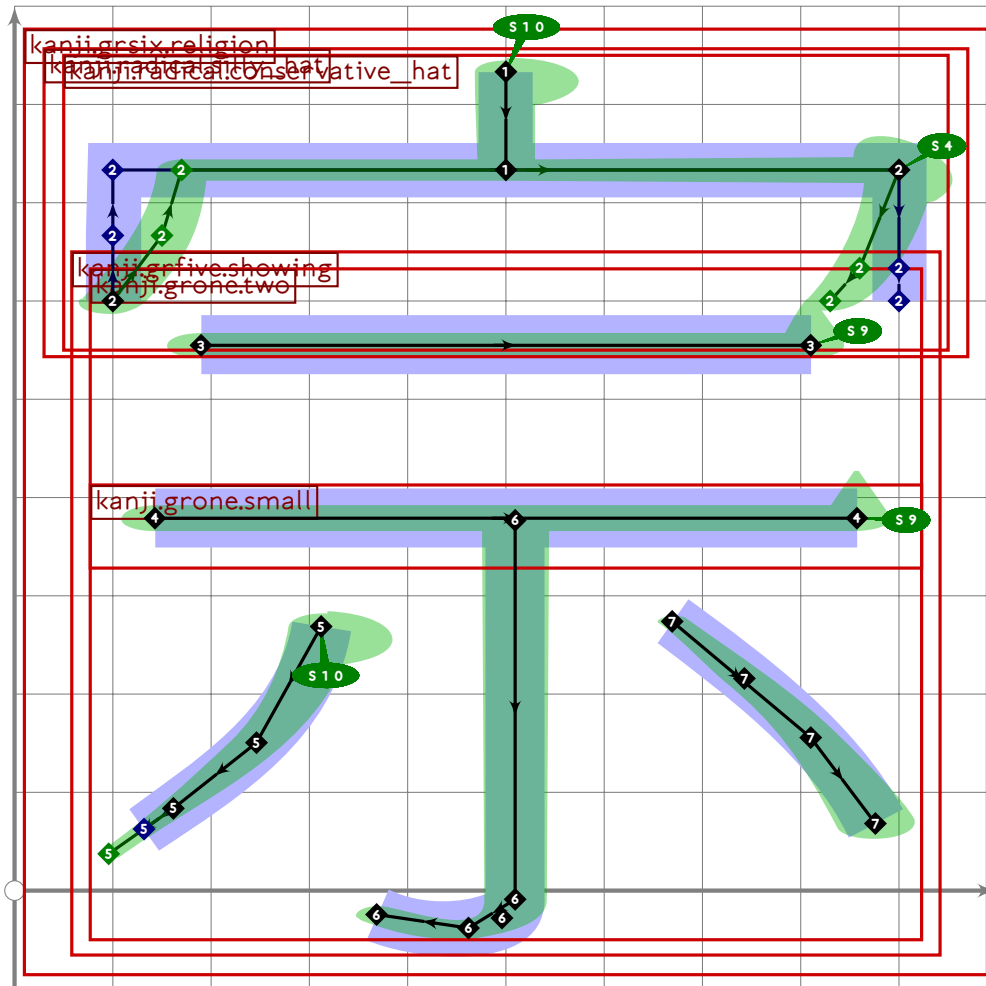


SIX

```

172
173 vardef kanji.grsix.put_in_place =
174   push_pbox__toexpand("kanji.grsix.put_in_place");
175   build_kanji.level(
176     build_kanji.lr(440,120)
177     (kanji.radical.winter)
178     (build_kanji.sscale
179       (shifted (0,-450) xyscaled (1.08,0.77) shifted (0,430))
180       (kanji.radical.windy));
181   replace_stroke(-1)((point 0 of oldp)..tension 1.2..
182     (260,260)..(620,10)..tension 1.8..(920,20));
183   replace_stroke(-1)((1,1)-(1.2,1.2)-(1.6,1.6)-(1.8,1.8));
184   );
185   expand_pbox;
186 enddef;

```



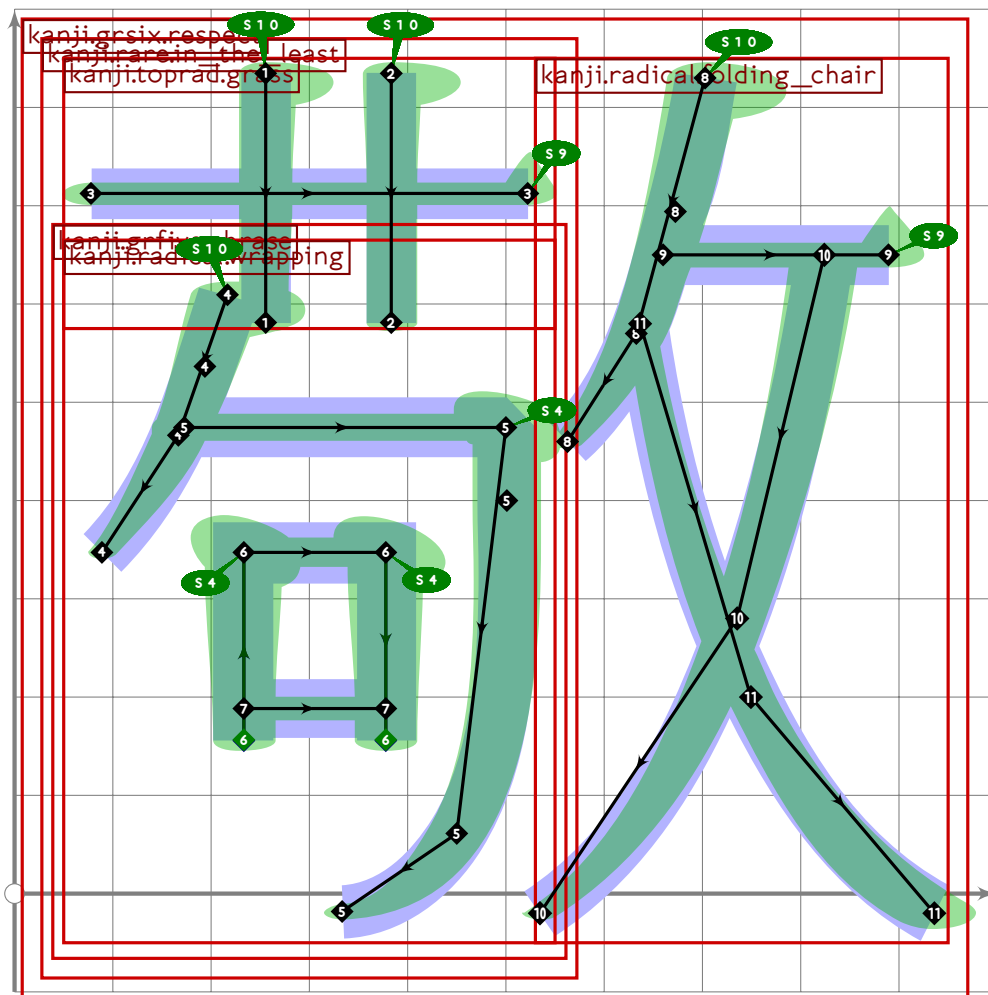
```

187
188 vardef kanji.grsix.religion =
189   push_pbox_toexpand("kanji.grsix.religion");
190   build_kanji.tb(600,100)
191     (kanji.radical.silly_hat)
192     (build_kanji.sscale(xscaled 0.94)(kanji.grfive.showing));
193   expand_pbox;
194 enddef;

```

SIX

U+656C
tsuku.uni656C

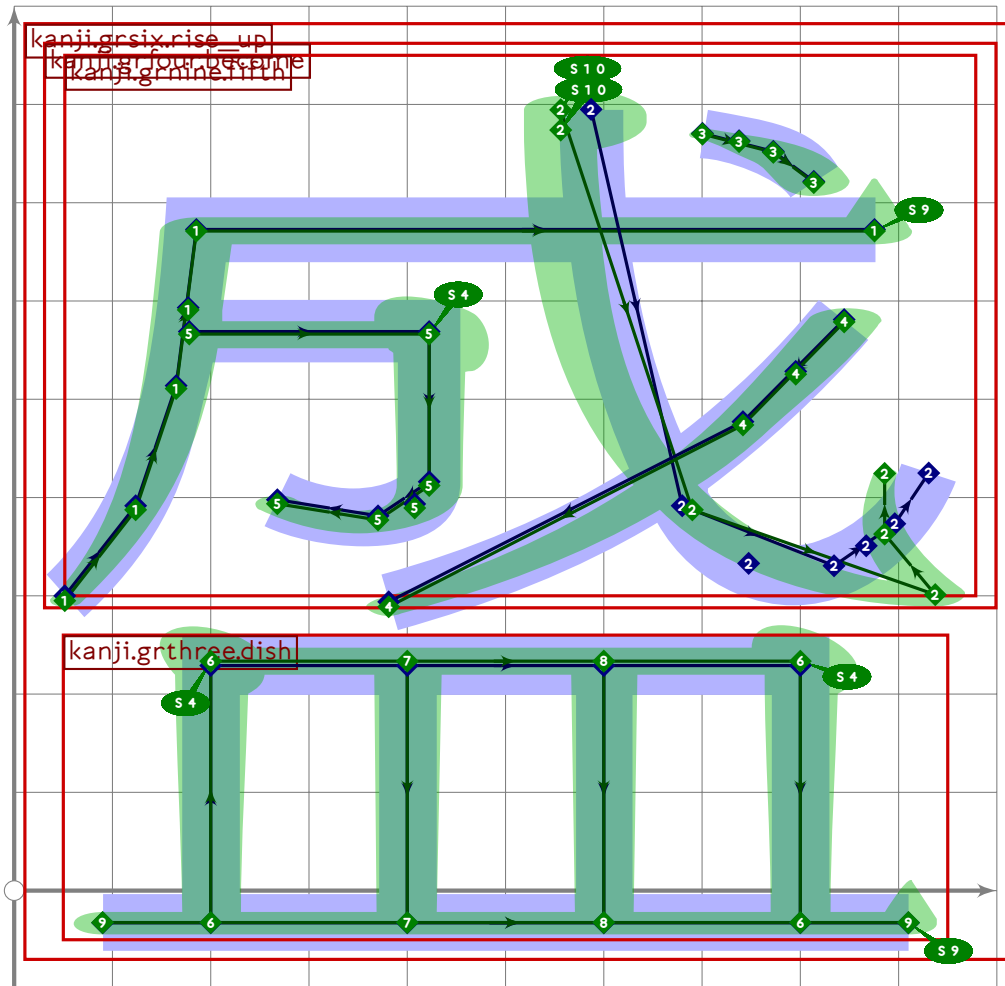


SIX

```

195
196 vardef kanji.grsix.respect =
197   push_pbox_toexpand("kanji.grsix.respect");
198   build_kanji.lr(540,20)
199     (kanji.rare.in.the.least)
200     (kanji.radical.folding_chair);
201   expand_pbox;
202 enddef;

```

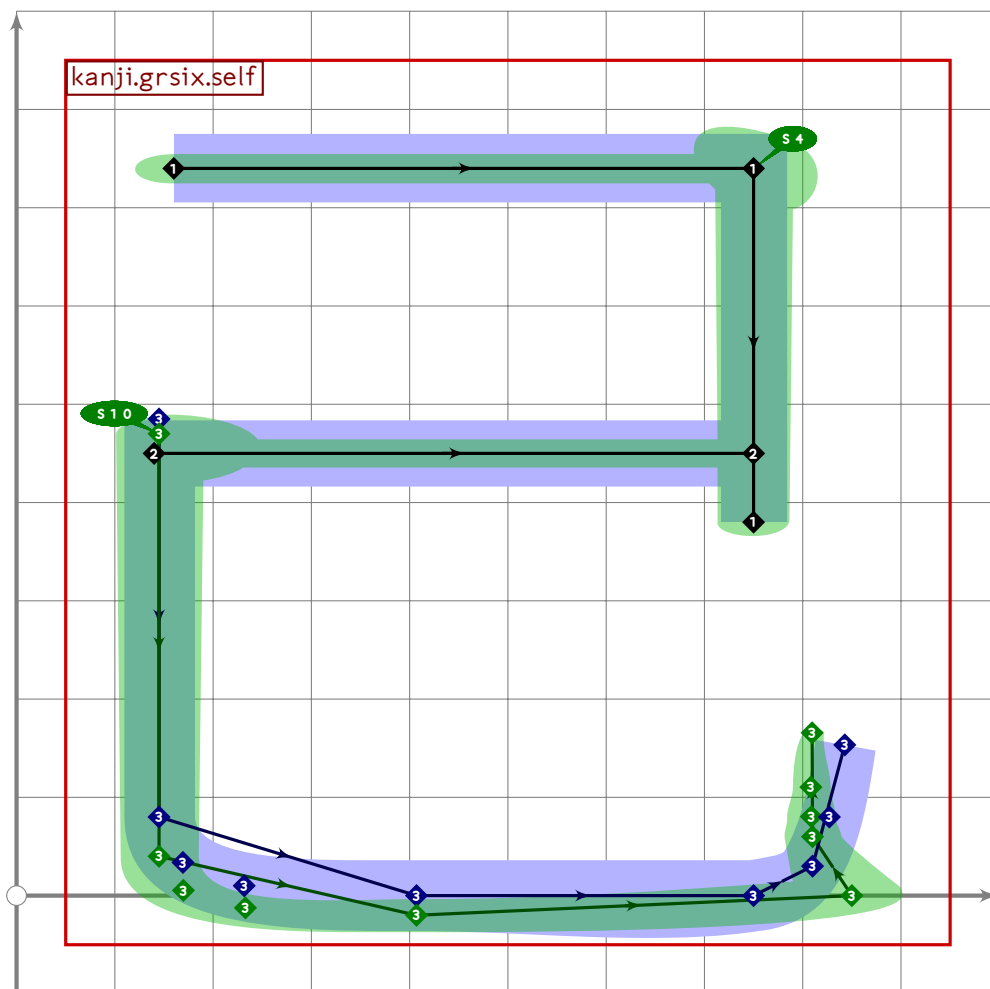


```

203
204 vardef kanji.grsix.rise_up =
205   push_pbox_toexpand("kanji.grsix.rise_up");
206   build_kanji.tb(280,-40+10*mincho)
207     (build_kanji.sscale(shifted (500,0) xscaled 1.03 shifted (-500,0))
208       (kanji.grfour.become))
209     (kanji.grthree.dish);
210   expand_pbox;
211 enddef;

```

SIX

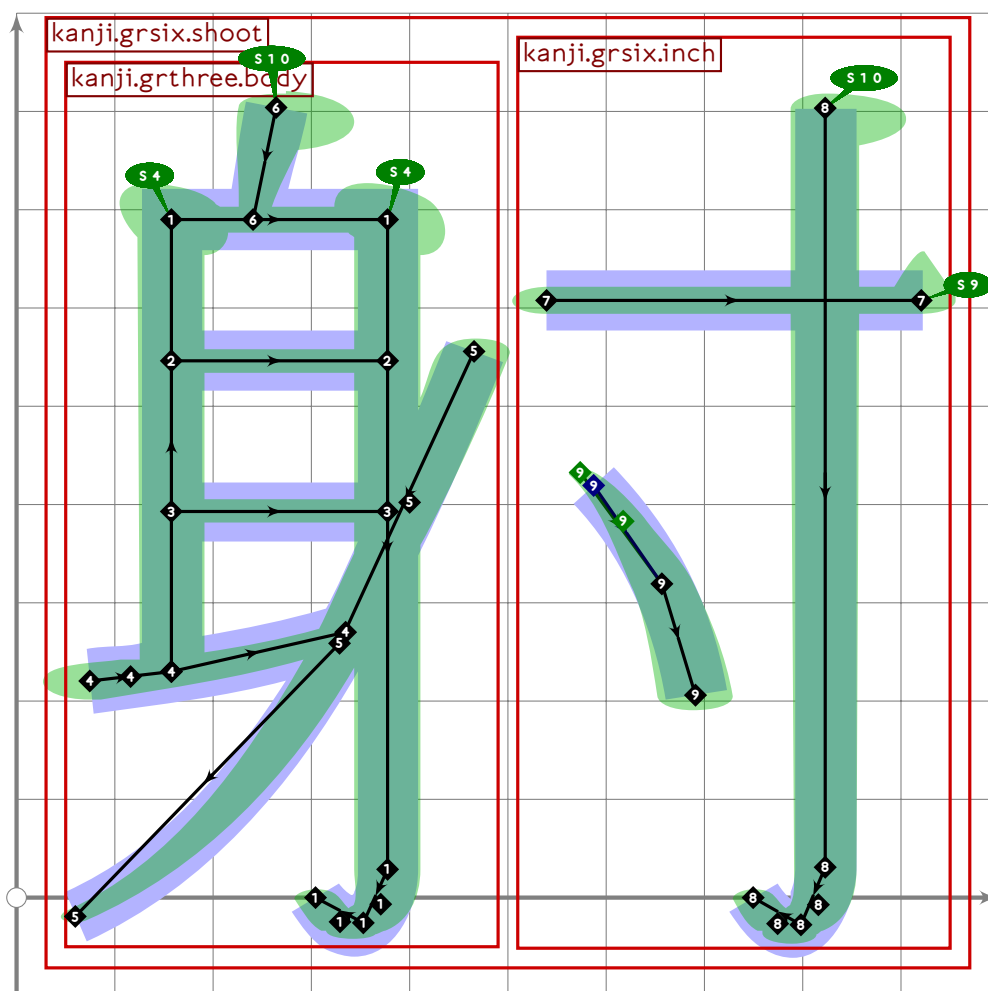


SIX

```

212
213 vardef kanji.grsix.self =
214   push_pbox_toexpand("kanji.grsix.self");
215   push_stroke((160,740)-(750,740)-(750,380),
216     (1.6,1.6)-(1.6,1.6)-(1.5,1.5));
217   set_botip(0,1);
218   set_boserif(0,14);
219   push_stroke((140,450)-(750,450),
220     (1.5,1.5)-(1.5,1.5));
221   push_stroke((145,485-15*mincho),(1.7,1.7));
222   set_boserif(0,0,10);
223   build_kanji.add_ltail(0);
224   expand_pbox;
225 enddef;

```



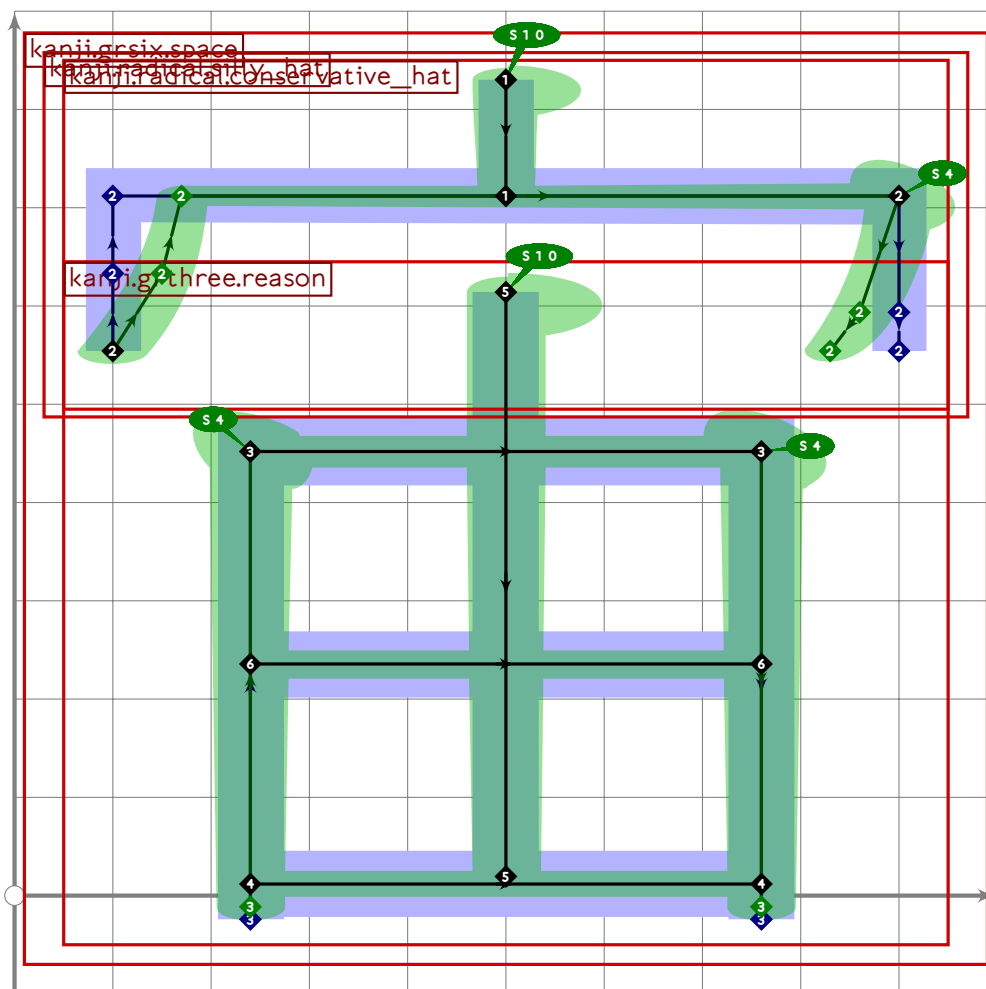
```

226
227 vardef kanji.grsix.shoot =
228   push_pbox_toexpand("kanji.grsix.shoot");
229   build_kanji.level(build_kanji.lr(500;-20)
230     (kanji.grthree.body)
231     (tsu_xform(identity yscaled 1.03)(kanji.grsix.inch)));
232   expand_pbox;
233 enddef;

```

SIX

U+5B99
tsuku.uni5B99

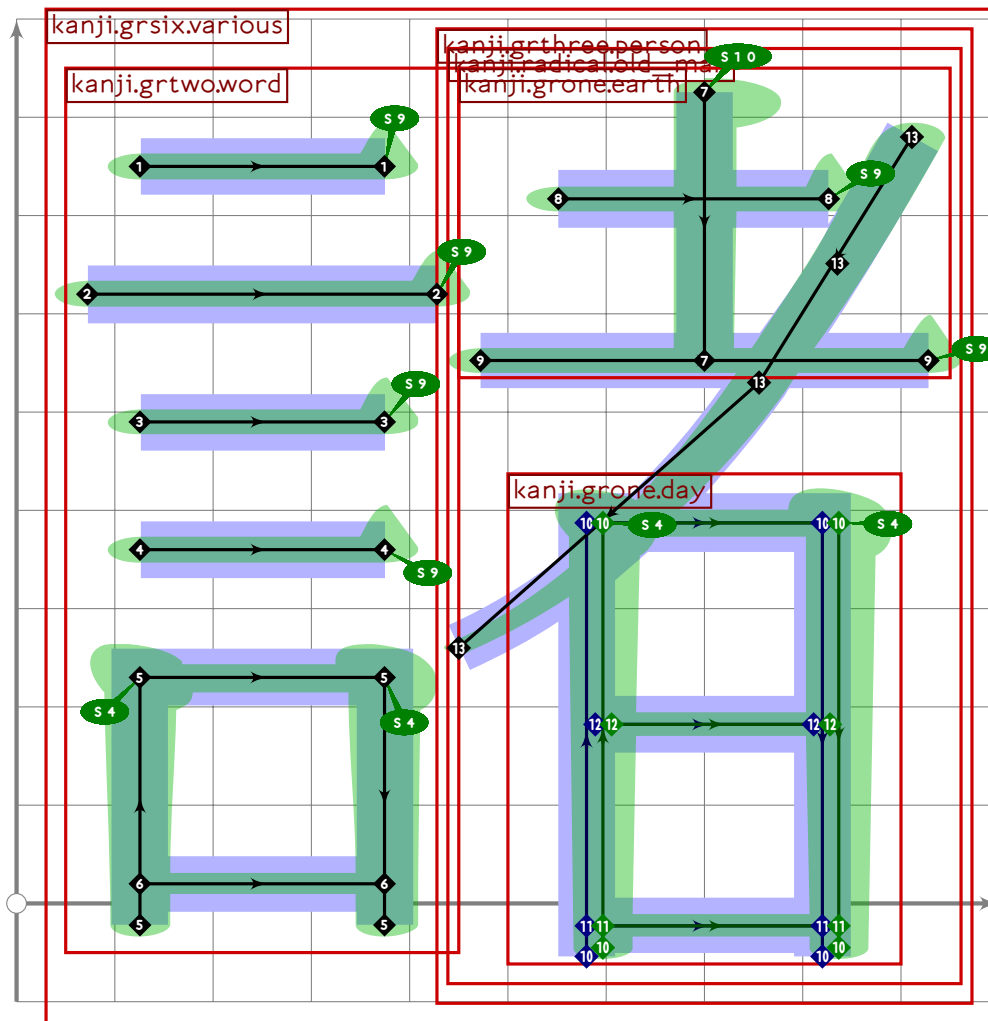


SIX

```

234
235 vardef kanji.grsix.space =
236   push_pbox_toexpand("kanji.grsix.space");
237   build_kanji.tb(570,150)
238     (kanji.radical.silly_hat)
239     (kanji.grthree.reason);
240   expand_pbox;
241 enddef;

```

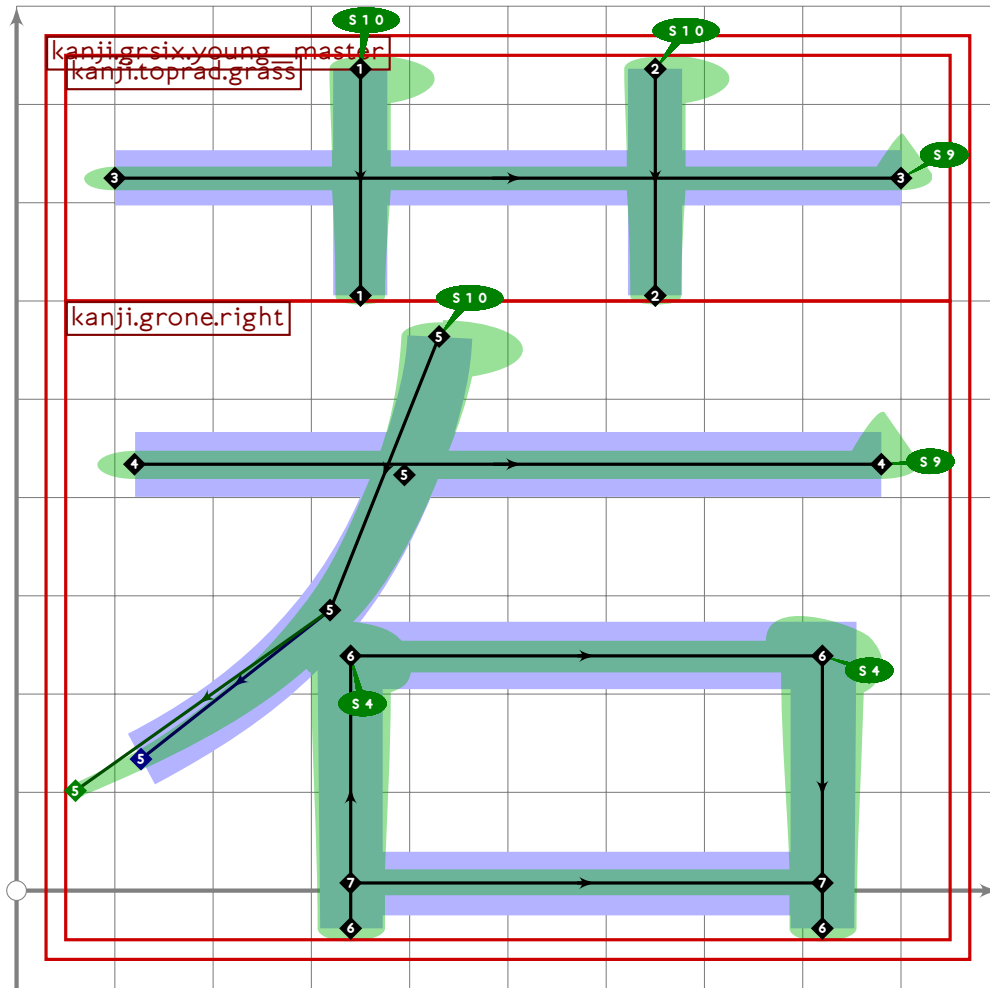
```

242
243 vardef kanji.grsix.various =
244   push_pbox_toexpand("kanji.grsix.various");
245   build_kanji.level(build_kanji.lr(450,0)
246     (kanji.grtwo.word)
247     (kanji.grthree.person));
248   expand_pbox;
249 enddef;

```

SIX

U+82E5
tsuku.uni82E5



```

250
251 vardef kanji.grsix.young_master =
252   push_pbox_toexpand("kanji.grsix.young_master");
253   build_kanji.tb(600,0)
254     (kanji.toprad.grass)
255     (kanji.grone.right);
256   expand_pbox;
257 enddef;

```

SIX