

作りましょう 0.11

パラメタ方式フォントファミリ
校とプリティプリントのソース

Tsukurimashou 0.11

Parametric Font Family
Proofs and pretty-printed
source code

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Proofs and pretty-printed source code for Tsukurimashou
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Contents

I	Infrastructure	13
	preintro.mp	15
	Infrastructure	15
	Font Parameter Defaults	16
	tsuku-bk.mp	19
	tsuku-kg.mp	20
	tsuku-mg.mp	21
	tsuku-mi.mp	22
	tsuku-ps.mp	24
	tsuku-bq.mp	25
	tsuku-dq.mp	26
	tsuku-el.mp	27
	tsuku-eq.mp	28
	tsuku-lw.mp	29
	intro.mp	30
	fntbase.mp	49
	General Library Functions	49
	Prefix And Suffix Handling	56
	A Module That Finds An Envelope Of A Path Drawn With A Pen	58
	Postscript Font Generation	70
	obstack.mp	92
	Object Stack Data	92
	Object Stack Methods	93
	frac-intro.mp	98
	latin-intro.mp	100
	accent.mp	104
	bcircle.mp	115
	bkencl.mp	118
	buildkanji.mp	125
	dakuten.mp	138
	enclosed.mp	139
	genjimon.mp	141
	hiragana.mp	153
	Hiragana Vowels	153
	Hiragana Kakikukeko/Gagigugego	158

Hiragana Sashisuseso/Zajizuzezo	163
Hiragana Tachitsuteto/Dajizudedo	169
Hiragana Naninuneno	174
Hiragana Hahifuheho/Babibubebo/Papipupepo	180
Hiragana Mamimumemo	185
Hiragana Yayuyo	191
Hiragana Rarirurero	193
Hiragana Wawiwewo/N/Iteration	199
iching.mp	207
katakana.mp	209
Katakana Vowels	209
Katakana Kakikukeko/Gagigugego	213
Katakana Sashisuseso/Zajizuzezo	218
Katakana Tachitsuteto/Dajizudedo	223
Katakana Naninuneno	228
Katakana Hahifuheho/Babibubebo/Papipupepo	233
Katakana Mamimumemo	239
Katakana Yayuyo	243
Katakana Rarirurero	246
Katakana Wawiwewo/N/Iteration	252
latin.mp	258
numerals.mp	347
ogonek.mp	358
punct.mp	370
serif.mp	412
 II Shared kyouiku kanji	 419
gradeone.mp	421
gradetwo.mp	493
gradethree.mp	600
gradefour.mp	683
gradefive.mp	765
gradesix.mp	817
 III Other shared kanji	 841
bottomrad.mp	843
leftrad.mp	847

radical.mp	857
rightrad.mp	903
toprad.mp	909
gradeeight.mp	917
gradenine.mp	987
gradeten.mp	1031
rare.mp	1032

IV U+0000 to U+0FFF 1109

tsuku-00.mp	1111
Ascii	1111
Latin-1 Extra Characters	1205
Accented Latin	1226
tsuku-01.mp	1284
Latin Extended A Uppercase	1284
Latin Extended A Lowercase	1339
Latin Extended A Other	1397
tsuku-02.mp	1399
Latin Extended B	1399
Spacing Modifier Letters	1400
tsuku-03.mp	1409
Combining Diacritical Marks	1409

V U+1000 to U+2FFF 1425

tsuku-20.mp	1427
General Punctuation	1427
tsuku-21.mp	1444
Symbols Required By Mes-1	1444
tsuku-24.mp	1450
Circled Numerals	1450
Circled Latin And Zero	1470
Inverted Circled Numerals	1523
Doubly Circled Numerals	1533
One More Inverted Circled Numeral	1543
tsuku-25.mp	1545
Geometric Shapes	1545
tsuku-26.mp	1547

I Ching	1547
tsuku-27.mp	1564
Inverted Circled Numerals	1564
tsuku-2e.mp	1575
Cjk Radicals Supplement	1575
tsuku-2f.mp	1616
Kangxi Radicals	1616
Ideographic Description Characters	1736

VI U+3000 to U+4DFF	1751
tsuku-30.mp	1753
Ideographic Symbols And Punctuation	1753
Hiragana	1773
Katakana	1818
tsuku-31.mp	1865
Phonetic Extensions For Ainu	1865
tsuku-32.mp	1882
Circled Numerals	1882
Circled Katakana	1912
tsuku-34.mp	1960
tsuku-35.mp	1961
tsuku-4d.mp	1962
I Ching	1962

VII U+4E00 to U+56FF	2027
tsuku-4e.mp	2029
tsuku-4f.mp	2062
tsuku-50.mp	2118
tsuku-51.mp	2135
tsuku-52.mp	2150
tsuku-53.mp	2197
tsuku-54.mp	2217
tsuku-55.mp	2226
tsuku-56.mp	2231

VIII	U+5700 to U+5EFF	2239
	tsuku-57.mp	2241
	tsuku-58.mp	2361
	tsuku-59.mp	2427
	tsuku-5a.mp	2442
	tsuku-5b.mp	2448
	tsuku-5c.mp	2502
	tsuku-5d.mp	2525
	tsuku-5e.mp	2534
IX	U+5F00 to U+65FF	2567
	tsuku-5f.mp	2569
	tsuku-60.mp	2634
	tsuku-61.mp	2763
	tsuku-62.mp	2815
	tsuku-63.mp	2834
	tsuku-64.mp	2849
	tsuku-65.mp	2852
X	U+6600 to U+69FF	2887
	tsuku-66.mp	2889
	tsuku-67.mp	2972
	tsuku-68.mp	3099
	tsuku-69.mp	3218
XI	U+6A00 to U+79FF	3317
	tsuku-6a.mp	3319
	tsuku-6b.mp	3381
	tsuku-6c.mp	3394
	tsuku-6d.mp	3444
	tsuku-6e.mp	3459
	tsuku-6f.mp	3475
	tsuku-70.mp	3483
	tsuku-71.mp	3489
	tsuku-72.mp	3498
	tsuku-73.mp	3515

tsuku-74.mp	3518
tsuku-75.mp	3522
tsuku-76.mp	3535
tsuku-77.mp	3558
tsuku-78.mp	3567
tsuku-79.mp	3572

XII U+7A00 to U+89FF	3625
tsuku-7a.mp	3627
tsuku-7b.mp	3677
tsuku-7c.mp	3692
tsuku-7d.mp	3698
tsuku-7e.mp	3809
tsuku-7f.mp	3829
tsuku-80.mp	3836
tsuku-81.mp	3850
tsuku-82.mp	3855
tsuku-83.mp	3887
tsuku-84.mp	3901
tsuku-85.mp	3906
tsuku-86.mp	3908
tsuku-87.mp	3910
tsuku-88.mp	3912
tsuku-89.mp	3943

XIII U+8A00 to U+9FFF	3957
tsuku-8a.mp	3959
tsuku-8b.mp	4051
tsuku-8c.mp	4086
tsuku-8d.mp	4106
tsuku-8e.mp	4110
tsuku-8f.mp	4114
tsuku-90.mp	4131
tsuku-91.mp	4157
tsuku-92.mp	4170
tsuku-93.mp	4177
tsuku-95.mp	4181

tsuku-96.mp	4245
tsuku-97.mp	4273
tsuku-98.mp	4277
tsuku-99.mp	4340
tsuku-9a.mp	4345
tsuku-9b.mp	4350
tsuku-9c.mp	4353
tsuku-9e.mp	4355
tsuku-9f.mp	4360

XIV U+A000 to U+10FFFF	4363
tsuku-f7.mp	4365
Latin Small Caps	4365
tsuku-f9.mp	4392
tsuku-ff.mp	4394
Full-Width Forms	4394
Half-Width Punctuation	4420
Half-Width Katakana	4423
tsuku-1f1.mp	4487
Squared Latin	4487
Inverse Circled Latin	4513
Inverse Squared Latin	4539
tsuku-200.mp	4566
tsuku-20a.mp	4567
tsuku-21c.mp	4568
tsuku-295.mp	4569
tsuku-f17.mp	4570
Combining Dots For I Ching	4570
Miscellaneous	4579
Tomoe Ornaments	4585
Heavy Metal Umlaut	4593
Genjimon	4610
tsuku-ff0.mp	4664
Fraction Numerators	4664
tsuku-ff1.mp	4671
Fraction Denominators	4671

XV Mandeubsida core	4673
hangul.mp	4675
Jamo Combining Operations	4677
jamo-basic.mp	4685
Filler Jamo	4685
Sios/Cieuc/Chieuch Family	4685
Kiyek	4688
Nieun	4689
Tikeut	4691
Rieul	4693
Mieum	4694
Pieup	4695
Sios	4696
Ieung	4696
Cieuc	4698
Chieuch	4698
Khieukh	4699
Thieuth	4700
Phieuph	4701
Hieuh	4703
Mixed Tails	4704
Vowels	4705
jamo-extra.mp	4714
Pansios	4717
Yesieung	4717
Yeorinhieuh	4718
Chitueum And Ceongchieum Variants	4720
Kapyeoun Variants	4721
hglxtb.mp	4722
Hangul Extension B	4722
Hangul Jungseong (Vowel) Jamo Extension B	4722
Hangul Jongseong (Tail) Jamo Extension B	4745
mande-bt.mp	4795
mande-do.mp	4796
mande-sm.mp	4797
hglpage.mp	4798
mande-ll.mp	4800
Hangul Choseong (Lead) Jamo	4800
Hangul Jungseong (Vowel) Jamo	4895

Hangul Jongseong (Tail) Jamo	4966
mande-3l.mp	5055
Hangul Compatibility Jamo	5055
mande-a9.mp	5149
Hangul Choseong (Lead) Jamo Extended A	5149
mande-ac.mp	5179

XVI Mandeubsida alternates	5233
mande-ff2.mp	5235
Hangul Jungseong (Vowel) Jamo	5235
Hangul Jungseong (Vowel) Jamo Extension B	5306
mande-ff3.mp	5330
Hangul Choseong (Lead) Jamo	5330
mande-ff4.mp	5455
Hangul Choseong (Lead) Jamo	5455
mande-ff5.mp	5580
Hangul Choseong (Lead) Jamo	5580
mande-ff6.mp	5705
Hangul Choseong (Lead) Jamo	5705
mande-ff7.mp	5830
Hangul Choseong (Lead) Jamo	5830
Hangul Choseong (Lead) Jamo Extended A	5925

XVII TsuIta	5955
tsuita-common.mp	5957
tsuita-at.mp	5968
tsuita-so.mp	5969
Additional Proofs	5971

XVIII Blackletter Lolita	6025
bll.mp	6027
bll-co.mp	6032
pentacross.mp	6033
Utilities For Pentagrams And Crosses	6033
bll-f5c.mp	6035
Pentagrams	6035

XIX	Kazoemashou	6055
	kazoe-se.mp	6057
	kazoe-ld4.mp	6060
	Math Bold	6060
	Math Bold Italic	6067
	Math Italic	6074

Volume XIII

U+8A00 to U+9FFF

tsuku-8a.mp	8A
tsuku-8b.mp	8B
tsuku-8c.mp	8C
tsuku-8d.mp	8D
tsuku-8e.mp	8E
tsuku-8f.mp	8F
tsuku-90.mp	90
tsuku-91.mp	91
tsuku-92.mp	92
tsuku-93.mp	93
tsuku-95.mp	95
tsuku-96.mp	96
tsuku-97.mp	97
tsuku-98.mp	98
tsuku-99.mp	99
tsuku-9a.mp	9A
tsuku-9b.mp	9B
tsuku-9c.mp	9C
tsuku-9e.mp	9E
tsuku-9f.mp	9F

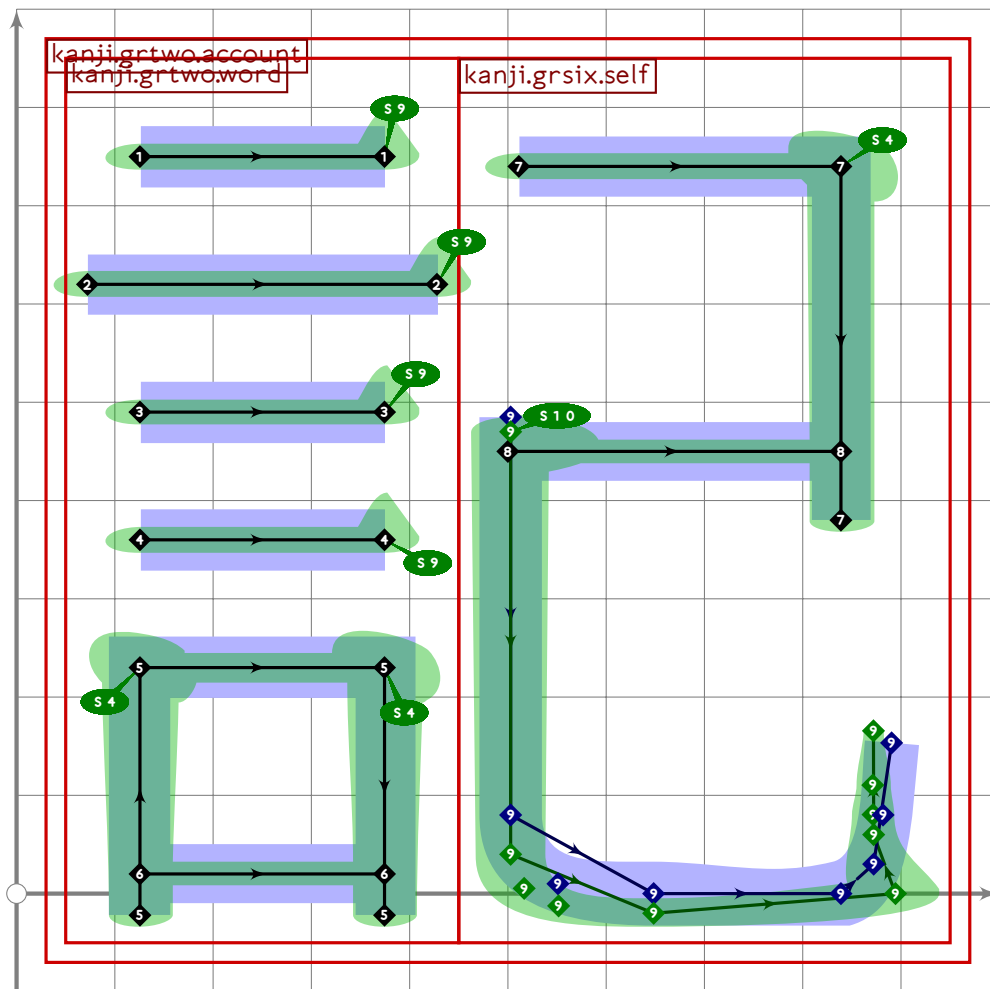

```
1 %
2 % Unicode page 8A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2018, 2019 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradethree.mp;
46 input gradetwo.mp;
47 input leftrad.mp;
48 input radical.mp;
49 input rare.mp;
50 input rightrad.mp;
51 input toprad.mp;
52
53 do_late_includes;
54
55 

---

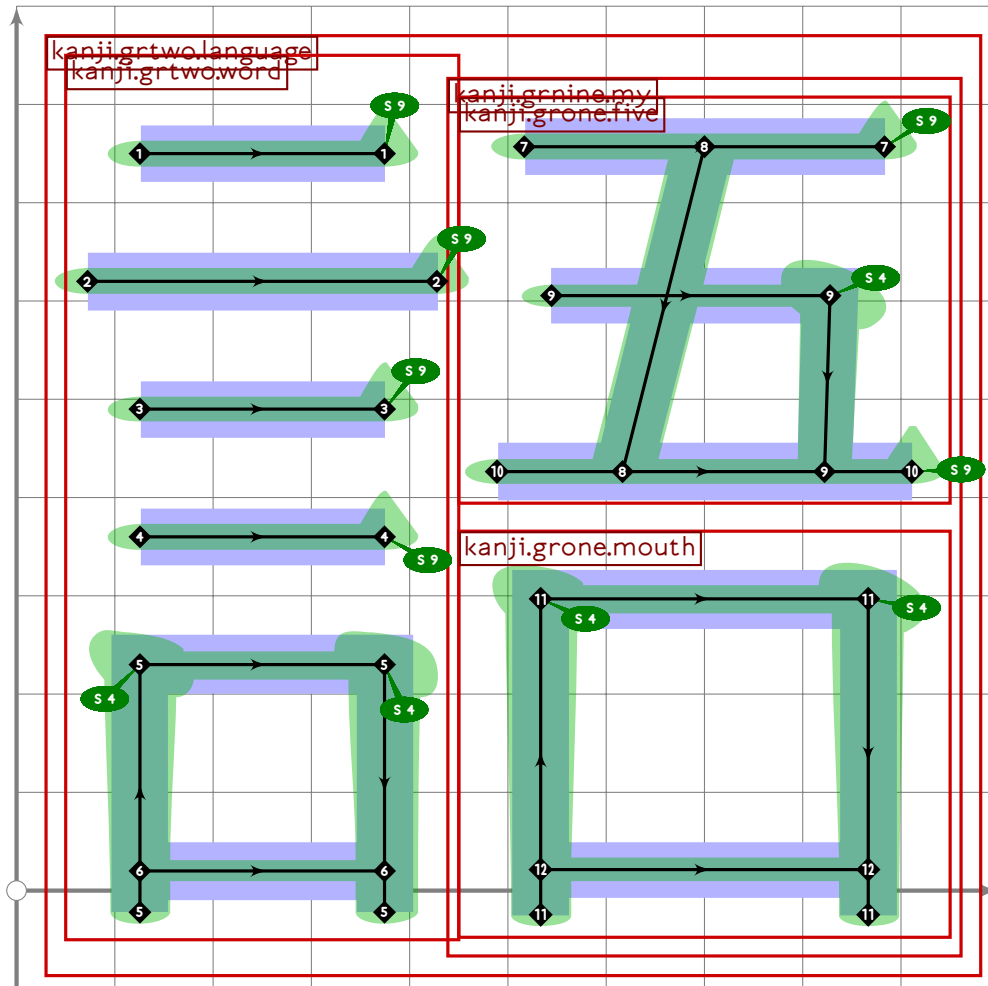

```



```

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

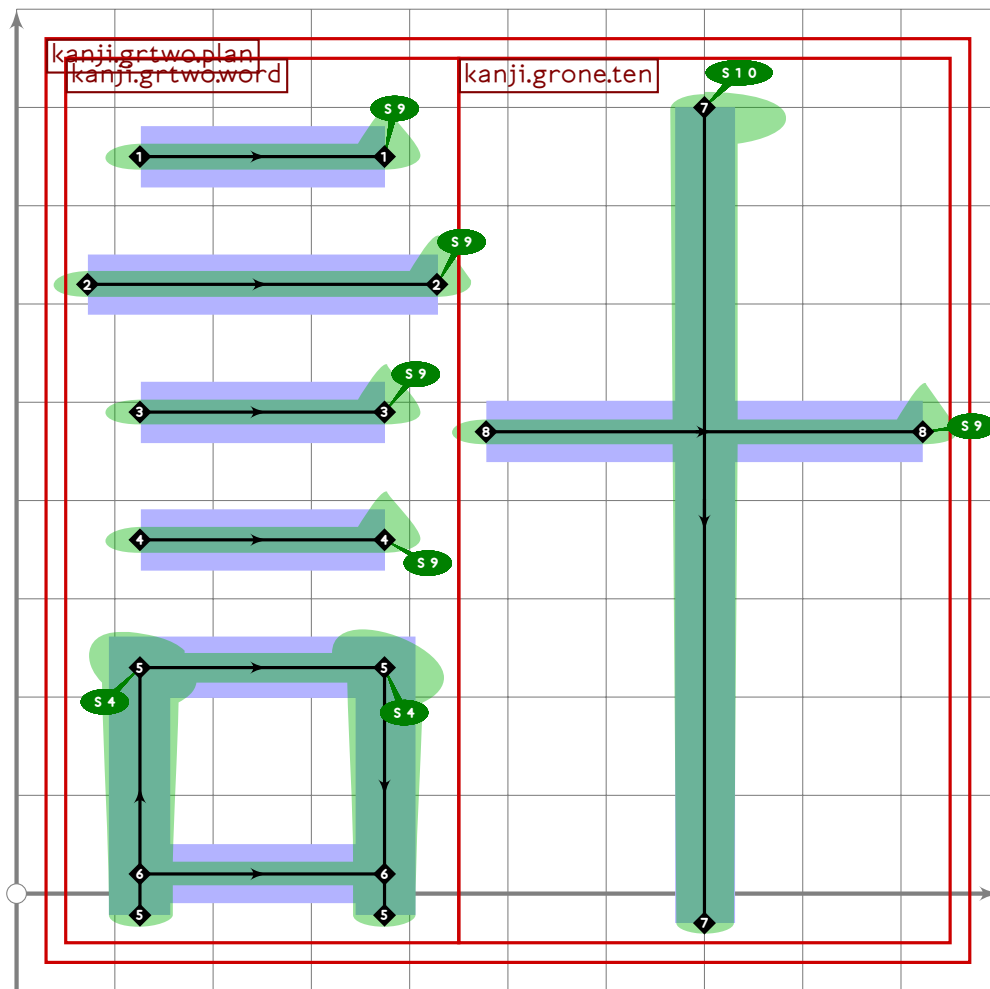
```

```

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

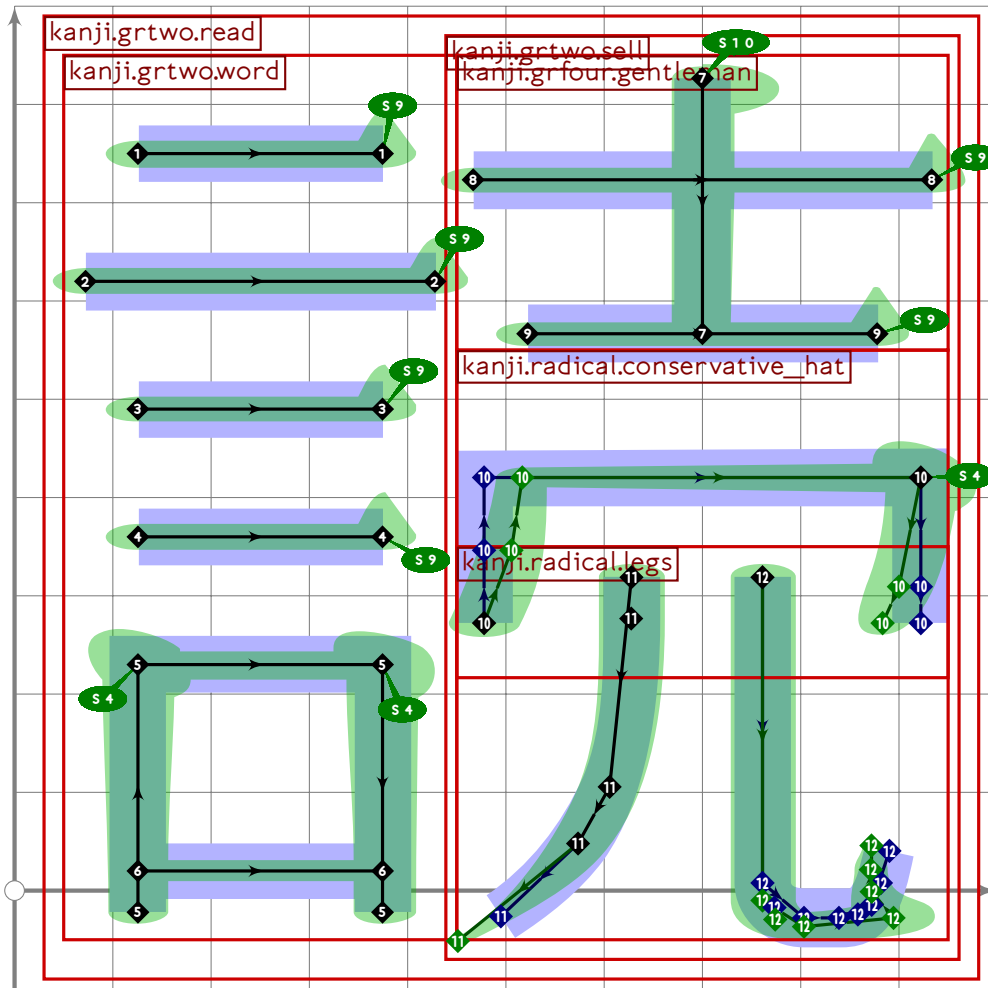
```



```

73
74 vardef kanji.grtwo.plan =
75   push_pbox__toexpand("kanji.grtwo.plan");
76   build_kanji.level(build_kanji.lr(450,0)
77     (kanji.grtwo.word)
78     (kanji.grone.ten;
79       replace_strokep(0)(oldp shifted (0,70))));
80   expand_pbox;
81 enddef;

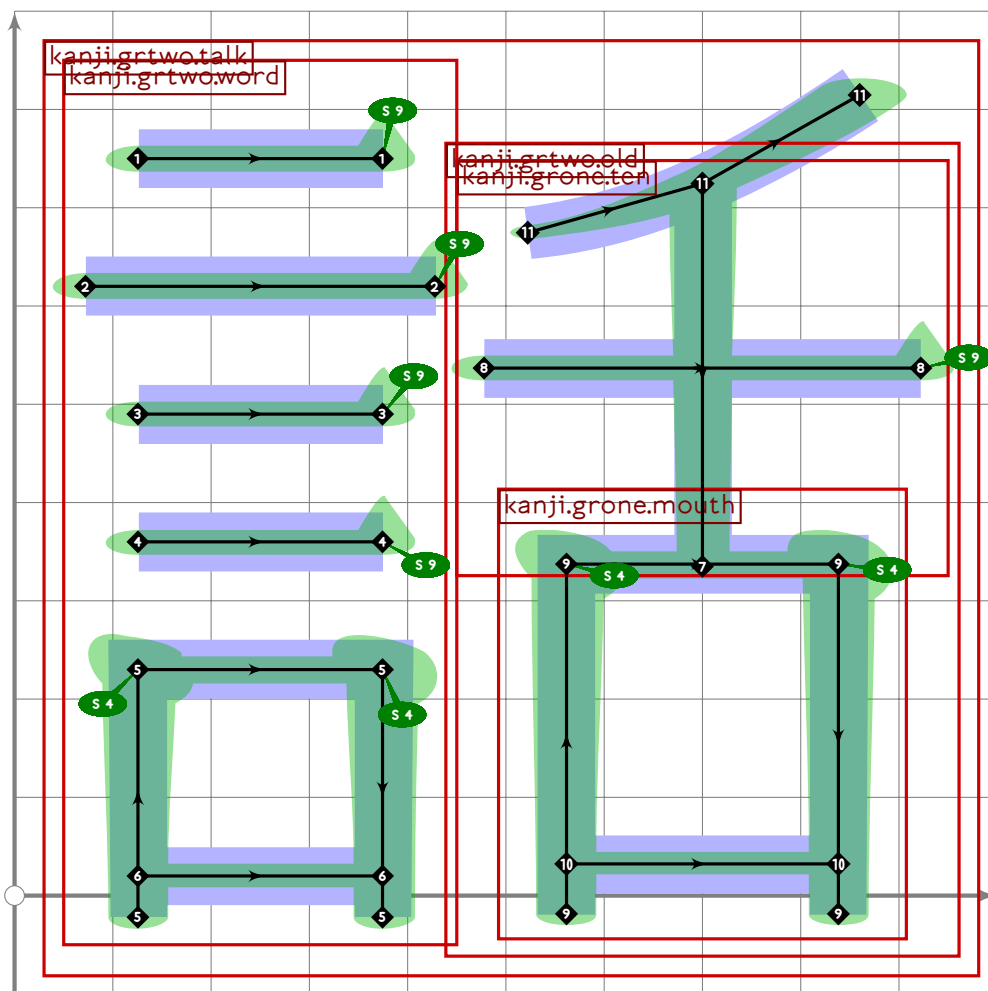
```



```

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

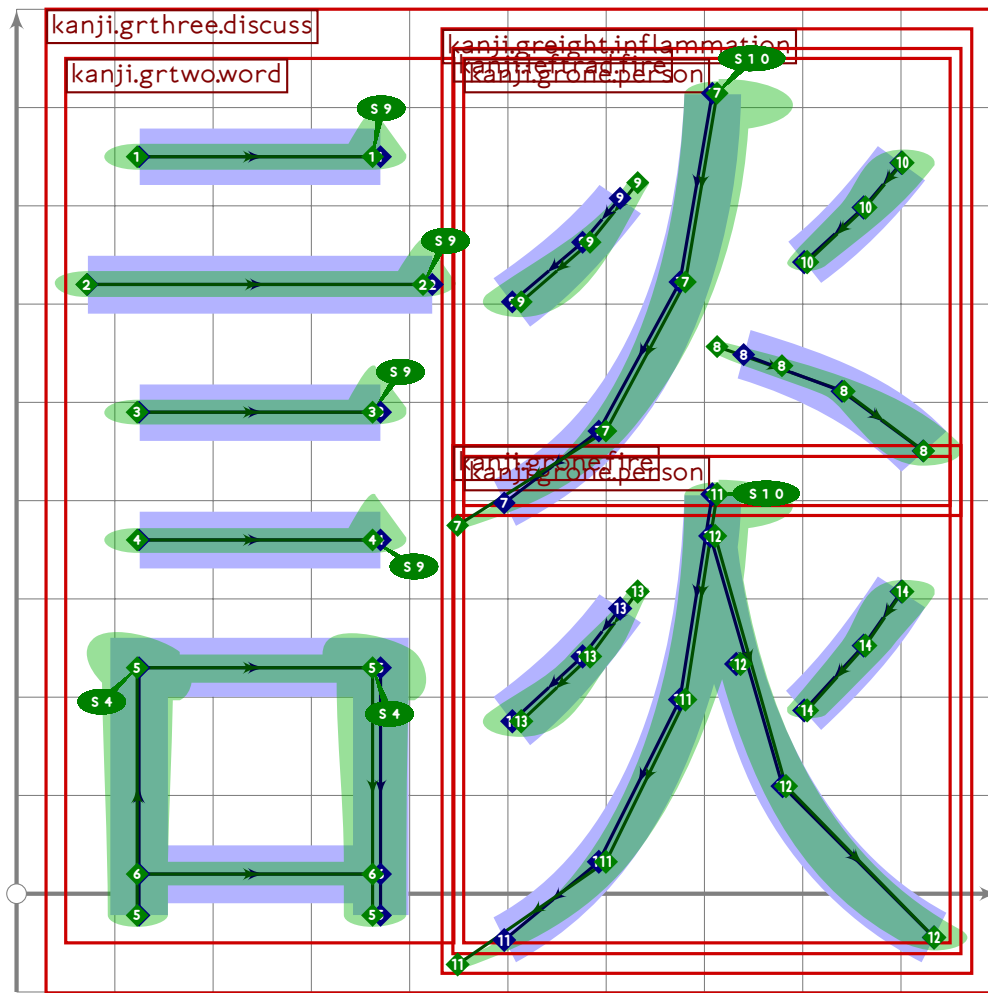
```



```

90
91 vardef kanji.grtwo.talk =
92   push_pbox__toexpand("kanji.grtwo.talk");
93   build_kanji.level(build_kanji.lr(450,0)
94     (kanji.grtwo.word)
95     (build_kanji.add_beret(tsu_xform(identity yscaled 0.88)
96       (kanji.grtwo.old))));
97   expand_pbox;
98 enddef;
99
100

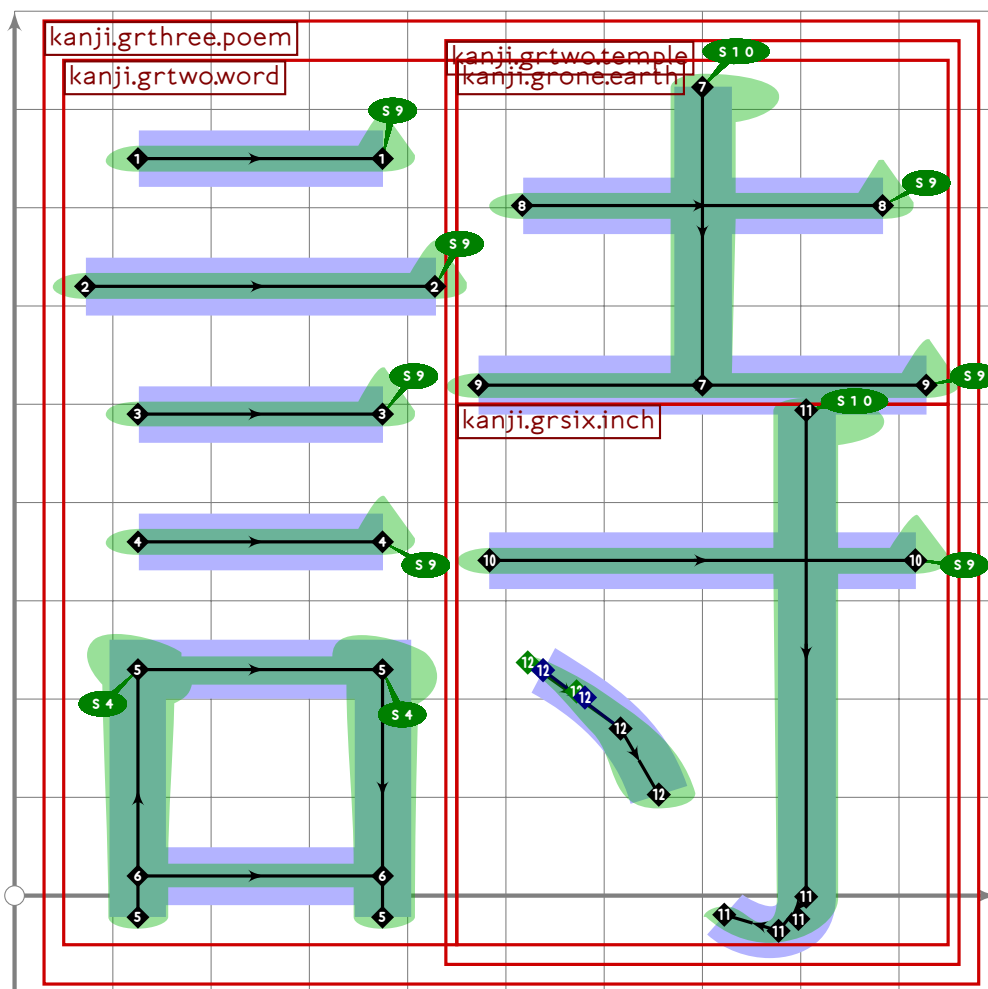
```



```

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

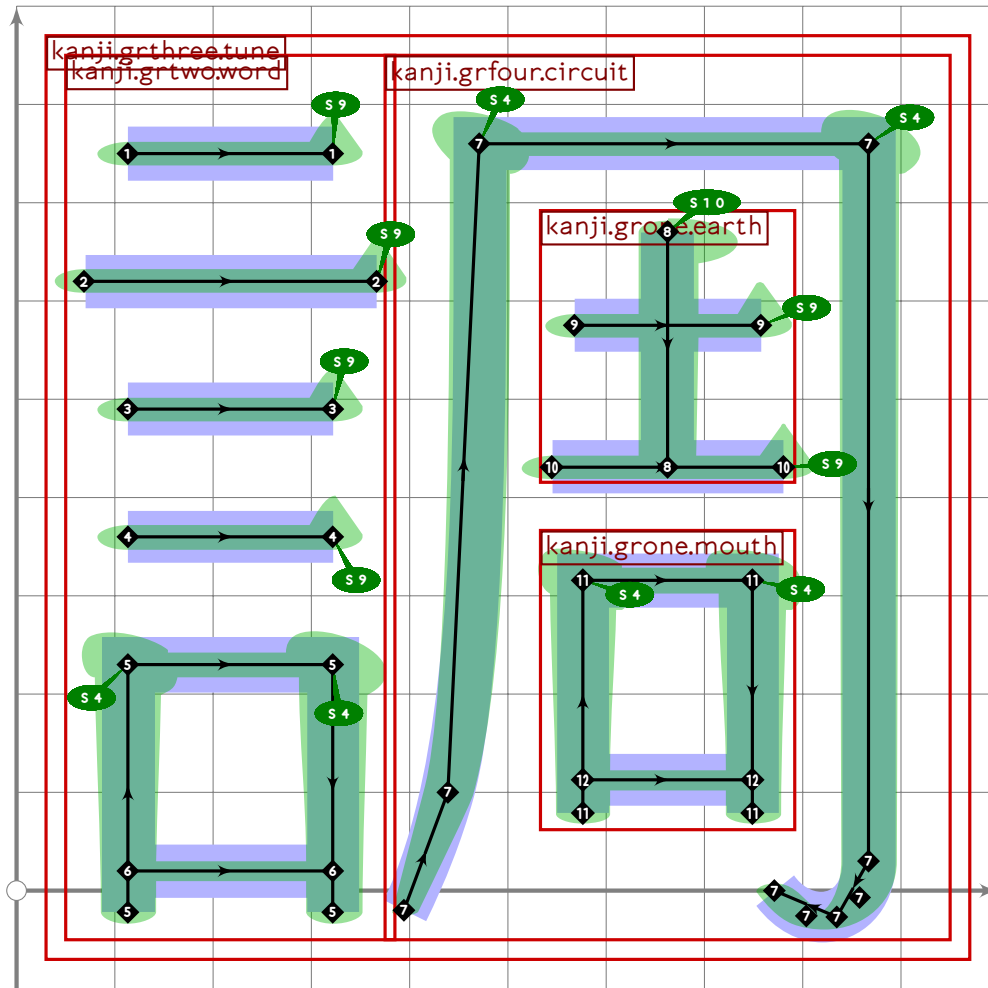
```



```

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

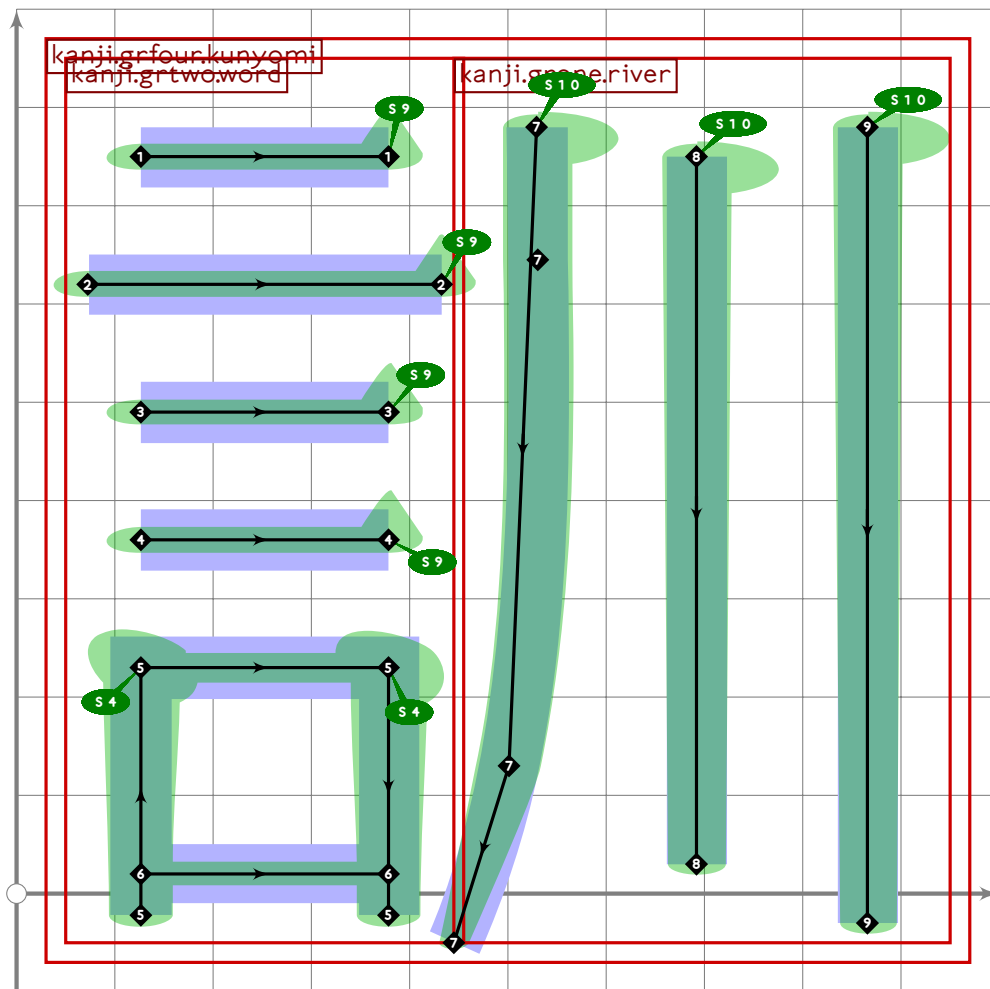
```



```

117
118 vardef kanji.grthree.tune =
119   push_pbox_toexpand("kanji.grthree.tune");
120   build_kanji.level(build_kanji.lr(380,10)
121     (kanji.grtwo.word)
122     (kanji.grfour.circuit));
123   expand_pbox;
124 enddef;
125
126

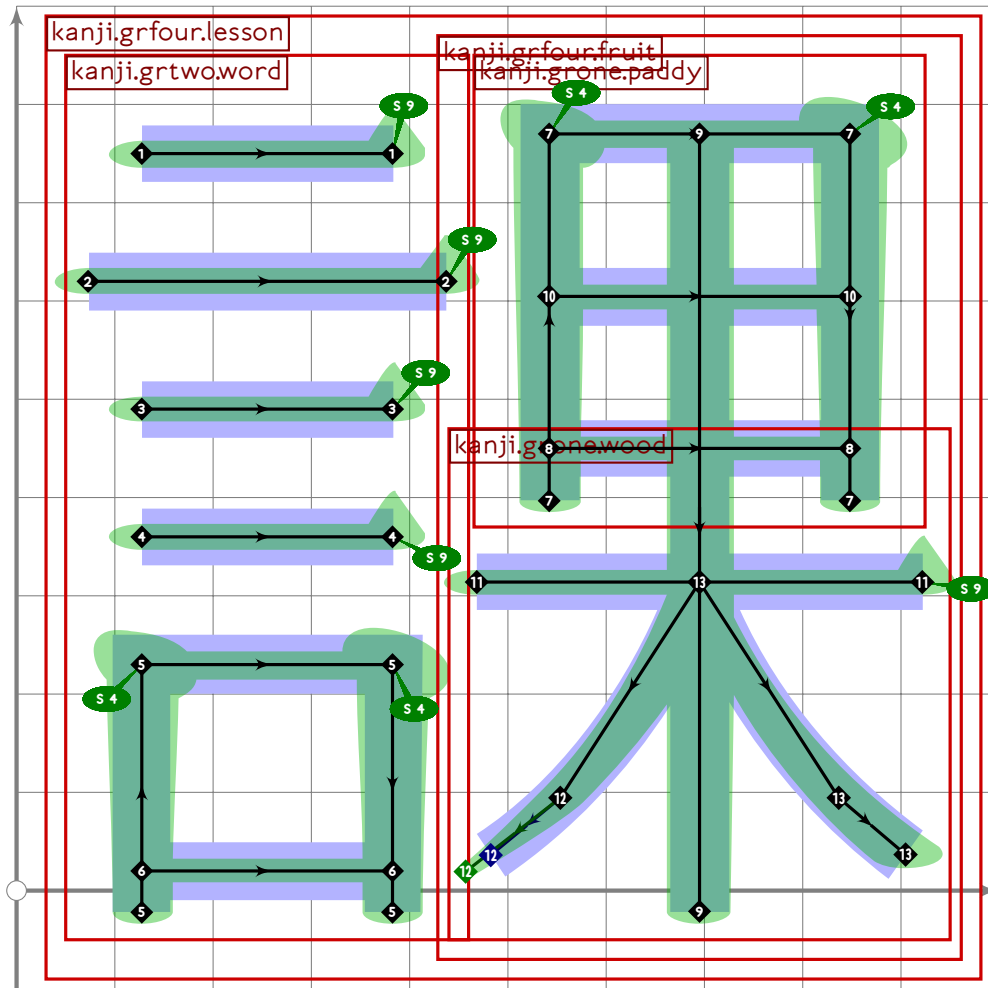
```



```

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

```

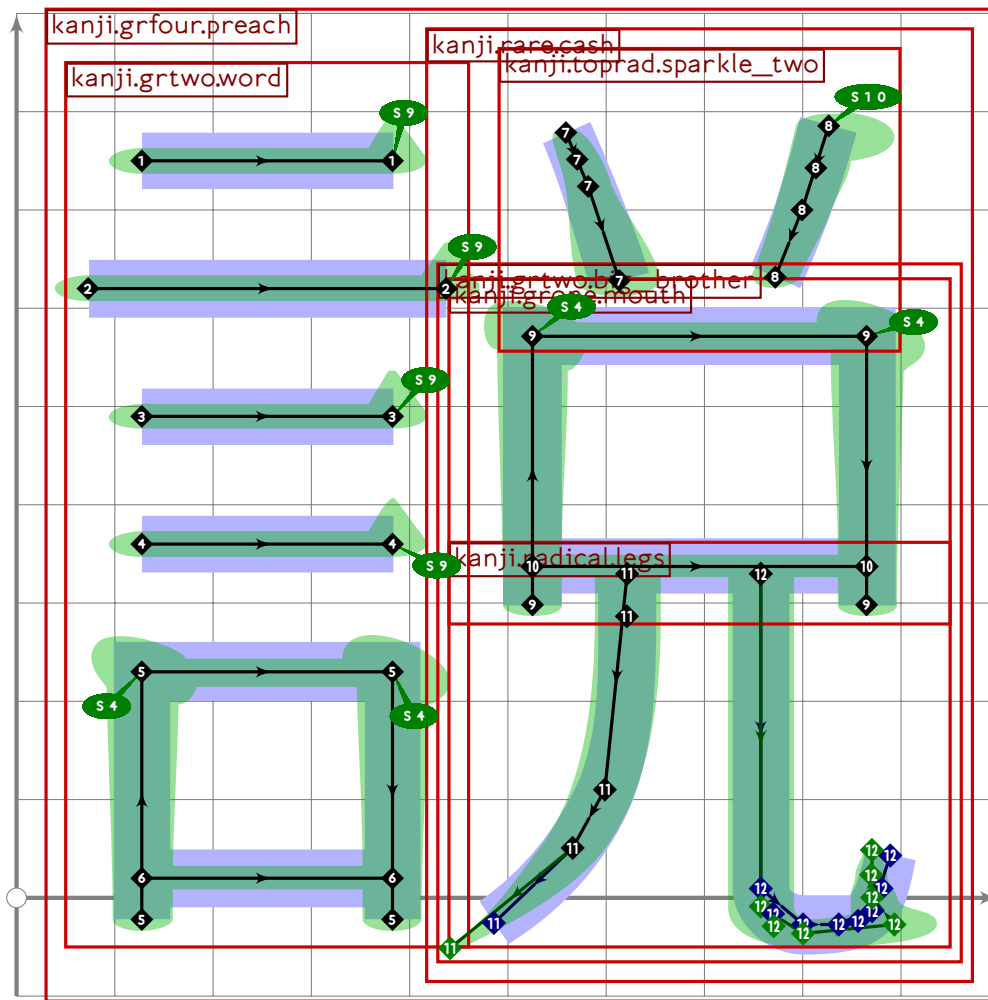



```

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

```

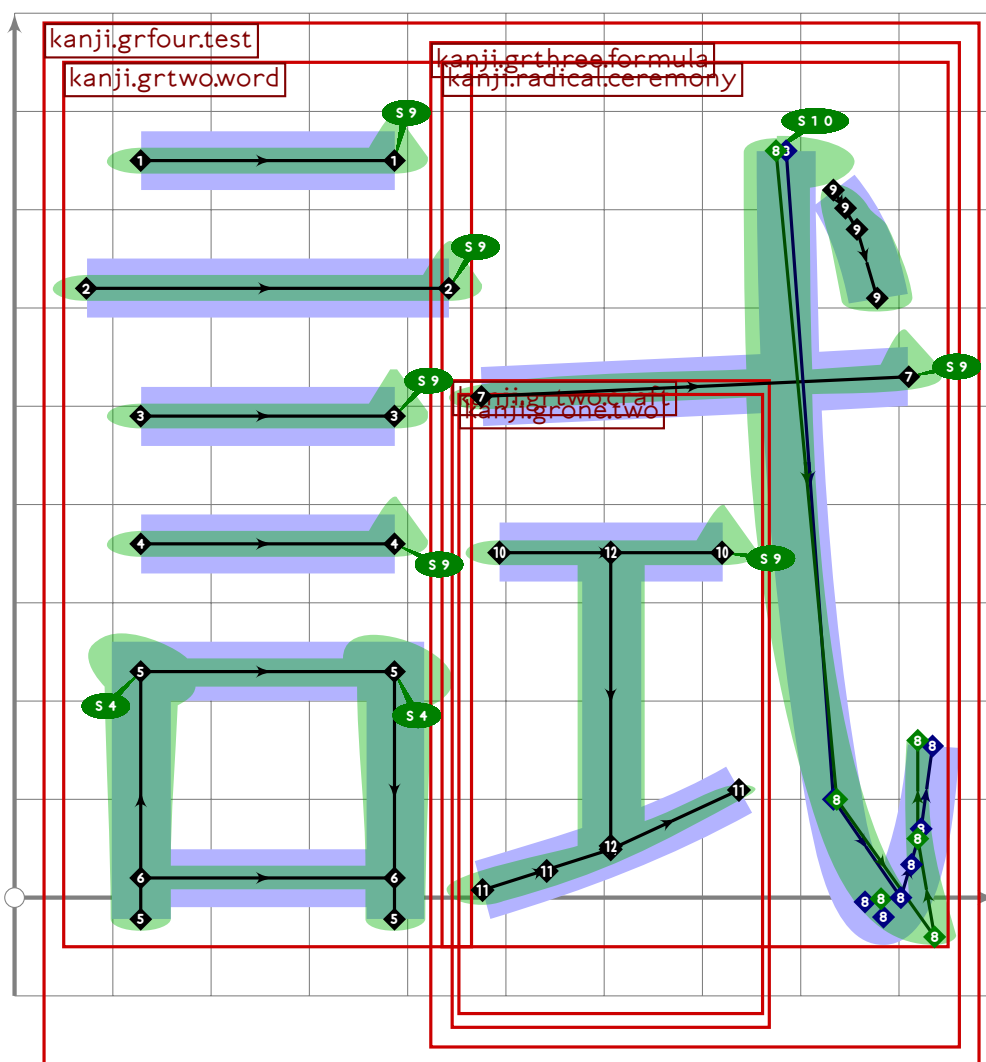
8A



```

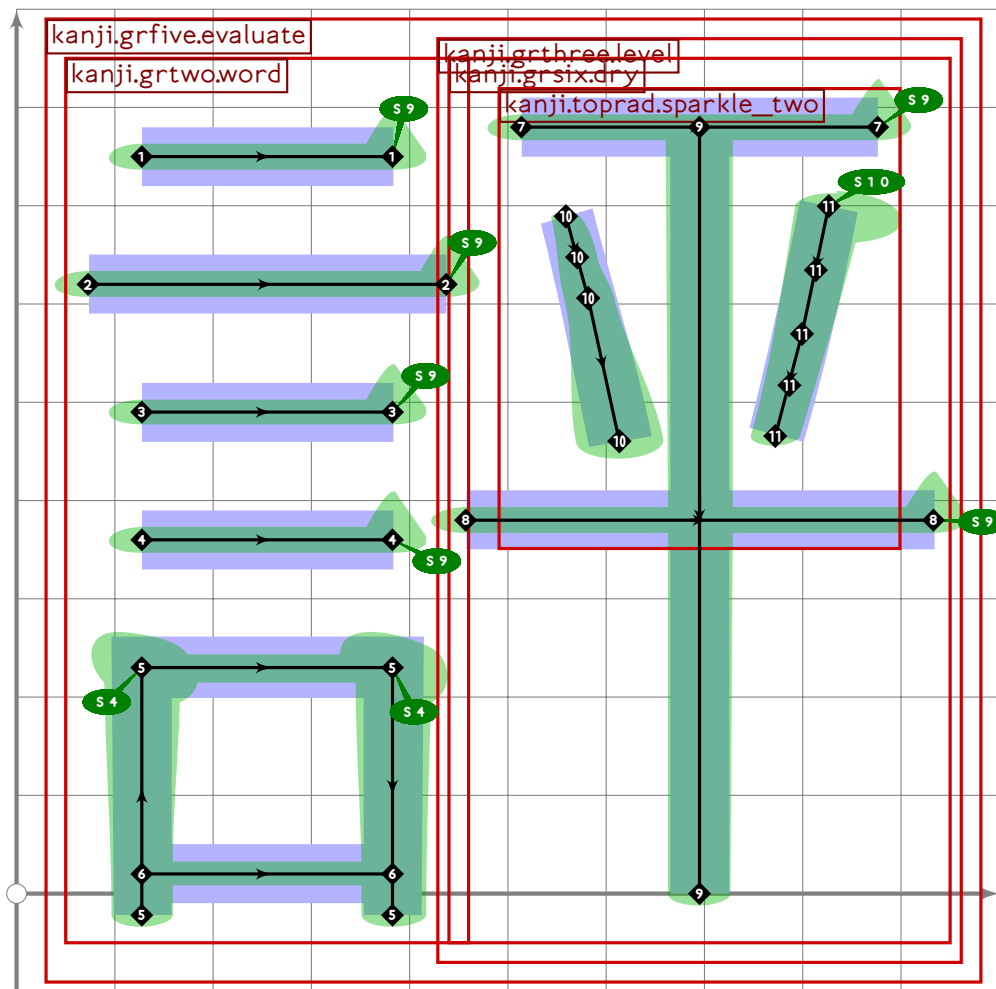
143
144 vardef kanji.grfour.preach =
145   push_pbox_toexpand("kanji.grfour.preach");
146   build_kanji.level(build_kanji.lr(450,20)
147     (kanji.grtwo.word)
148     (kanji.rare.cash));
149   expand_pbox;
150 enddef;

```



```

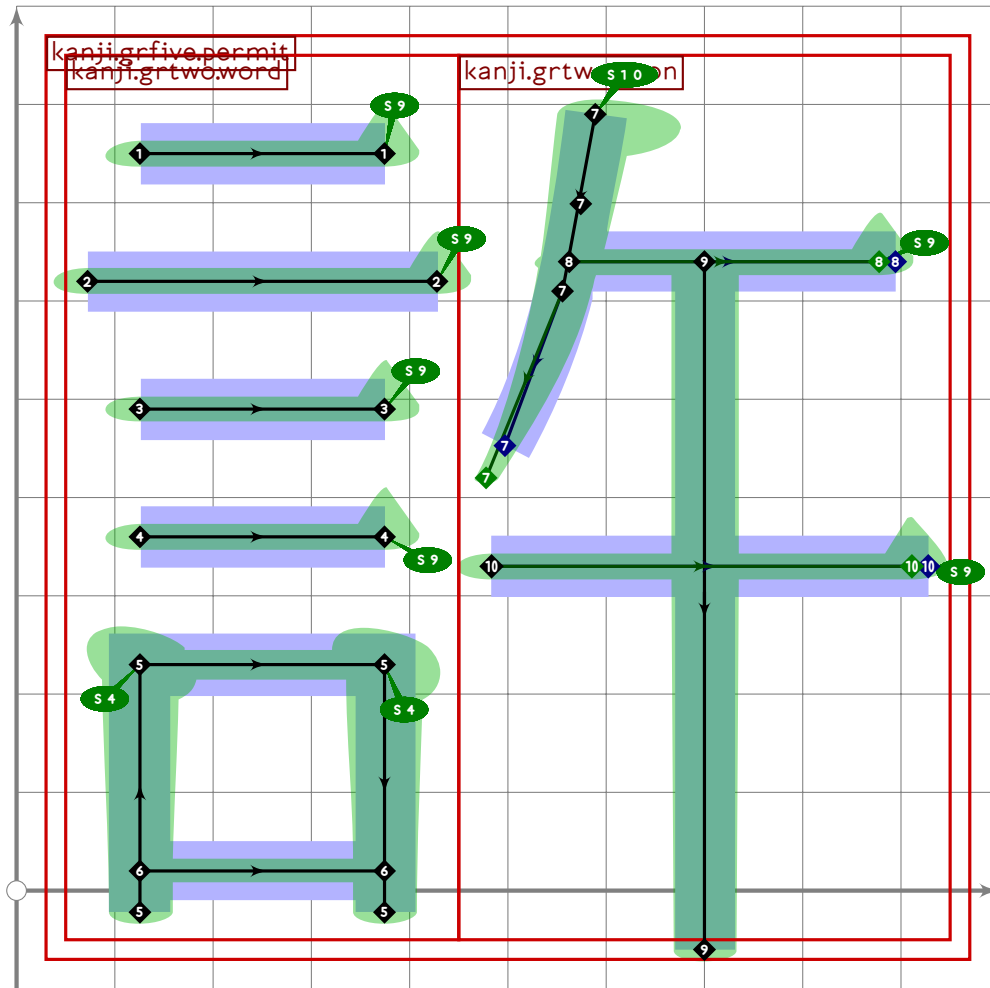
151
152 vardef kanji.grfour.test =
153   push_pbox_toexpand("kanji.grfour.test");
154   build_kanji.level(build_kanji.lr(450,30)
155     (kanji.grtwo.word)
156     (kanji.grthree.formula));
157   expand_pbox;
158 enddef;
159
160
```



```

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

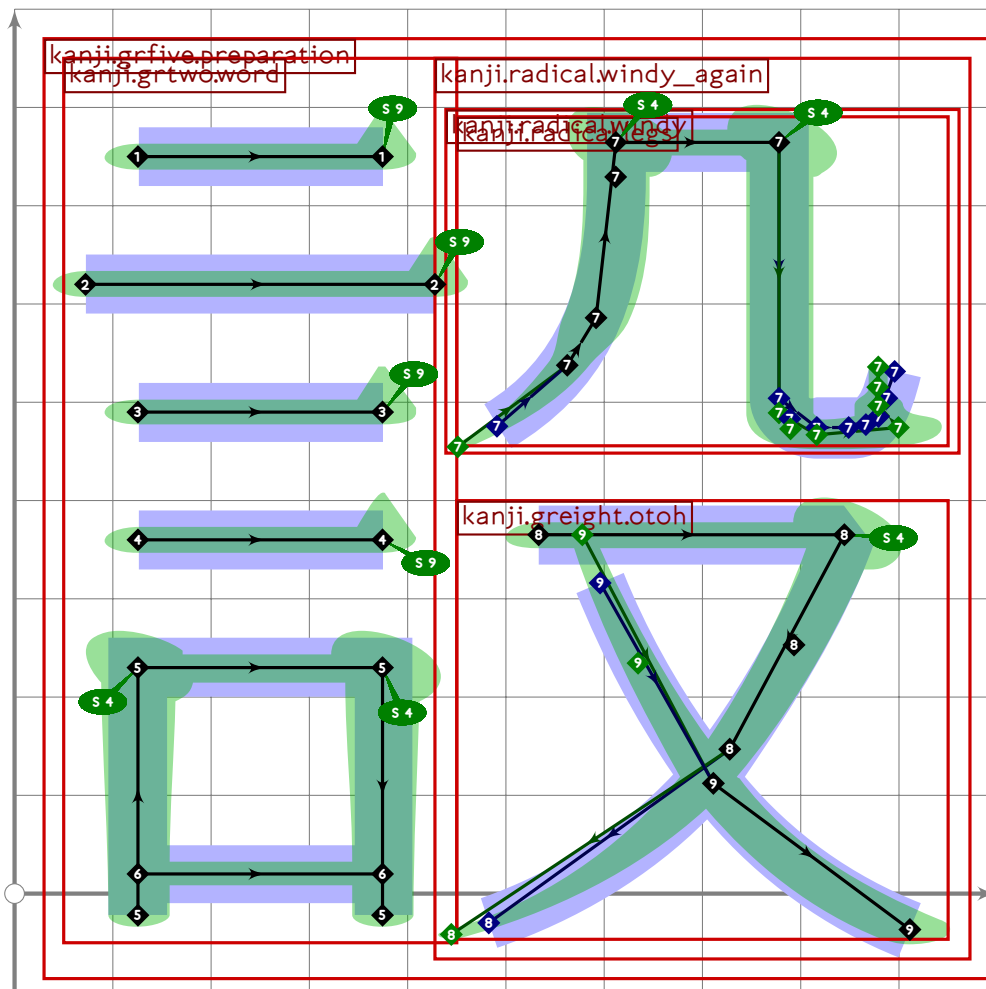
```



```

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

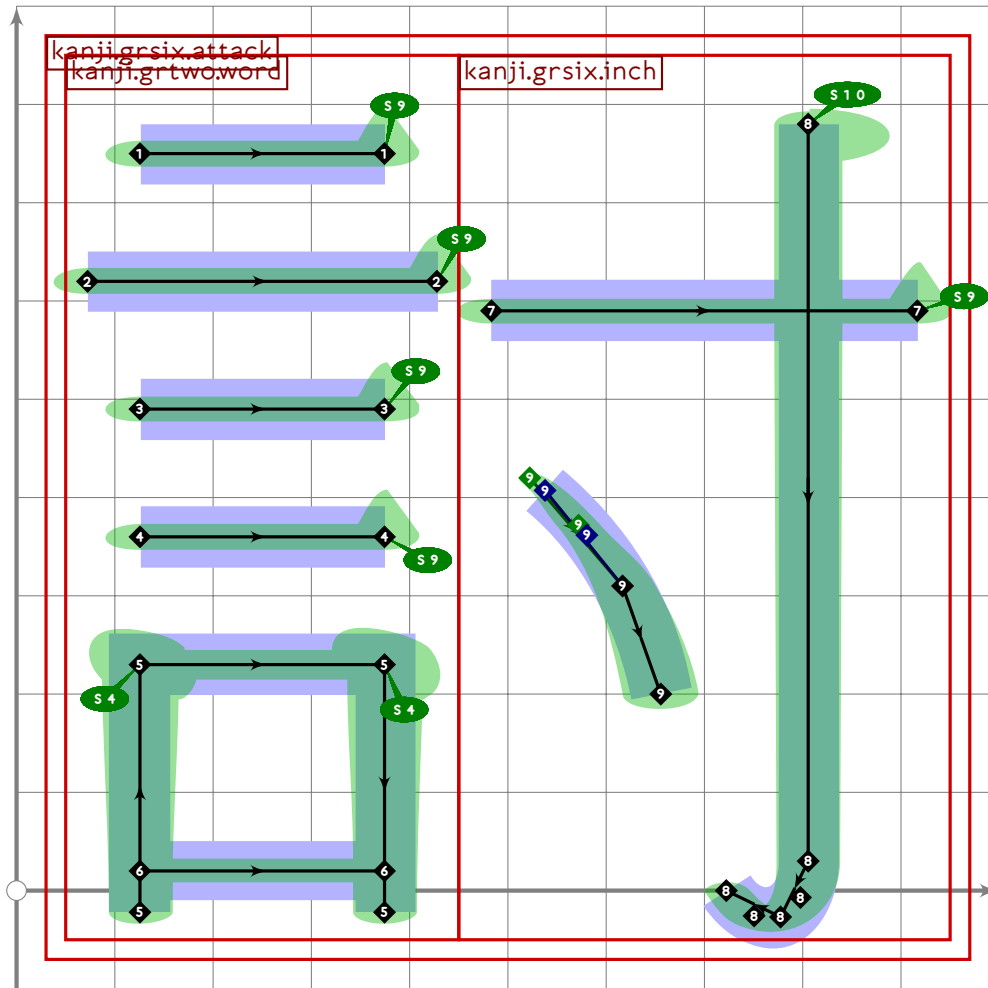
```



```

177
178 vardef kanji.grfive.preparation =
179   push_pbox__toexpand("kanji.grfive.preparation");
180   build_kanji.level(build_kanji.lr(450,0)
181     (kanji.grtwo.word)
182     (kanji.radical.windy_again));
183   expand_pbox;
184 enddef;
185
186

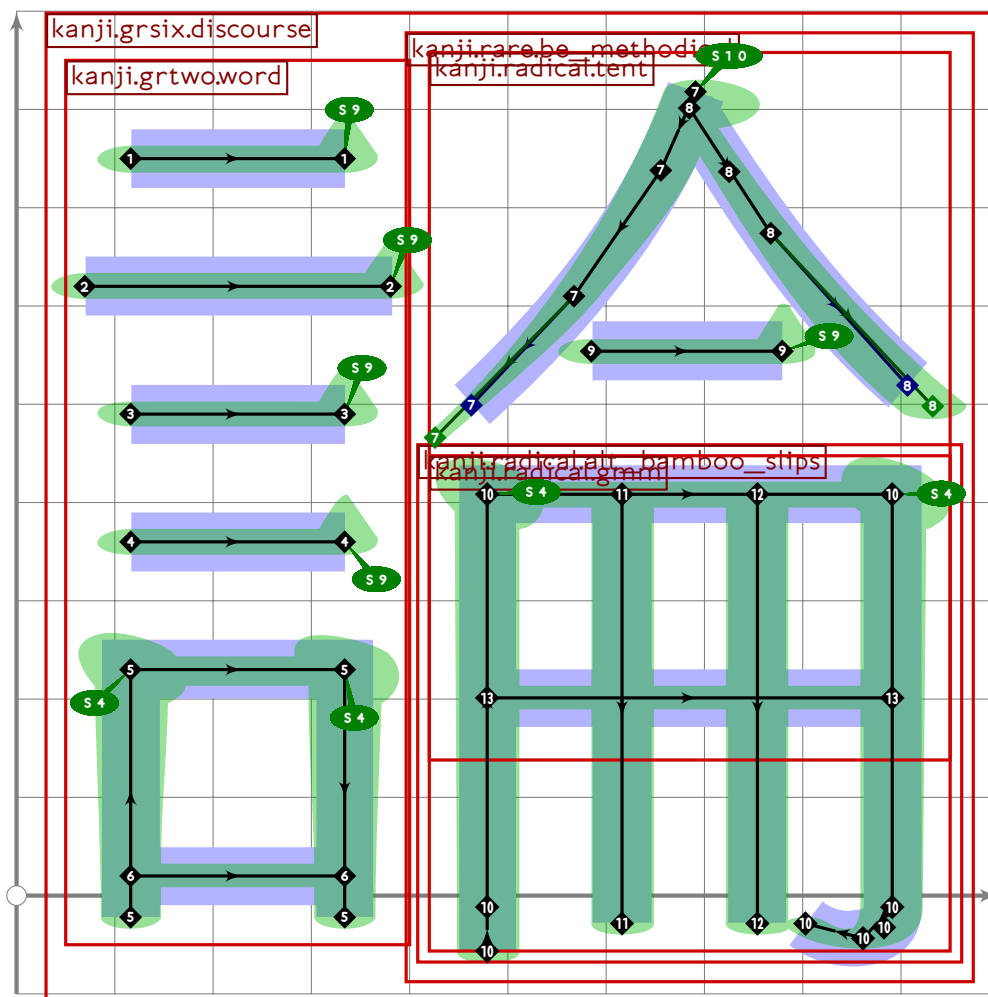
```



```

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

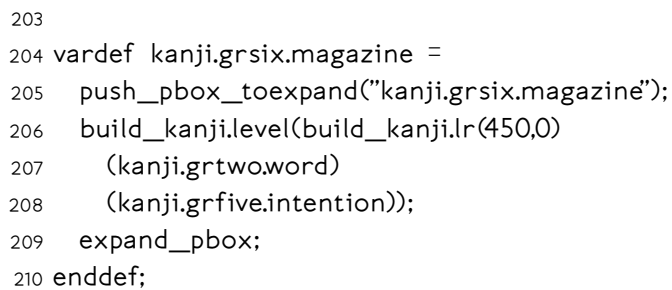
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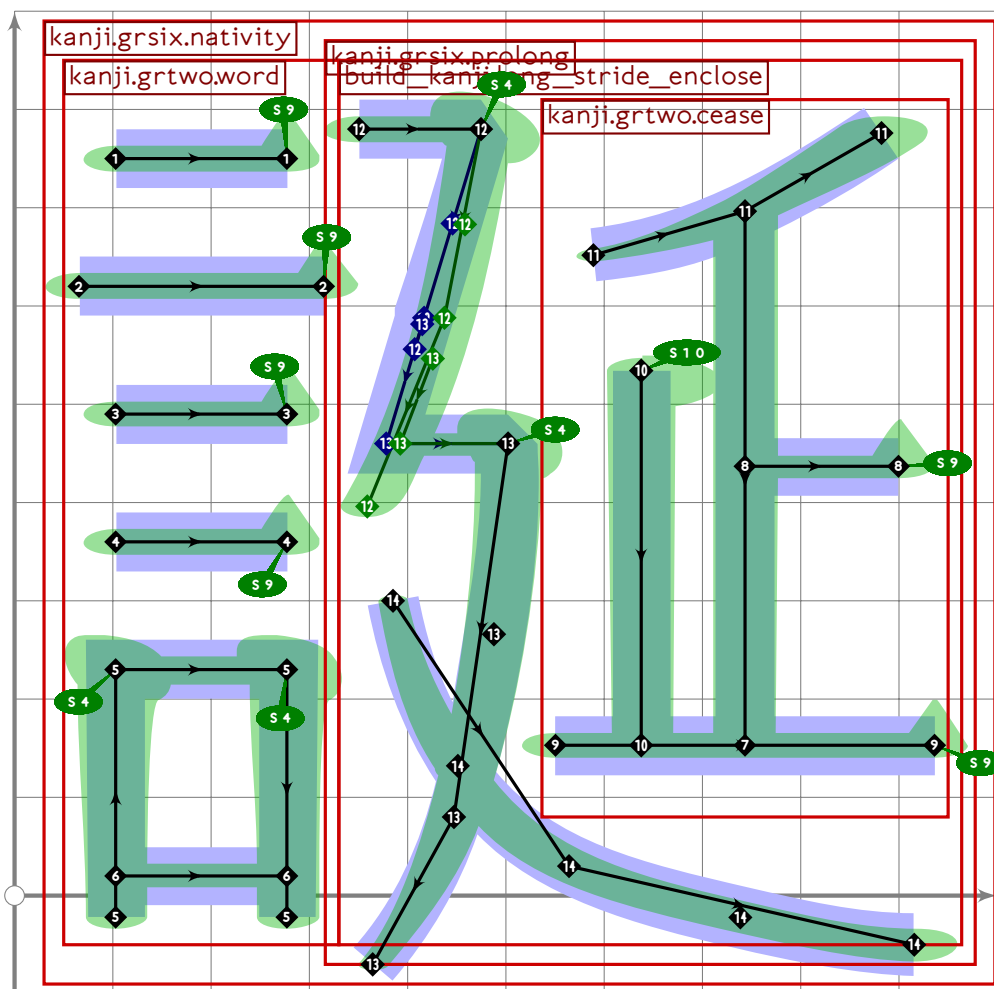


```

195
196 vardef kanji.grsix.discourse =
197   push_pbox_toexpand("kanji.grsix.discourse");
198   build_kanji.level(build_kanji.lr(410;20)
199     (kanji.grtwo.word)
200     (kanji.rare.be_methodical));
201   expand_pbox;
202 enddef;

```

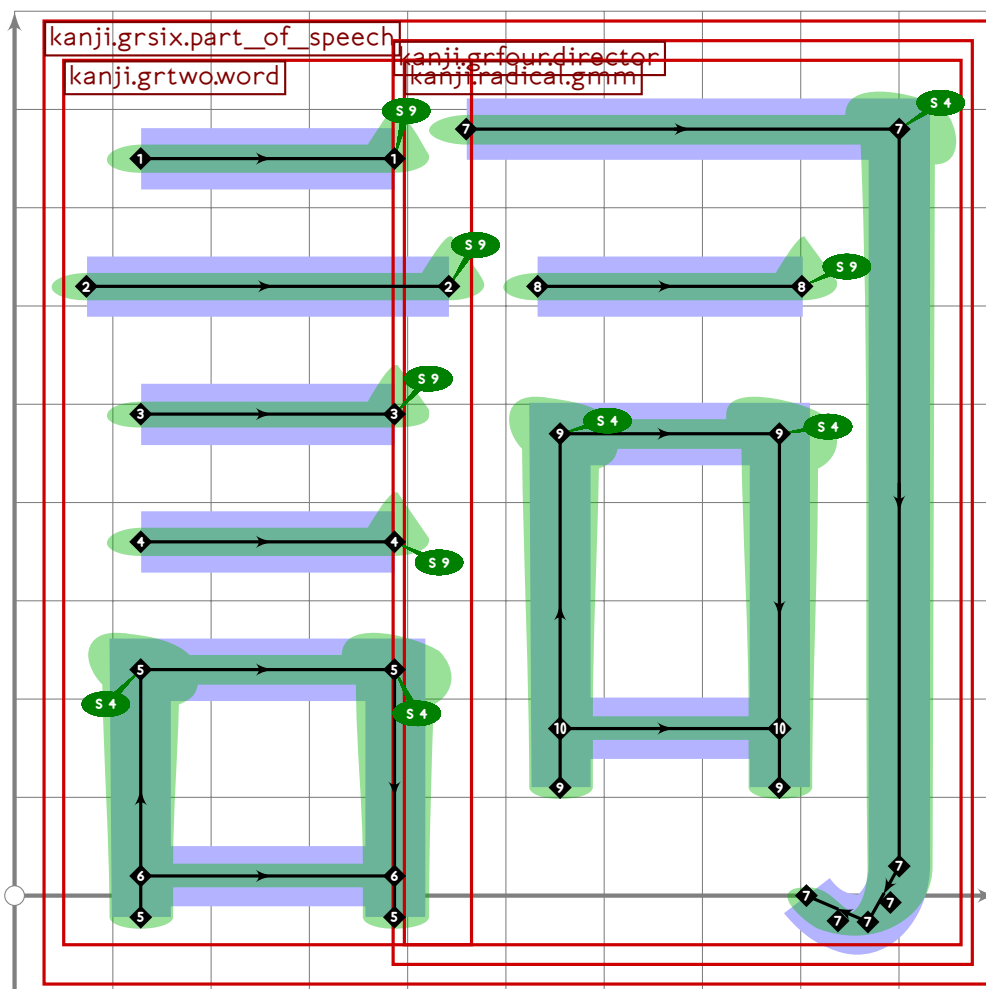





```

211
212 vardef kanji.grsix.nativity =
213   push_pbox_toexpand("kanji.grsix.nativity");
214   build_kanji.level(build_kanji.lr(330,0)
215     (kanji.grtwo.word)
216     (kanji.grsix.prolong));
217   expand_pbox;
218 enddef;

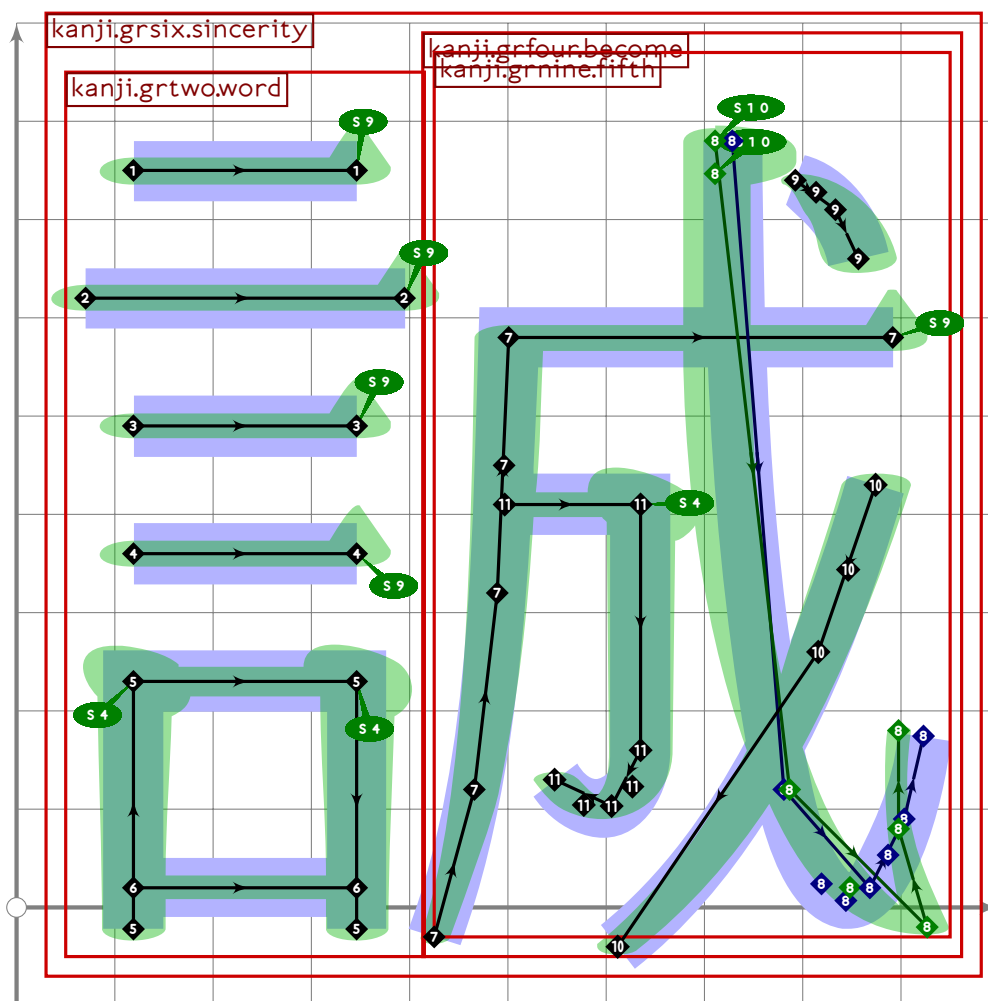
```



```

219
220 vardef kanji.grsix.part_of_speech =
221   push_pbox_toexpand("kanji.grsix.part_of_speech");
222   build_kanji.level(build_kanji.lr(450,30)
223     (kanji.grtwo.word)
224     (kanji.grfour.director));
225   expand_pbox;
226 enddef;

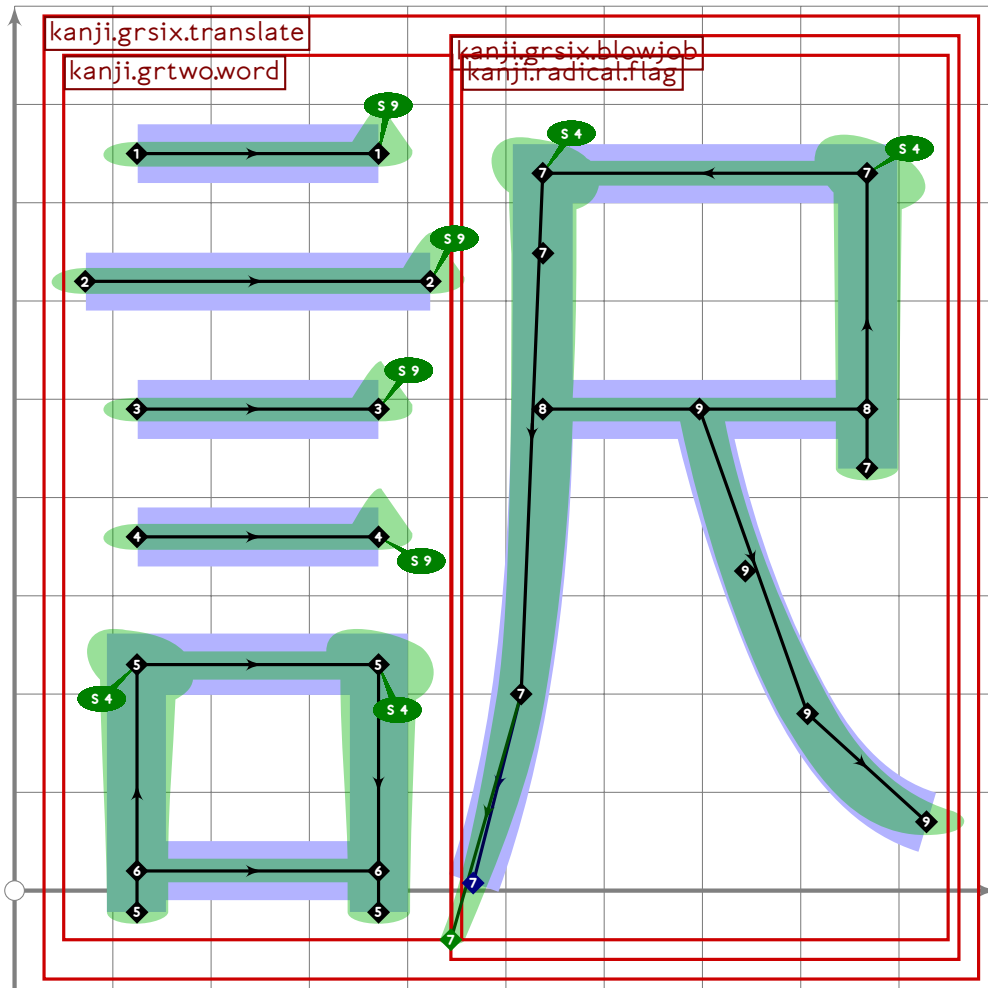
```



```

227
228 vardef kanji.grsix.sincerity =
229   push_pbox_toexpand("kanji.grsix.sincerity");
230   build_kanji.level(build_kanji.lr(420;10)
231     (kanji.grtwo.word)
232     (build_kanji.sscale(shifted (0,20))(kanji.grfour.become)));
233   expand_pbox;
234 enddef;

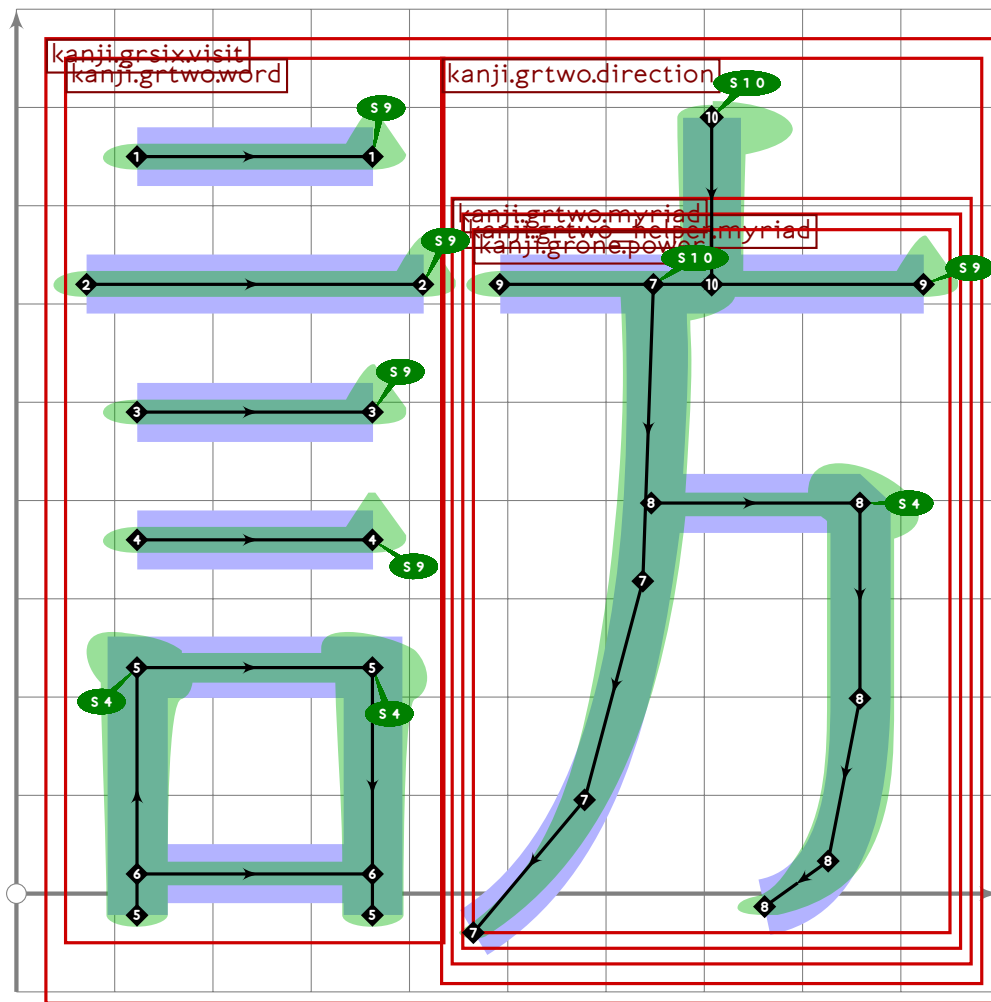
```



```

235
236 vardef kanji.grsix.translate =
237   push_pbox__toexpand("kanji.grsix.translate");
238   build_kanji.level(build_kanji.lr(450,-10)
239     (kanji.grtwo.word)
240     (kanji.grsix.blowjob));
241   expand_pbox;
242 enddef;

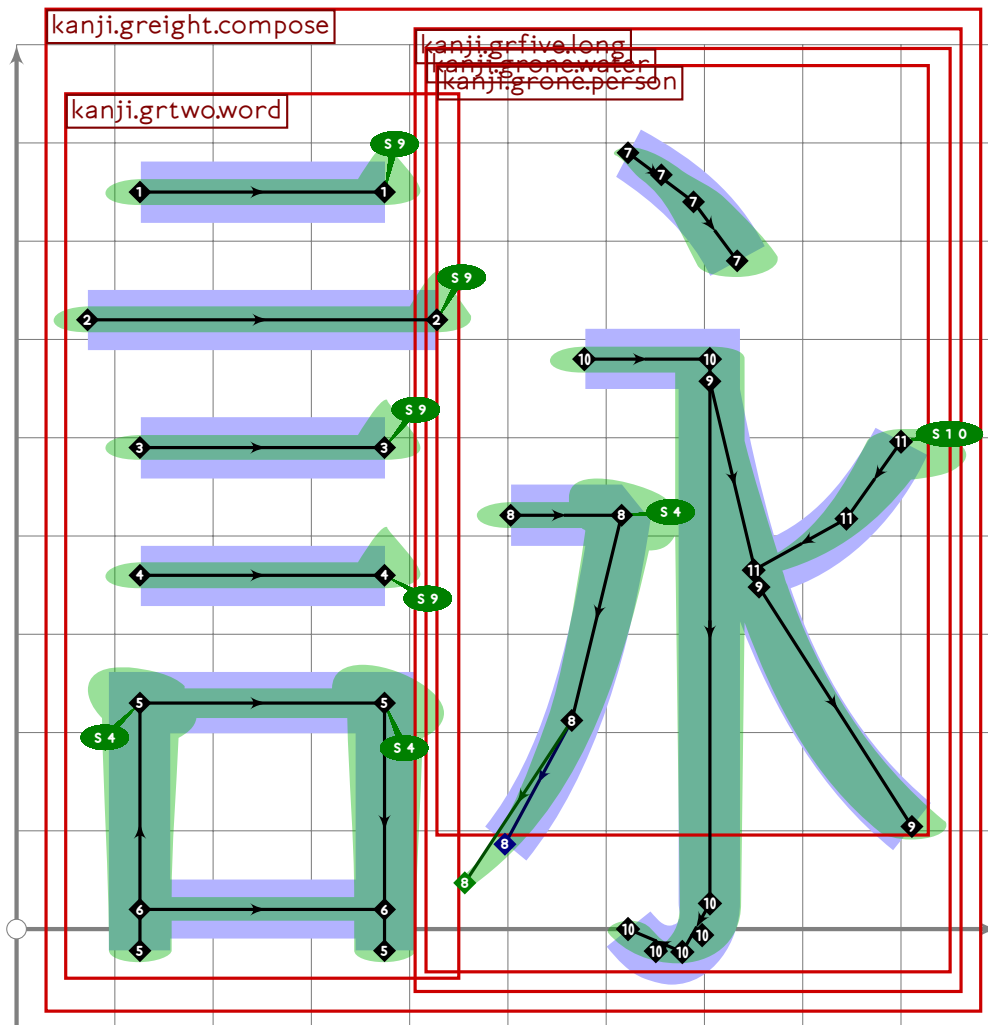
```



```

243
244 vardef kanji.grsix.visit =
245   push_pbox_toexpand("kanji.grsix.visit");
246   build_kanji.level(build_kanji.lr(450;30)
247     (kanji.grtwo.word)
248     (kanji.grtwo.direction));
249   expand_pbox;
250 enddef;
251
252

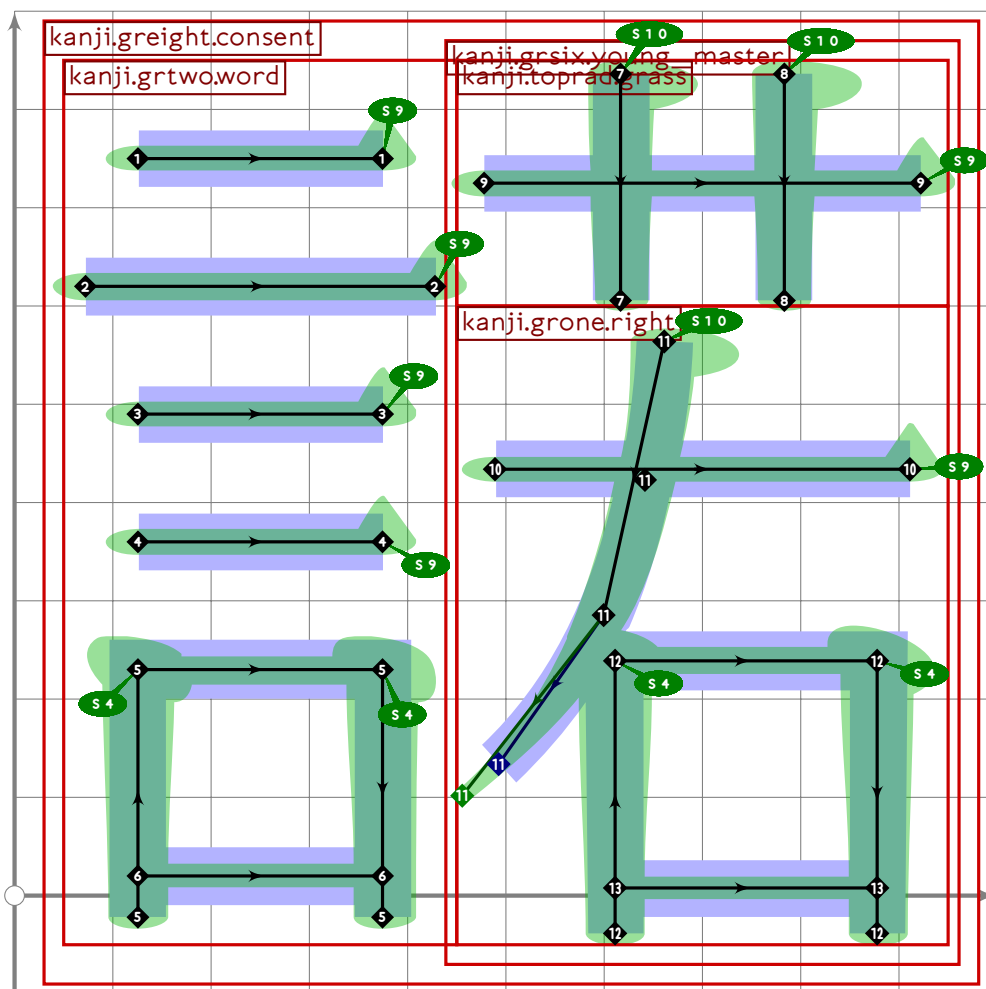
```



```

253
254 vardef kanji.greight.compose =
255   push_pbox_toexpand("kanji.greight.compose");
256   build_kanji.level(build_kanji.lr(450,0)
257     (kanji.grtwo.word)
258     (kanji.grfive.long));
259   expand_pbox;
260 enddef;

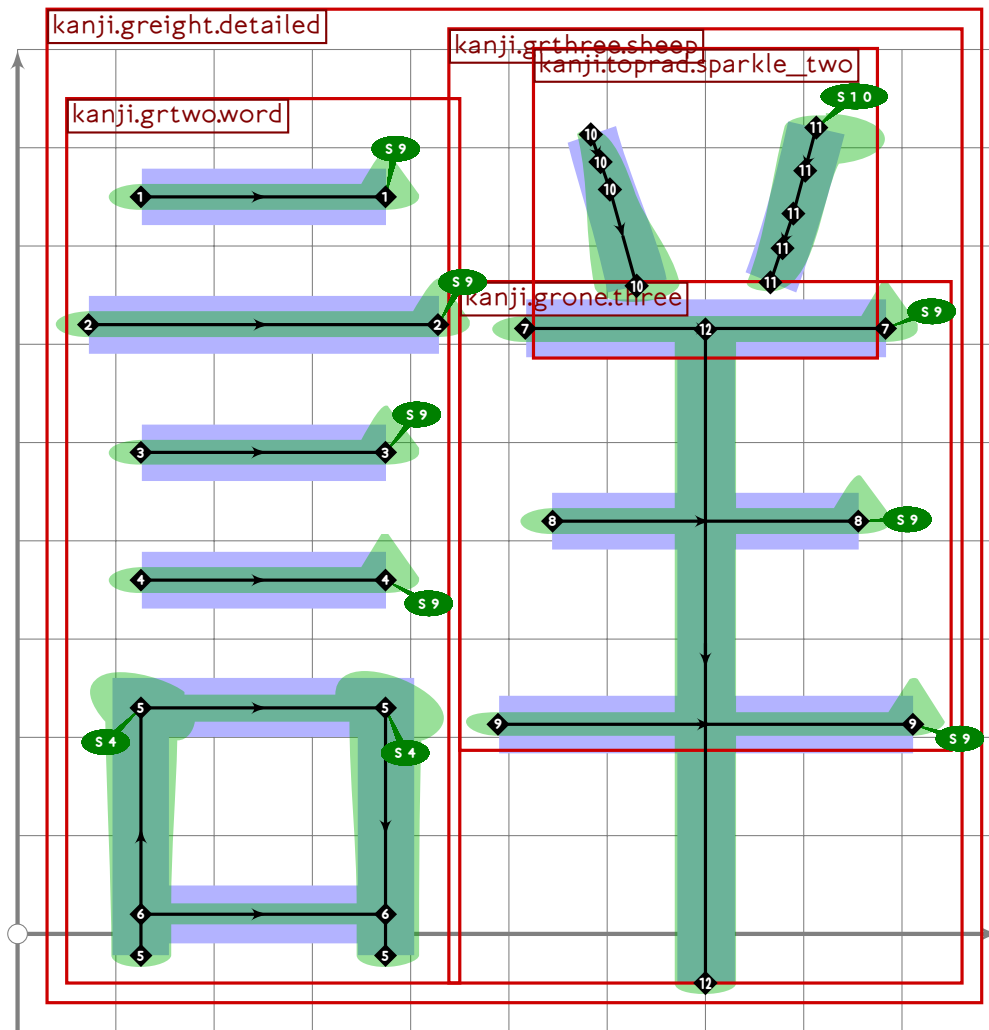
```



```

261
262 vardef kanji.greight.consent =
263   push_pbox_toexpand("kanji.greight.consent");
264   build_kanji.level(build_kanji.lr(450,0)
265     (kanji.grtwo.word)
266     (kanji.grsix.young_master));
267   expand_pbox;
268 enddef;

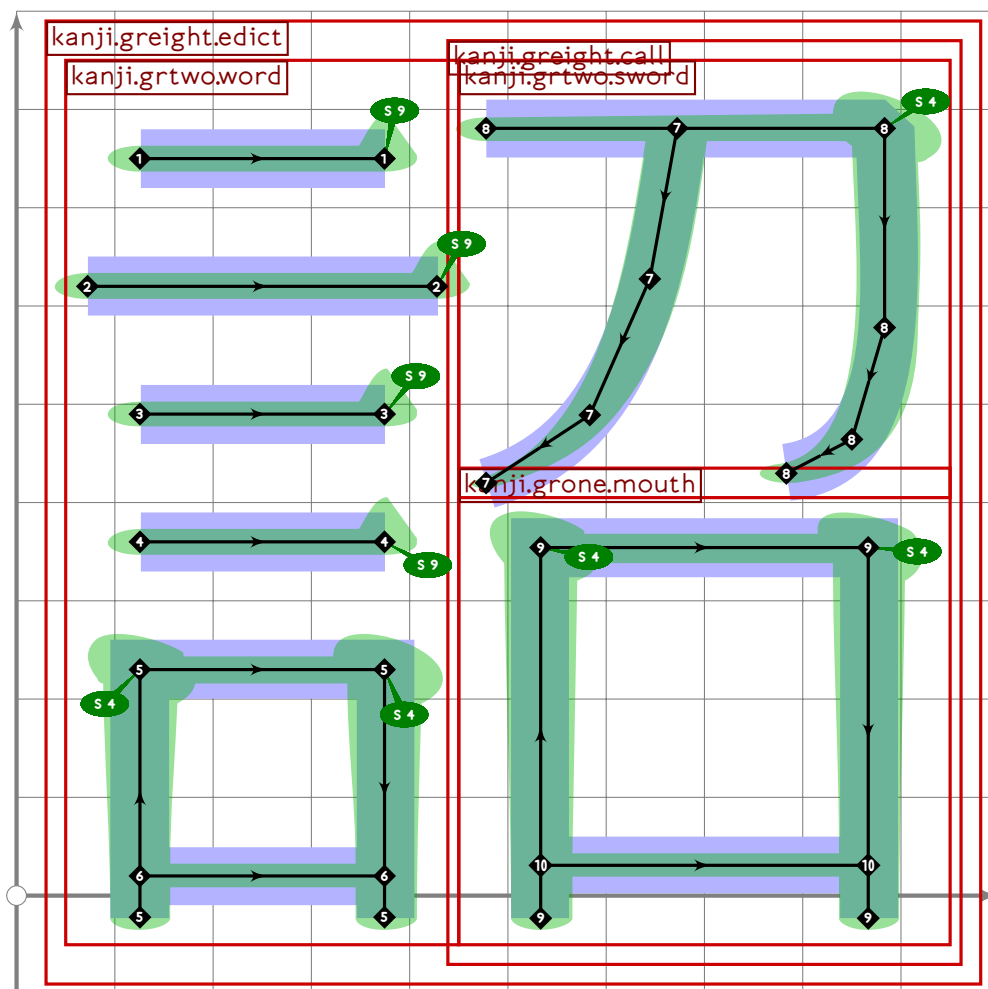
```

```

269
270 vardef kanji.greight.detailed =
271   push_pbox_toexpand("kanji.greight.detailed");
272   build_kanji.level(build_kanji.lr(450,0)
273     (kanji.grtwo.word)
274     (kanji.grthree.sheep));
275   expand_pbox;
276 enddef;

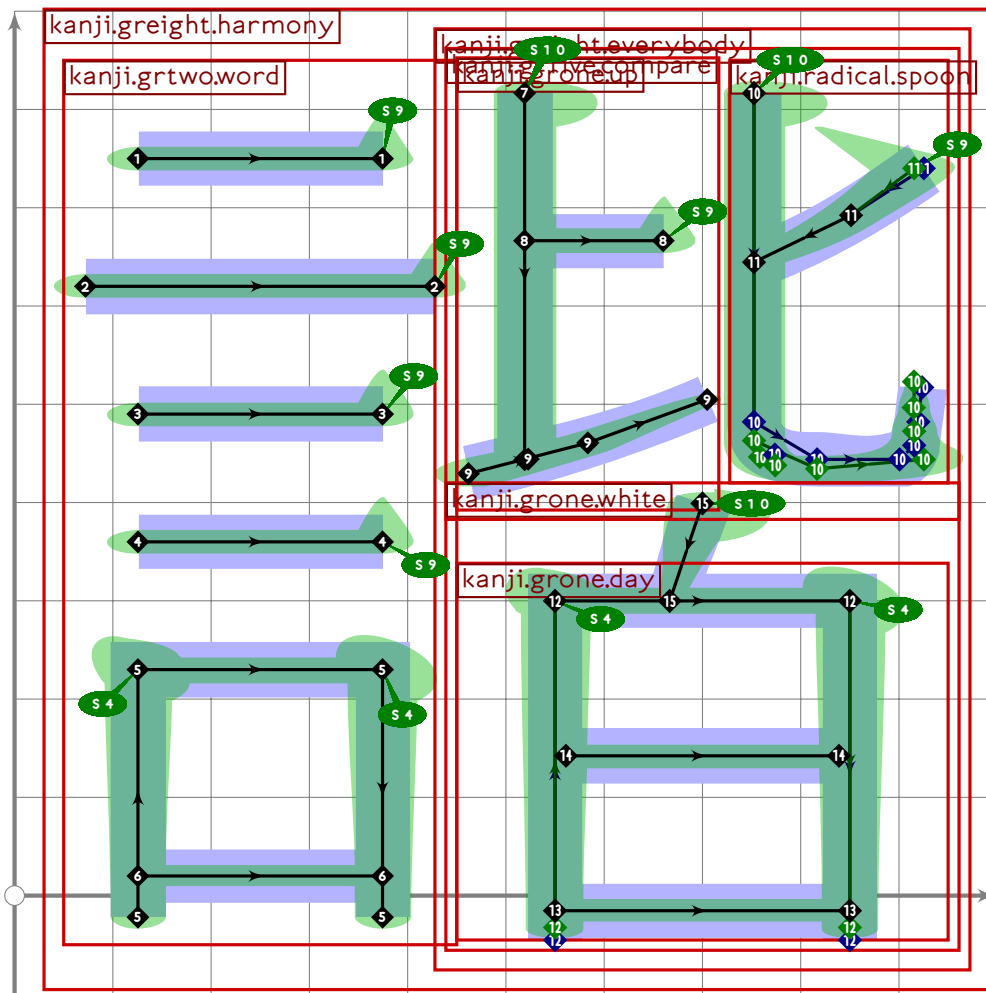
```



```

277
278 vardef kanji.greight.edict =
279   push_pbox__toexpand("kanji.greight.edict");
280   build_kanji.level(build_kanji.lr(450,0)
281     (kanji.grtwo.word)
282     (kanji.greight.call));
283   expand_pbox;
284 enddef;

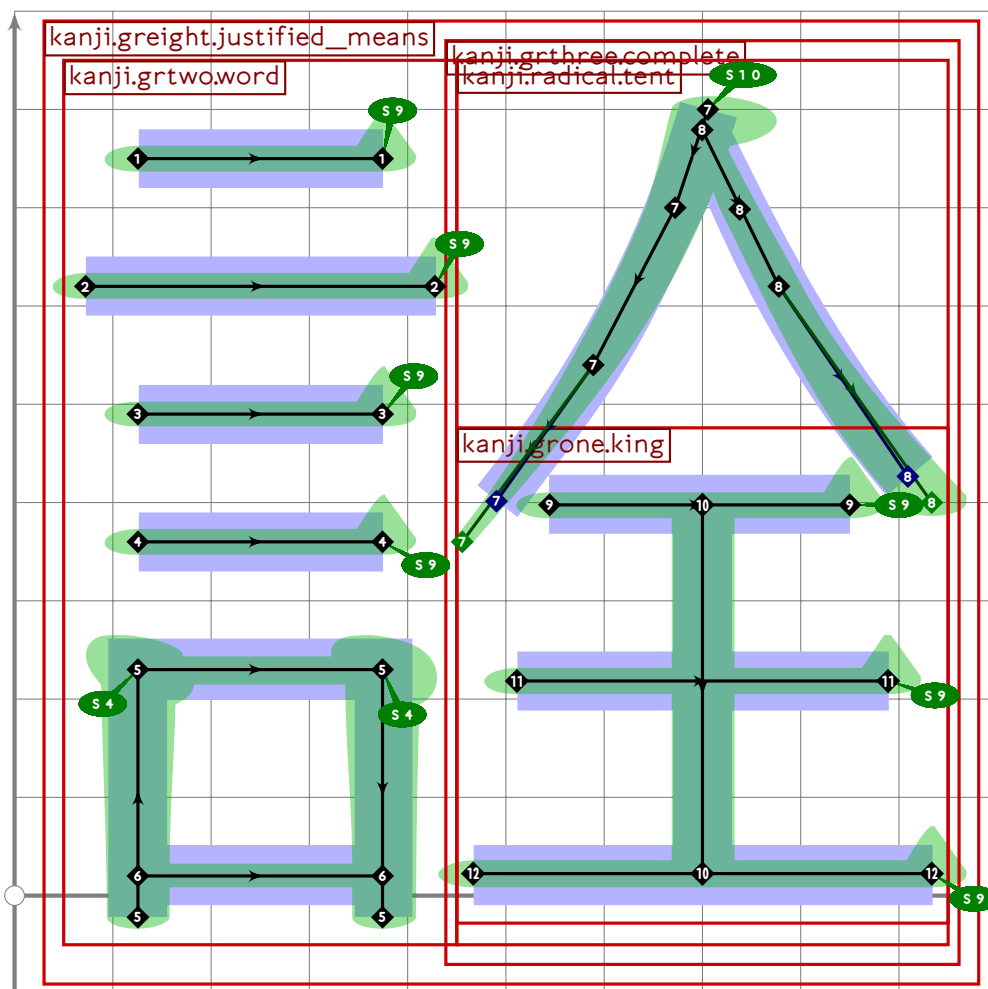
```



```

285
286 vardef kanji.greight.harmony =
287   push_pbox_toexpand("kanji.greight.harmony");
288   build_kanji.level(build_kanji.lr(450,0)
289     (kanji.greight.two.word)
290     (kanji.greight.everybody));
291   expand_pbox;
292 enddef;

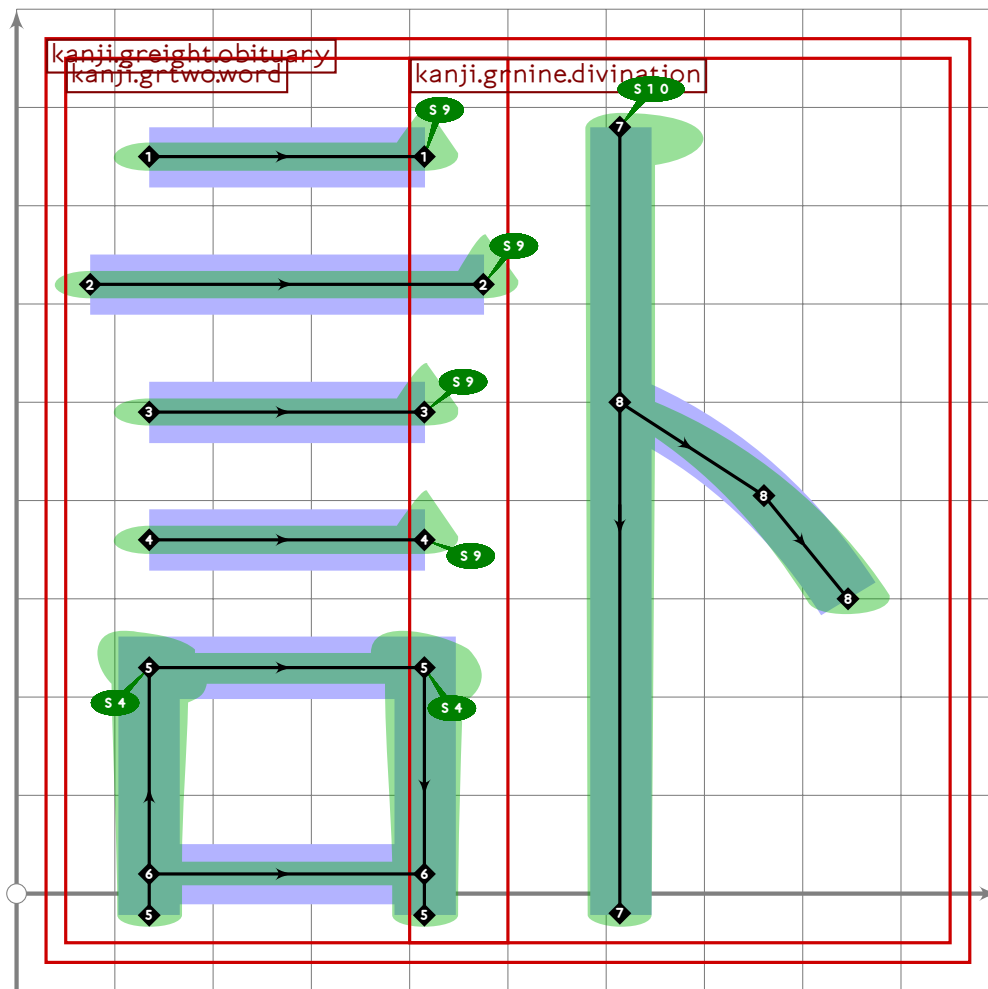
```



```

293
294 vardef kanji.greight.justified_means =
295   push_pbox_toexpand("kanji.greight.justified_means");
296   build_kanji.level(build_kanji.lr(450,0)
297     (kanji.grtwo.word)
298     (kanji.grthree.complete));
299   expand_pbox;
300 enddef;

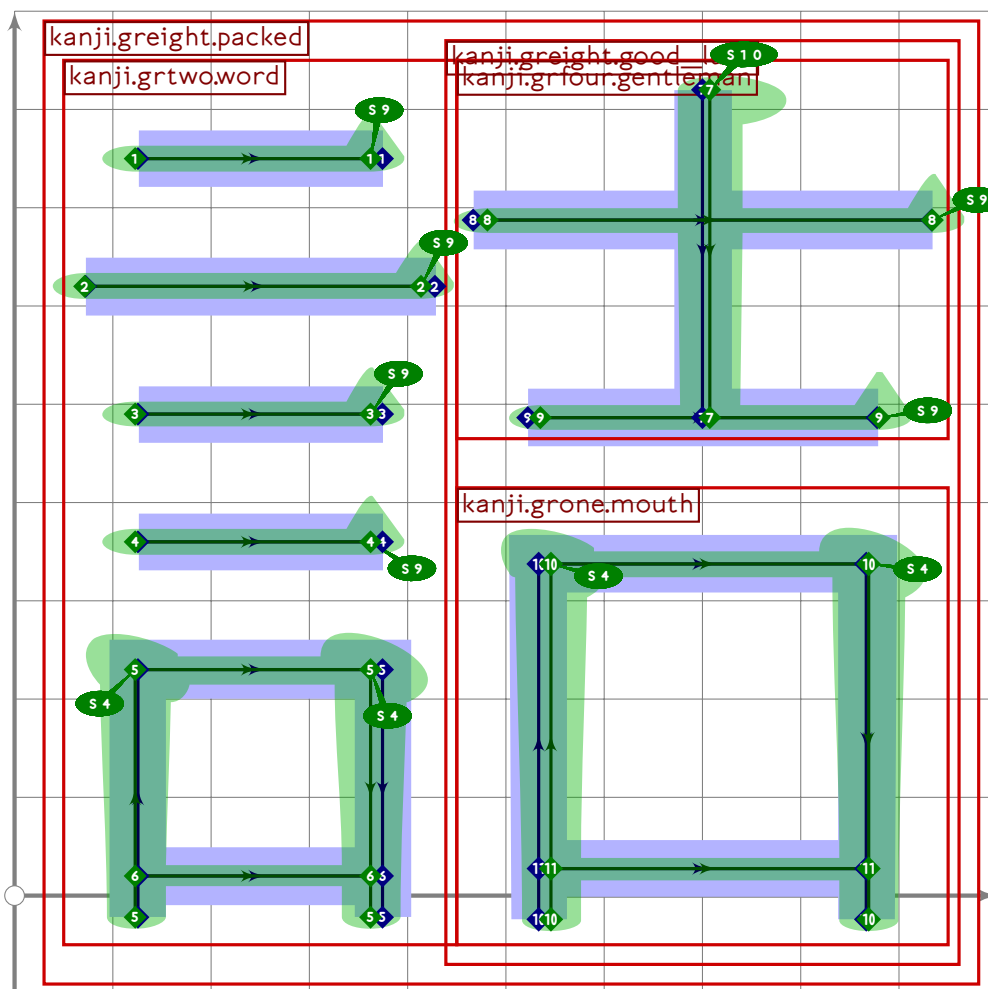
```



```

301
302 vardef kanji.greight.obituary =
303   push_pbox_toexpand("kanji.greight.obituary");
304   build_kanji.level(build_kanji.lr(450,100)
305     (kanji.grtwo.word)
306     (kanji.grnine.divination));
307   expand_pbox;
308 enddef;

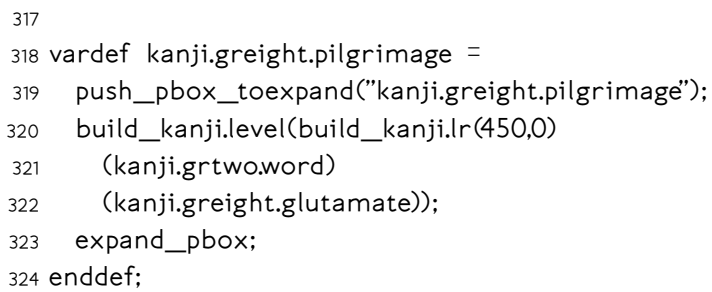
```

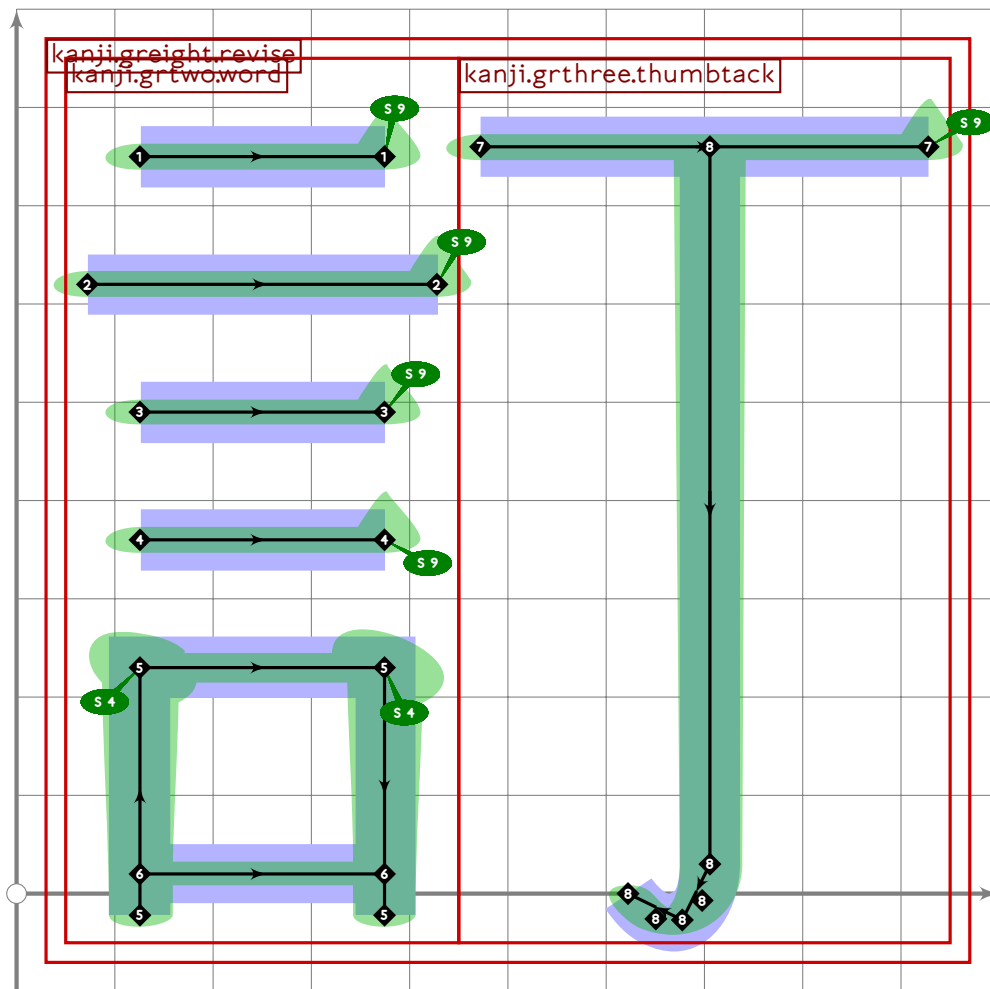


```

309
310 vardef kanji.greight.packed =
311   push_pbox__toexpand("kanji.greight.packed");
312   build_kanji.level(build_kanji.lr(450-30*mincho)
313     (kanji.grtwo.word)
314     (kanji.greight.good_luck));
315   expand_pbox;
316 enddef;

```

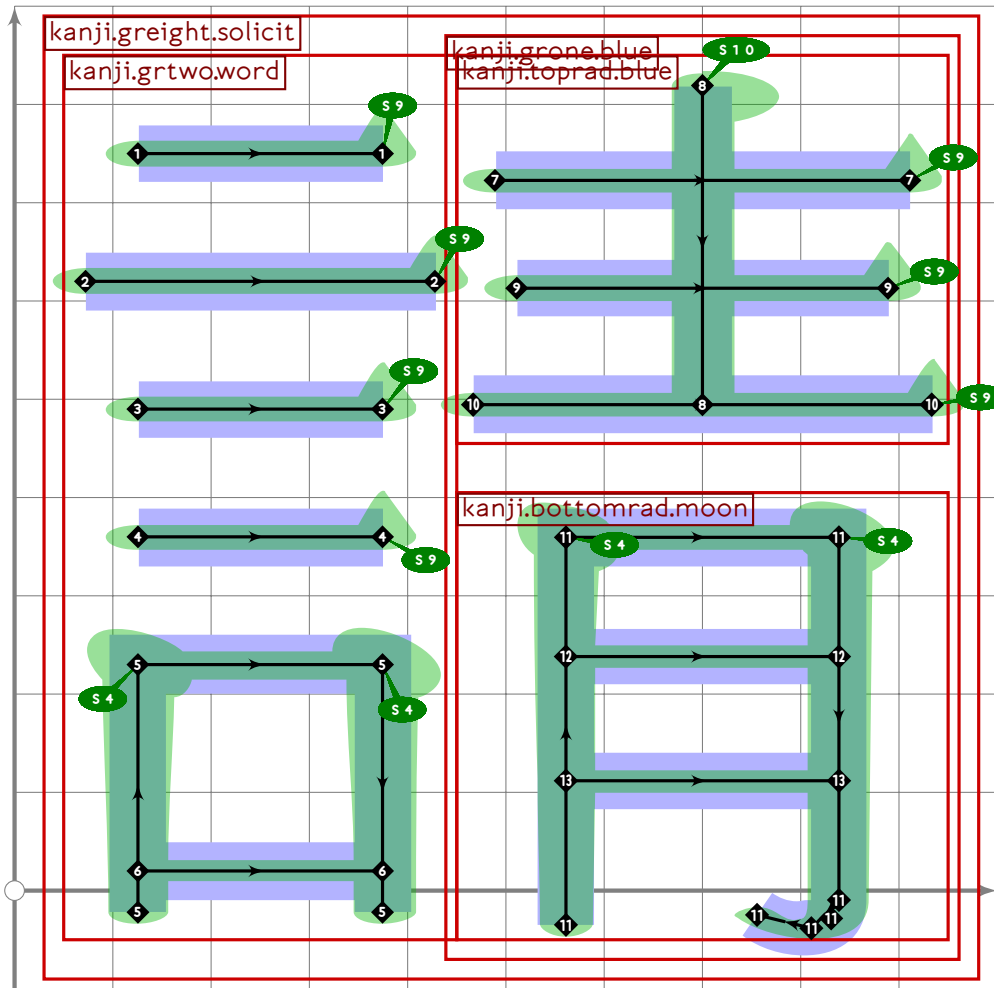




```

325
326 vardef kanji.greight.revise =
327   push_pbox_toexpand("kanji.greight.revise");
328   build_kanji.level(build_kanji.lr(450,0)
329     (kanji.grtwo.word)
330     (kanji.grthree.thumbtack));
331   expand_pbox;
332 enddef;

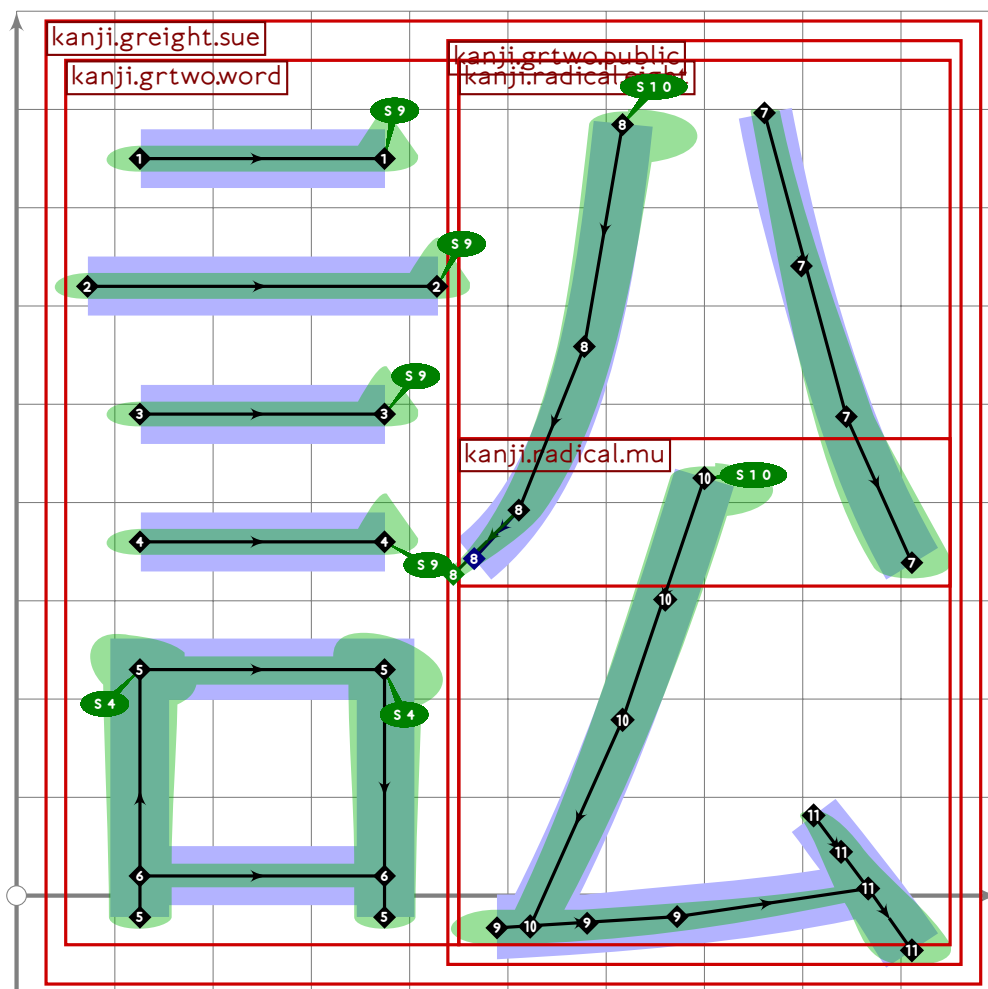
```

```

333
334 vardef kanji.greight.solicit =
335   push_pbox__toexpand("kanji.greight.solicit");
336   build_kanji.level(build_kanji.lr(450,0)
337     (kanji.grtwo.word)
338     (kanji.grone.blue));
339   expand_pbox;
340 enddef;

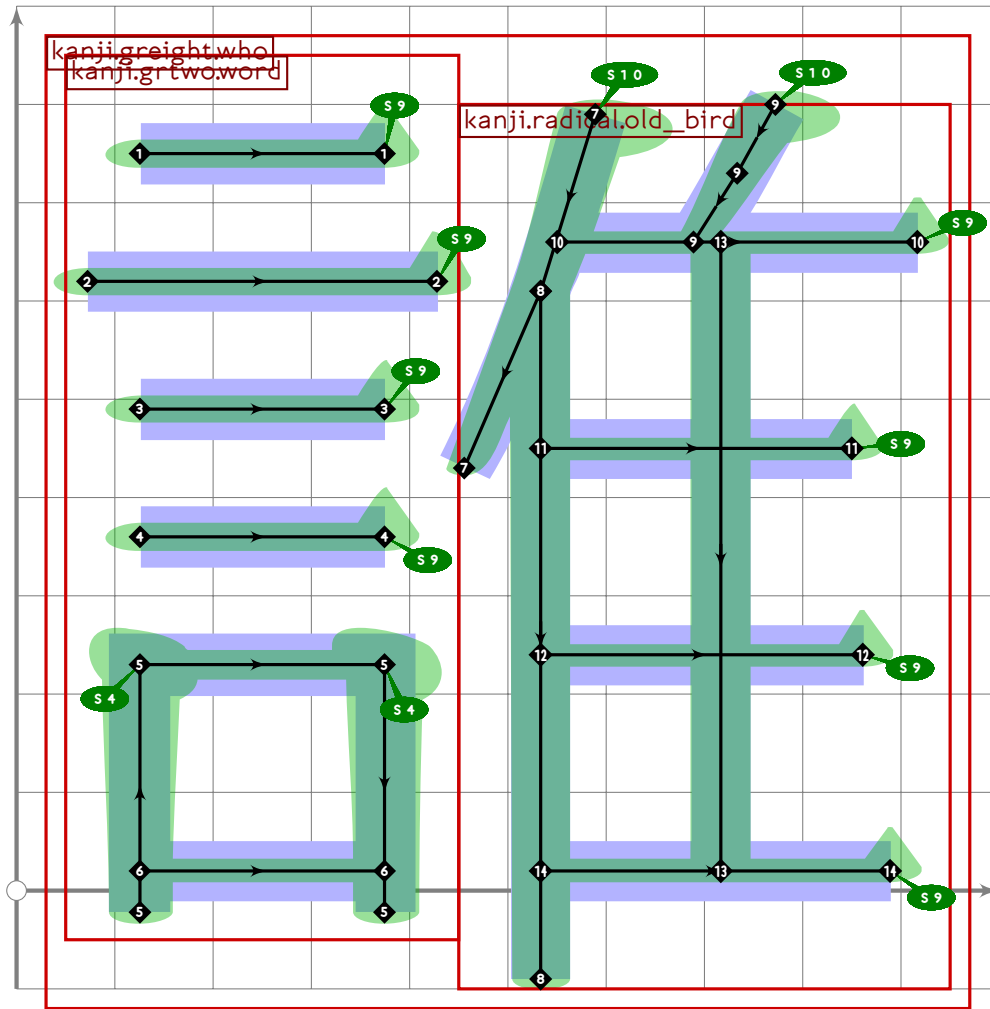
```



```

341
342 vardef kanji.greight.sue =
343   push_pbox_toexpand("kanji.greight.sue");
344   build_kanji.level(build_kanji.lr(450,0)
345     (kanji.grtwo.word)
346     (kanji.grtwo.public));
347   expand_pbox;
348 enddef;

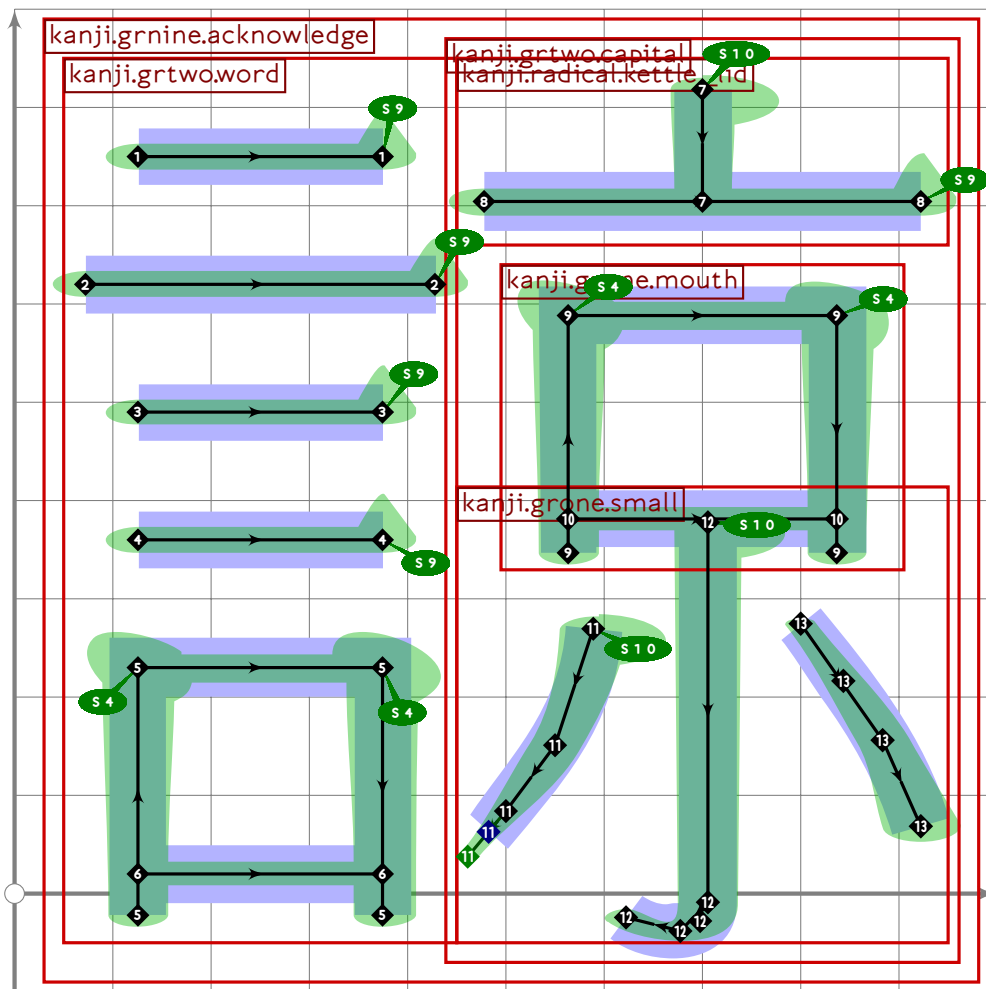
```



```

349
350 vardef kanji.greight.who =
351   push_pbox_toexpand("kanji.greight.who");
352   build_kanji.level(build_kanji.lr(450,0)
353     (kanji.grtwo.word)
354     (build_kanji.sscale(shifted (0,50))(kanji.radical.old_bird)));
355   expand_pbox;
356 enddef;
357
358
```

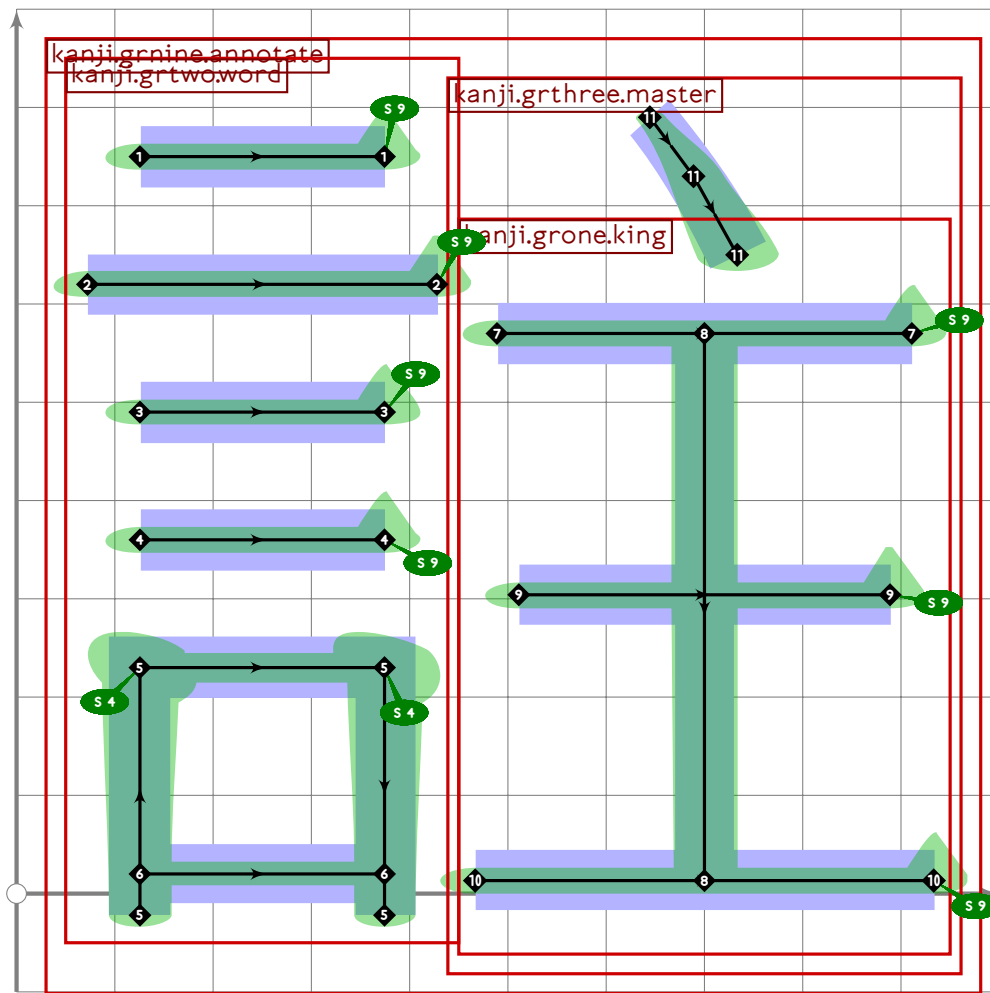
8A



```

359
360 vardef kanji.grnine.acknowledge =
361   push_pbox_toexpand("kanji.grnine.acknowledge");
362   build_kanji.level(build_kanji.lr(450,0)
363     (kanji.grtwo.word)
364     (kanji.grtwo.capital));
365   expand_pbox;
366 enddef;

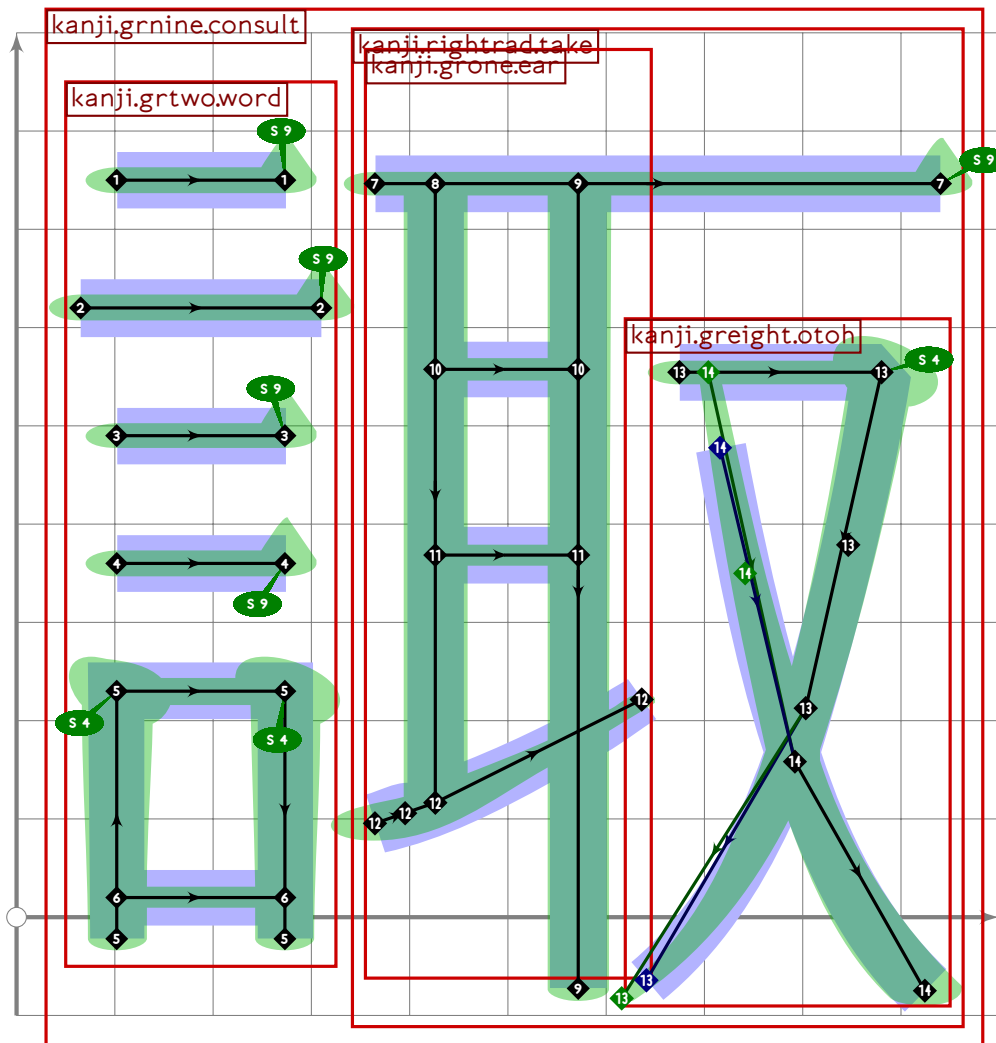
```



```

367
368 vardef kanji.grnine.annotate =
369   push_pbox_toexpand("kanji.grnine.annotate");
370   build_kanji.level(build_kanji.lr(450,0)
371     (kanji.grtwo.word)
372     (build_kanji.sscale(shifted (0,20))(kanji.grthree.master)));
373   expand_pbox;
374 enddef;

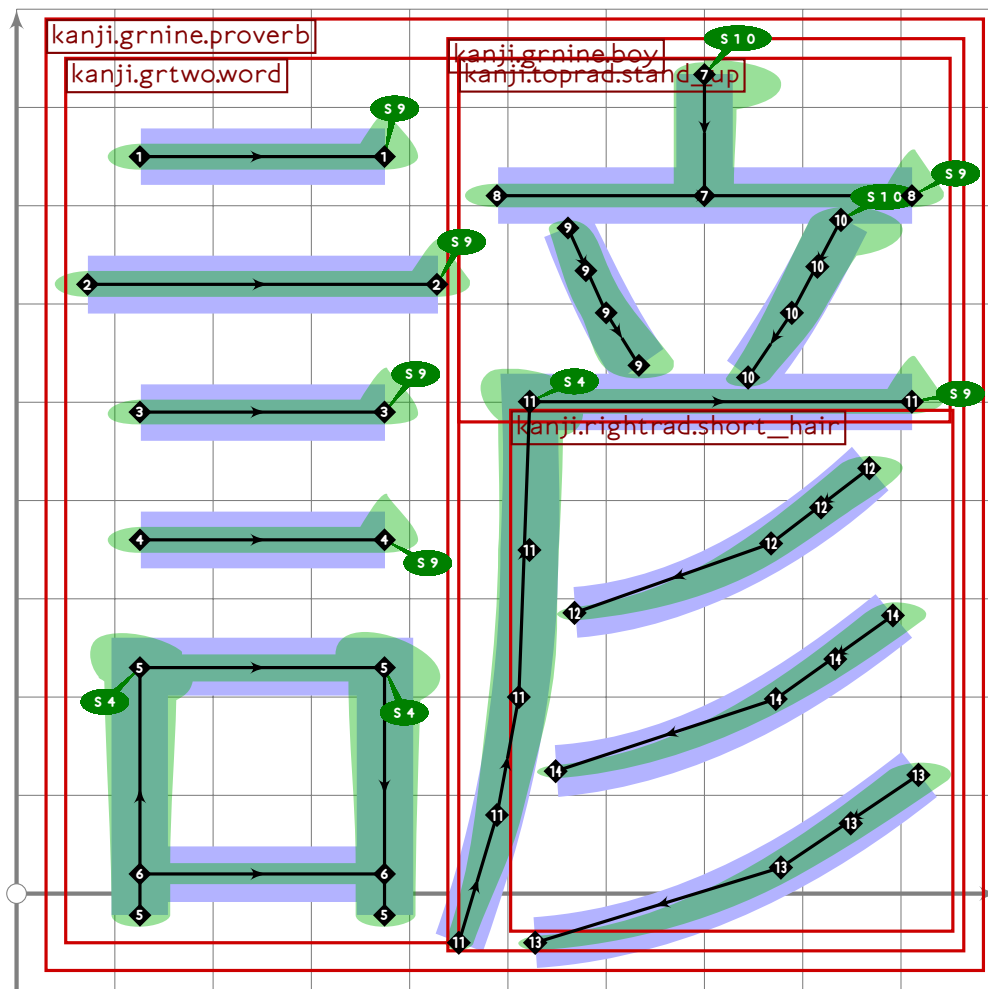
```



```

375
376 vardef kanji.grnine.consult =
377   push_pbox_toexpand("kanji.grnine.consult");
378   build_kanji.level(build_kanji.lr(340;30)
379     (kanji.grtwo.word)
380     (build_kanji.sscale(yscaled 1.05 shifted (0,10))(kanji.rightrad.take)));
381   expand_pbox;
382 enddef;

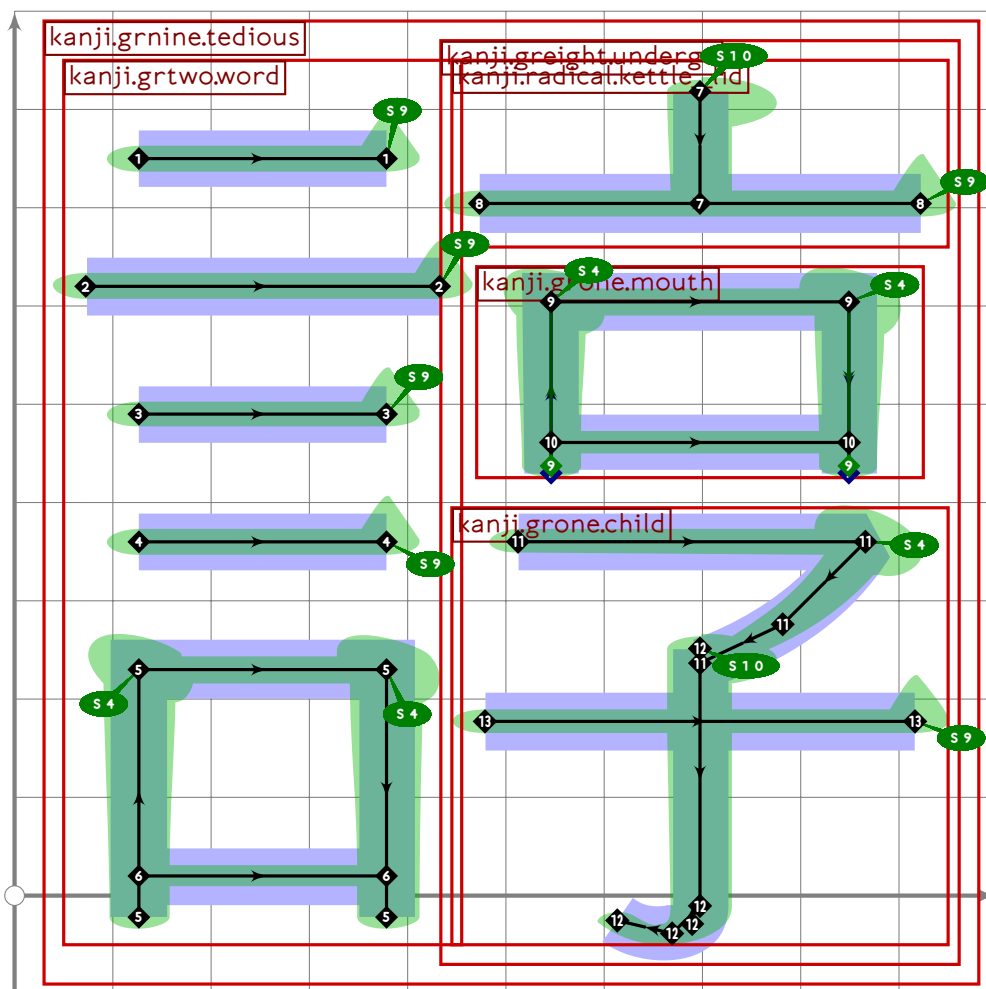
```



```

383
384 vardef kanji.grnine.proverb =
385   push_pbox_toexpand("kanji.grnine.proverb");
386   build_kanji.level(build_kanji.lr(450,0)
387     (kanji.grtwo.word)
388     (kanji.grnine.boy));
389   expand_pbox;
390 enddef;

```



```

391
392 vardef kanji.grnine.tedious =
393   push_pbox_toexpand("kanji.grnine.tedious");
394   build_kanji.level(build_kanji.lr(450,10)
395     (kanji.grtwo.word)
396     (kanji.greight.undergo));
397   expand_pbox;
398 enddef;
399

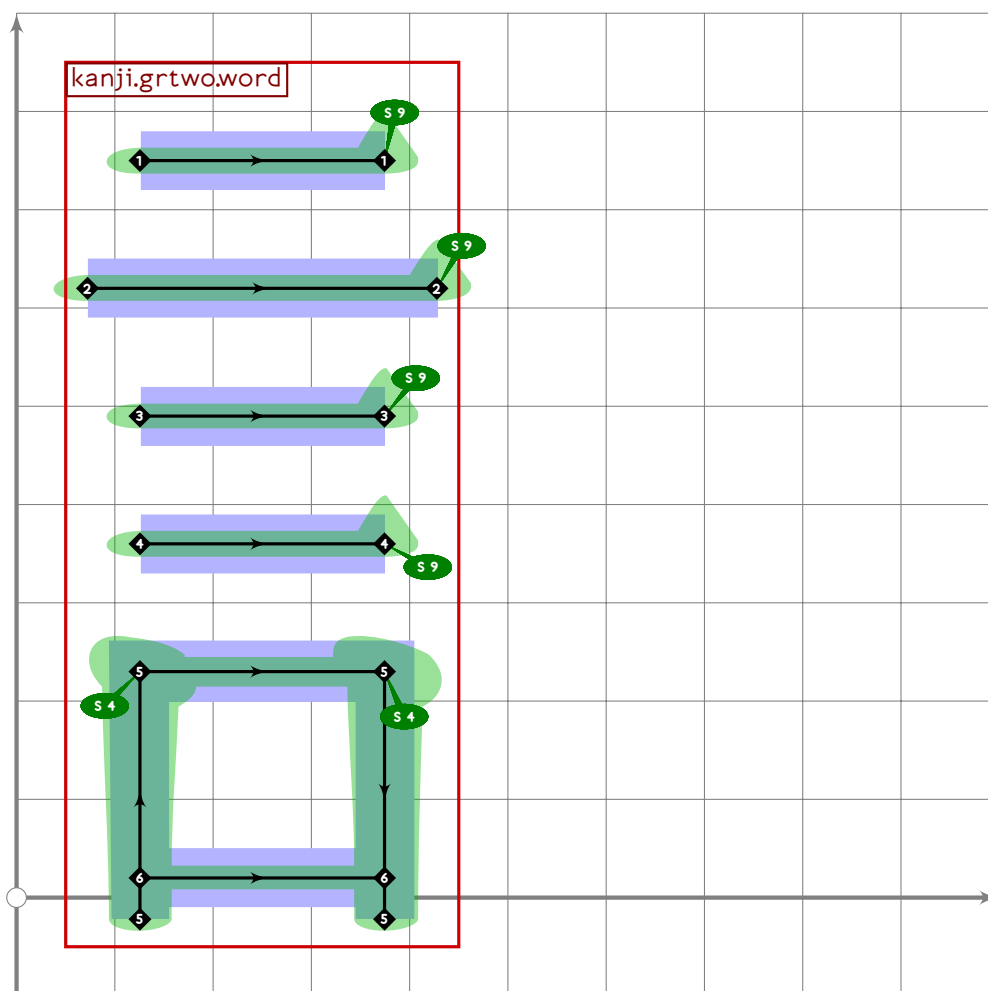
```

```

400
401
402 % gen/i "word"
403 begint Suglyph("uni8A00";0);
404   kanji.grtwo.word;
405   tsu_render;
406 endtsuglyph;
407

```

[see page 598]



```

408 % extra (word left radical)
409 begintsuglyph("uni8A01";1);
410   build_kanji.lr(450,0)
411     (kanji.grtwo.word)
412   ();
413   tsu_render;
414 endtsuglyph;
415
416 % tei "revise"
417 begintsuglyph("uni8A02";2);
418   kanji.greight.revise;
419   tsu_render;
420 endtsuglyph;
421
422 % fu/shirase "obituary"
423 begintsuglyph("uni8A03";3);
424   kanji.greight.obituary;
425   tsu_render;
426 endtsuglyph;
427
428 % kei/haka "plan"

```

[see page 3992]

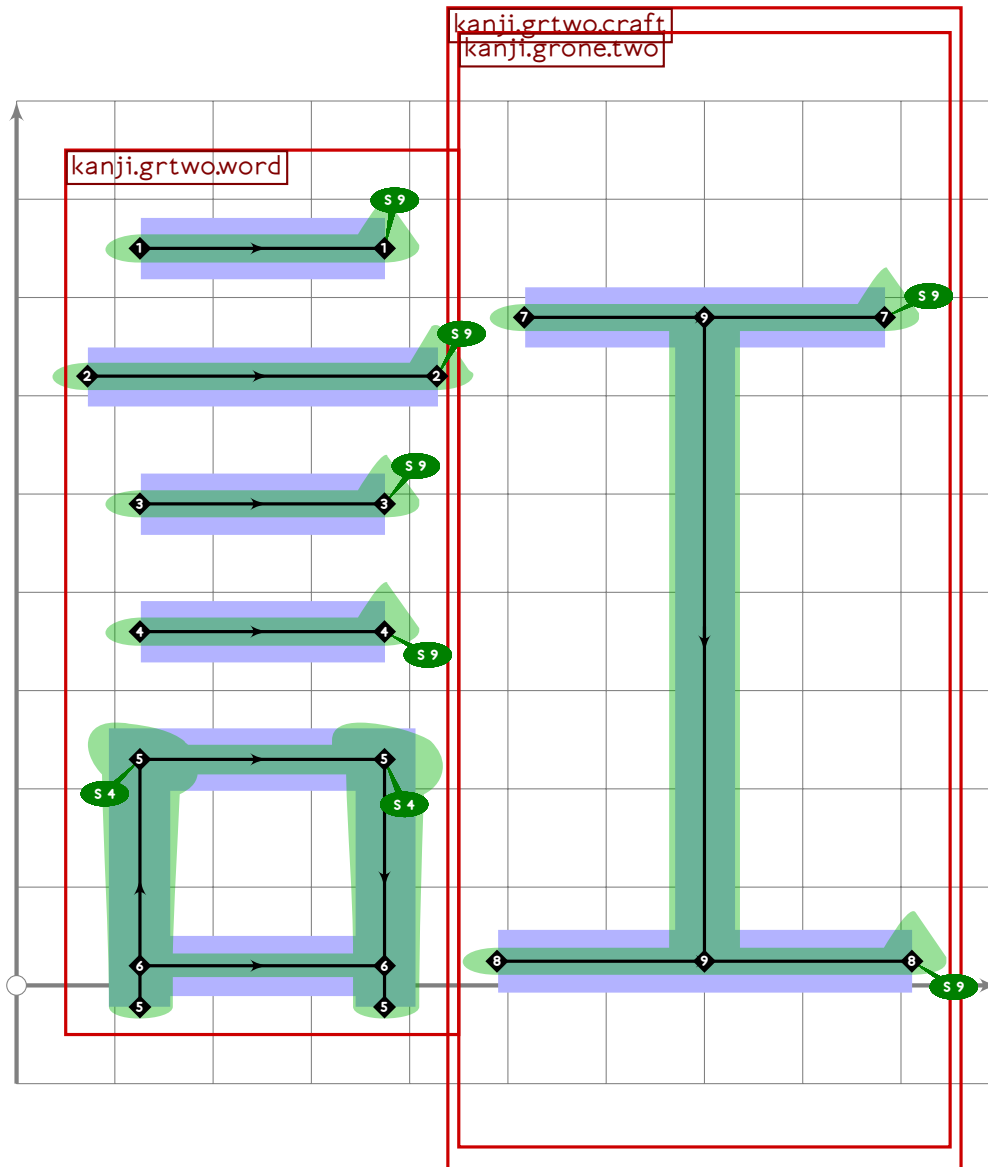
[see page 3989]

```

429 begintsuglyph("uni8A08";8);
430   kanji.grtwo.plan;
431   tsu_render;
432 endtsuglyph;
433

```

[see page 3962]



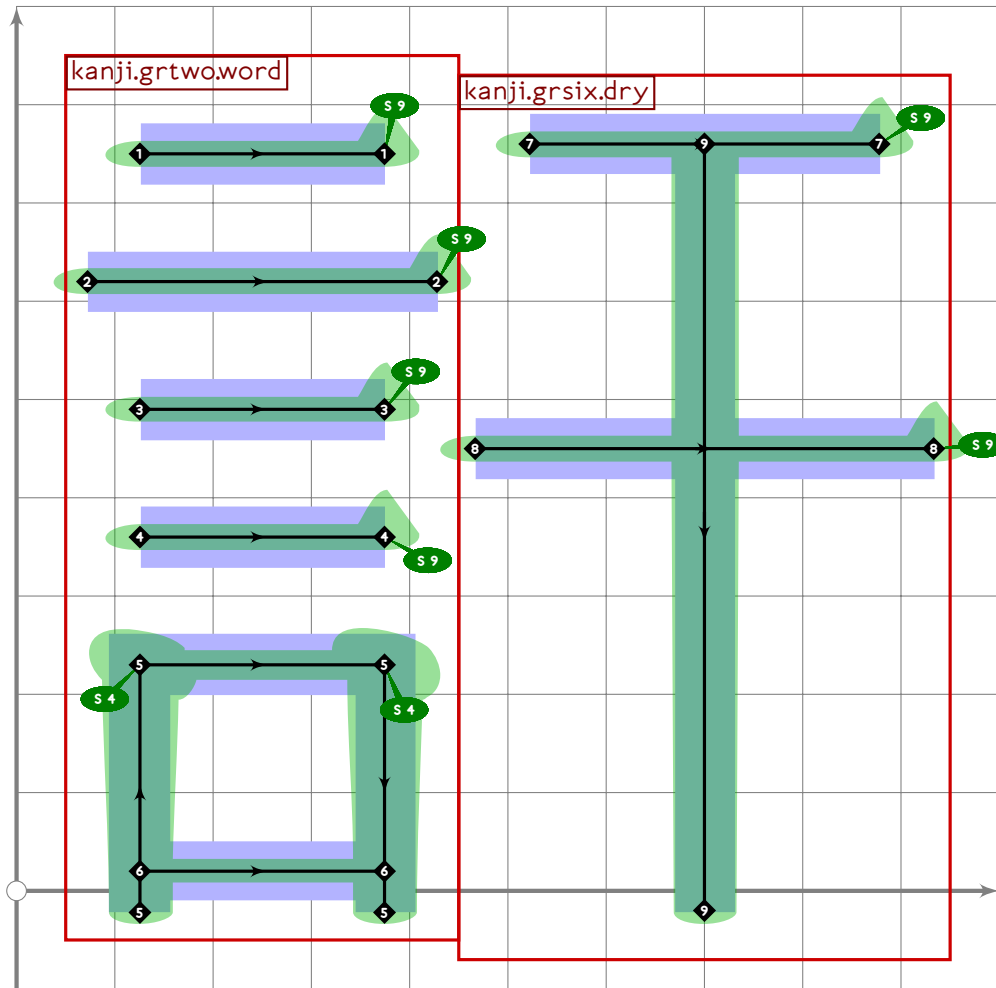
```

434 % extra: kou "become confused"
435 begintsuglyph("uni8A0C";12);
436   build_kanji.level(build_kanji.lr(450,0)
437     (kanji.grtwo.word)
438     (build_kanji.sscale(yscaled 1.26)(kanji.grtwo.craft)));
439   tsu_render;
440 endtsuglyph;
441
442 % tou/u "attack"
443 begintsuglyph("uni8A0E";14);
444   kanji.grsix.attack;

```

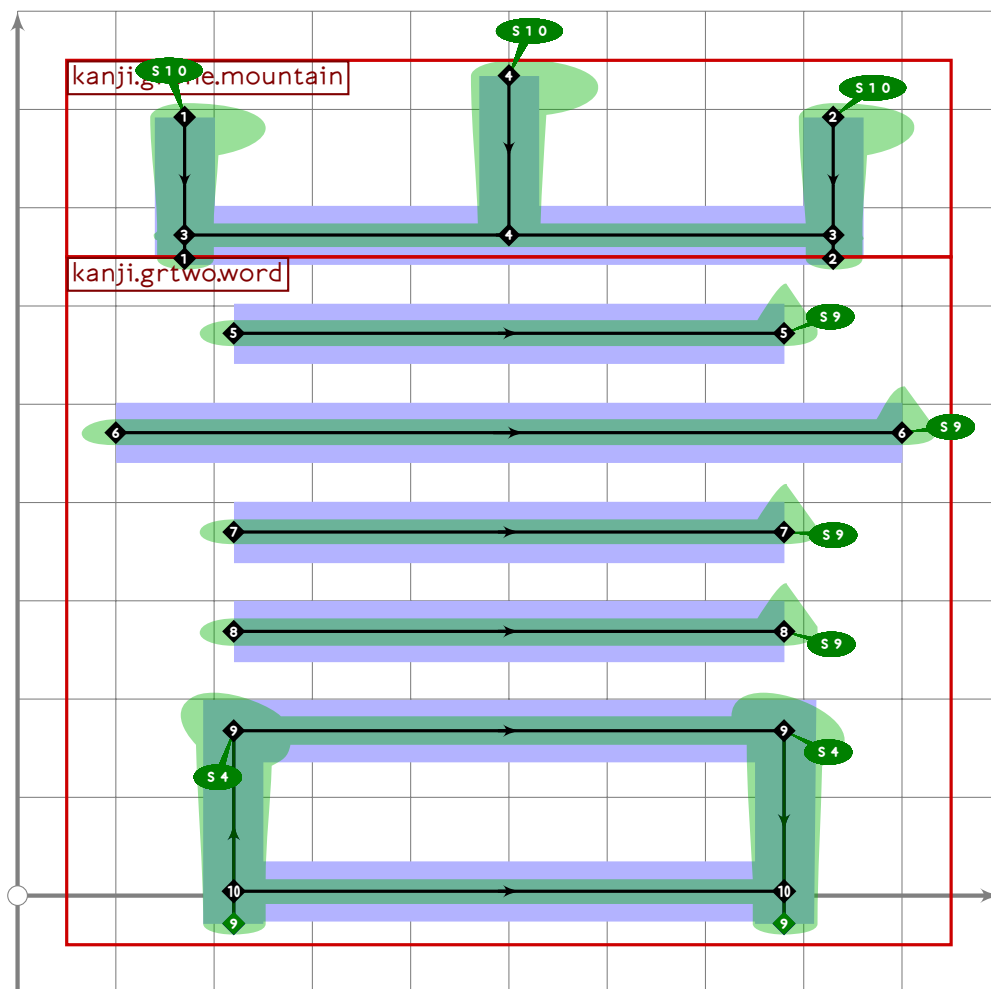
[see page 3975]

```
445 tsu_render;
446 endtsuglyph;
447
```



```
448 % extra "divulge"
449 begintsuglyph("uni8A10",16);
450 build_kanji.level(build_kanji.lr(450,0)
451   (kanji.grtwo.word)
452   (build_kanji.sscale(shifted (0,-20))(kanji.grsix.dry)));
453 tsu_render;
454 endtsuglyph;
455
456 % kun "native Japanese kanji pronunciation"
457 % of course "kun" is the "on" reading of this kanji, don't be silly
458 begintsuglyph("uni8A13",19);
459 kanji.grfour.kunyomi;
460 tsu_render;
461 endtsuglyph;
462
```

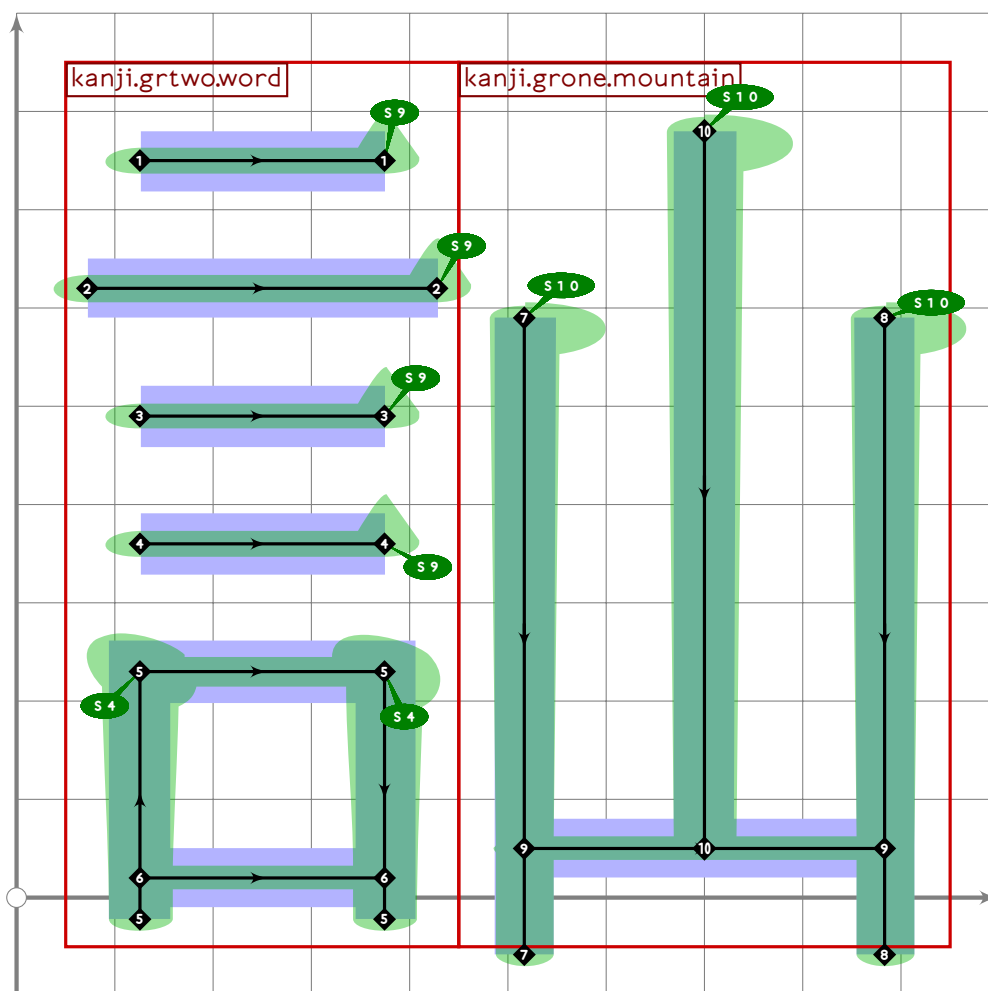
[see page 3968]



```

463 % extra
464 begintsuglyph("uni8A14";20);
465   build_kanji.level(build_kanji.tb(650,0)
466     (kanji.grone.mountain)
467     (kanji.grtwo.word));
468   tsu_render;
469 endtsuglyph;
470

```

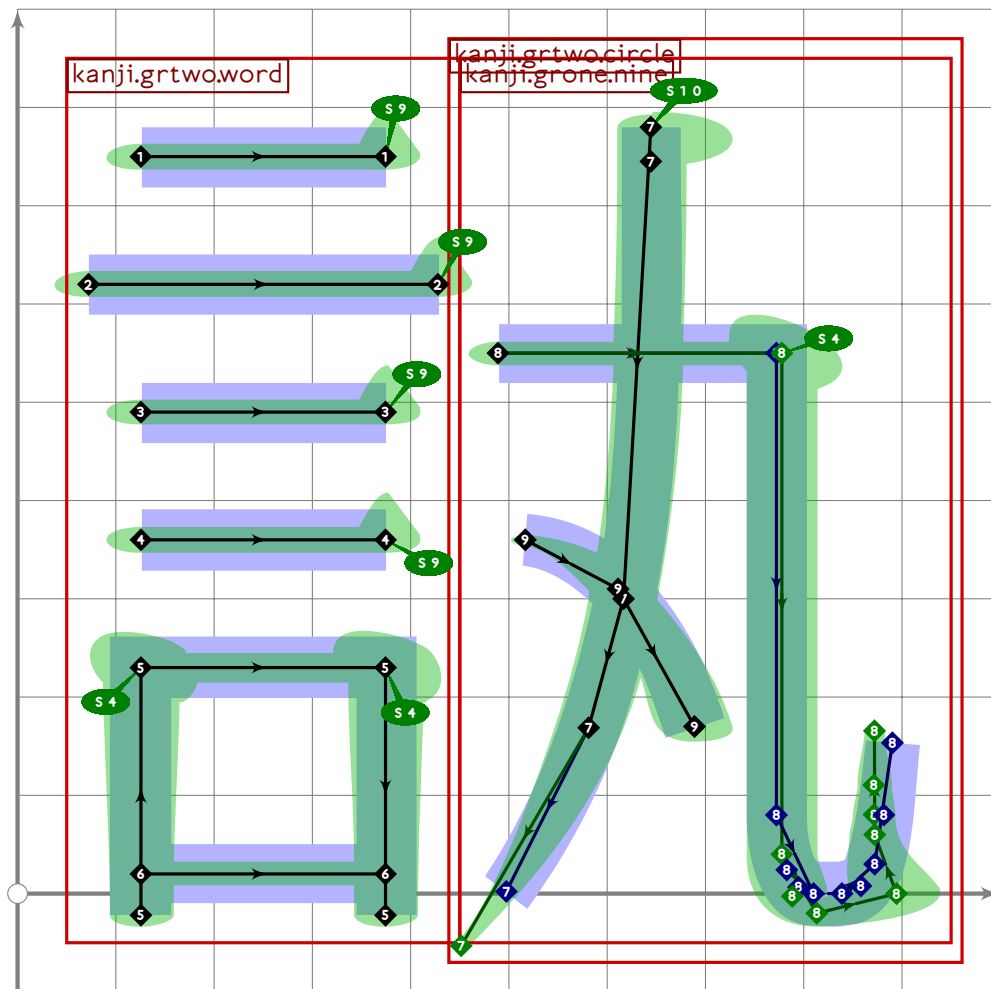


```

471 % extra
472 begintsuglyph("uni8A15";21);
473   build_kanji.level(build_kanji.lr(450,0)
474     (kanji.grtwo.word)
475     (kanji.grone.mountain));
476   tsu_render;
477 endtsuglyph;
478
479 % ki/shiru "account"
480 begintsuglyph("uni8A18";24);
481   kanji.grtwo.account;
482   tsu_render;
483 endtsuglyph;
484

```

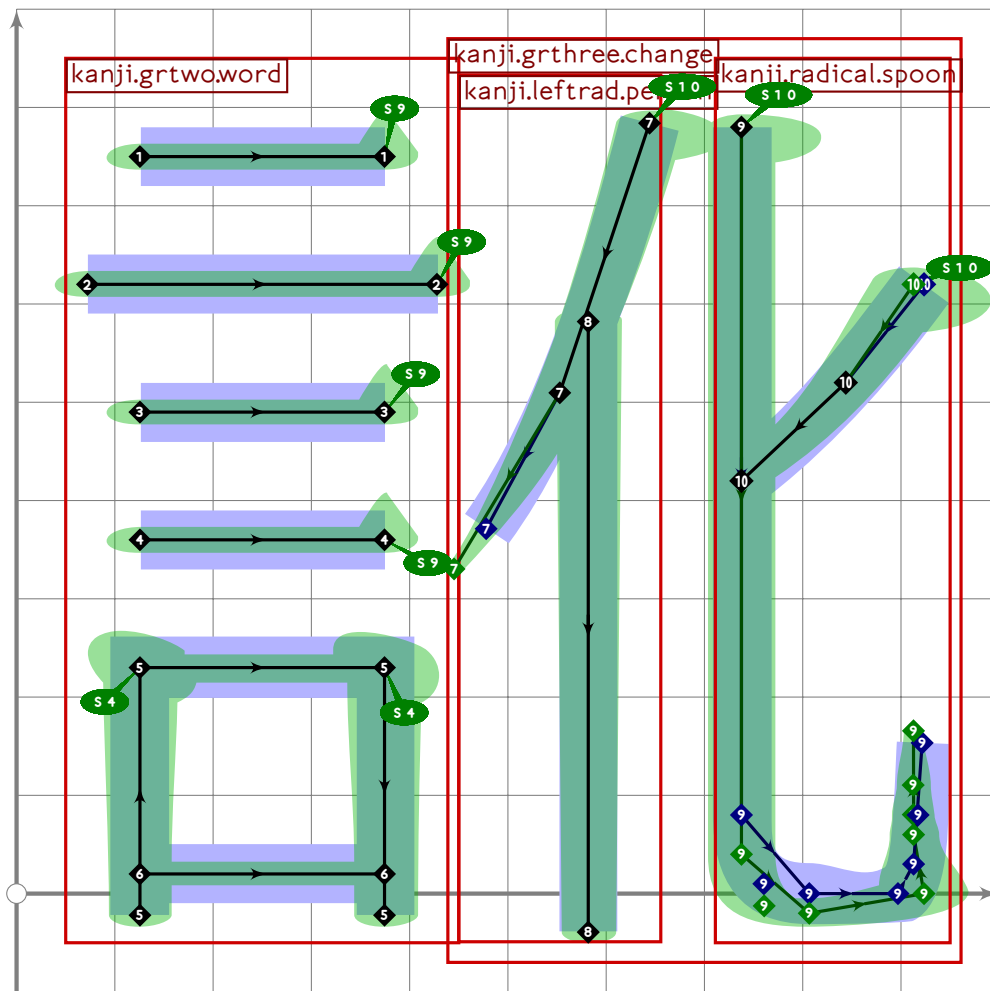
[see page 3960]



```

485 % extra
486 begintsuglyph("uni8A19";25);
487   build_kanji.level(build_kanji.lr(450,0)
488     (kanji.grtwo.word)
489     (kanji.grtwo.circle));
490   tsu_render;
491 endtsuglyph;
492

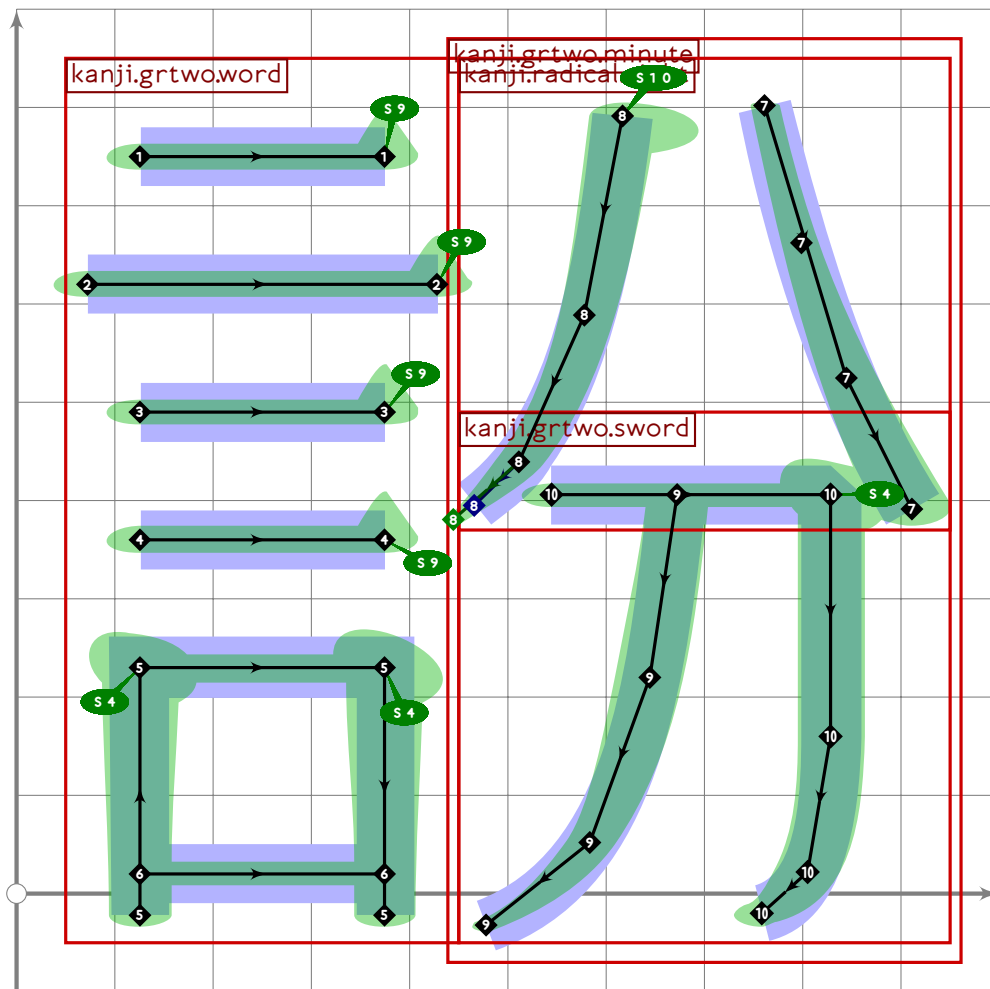
```



```

493 % ka/nama "accent (speech)"
494 begintsuglyph("uni8A1B";27);
495   build_kanji.level(build_kanji.lr(450,0)
496     (kanji.grtwo.word)
497     (kanji.grthree.change));
498   tsu_render;
499 endtsuglyph;
500

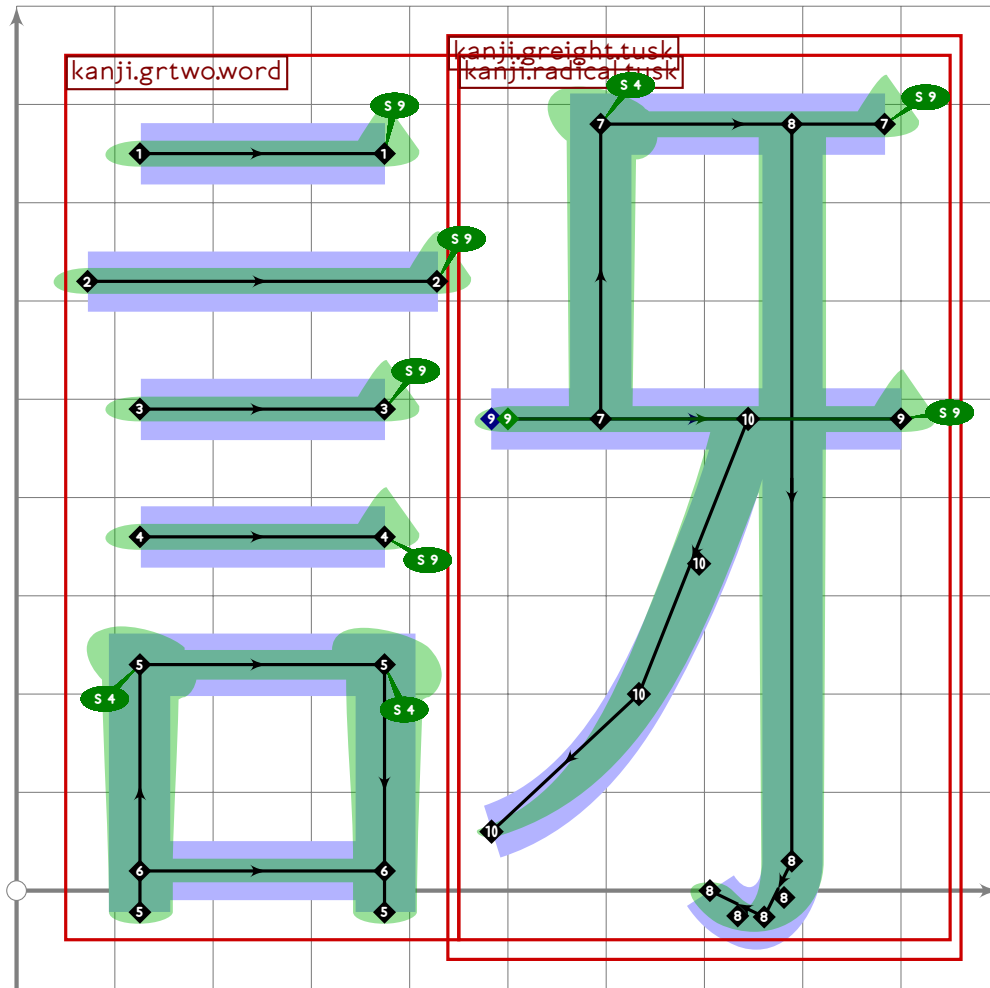
```



```

501 % extra
502 begintsuglyph("uni8A1C",28);
503   build_kanji.level(build_kanji.lr(450,0)
504     (kanji.grtwo.word)
505     (kanji.grtwo.minute));
506   tsu_render;
507 endtsuglyph;
508

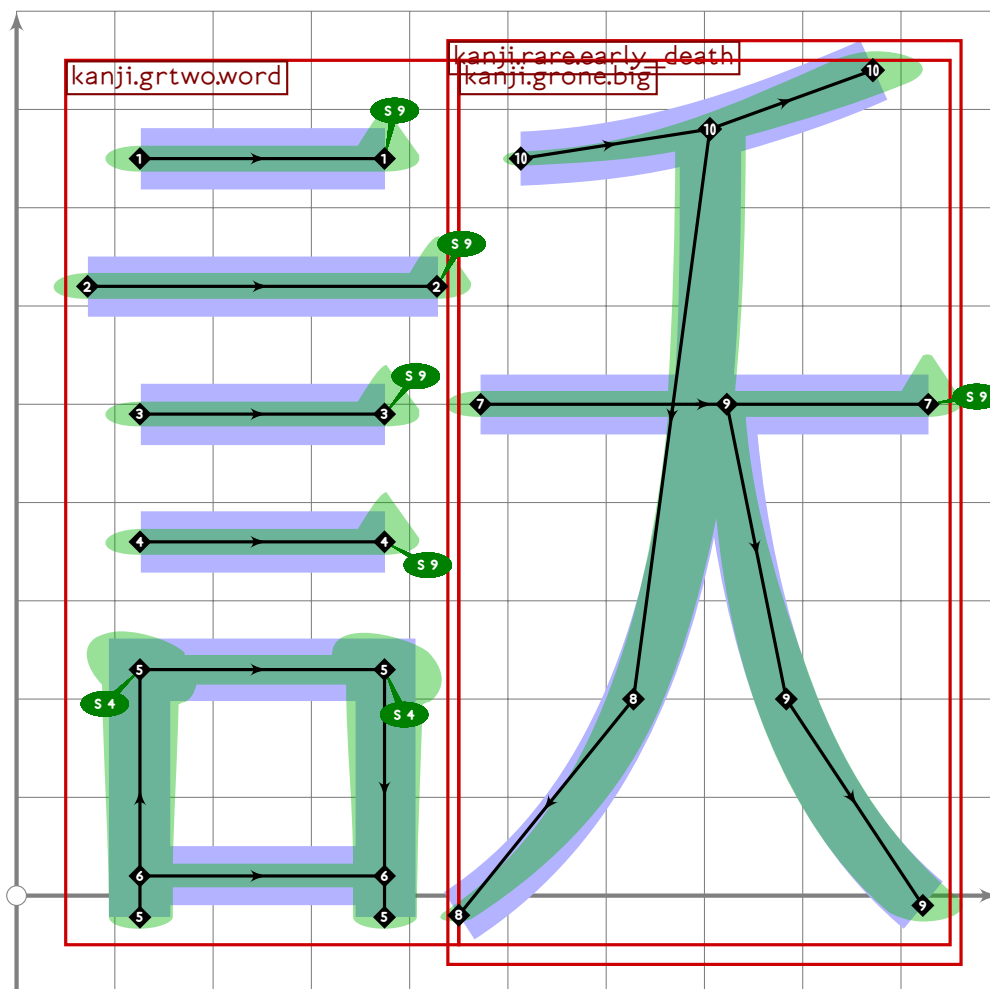
```

```

509 % extra "doubt"
510 begintsuglyph("uni8A1D",29);
511   build_kanji.level(build_kanji.lr(450,0)
512     (kanji.grtwo.word)
513     (kanji.greight.tusk));
514   tsu_render;
515 endtsuglyph;
516

```

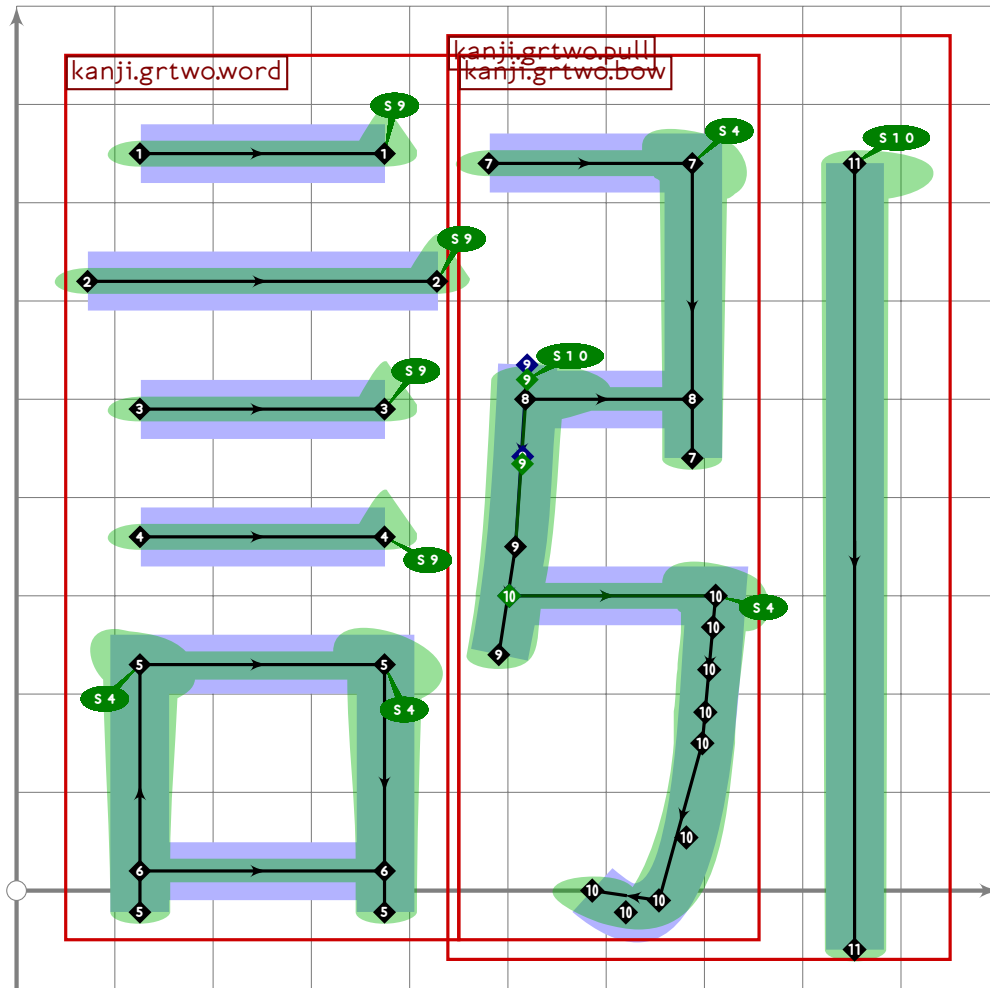


```

517 % extra
518 begintsuglyph("uni8A1E";30);
519   build_kanji.level(build_kanji.lr(450,0)
520     (kanji.grtwo.word)
521     (kanji.rare.early_death));
522   tsu_render;
523 endtsuglyph;
524
525 % shou "sue"
526 begintsuglyph("uni8A1F";31);
527   kanji.greight.sue;
528   tsu_render;
529 endtsuglyph;
530

```

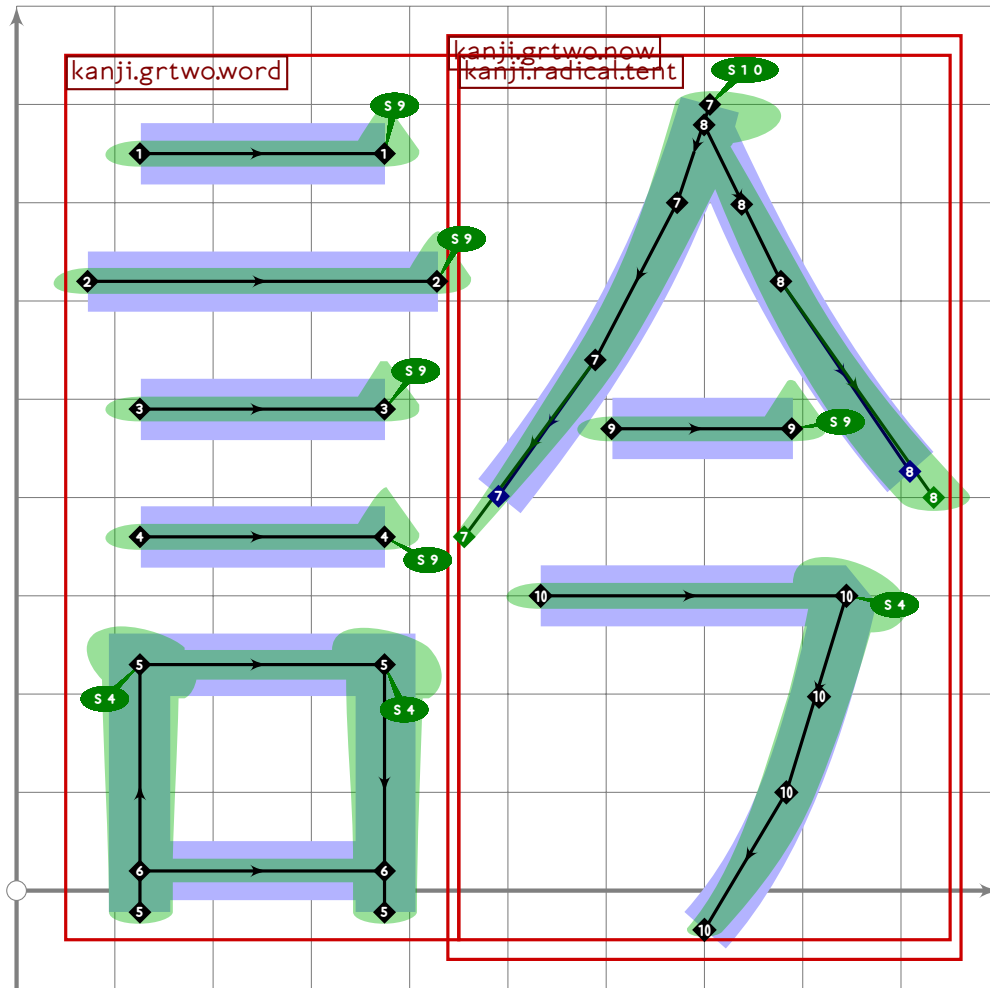
[see page 3994]



```

531 % extra
532 begintsuglyph("uni8A20";32);
533   build_kanji.level(build_kanji.lr(450,0)
534     (kanji.grtwo.word)
535     (kanji.grtwo.pull));
536   tsu_render;
537 endtsuglyph;
538

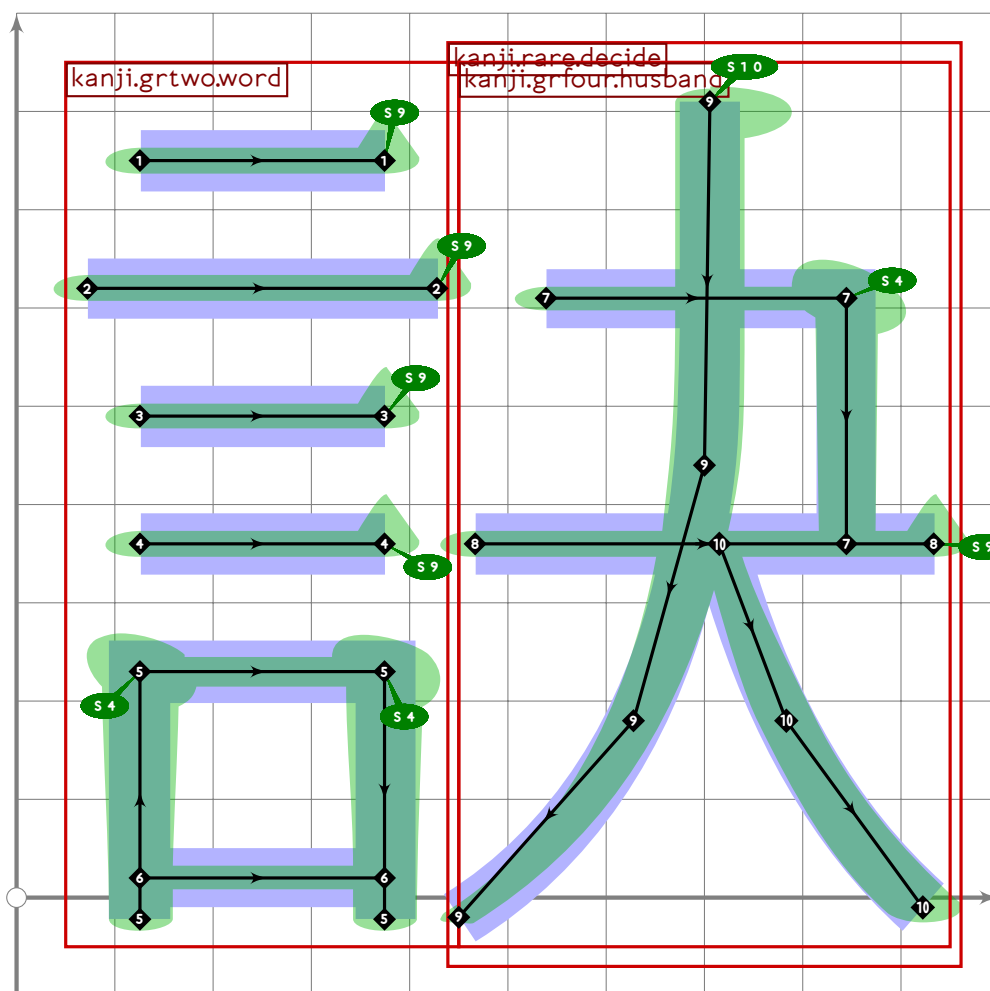
```



```

539 % extra
540 begintsuglyph("uni8A21",33);
541   build_kanji.level(build_kanji.lr(450,0)
542     (kanji.grtwo.word)
543     (kanji.grtwo.now));
544   tsu_render;
545 endtsuglyph;
546

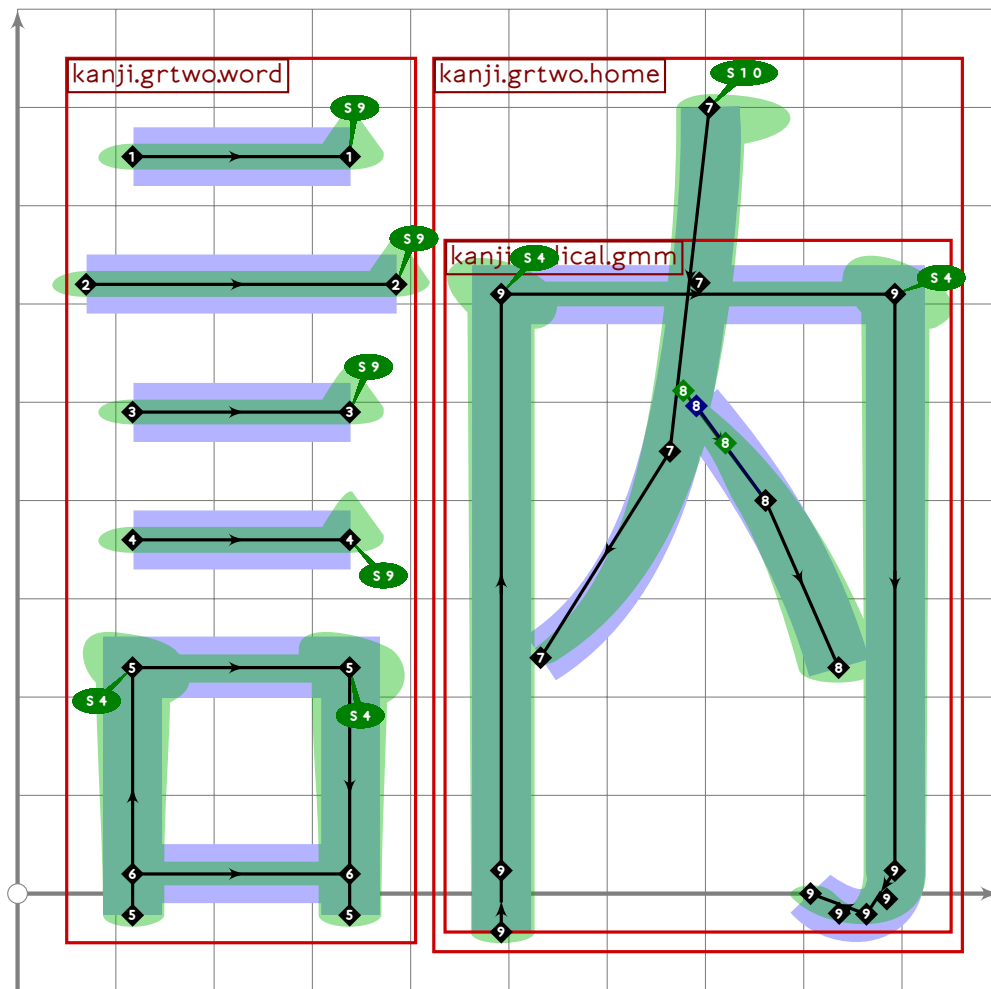
```



```

547 % extra "separation"
548 begintsuglyph("uni8A23";35);
549   build_kanji.level(build_kanji.lr(450,0)
550     (kanji.grtwo.word)
551     (kanji.rare.decide));
552   tsu_render;
553 endtsuglyph;
554

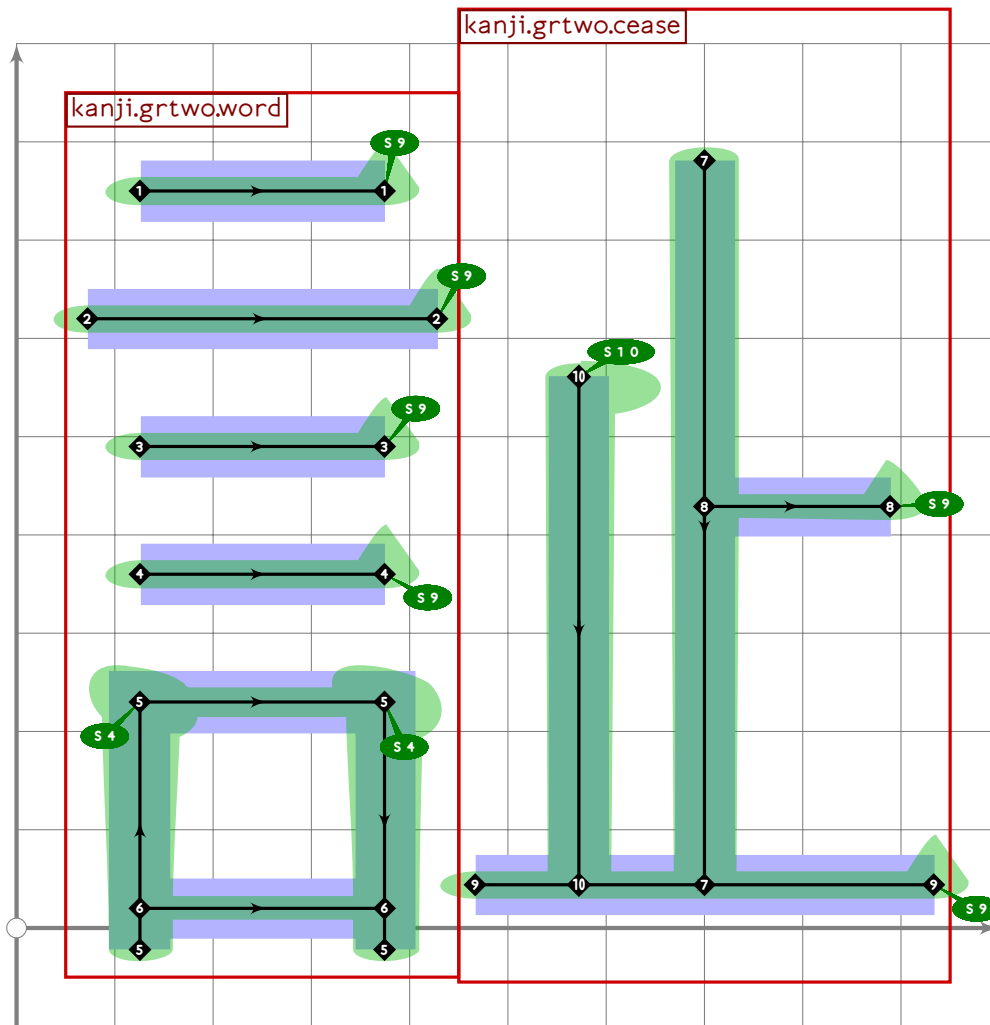
```



```

555 % extra "stutter"
556 begintsuglyph("uni8A25";37);
557   build_kanji.level(build_kanji.lr(420;30)
558     (kanji.grtwo.word)
559     (kanji.grtwo.home));
560   tsu_render;
561 endtsuglyph;
562

```

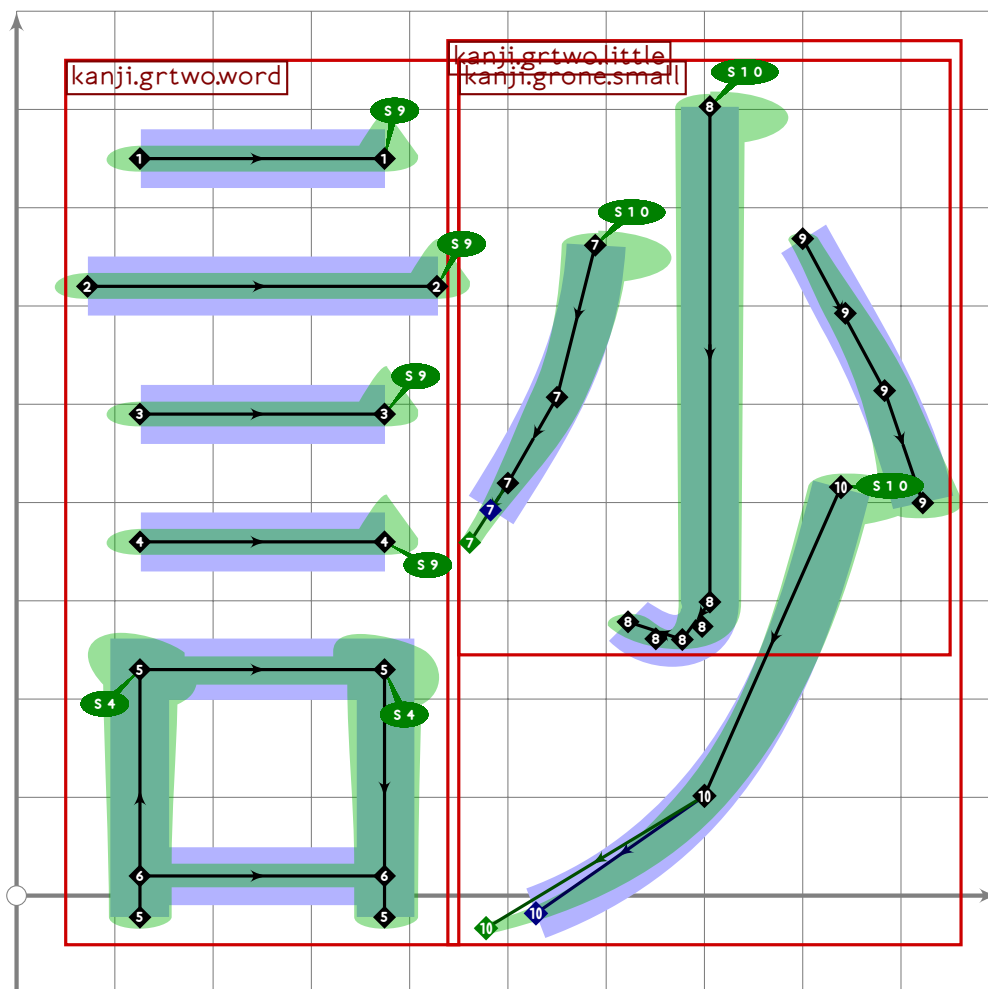


```

563 % extra
564 begintsuglyph("uni8A28"40);
565   build_kanji.level(build_kanji.lr(450,0)
566     (kanji.grtwo.word)
567     (tsu_xform(identity yscaled 1.1)(kanji.grtwo.cease)));
568   tsu_render;
569 endtsuglyph;
570
571 % hou/otazu "visit"
572 begintsuglyph("uni8A2A"42);
573   kanji.grsix.visit;
574   tsu_render;
575 endtsuglyph;
576

```

[see page 3982]



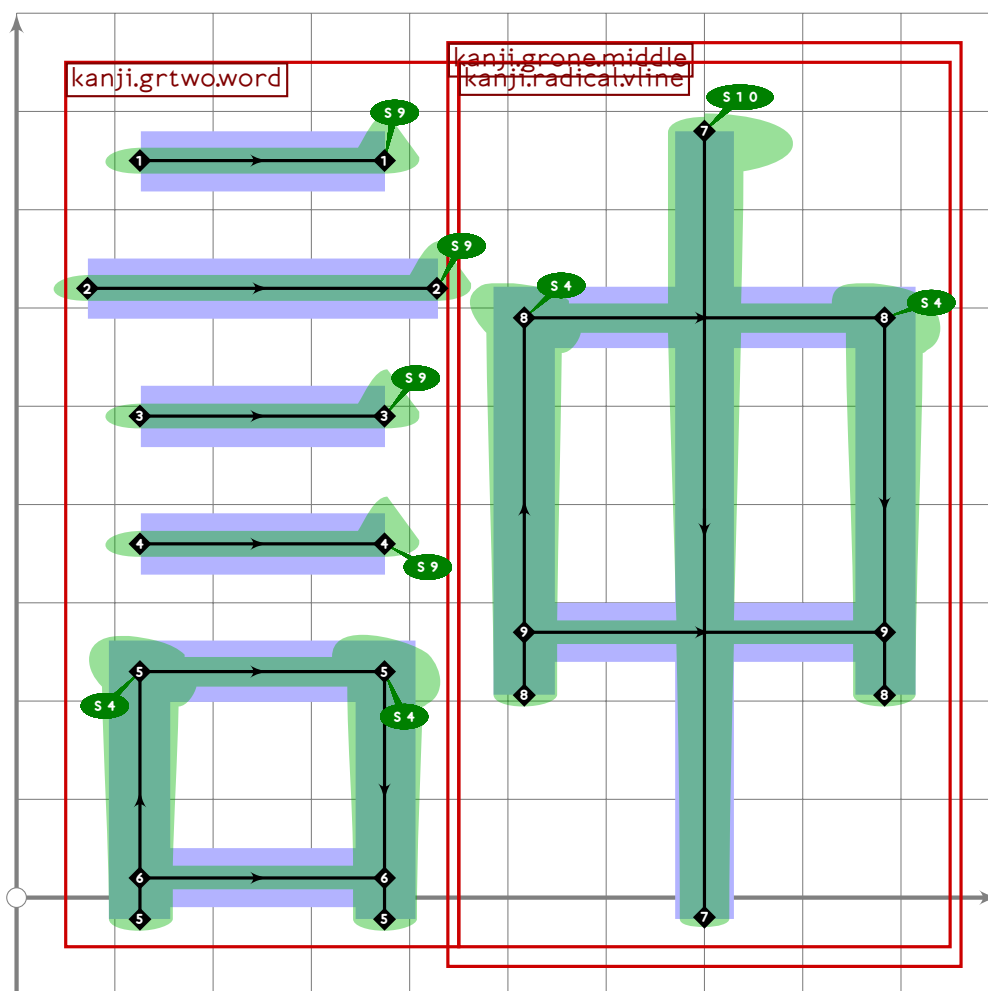
```

577 % extra
578 begintsuglyph("uni8A2C";44);
579   build_kanji.level(build_kanji.lr(450,0)
580     (kanji.grtwo.word)
581     (kanji.grtwo.little));
582   tsu_render;
583 endtsuglyph;
584
585 % satsu/mou "preparation"
586 begintsuglyph("uni8A2D";45);
587   kanji.grfive.preparation;
588   tsu_render;
589 endtsuglyph;
590
591 % kyo/yuru "permit" (forgive)
592 begintsuglyph("uni8A31";49);
593   kanji.grfive.permit;
594   tsu_render;
595 endtsuglyph;
596

```

[see page 3974]

[see page 3973]

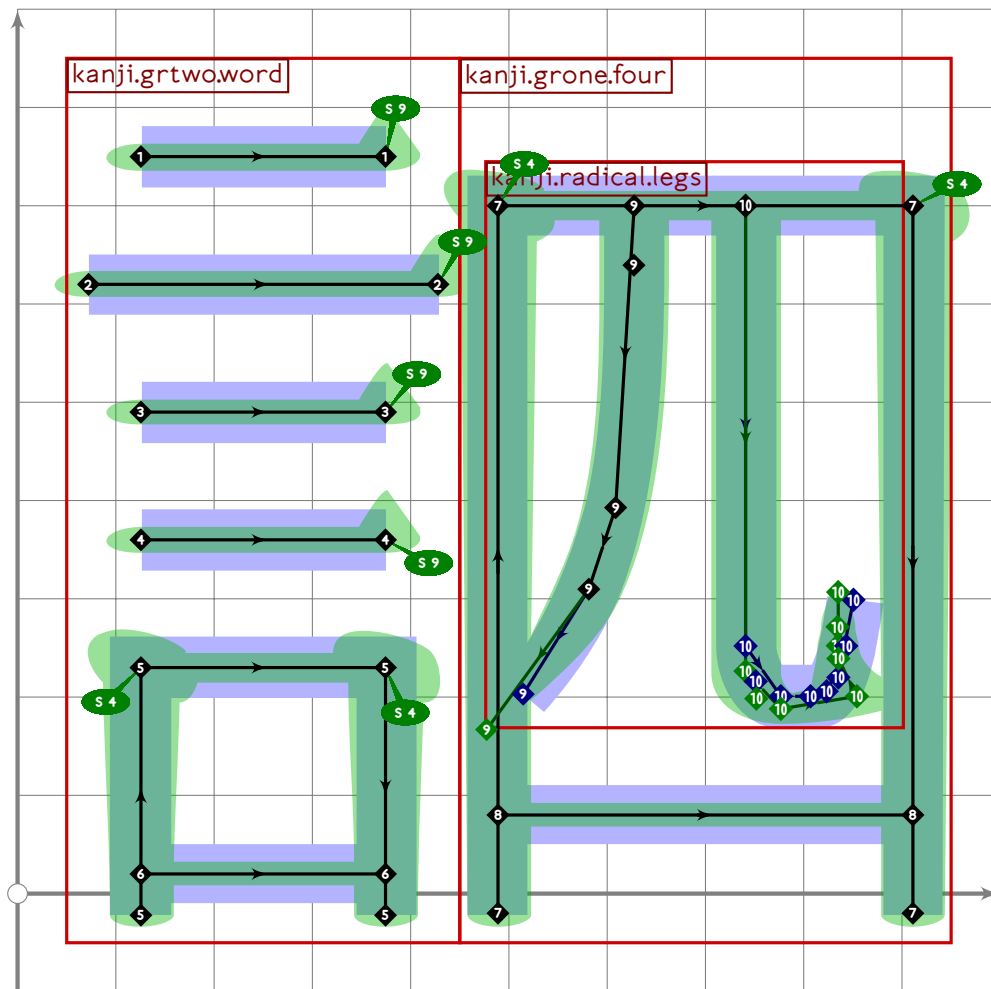


```

597 % extra
598 begintsuglyph("uni8A32";50);
599   build_kanji.level(build_kanji.lr(450,0)
600     (kanji.grtwo.word)
601     (kanji.grone.middle));
602   tsu_render;
603 endtsuglyph;
604
605 % yaku/wake "translate"
606 begintsuglyph("uni8A33";51);
607   kanji.grsix.translate;
608   tsu_render;
609 endtsuglyph;
610

```

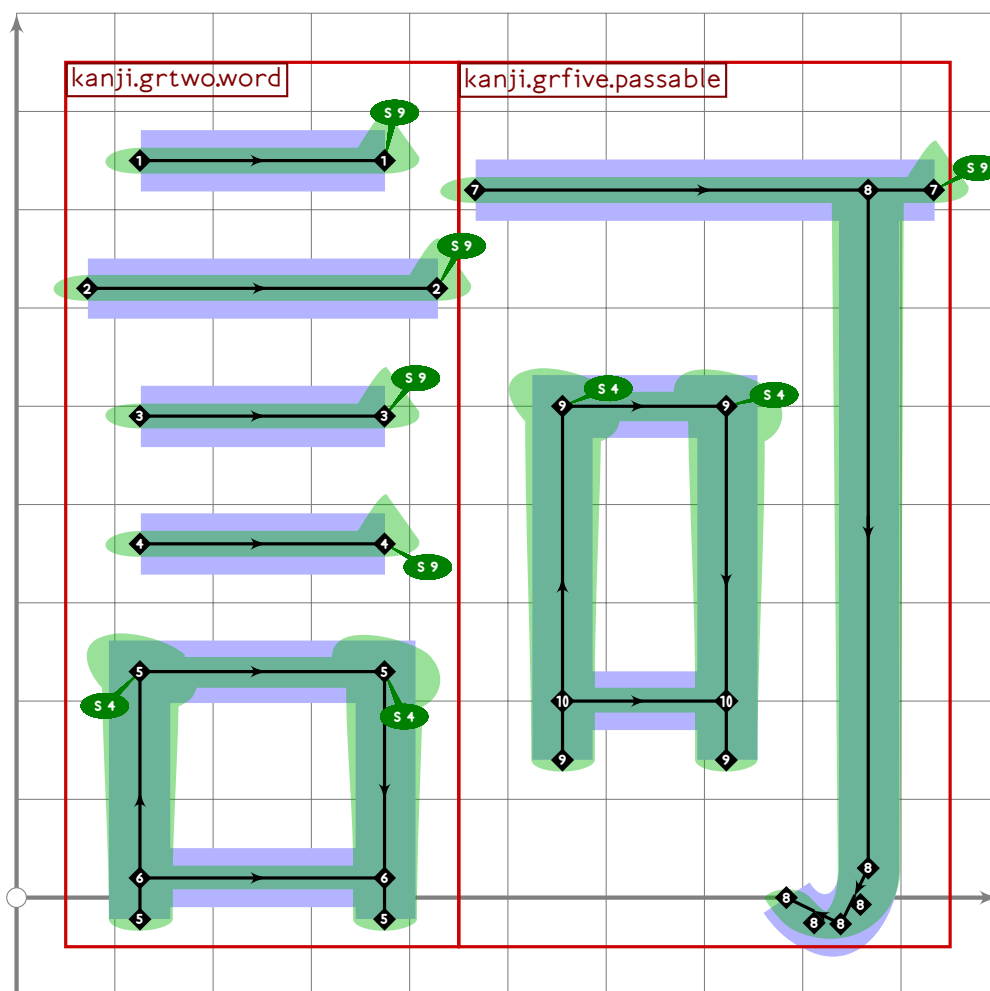
[see page 3981]



```

611 % extra
612 begintsuglyph("uni8A35",53);
613   build_kanji.level(build_kanji.lr(450,0)
614     (kanji.grtwo.word)
615     (kanji.grone.four));
616   tsu_render;
617 endtsuglyph;
618

```

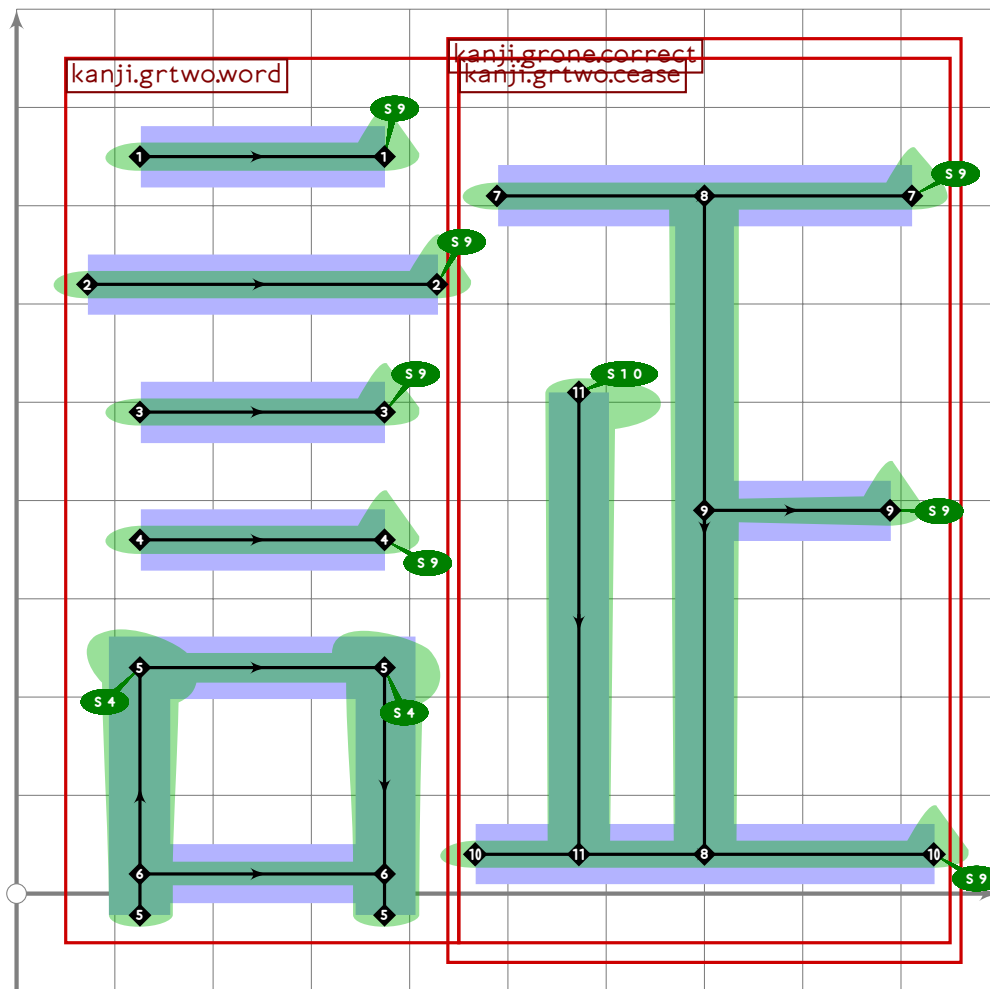


```

619 % extra
620 begintsuglyph("uni8A36",54);
621   build_kanji.level(build_kanji.lr(450,0)
622     (kanji.grtwo.word)
623     (kanji.grfive.passable));
624   tsu_render;
625 endtsuglyph;
626
627 % chou "annotate"
628 begintsuglyph("uni8A3B",59);
629   kanji.grnine.annotate;
630   tsu_render;
631 endtsuglyph;
632

```

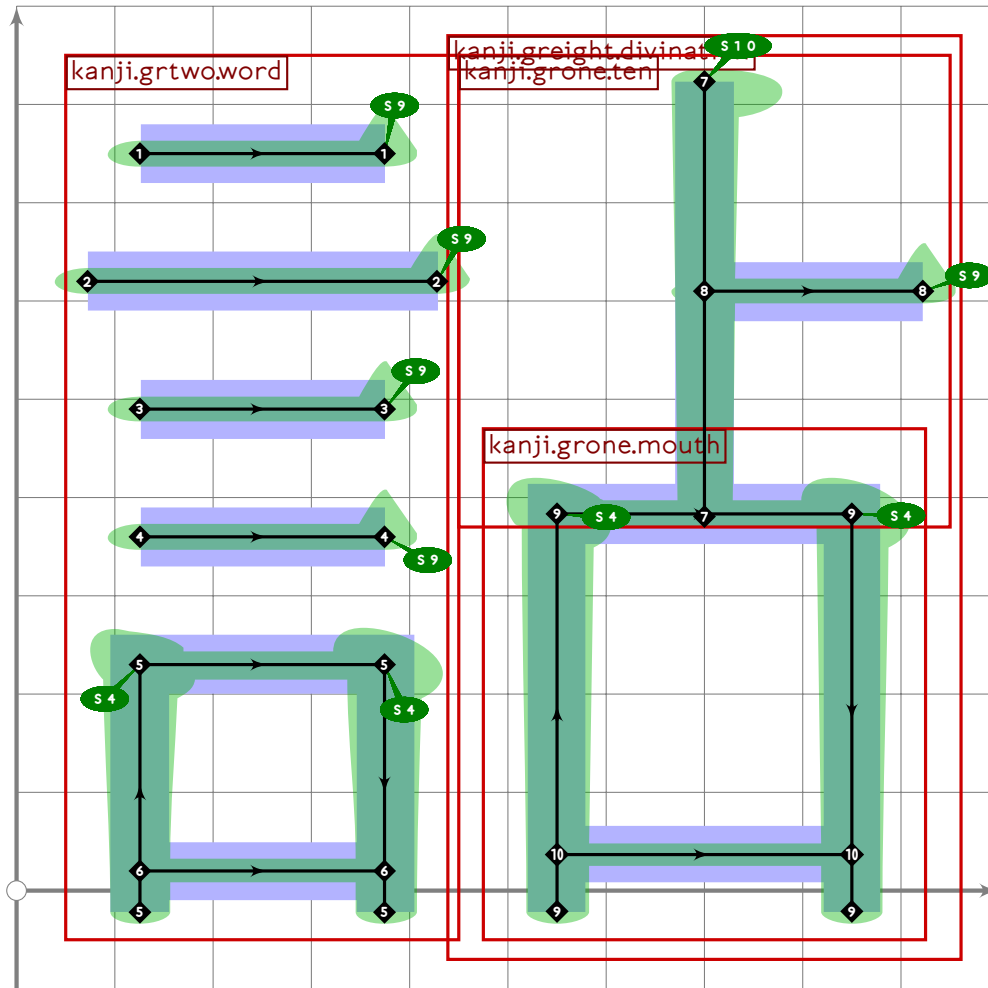
[see page 3997]



```

633 % extra
634 begintsuglyph("uni8A3C",60);
635   build_kanji.level(build_kanji.lr(450,0)
636     (kanji.grtwo.word)
637     (kanji.grone.correct));
638   tsu_render;
639 endtsuglyph;
640

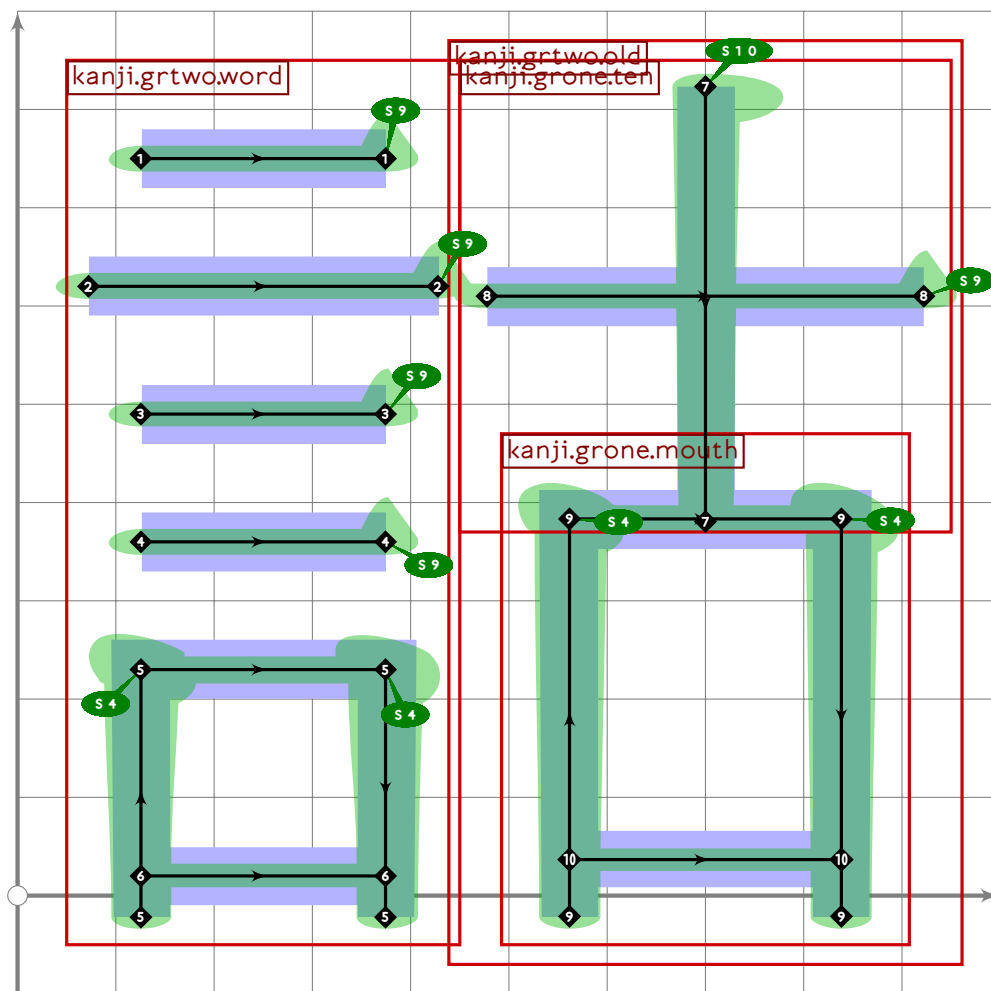
```



```

641 % extra
642 begintsuglyph("uni8A40",64);
643   build_kanji.level(build_kanji.lr(450,0)
644     (kanji.grtwo.word)
645     (kanji.greight.divination));
646   tsu_render;
647 endtsuglyph;
648

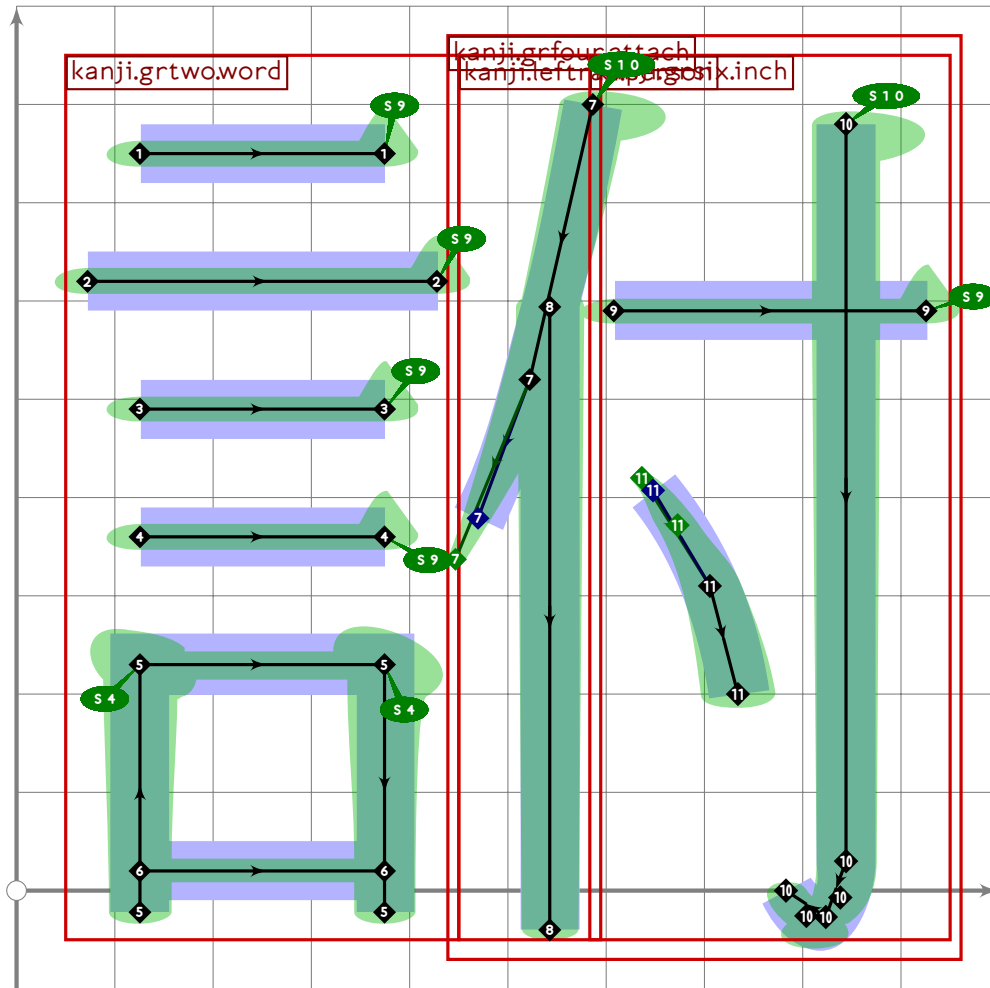
```



```

649 % extra
650 begintsuglyph("uni8A41",65);
651   build_kanji.level(build_kanji.lr(450,0)
652     (kanji.grtwo.word)
653     (kanji.grtwo.old));
654   tsu_render;
655 endtsuglyph;
656

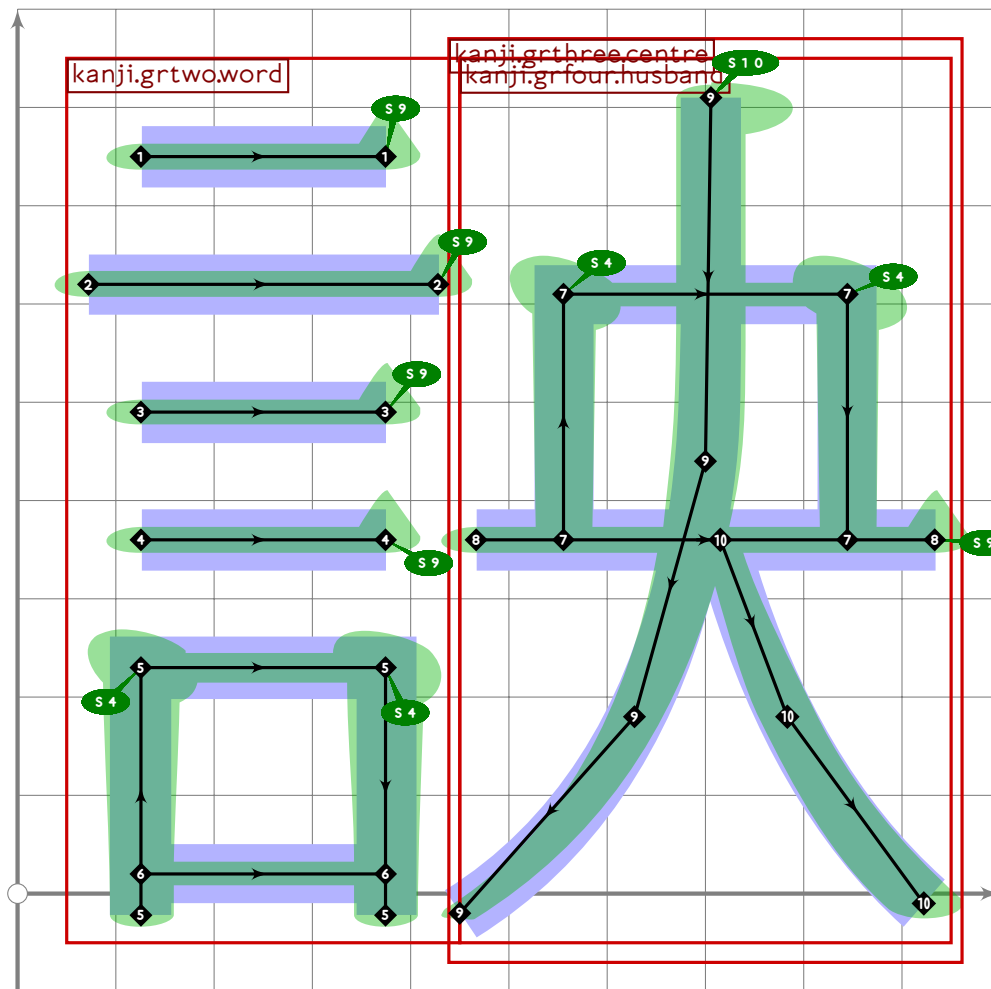
```



```

657 % extra
658 begintsuglyph("uni8A42",66);
659   build_kanji.level(build_kanji.lr(450,0)
660     (kanji.grtwo.word)
661     (kanji.grfour.attach));
662   tsu_render;
663 endtsuglyph;
664

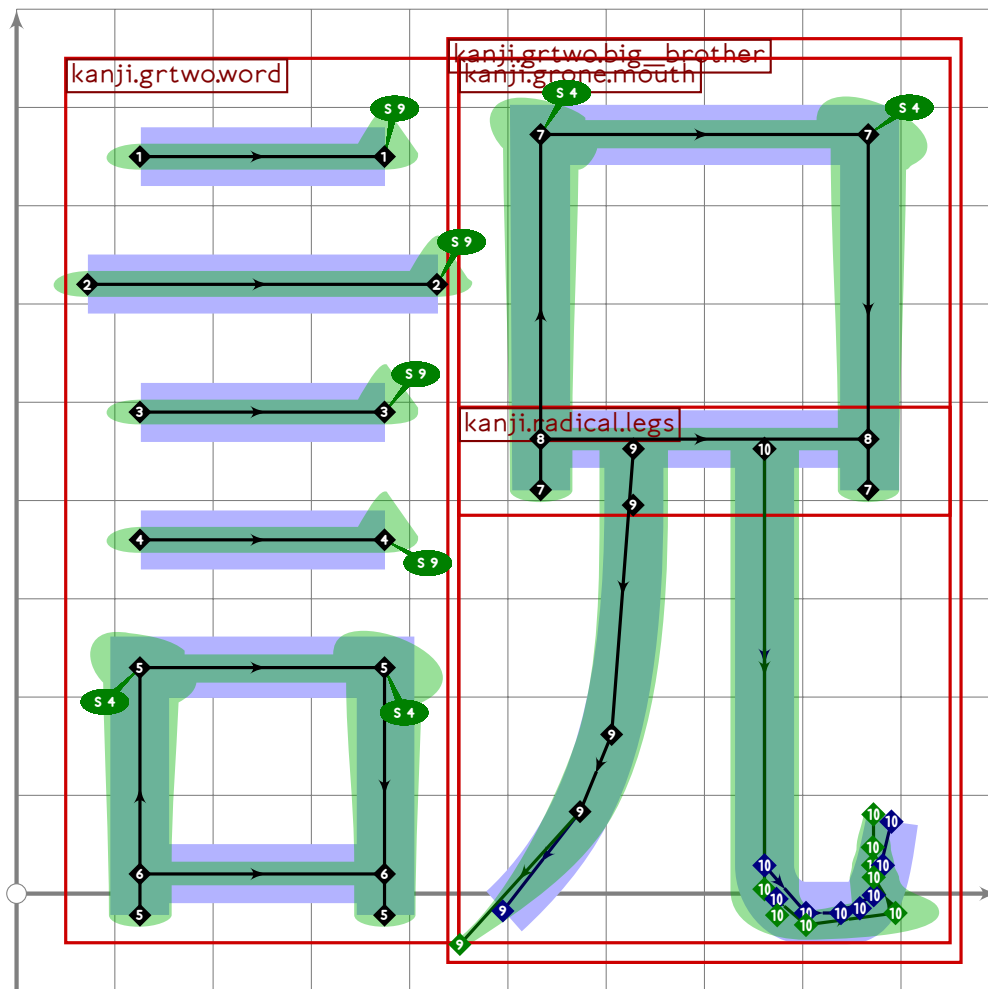
```



```

665 % extra
666 begintsuglyph("uni8A47";71);
667   build_kanji.level(build_kanji.lr(450,0)
668     (kanji.grtwo.word)
669     (kanji.grthree.centre));
670   tsu_render;
671 endtsuglyph;
672

```

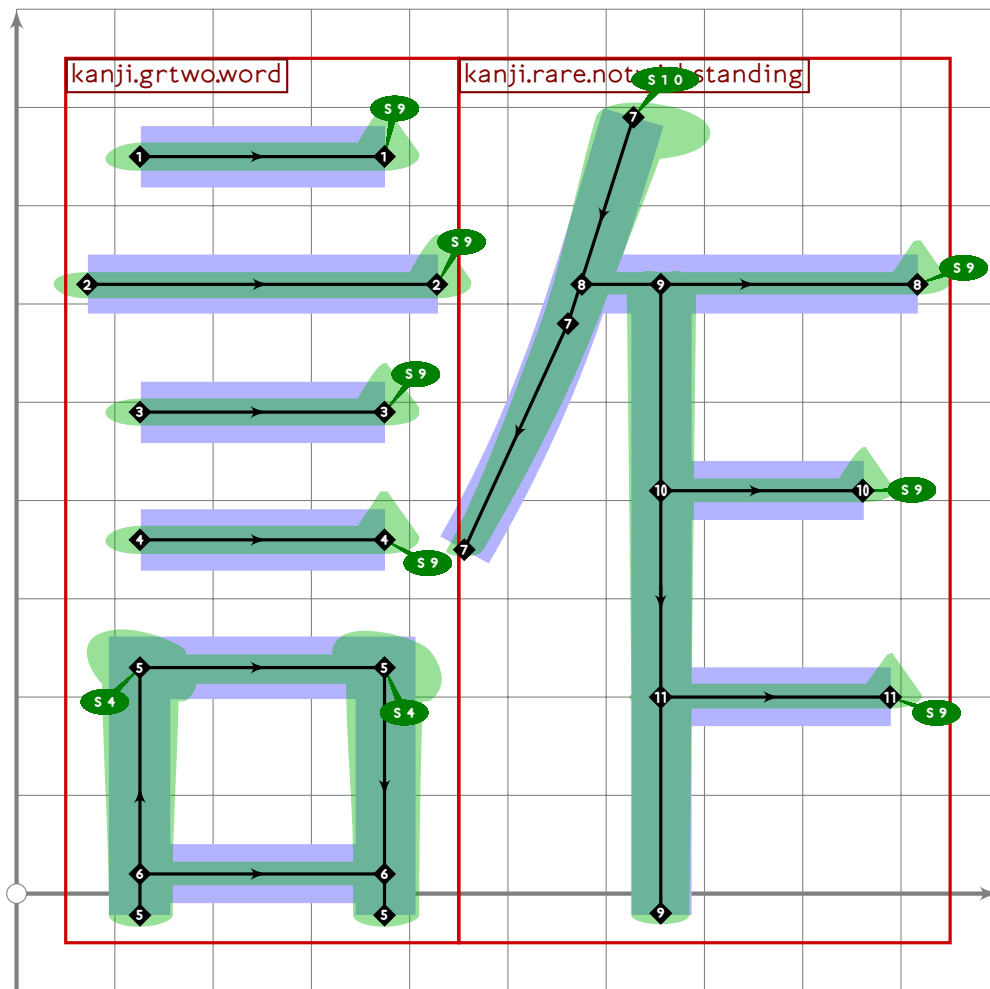
```

673 % extra
674 begintsuglyph("uni8A4B",75);
675   build_kanji.level(build_kanji.lr(450,0)
676     (kanji.grtwo.word)
677     (kanji.grtwo.big_brother));
678   tsu_render;
679 endtsuglyph;
680

```

U+8A50
tsuku.uni8A50

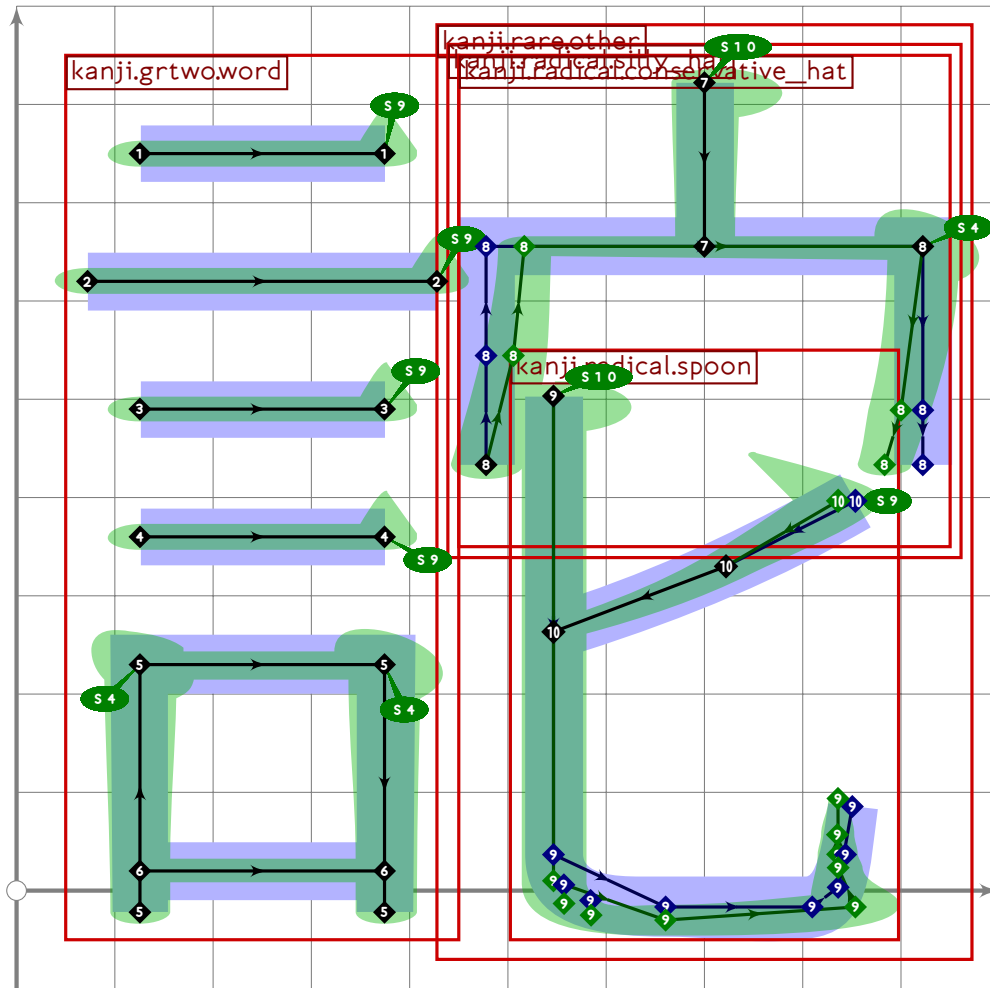
8A



```

681 % extra
682 begintsuglyph("uni8A50";80);
683   build_kanji.level(build_kanji.lr(450,0)
684     (kanji.grtwo.word)
685     (kanji.rare.notwithstanding));
686   tsu_render;
687 endtsuglyph;
688

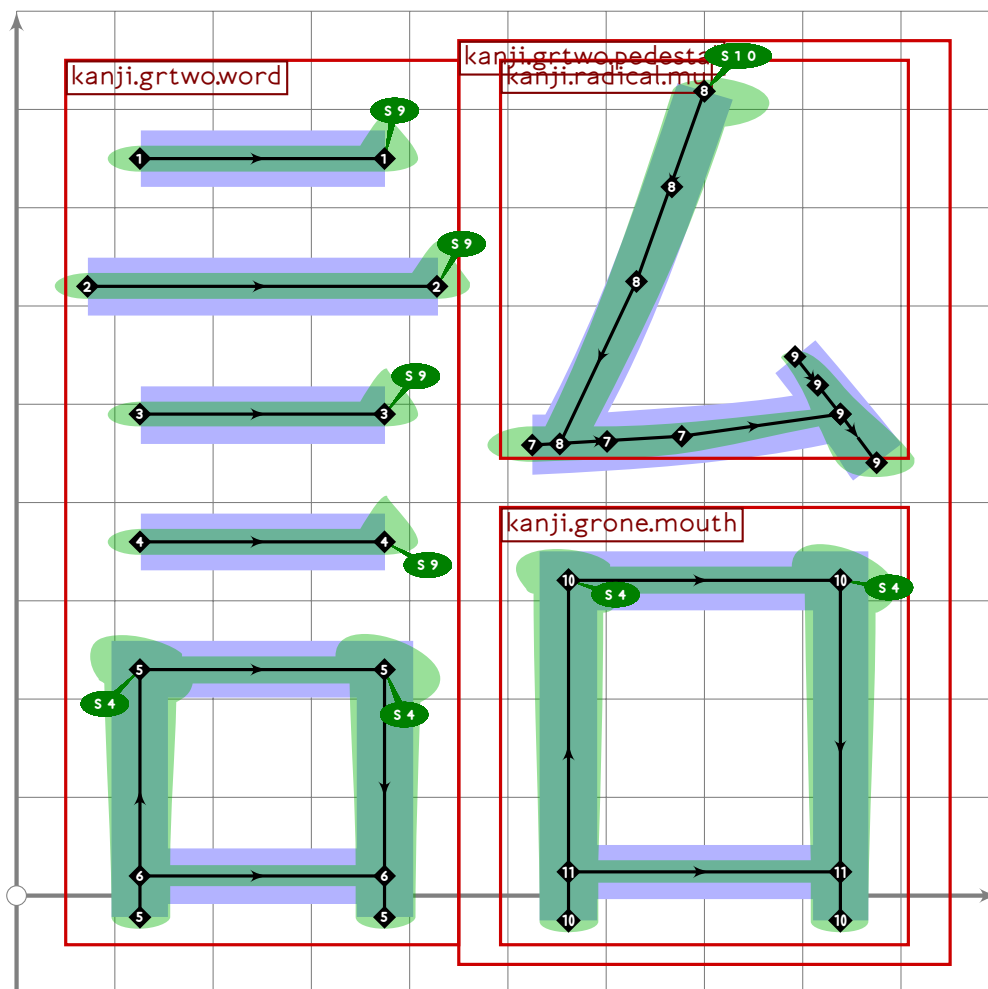
```



```

689 % extra
690 begintuglyph("uni8A51";81);
691   build_kanji.level(build_kanji.lr(450,0)
692     (kanji.grtwo.word)
693     (kanji.rare.other));
694   tsu_render;
695 endtsuglyph;
696

```



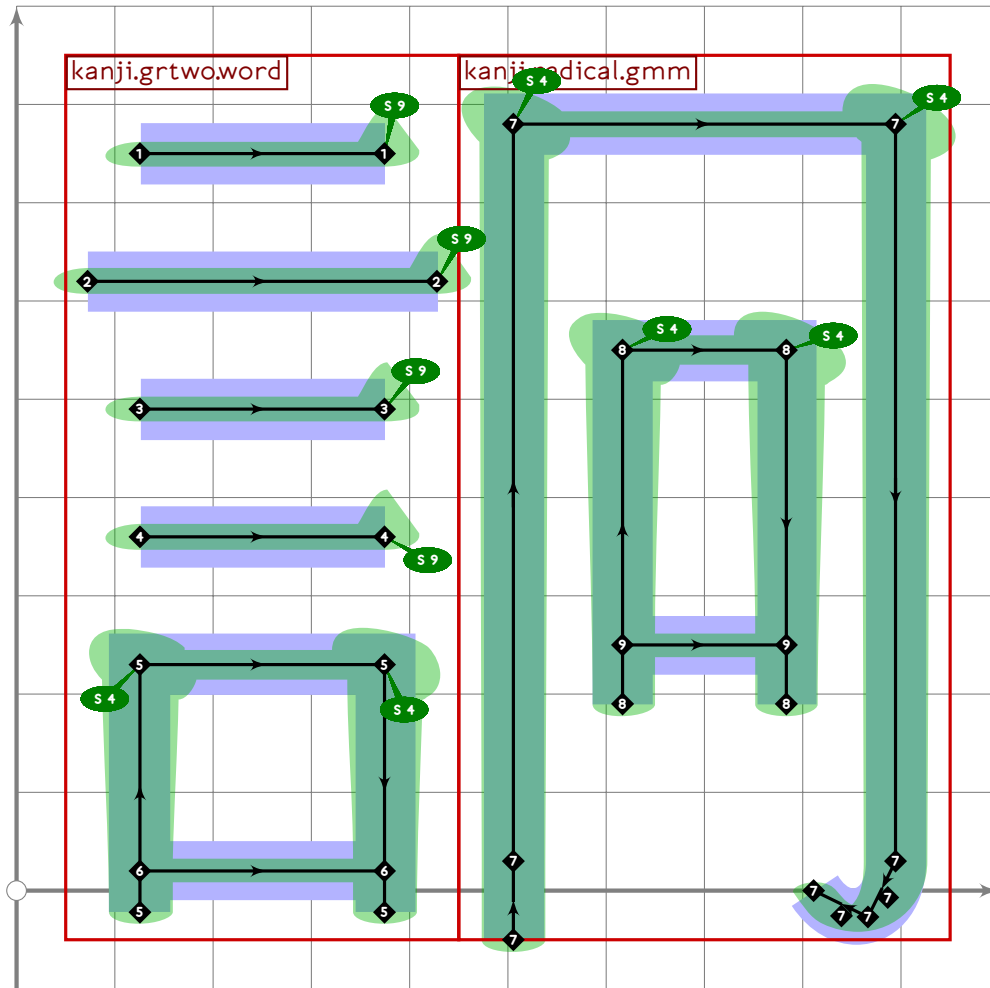
```

697 % extra
698 begintsuglyph("uni8A52";82);
699   build_kanji.level(build_kanji.lr(450,0)
700     (kanji.grtwo.word)
701     (kanji.grtwo.pedestal));
702   tsu_render;
703 endtsuglyph;
704
705 % shou/mikotonori "imperial edict"
706 begintsuglyph("uni8A54";84);
707   kanji.greight.edict;
708   tsu_render;
709 endtsuglyph;
710
711 % hyou "evaluate"
712 begintsuglyph("uni8A55";85);
713   kanji.grfive.evaluate;
714   tsu_render;
715 endtsuglyph;
716

```

[see page 3986]

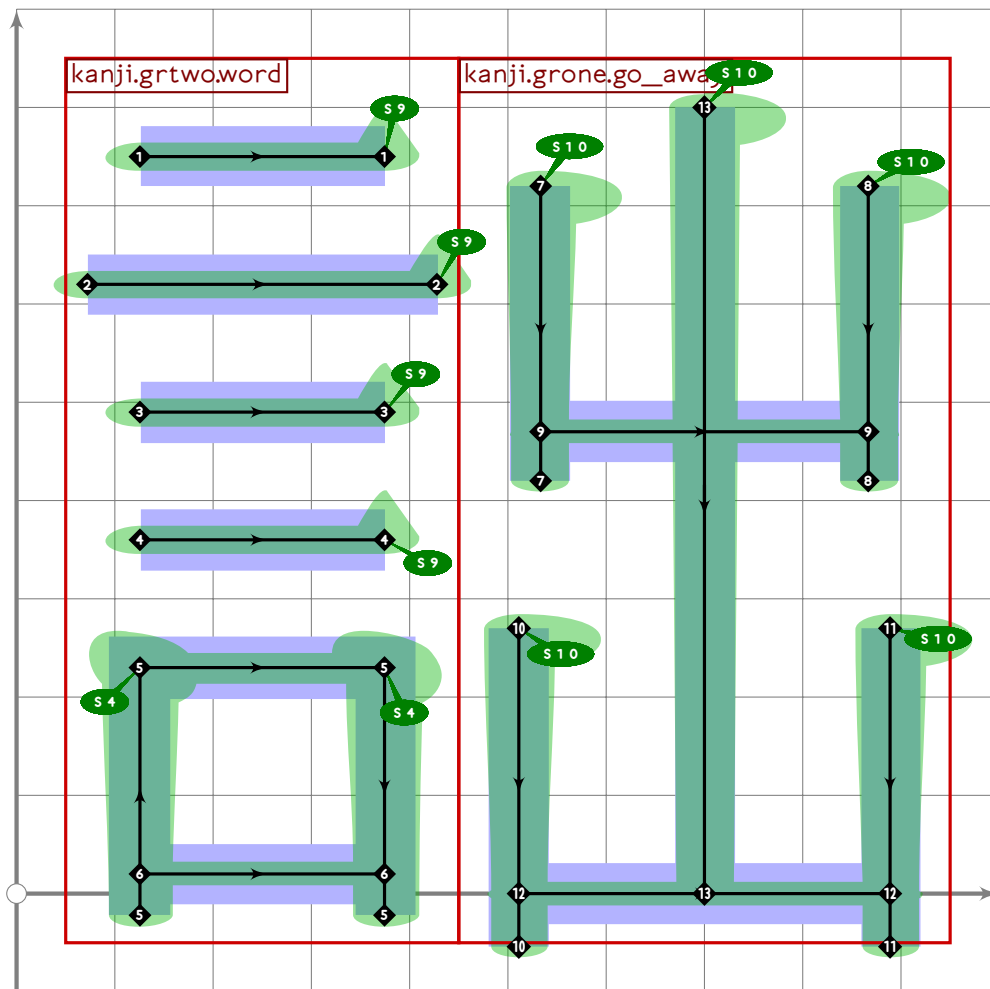
[see page 3972]



```

717 % extra
718 begintsuglyph("uni8A57";87);
719   build_kanji.level(build_kanji.lr(450,0)
720     (kanji.grtwo.word)
721     (kanji.radical.gmm;
722       build_kanji.box((350,550),(650,250));));
723   tsu_render;
724 endtsuglyph;
725

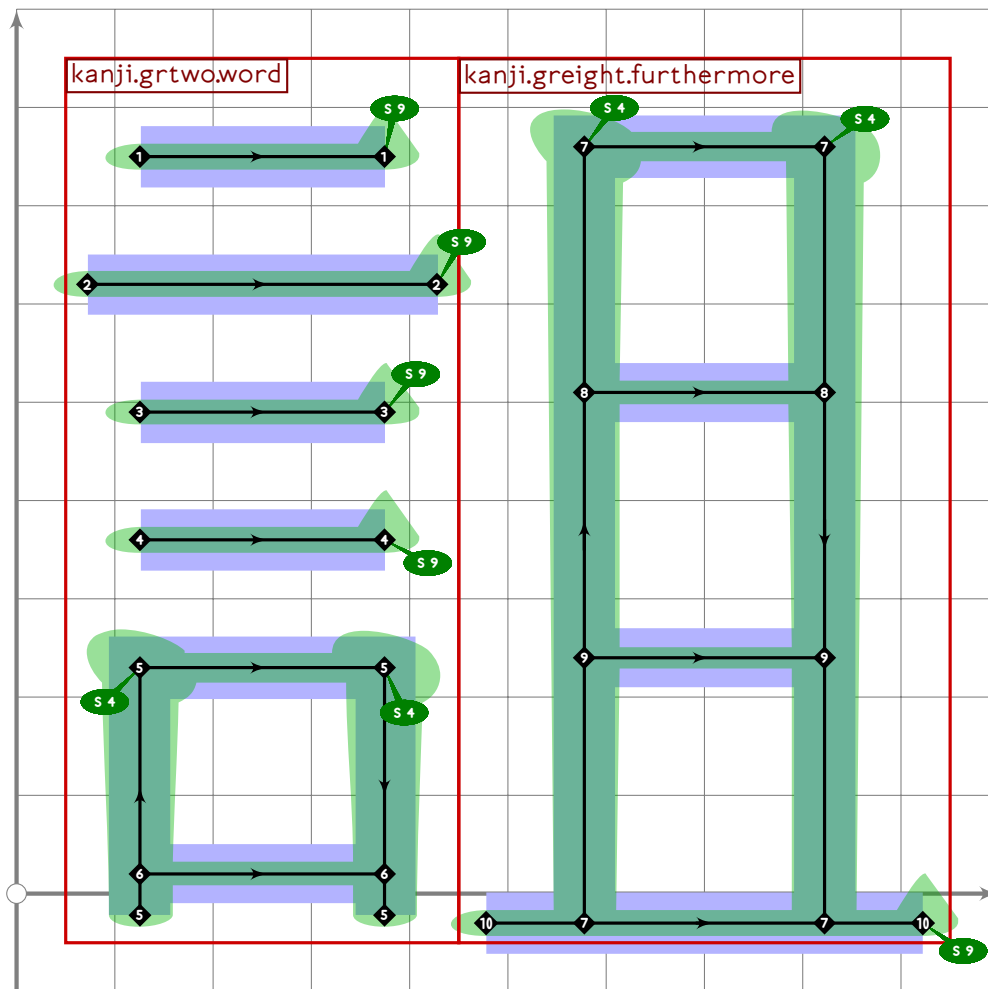
```



```

726 % extra
727 begintsuglyph("uni8A58",88);
728   build_kanji.level(build_kanji.lr(450,0)
729     (kanji.grtwo.word)
730     (kanji.grone.go_away));
731   tsu_render;
732 endtsuglyph;
733

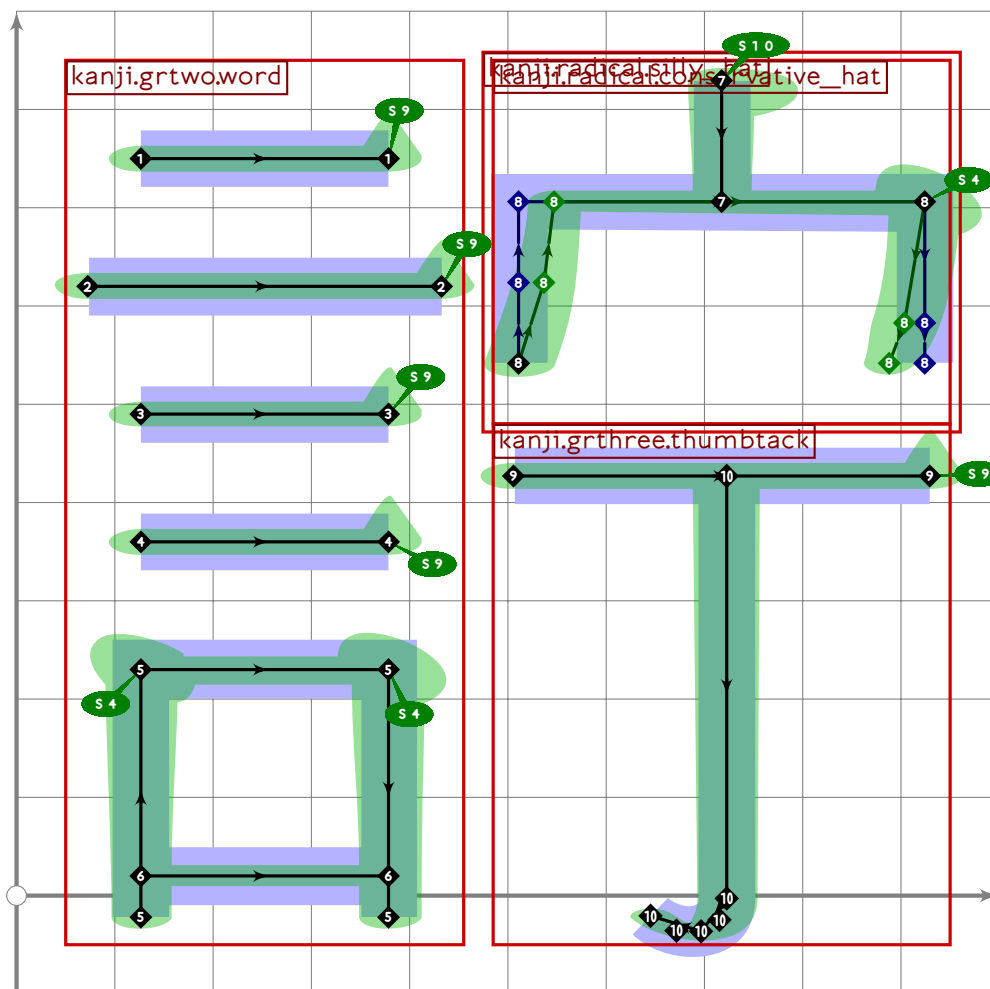
```



```

734 % extra "curse"
735 begintsuglyph("uni8A5B'91);
736   build_kanji.level(build_kanji.lr(450,0)
737     (kanji.grtwo.word)
738     (kanji.greight.furthermore));
739   tsu_render;
740 endtsuglyph;
741

```



```

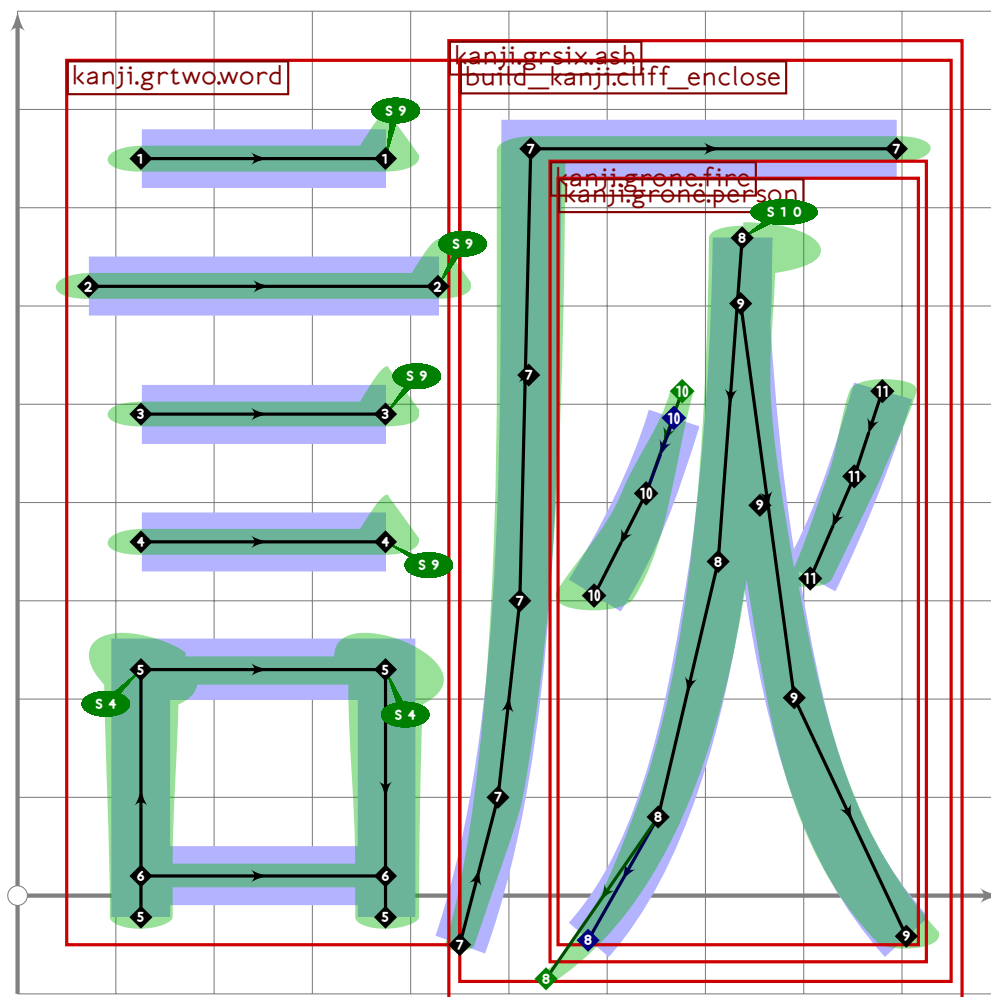
742 % extra
743 begintsuglyph("uni8A5D";93);
744   build_kanji.level(build_kanji.lr(470;30)
745     (kanji.grtwo.word)
746     (build_kanji.tb(480;0)
747       (kanji.radical.silly_hat)
748       (kanji.grthree.thumbtack)));
749   tsu_render;
750 endtsuglyph;
751
752 % shi "part of speech"
753 begintsuglyph("uni8A5E";94);
754   kanji.grsix.part_of_speech;
755   tsu_render;
756 endtsuglyph;
757
758 % ei/yo "compose" (as, a song)
759 begintsuglyph("uni8A60";96);
760   kanji.greight.compose;
761   tsu_render;
762 endtsuglyph;

```

[see page 3979]

[see page 3983]

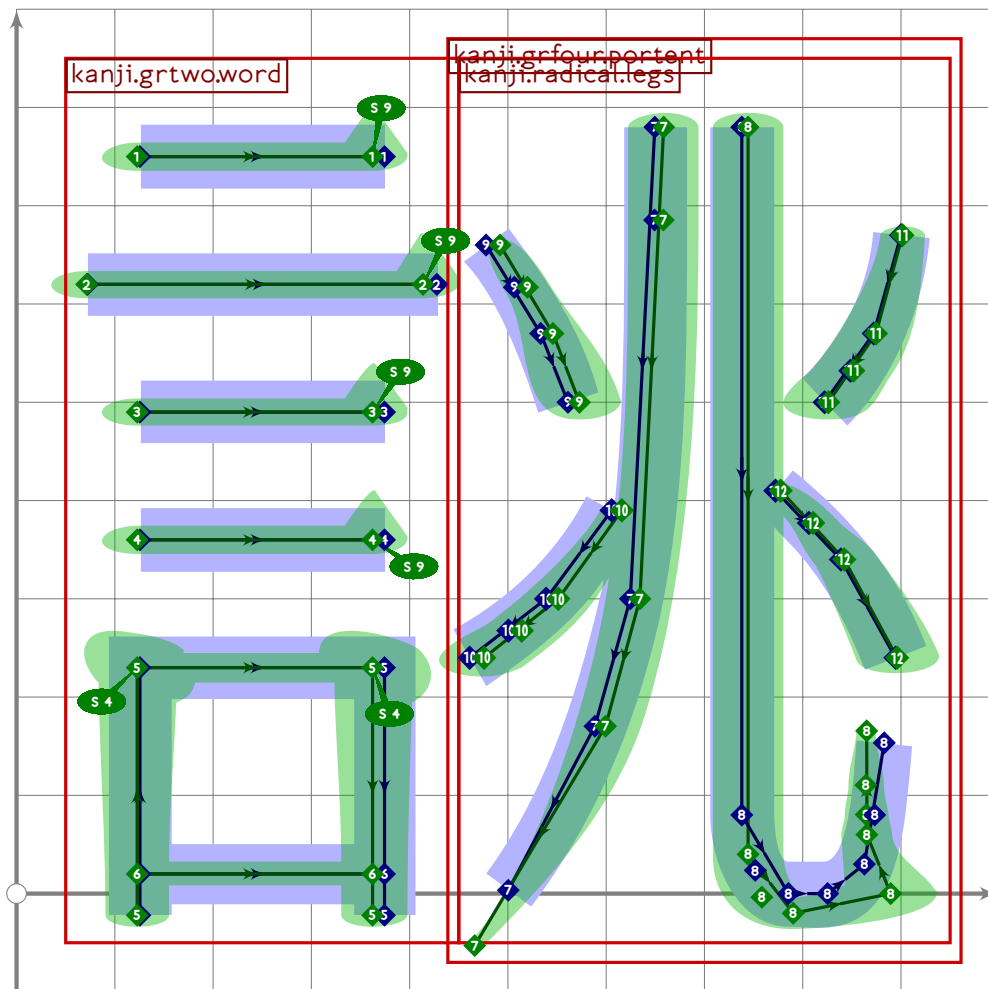
763
 764 % kei/mou "pilgrimage"
 765 begintsuglyph("uni8A63";99); [see page 3991]
 766 kanji.greight.pilgrimage;
 767 tsu__render;
 768 endtsuglyph;
 769
 770 % shi/kokoro "test"
 771 begintsuglyph("uni8A66";102); [see page 3971]
 772 kanji.grfour.test;
 773 tsu__render;
 774 endtsuglyph;
 775
 776 % shi/uta "poem"
 777 begintsuglyph("uni8A69";105); [see page 3966]
 778 kanji.grthree.poem;
 779 tsu__render;
 780 endtsuglyph;
 781
 782 % sen "justified means"
 783 begintsuglyph("uni8A6E";110); [see page 3988]
 784 kanji.greight.justified_means;
 785 tsu__render;
 786 endtsuglyph;
 787
 788 % kitsu/tsu "packed"
 789 begintsuglyph("uni8A70";112); [see page 3990]
 790 kanji.greight.packed;
 791 tsu__render;
 792 endtsuglyph;
 793
 794 % wa/hana "talk"
 795 begintsuglyph("uni8A71";113); [see page 3964]
 796 kanji.grtwo.talk;
 797 tsu__render;
 798 endtsuglyph;
 799
 800 % shou/kuwa "detailed"
 801 begintsuglyph("uni8A73";115); [see page 3985]
 802 kanji.greight.detailed;
 803 tsu__render;
 804 endtsuglyph;
 805



```

806 % extra "jest"
807 begintsuglyph("uni8A7C";124);
808   build_kanji.level(build_kanji.lr(450,0)
809     (kanji.grtwo.word)
810     (kanji.grsix.ash));
811   tsu_render;
812 endtsuglyph;
813

```



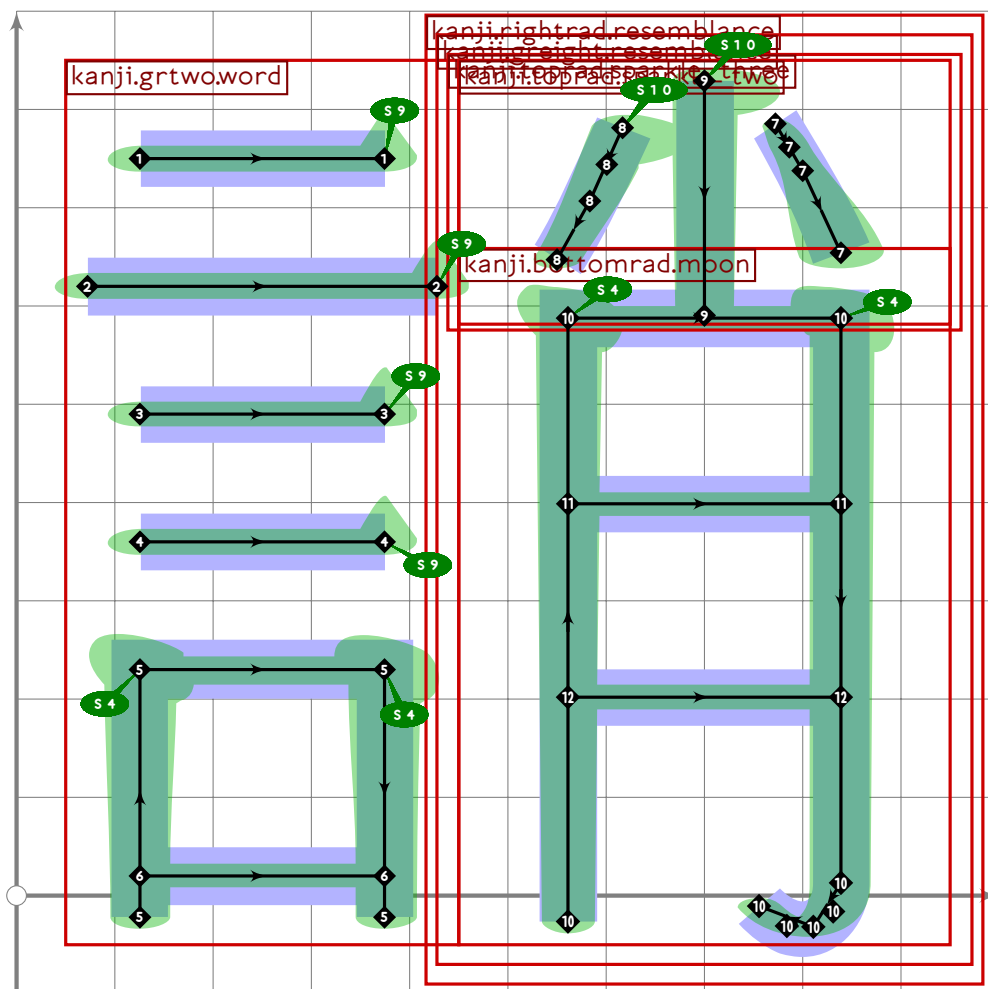
```

814 % extra "order"
815 begintsuglyph("uni8A82",130);
816   build_kanji.level(build_kanji.lr(450;30*mincho)
817     (kanji.grtwo.word)
818     (kanji.grfour.portent));
819   tsu_render;
820 endtsuglyph;
821
822 % shi "magazine"
823 begintsuglyph("uni8A8C",140);
824   kanji.grsix.magazine;
825   tsu_render;
826 endtsuglyph;
827
828 % tan "nativity"
829 begintsuglyph("uni8A95",149);
830   kanji.grsix.nativity;
831   tsu_render;
832 endtsuglyph;
833

```

[see page 3977]

[see page 3978]



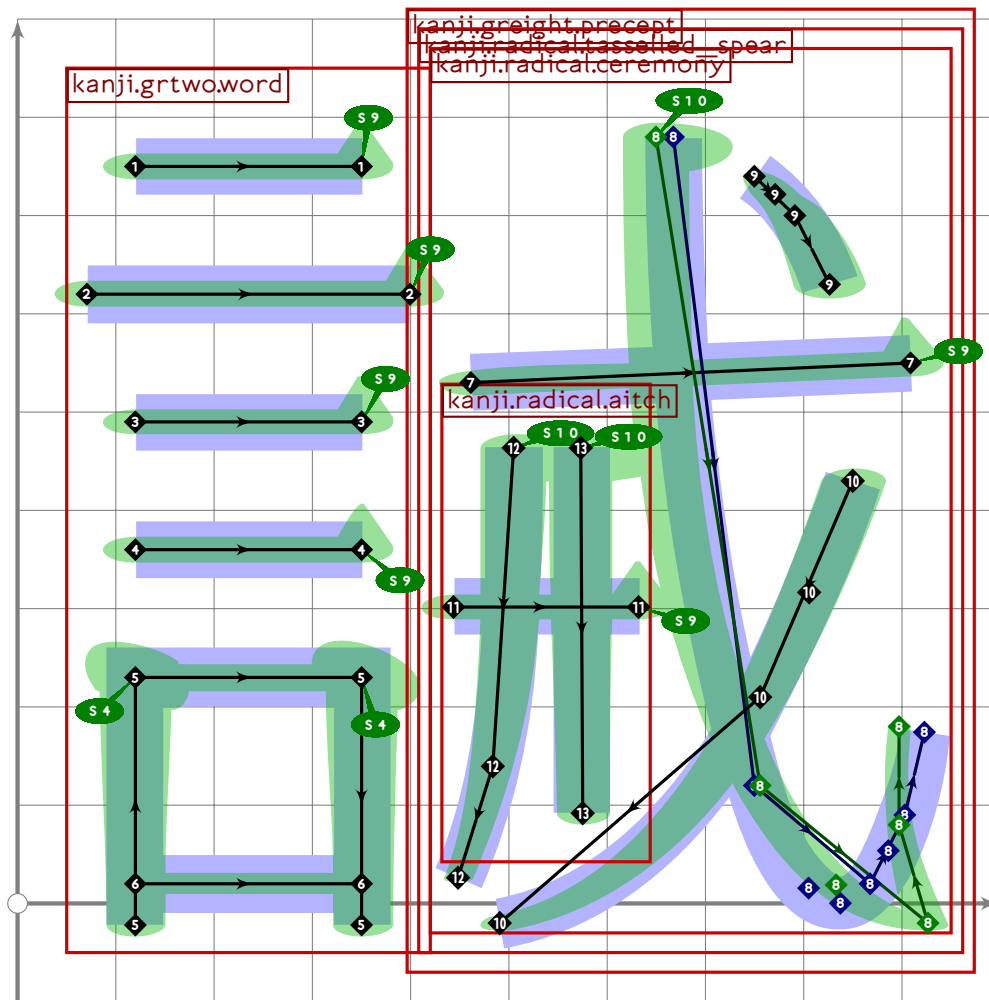
```

834 % extra "censure"
835 begintsuglyph("uni8A9A";154);
836   build_kanji.level(build_kanji.lr(450,0)
837     (kanji.grtwo.word)
838     (kanji.rightrad.resemblance));
839   tsu_render;
840 endtsuglyph;
841
842 % go/kata "language"
843 begintsuglyph("uni8A9E";158);
844   kanji.grtwo.language;
845   tsu_render;
846 endtsuglyph;
847
848 % sei/makoto "sincerity"
849 begintsuglyph("uni8AA0";160);
850   kanji.grsix.sincerity;
851   tsu_render;
852 endtsuglyph;
853

```

[see page 3961]

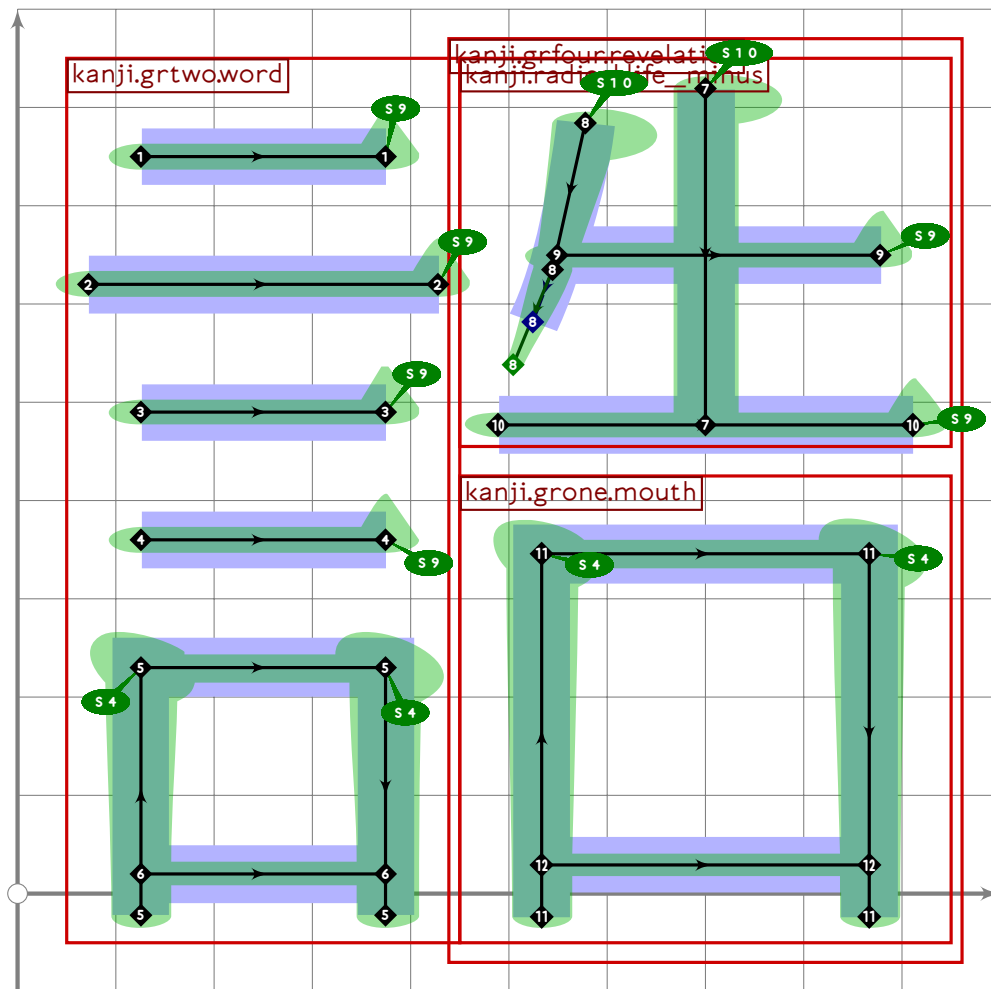
[see page 3980]



```

854 % extra "admonish"
855 begintsuglyph("uni8AA1",161);
856   build_kanji.level(build_kanji.lr(420,0)
857     (kanji.grtwoword)
858     (build_kanji.sscale(shifted (0,20))(kanji.greight.precept)));
859   tsu_render;
860 endtsuglyph;
861

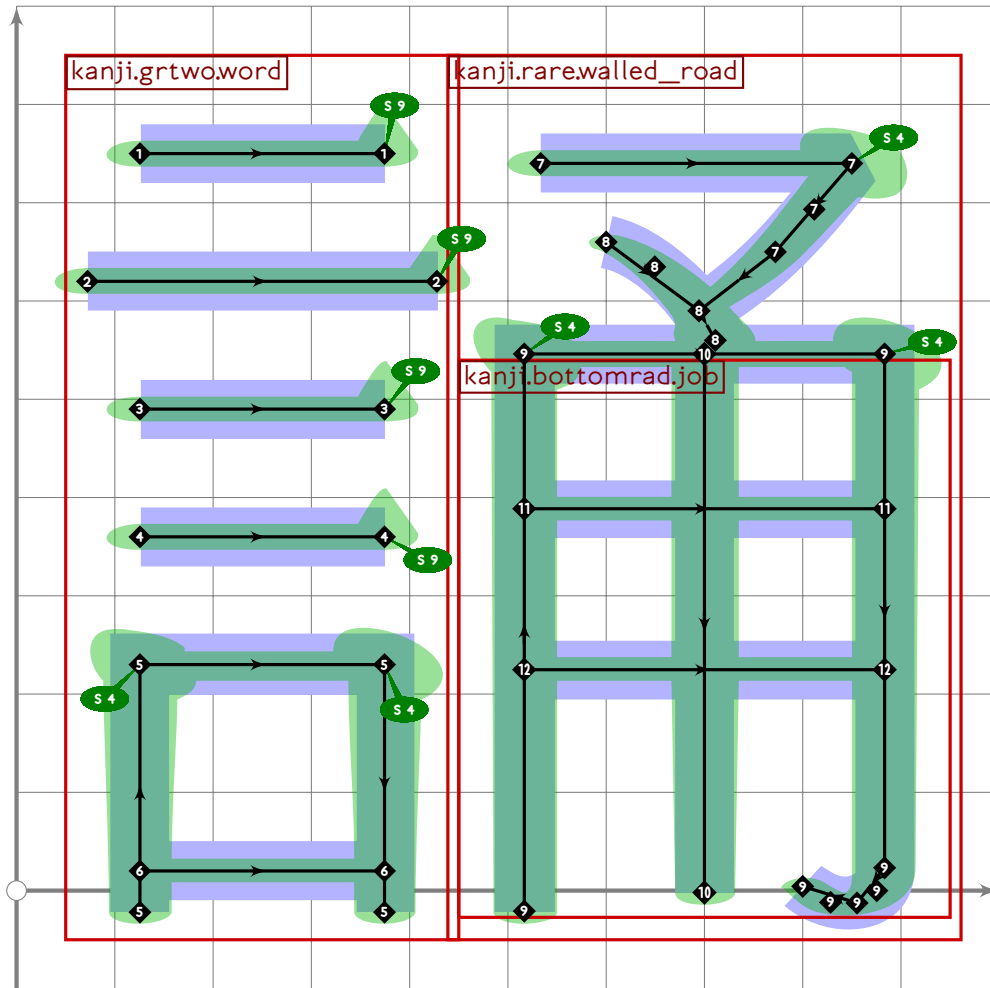
```



```

862 % extra "give instructions"
863 begintsuglyph("uni8AA5";165);
864   build_kanji.level(build_kanji.lr(450,0)
865     (kanji.grtwo.word)
866     (kanji.grfour.revelation));
867   tsu_render;
868 endtsuglyph;
869

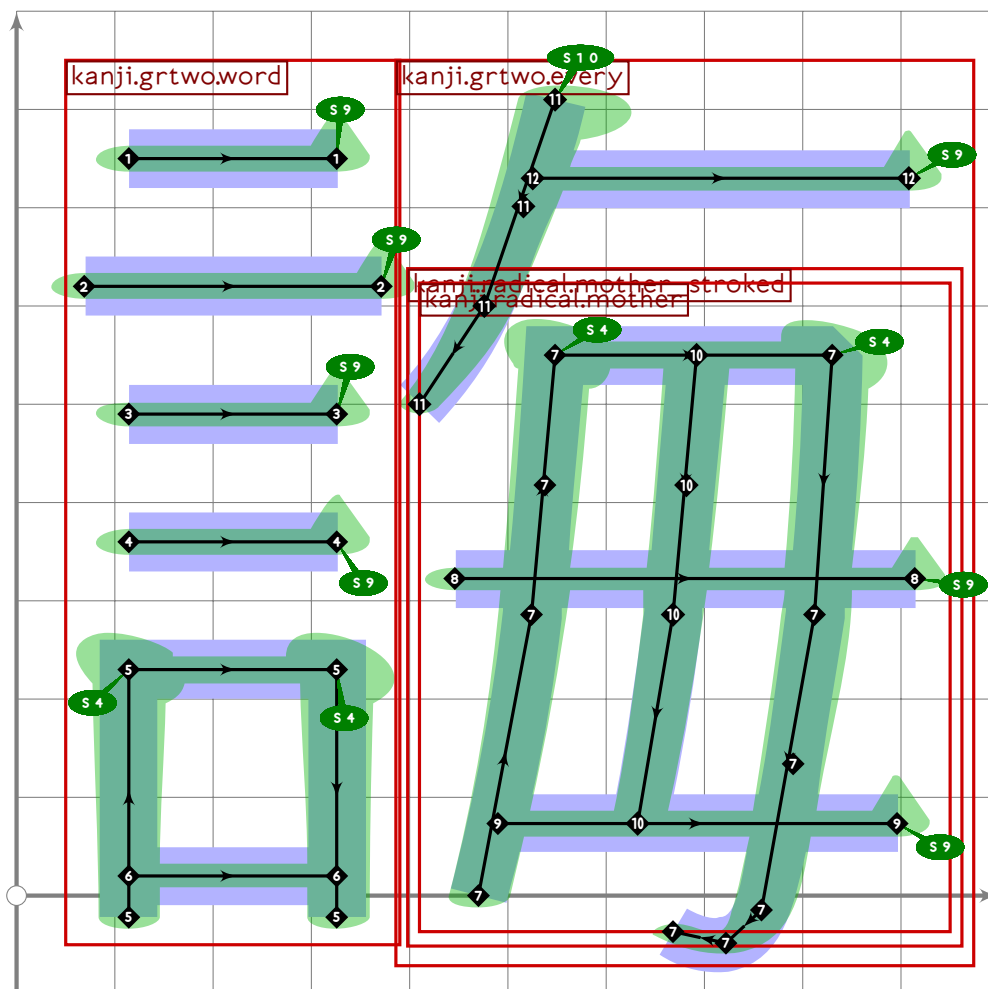
```



```

870 % extra "recite"
871 begintsuglyph("uni8AA6";166);
872   build_kanji.level(build_kanji.lr(450,0)
873     (kanji.grtwo.word)
874     (kanji.rare.walled_road));
875   tsu_render;
876 endtsuglyph;
877

```



```

878 % extra "instruct"
879 begintsuglyph("uni8AA8";168);
880   build_kanji.level(build_kanji.lr(400;20)
881     (kanji.grtwo.word)
882     (kanji.grtwo.every));
883   tsu_render;
884 endtsuglyph;
885
886 % setsu/to "preach"
887 begintsuglyph("uni8AAC";172);
888   kanji.grfour.preach;
889   tsu_render;
890 endtsuglyph;
891
892 % goku/yo "read"
893 begintsuglyph("uni8AAD";173);
894   kanji.grtwo.read;
895   tsu_render;
896 endtsuglyph;
897
898 % sui/dare "who"

```

[see page 3970]

[see page 3963]

[see page 3995]

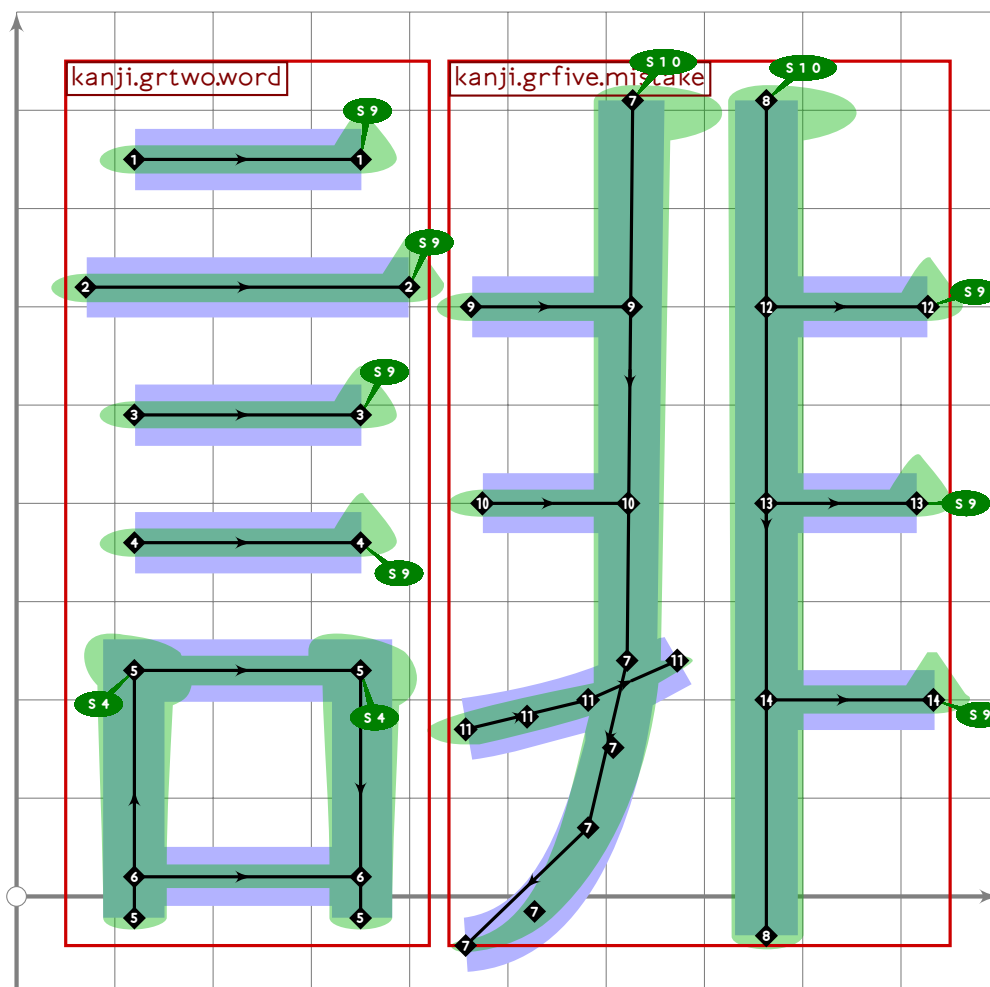
8A

```

899 begintsuglyph("uni8AB0";176);
900   kanji.greight.who;
901   tsu_render;
902 endtsuglyph;
903
904 % ka "lesson"
905 begintsuglyph("uni8AB2";178);
906   kanji.grfour.lesson;
907   tsu_render;
908 endtsuglyph;
909

```

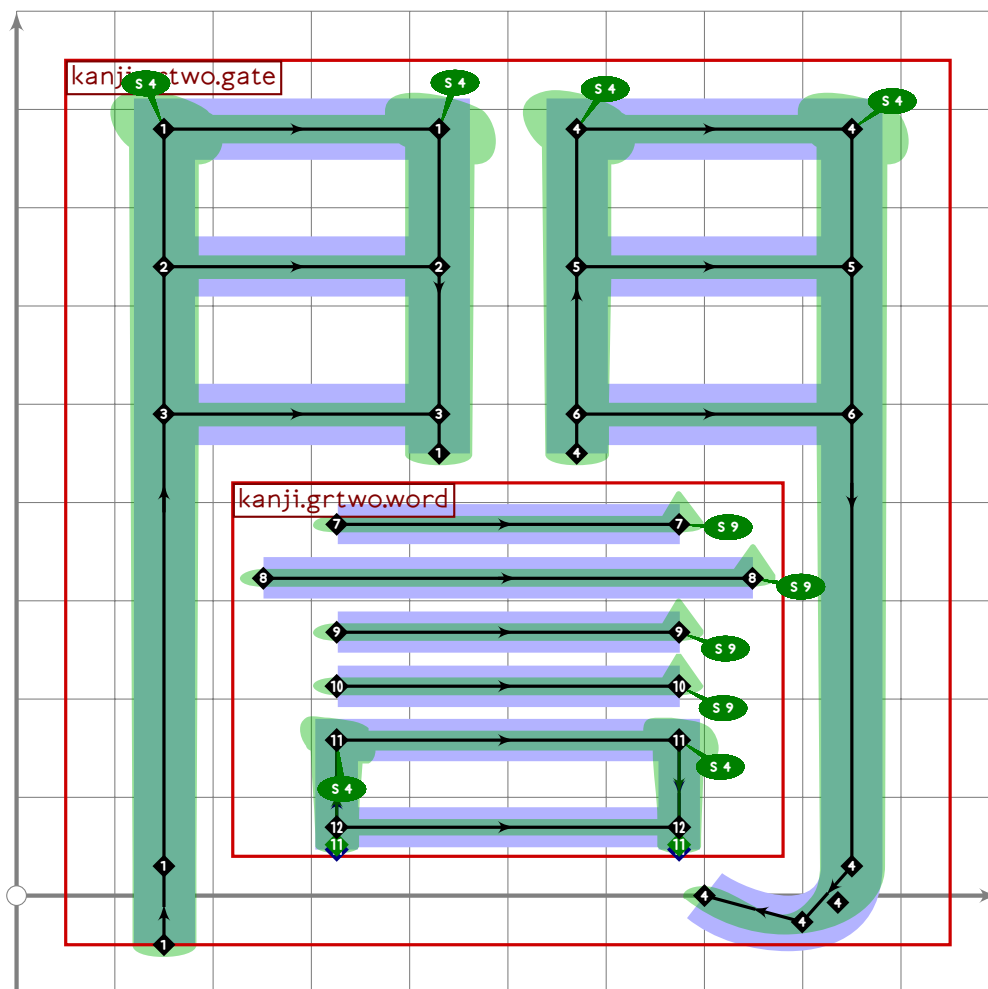
[see page 3969]



```

910 % extra "ridicule"
911 begintsuglyph("uni8AB9";185);
912   build_kanji.level(build_kanji.lr(430;20)
913     (kanji.grtwo.word)
914     (kanji.grfive.mistake));
915   tsu_render;
916 endtsuglyph;
917

```



```

918 % extra: gin "speak gently"
919 begintsuglyph("uni8ABE";190);
920   build_kanji.gate_enclose(
921     kanji.grtwo.word;
922     for i=-5 upto 0: set_bosize(i,76); endfor;
923   );
924   tsu_render;
925 endtsuglyph;
926
927 % chou/shira "tune"
928 begintsuglyph("uni8ABF";191);
929   kanji.grthree.tune;
930   tsu_render;
931 endtsuglyph;
932
933 % shun/kudo "tedious"
934 begintsuglyph("uni8AC4";196);
935   kanji.grnine.tedious;
936   tsu_render;
937 endtsuglyph;
938

```

[see page 3967]

[see page 4000]

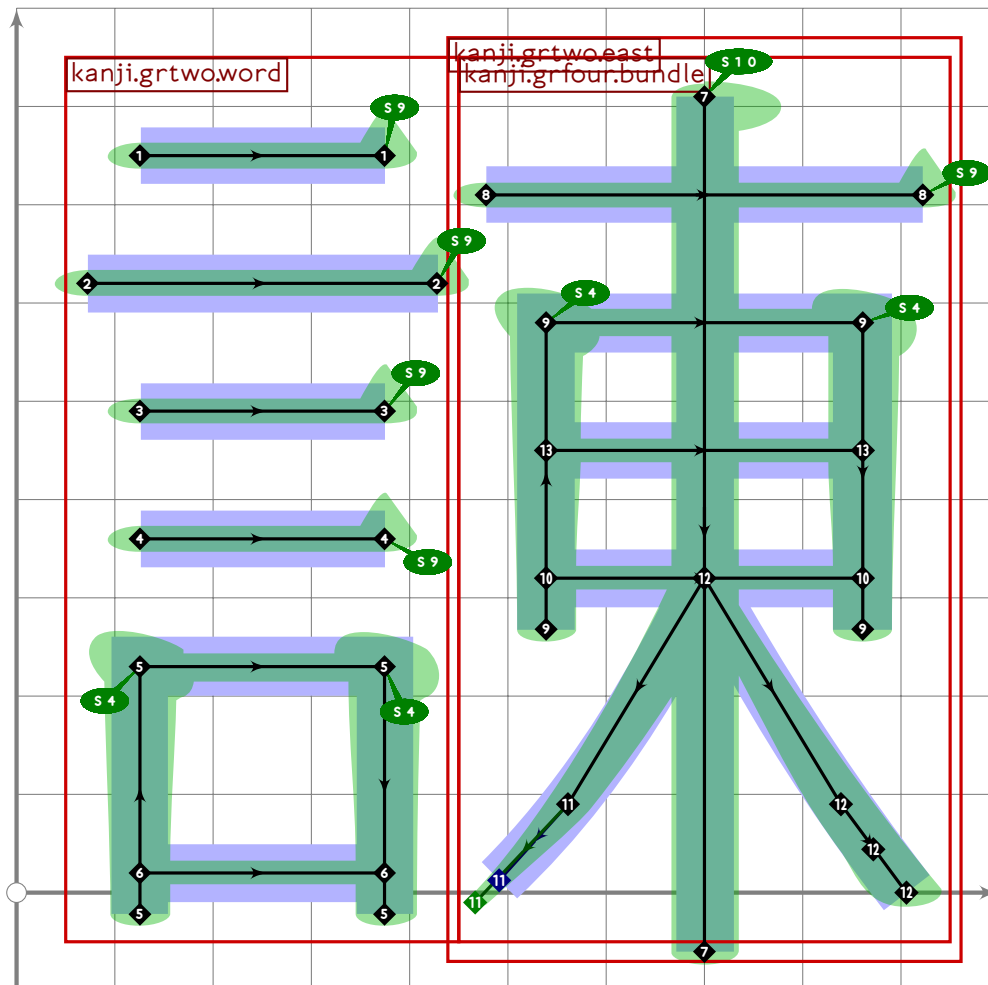
```

939 % dan "discuss"
940 beginsuglyph("uni8AC7";199);
941   kanji.grthree.discuss;
942   tsu_render;
943 endsuglyph;
944
945 % sei/ko "solicit"
946 beginsuglyph("uni8ACB";203);
947   kanji.greight.solicit;
948   tsu_render;
949 endsuglyph;
950

```

[see page 3965]

[see page 3993]



```

951 % extra "dissuade"
952 beginsuglyph("uni8ACC";204);
953   build_kanji.level(build_kanji.lr(450,0)
954     (kanji.grtwo.word)
955     (kanji.grtwo.east));
956   tsu_render;
957 endsuglyph;
958
959 % shu/so "consult"

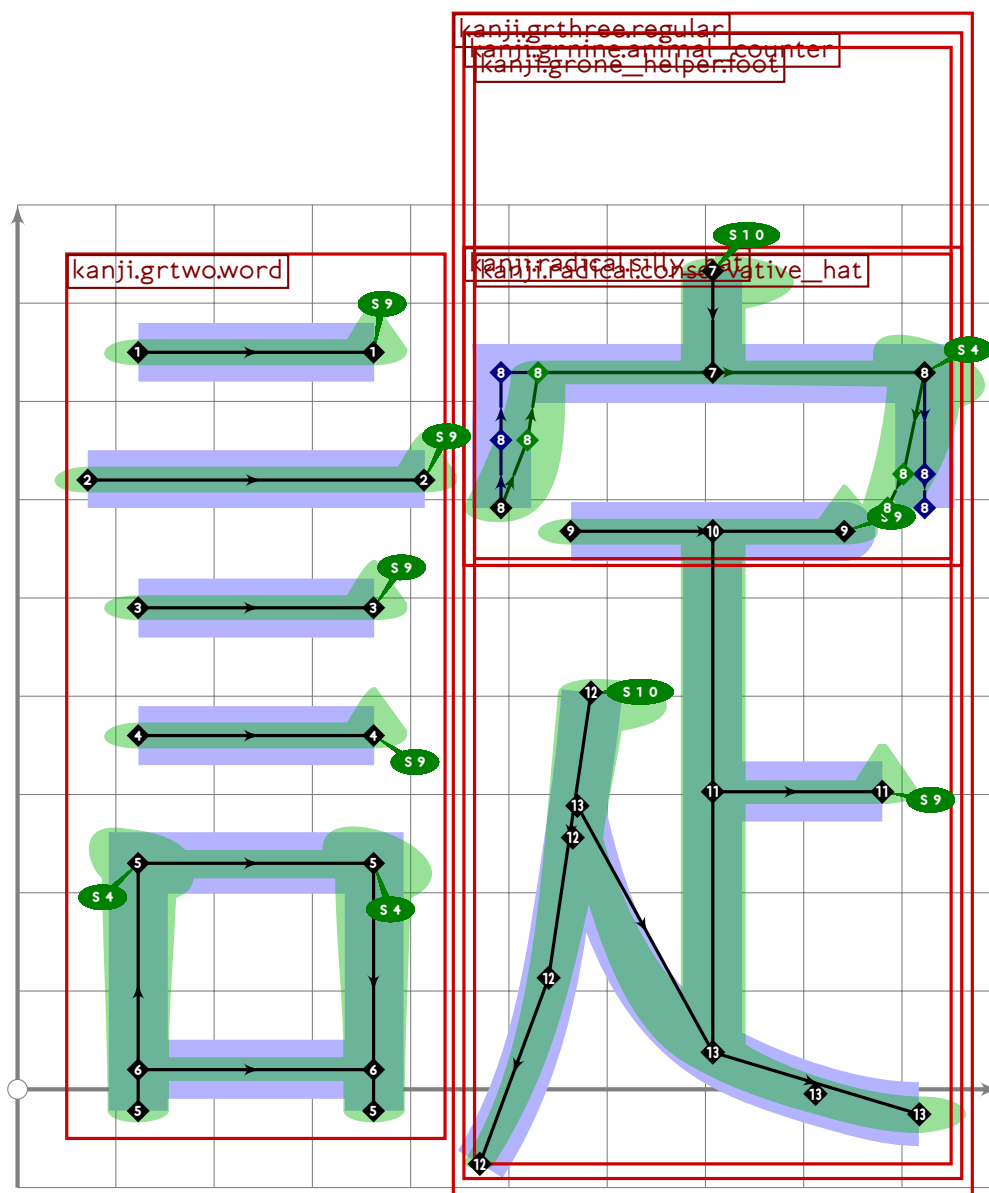
```

```
960 begintsuglyph("uni8ACF";207);
961   kanji.grnine.consult;
962   tsu_render;
963 endtsuglyph;
964
965 % ryou/akira "acknowledge"
966 begintsuglyph("uni8AD2";210);
967   kanji.grnine.acknowledge;
968   tsu_render;
969 endtsuglyph;
970
971 % ron "discourse"
972 begintsuglyph("uni8AD6";214);
973   kanji.grsix.discourse;
974   tsu_render;
975 endtsuglyph;
976
```

[see page 3998]

[see page 3996]

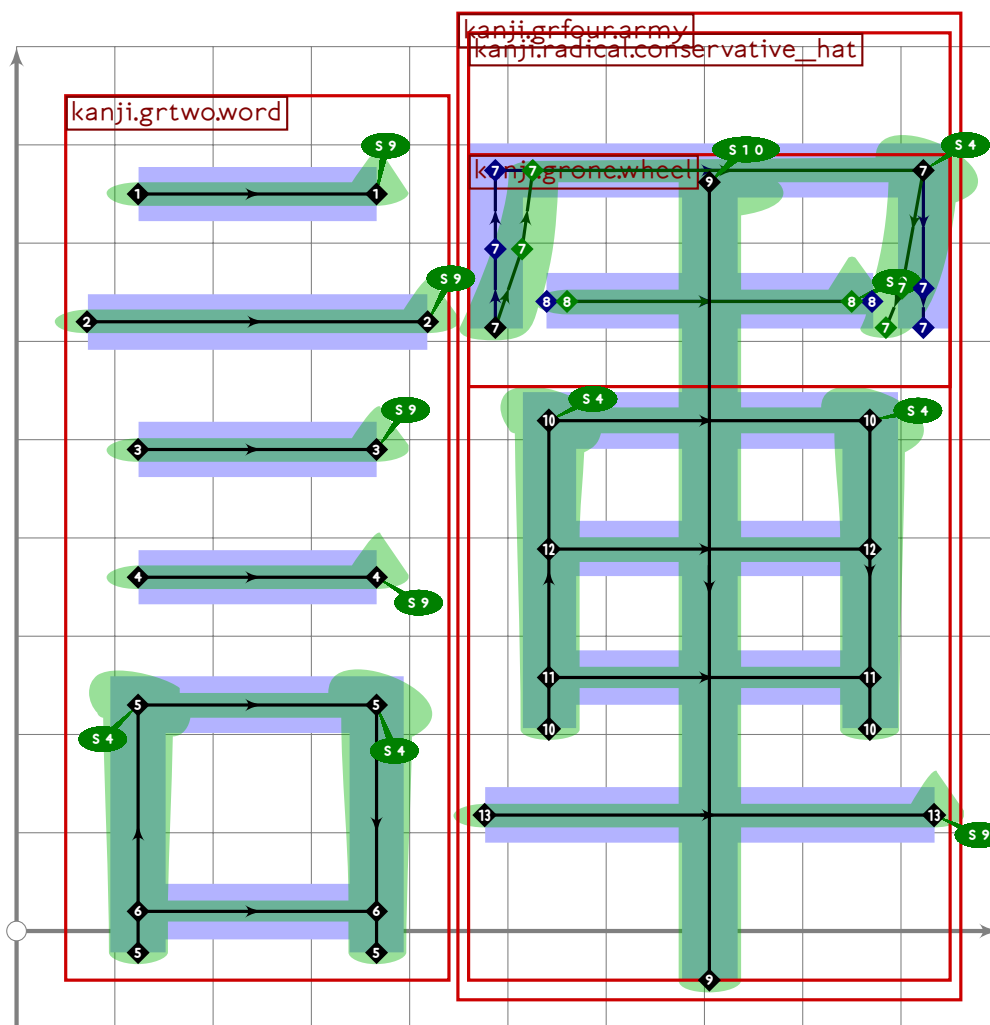
[see page 3976]



```

977 % extra "command"
978 begintsuglyph("uni8ADA";218);
979   build_kanji.level(build_kanji.lr(450;30)
980     (kanji.grtwo.word)
981     (kanji.grthree.regular));
982   tsu_render;
983 endtsuglyph;
984

```

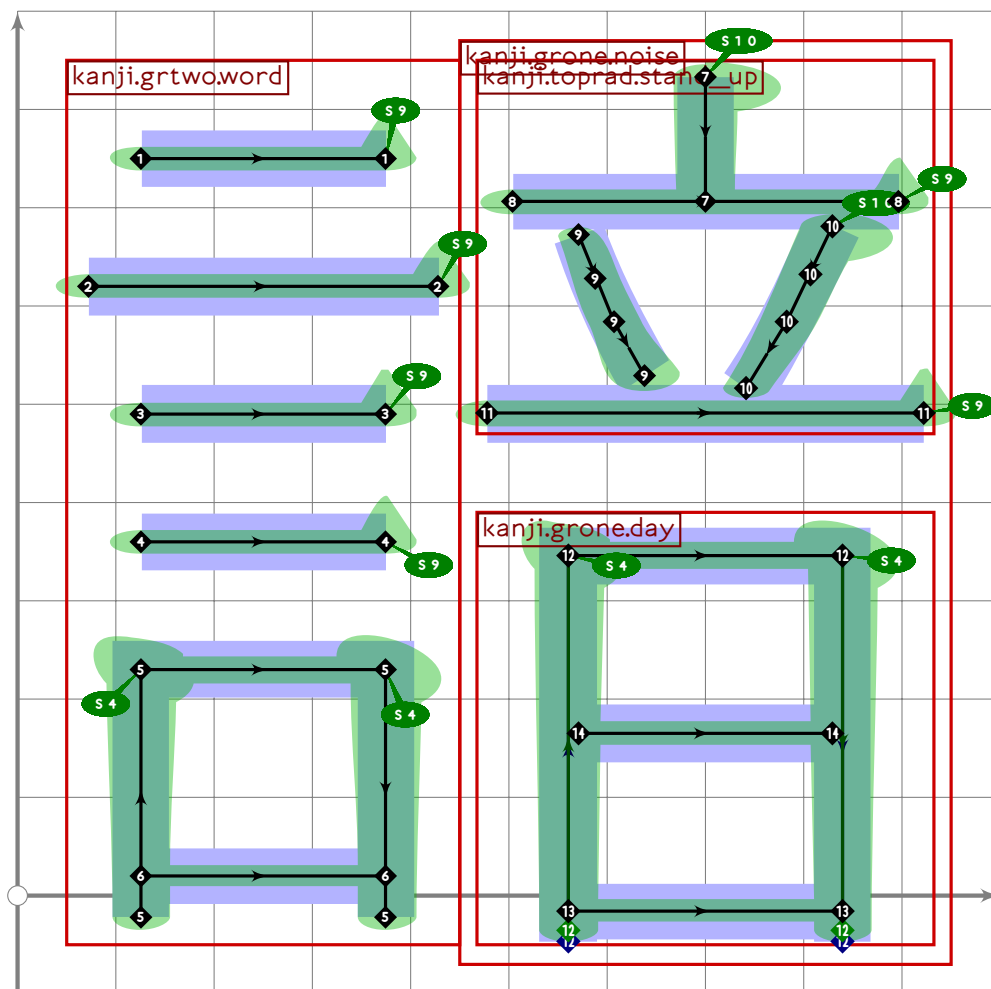


```

985 % extra "joke"
986 begintsuglyph("uni8AE2";226);
987   build_kanji.level(build_kanji.lr(450;20)
988     (kanji.grtwo.word)
989     (kanji.grfour.army));
990   tsu_render;
991 endtsuglyph;
992

```

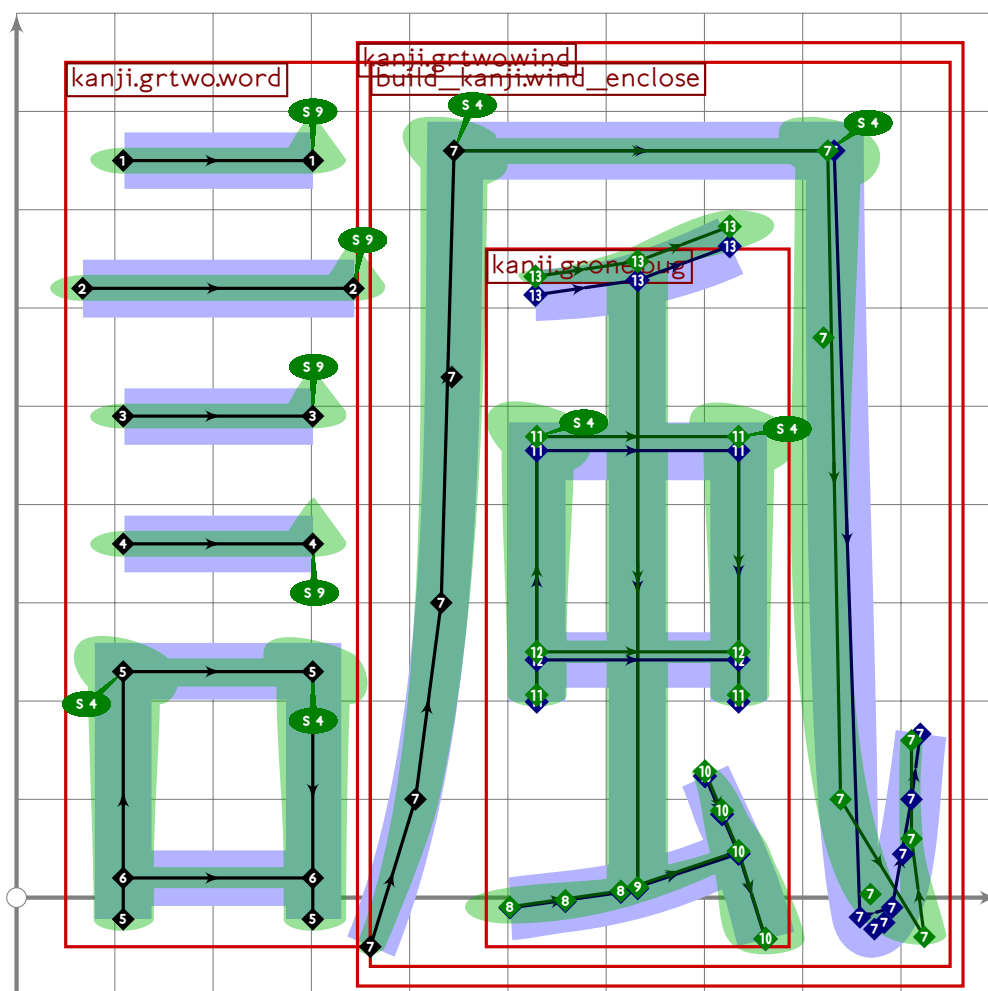




```

1007 % extra "memorize"
1008 begintsuglyph("uni8AF3",243);
1009     build_kanji.level(build_kanji.lr(450,0)
1010         (kanji.grtwo.word)
1011         (kanji.grone.noise));
1012     tsu_render;
1013 endtsuglyph;
1014

```

```

1015 % extra "insinuate"
1016 begintsuglyph("uni8AF7";247);
1017   build_kanji.level(build_kanji.lr(360,0)
1018     (kanji.grtwo.word)
1019     (kanji.grtwo.wind));
1020   tsu_render;
1021 endtsuglyph;
1022
1023 % sho/moro "various"
1024 begintsuglyph("uni8AF8";248);
1025   kanji.grsix.various;
1026   tsu_render;
1027 endtsuglyph;
1028
1029 % gen/kotowaza "proverb"
1030 begintsuglyph("uni8AFA";250);
1031   kanji.grnine.proverb;
1032   tsu_render;
1033 endtsuglyph;
1034
1035 % daku "consent"

```

[see page 839]

[see page 3999]

1036 begintsuglyph("uni8AFE";254);

[see page 3984]

1037 kanji.greight.consent;

1038 tsu_render;

1039 endtsuglyph;

1040

1041

1042

1043 endfont;

1044

1045

```
1 %
2 % Unicode page 8B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

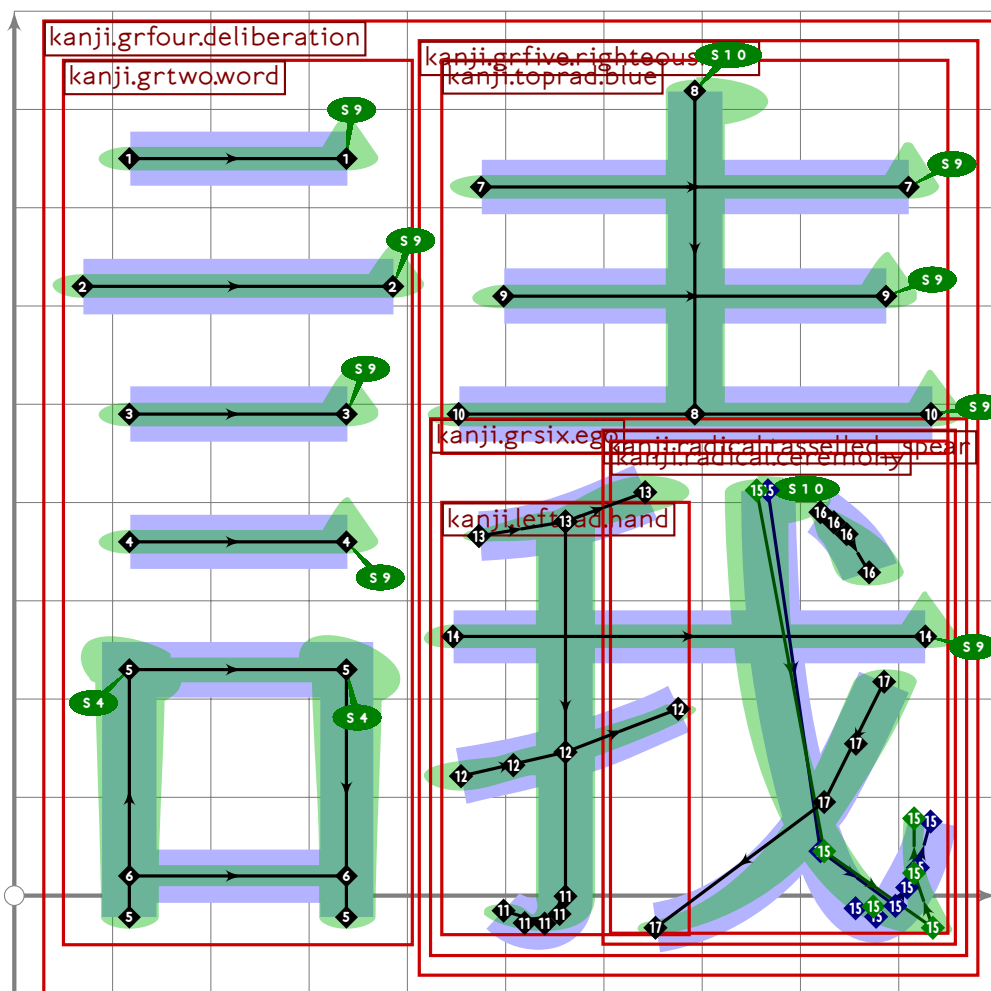
---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradeten.mp;
46 input gradethree.mp;
47 input gradetwo.mp;
48 input leftrad.mp;
49 input radical.mp;
50 input rare.mp;
51 input toprad.mp;
52
53 do_late_includes;
54
55 

---


```

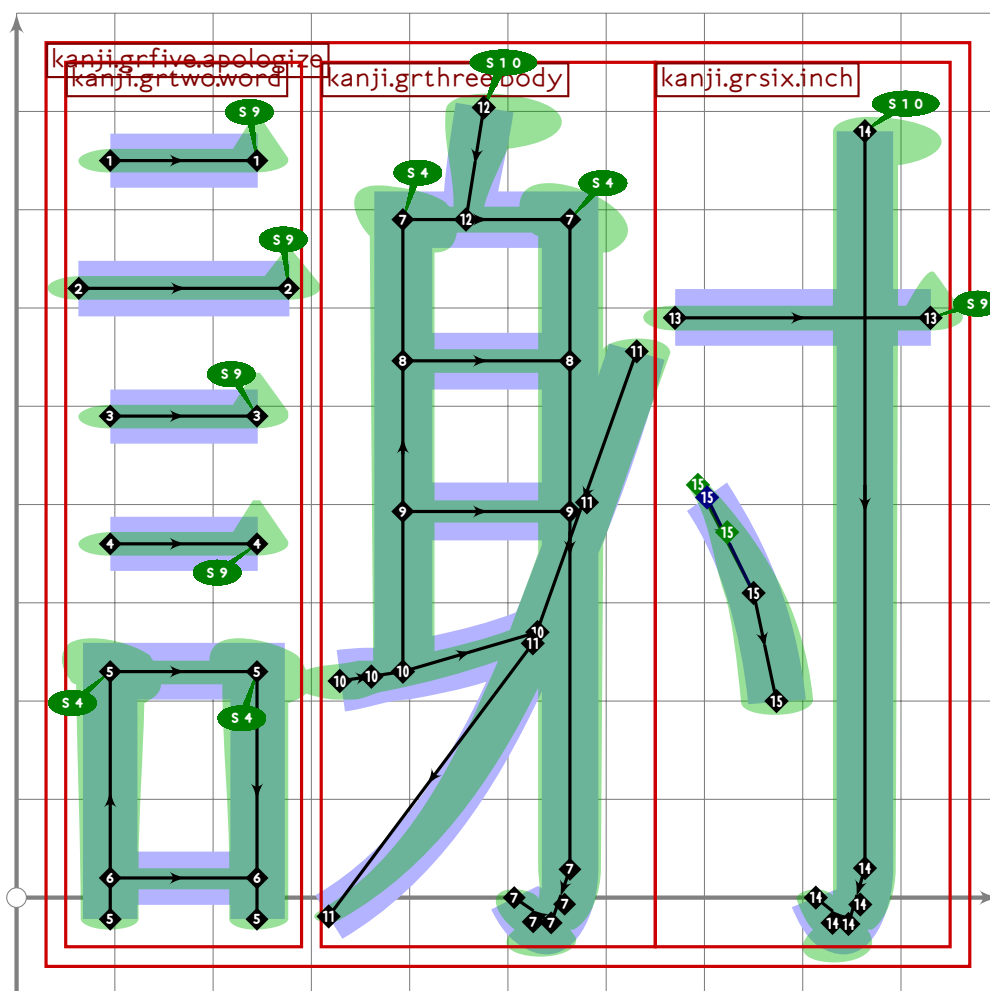
8B



```

56
57 vardef kanji.grfour.deliberation =
58   push_pbox__toexpand("kanji.grfour.deliberation");
59   build_kanji.level(build_kanji.lr(420;30)
60     (kanji.grtwo.word)
61     (kanji.grfive.righteousness));
62   expand_pbox;
63 enddef;
64
65

```

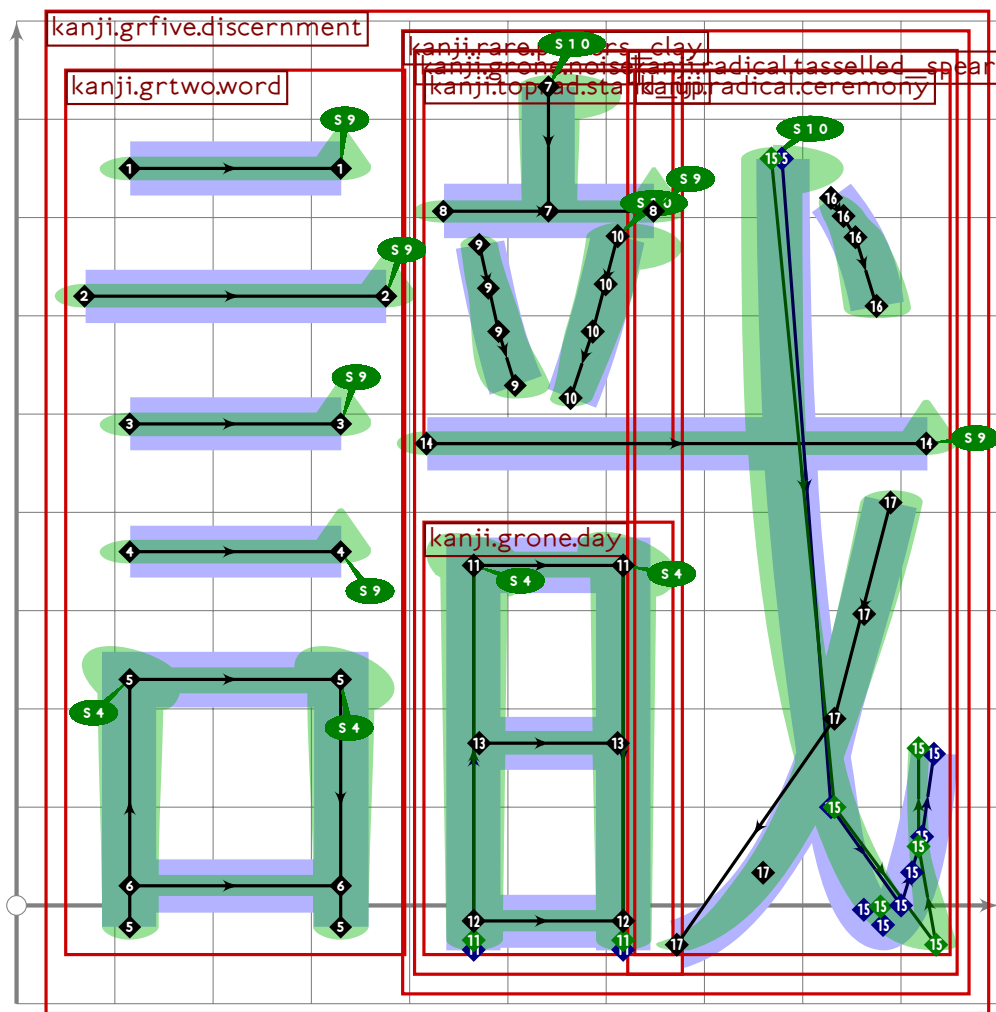


```

66
67 vardef kanji.grfive.apologize =
68   push_pbox__toexpand("kanji.grfive.apologize");
69   build_kanji.lcr(300,-20)(650,0)
70     (kanji.grtwo.word)
71     (kanji.grthree.body)
72     (kanji.grsix.inch);
73   expand_pbox;
74 enddef;

```

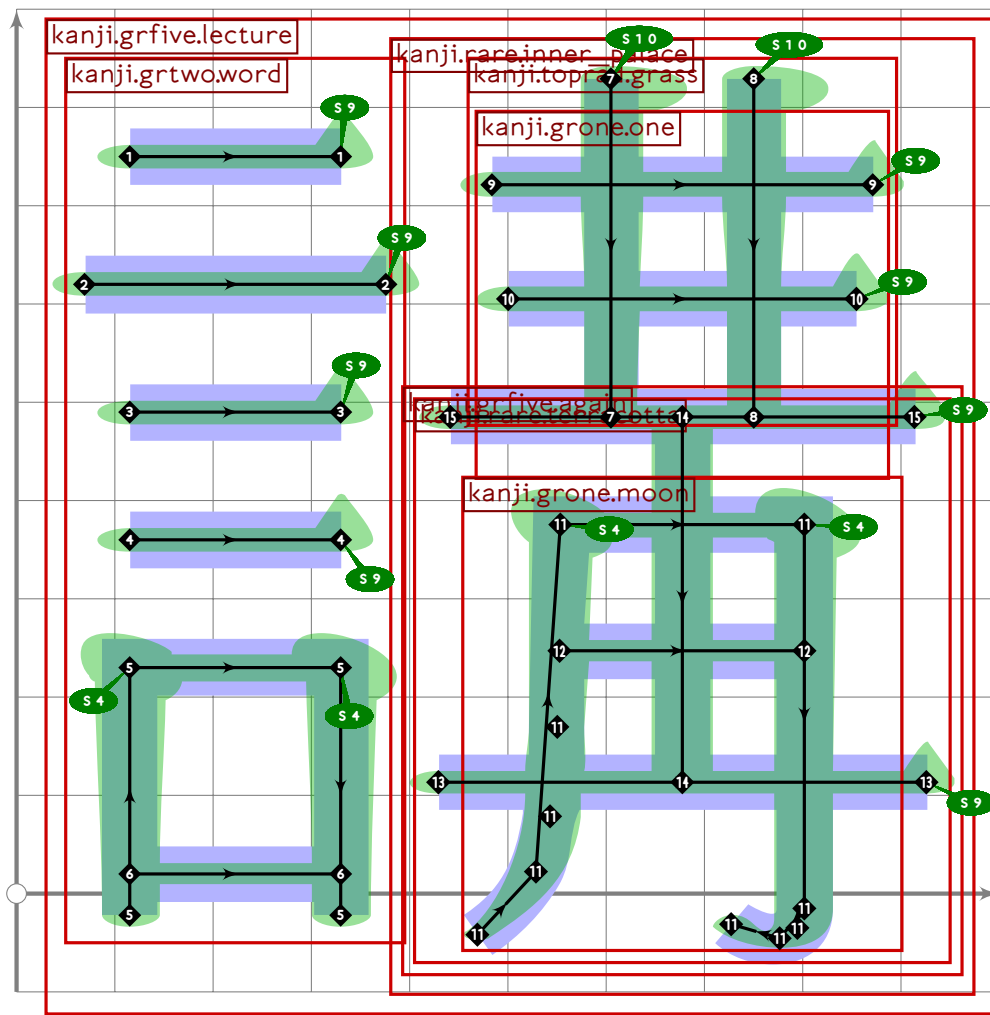
8B



```

75
76 vardef kanji.grfive.discernment =
77   push_pbox_toexpand("kanji.grfive.discernment");
78   build_kanji.level(build_kanji.lr(400,10)
79     (kanji.grtwo.word)
80     (kanji.rare.potters_clay));
81   expand_pbox;
82 enddef;

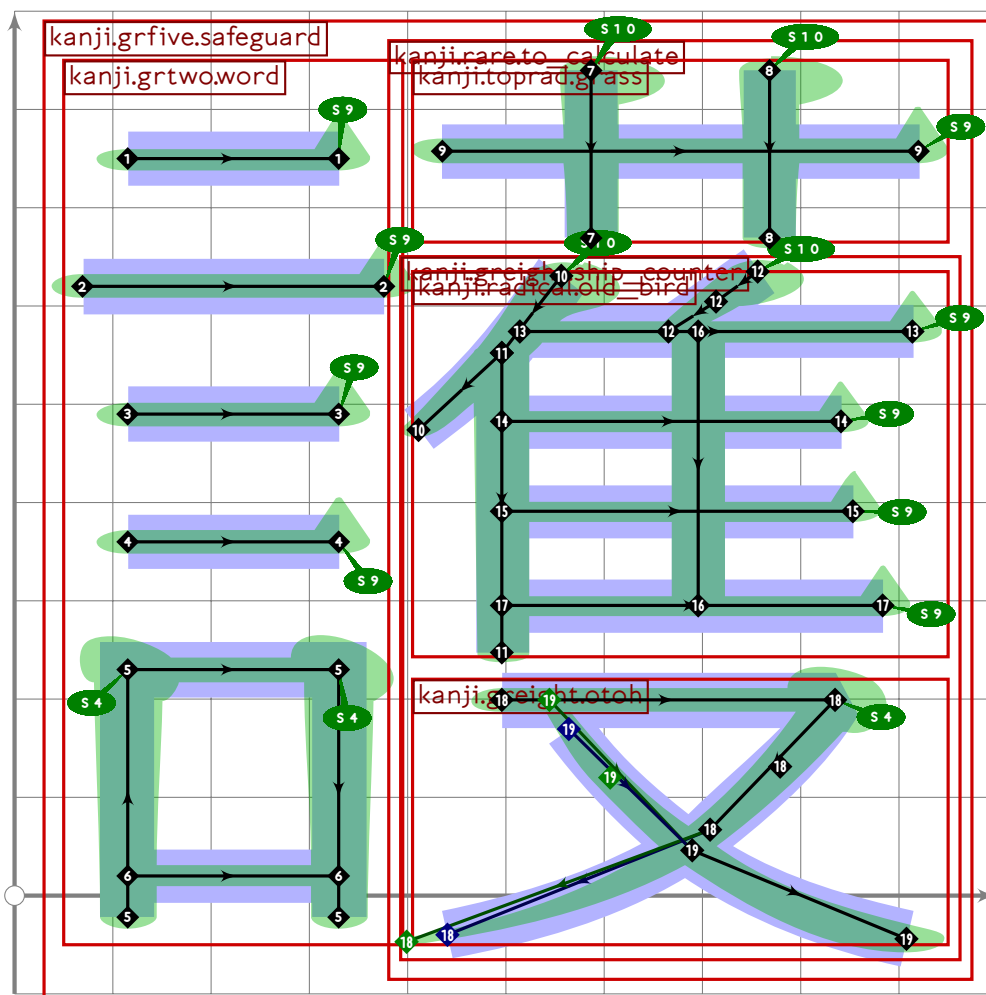
```



```

83
84 vardef kanji.grfive.lecture =
85   push_pbox_toexpand("kanji.grfive.lecture");
86   build_kanji.level(build_kanji.lr(400;10)
87     (kanji.grtwo.word)
88     (kanji.rare.inner_palace));
89   expand_pbox;
90 enddef;

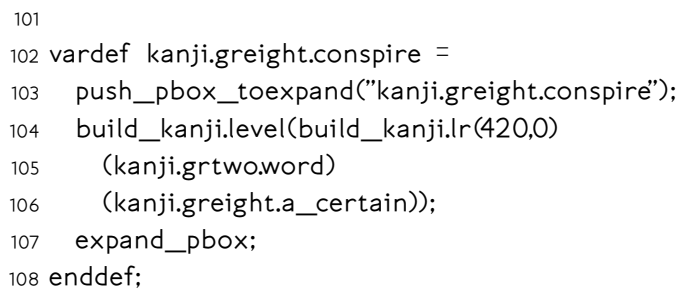
```



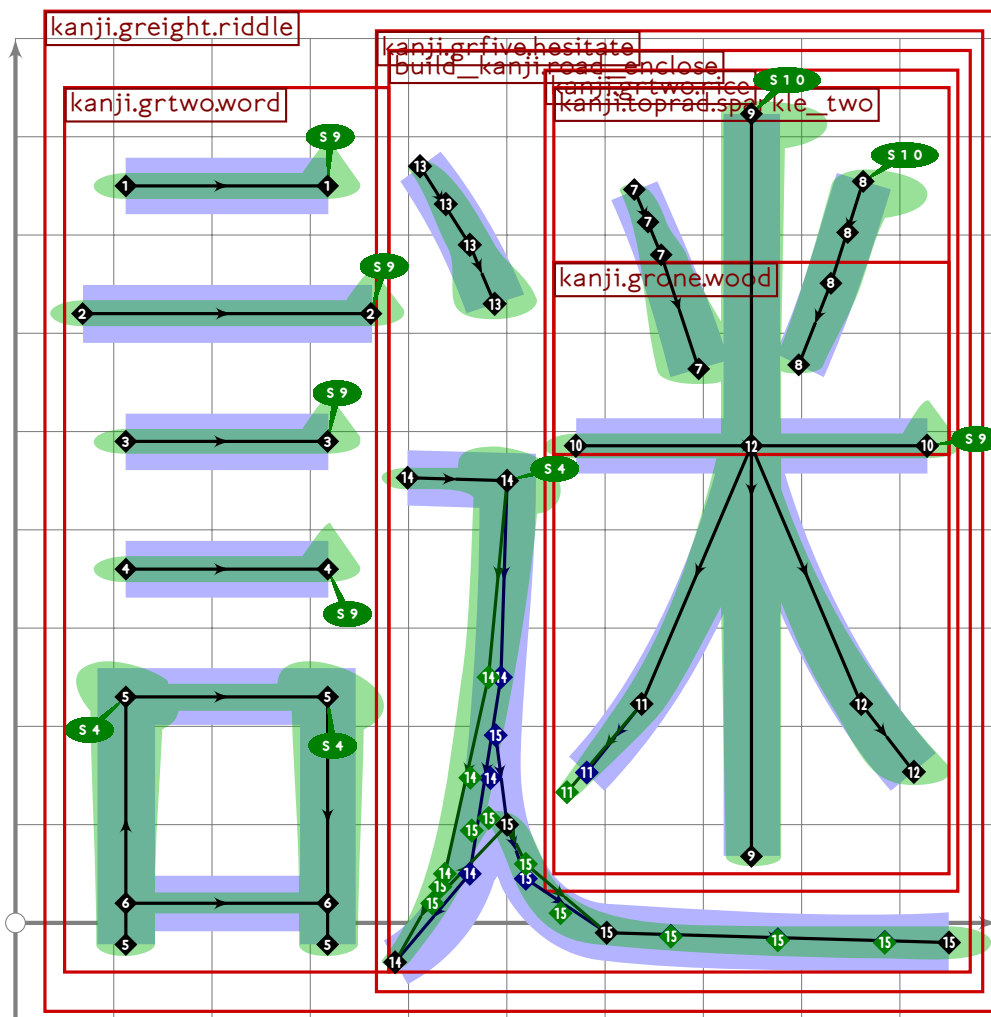
```

91
92 vardef kanji.grfive.safeguard =
93   push_pbox_toexpand("kanji.grfive.safeguard");
94   build_kanji.level(build_kanji.lr(400;10)
95     (kanji.grtwo.word)
96     (kanji.rare.to_calculate));
97   expand_pbox;
98 enddef;
99
100

```

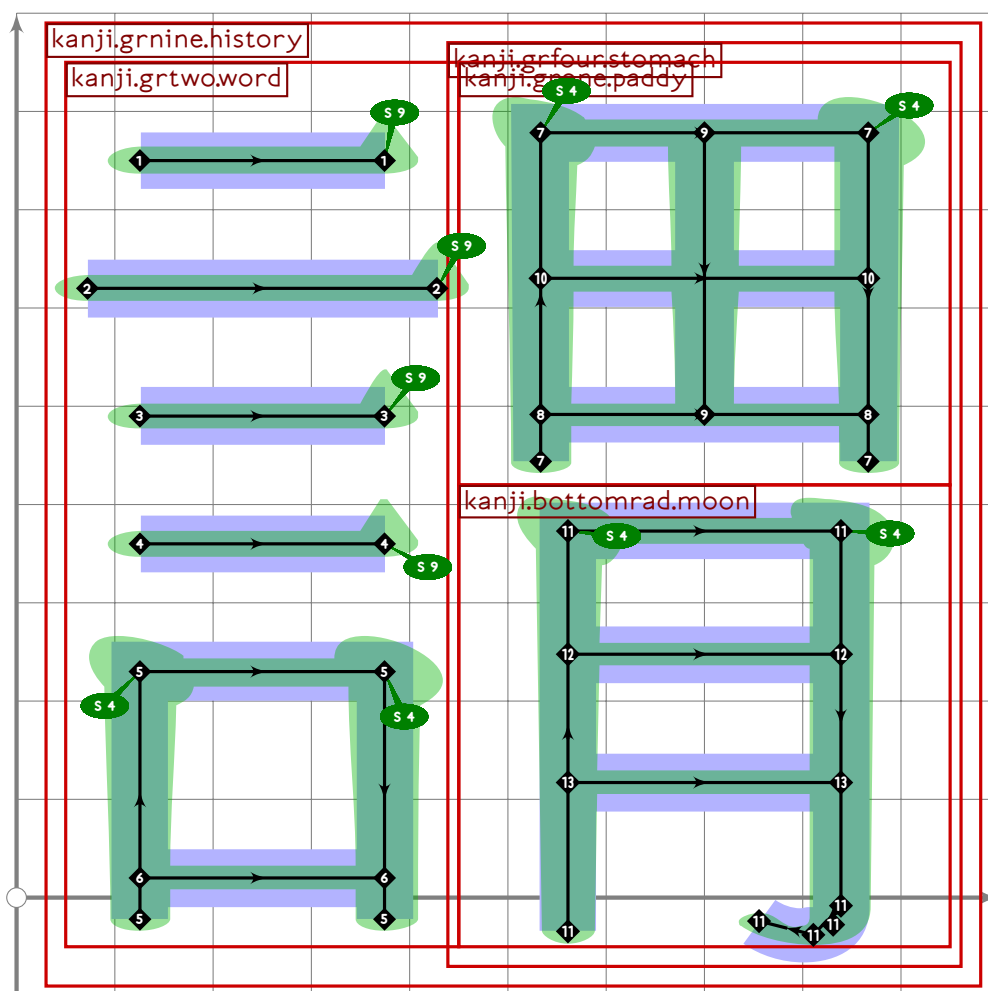
8B



```

109
110 vardef kanji.greight.riddle =
111   push_pbox_toexpand("kanji.greight.riddle");
112   build_kanji.level(build_kanji.lr(380,0)
113     (kanji.grtwo.word)
114     (kanji.grfive.hesitate));
115   expand_pbox;
116 enddef;
117
118

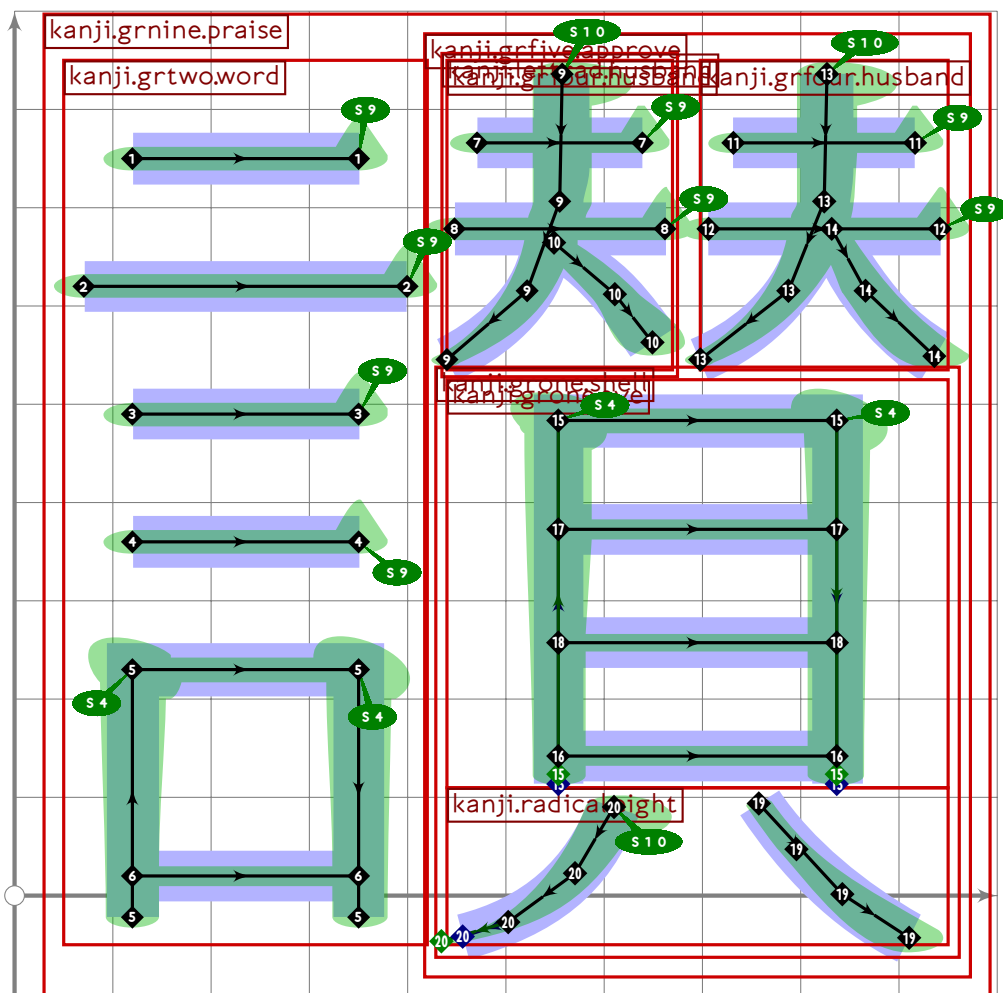
```



```

119
120 vardef kanji.grnine.history =
121   push_pbox__toexpand("kanji.grnine.history");
122   build_kanji.level(build_kanji.lr(450,0)
123     (kanji.grtwo.word)
124     (kanji.grfour.stomach));
125   expand_pbox;
126 enddef;

```



```

127
128 vardef kanji.grnine.praise =
129   push_pbox_toexpand("kanji.grnine.praise");
130   build_kanji.level(build_kanji.lr(430;20)
131     (kanji.grtwo.word)
132     (kanji.grfive.approve));
133   expand_pbox;
134 enddef;
135
136
137
138 % bou/haka "conspire"
139 begintsuglyph("uni8B00";0);
140   kanji.greight.conspire;
141   tsu_render;
142 endtsuglyph;
143
144 % i "history"
145 begintsuglyph("uni8B02";2);
146   kanji.grnine.history;
147   tsu_render;

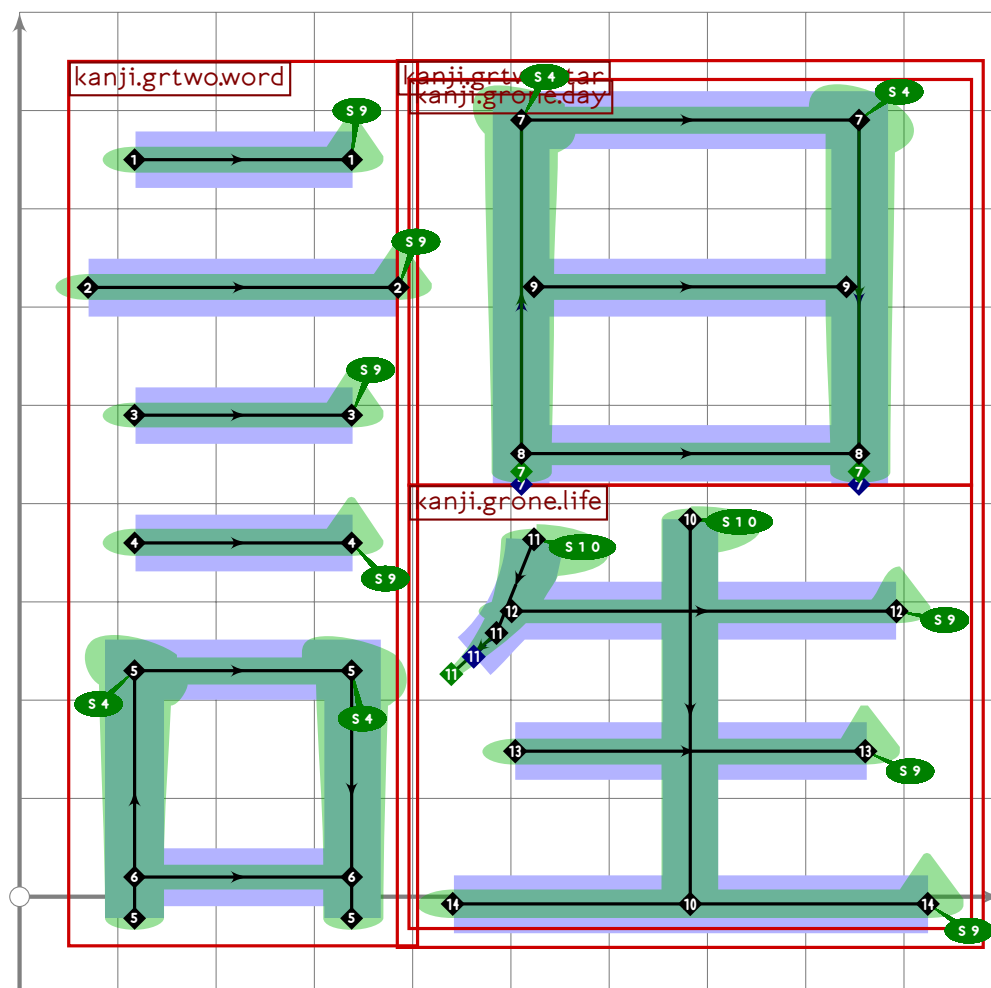
```

[see page 4057]

[see page 4059]

148 endtsuglyph;

149



8B

150 % extra

151 begintsuglyph("uni8B03";3);

152 build_kanji.level(build_kanji.lr(410;10)

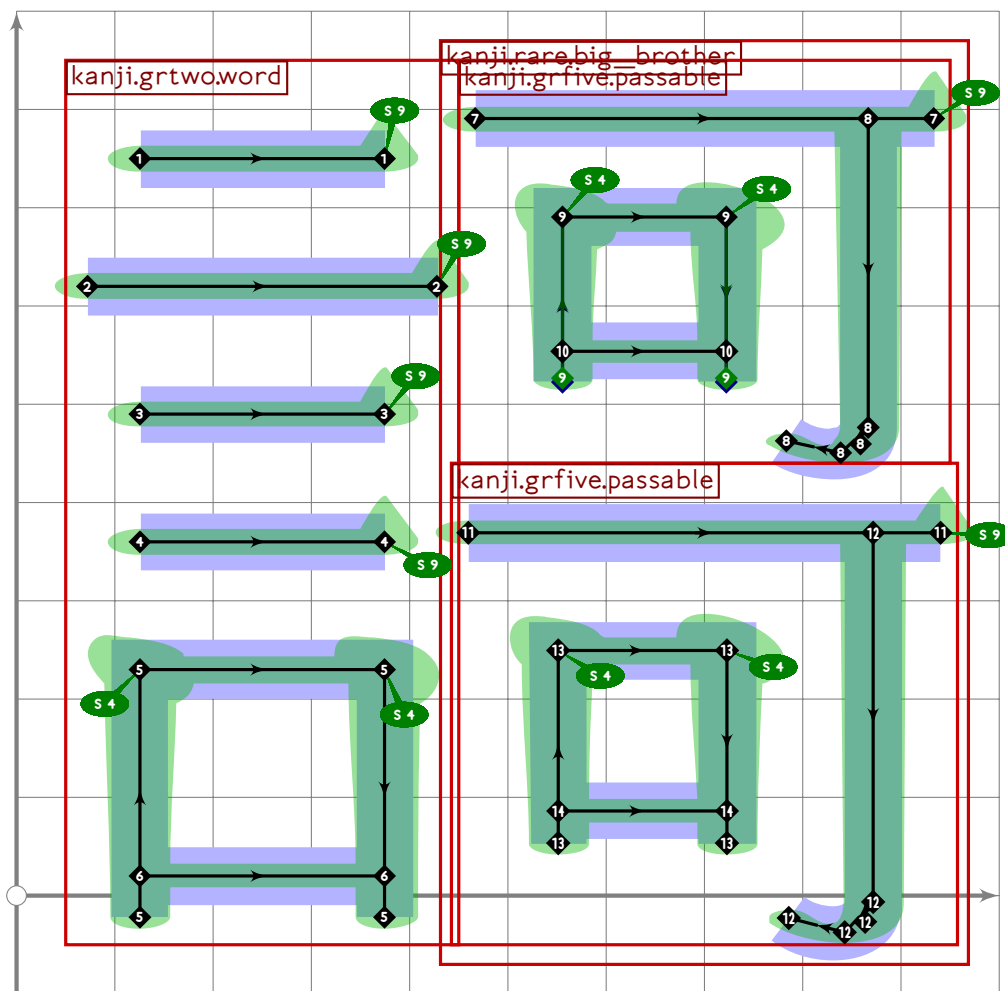
153 (kanji.grtwo.word)

154 (build_kanji.sscale(yscaled 0.96)(kanji.grtwo.star)));

155 tsu_render;

156 endtsuglyph;

157

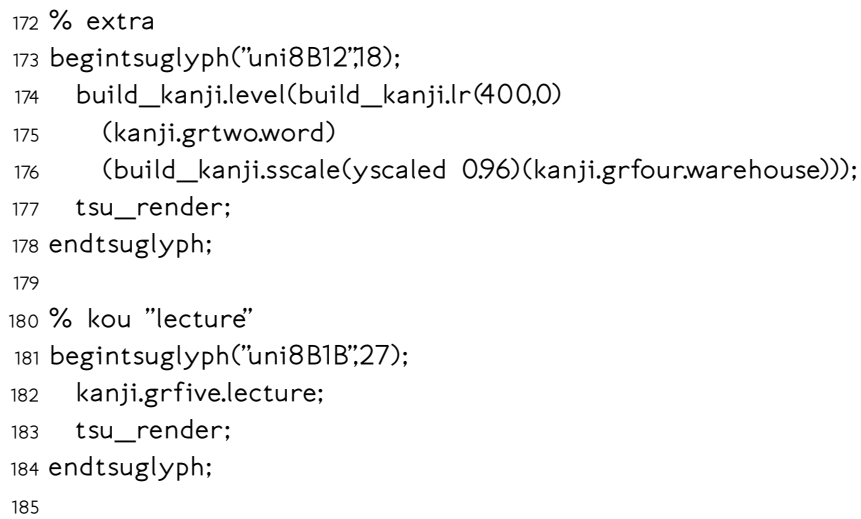


```

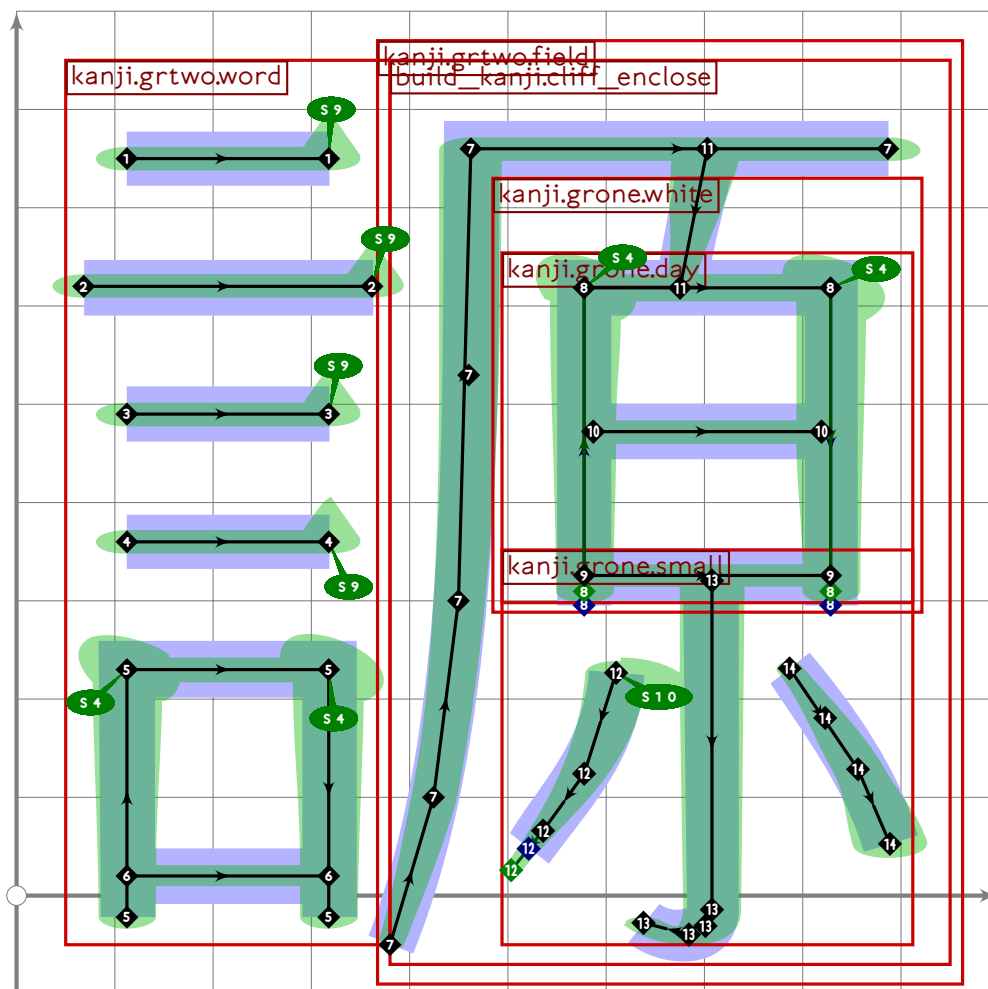
158 % extra "carol"
159 begintsuglyph("uni8B0C";12);
160 build_kanji.level(build_kanji.lr(450,0)
161   (kanji.grtwo.word)
162   (kanji.rare.big_brother));
163 tsu_render;
164 endtsuglyph;
165
166 % mei/nazo "riddle"
167 begintsuglyph("uni8B0E";14);
168 kanji.greight.riddle;
169 tsu_render;
170 endtsuglyph;
171

```

[see page 4058]



4063

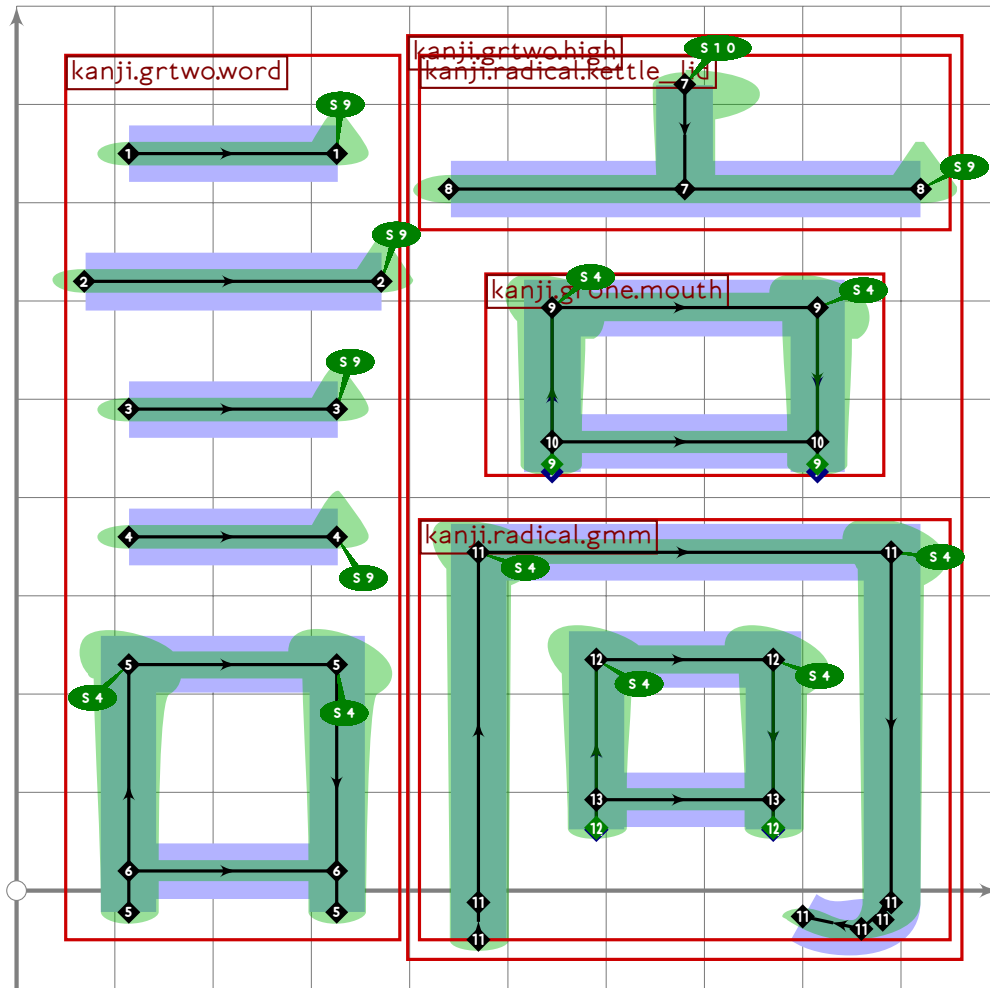


```

186 % extra
187 begintsuglyph("uni8B1C",28);
188   build_kanji.level(build_kanji.lr(380,0)
189     (kanji.grtwo.word)
190     (kanji.grtwo.field));
191   tsu_render;
192 endtsuglyph;
193
194 % sha/ayama "apologize"
195 begintsuglyph("uni8B1D",29);
196   kanji.grfive.apologize;
197   tsu_render;
198 endtsuglyph;
199

```

[see page 4053]



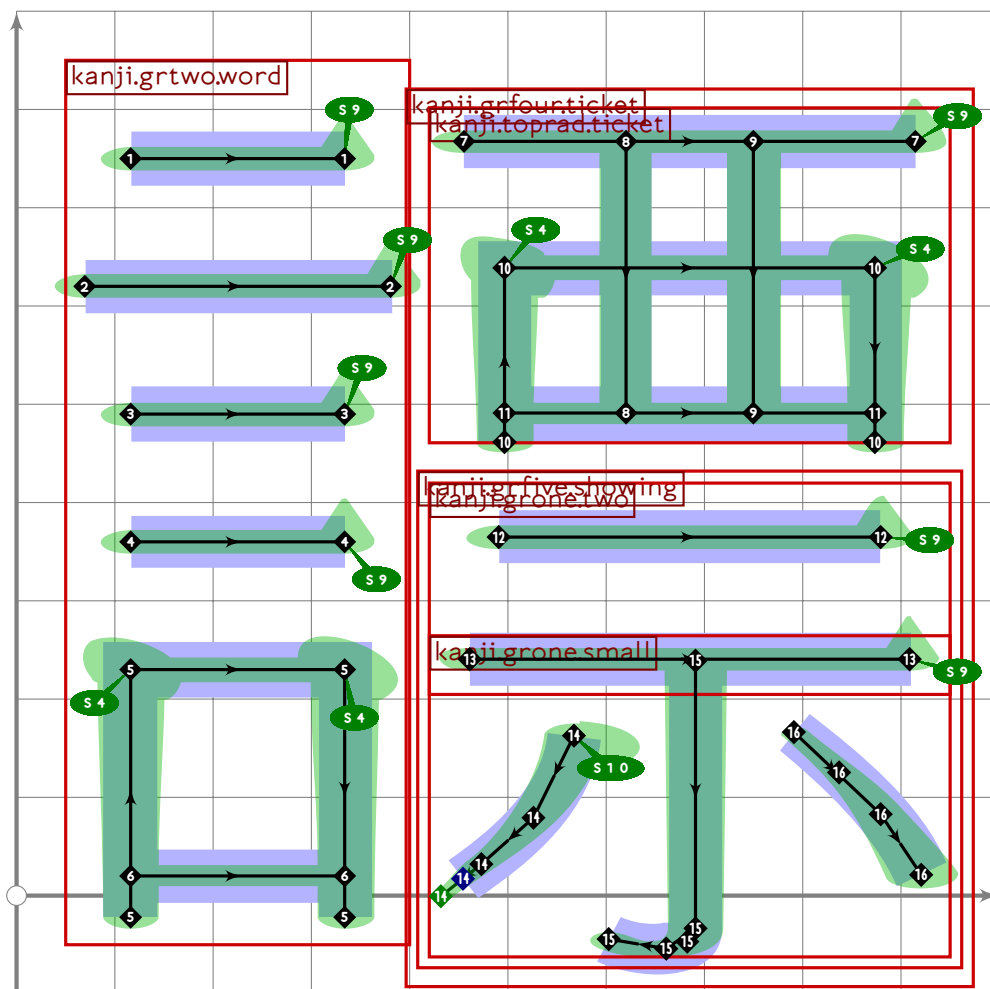
```

200 % extra
201 begintsuglyph("uni8B1E",30);
202   build_kanji.level(build_kanji.lr(400;20)
203     (kanji.grtwo.word)
204     (kanji.grtwo.high));
205   tsu_render;
206 endtsuglyph;
207

```

U+8B24
tsuku.uni8B24

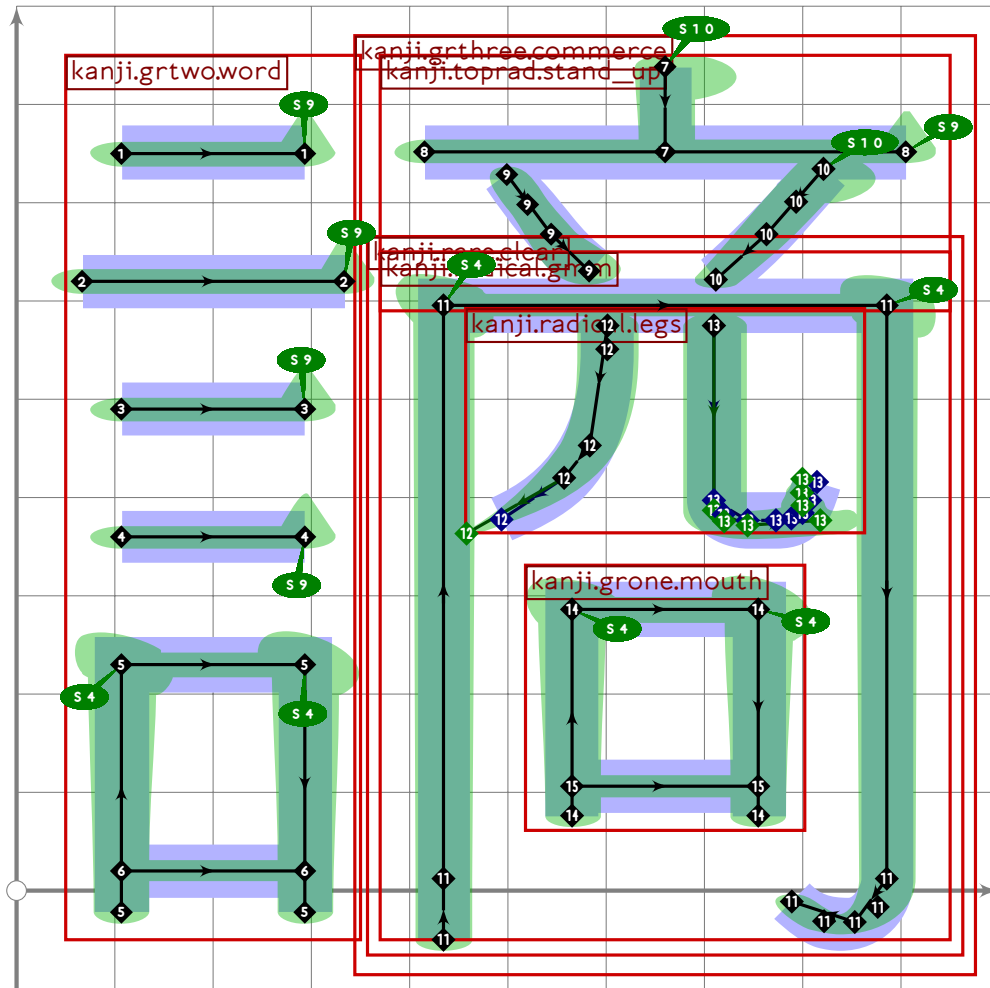
8B



```

208 % extra
209 begintsuglyph("uni8B24",36);
210   build_kanji.level(build_kanji.lr(410;20)
211     (kanji.grtwo.word)
212     (build_kanji.sscale(yscaled 0.96 shifted (0;30))(kanji.grfour.ticket)));
213   tsu_render;
214 endtsuglyph;
215

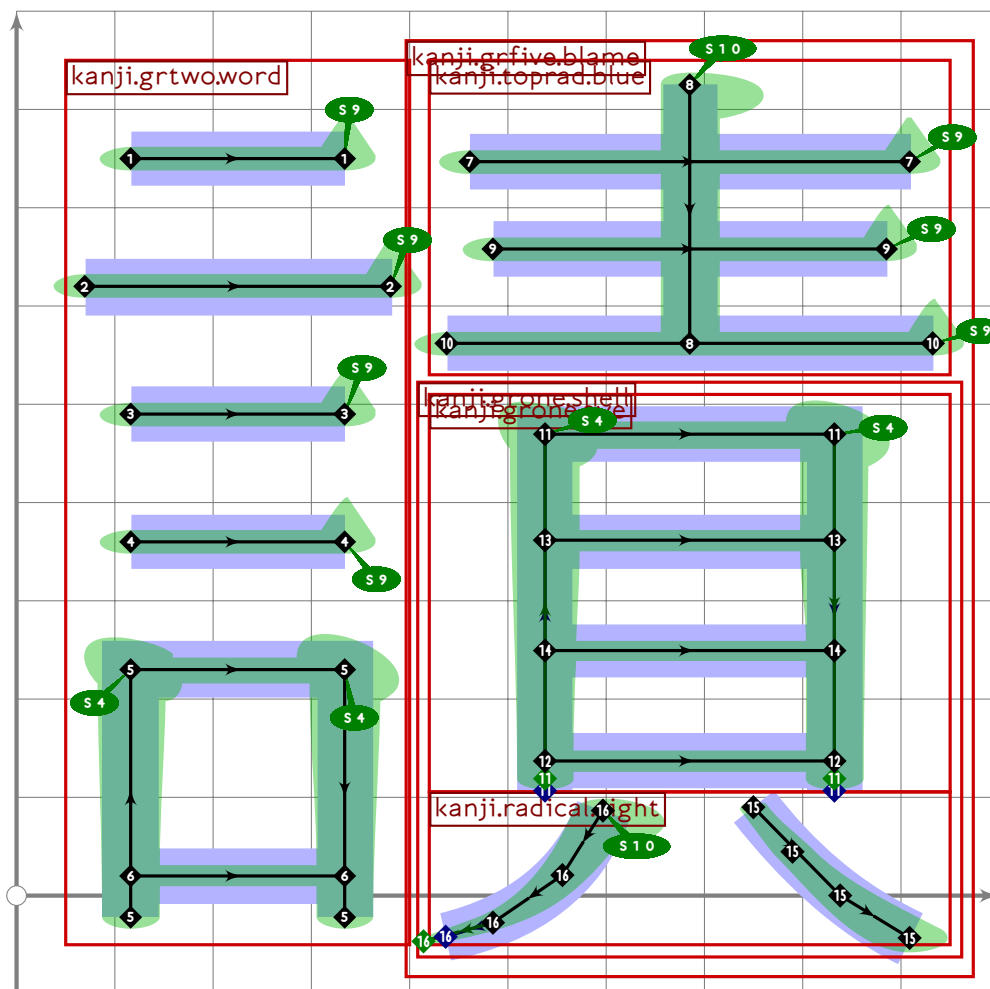
```



```

216 % extra
217 begintsuglyph("uni8B2A";42);
218   build_kanji.level(build_kanji.lr(360;20)
219     (kanji.grtwo.word)
220     (kanji.grthree.commerce));
221   tsu_render;
222 endtsuglyph;
223

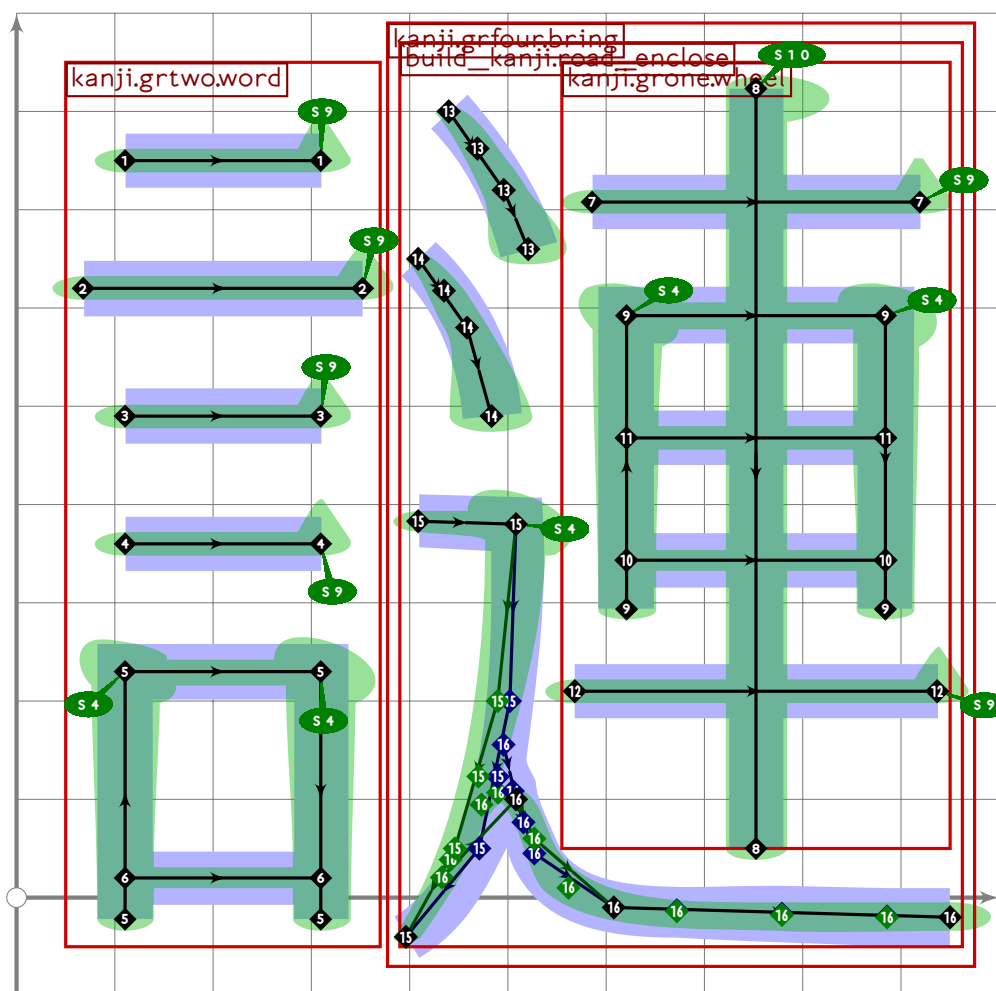
```



```

224 % extra
225 begintsuglyph("uni8B2E"46);
226   build_kanji.level(build_kanji.lr(410;20)
227     (kanji.grtwo.word)
228     (kanji.grfive.blame));
229   tsu_render;
230 endtsuglyph;
231

```



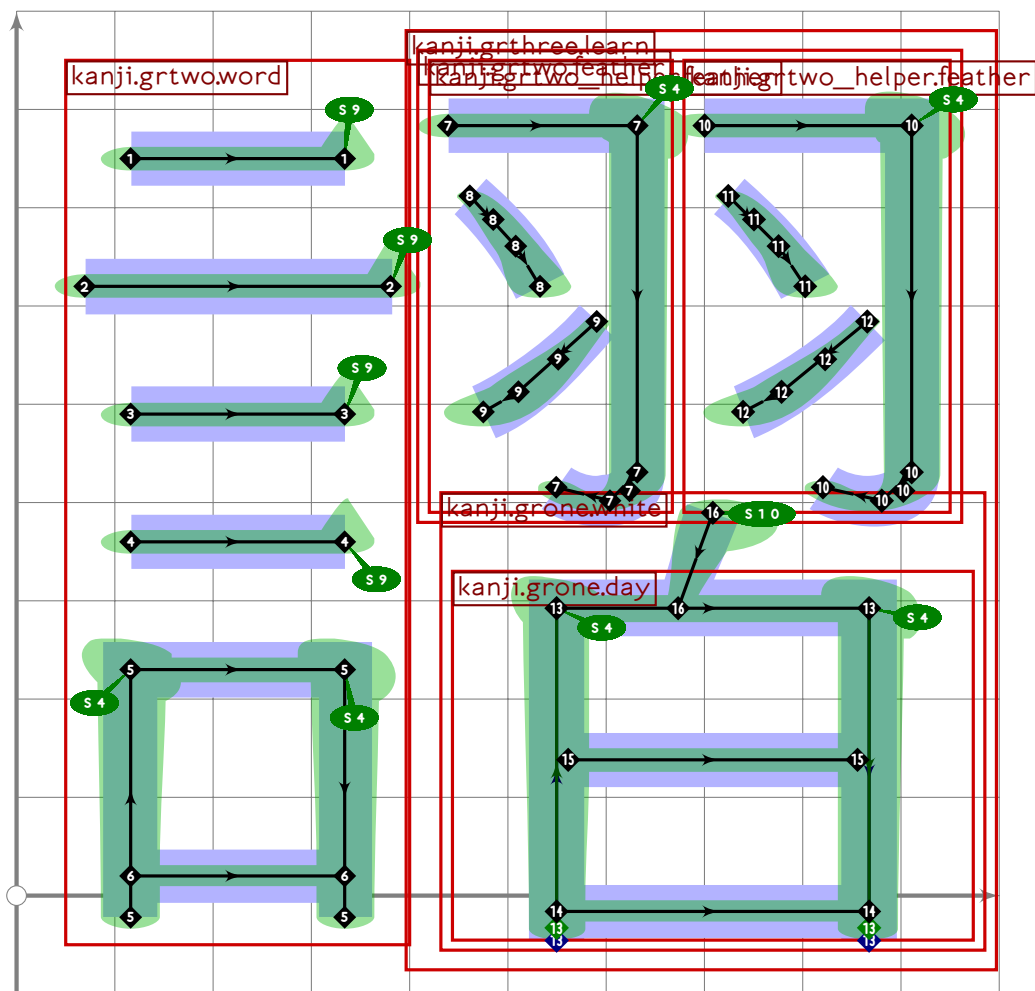
```

232 % extra
233 begintsuglyph("uni8B30"48);
234   build_kanji.level(build_kanji.lr(380;20)
235     (kanji.grtwo.word)
236     (extra_tick;
237       kanji.grfour.bring));
238   tsu_render;
239 endtsuglyph;
240

```

U+8B35
tsuku.uni8B35

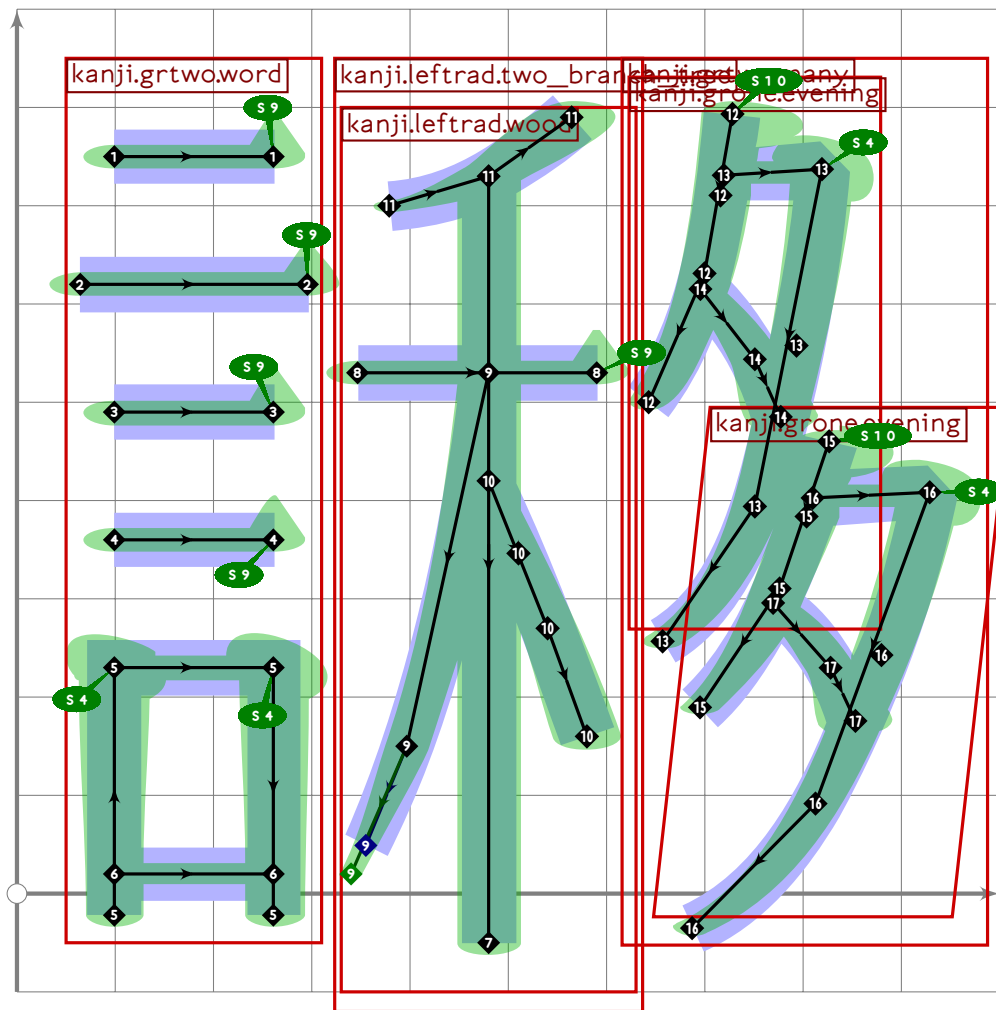
8B



```

241 % extra
242 begint Suglyph("uni8B35",53);
243   build_kanji.level(build_kanji.lr(410;20)
244     (kanji.grtwo.word)
245     (kanji.grthree.learn));
246   tsu_render;
247 endtsuglyph;
248

```

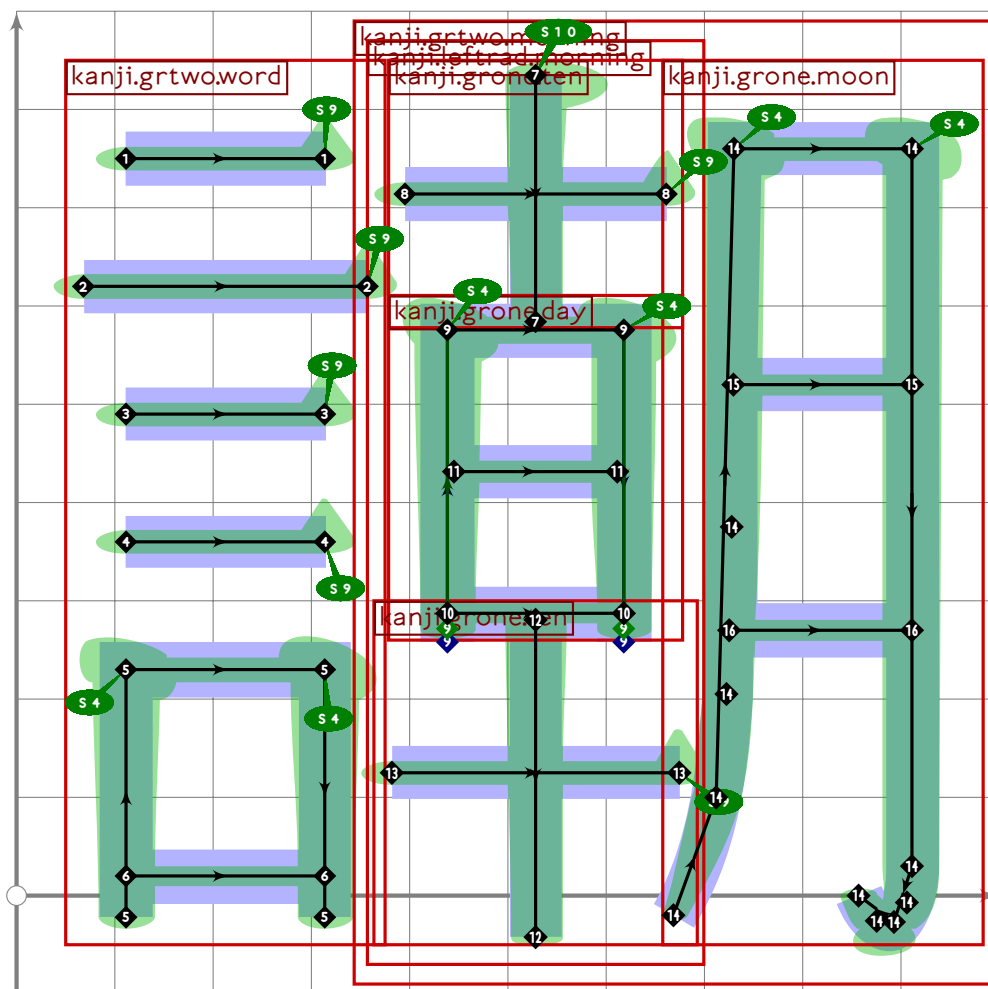


```

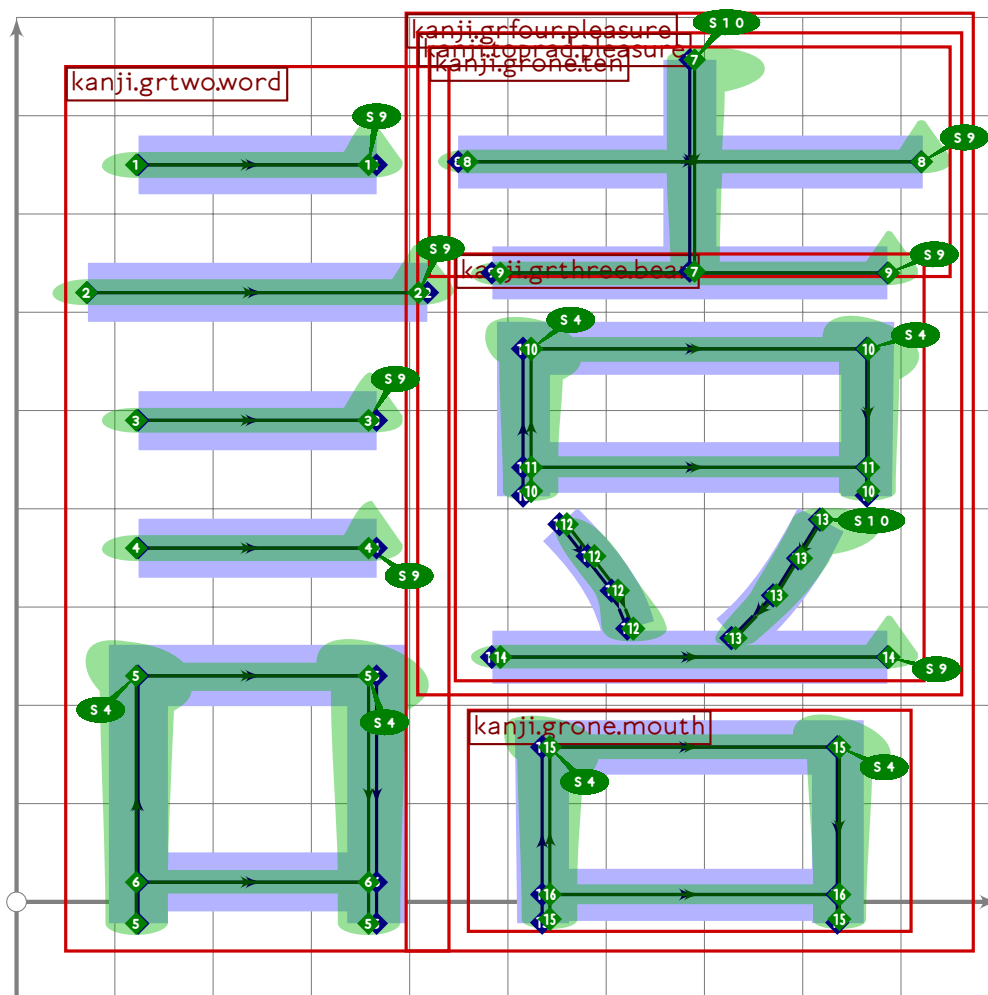
249 % extra
250 begintsuglyph("uni8B3B",59);
251   build_kanji.level(build_kanji.lcr(320,-20)(630,0)
252     (kanji.grtwo.word)
253     (kanji.leftrad.two_branch_tree)
254     (build_kanji.sscale(yscaled 0.96 shifted (0,-20))(kanji.grtwo.many)));
255   tsu_render;
256 endtsuglyph;
257

```

8B



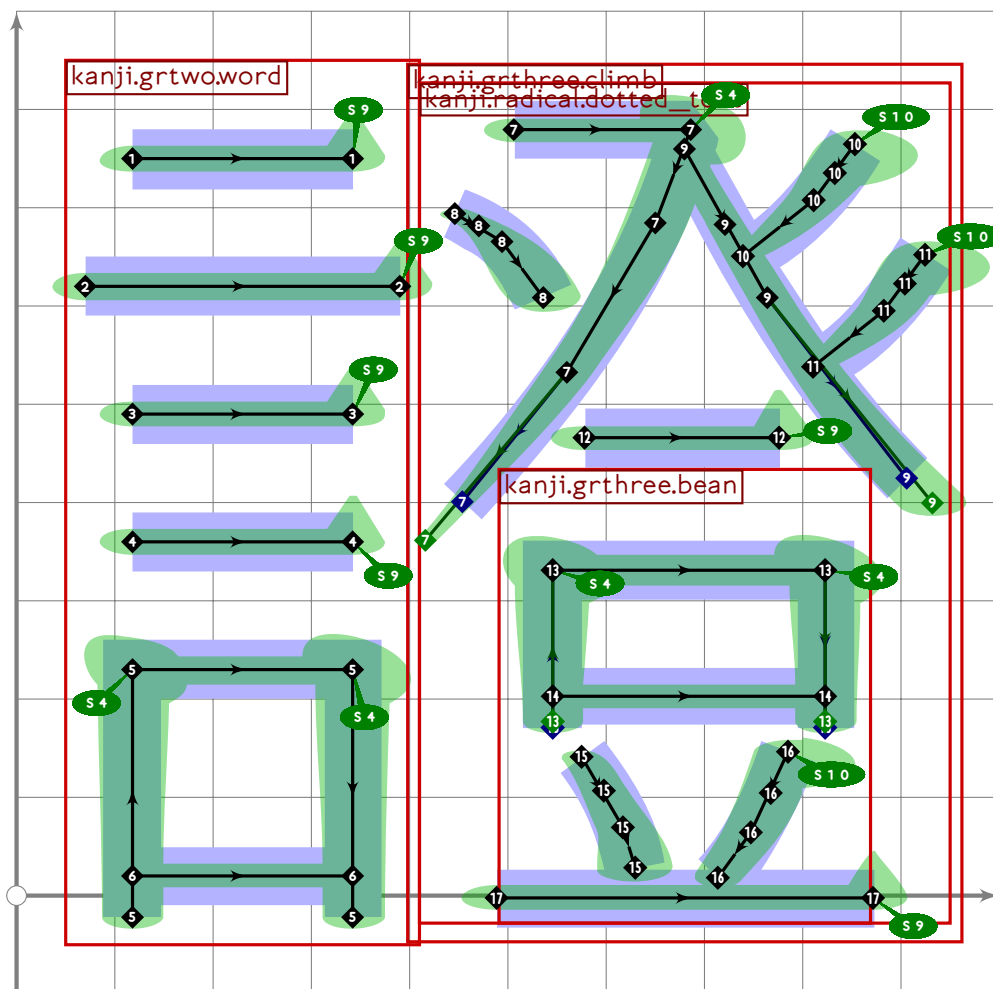
4072



```

266 % extra
267 begintsuglyph("uni8B46",70);
268 build_kanji.lr(430,20-20*mincho)
269 (kanji.grtwo.word)
270 (build_kanji.sscale(shifted (0,20))(kanji.grfour.pleasure));
271 tsu_render;
272 endtsuglyph;
273

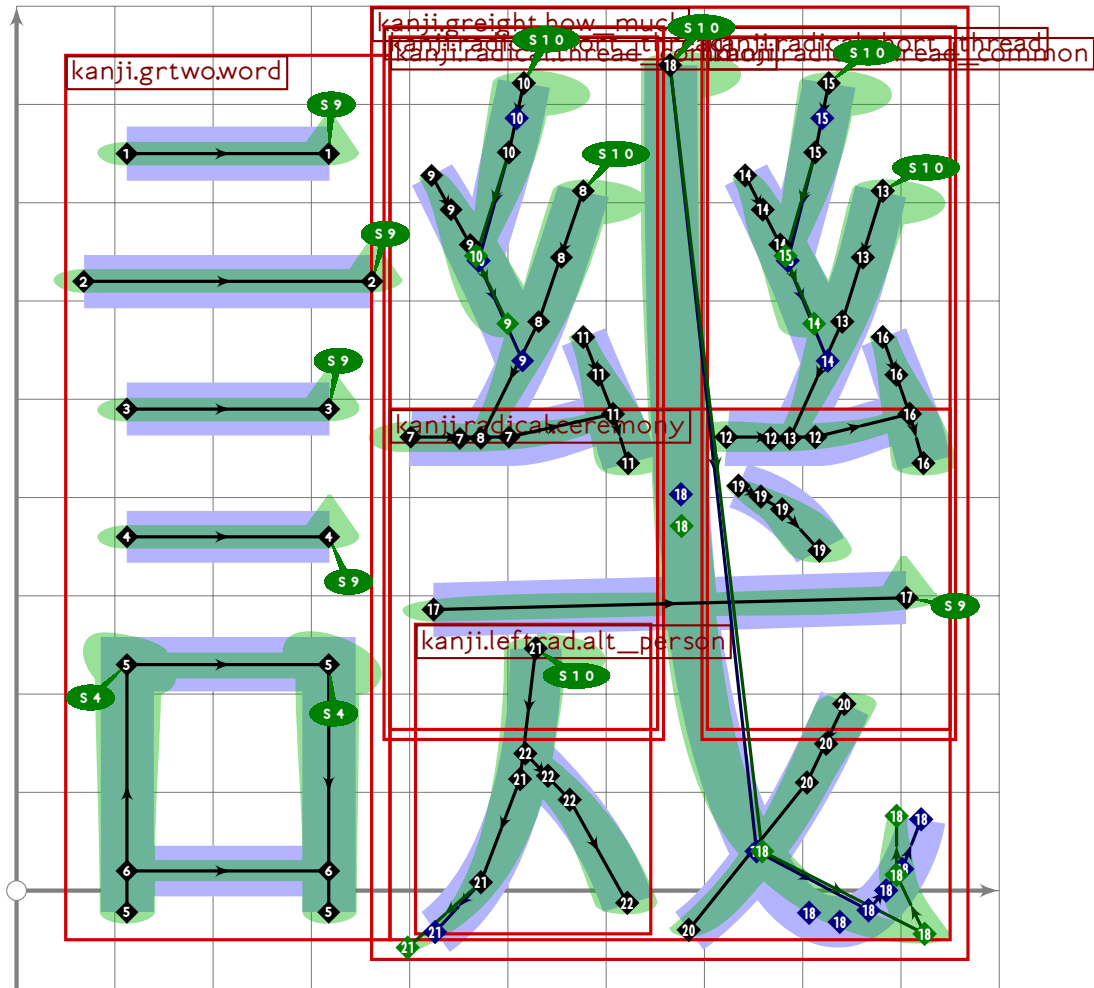
```



```

274 % extra "certificate"
275 begintsuglyph("uni8B49";73);
276   build_kanji.level(build_kanji.lr(410,0)
277     (kanji.grtwo.word)
278     (build_kanji.sscale(yscaled 0.95)(kanji.grthree.climb)));
279   tsu_render;
280 endtsuglyph;
281

```



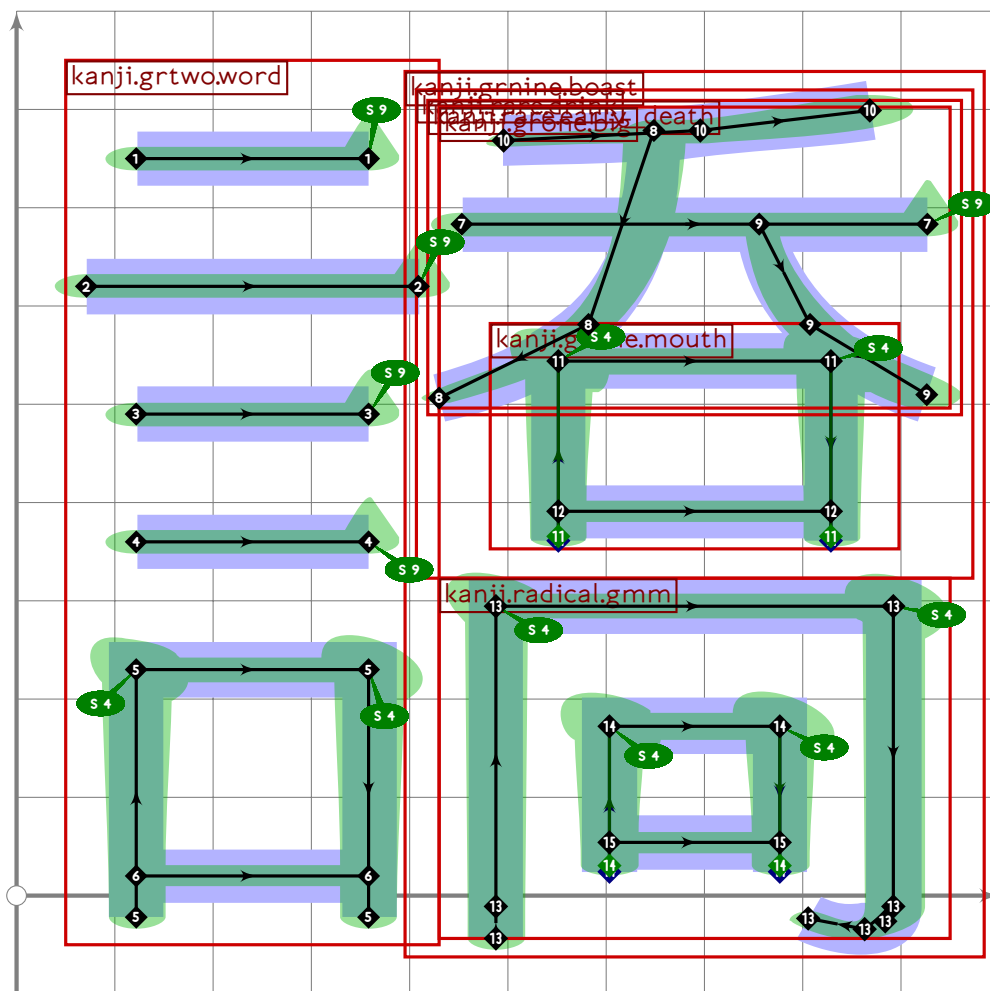
```

282 % extra "disparage"
283 begintsuglyph("uni8B4F";79);
284   build_kanji.level(build_kanji.lr(380,0)
285     (kanji.grtwo.word)
286     (kanji.greight.how_much));
287   tsu_render;
288 endtsuglyph;
289

```

U+8B51
tsuku.uni8B51

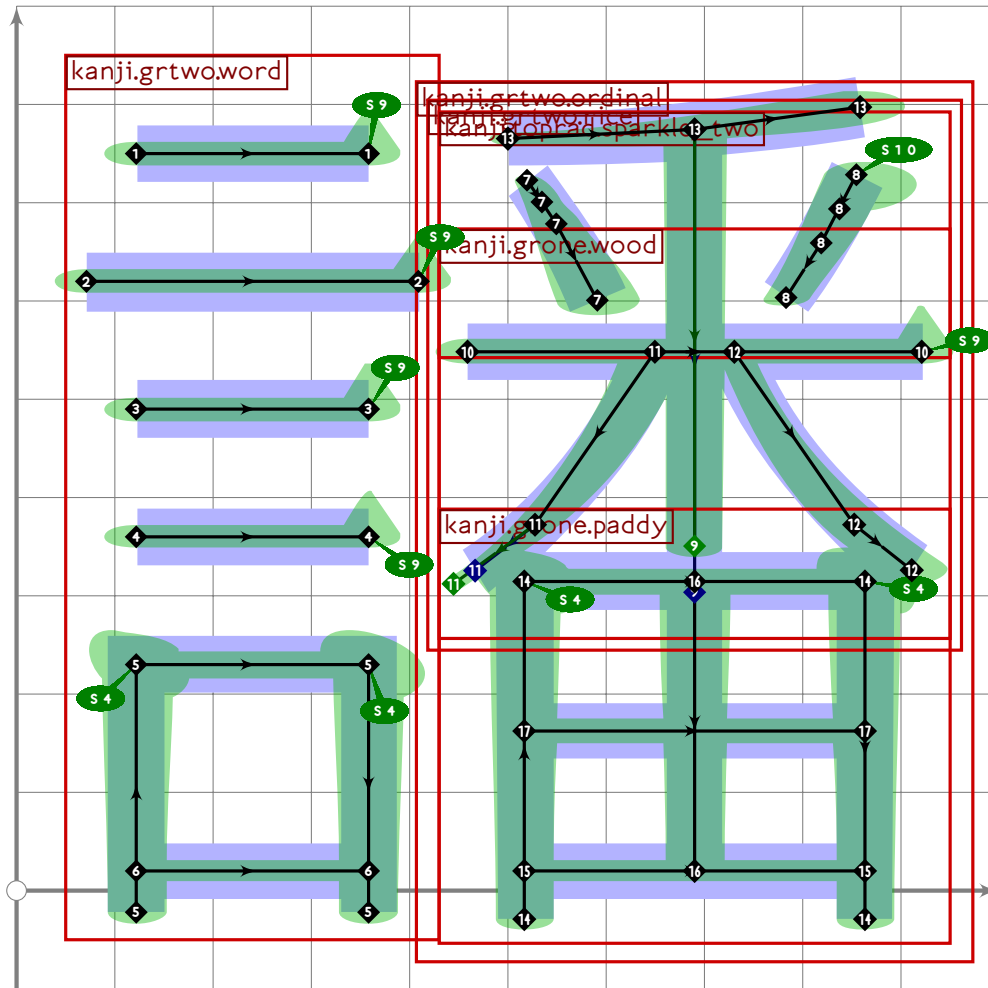
8B



```

290 % extra
291 begintsuglyph("uni8B51";81);
292   build_kanji.level(build_kanji.lr(430,0)
293     (kanji.grtwo.word)
294     (build_kanji.sscale(yscaled 0.94 shifted (0,-20))(kanji.grnine.boast)));
295   tsu_render;
296 endtsuglyph;
297

```



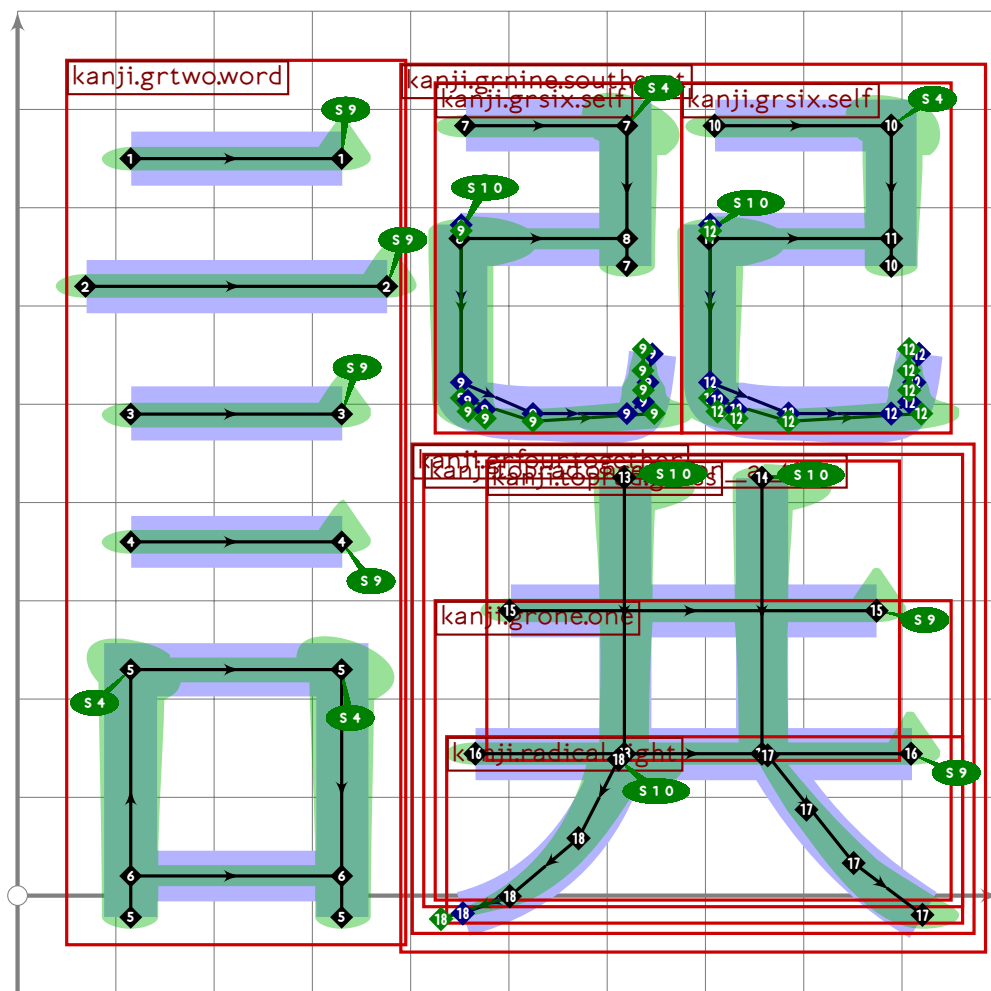
```

298 % extra
299 begintuglyph("uni8B52",82);
300 build_kanji.level(build_kanji.lr(430,0)
301   (kanji.grtwo.word)
302   (build_kanji.sscale(yscaled 0.94 shifted (0,-30))(kanji.grtwo.ordinal)));
303 tsu_render;
304 endtuglyph;
305

```

U+8B54
tsuku.uni8B54

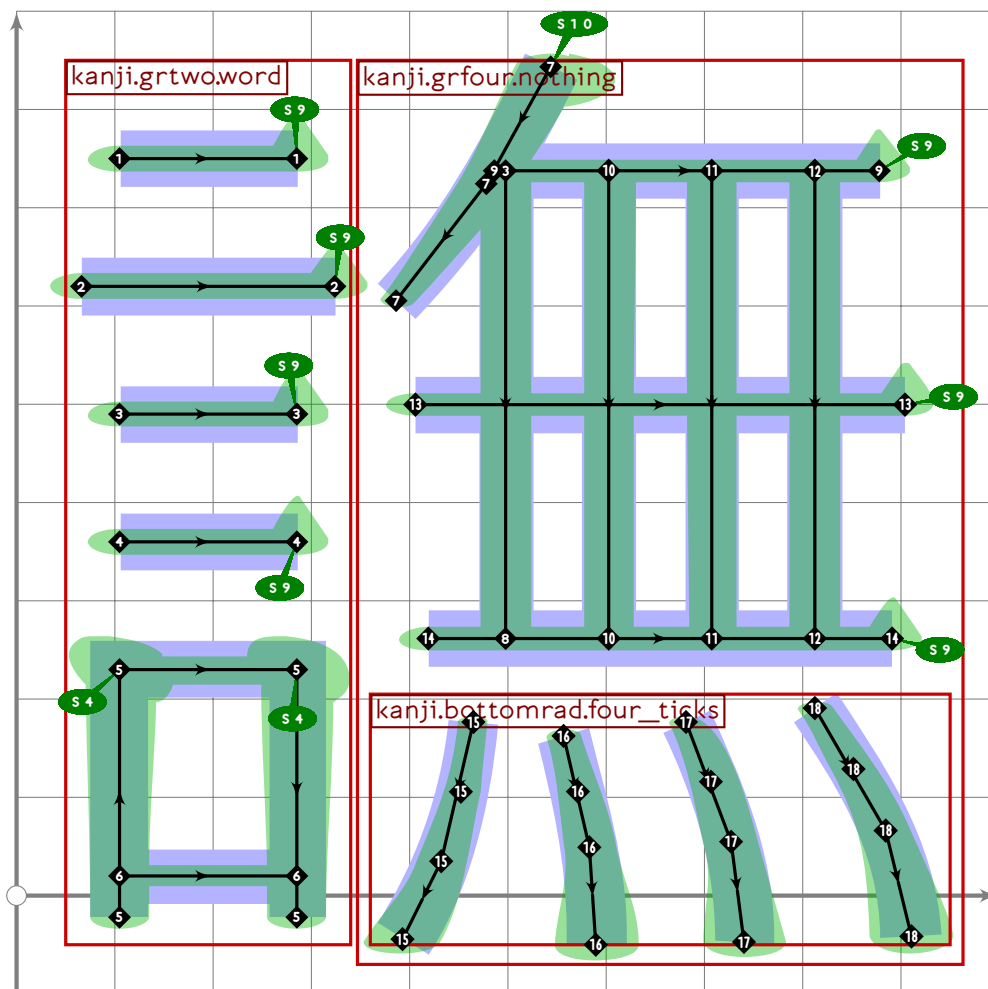
8B



```

306 % extra
307 begintsuglyph("uni8B54";84);
308   build_kanji.level(build_kanji.lr(410;30)
309     (kanji.grtwo.word)
310     (build_kanji.sscale(yscaled 0.95)(kanji.grnine.southeast)));
311   tsu_render;
312 endtsuglyph;
313

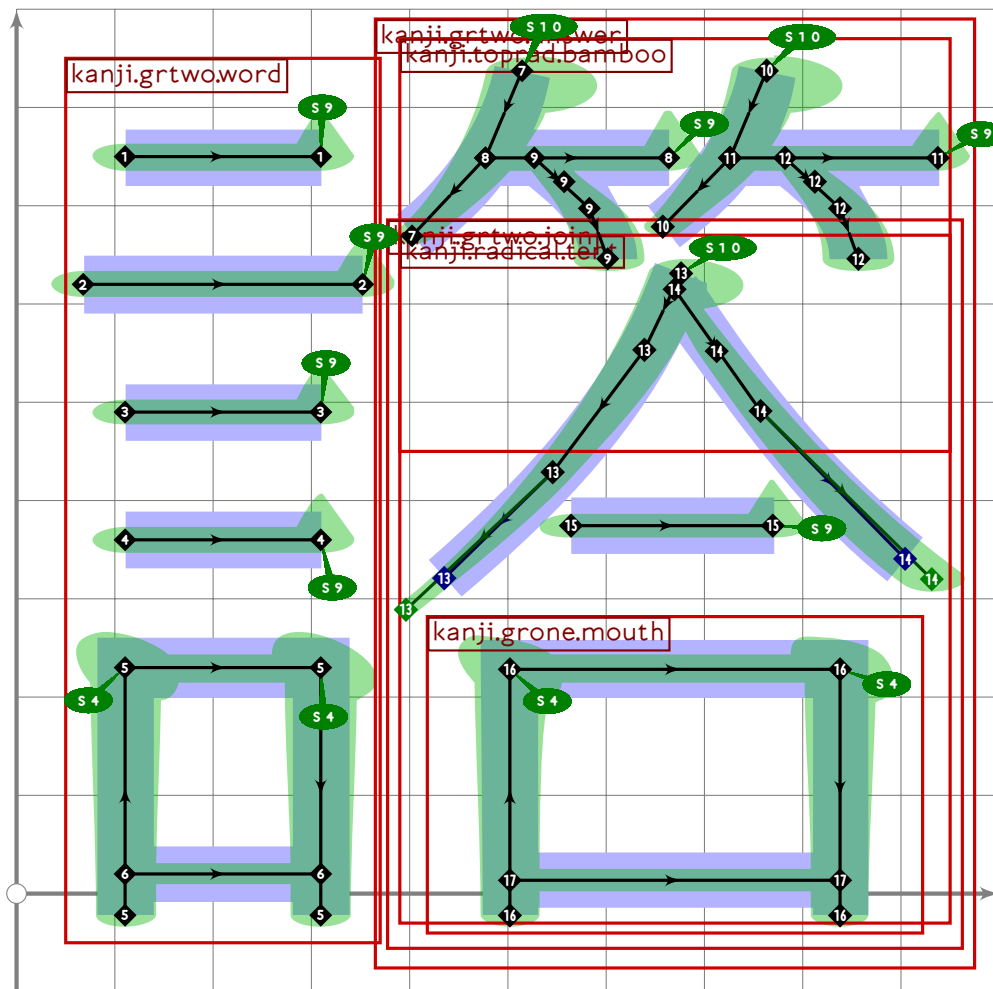
```



```

314 % extra
315 begintsuglyph("uni8B55";85);
316   build_kanji.level(build_kanji.lr(350;20)
317     (kanji.grtwo.word)
318     (kanji.grfour.nothing));
319   tsu_render;
320 endtsuglyph;
321

```

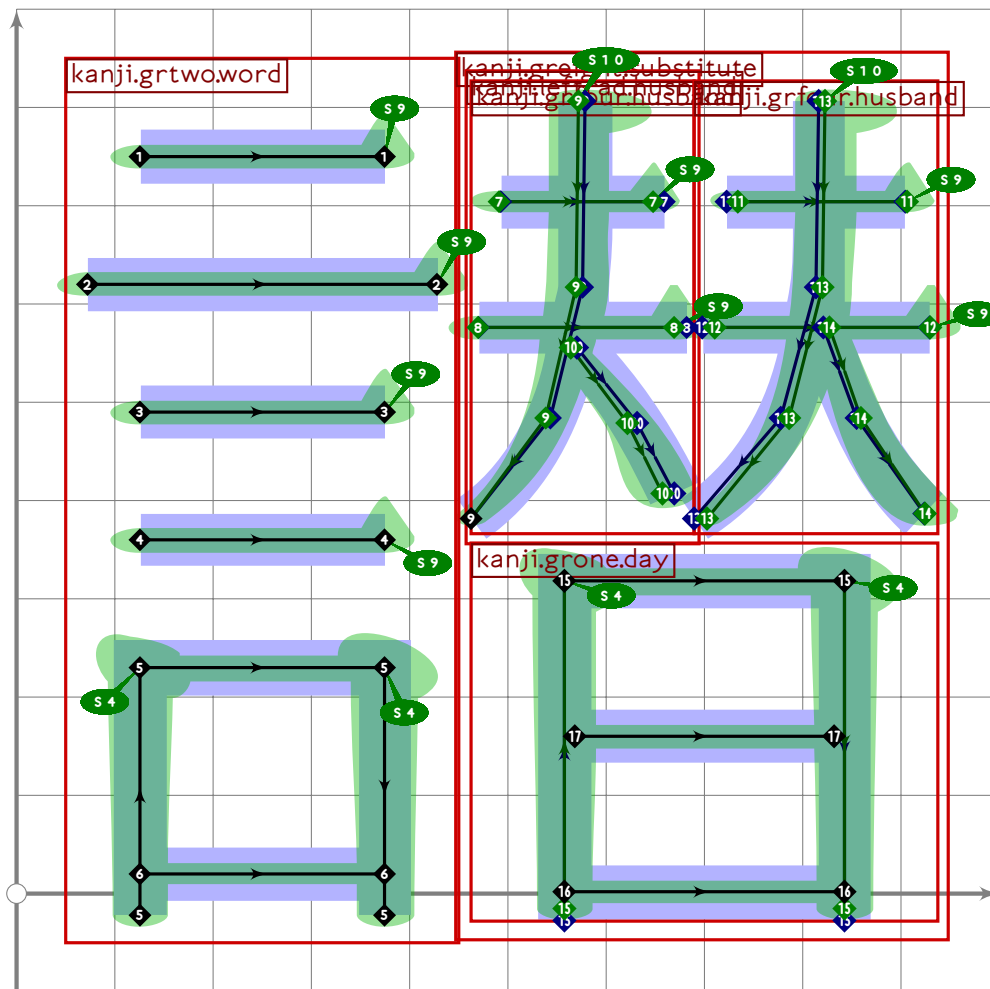


```

322 % extra
323 begintsuglyph("uni8B57";87);
324   build_kanji.level(build_kanji.lr(380;20)
325     (kanji.grtwo.word)
326     (build_kanji.sscale(shifted (0,20))(kanji.grtwo.answer)));
327   tsu_render;
328 endtsuglyph;
329
330 % shiki/shiru "discernment"
331 begintsuglyph("uni8B58";88);
332   kanji.grfive.discernment;
333   tsu_render;
334 endtsuglyph;
335

```

[see page 4054]



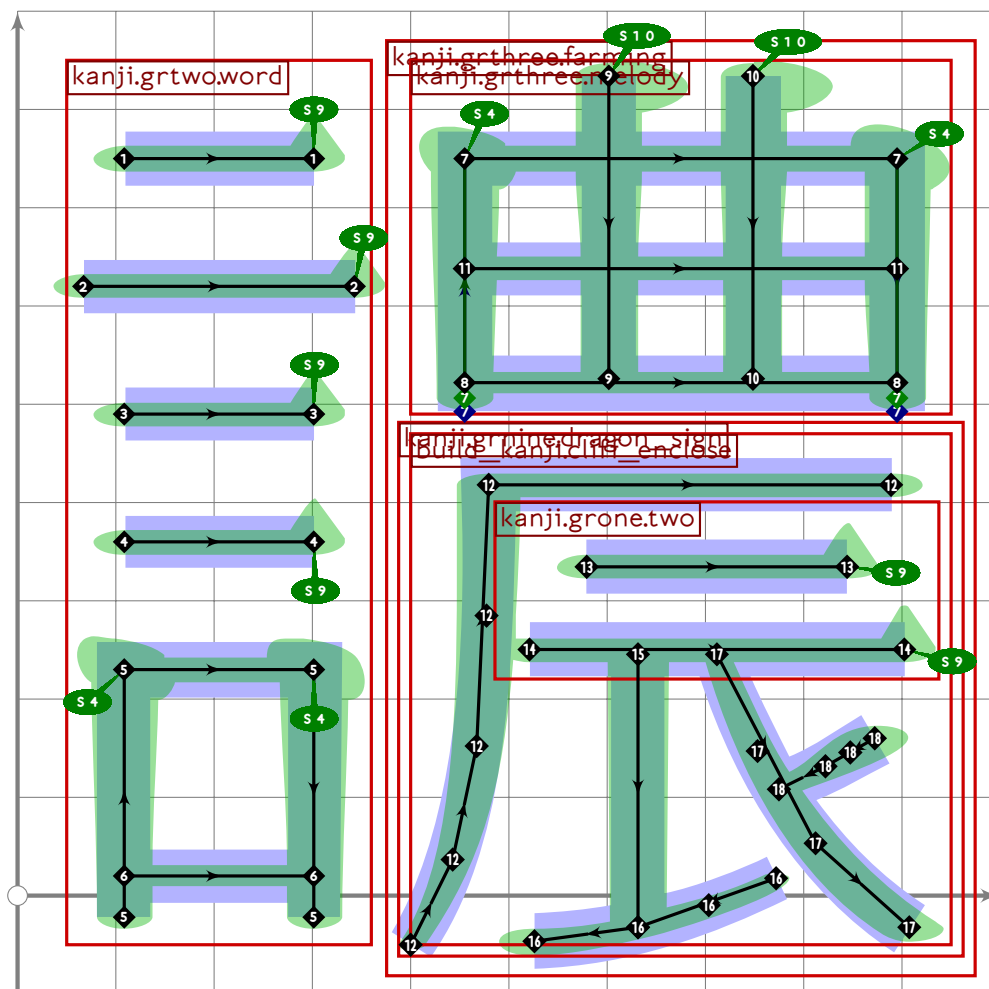
```

336 % extra "false accusation"
337 begintsuglyph("uni8B5B'91);
338 build_kanji.level(build_kanji.lr(450,0)
339   (kanji.grtwo.word)
340   (build_kanji.sscale(scaled 0.95)(kanji.greight.substitute)));
341 tsu_render;
342 endtsuglyph;
343

```

U+8B68
tsuku.uni8B68

8B



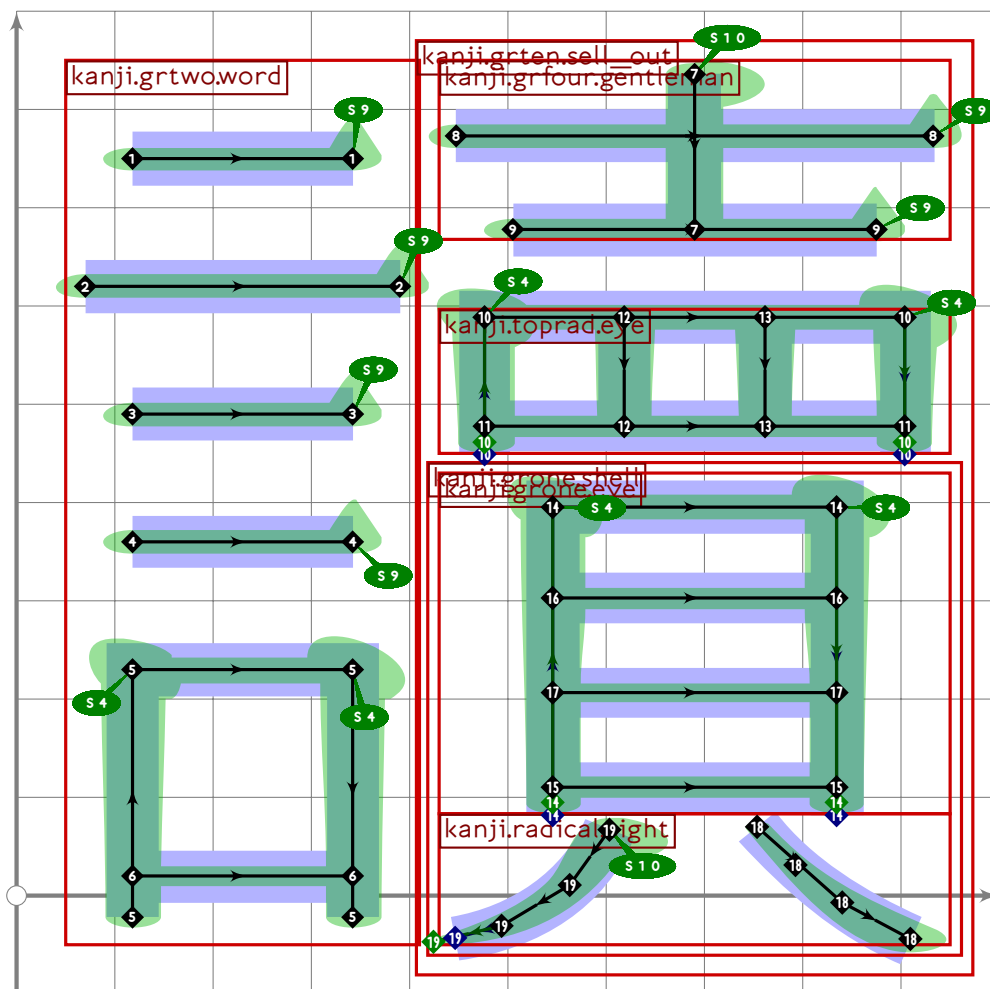
```

344 % extra
345 begintuglyph("uni8B68",104);
346   build_kanji.level(build_kanji.lr(380,40)
347     (kanji.grtwo.word)
348     (kanji.grthree.farming));
349   tsu_render;
350 endtsuglyph;
351

```



[see page 4056]

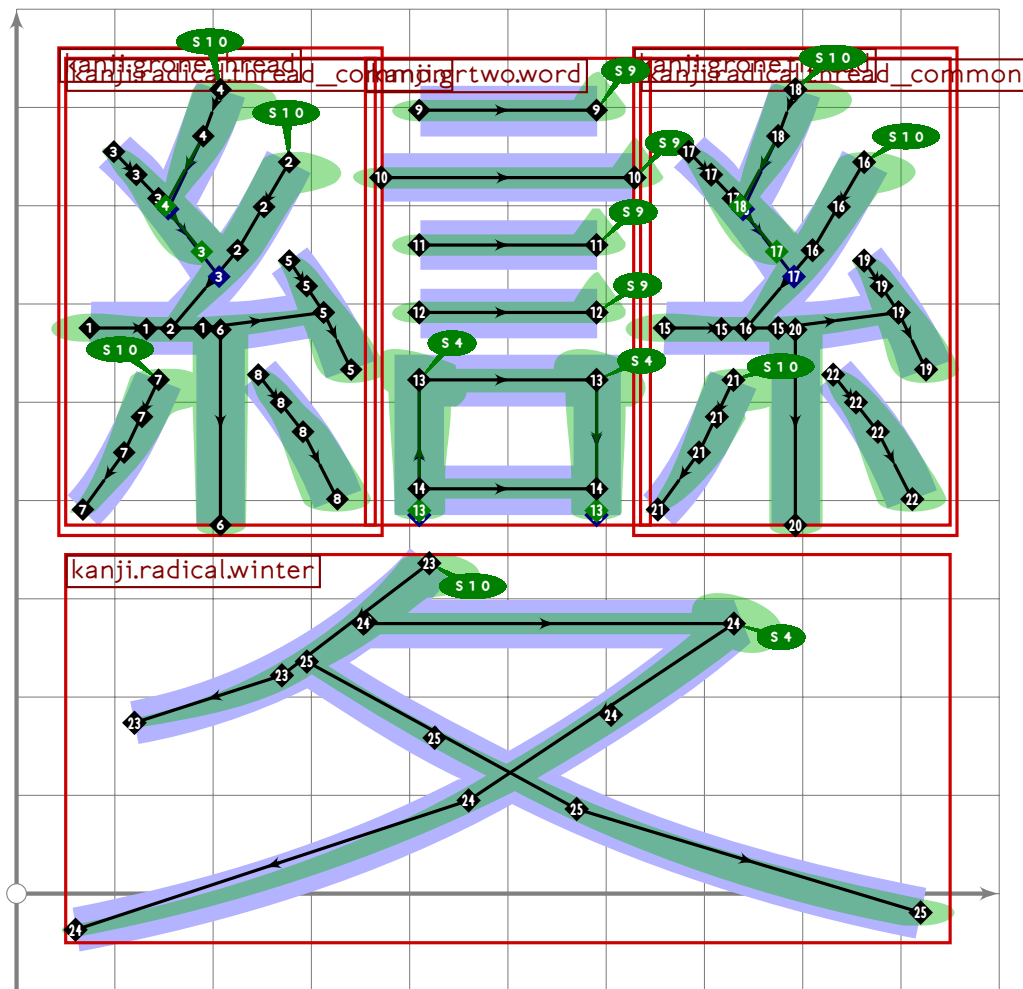


```

372 % extra "study"
373 begintsuglyph("uni8B80";128);
374   build_kanji.level(build_kanji.lr(420;20)
375     (kanji.grtwo.word)
376     (kanji.grten.sell_out));
377   tsu_render;
378 endtsuglyph;
379
380 % san/ho "praise"
381 begintsuglyph("uni8B83";131);
382   kanji.grnine.praise;
383   tsu_render;
384 endtsuglyph;
385

```

[see page 4060]



```

386 % extra: alternate "hen"
387 begintsuglyph("uni8B8A",138);
388   build_kanji.level(build_kanji.tb(360,30)
389     (build_kanji.lcr(360,10)(640,10)
390       (kanji.grone.thread)
391       (kanji.grtwo.word)
392       (kanji.grone.thread))
393     (kanji.radical.winter));
394   tsu_render;
395 endtsuglyph;
396
397
398
399 endfont;
400
401

```

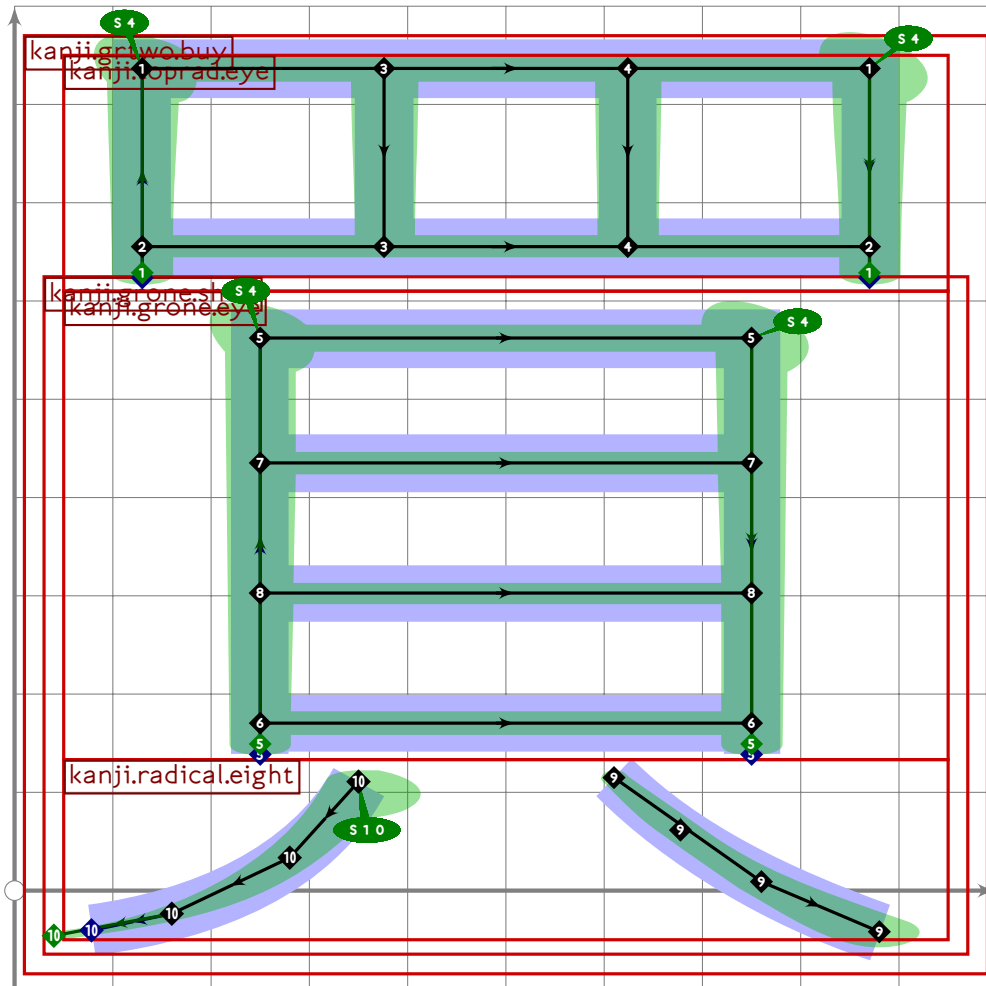
```
1 %
2 % Unicode page 8C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017, 2018 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

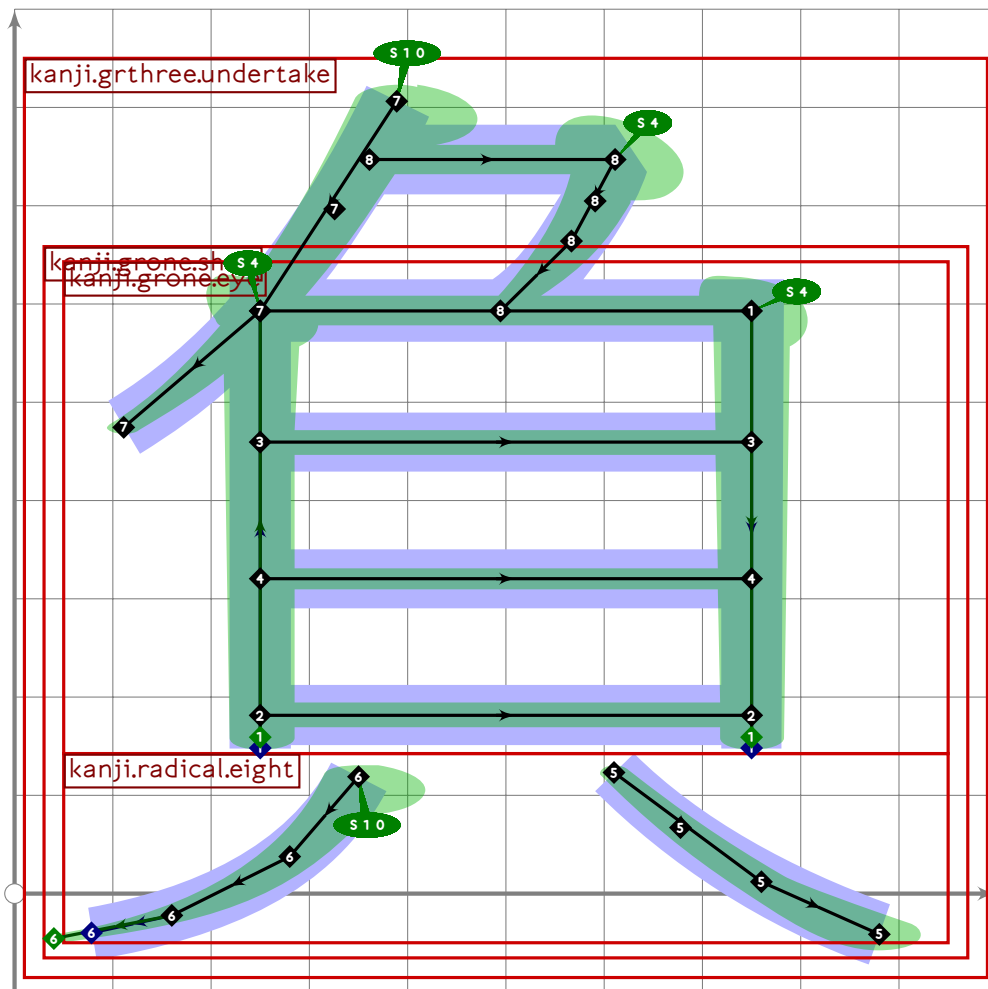

```



```

54
55 vardef kanji.grtwo.buy =
56   push_pbox_toexpand("kanji.grtwo.buy");
57   build_kanji.level(build_kanji.tb(610,0)
58     (kanji.toprad.eye)
59     (kanji.grone.shell));
60   expand_pbox;
61 enddef;
62
63

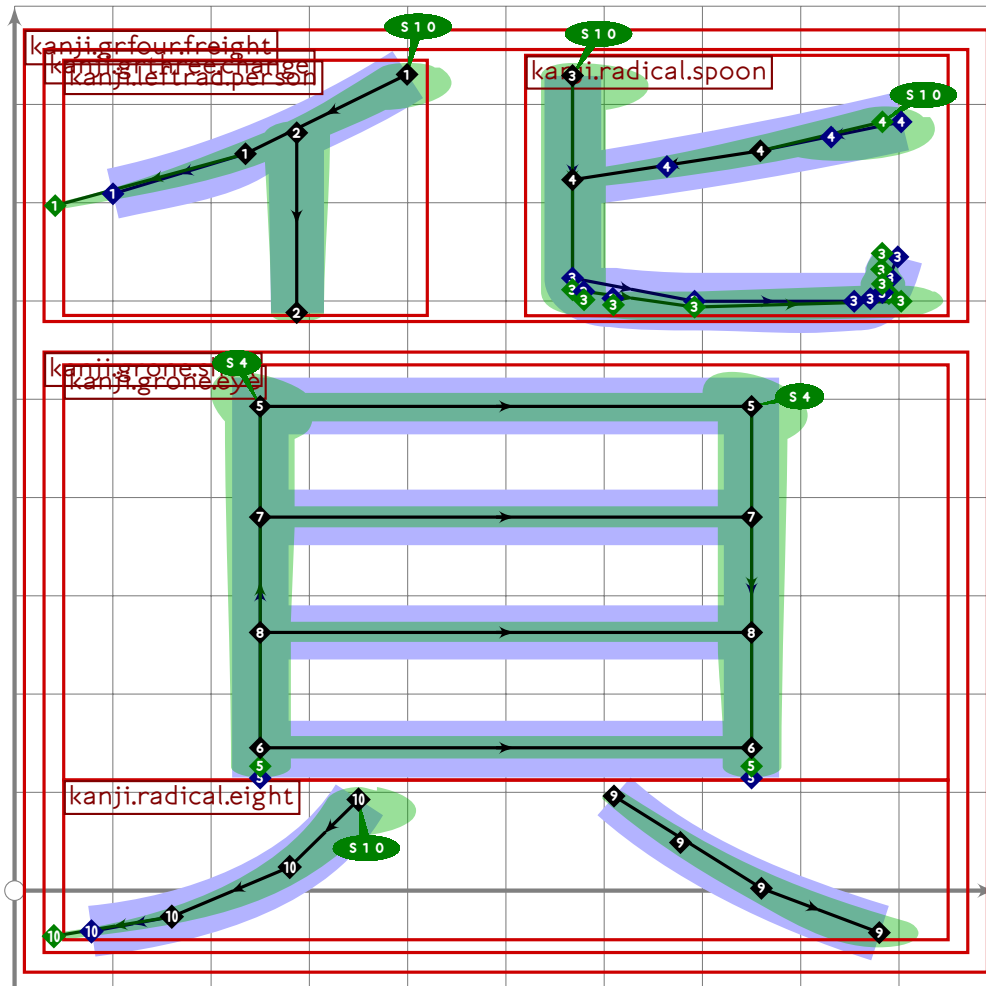
```



```

64
65 vardef kanji.grthree.undertake =
66   push_pbox_toexpand("kanji.grthree.undertake");
67   build_kanji.attach_fishhook(0.77)(kanji.grone.shell);
68   expand_pbox;
69 enddef;
70
71

```

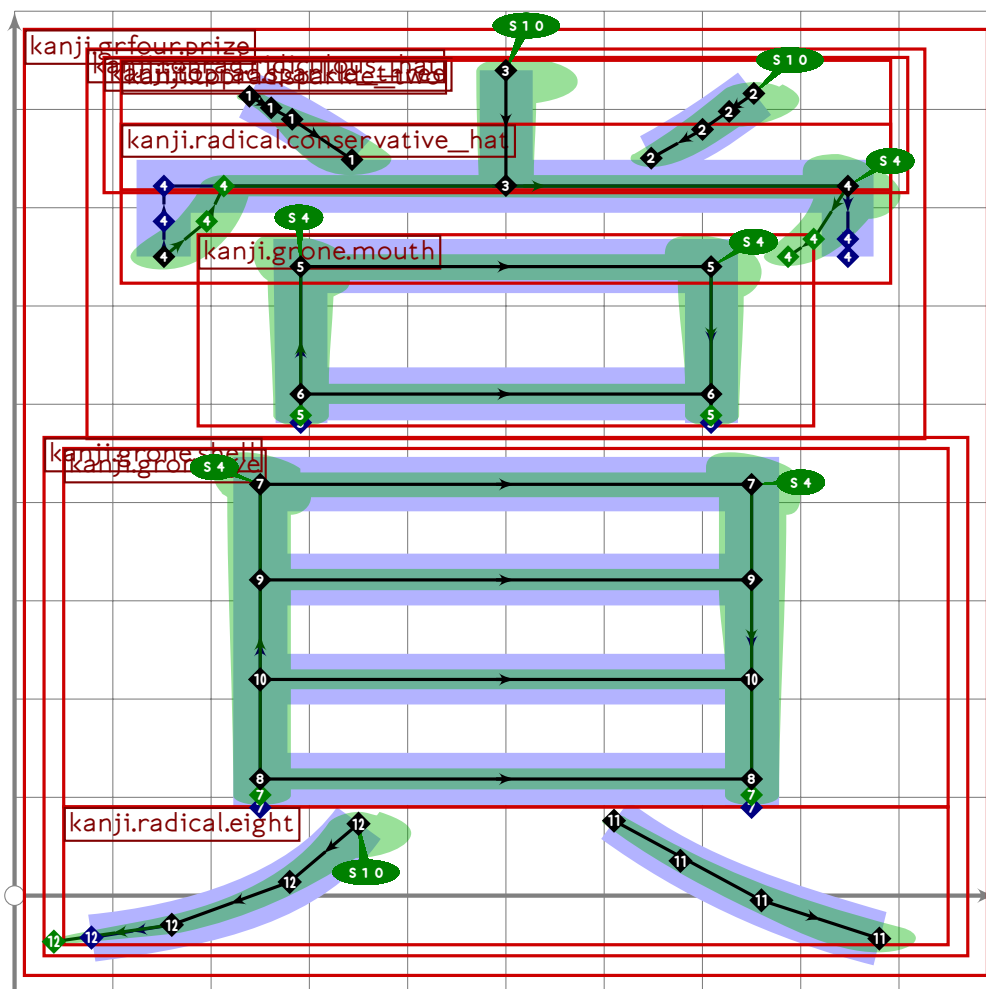



```

72
73 vardef kanji.grfour.freight =
74   push_pbox_toexpand("kanji.grfour.freight");
75   build_kanji.level(build_kanji.tb(560,-50)
76     (kanji.grthree.change)
77     (kanji.grone.shell));
78   expand_pbox;
79 enddef;

```

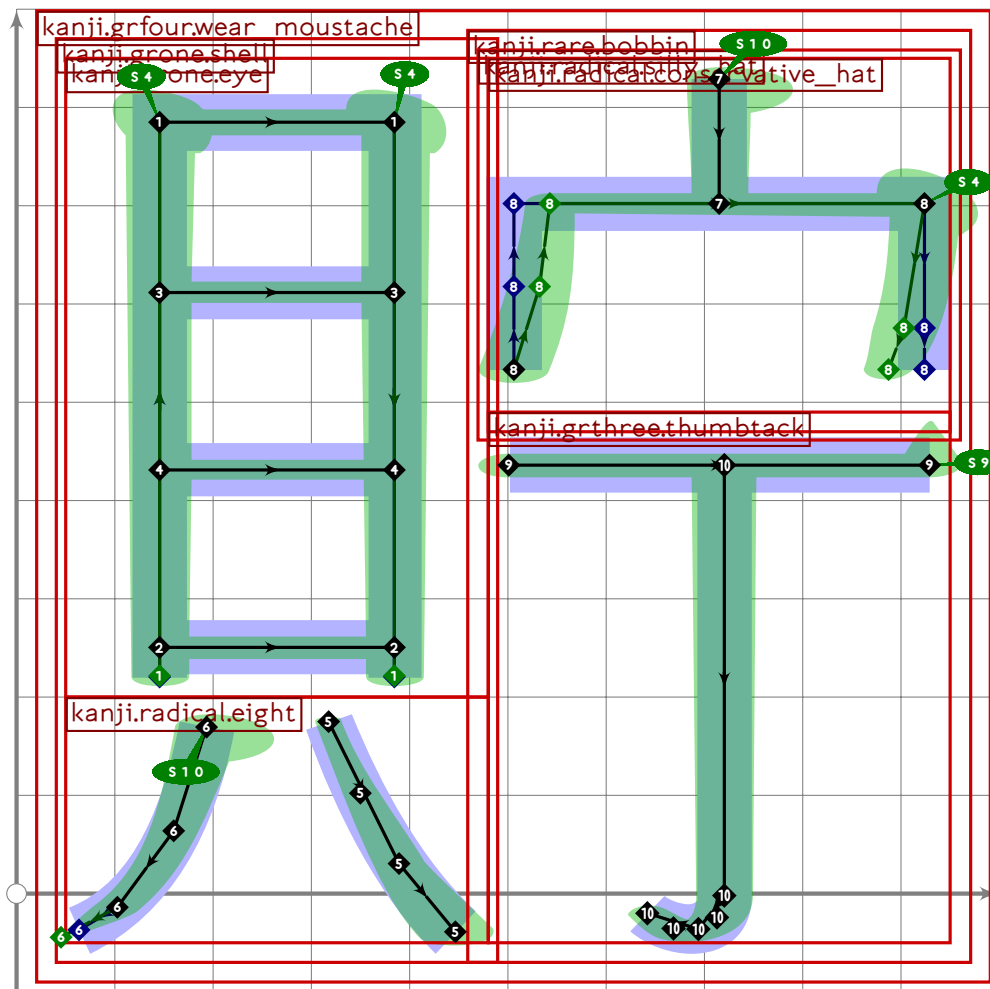
8C



```

80
81 vardef kanji.grfour.prize =
82   push_pbox_toexpand("kanji.grfour.prize");
83   build_kanji.level(build_kanji.tb(460-10)
84     (build_kanji.sscale(xscaled 0.87)(kanji.toprad.ridiculous_hat))
85     (kanji.grone.shell));
86   expand_pbox;
87 enddef;

```



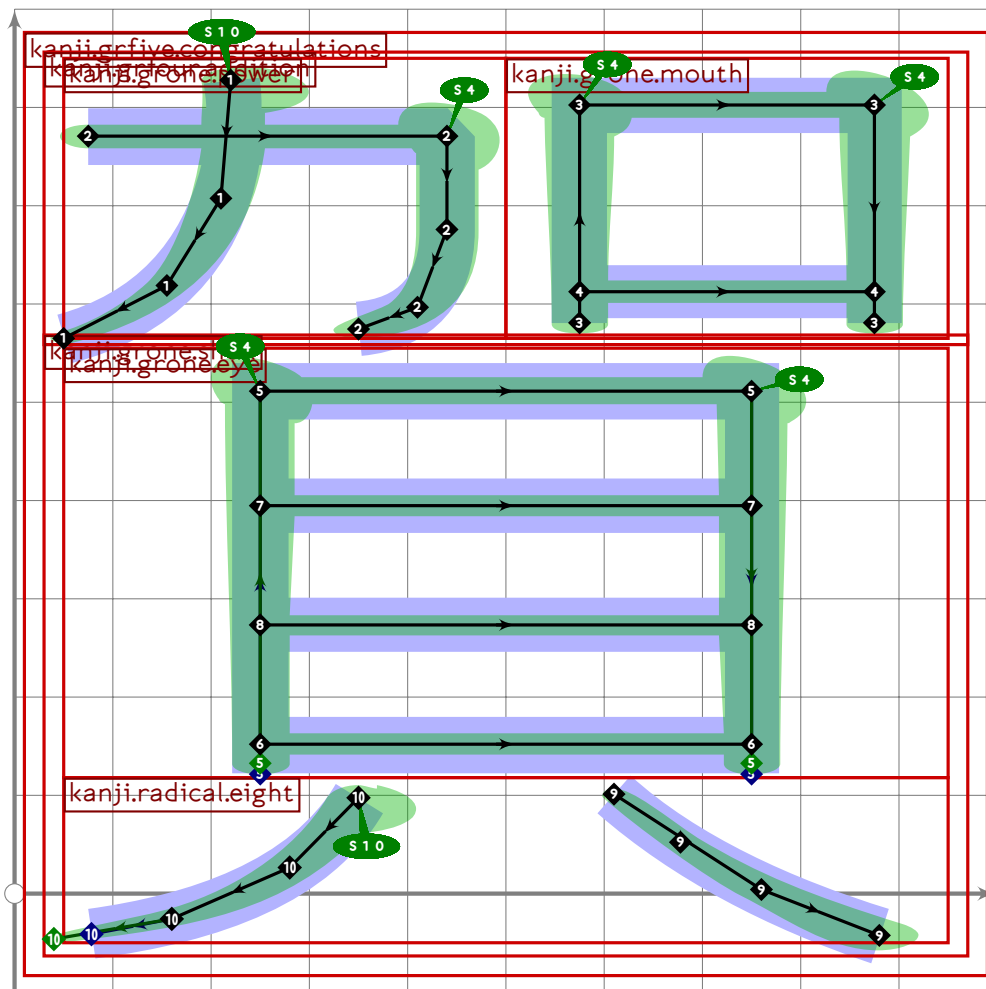
8C

```

88
89 vardef kanji.grfourwear_moustache =
90   push_pbox_toexpand("kanji.grfour.wear_moustache");
91   build_kanji.level(build_kanji.lr(480,0)
92     (kanji.grone.shell)
93     (kanji.rare.bobbin));
94   expand_pbox;
95 enddef;
96
97

```

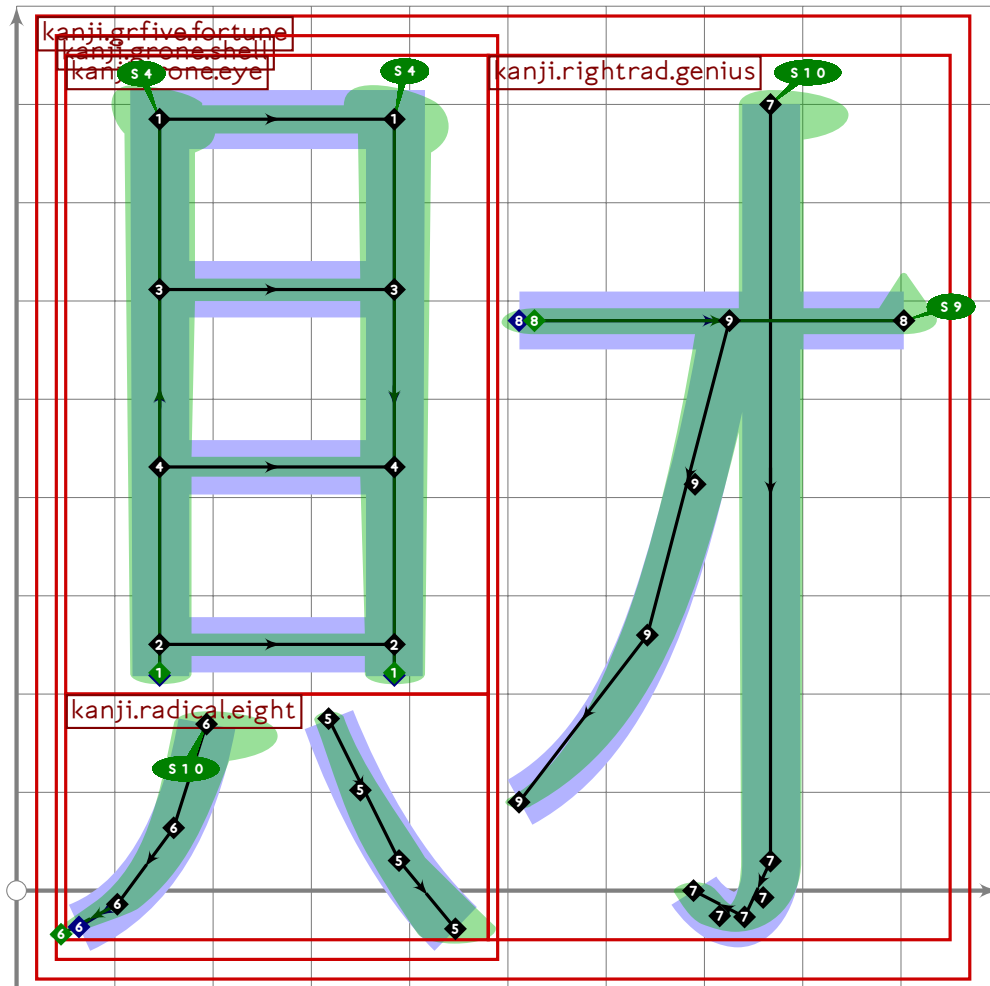
8C



```

98
99 vardef kanji.grfive.congratulations =
100   push_pbox_toexpand("kanji.grfive.congratulations");
101   build_kanji.level(build_kanji.tb(560;10)
102     (kanji.grfour.addition)
103     (kanji.grone.shell));
104   expand_pbox;
105 enddef;

```



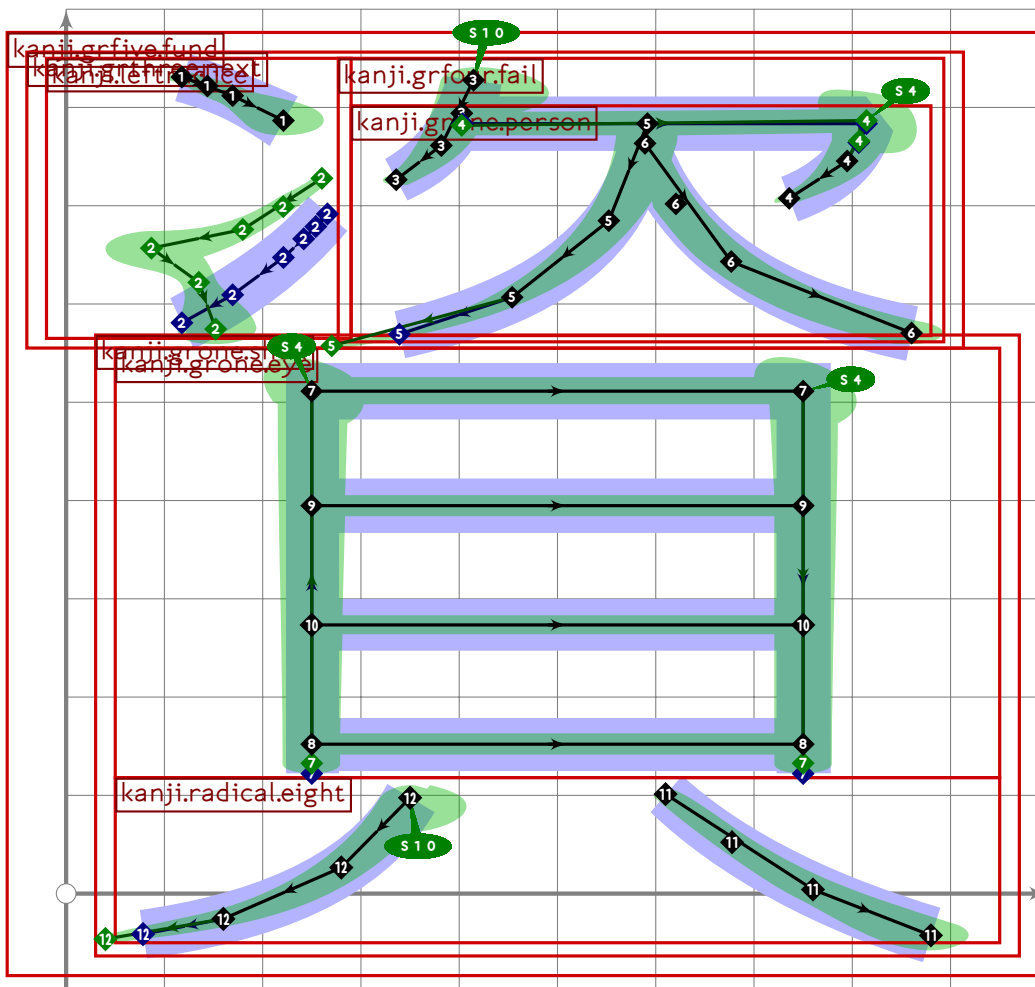
8C

```

106
107 vardef kanji.grfive.fortune =
108   push_pbox_toexpand("kanji.grfive.fortune");
109   build_kanji.level(build_kanji.lr(480,0)
110     (kanji.grone.shell)
111     (kanji.rightrad.genius));
112   expand_pbox;
113 enddef;

```

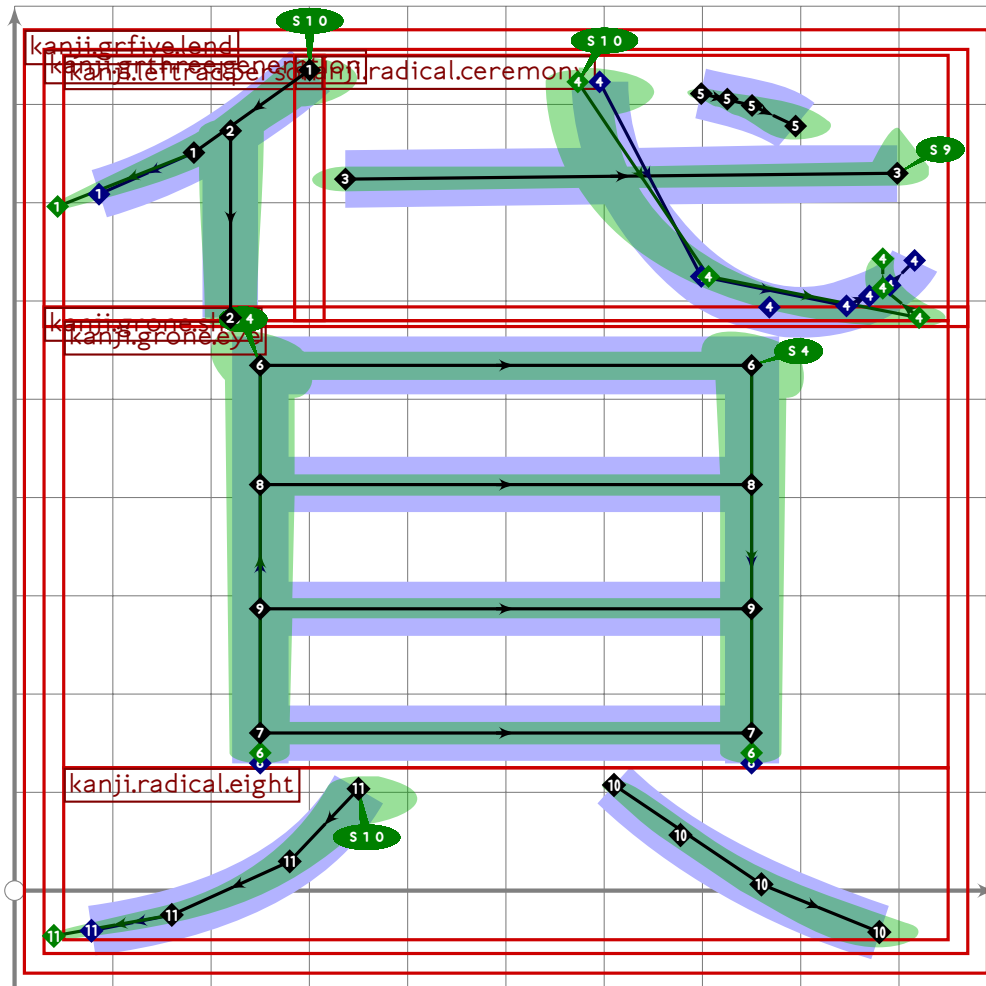
8C



```

114
115 vardef kanji.grfive.fund =
116   push_pbox_toexpand("kanji.grfive.fund");
117   build_kanji.level(build_kanji.tb(560,-10)
118     (build_kanji.sscale(shifted (-70,0))(kanji.grthree.next))
119     (kanji.grone.shell));
120   expand_pbox;
121 enddef;

```



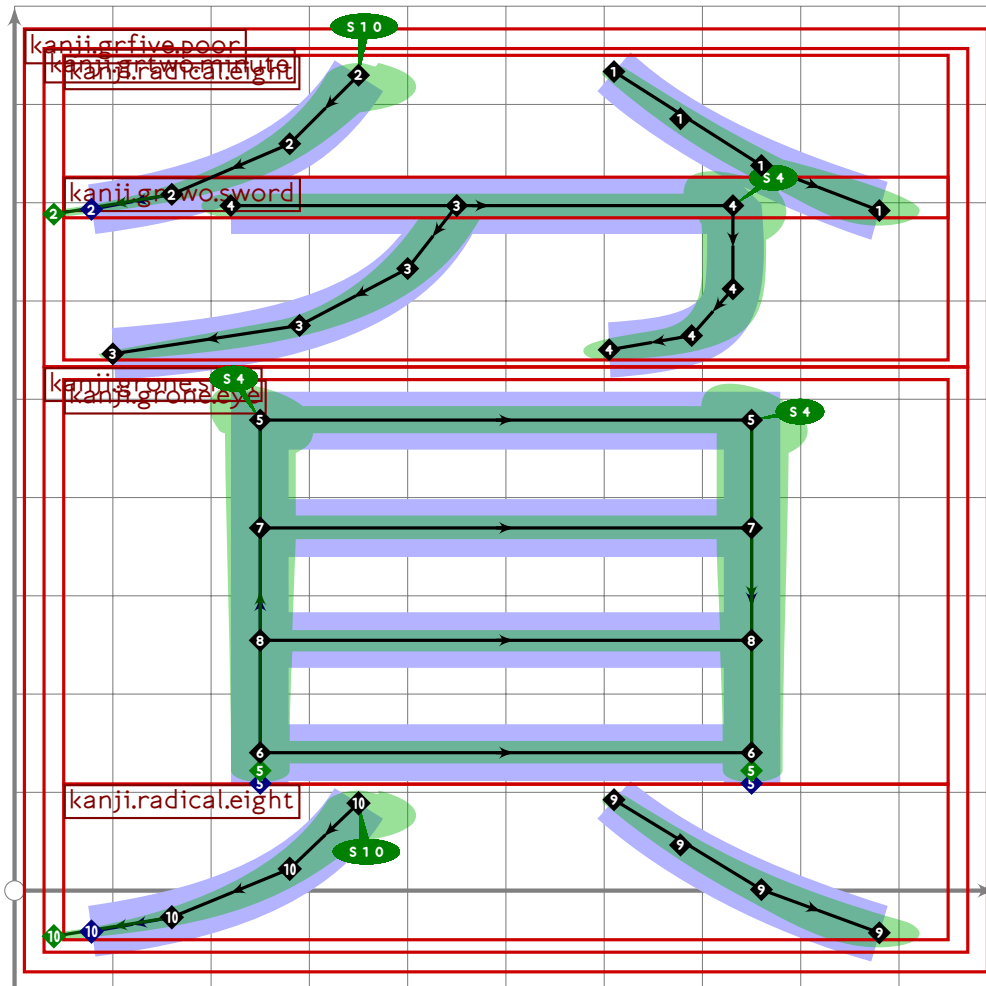
8C

```

122
123 vardef kanji.grfive.lend =
124   push_pbox_toexpand("kanji.grfive.lend");
125   build_kanji.level(build_kanji.tb(580,0)
126     (kanji.grthree.generation;
127       replace_strokep(-2)(oldp shifted (0,-80)))
128     (kanji.grone.shell));
129   expand_pbox;
130 enddef;

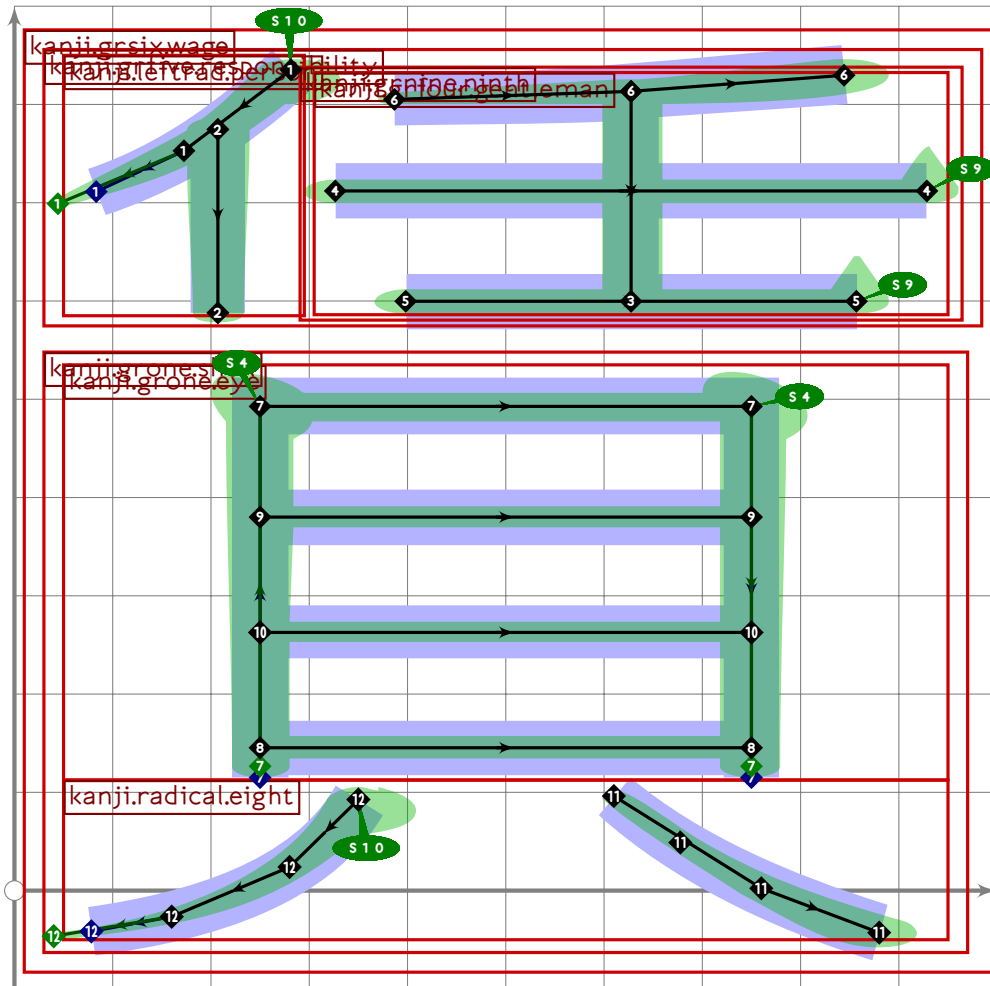
```

8C



```

131
132 vardef kanji.grfive.poor =
133   push_pbox_toexpand("kanji.grfive.poor");
134   build_kanji.level(build_kanji.tb(530;-20)
135     (kanji.grtwo.minute)
136     (kanji.grone.shell));
137   expand_pbox;
138 enddef;
139
140
```

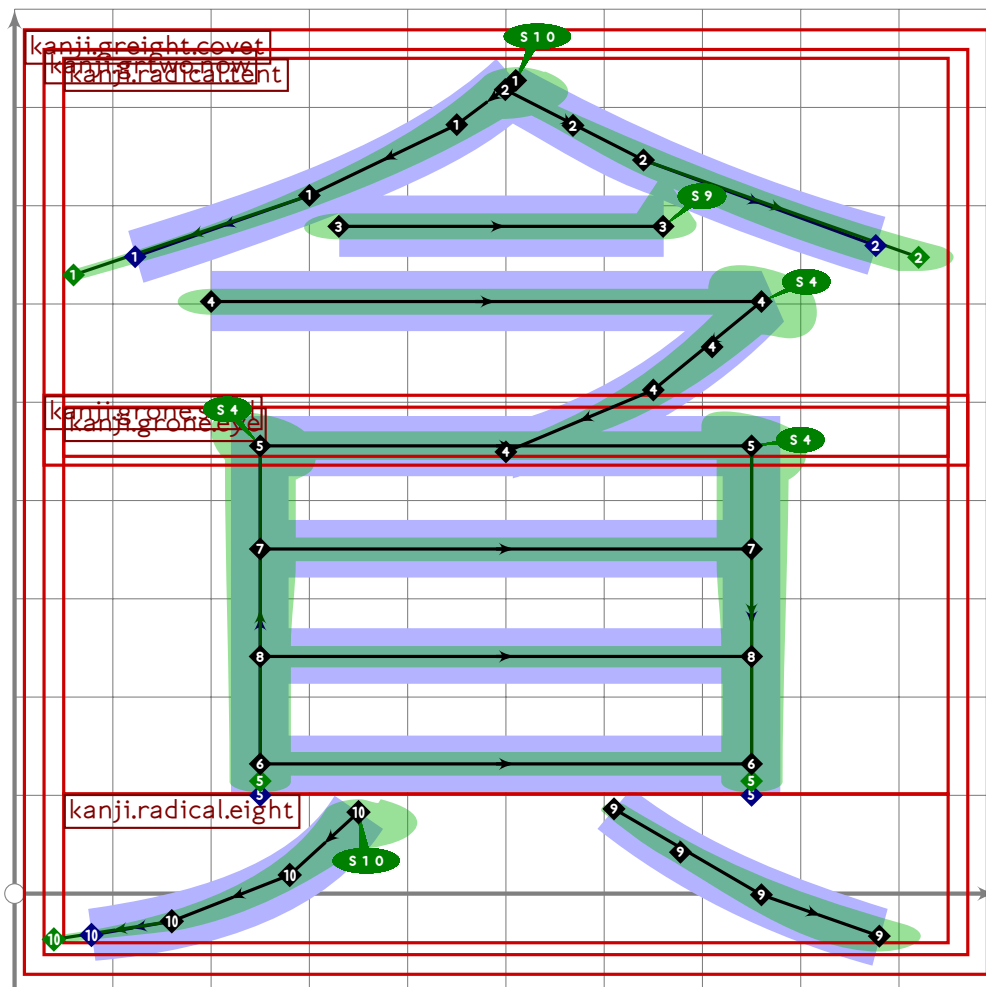



```

141
142 vardef kanji.grsix.wage =
143   push_pbox_toexpand("kanji.grsix.wage");
144   build_kanji.level(build_kanji.tb(560,-50)
145     (kanji.grfive.responsibility)
146     (kanji.grone.shell));
147   expand_pbox;
148 enddef;
149
150

```

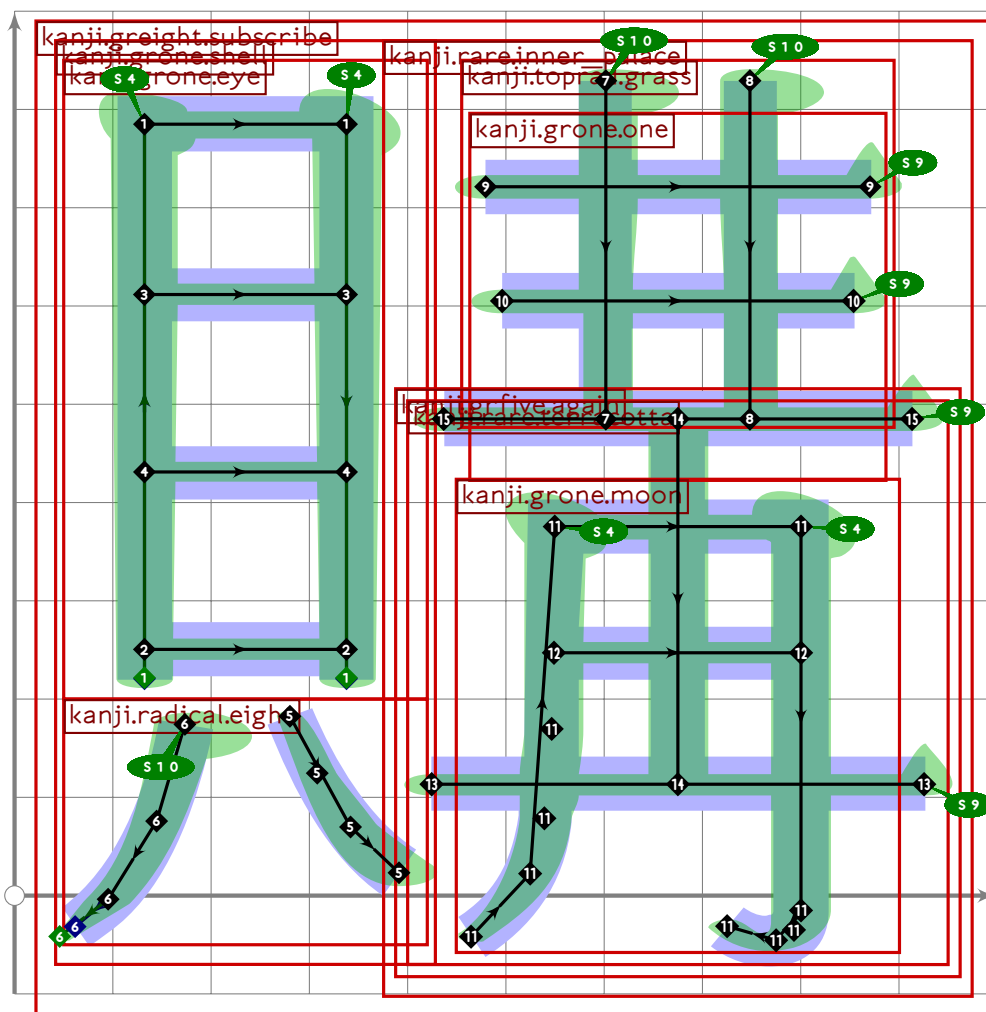
8C



```

151
152 vardef kanji.greight.covet =
153   push_pbox_toexpand("kanji.greight.covet");
154   build_kanji.tb(470,50)
155     (kanji.grtwo.now)
156     (kanji.grone.shell);
157   expand_pbox;
158 enddef;

```

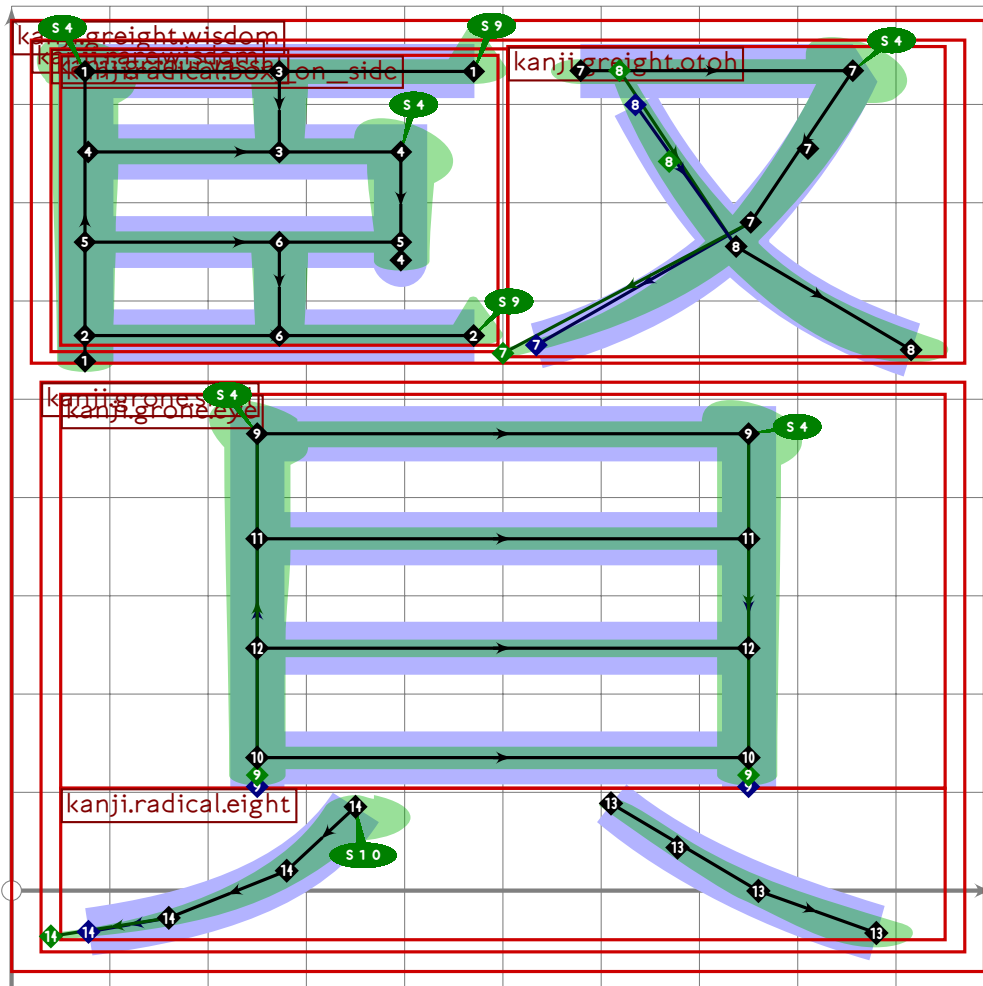


```

159
160 vardef kanji.greight.subscribe =
161   push_pbox_toexpand("kanji.greight.subscribe");
162   build_kanji.level(build_kanji.lr(410,20)
163     (build_kanji.lift_skirt(220,60)(kanji.grone.shell))
164     (kanji.rare.inner_palace));
165   expand_pbox;
166 enddef;

```

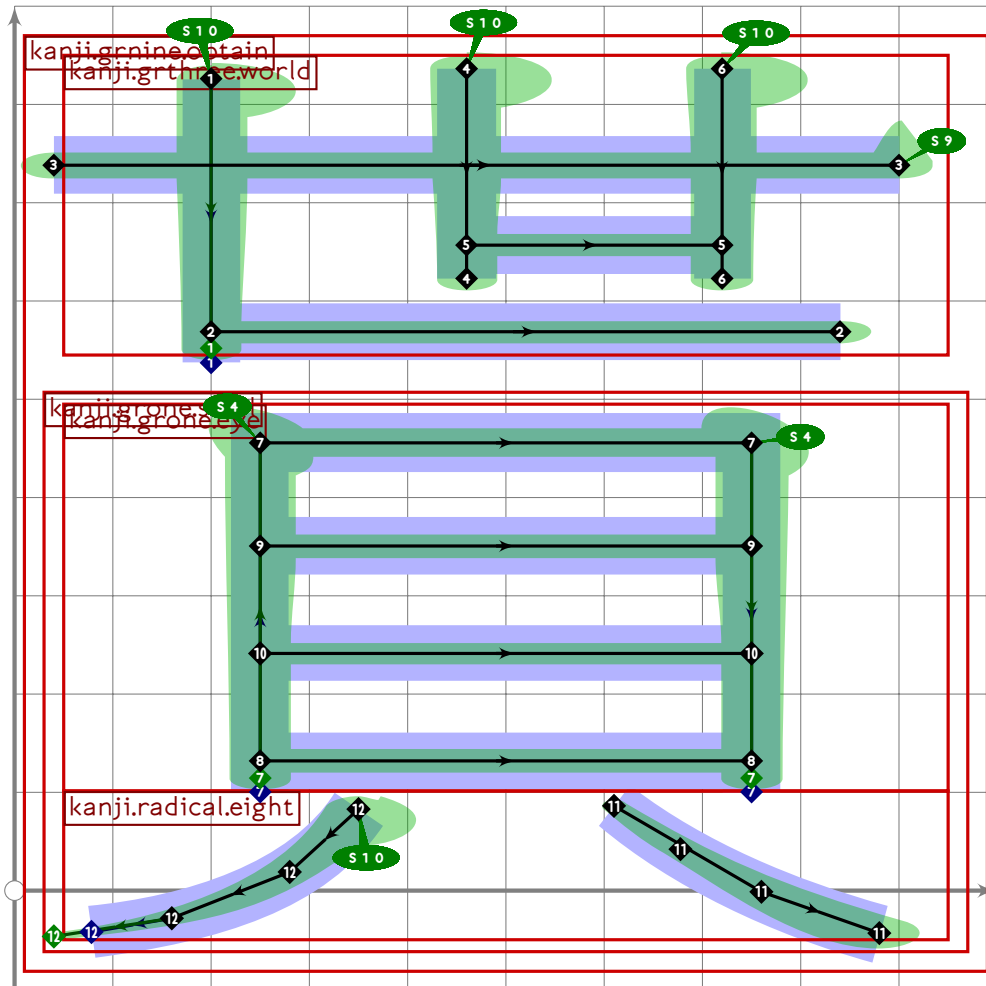
8C



```

167
168 vardef kanji.greight.wisdom =
169   push_pbox_toexpand("kanji.greight.wisdom");
170   build_kanji.level(build_kanji.tb(530;50)
171     (kanji.rare.wisdom)
172     (kanji.grone.shell));
173   expand_pbox;
174 enddef;
175
176

```



```

177
178 vardef kanji.grnine.obtain =
179   push_pbox_toexpand("kanji.grnine.obtain");
180   build_kanji.level(build_kanji.tb(520;50)
181     (kanji.grthree.world)
182     (kanji.grone.shell));
183   expand_pbox;
184 enddef;
185
186
187
188 % koku/tani "valley"
189 beginsuglyph("uni8C37";55);
190   kanji.grtwovalley;
191   tsu_render;
192 endtsuglyph;
193
194 % tou/mame "bean"
195 beginsuglyph("uni8C46";70);
196   kanji.grthree.bean;
197   tsu_render;

```

[see page 588]

[see page 603]

198 endtsuglyph;
 199
 200 % hou/yuta "bountiful
 201 begintsuglyph("uni8C4A";74); [see page 768]
 202 kanji.grfive.bountiful;
 203 tsu__render;
 204 endtsuglyph;
 205
 206 % inoko "pig" radical
 207 begintsuglyph("uni8C55";85); [see page 885]
 208 kanji.radical.pig;
 209 tsu__render;
 210 endtsuglyph;
 211
 212 % shou/katado "elephant" or "to imitate"
 213 begintsuglyph("uni8C61";97); [see page 703]
 214 kanji.grfour.elephant;
 215 tsu__render;
 216 endtsuglyph;
 217
 218 % bai/kai "shellfish"
 219 begintsuglyph("uni8C9D";157); [see page 476]
 220 kanji.grone.shell;
 221 tsu__render;
 222 endtsuglyph;
 223
 224 % tei/sada "chastity"
 225 begintsuglyph("uni8C9E";158); [see page 926]
 226 kanji.greight.chastity;
 227 tsu__render;
 228 endtsuglyph;
 229
 230 % fu/ma "undertake"
 231 begintsuglyph("uni8CA0";160); [see page 4088]
 232 kanji.grthree.undertake;
 233 tsu__render;
 234 endtsuglyph;
 235
 236 % zai/takara "fortune"
 237 begintsuglyph("uni8CA1";161); [see page 4093]
 238 kanji.grfive.fortune;
 239 tsu__render;
 240 endtsuglyph;
 241
 242 % kou/mitsu "tribute"
 243 begintsuglyph("uni8CA2";162); [see page 983]
 244 kanji.greight.tribute;
 245 tsu__render;

246 endtsuglyph;
 247
 248 % hin/mazu "poor"
 249 begintsuglyph("uni8CA7";167); [see page 4096]
 250 kanji.grfive.poor;
 251 tsu_render;
 252 endtsuglyph;
 253
 254 % ka/takara "freight"
 255 begintsuglyph("uni8CA8";168); [see page 4089]
 256 kanji.grfour.freight;
 257 tsu_render;
 258 endtsuglyph;
 259
 260 % tan/musabo "covet"
 261 begintsuglyph("uni8CAA";170); [see page 4098]
 262 kanji.greight.covet;
 263 tsu_render;
 264 endtsuglyph;
 265
 266 % kan/nuku "counter for pieces of sushi" (or an obsolete unit of weight)
 267 begintsuglyph("uni8CAB";171); [see page 977]
 268 kanji.greight.sushi_counter;
 269 tsu_render;
 270 endtsuglyph;
 271
 272 % seki/se "blame"
 273 begintsuglyph("uni8CAC";172); [see page 767]
 274 kanji.grfive.blame;
 275 tsu_render;
 276 endtsuglyph;
 277
 278 % cho/ta "wear moustache"
 279 % That is what KANJIDIC2 says, and "save" is a reserved word.
 280 begintsuglyph("uni8CAF";175); [see page 4091]
 281 kanji.grfour.wear_moustache;
 282 tsu_render;
 283 endtsuglyph;
 284
 285 % sei/mora "obtain"
 286 begintsuglyph("uni8CB0";176); [see page 4101]
 287 kanji.grnine.obtain;
 288 tsu_render;
 289 endtsuglyph;
 290
 291 % gai/ka "buy"
 292 begintsuglyph("uni8CB7";183); [see page 4087]
 293 kanji.grtwo.buy;

294 tsu_render;
 295 endtsuglyph;
 296
 297 % tai/ka "lend"
 298 begintsuglyph("uni8CB8";184); [see page 4095]
 299 kanji.grfive.lend;
 300 tsu_render;
 301 endtsuglyph;
 302
 303 % hi/tsui "expense"
 304 begintsuglyph("uni8CBB";187); [see page 707]
 305 kanji.grfour.expense;
 306 tsu_render;
 307 endtsuglyph;
 308
 309 % bou "trade"
 310 begintsuglyph("uni8CBF";191); [see page 813]
 311 kanji.grfive.trade;
 312 tsu_render;
 313 endtsuglyph;
 314
 315 % ga/ka "congratulations"
 316 begintsuglyph("uni8CC0";192); [see page 4092]
 317 kanji.grfive.congratulations;
 318 tsu_render;
 319 endtsuglyph;
 320
 321 % fun "decorate" (needed for greight.indignation)
 322 begintsuglyph("uni8CC1";193); [see page 1051]
 323 kanji.rare.decorate;
 324 tsu_render;
 325 endtsuglyph;
 326
 327 % chin "wage"
 328 begintsuglyph("uni8CC3";195); [see page 4097]
 329 kanji.grsix.wage;
 330 tsu_render;
 331 endtsuglyph;
 332
 333 % shi "fund"
 334 begintsuglyph("uni8CC7";199); [see page 4094]
 335 kanji.grfive.fund;
 336 tsu_render;
 337 endtsuglyph;
 338
 339 % ko/akina "tradesman"
 340 begintsuglyph("uni8CC8";200); [see page 1102]
 341 kanji.rare.tradesman;


```

342   tsu_render;
343 endtsuglyph;
344
345 % san/tasu "approve"
346 begintsuglyph("uni8CDB";219); [see page 766]
347   kanji.grfive.approve;
348   tsu_render;
349 endtsuglyph;
350
351 % shuu/ho "prize"
352 begintsuglyph("uni8CDE";222); [see page 4090]
353   kanji.grfour.prize;
354   tsu_render;
355 endtsuglyph;
356
357 % ken/kashiko "wisdom"
358 begintsuglyph("uni8CE2";226); [see page 4100]
359   kanji.greight.wisdom;
360   tsu_render;
361 endtsuglyph;
362
363 % bai/uru "sell out"
364 begintsuglyph("uni8CE3";227); [see page 1031]
365   kanji.grten.sell_out;
366   tsu_render;
367 endtsuglyph;
368
369 % shitsu/tachi "quality"
370 begintsuglyph("uni8CEA";234); [see page 799]
371   kanji.grfive.quality;
372   tsu_render;
373 endtsuglyph;
374
375 % kou "subscribe"
376 begintsuglyph("uni8CFC";252); [see page 4099]
377   kanji.greight.subscribe;
378   tsu_render;
379 endtsuglyph;
380
381 _____
382
383 endfont;
384
385 _____

```

tsuku-8d.mp

8D

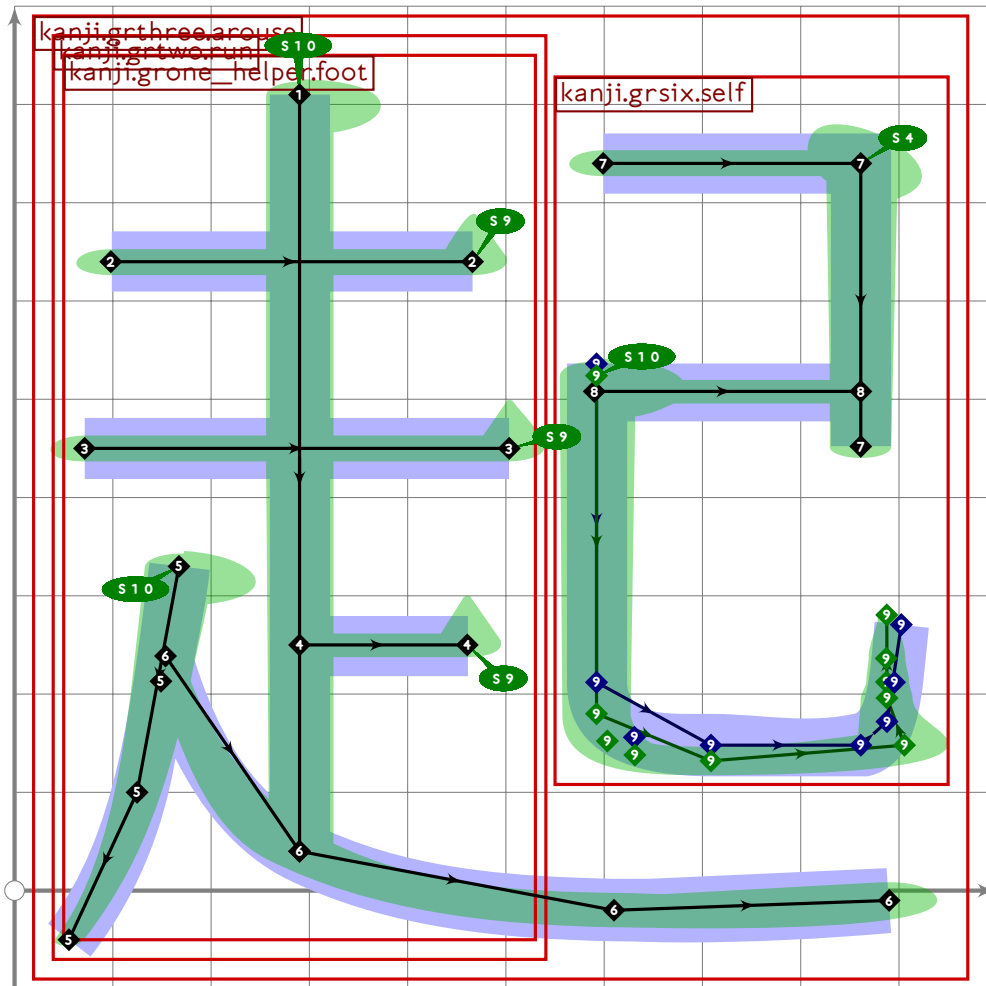
```
1 %
2 % Unicode page 8D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```

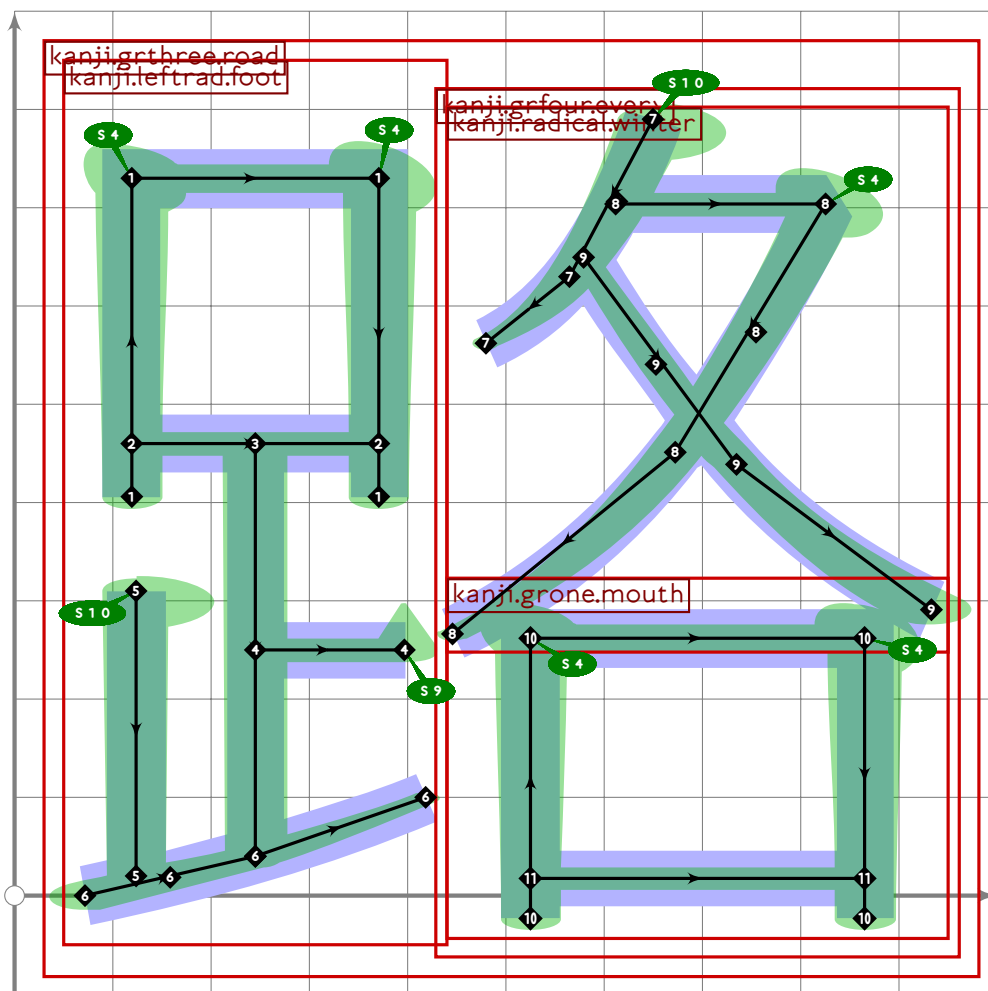


8D

```

47
48 vardef kanji.grthree.arouse =
49   push_pbox__toexpand("kanji.grthree.arouse");
50   build_kanji.level(build_kanji.lr(540,-20)
51     (kanji.grtwo.run)
52     (build_kanji.sscale(yscaled 0.8 shifted (0,70))(kanji.grsix.self)));
53   replace_strokep(-3)((subpath (0,1) of oldp)..(610,-20)..(890,-10));
54   replace_strokeq(-3)(insert_nodes(oldq)(1.5));
55   expand_pbox;
56 enddef;

```



```

57
58 vardef kanji.grthree.road =
59   push_pbox_toexpand("kanji.grthree.road");
60   build_kanji.level(build_kanji.lr(440,0)
61     (kanji.leftrad.foot)
62     (build_kanji.sscale(yscaled 0.94 shifted (0,20))(kanji.grfour.every)));
63   expand_pbox;
64 enddef;
65
66
67
68 % aka/seki "red"
69 beginsuglyph("uni8D64";100);
70 kanji.grone.red;
71 tsu_render;
72 endtsuglyph;
73
74 % sou/hasi "run"
75 beginsuglyph("uni8D70";112);
76 kanji.grtwo.run;
77 tsu_render;

```

[see page 470]

[see page 568]

```

78 endtsuglyph;
79
80 % ki/o "arouse"
81 begintsuglyph("uni8D77";119); [see page 4107]
82   kanji.grthree.arouse;
83   tsu_render;
84 endtsuglyph;
85
86 % ashi/soku "foot"
87 begintsuglyph("uni8DB3";179); [see page 443]
88   kanji.grone.foot;
89   tsu_render;
90 endtsuglyph;
91
92 % ro/michi "road"
93 begintsuglyph("uni8DEF";239); [see page 4108]
94   kanji.grthree.road;
95   tsu_render;
96 endtsuglyph;
97
98 _____
99
100 endfont;
101
102 _____

```

tsuku-8e.mp

8E

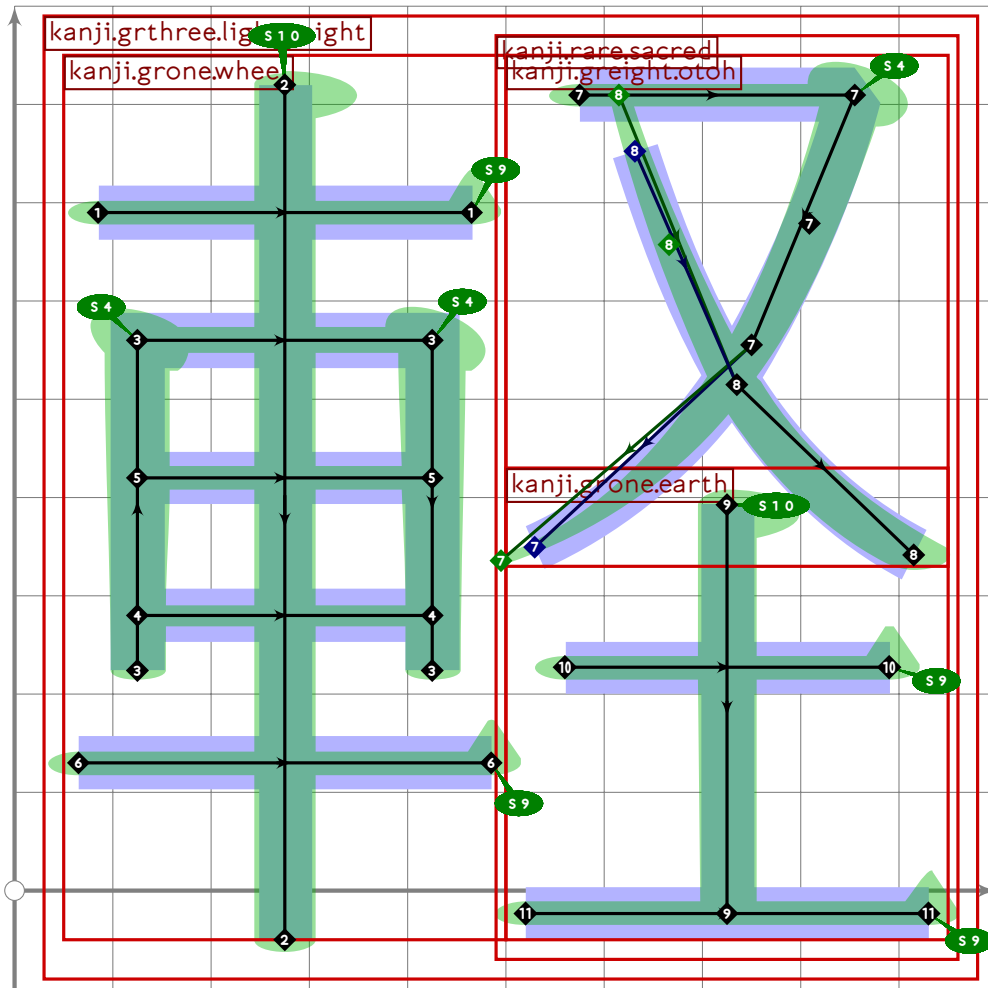
```
1 %
2 % Unicode page 8E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



8E

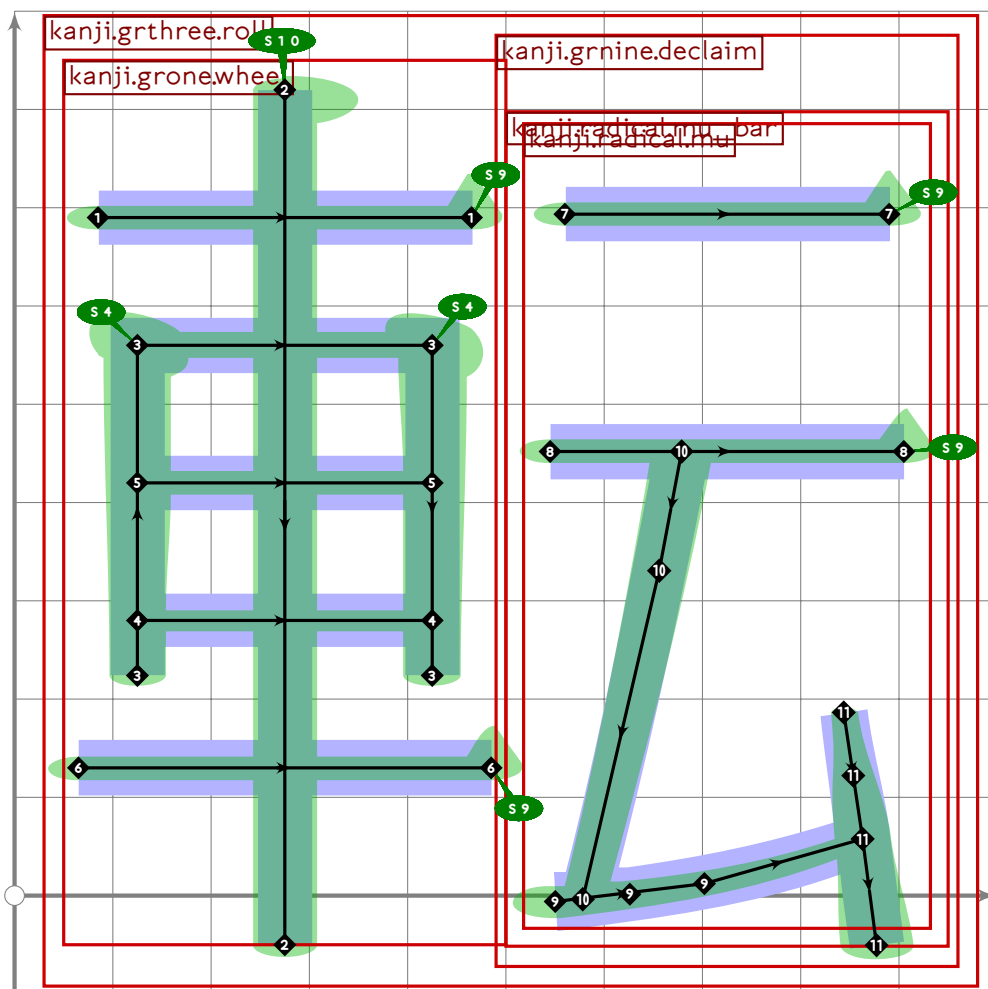
```

48
49 vardef kanji.grthree.lightweight =
50   push_pbox_toexpand("kanji.grthree.lightweight");
51   build_kanji.level(build_kanji.lr(500,00)
52     (kanji.grone.wheel)
53     (kanji.rare.sacred));
54   expand_pbox;
55 enddef;

```

U+8EE2
tsuku.uni8EE2

8E



```

56
57 vardef kanji.grthree.roll =
58   push_pbox_toexpand("kanji.grthree.roll");
59   build_kanji.level(build_kanji.lr(500,00)
60     (kanji.grone.wheel)
61     (tsu_xform(identity yscaled 1.03)(kanji.grnine.declaim)));
62   expand_pbox;
63 enddef;

```

64

65

66

```

67 % shin/mi "body"
68 begintsuglyph("uni8EAB";171);
69 kanji.grthree.body;
70 tsu_render;
71 endtsuglyph;

```

[see page 607]

72

```

73 % kuruma "car/wheel"
74 begintsuglyph("uni8ECA";202);
75 kanji.grone.wheel;
76 tsu_render;

```

[see page 489]


```

77 endtsuglyph;
78
79 % gun/ikusa "army"
80 begintsuglyph("uni8ECD";205); [see page 685]
81   kanji.grfour.army;
82   tsu_render;
83 endtsuglyph;
84
85 % ten/koro "roll"
86 begintsuglyph("uni8EE2";226); [see page 4112]
87   kanji.grthree.roll;
88   tsu_render;
89 endtsuglyph;
90
91 % kei/karu "lightweight"
92 begintsuglyph("uni8EFD";253); [see page 4111]
93   kanji.grthree.lightweight;
94   tsu_render;
95 endtsuglyph;
96
97 _____
98
99 endfont;
100
101 _____

```

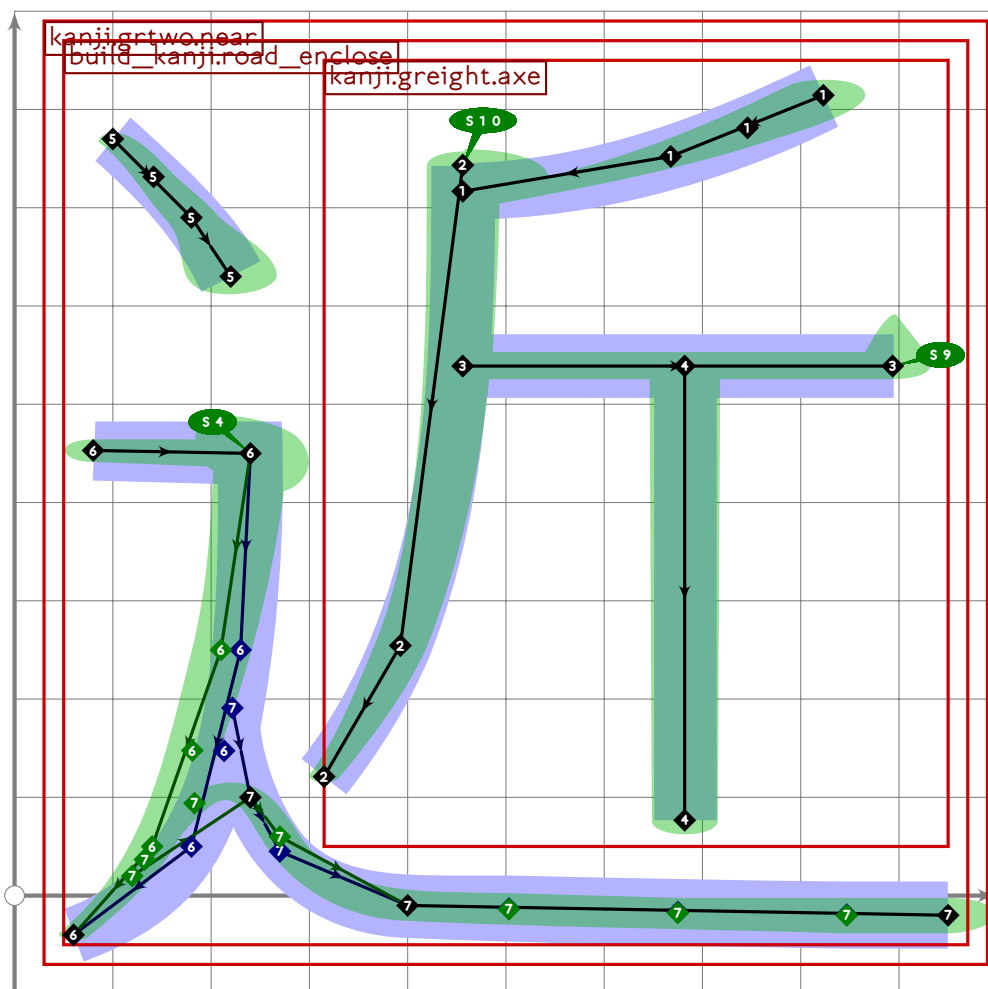
```
1 %
2 % Unicode page 8F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



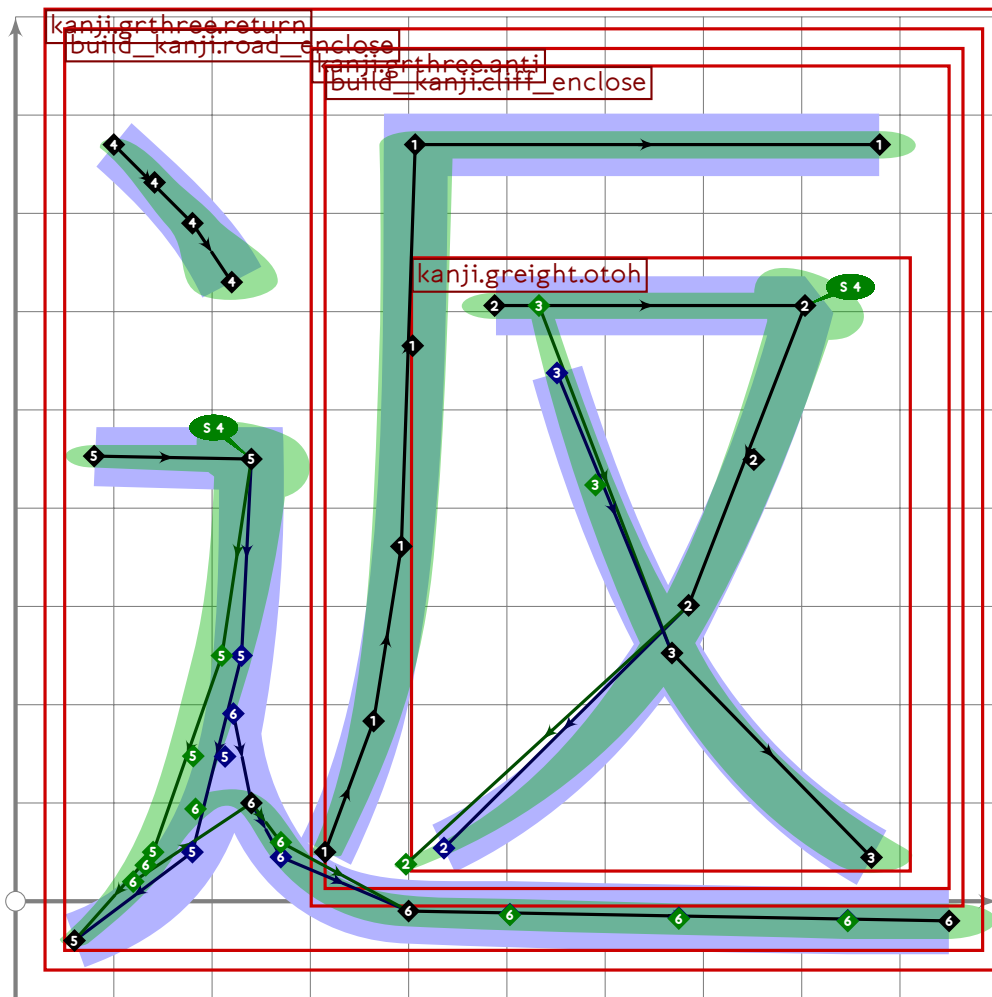
8F

```

54
55 vardef kanji.grtwo.near =
56   push_pbox_toexpand("kanji.grtwo.near");
57   build_kanji.road_enclose(kanji.greight.axe);
58   expand_pbox;
59 enddef;
60
61
```

U+8FD4
tsuku.uni8FD4

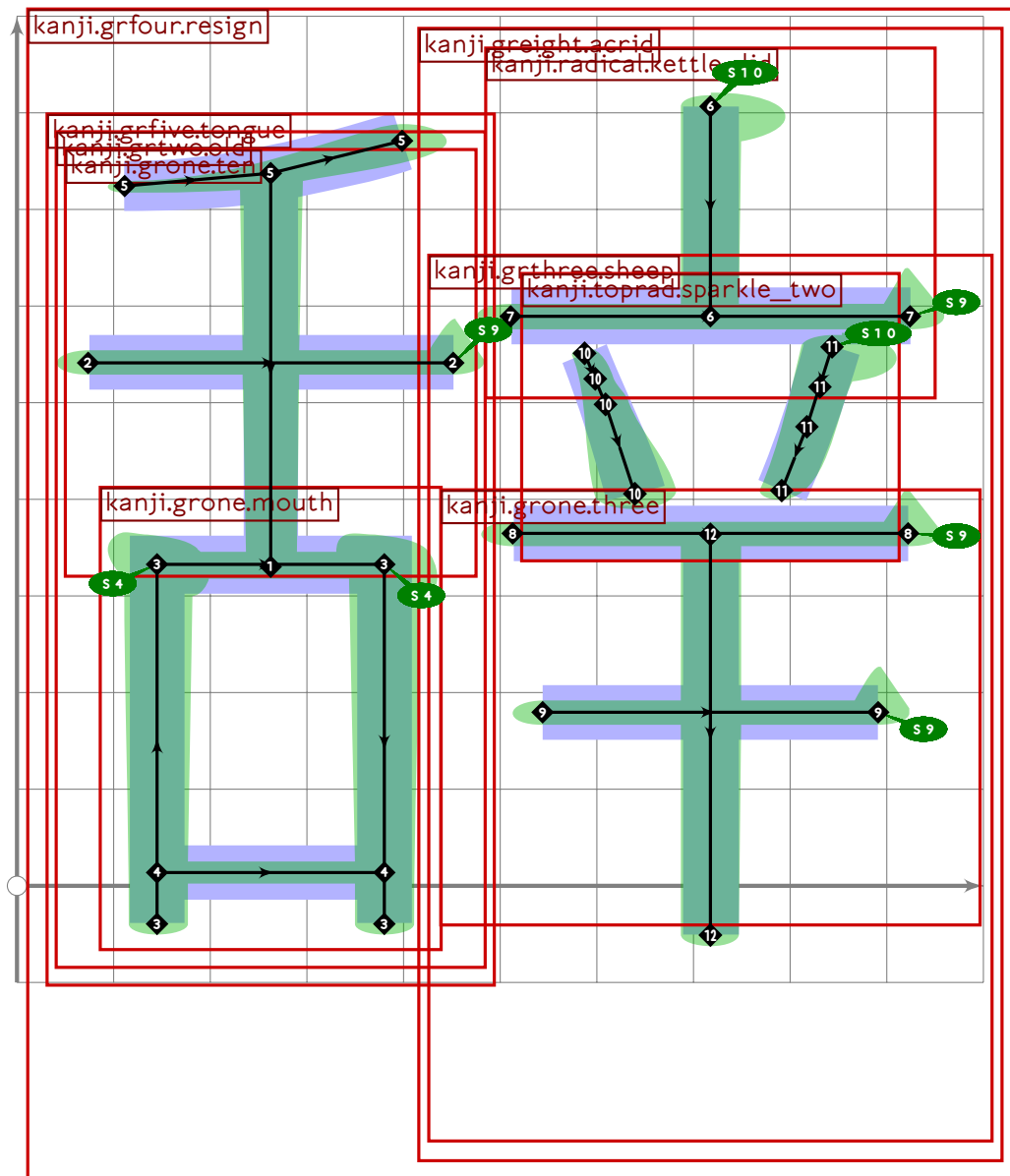
8F



```

62
63 vardef kanji.grthree.return =
64   push_pbox_toexpand("kanji.grthree.return");
65   build_kanji.road_enclose(kanji.grthree.anti);
66   expand_pbox;
67 enddef;
68
69

```



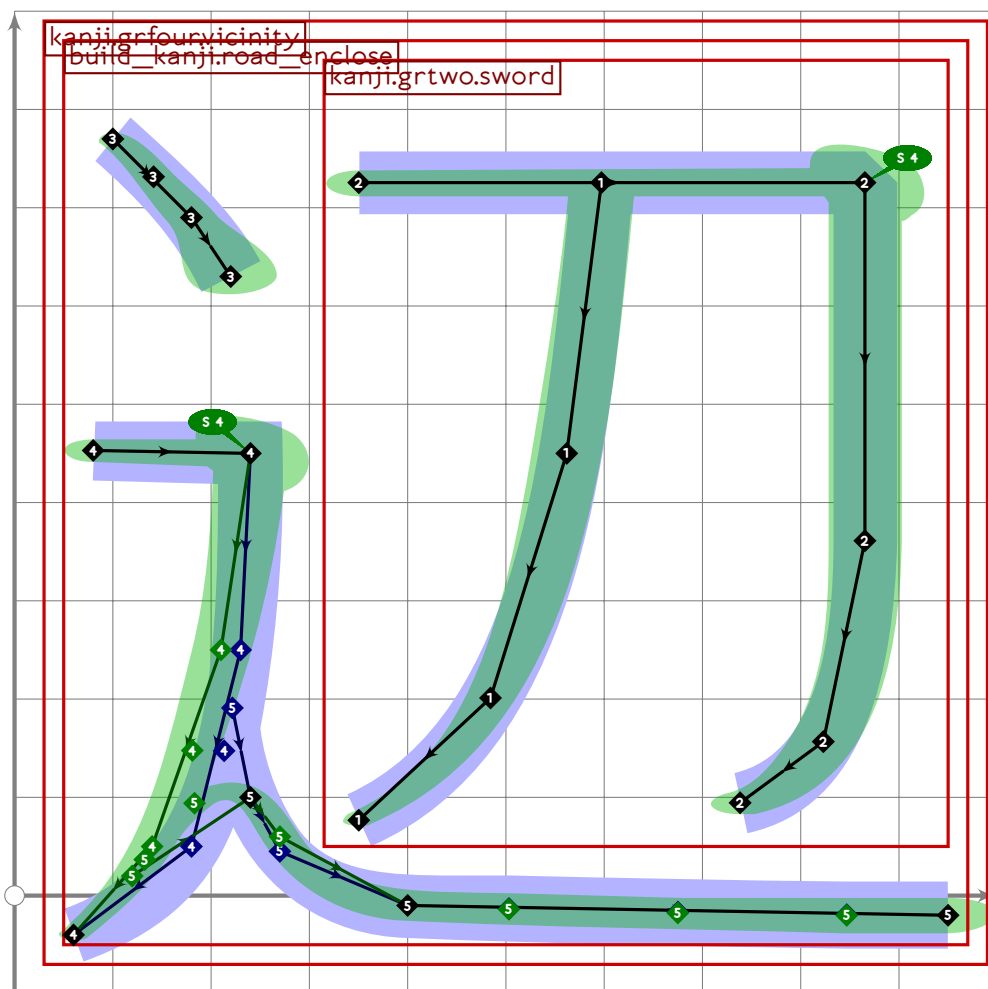
```

70
71 vardef kanji.grfour.resign =
72   push_pbox_toexpand("kanji.grfour.resign");
73   build_kanji.level(build_kanji.lr(480;10)
74     (tsu_xform(identity yscaled 0.92 shifted (0;20))(kanji.grfive.tongue))
75     (tsu_xform(identity yscaled 1.02 shifted (0,0))(kanji.grthree.sheep)));
76   expand_pbox;
77 enddef;

```

U+8FBA
tsuku.uni8FBA

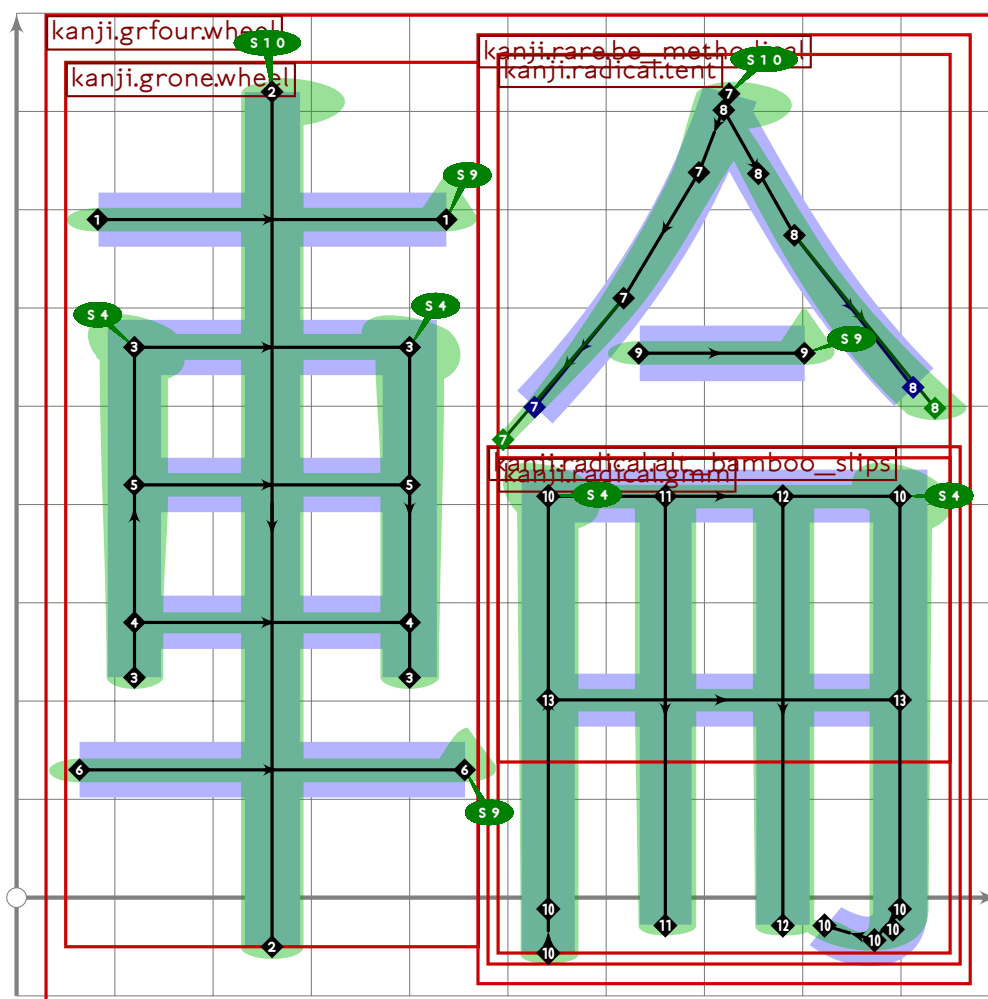
8F



```

78
79 vardef kanji.grfourvicinity =
80   push_pbox_toexpand("kanji.grfourvicinity");
81   build_kanji.road_enclose(kanji.grtwo.sword);
82   expand_pbox;
83 enddef;

```



8F

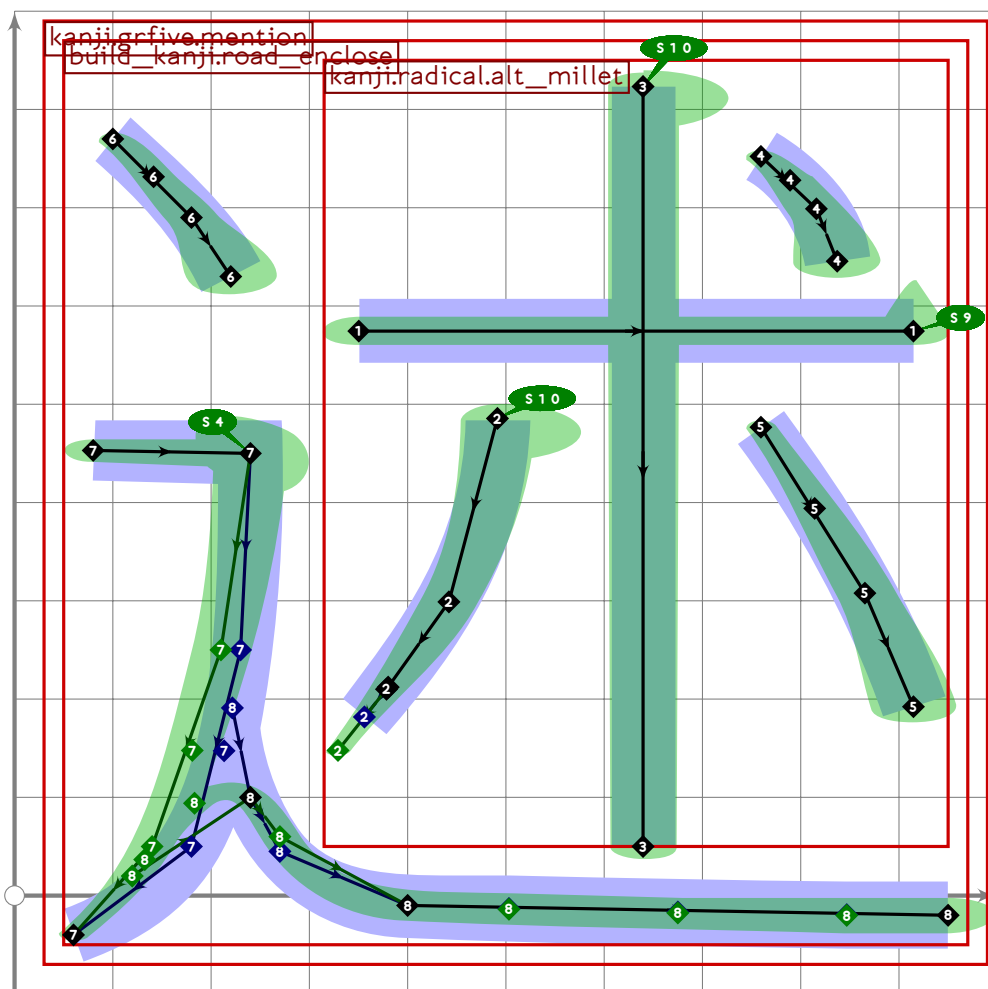
```

84
85 vardef kanji.grfour.wheel =
86   push_pbox_toexpand("kanji.grfour.wheel");
87   build_kanji.level(build_kanji.lr(480;20)
88     (kanji.grone.wheel)
89     (kanji.rare.be_methodical));
90   expand_pbox;
91 enddef;
92
93

```

U+8FF0
tsuku.uni8FF0

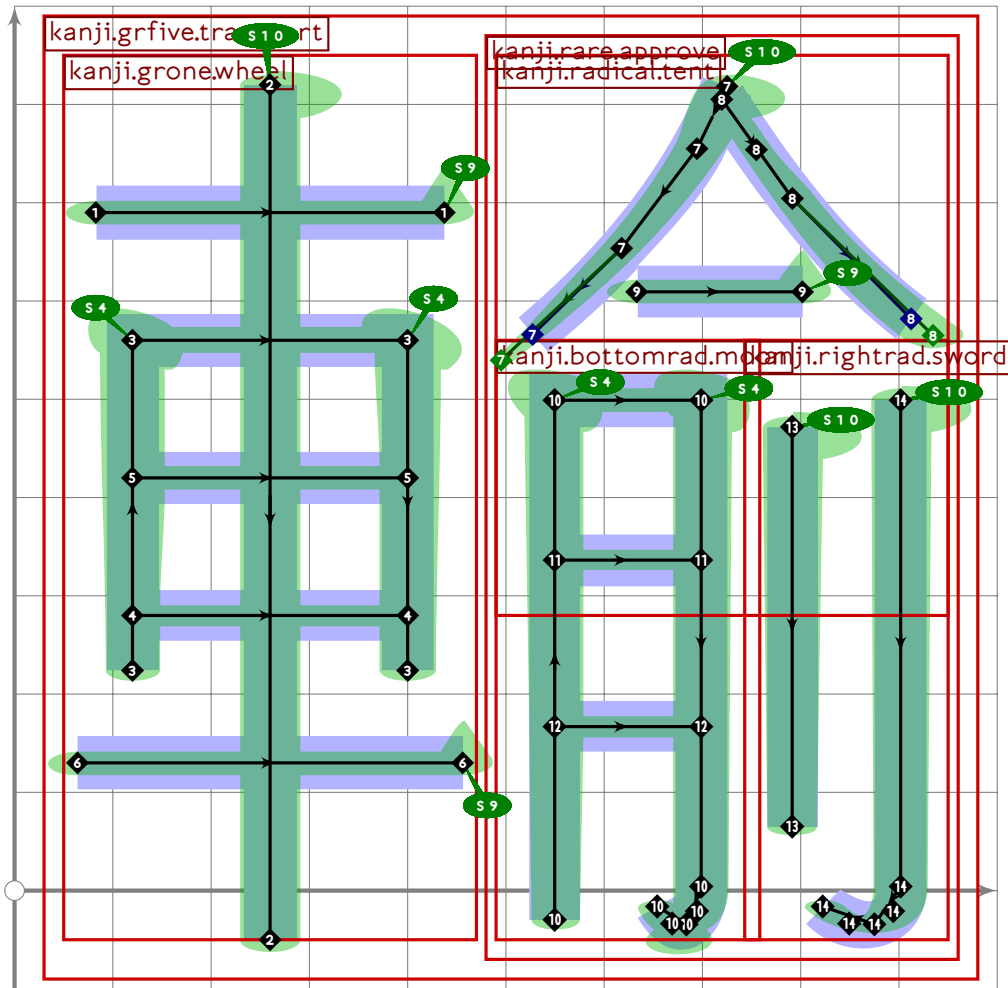
8F



```

94
95 vardef kanji.grfive.mention =
96   push_pbox_toexpand("kanji.grfive.mention");
97   build_kanji.road_enclose(kanji.radical.alt_millet);
98   expand_pbox;
99 enddef;

```

8F

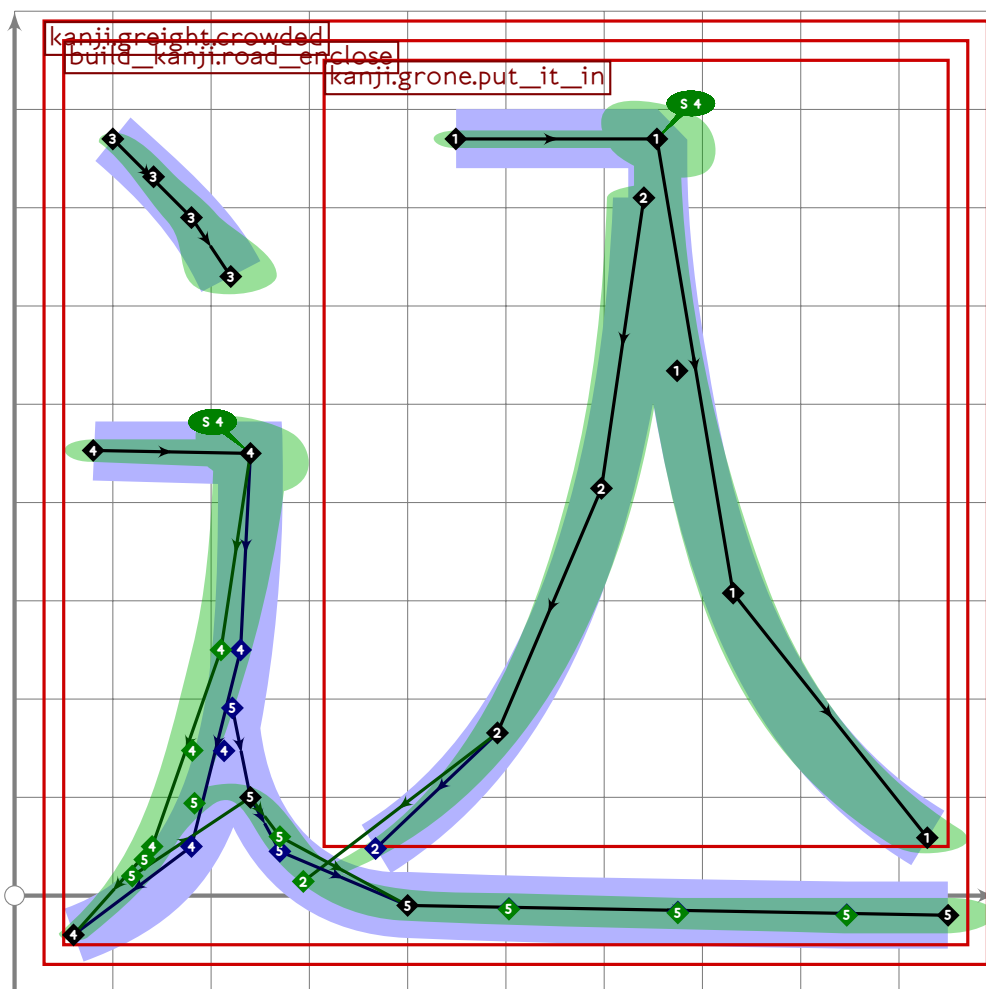
```

100
101 vardef kanji.grfive.transport =
102   push_pbox_toexpand("kanji.grfive.transport");
103   build_kanji.level(build_kanji.lr(480;20)
104     (kanji.grone.wheel)
105     (kanji.rare.approve));
106   expand_pbox;
107 enddef;
108
109

```

U+8FBC
tsuku.uni8FBC

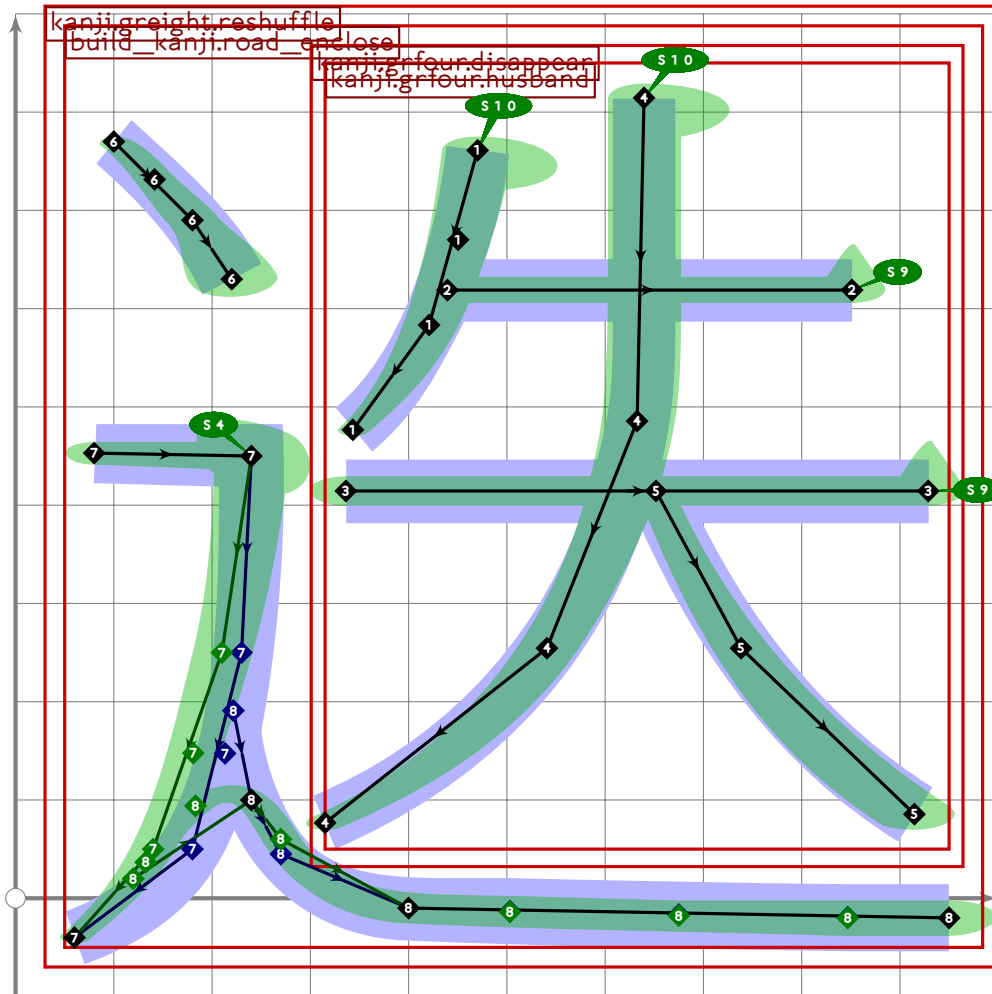
8F



```

110
111 vardef kanji.greight.crowded =
112   push_pbox_toexpand("kanji.greight.crowded");
113   build_kanji.road_enclose(kanji.grone.put_it_in);
114   expand_pbox;
115 enddef;

```



8F

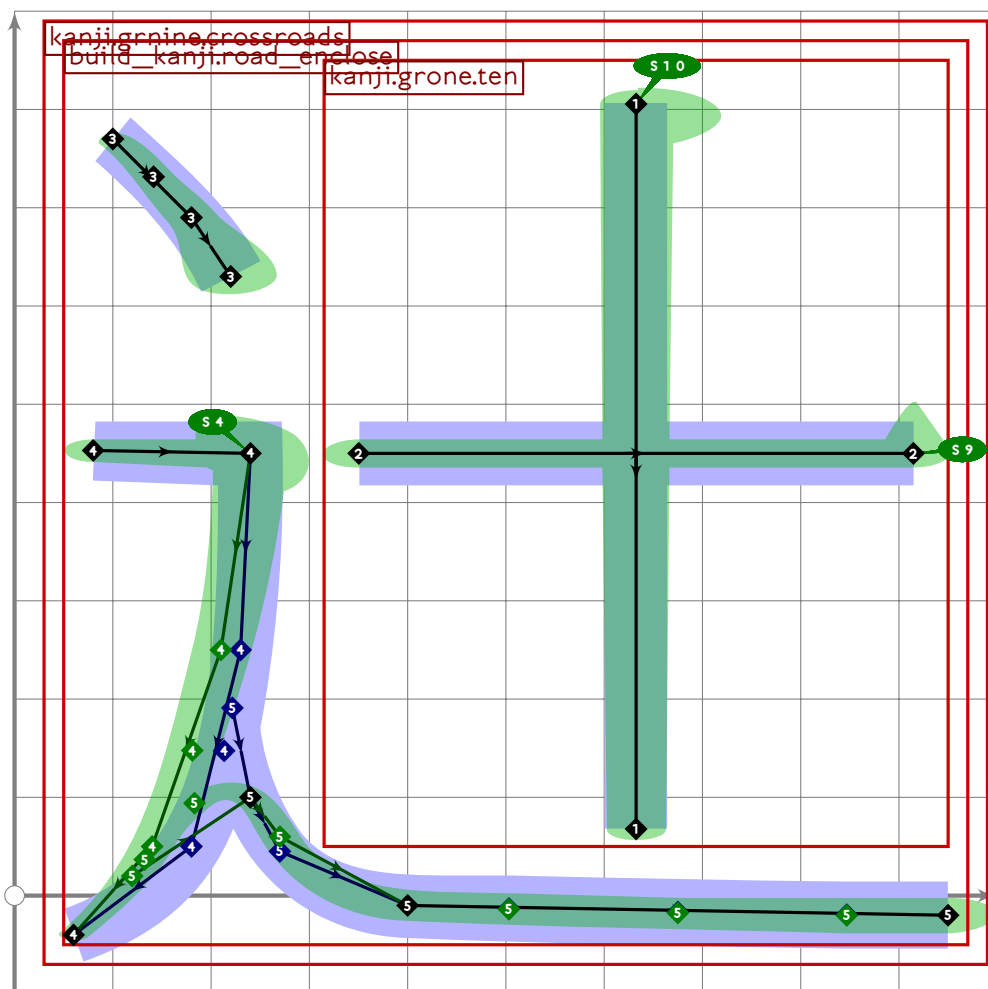
```

116
117 vardef kanji.greight.reshuffle =
118   push_pbox_toexpand("kanji.greight.reshuffle");
119   build_kanji.road_enclose(kanji.grfour.disappear);
120   expand_pbox;
121 enddef;
122
123

```

U+8FBB
tsuku.uni8FBB

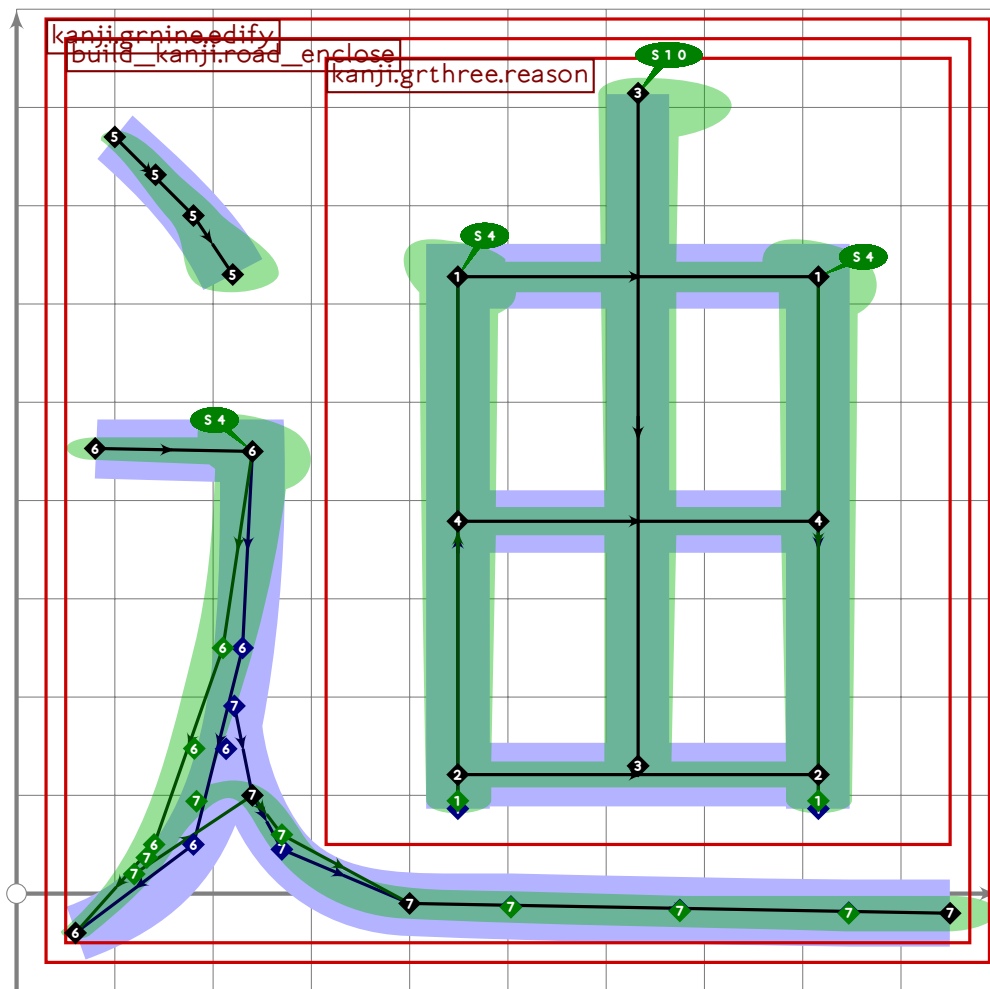
8F



```

124
125 vardef kanji.grnine.crossroads =
126   push_pbox_toexpand("kanji.grnine.crossroads");
127   build_kanji.road_enclose(kanji.grone.ten);
128   expand_pbox;
129 enddef;

```



8F

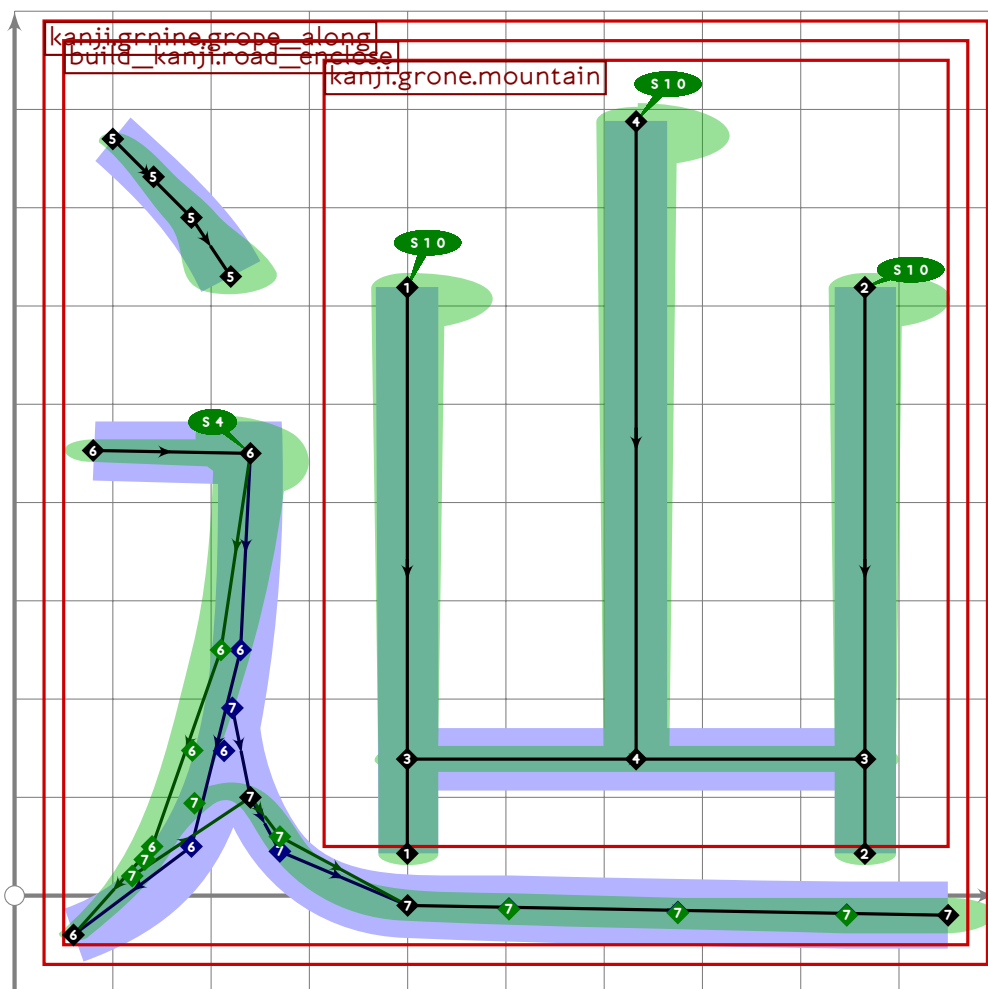
```

130
131 vardef kanji.grnine.edify =
132   push_pbox_toexpand("kanji.grnine.edify");
133   build_kanji.road_enclose(kanji.grthree.reason);
134   expand_pbox;
135 enddef;

```

U+8FBF
tsuku.uni8FBF

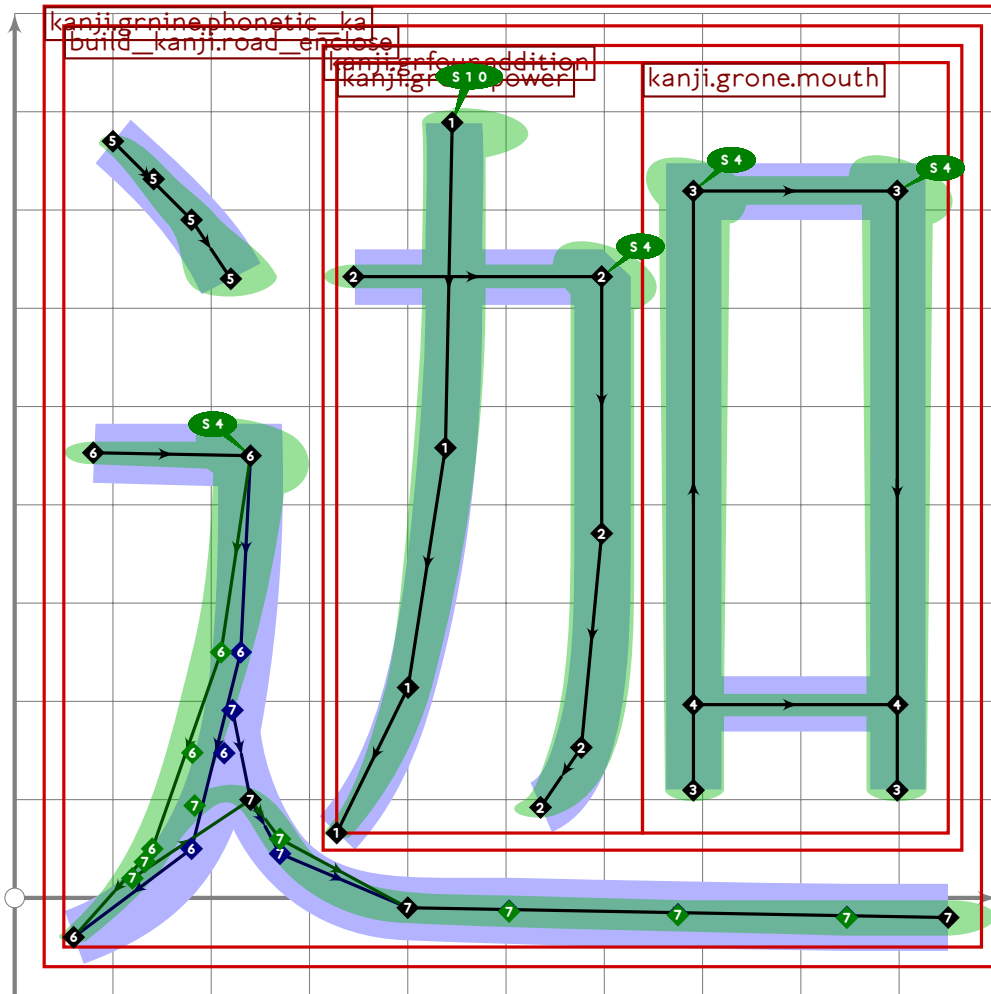
8F



```

136
137 vardef kanji.grnine.grope_along =
138   push_pbox_toexpand("kanji.grnine.grope_along");
139   build_kanji.road_enclose(kanji.grnine.mountain);
140   expand_pbox;
141 enddef;

```



```

142
143 vardef kanji.grnine.phonetic_ka =
144   push_pbox_toexpand("kanji.grnine.phonetic_ka");
145   build_kanji.road_enclose(tsu_xform(identity shifted (-950;850)
146     scaled 0.98 shifted (950;850))
147     (kanji.grfour.addition));
148   expand_pbox;
149 enddef;
150
151
152
153 % rin/wa "wheel"
154 begintsuglyph("uni8F2A";42);
155   kanji.grfour.wheel;
156   tsu_render;
157 endtsuglyph;
158
159 % yu "transport"
160 begintsuglyph("uni8F38";56);
161   kanji.grfive.transport;
162   tsu_render;

```

[see page 4119]

[see page 4121]

```

163 endtsuglyph;
164
165 % shin/kara "acrid"
166 begintsuglyph("uni8F9B";155); [see page 918]
167   kanji.greight.acrid;
168   tsu__render;
169 endtsuglyph;
170
171 % ji/ya "resign" or "dictionary"
172 begintsuglyph("uni8F9E";158); [see page 4117]
173   kanji.grfour.resign;
174   tsu__render;
175 endtsuglyph;
176
177 % heki/kimu "punish"
178 begintsuglyph("uni8F9F";159); [see page 1087]
179   kanji.rare.punish;
180   tsu__render;
181 endtsuglyph;
182
183 % shin/tatsu "zodiac sign of the dragon"
184 begintsuglyph("uni8FB0";176); [see page 998]
185   kanji.grnine.dragon__sign;
186   tsu__render;
187 endtsuglyph;
188
189 % nou/na "farming"
190 begintsuglyph("uni8FB2";178); [see page 631]
191   kanji.grthree.farming;
192   tsu__render;
193 endtsuglyph;
194
195 % hen/ata "vicinity"
196 begintsuglyph("uni8FBA";186); [see page 4118]
197   kanji.grfour.vicinity;
198   tsu__render;
199 endtsuglyph;
200
201 % tsuji "crossroads"
202 begintsuglyph("uni8FBB";187); [see page 4124]
203   kanji.grnine.crossroads;
204   tsu__render;
205 endtsuglyph;
206
207 % ko "crowded"
208 begintsuglyph("uni8FBC";188); [see page 4122]
209   kanji.greight.crowded;
210   tsu__render;

```


211 endtsuglyph;
 212
 213 % ten/tado "grope along"
 214 begintsuglyph("uni8FBF";191); [see page 4126]
 215 kanji.grnine.grope_along;
 216 tsu__render;
 217 endtsuglyph;
 218
 219 % kin/chika "near"
 220 begintsuglyph("uni8FD1";209); [see page 4115]
 221 kanji.grtwo.near;
 222 tsu__render;
 223 endtsuglyph;
 224
 225 % hen/kae "return"
 226 begintsuglyph("uni8FD4";212); [see page 4116]
 227 kanji.grthree.return;
 228 tsu__render;
 229 endtsuglyph;
 230
 231 % ka "phoneme only"
 232 begintsuglyph("uni8FE6";230); [see page 4127]
 233 kanji.grnine.phonetic_ka;
 234 tsu__render;
 235 endtsuglyph;
 236
 237 % teki/michi "edify"
 238 begintsuglyph("uni8FEA";234); [see page 4125]
 239 kanji.grnine.edify;
 240 tsu__render;
 241 endtsuglyph;
 242
 243 % tetsu "reshuffle"
 244 begintsuglyph("uni8FED";237); [see page 4123]
 245 kanji.greight.reshuffle;
 246 tsu__render;
 247 endtsuglyph;
 248
 249 % jutsu/no "mention"
 250 begintsuglyph("uni8FF0";240); [see page 4120]
 251 kanji.grfive.mention;
 252 tsu__render;
 253 endtsuglyph;
 254
 255 % mei/mayo "hesitate"
 256 begintsuglyph("uni8FF7";247); [see page 783]
 257 kanji.grfive.hesitate;
 258 tsu__render;

```
259 endtsuglyph;
260
261 % tsui/o "pursue"
262 begintsuglyph("uni8FFD";253); [see page 663]
263   kanji.grthree.pursue;
264   tsu__render;
265 endtsuglyph;
266
267 _____
268
269 endfont;
270
271 _____
```

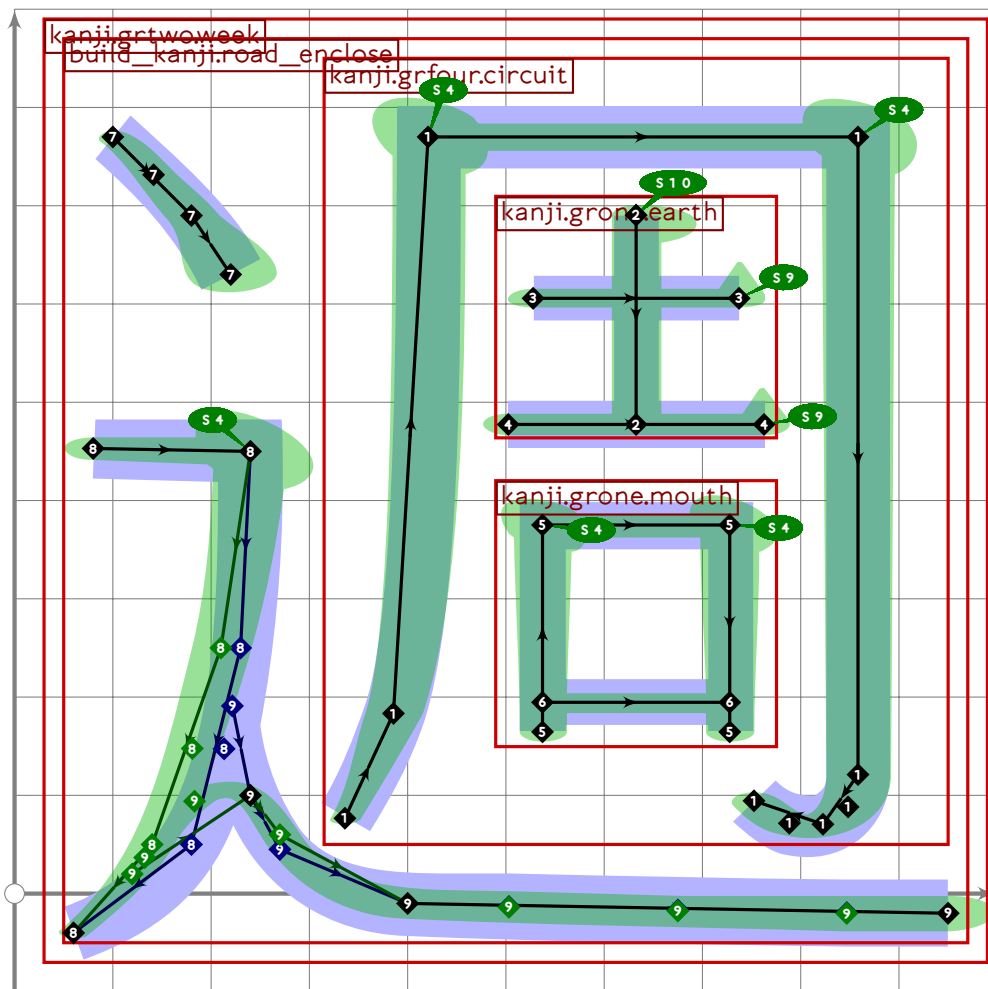
```
1 %
2 % Unicode page 90 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018,
4 % 2021 Matthew Skala
5 %
6-30 [Standard copyright notice]
31
32 

---


33
34 beginfont
35
36 % AUTODEPS
37 input bkencl.mp;
38 input bottomrad.mp;
39 input buildkanji.mp;
40 input gradeeight.mp;
41 input gradefive.mp;
42 input gradefour.mp;
43 input gradenine.mp;
44 input gradeone.mp;
45 input gradesix.mp;
46 input gradethree.mp;
47 input gradetwo.mp;
48 input leftrad.mp;
49 input radical.mp;
50 input rare.mp;
51 input rightrad.mp;
52 input toprad.mp;
53
54 do_late_includes;
55
56 

---

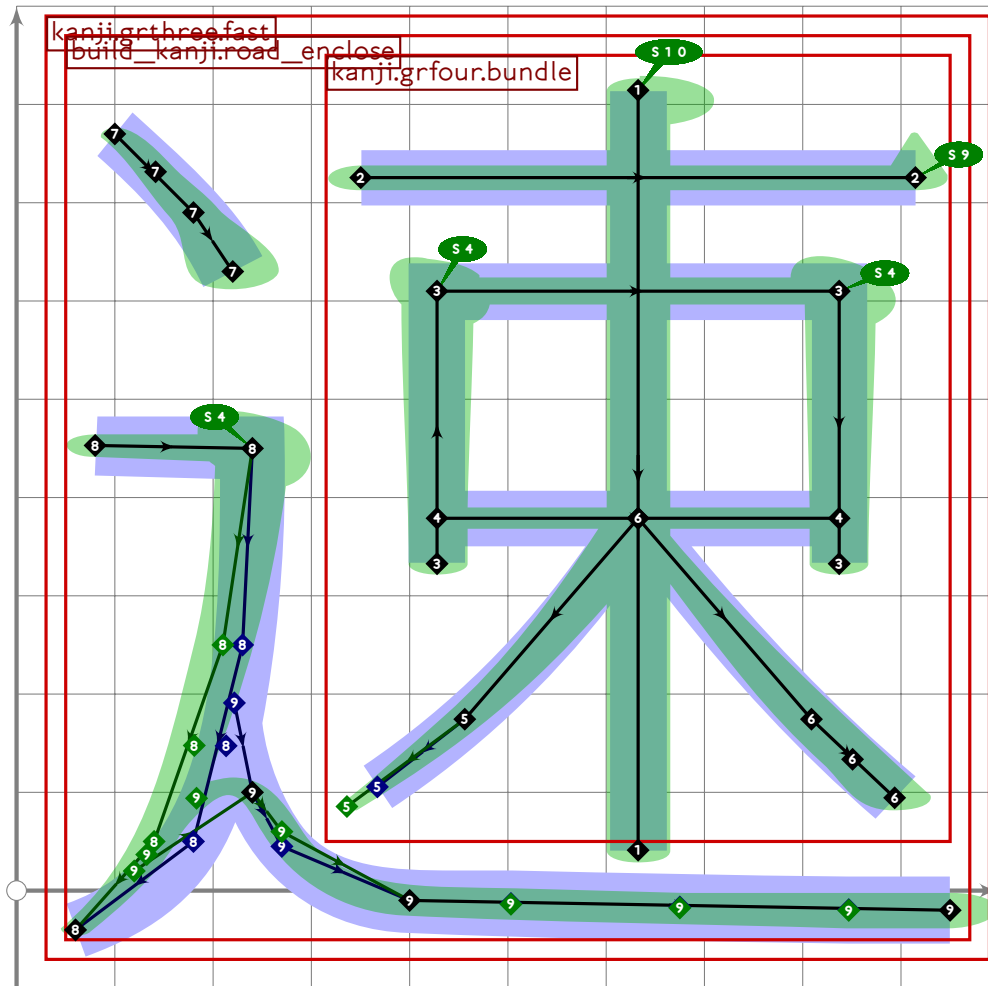

```



```

57
58 vardef kanji.grtwoweeek =
59   push_pbox_toexpand("kanji.grtwoweeek");
60   build_kanji.road_enclose(kanji.grfour.circuit);
61   expand_pbox;
62 enddef;
63
64

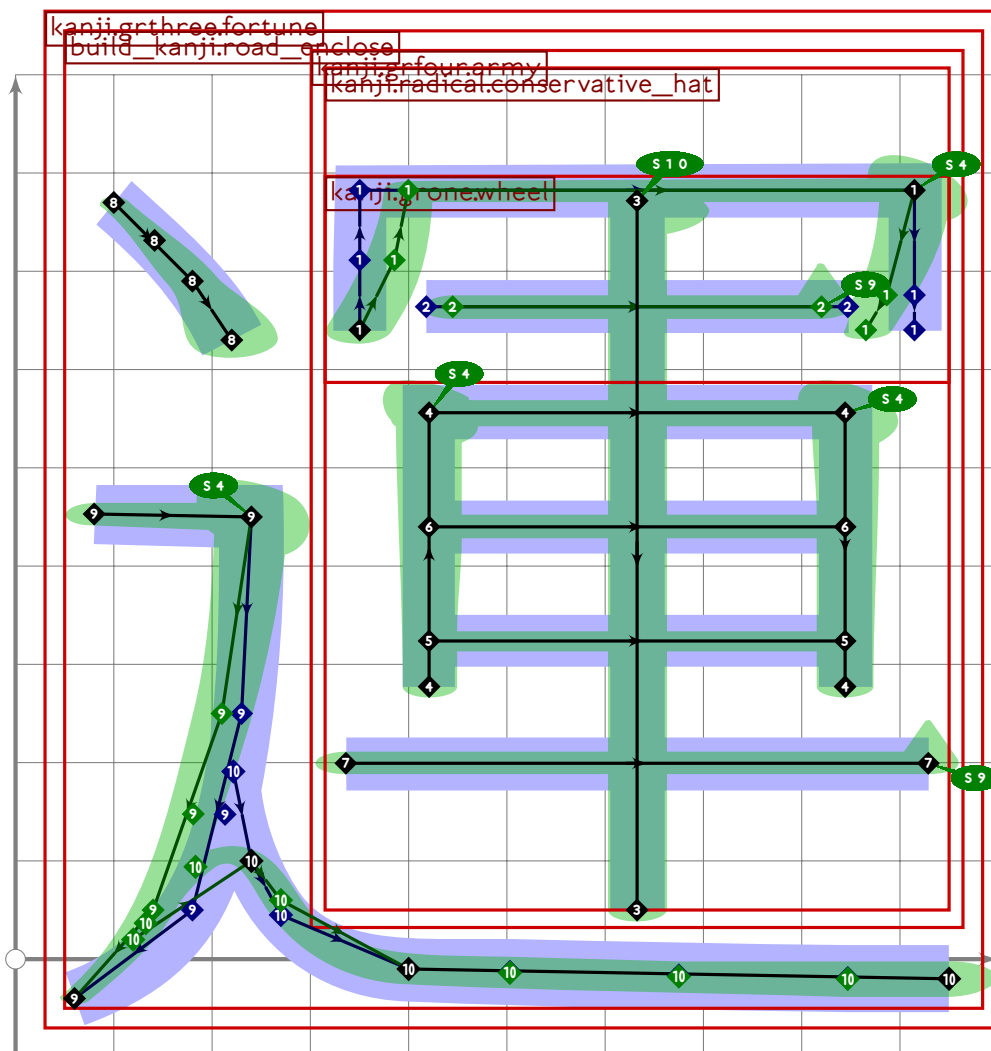
```



```

65
66 vardef kanji.grthree.fast =
67   push_pbox_toexpand("kanji.grthree.fast");
68   build_kanji.road_enclose(kanji.grfour.bundle);
69   expand_pbox;
70 enddef;

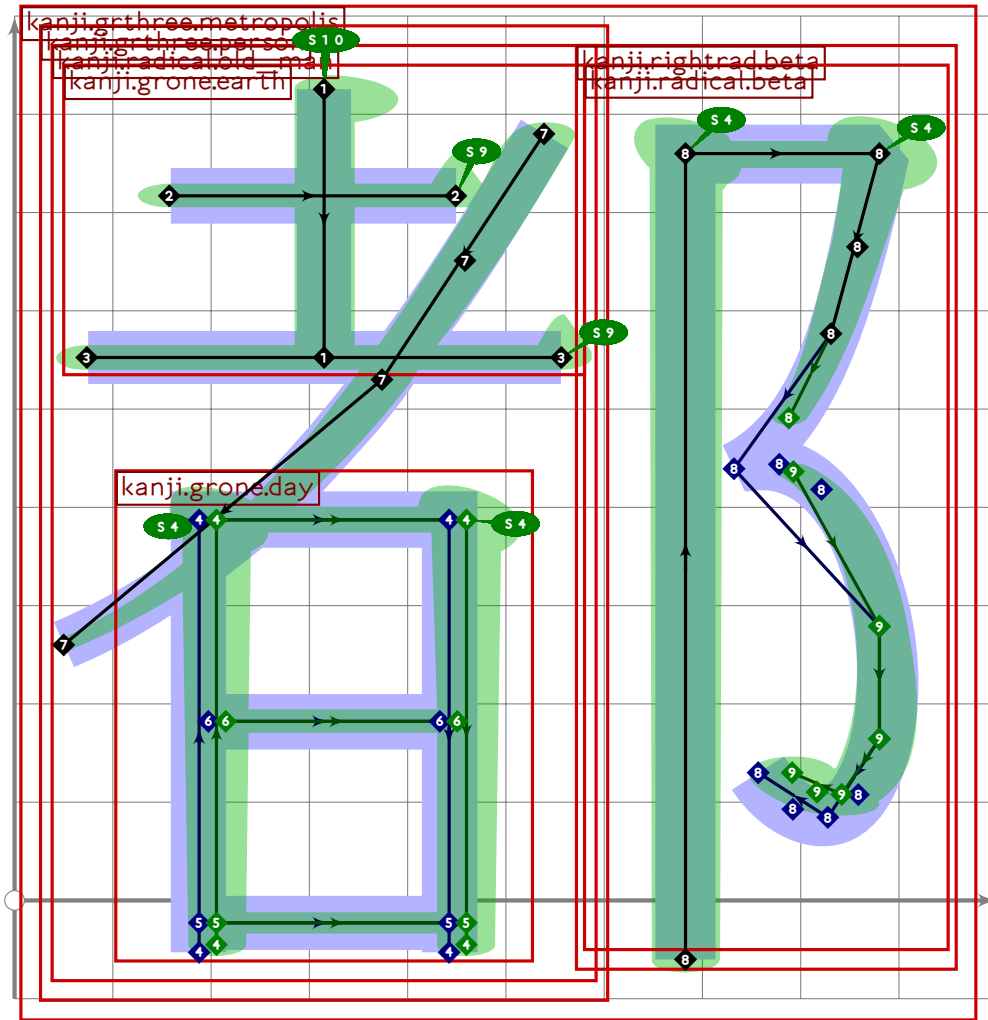
```



```

71
72 vardef kanji.grthree.fortune =
73   push_pbox_toexpand("kanji.grthree.fortune");
74   build_kanji.road_enclose(kanji.grfour.army);
75   expand_pbox;
76 enddef;

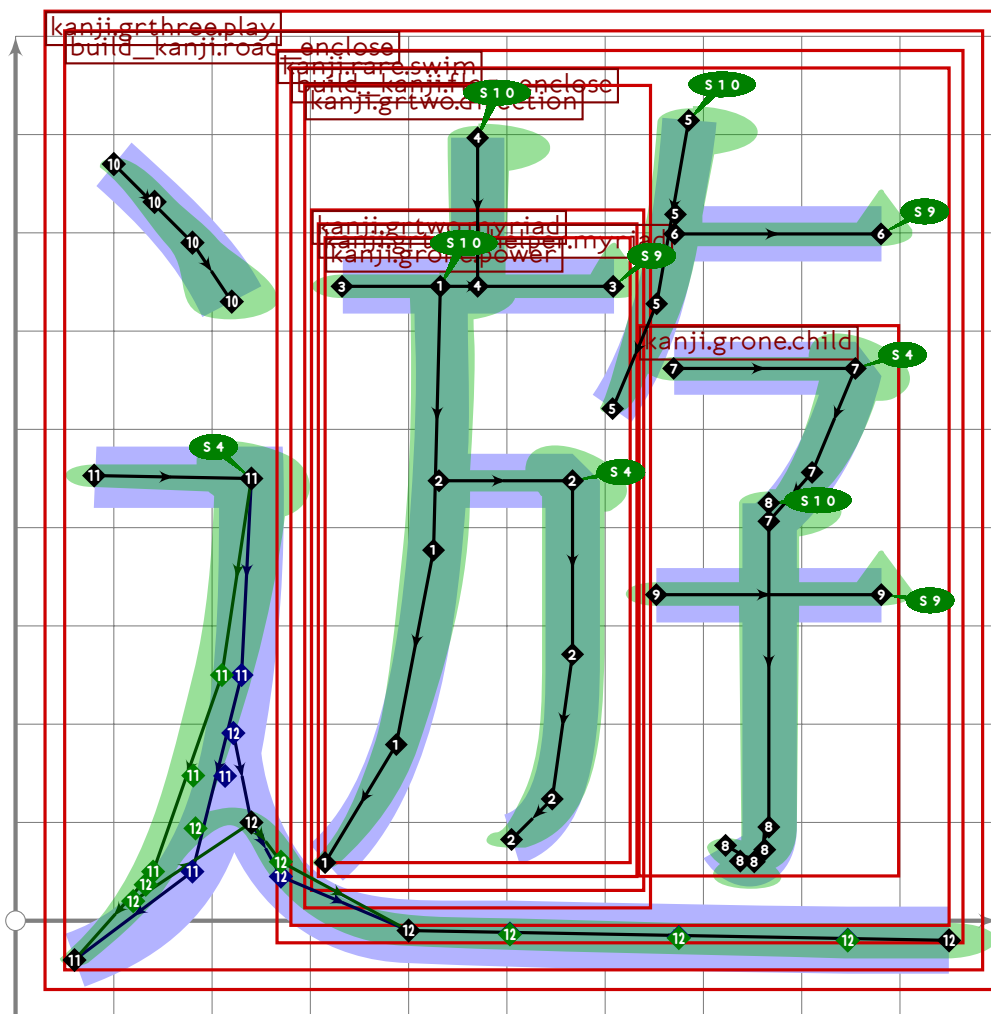
```



```

77
78 vardef kanji.grthree.metropolis =
79   push_pbox_toexpand("kanji.grthree.metropolis");
80   build_kanji.lr(580,0)
81     (kanji.grthree.person)
82     (kanji.rightrad.beta);
83   expand_pbox;
84 enddef;

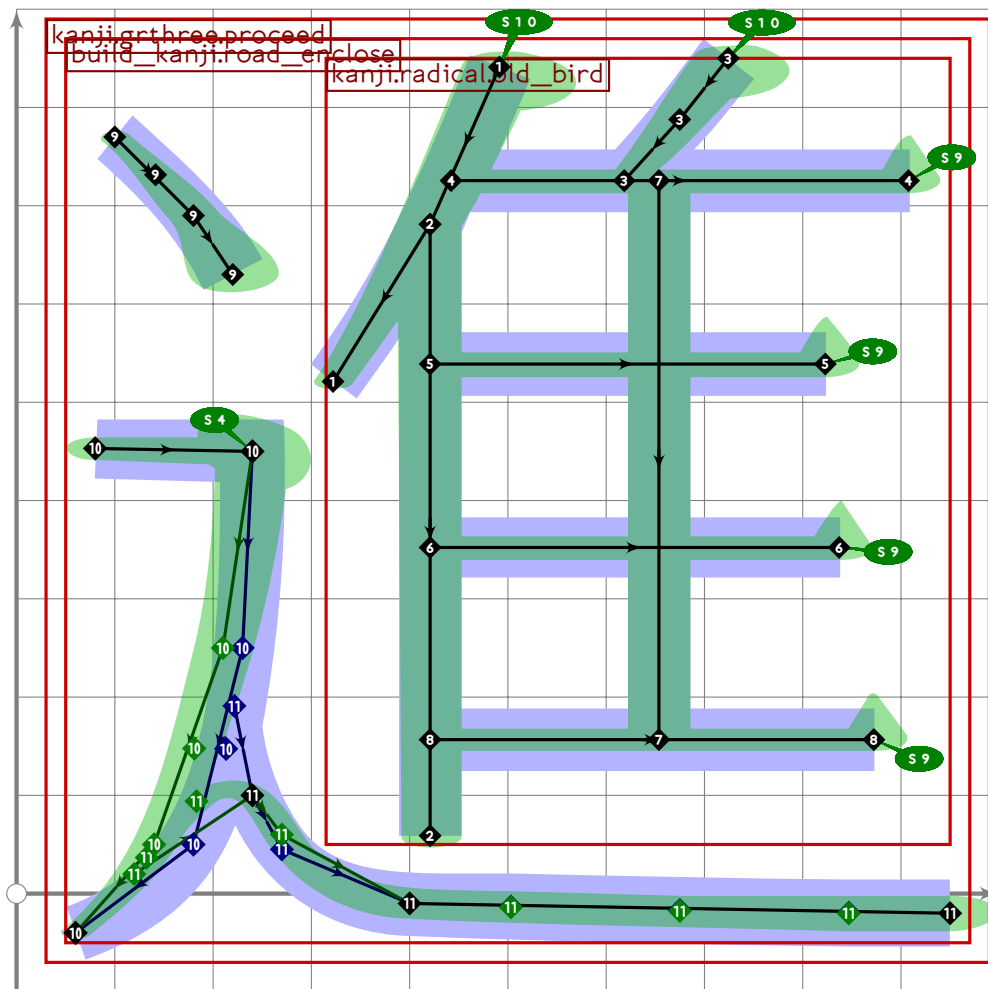
```



```

85
86 vardef kanji.grthree.play =
87   push_pbox_toexpand("kanji.grthree.play");
88   build_kanji.road_enclose(kanji.rare.swim);
89   expand_pbox;
90 enddef;

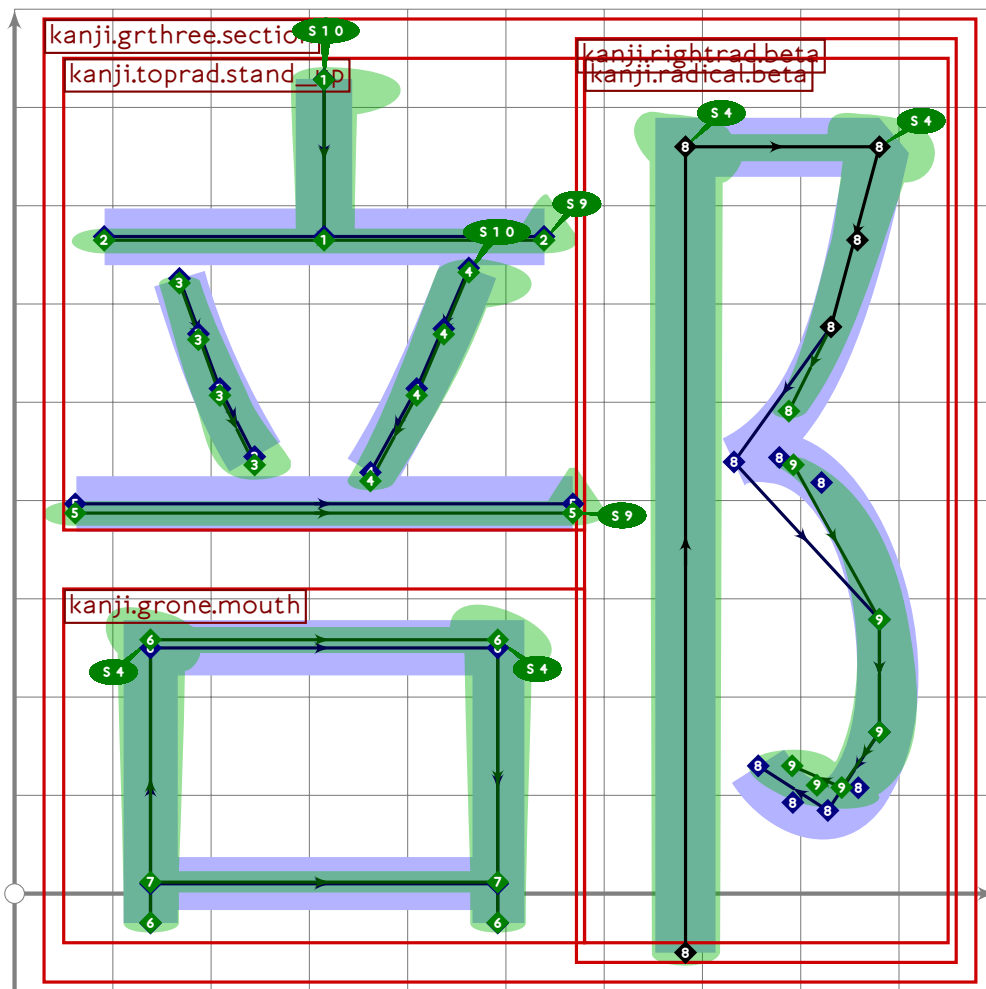
```

```

91
92 vardef kanji.grthree.proceed =
93   push_pbox_toexpand("kanji.grthree.proceed");
94   build_kanji.road_enclose(kanji.radical.old_bird);
95   expand_pbox;
96 enddef;

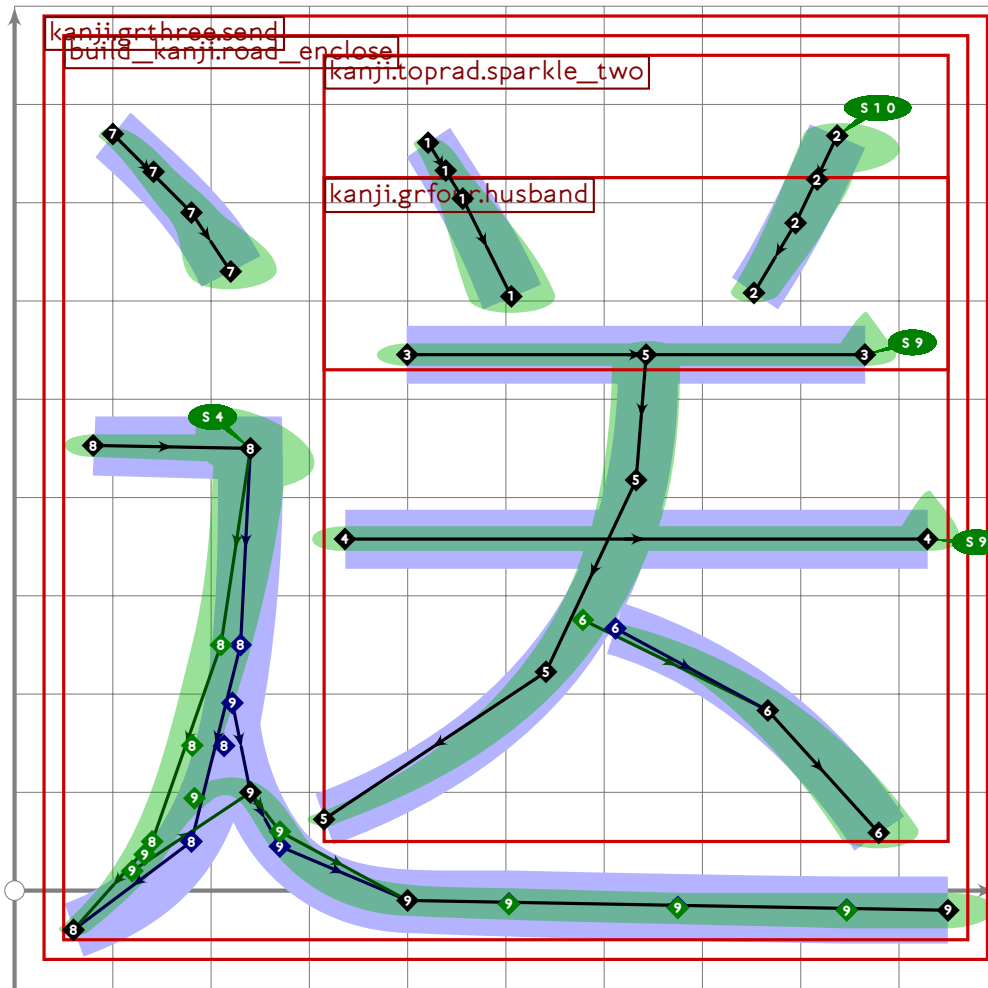
```



```

97
98 vardef kanji.grthree.section =
99   push_pbox__toexpand("kanji.grthree.section");
100   build_kanji.lr(580,0)
101     (build_kanji.tb(340,-60+20*mincho)
102       (kanji.toprad.stand_up)
103       (kanji.grone.mouth))
104     (kanji.rightrad.beta);
105   expand_pbox;
106 enddef;

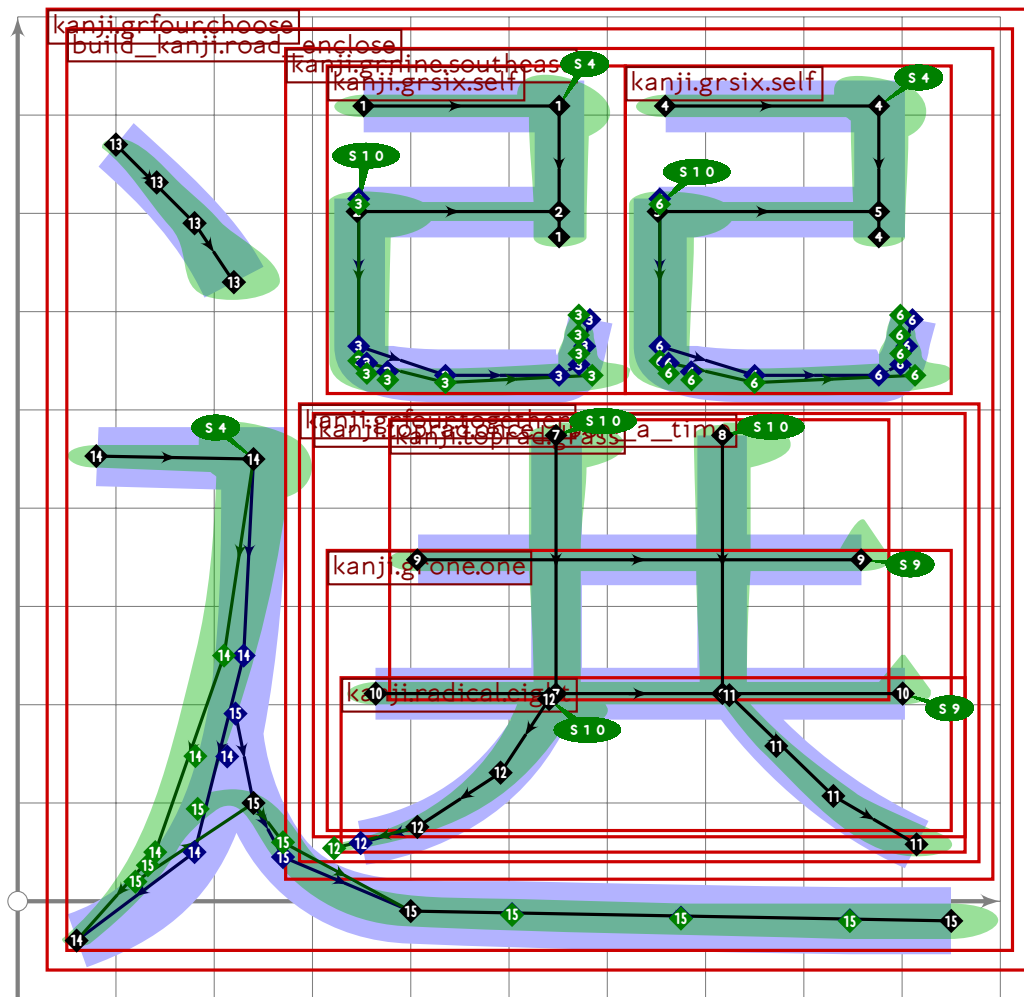
```



```

107
108 vardef kanji.grthree.send =
109   push_pbox_toexpand("kanji.grthree.send");
110   build_kanji.road_enclose(build_kanji.level(
111     build_kanji.tb(600,220)
112     (kanji.toprad.sparkle_two)
113     (kanji.grfour.husband);
114   replace_stroke(-1)(subpath
115     (xpart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
116   set_boserif(-1,whatever);
117   replace_stroke(0)((point 1.7 of get_stroke(-1)).(690,100)..(850,-40));
118   replace_stroke(0)((0.9,0.9)-(1.5,1.5)-(1.8,1.8));
119   ));
120   expand_pbox;
121 enddef;
122
123

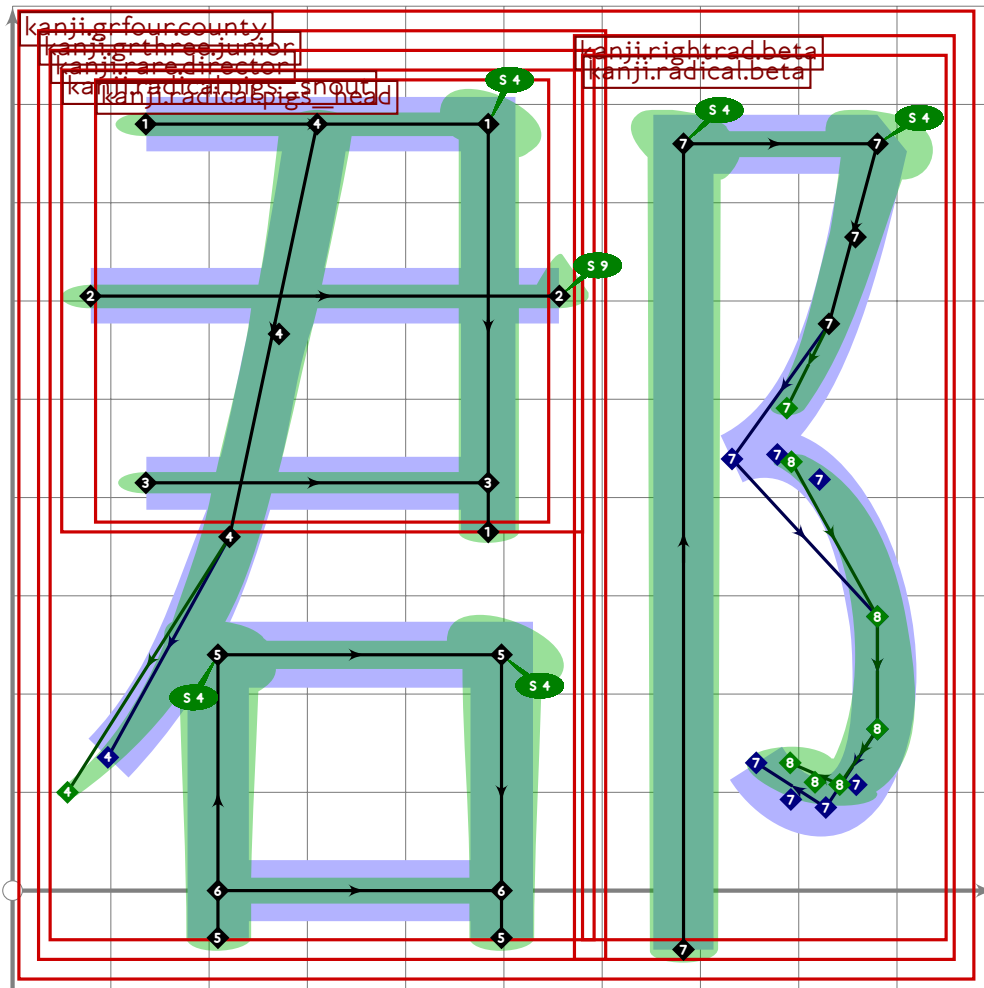
```



```

124
125 vardef kanji.grfour.choose =
126   push_pbox_toexpand("kanji.grfour.choose");
127   build_kanji.road_enclose(kanji.grnine.southeast);
128   expand_pbox;
129 enddef;

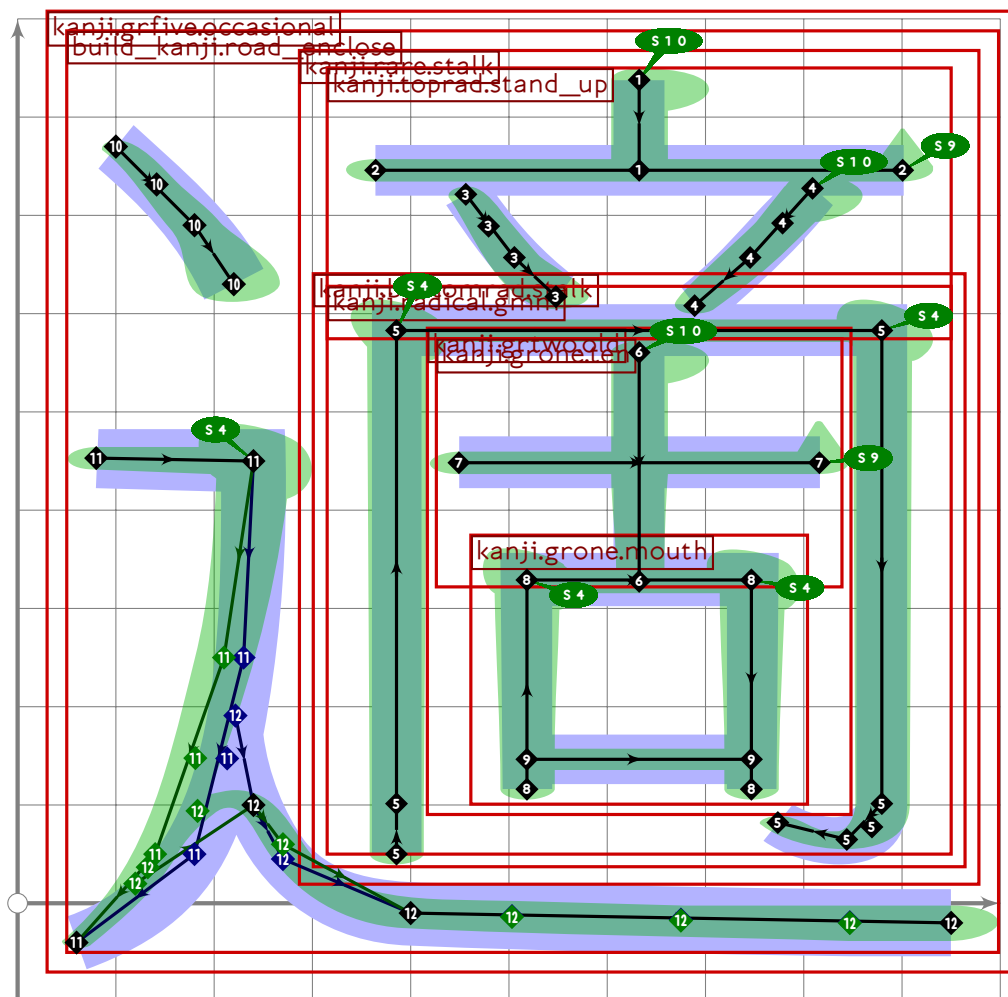
```



```

130
131 vardef kanji.grfour.county =
132   push_pbox_toexpand("kanji.grfour.county");
133   build_kanji.lr(580,0)
134     (kanji.grthree.junior)
135     (kanji.rightrad.beta);
136   expand_pbox;
137 enddef;
138
139

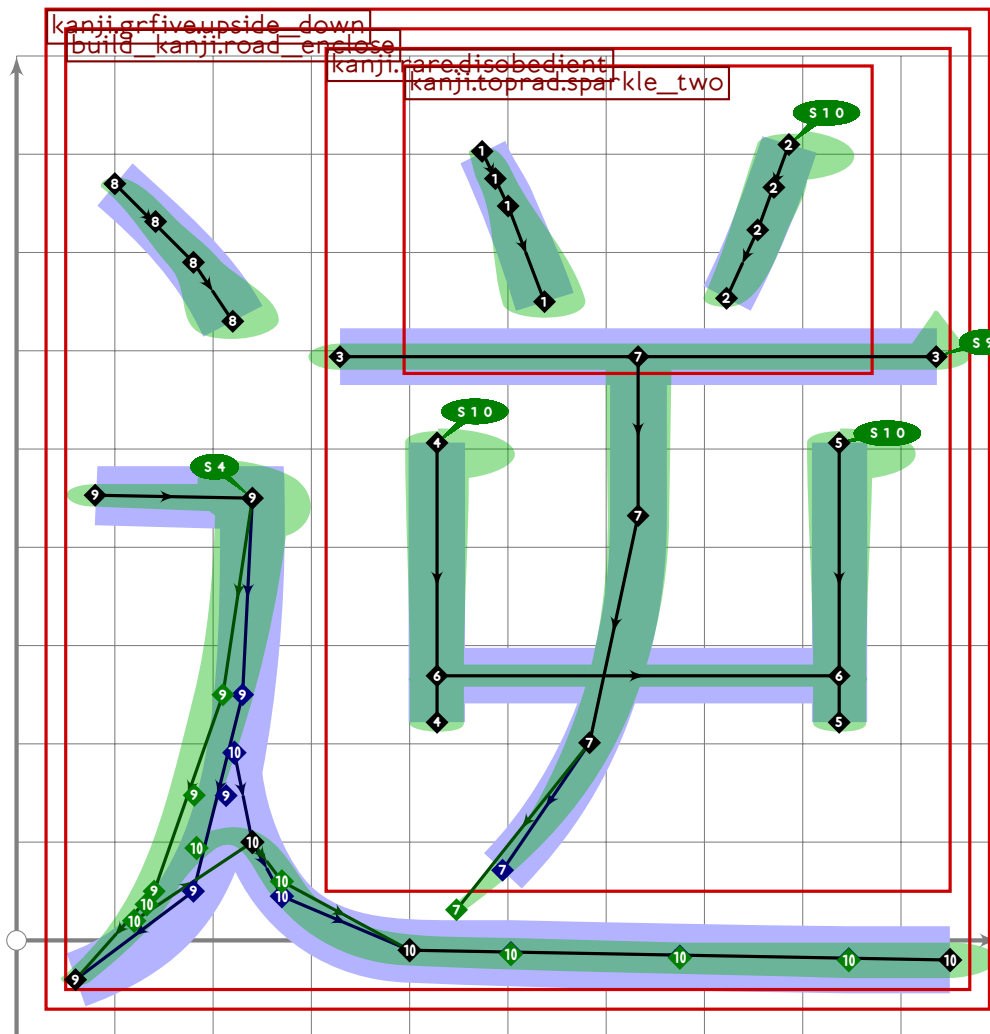
```



```

140
141 vardef kanji.grfive.occasional =
142   push_pbox_toexpand("kanji.grfive.occasional");
143   build_kanji.road_enclose(kanji.rare.stalk);
144   expand_pbox;
145 enddef;

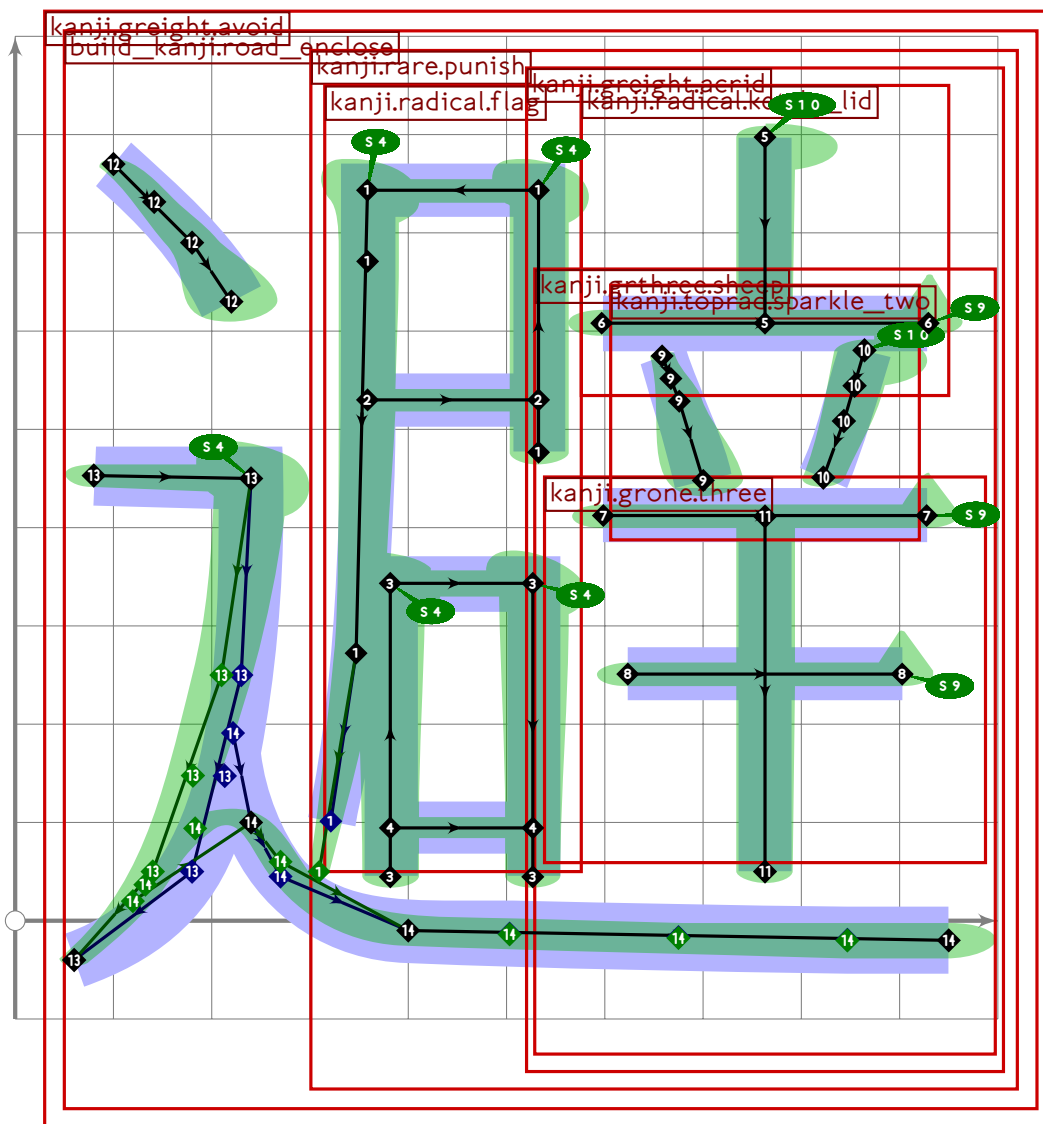
```



```

146
147 vardef kanji.grfive.upside_down =
148   push_pbox_toexpand("kanji.grfive.upside_down");
149   build_kanji.road_enclose(kanji.rare.disobedient);
150   expand_pbox;
151 enddef;
152
153

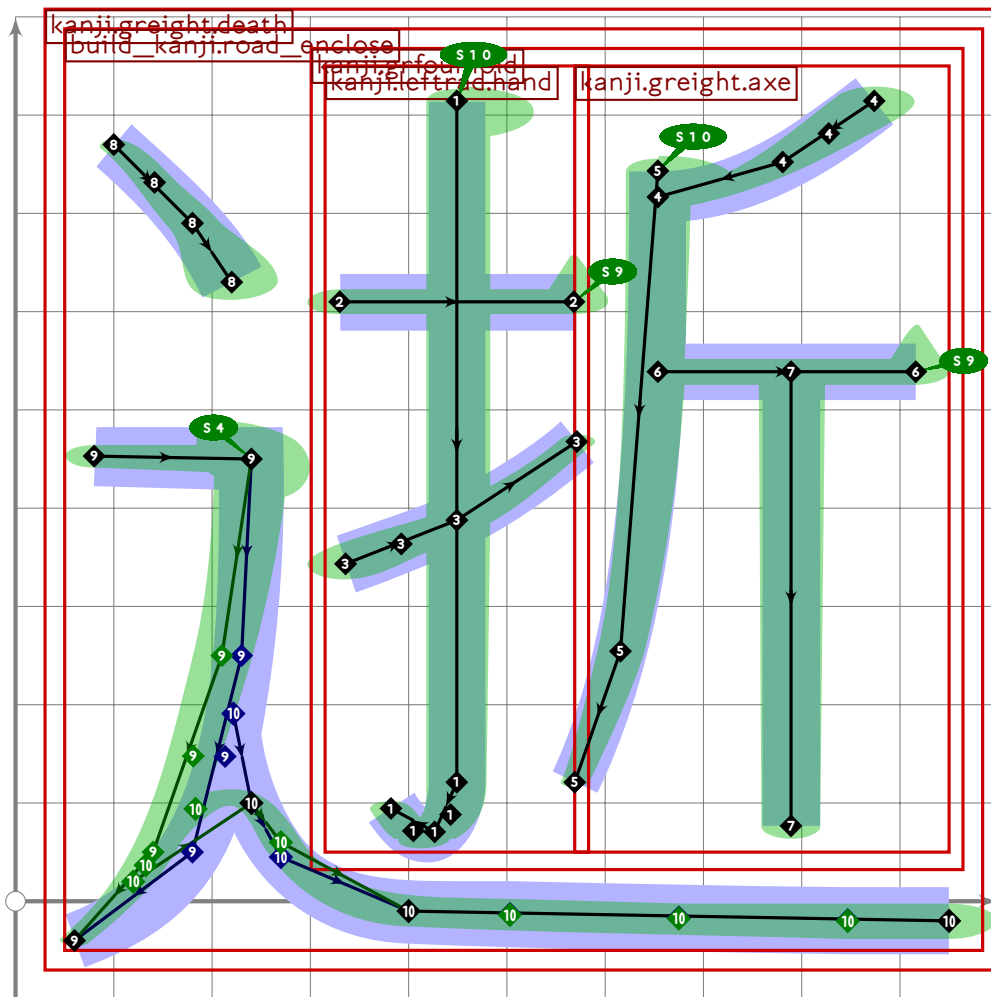
```



```

154
155 vardef kanji.greight.avoid =
156   push_pbox_toexpand("kanji.greight.avoid");
157   build_kanji.road_enclose(kanji.rare.punish);
158   expand_pbox;
159 enddef;

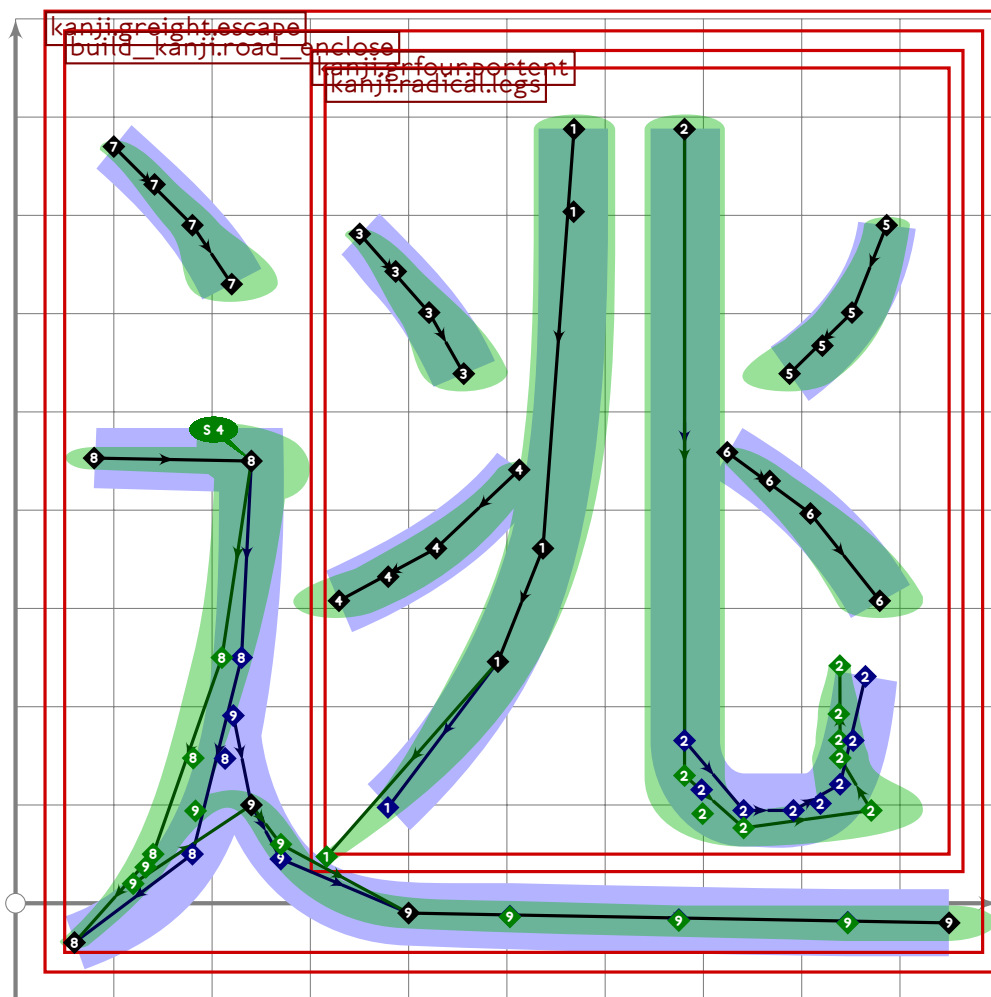
```

```

160
161 vardef kanji.greight.death =
162   push_pbox_toexpand("kanji.greight.death");
163   build_kanji.road_enclose(kanji.grfour.fold);
164   expand_pbox;
165 enddef;

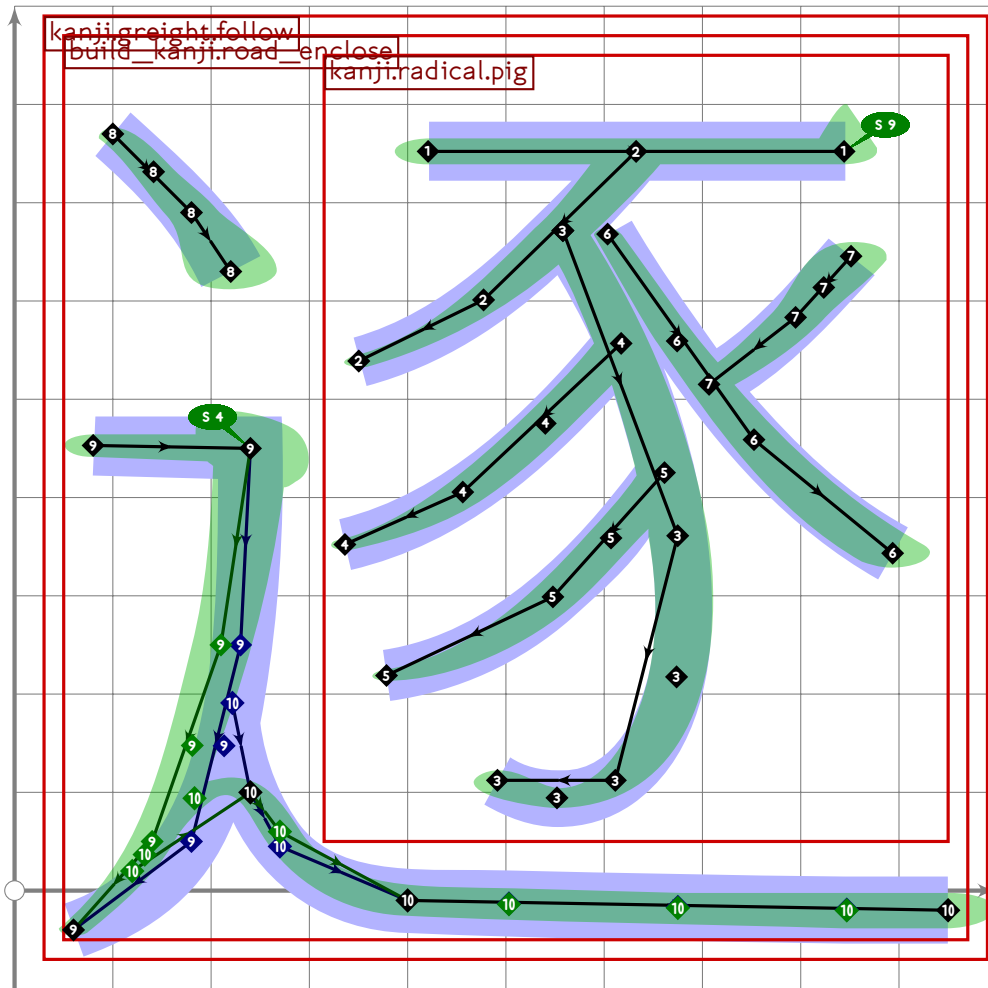
```



```

166
167 vardef kanji.greight.escape =
168   push_pbox_toexpand("kanji.greight.escape");
169   build_kanji.road_enclose(kanji.grfour.portent);
170   expand_pbox;
171 enddef;

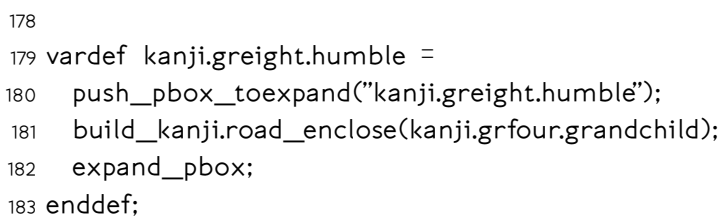
```

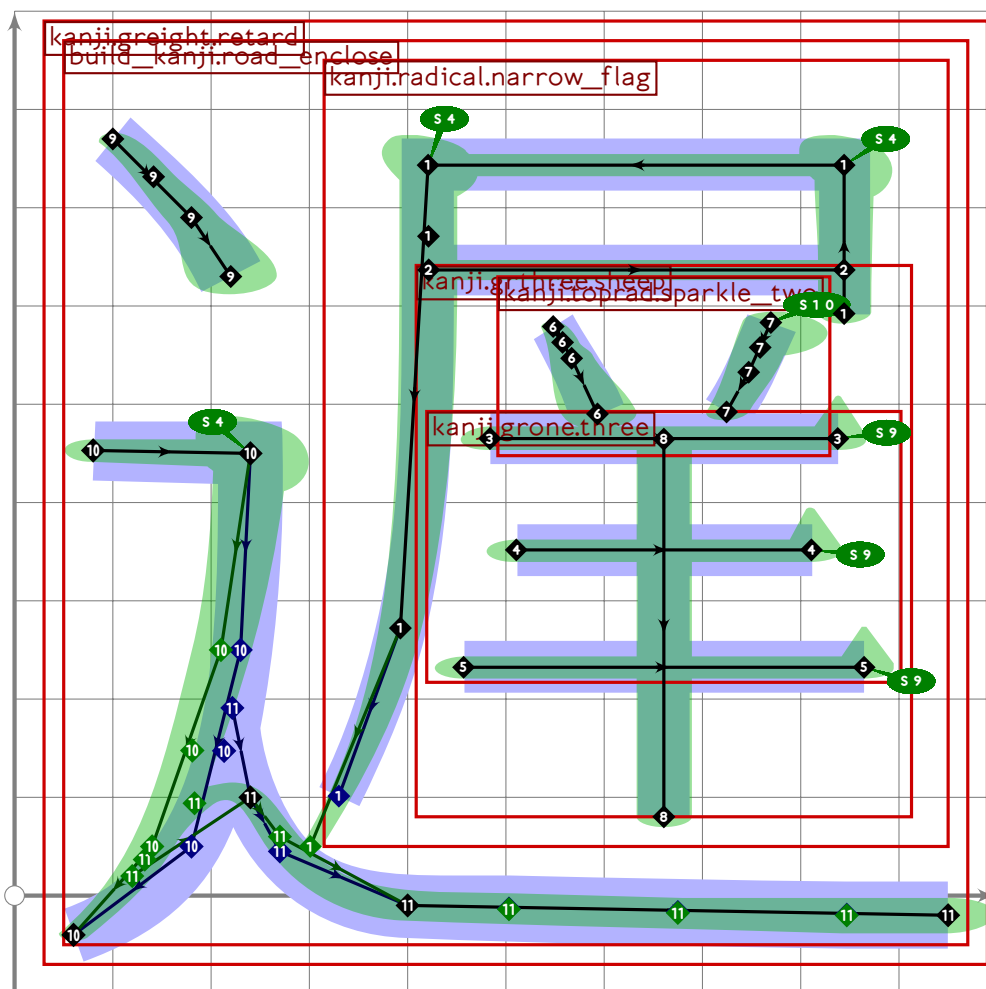


```

172
173 vardef kanji.greight.follow =
174   push_pbox__toexpand("kanji.greight.follow");
175   build_kanji.road_enclose(kanji.radical.pig);
176   expand_pbox;
177 enddef;

```

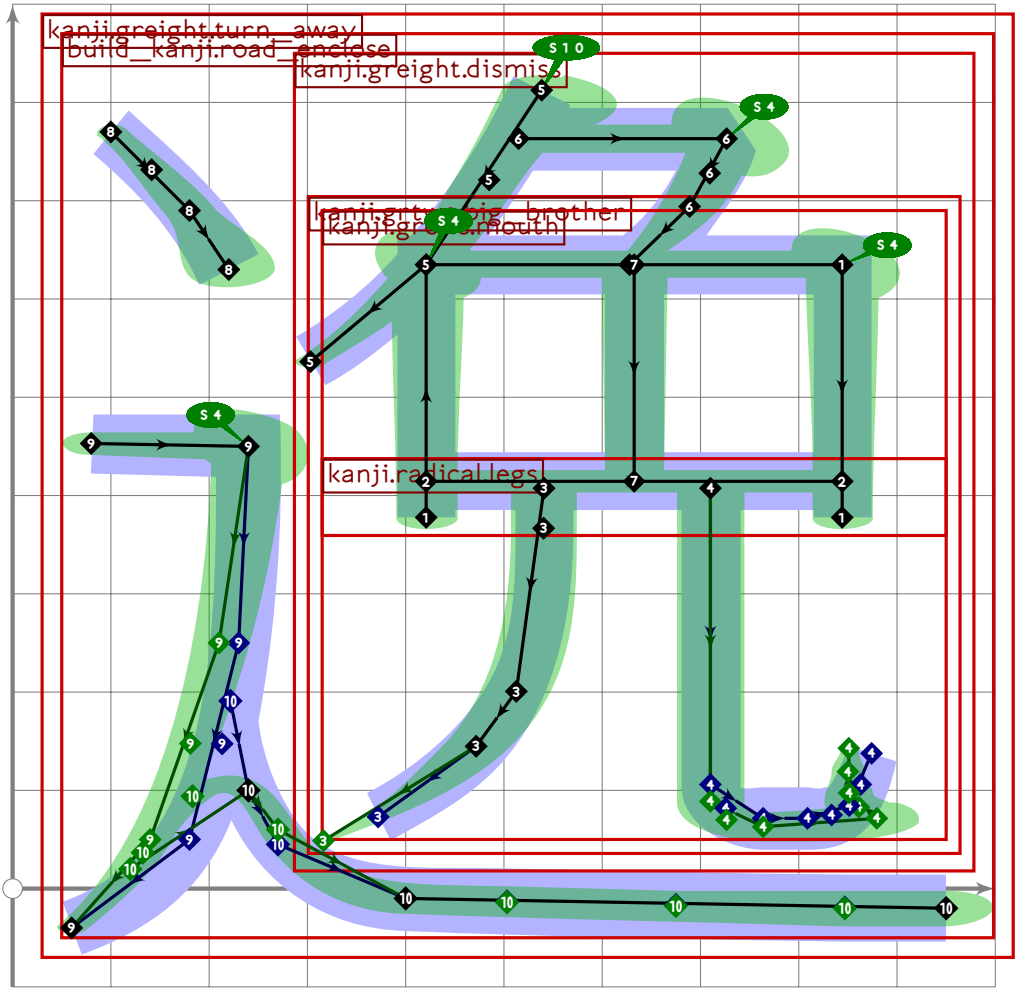




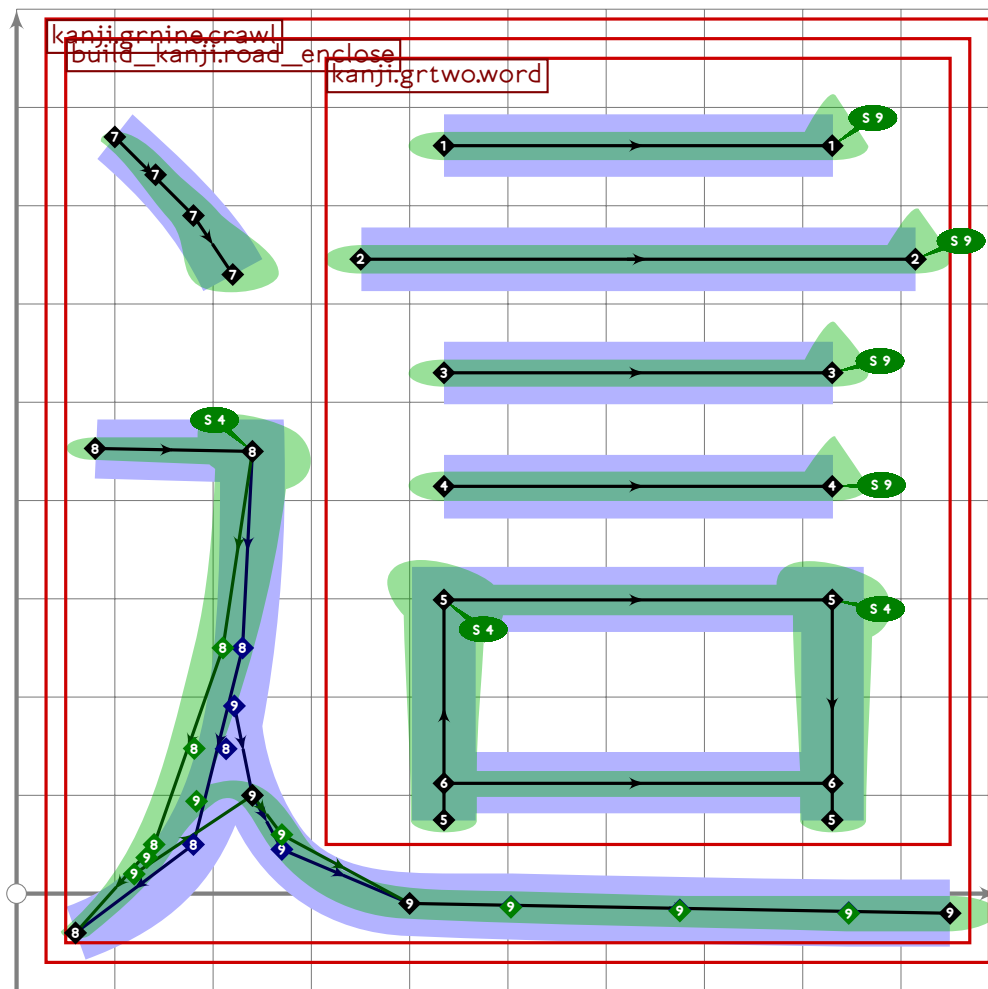
```

184
185 vardef kanji.greight.retard =
186   push_pbox_toexpand("kanji.greight.retard");
187   build_kanji.road_enclose(build_kanji.level(
188     kanji.radical.narrow_flag;
189     build_kanji.sscale(xyscaled (0.76,0.65) shifted (40,120))
190     (kanji.grthree.sheep)));
191   expand_pbox;
192 enddef;

```



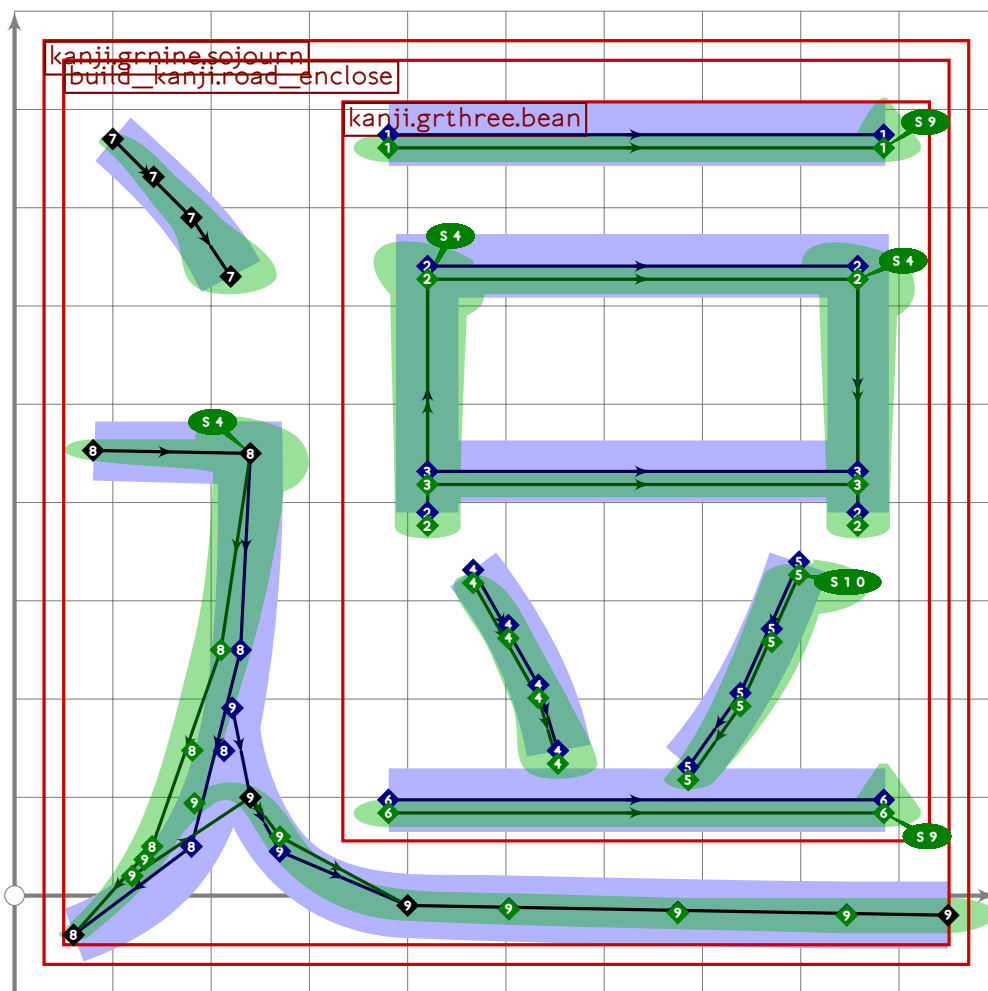
```
193
194 vardef kanji.greight.turn_away =
195   push_pbox_toexpand("kanji.greight.turn_away");
196   build_kanji.road_encluse(kanji.greight.dismiss);
197   expand_pbox;
198 enddef;
199
200
```



```

201
202 vardef kanji.grnine.crawl =
203   push_pbox_toexpand("kanji.grnine.crawl");
204   build_kanji.road_enclose(kanji.grtwo.word);
205   expand_pbox;
206 enddef;

```



```

207
208 vardef kanji.grnine.sojourn =
209   push_pbox_toexpand("kanji.grnine.sojourn");
210   build_kanji.road_enclose(build_kanji.sscales
211     (scaled 0.94 shifted (0,20-15*mincho))
212     (kanji.grthree.bean));
213   expand_pbox;
214 enddef;
215
216
217
218 % tai/shirizo "expel"
219 begintsuglyph("uni9000";0);
220 kanji.grfive.expel;
221 tsu_render;
222 endtsuglyph;
223
224 % sou/oku "send"
225 begintsuglyph("uni9001";1);
226 kanji.grthree.send;
227 tsu_render;

```

[see page 779]

[see page 4139]

228 endtsuglyph;	
229	
230 % tou/ni "escape"	
231 begintsuglyph("uni9003";3);	[see page 4146]
232 kanji.greight.escape;	
233 tsu__render;	
234 endtsuglyph;	
235	
236 % gyaku/saka "upside-down"	
237 begintsuglyph("uni9006";6);	[see page 4143]
238 kanji.grfive.upside_down;	
239 tsu__render;	
240 endtsuglyph;	
241	
242 % chiku "follow"	
243 begintsuglyph("uni9010";16);	[see page 4147]
244 kanji.greight.follow;	
245 tsu__render;	
246 endtsuglyph;	
247	
248 % tou/todo "sojourn"	
249 begintsuglyph("uni9017";23);	[see page 4152]
250 kanji.grnine.sojourn;	
251 tsu__render;	
252 endtsuglyph;	
253	
254 % sha/ha "crawl"	
255 begintsuglyph("uni9019";25);	[see page 4151]
256 kanji.grnine.crawl;	
257 tsu__render;	
258 endtsuglyph;	
259	
260 % tsuu/too "distant"	
261 begintsuglyph("uni901A";26);	[see page 587]
262 kanji.grtwo.traffic;	
263 tsu__render;	
264 endtsuglyph;	
265	
266 % sei/yu "death"	
267 begintsuglyph("uni901D";29);	[see page 4145]
268 kanji.greight.death;	
269 tsu__render;	
270 endtsuglyph;	
271	
272 % soku/haya "fast"	
273 begintsuglyph("uni901F";31);	[see page 4133]
274 kanji.grthree.fast;	
275 tsu__render;	

```

276 endtsuglyph;
277
278 % zou/tsuku "make up"
279 begintsuglyph("uni9020";32); [see page 789]
280 kanji.grfive.make_up;
281 tsu__render;
282 endtsuglyph;
283
284 % ren/tsura "bring"
285 begintsuglyph("uni9023";35); [see page 689]
286 kanji.grfour.bring;
287 tsu__render;
288 endtsuglyph;
289
290 % shuu "week"
291 begintsuglyph("uni9031";49); [see page 4132]
292 kanji.grtwo.week;
293 tsu__render;
294 endtsuglyph;
295
296 % sin/susu "proceed"
297 begintsuglyph("uni9032";50); [see page 4137]
298 kanji.grthree.proceed;
299 tsu__render;
300 endtsuglyph;
301
302 % itsu/so "turn away"
303 begintsuglyph("uni9038";56); [see page 4150]
304 kanji.greight.turn_away;
305 tsu__render;
306 endtsuglyph;
307
308 % chi/oku "retard"
309 begintsuglyph("uni9045";69); [see page 4149]
310 kanji.greight.retard;
311 tsu__render;
312 endtsuglyph;
313
314 % aso "play"
315 begintsuglyph("uni904A";74); [see page 4136]
316 kanji.grthree.play;
317 tsu__render;
318 endtsuglyph;
319
320 % sin/susu "proceed"
321 begintsuglyph("uni904B";75); [see page 4134]
322 kanji.grthree.fortune;
323 tsu__render;

```

```

324 endtsuglyph;
325
326 % ka/sugiru "pass"
327 begintsuglyph("uni904E";78); [see page 794]
328   kanji.grfive.pass;
329   tsu__render;
330 endtsuglyph;
331
332 % dou/michi "street"
333 begintsuglyph("uni9053";83); [see page 579]
334   kanji.grtwo.street;
335   tsu__render;
336 endtsuglyph;
337
338 % tatsu/tachi "suffix for pluralizing pronouns" (and several other meanings)
339 begintsuglyph("uni9054";84); [see page 742]
340   kanji.grfour.plural;
341   tsu__render;
342 endtsuglyph;
343
344 % son/shitaga "humble"
345 begintsuglyph("uni905C";92); [see page 4148]
346   kanji.greight.humble;
347   tsu__render;
348 endtsuglyph;
349
350 % en/too "distant"
351 begintsuglyph("uni9060";96); [see page 513]
352   kanji.grtwo.distant;
353   tsu__render;
354 endtsuglyph;
355
356 % teki/kanau "occasional"
357 begintsuglyph("uni9069";105); [see page 4142]
358   kanji.grfive.occasional;
359   tsu__render;
360 endtsuglyph;
361
362 % sen/era "choose"
363 begintsuglyph("uni9078";120); [see page 4140]
364   kanji.grfour.choose;
365   tsu__render;
366 endtsuglyph;
367
368 % hi/sa "avoid"
369 begintsuglyph("uni907F";127); [see page 4144]
370   kanji.greight.avoid;
371   tsu__render;

```

```
372 endtsuglyph;
373
374 % gen/koori "county"
375 begintsuglyph("uni90E1",225); [see page 4141]
376 kanji.grfour.county;
377 tsu_render;
378 endtsuglyph;
379
380 % bu/be "section"
381 begintsuglyph("uni90E8",232); [see page 4138]
382 kanji.grthree.section;
383 tsu_render;
384 endtsuglyph;
385
386 % to/miyako "metropolis"
387 begintsuglyph("uni90FD",253); [see page 4135]
388 kanji.grthree.metropolis;
389 tsu_render;
390 endtsuglyph;
391
392 _____
393
394 endfont;
395
396 _____
```

tsuku-91.mp

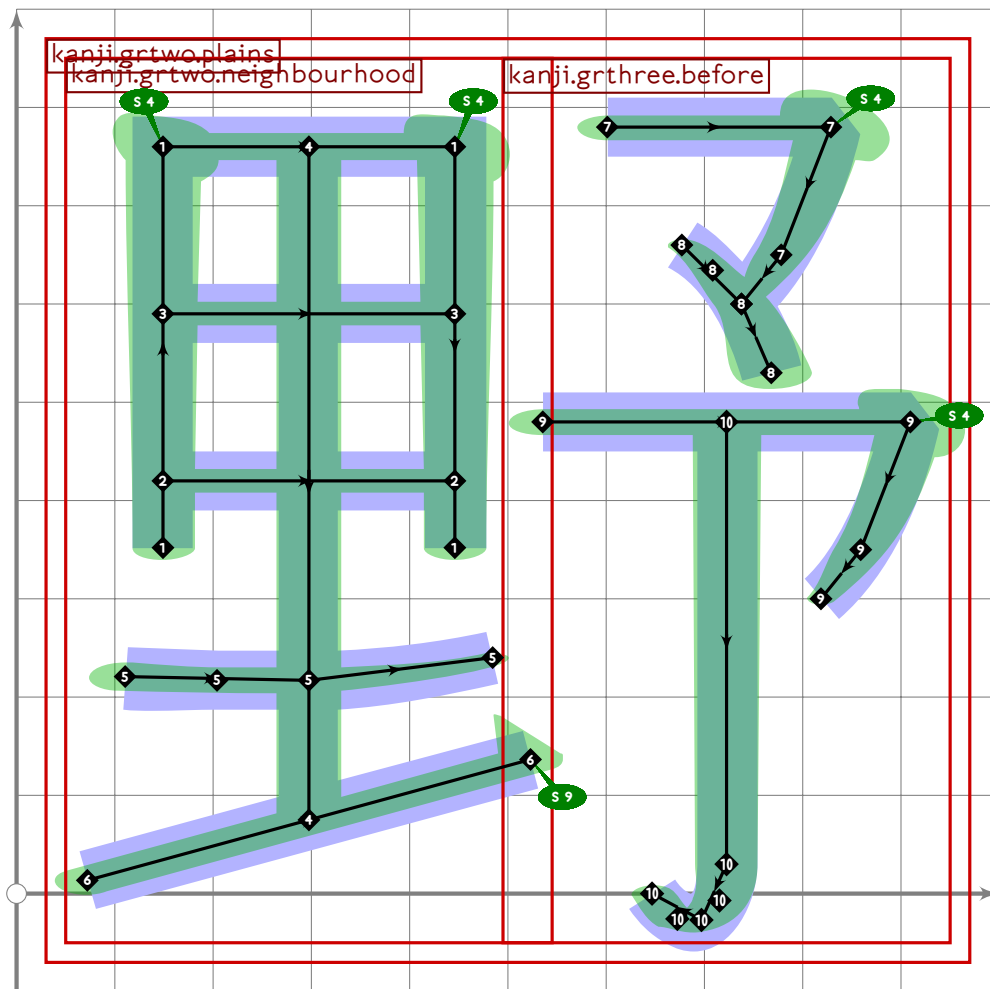
```
1 %
2 % Unicode page 91 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017, 2019 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

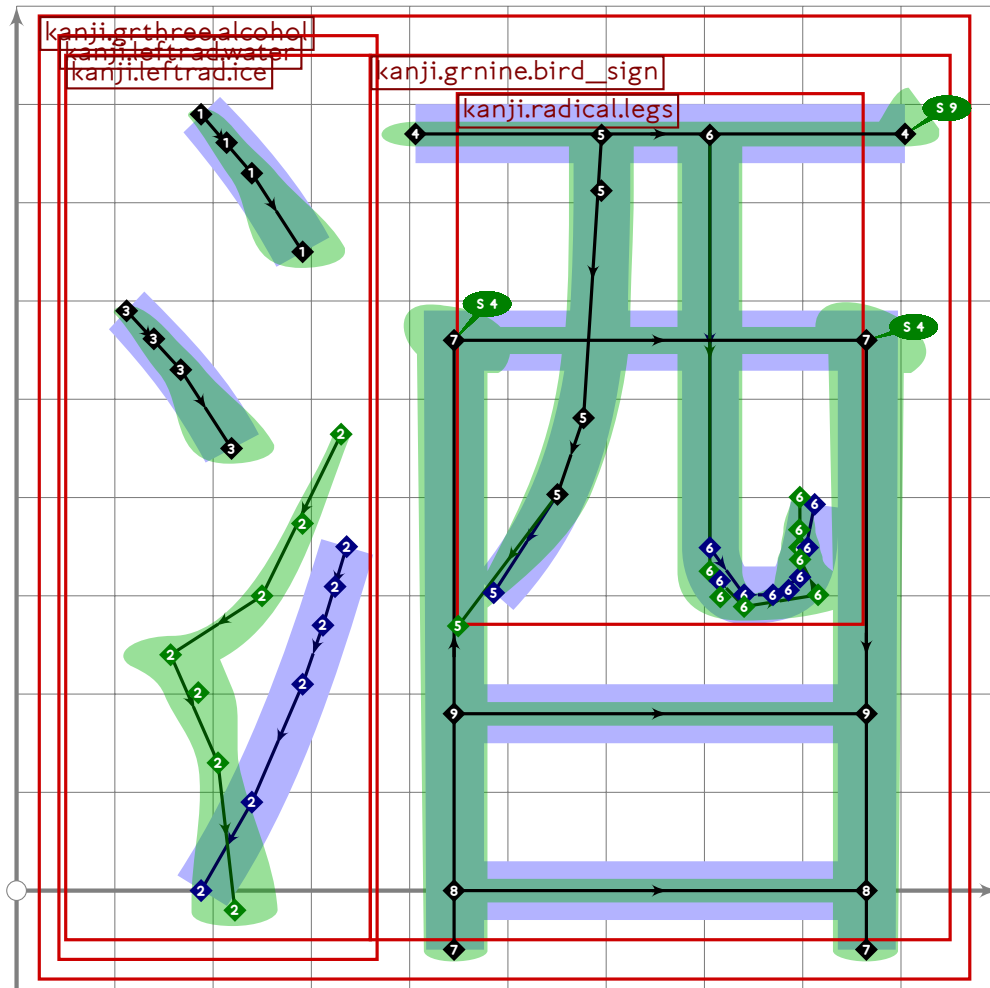

```



```

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

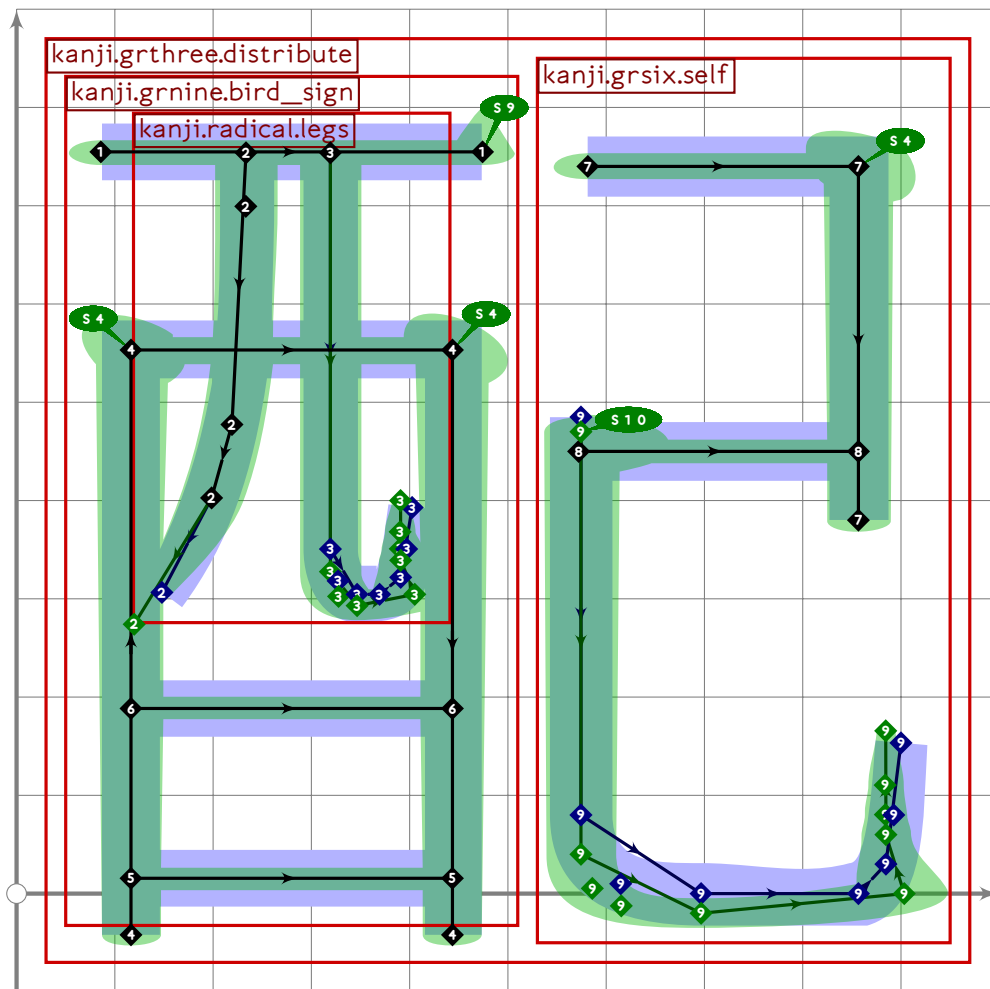
```



```

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

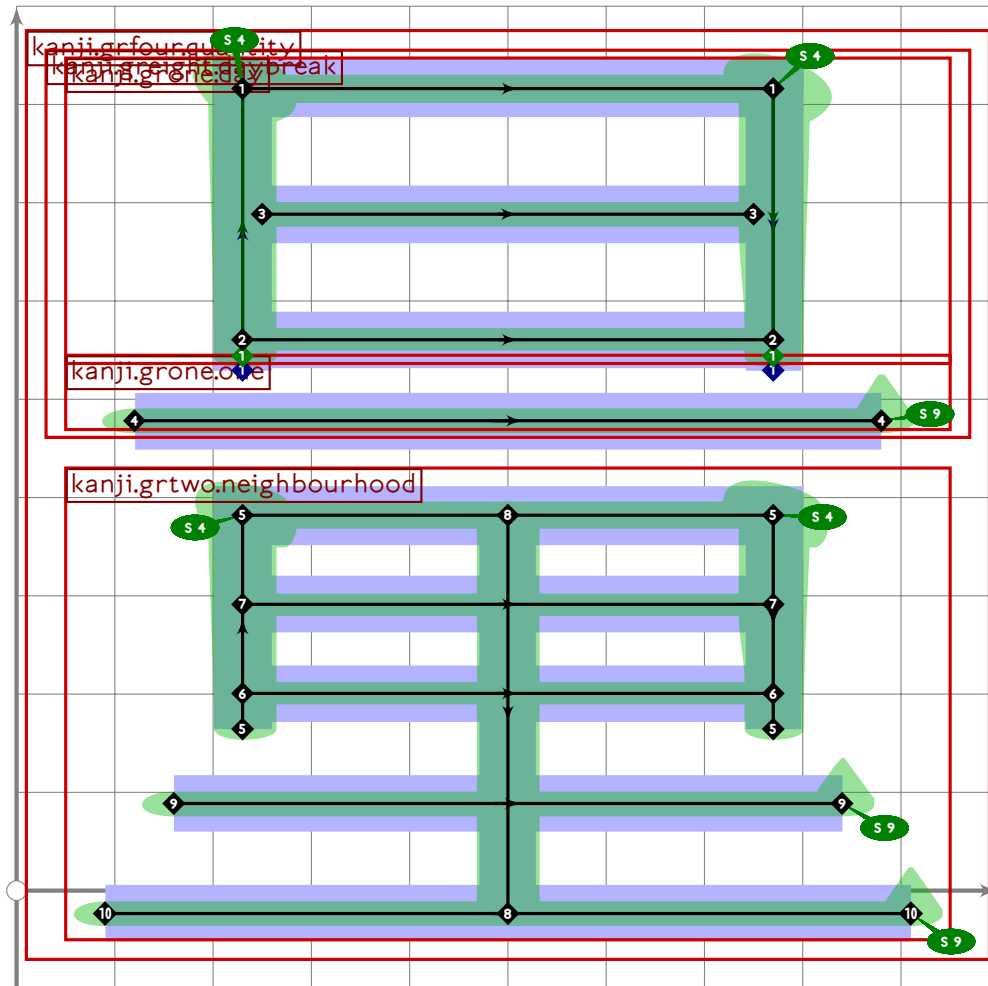
```



```

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

```

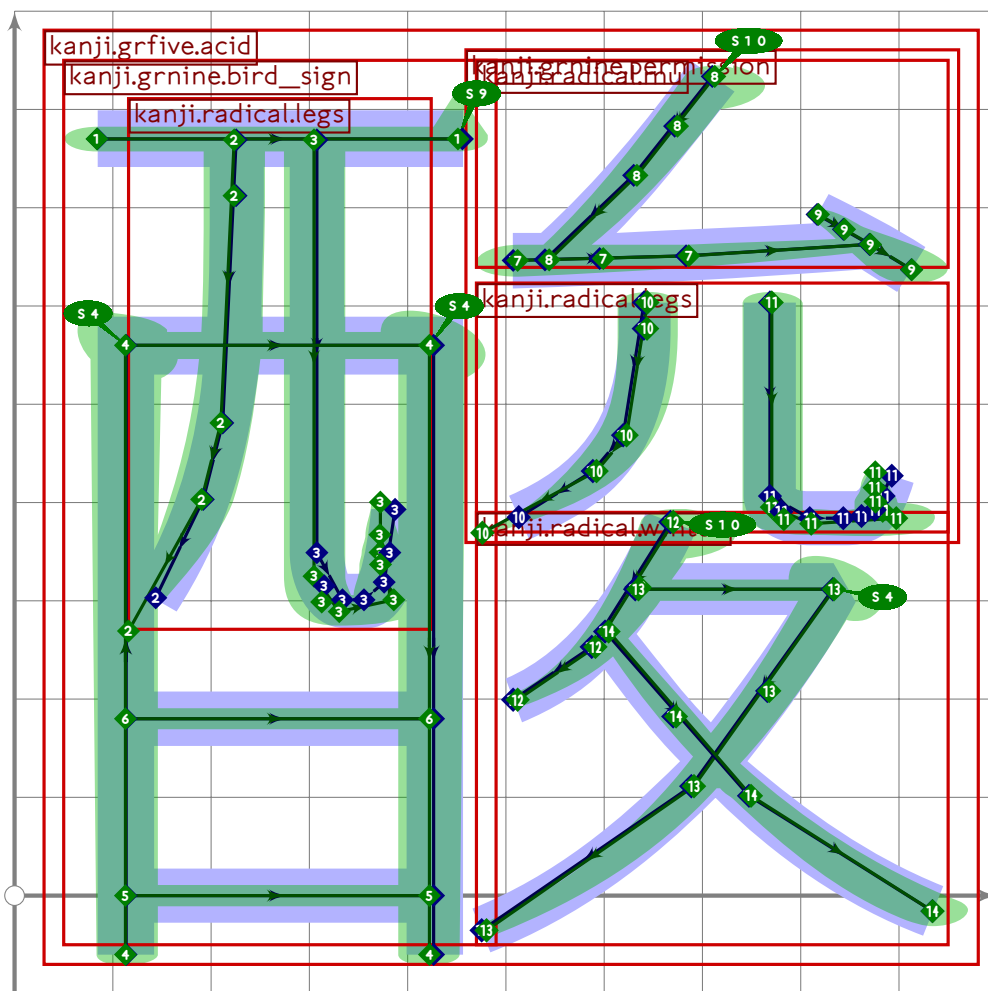



91

```

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

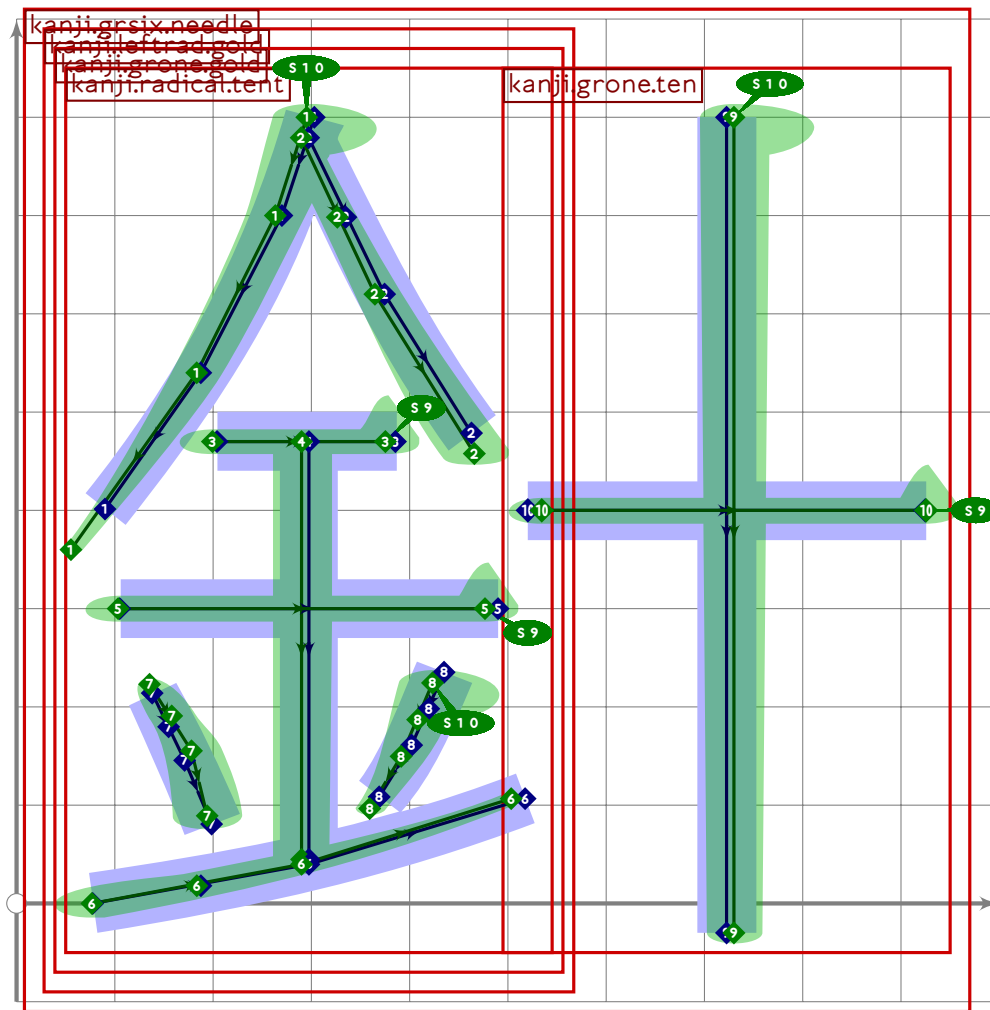
```



```

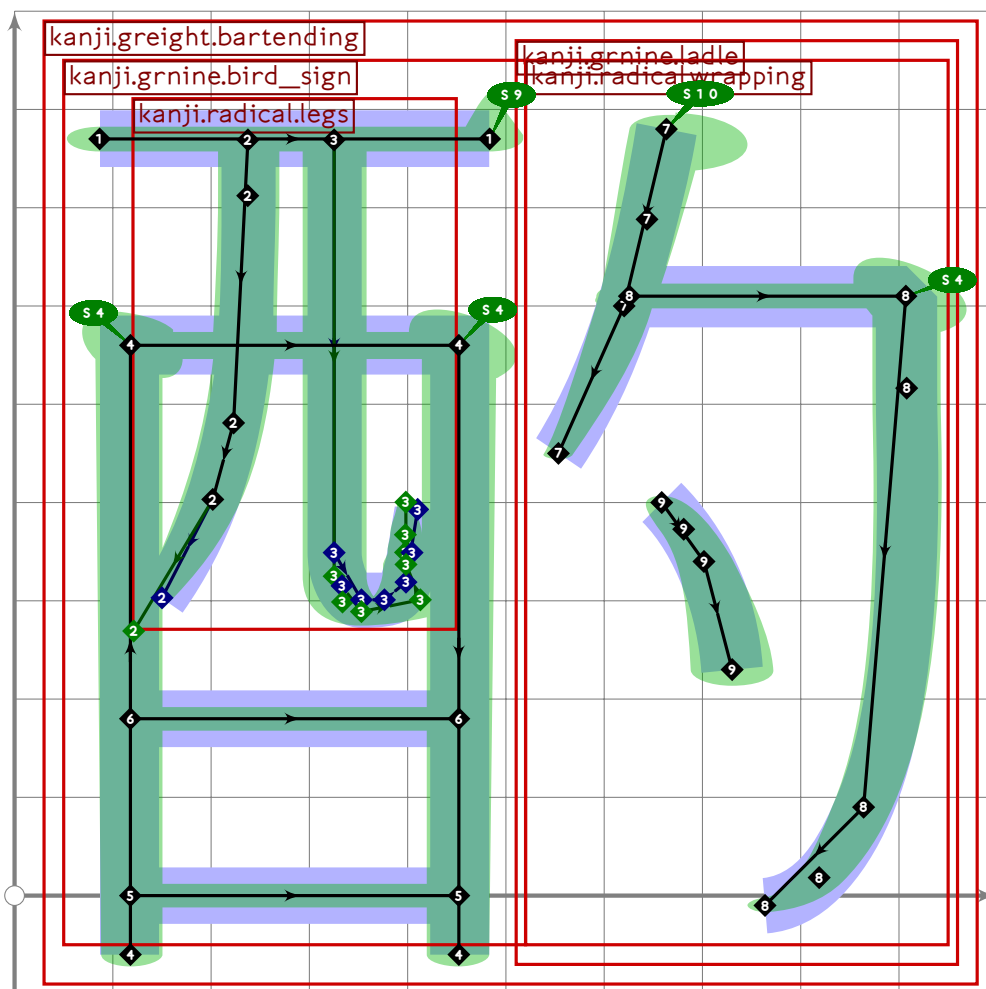
89
90 vardef kanji.grfive.acid =
91   push_pbox_toexpand("kanji.grfive.acid");
92   build_kanji.lr(480,20-10*mincho)
93     (kanji.grnine.bird_sign)
94     (build_kanji.level(build_kanji.tb(380,20)
95       (kanji.grnine.permission)
96       (kanji.radical.winter)));
97   expand_pbox;
98 enddef;
99
100

```



```

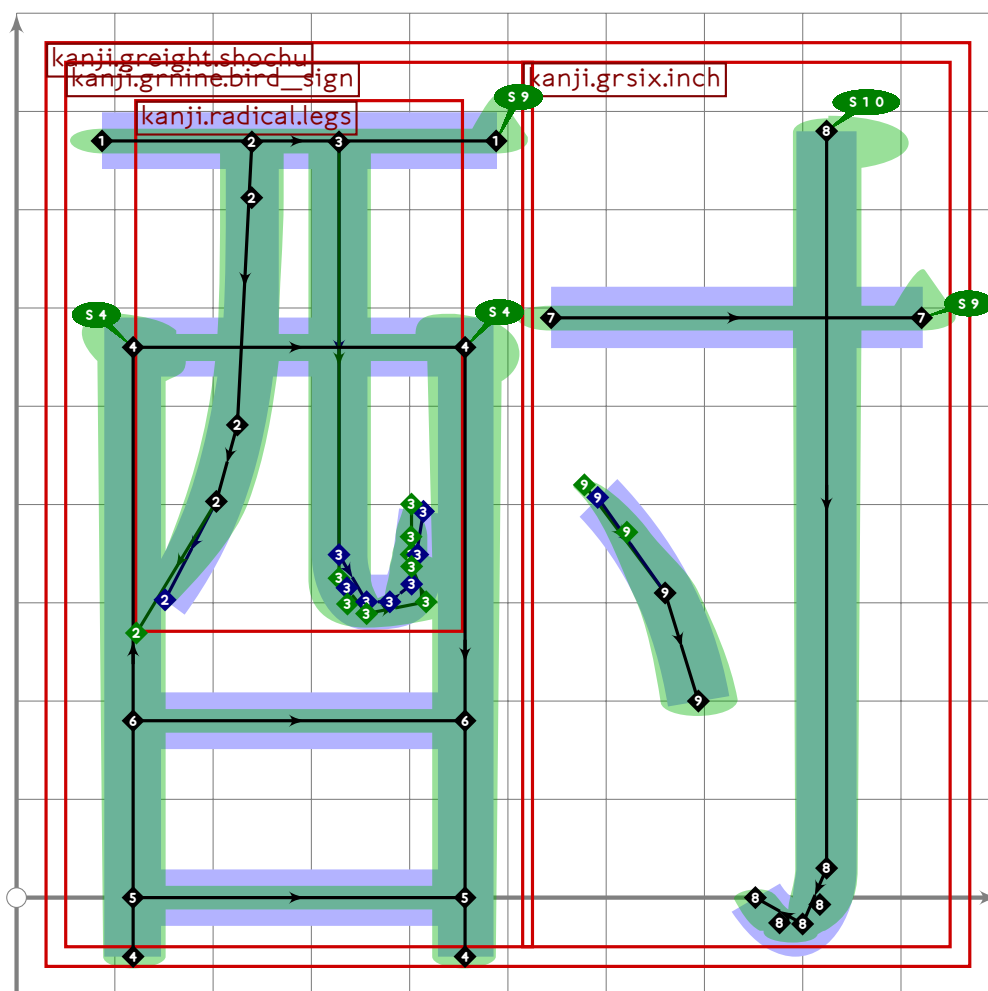
101
102 vardef kanji.grsix.needle =
103   push_pbox_toexpand("kanji.grsix.needle");
104   build_kanji.level(build_kanji.lr(520,50-30*mincho)
105     (kanji.leftrad.gold)
106     (kanji.grone.ten));
107   expand_pbox;
108 enddef;
109
110
```



```

111
112 vardef kanji.greight.bartending =
113   push_pbox__toexpand("kanji.greight.bartending");
114   build_kanji.lr(520,0)
115     (kanji.grnine.bird_sign)
116     (kanji.grnine.ladle);
117   expand_pbox;
118 enddef;

```



```

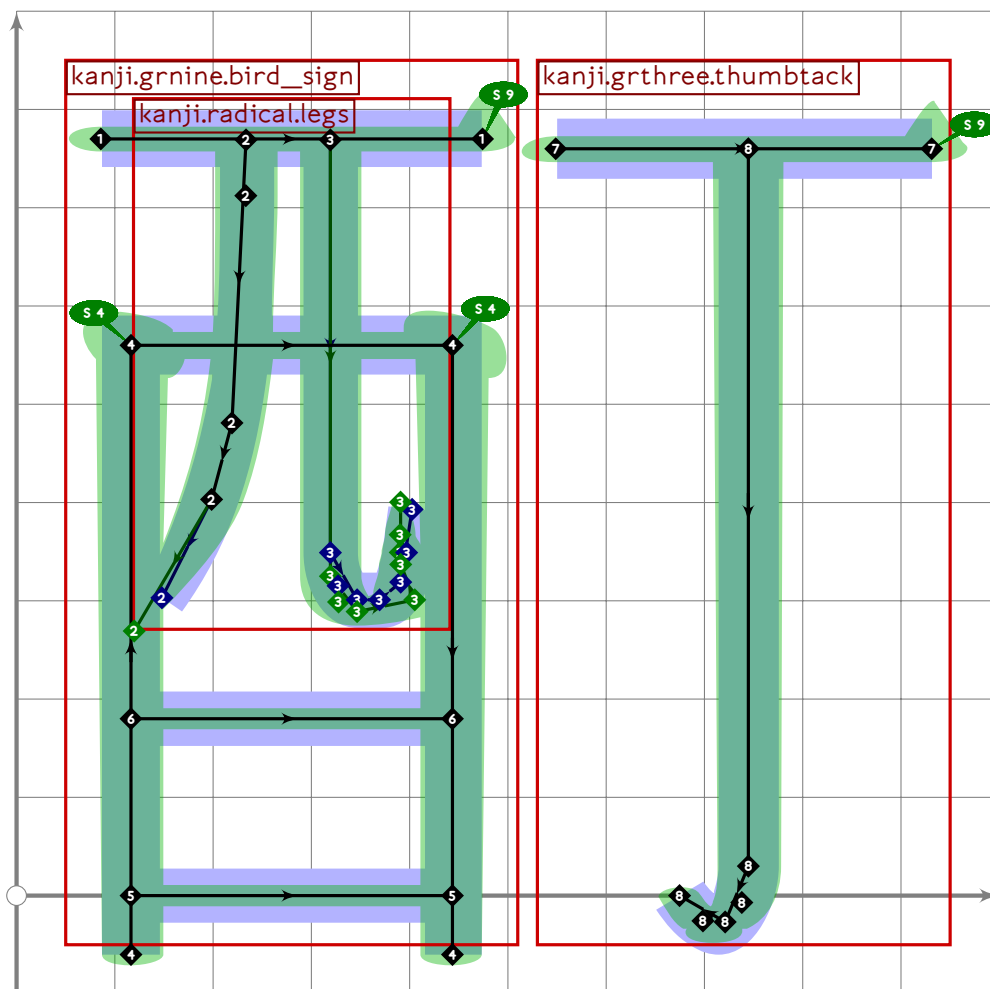
119
120 vardef kanji.greight.shochu =
121   push_pbox_toexpand("kanji.greight.shochu");
122   build_kanji.lr(520,10)
123     (kanji.grnine.bird_sign)
124     (kanji.grsix.inch);
125   expand_pbox;
126 enddef;
127
128
129
130 % yuu/tori "sign of the bird" (or "sake radical")
131 begintsuglyph("uni9149;73);
132   kanji.grnine.bird_sign;
133   tsu_render;
134 endtsuglyph;
135

```

[see page 991]

U+914A
tsuku.uni914A

91



```

136 % extra "intoxication"
137 begintsuglyph("uni914A";74);
138   build_kanji.lr(520;20)
139     (kanji.grnine.bird_sign)
140     (kanji.grthree.thumbtack);
141   tsu_render;
142 endtsuglyph;

```

```

143
144 % shaku/ku "bartending"
145 begintsuglyph("uni914C";76);
146   kanji.greight.bartending;
147   tsu_render;
148 endtsuglyph;

```

[see page 4164]

```

149
150 % hai/kuba "distribute"
151 begintsuglyph("uni914D";77);
152   kanji.grthree.distribute;
153   tsu_render;
154 endtsuglyph;

```

[see page 4160]

```

155
156 % chu/kamo "shochu" (chuu as in chuu-hai)

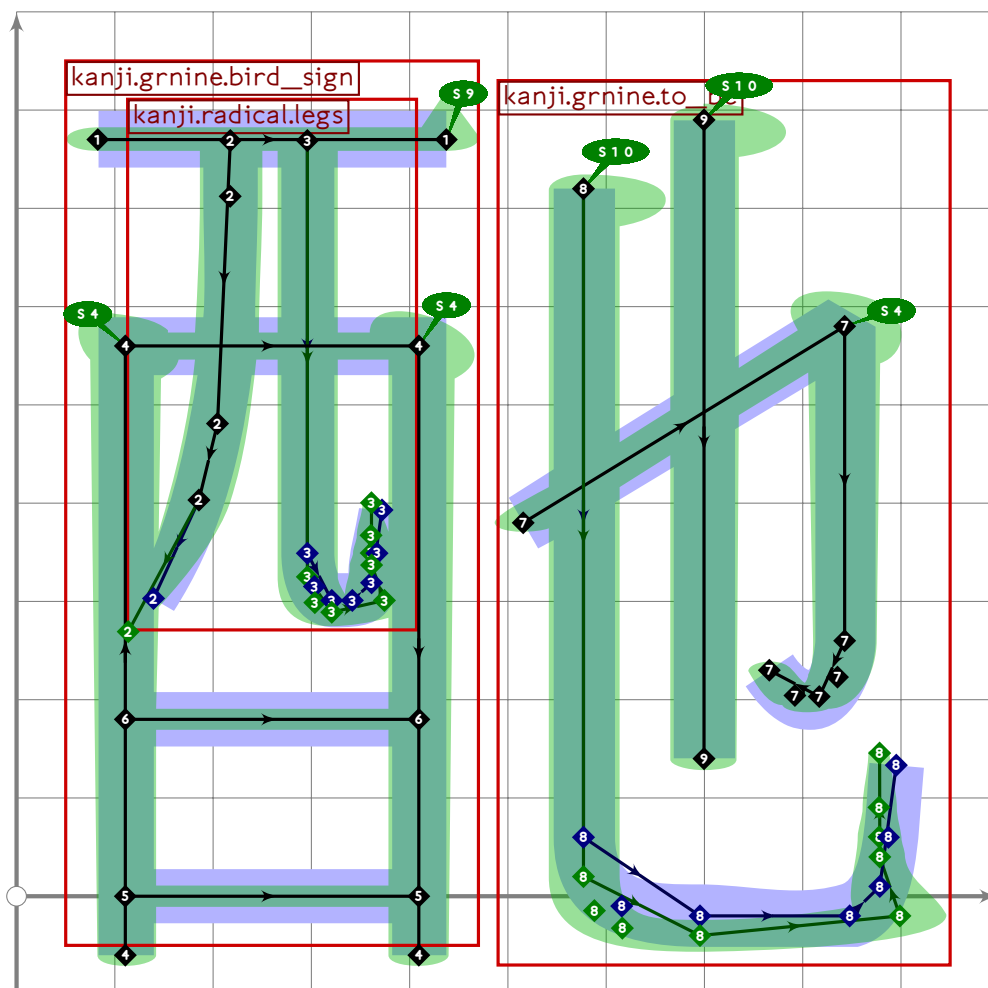
```

```

157 begintsuglyph("uni914E";78);
158   kanji.greight.shochu;
159   tsu_render;
160 endtsuglyph;
161

```

[see page 4165]



```

162 % extra
163 begintsuglyph("uni914F";79);
164   build_kanji.lr(480;20)
165   (kanji.grnine.bird_sign)
166   (tsu_xform(identity shifted (0;-20))(kanji.grnine.to_be));
167   tsu_render;
168 endtsuglyph;
169

```

170 % shu/sake "alcoholic drink"

```

171 begintsuglyph("uni9152";82);
172   kanji.grthree.alcohol;
173   tsu_render;
174 endtsuglyph;
175

```

[see page 4159]

176 % sai/su "acid"

```

177 begintsuglyph("uni9178";120);

```

[see page 4162]

91

[see page 555]


```

199
200 % shuu/e "heap big"
201 begintsuglyph("uni91CD";205); [see page 639]
202 kanji.grthree.heap_big;
203 tsu_render;
204 endtsuglyph;
205
206 % ya/no "field"
207 begintsuglyph("uni91CE";206); [see page 4158]
208 kanji.grtwo.plains;
209 tsu_render;
210 endtsuglyph;
211
212 % ryou/haka "quantity"
213 begintsuglyph("uni91CF";207); [see page 4161]
214 kanji.grfour.quantity;
215 tsu_render;
216 endtsuglyph;
217
218 % kane/kin "gold"
219 begintsuglyph("uni91D1";209); [see page 446]
220 kanji.grone.gold;
221 tsu_render;
222 endtsuglyph;
223
224 % shin/hari "needle"
225 begintsuglyph("uni91DD";221); [see page 4163]
226 kanji.grsix.needle;
227 tsu_render;
228 endtsuglyph;
229
230 _____
231
232 endfont;
233
234 _____

```

tsuku-92.mp

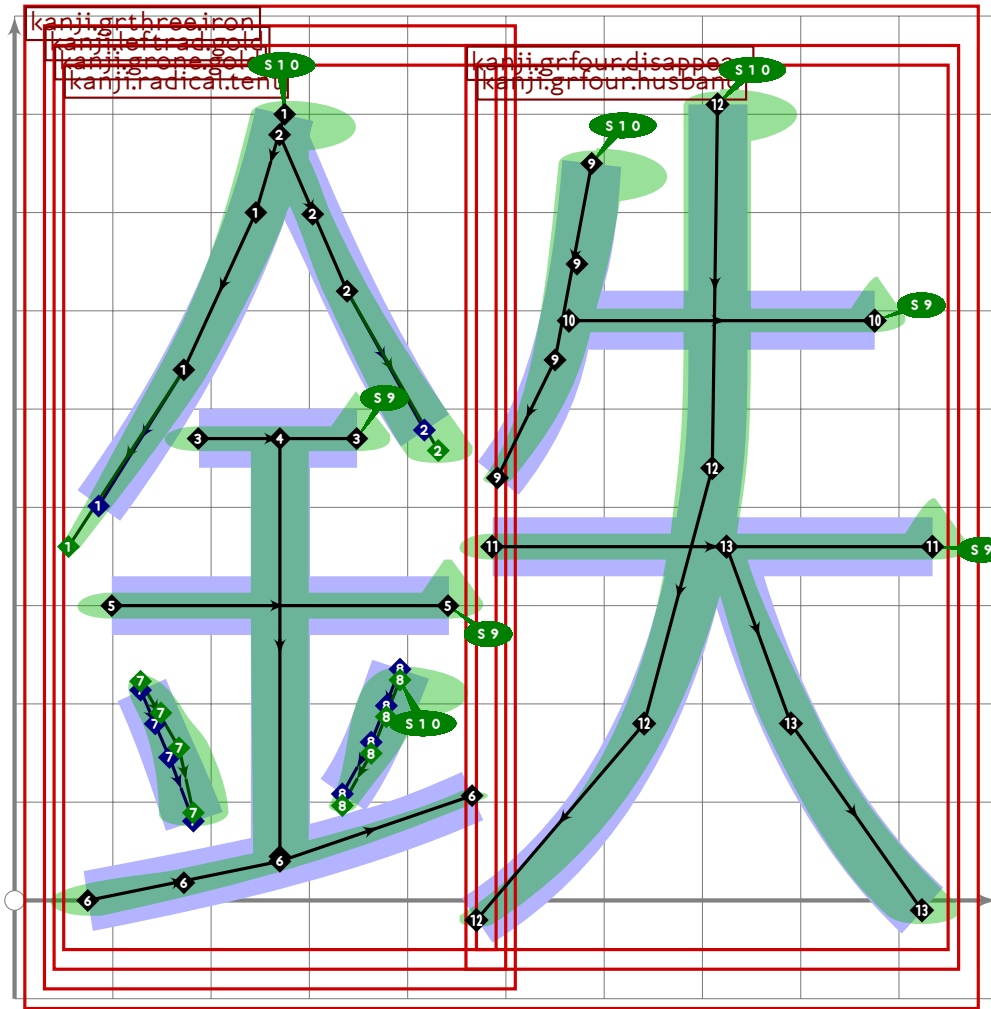
```
1 %
2 % Unicode page 92 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2019, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

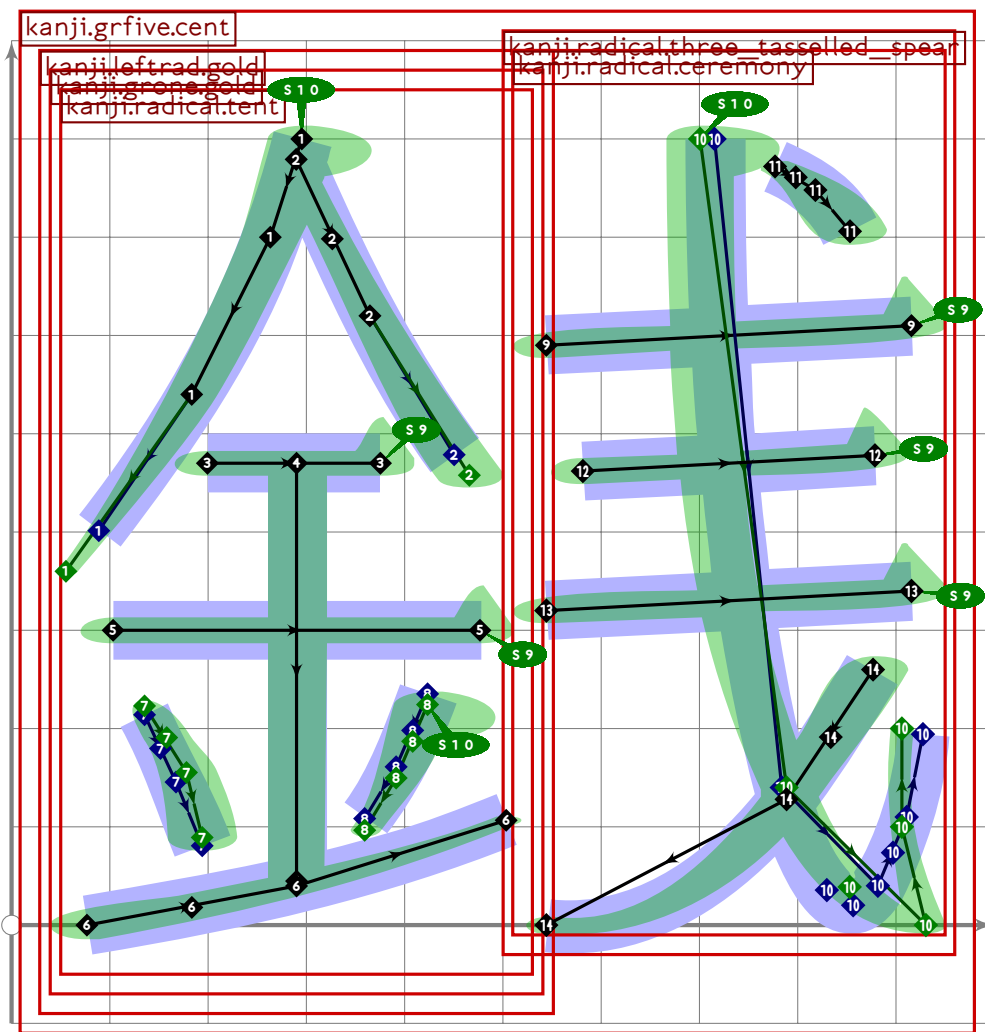

```



```

49
50 vardef kanji.grthree.iron =
51   push_pbox_toexpand("kanji.grthree.iron");
52   build_kanji.level(build_kanji.lr(480,20)
53     (kanji.leftrad.gold)
54     (kanji.grfour.disappear));
55   expand_pbox;
56 enddef;
57
58

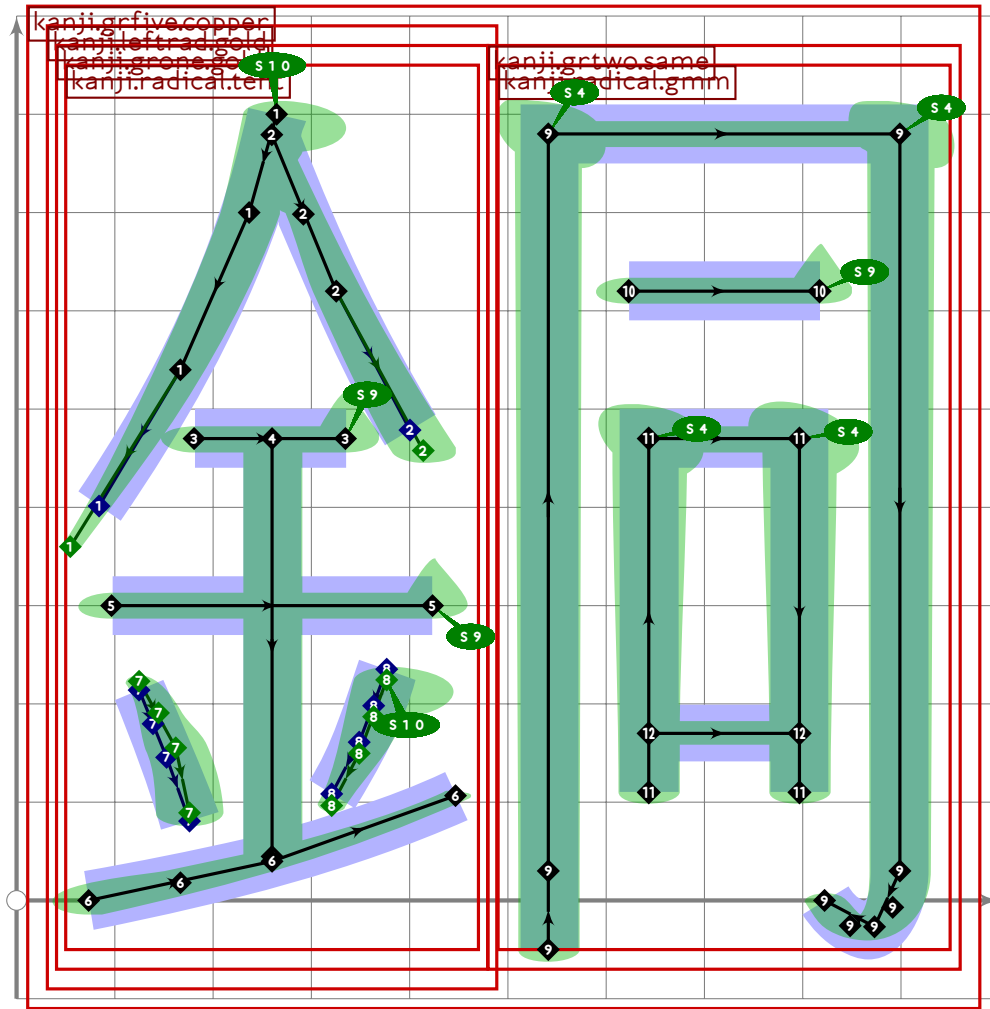
```



```

59
60 vardef kanji.grfive.cent =
61   push_pbox_toexpand("kanji.grfive.cent");
62   build_kanji.level(build_kanji.lr(520,20)
63     (kanji.leftrad.gold)
64     (build_kanji.sscale(shifted (0,40))
65       (kanji.radical.three_tasselled_spear)));
66   expand_pbox;
67 enddef;

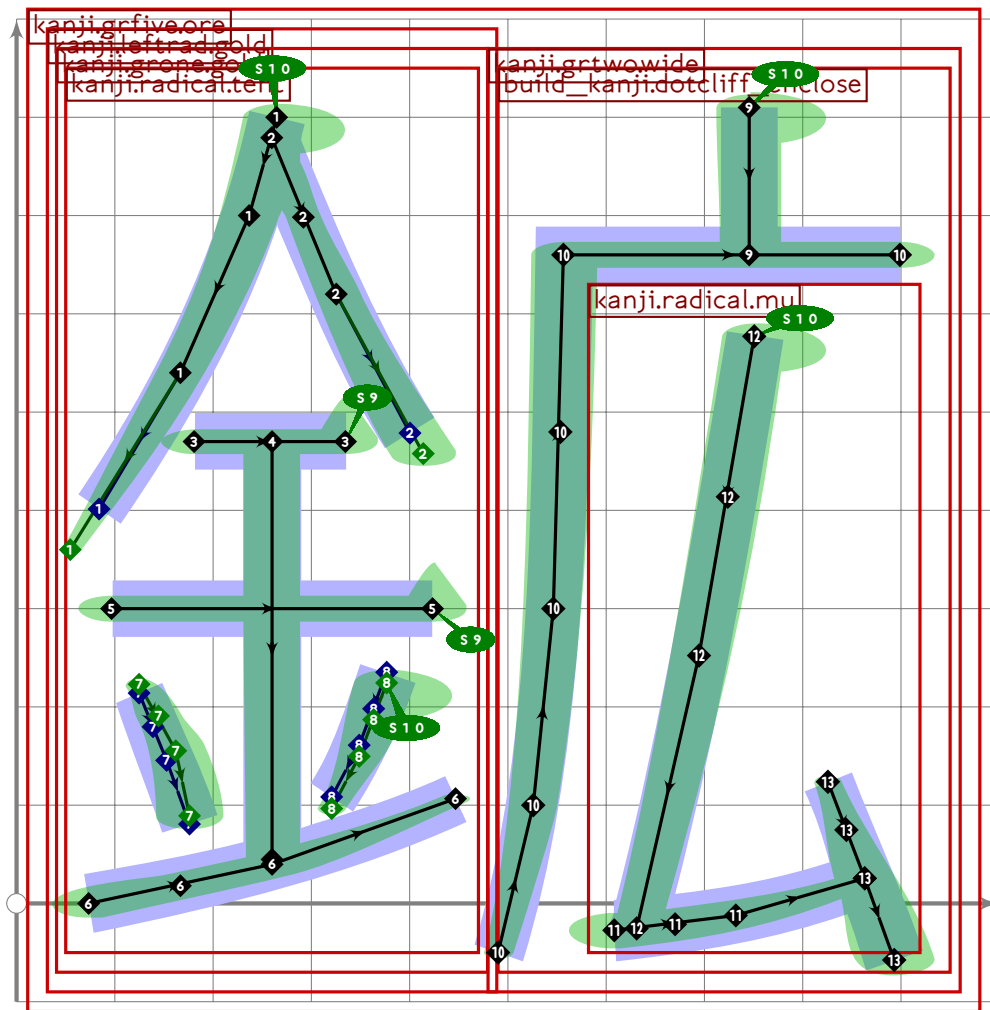
```



```

68
69 vardef kanji.grfive.copper =
70   push_pbox_toexpand("kanji.grfive.copper");
71   build_kanji.level(build_kanji.lr(480;20)
72     (kanji.leftrad.gold)
73     (kanji.grtwo.same));
74   expand_pbox;
75 enddef;

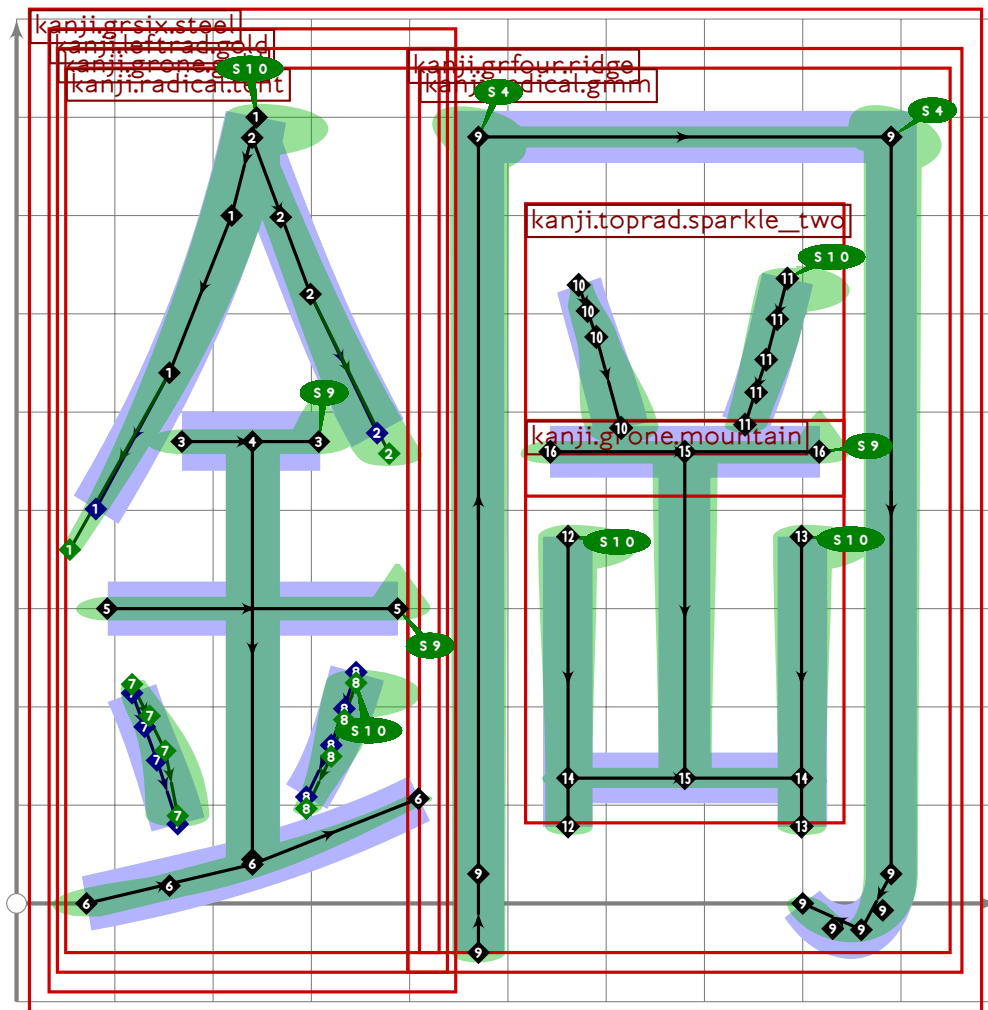
```



```

76
77 vardef kanji.grfive.ore =
78   push_pbox_toexpand("kanji.grfive.ore");
79   build_kanji.level(build_kanji.lr(480;20)
80     (kanji.leftrad.gold)
81     (kanji.grtwo.wide));
82   expand_pbox;
83 enddef;
84
85

```



```

86
87 vardef kanji.grsix.steel =
88   push_pbox_toexpand("kanji.grsix.steel");
89   build_kanji.lr(420,20)
90     (kanji.leftrad.gold)
91     (build_kanji.level(kanji.grfour.ridge));
92   expand_pbox;
93 enddef;
94
95
96
97 % tetsu/kurogane "iron"
98 begintsuglyph("uni9244",68);
99   kanji.grthree.iron;
100   tsu_render;
101 endtsuglyph;
102
103 % kou/aragane "ore"
104 begintsuglyph("uni9271",113);
105   kanji.grfive.ore;
106   tsu_render;

```

[see page 4171]

[see page 4174]

```

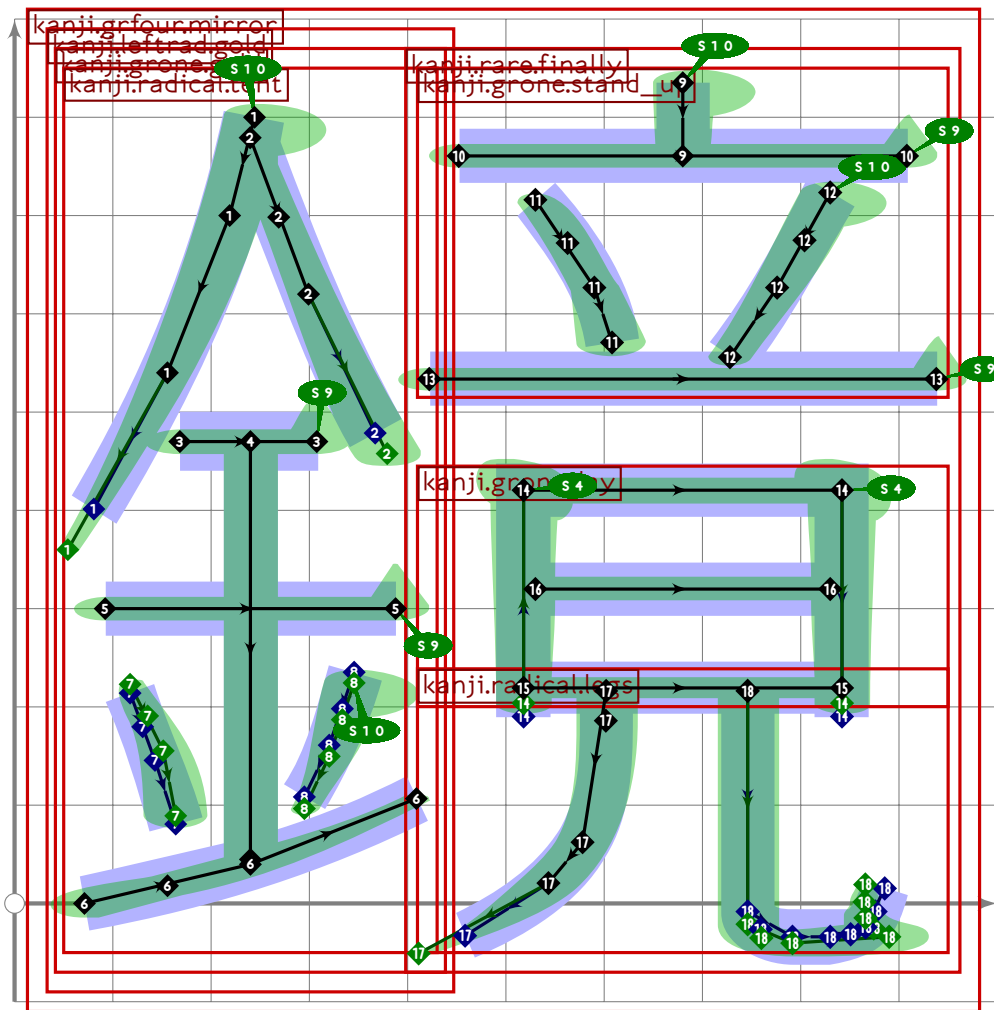
107 endtsuglyph;
108
109 % gin/shirogane "silver"
110 begintsuglyph("uni9280",128); [see page 671]
111   kanji.grthree.silver;
112   tsu_render;
113 endtsuglyph;
114
115 % dou/akagane "copper"
116 begintsuglyph("uni9285",133); [see page 4173]
117   kanji.grfive.copper;
118   tsu_render;
119 endtsuglyph;
120
121 % sen "hundredth of a yen"
122 begintsuglyph("uni92AD",173); [see page 4172]
123   kanji.grfive.cent;
124   tsu_render;
125 endtsuglyph;
126
127 % kou/hagane "steel"
128 begintsuglyph("uni92FC",252); [see page 4175]
129   kanji.grsix.steel;
130   tsu_render;
131 endtsuglyph;
132
133 _____
134
135 endfont;
136
137 _____

```


tsuku-93.mp

```
1 %
2 % Unicode page 93 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeone.mp;
38 input leftrad.mp;
39 input radical.mp;
40 input rare.mp;
41 input rightrad.mp;
42
43 do_late_includes;
44
45
```

U+93E1
tsuku.uni93E1

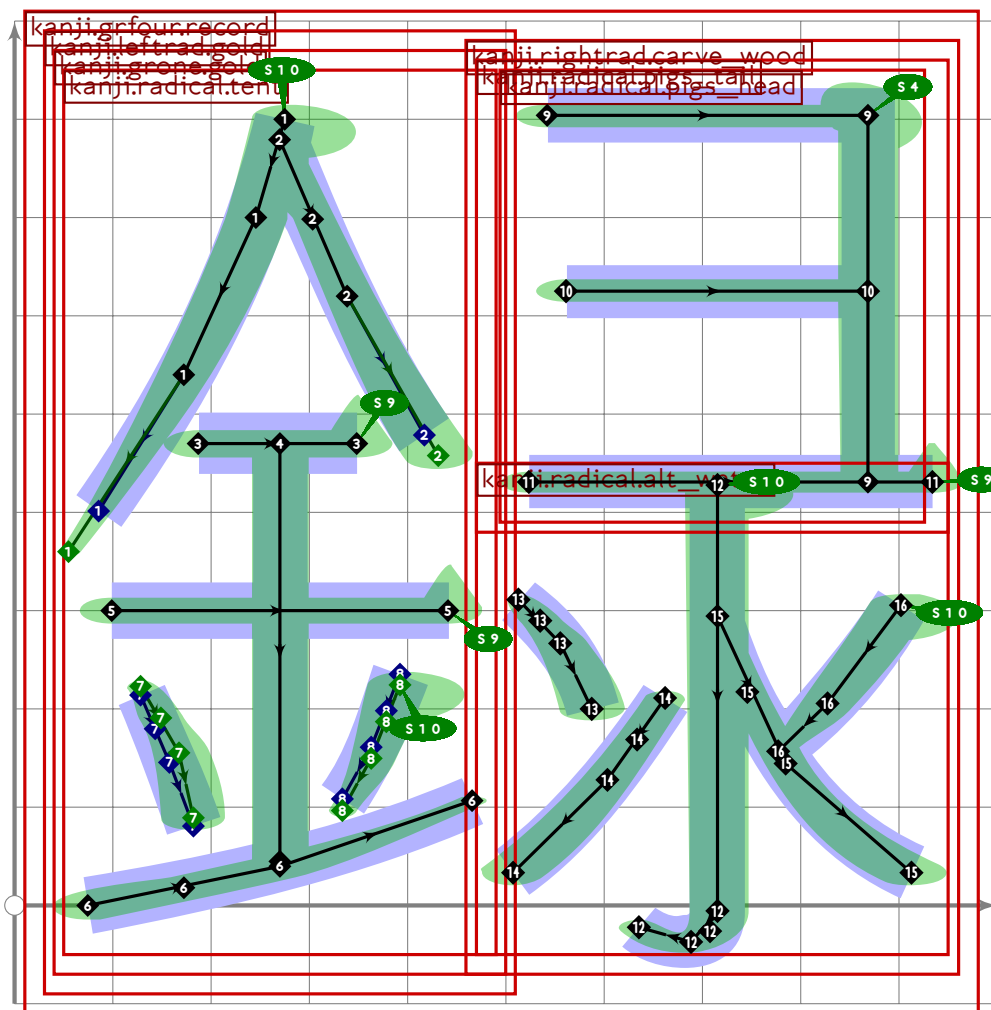


93

```

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

```



```

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

```

[see page 4179]

[see page 4178]

75 endtsuglyph;

76

77

78

79 endfont;

80

81

tsuku-95.mp

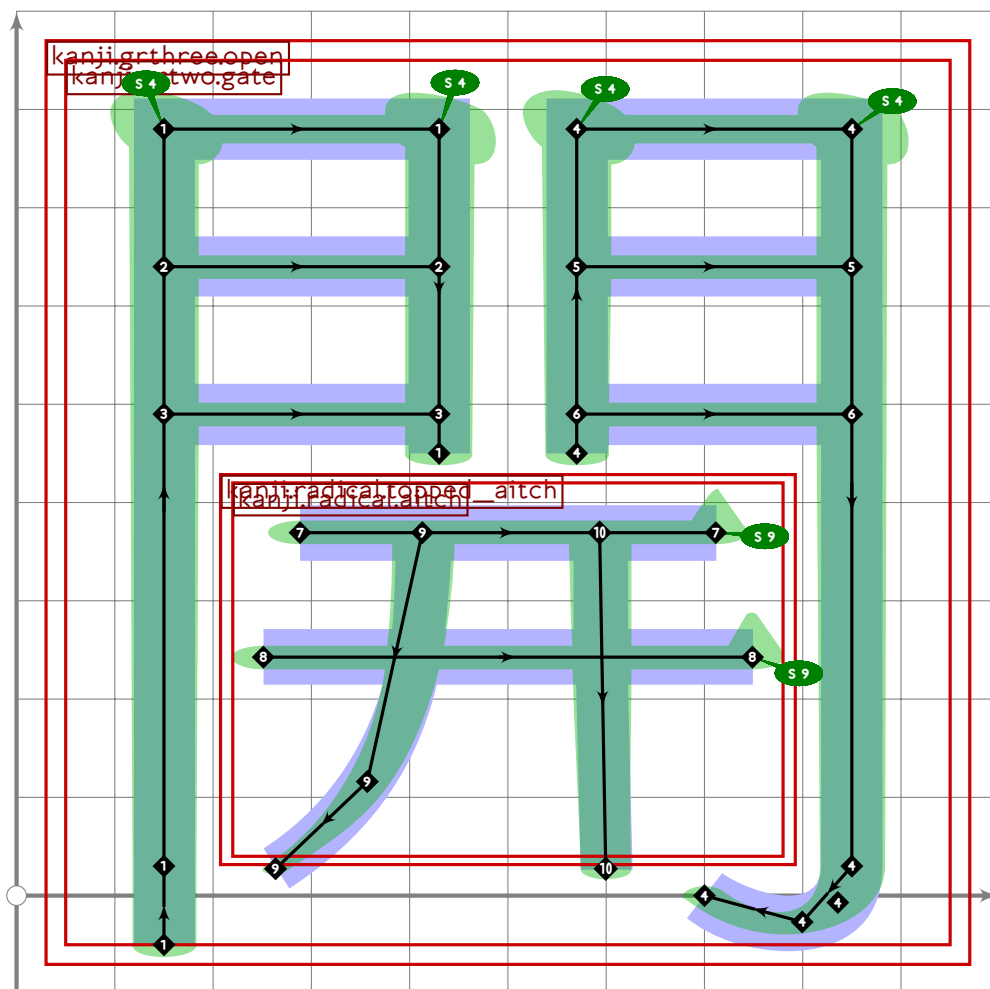
```
1 %
2 % Unicode page 95 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2018, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradethree.mp;
46 input gradetwo.mp;
47 input leftrad.mp;
48 input radical.mp;
49 input rare.mp;
50 input rightrad.mp;
51 input toprad.mp;
52
53 do_late_includes;
54
55 

---

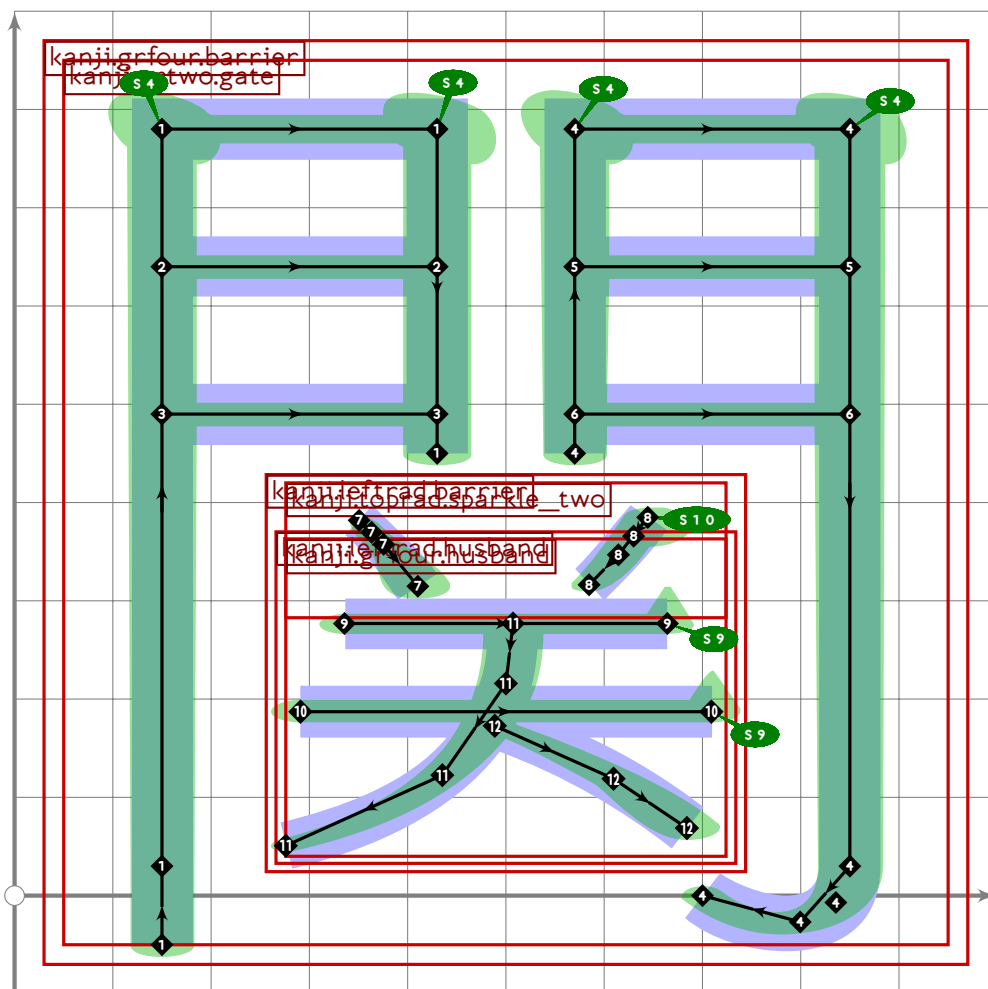

```



```

56
57 vardef kanji.grthree.open =
58   push_pbox_toexpand("kanji.grthree.open");
59   build_kanji.gate_enclose(kanji.radical.topped_aitch);
60   expand_pbox;
61 enddef;
62
63

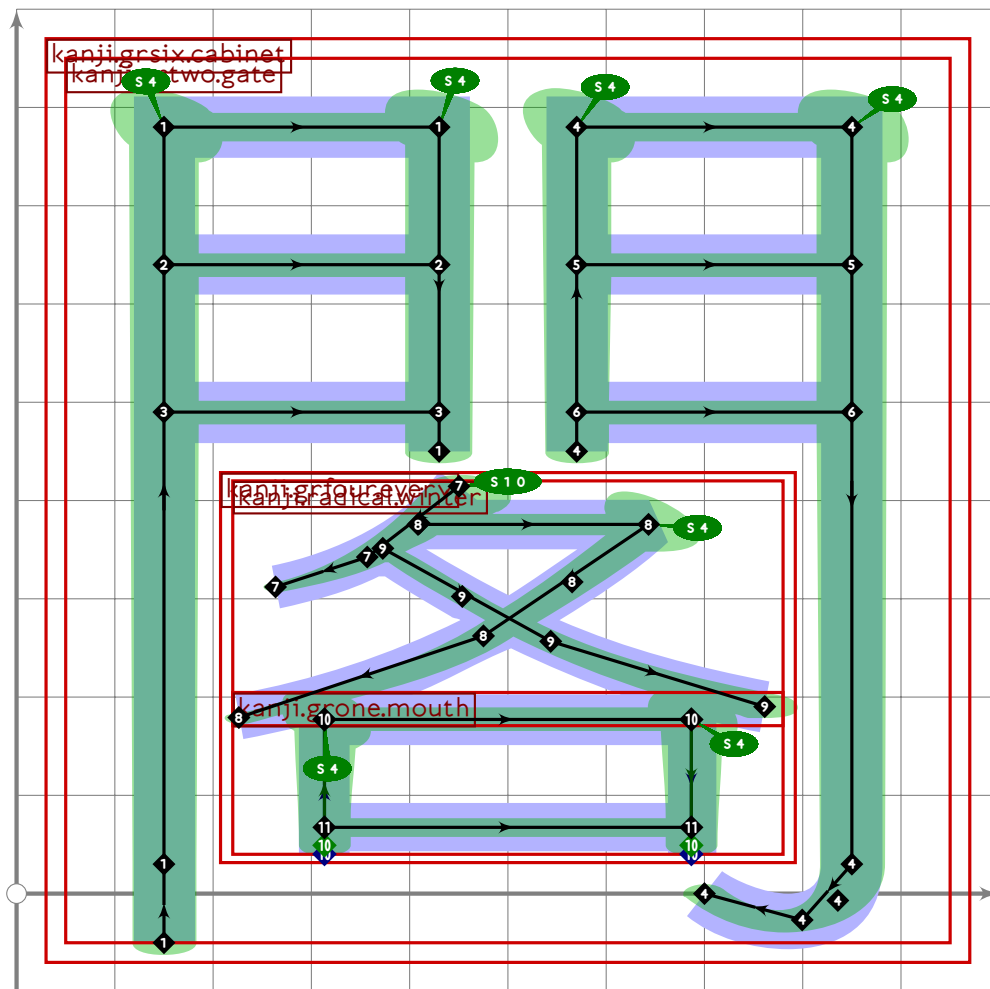
```



```

64
65 vardef kanji.grfour.barrier =
66   push_pbox_toexpand("kanji.grfour.barrier");
67   build_kanji.gate_enclose(build_kanji.sscale(xscaled 0.8)
68     (kanji.leftrad.barrier));
69   expand_pbox;
70 enddef;
71
72

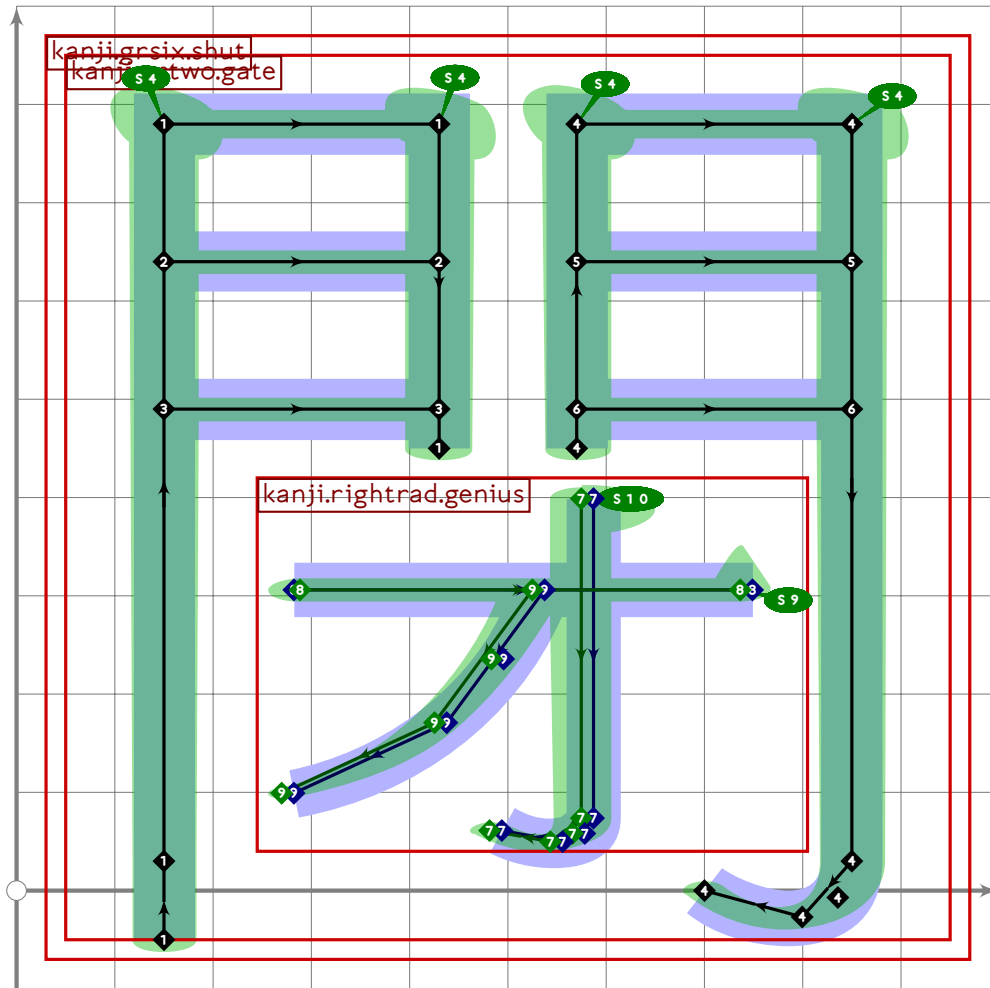
```



```

73
74 vardef kanji.grsix.cabinet =
75   push_pbox_toexpand("kanji.grsix.cabinet");
76   build_kanji.gate_enclose(kanji.grfour.every);
77   expand_pbox;
78 enddef;

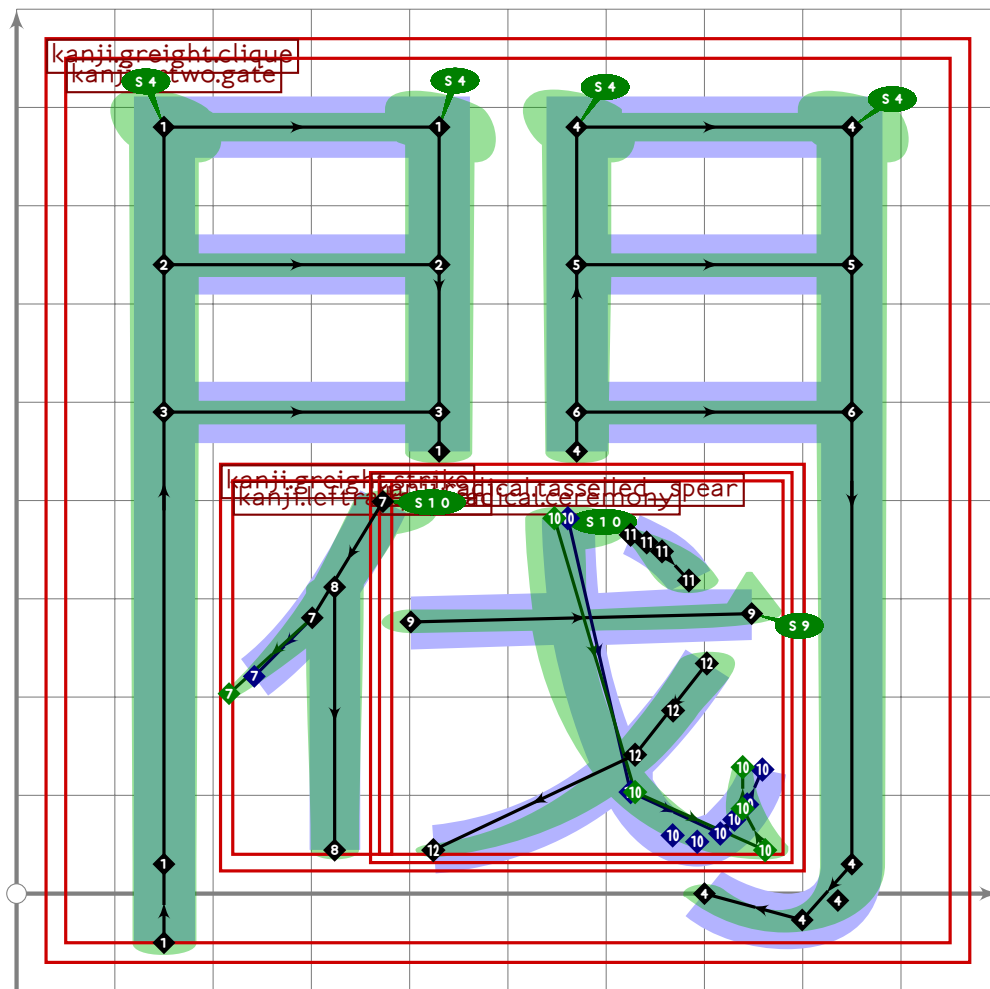
```

```

79
80 vardef kanji.grsix.shut =
81   push_pbox_toexpand("kanji.grsix.shut");
82   build_kanji.gate_enclose(build_kanji.sscale(shifted (40-20*mincho,0)))
83     (kanji.rightrad.genius));
84   expand_pbox;
85 enddef;
86
87

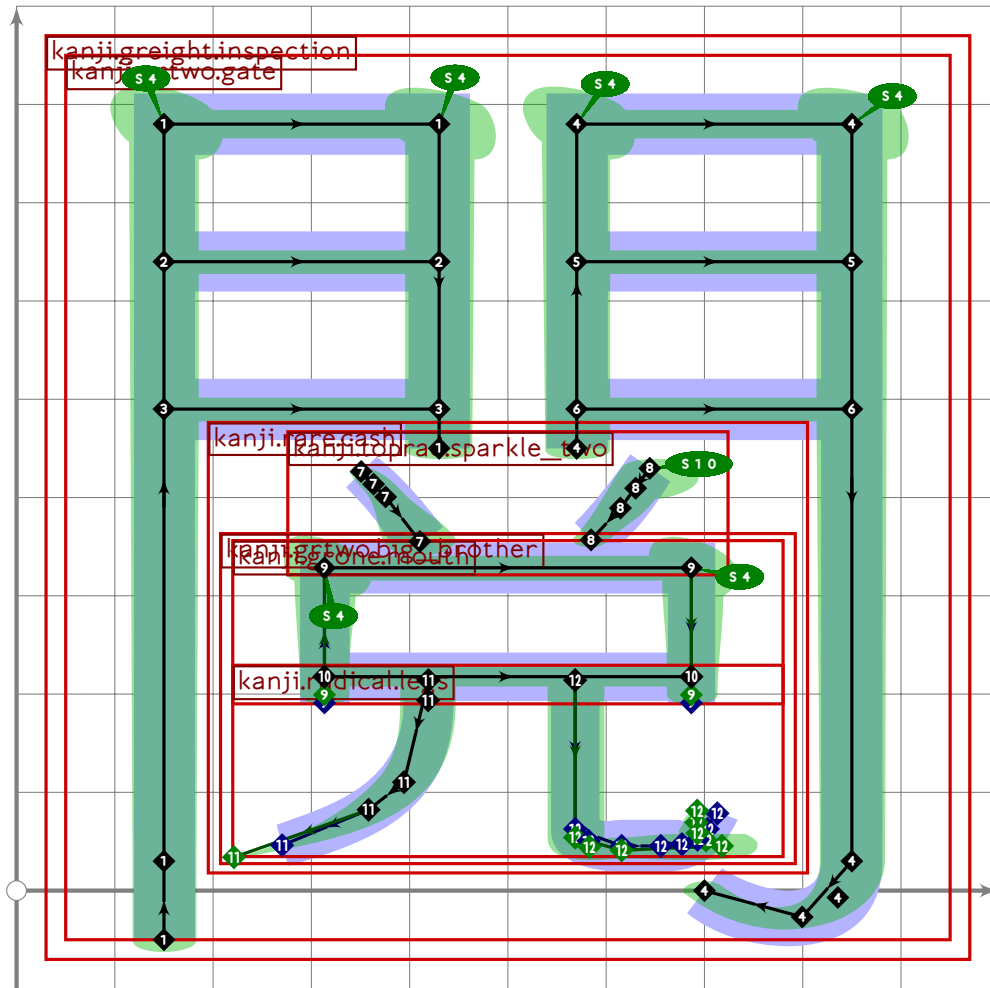
```



```

88
89 vardef kanji.greight.clique =
90   push_pbox_toexpand("kanji.greight.clique");
91   build_kanji.gate_enclose(kanji.greight.strike);
92   expand_pbox;
93 enddef;

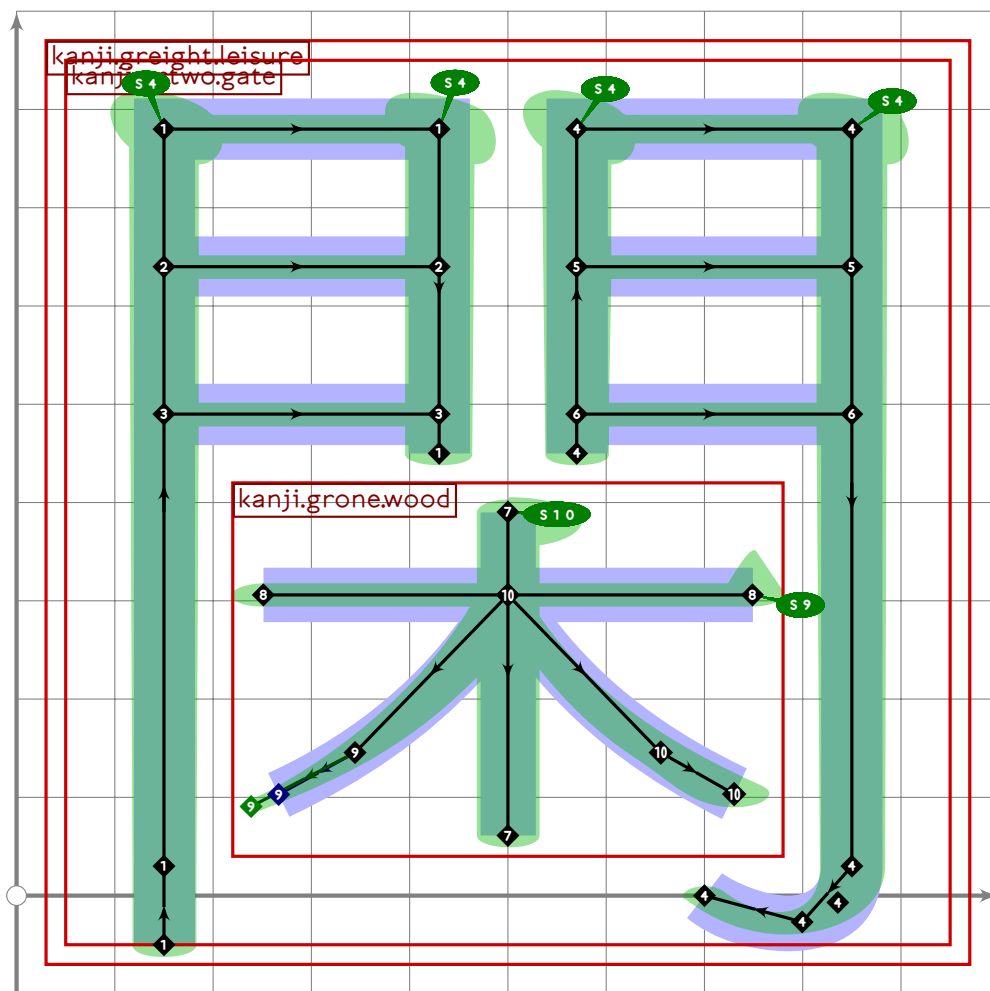
```



```

94
95 vardef kanji.greight.inspection =
96   push_pbox_toexpand("kanji.greight.inspection");
97   build_kanji.gate_enclose(build_kanji.sscale(yscaled 1.12 shifted (040))
98     (kanji.rare.cash));
99   expand_pbox;
100 enddef;

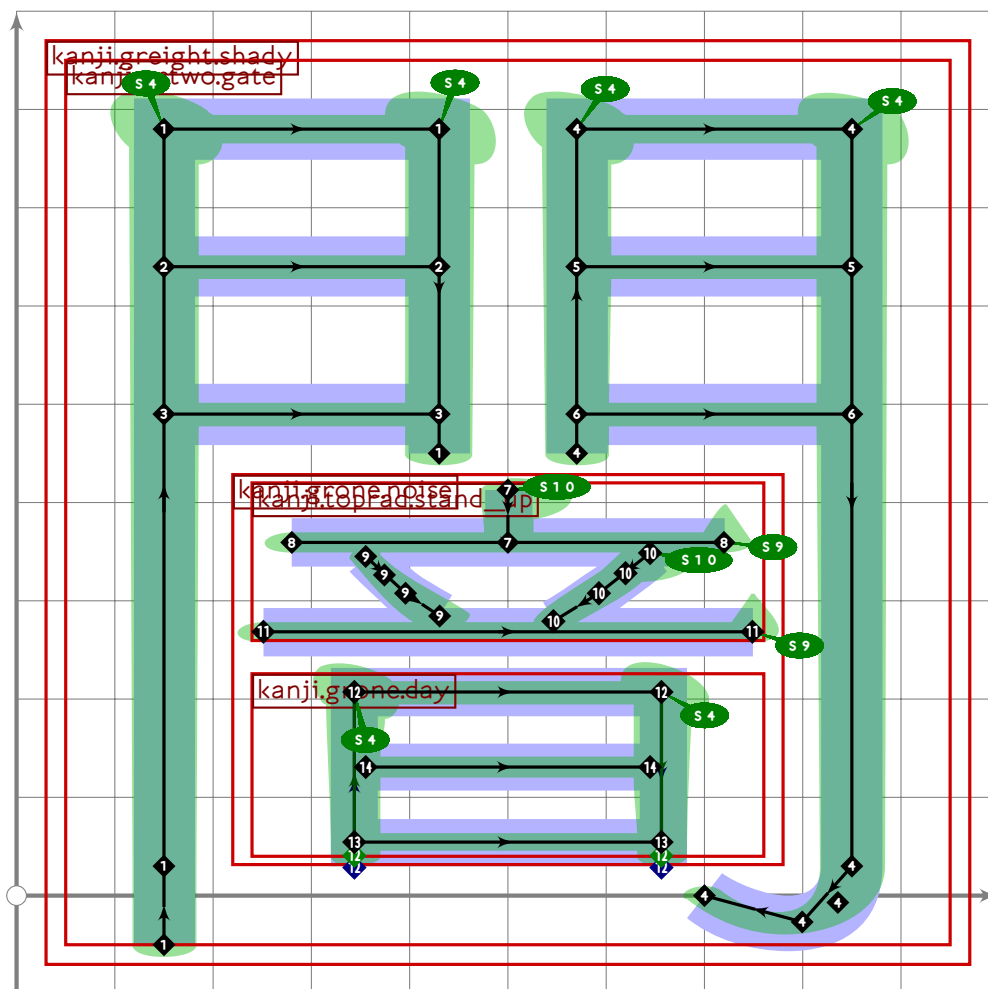
```



```

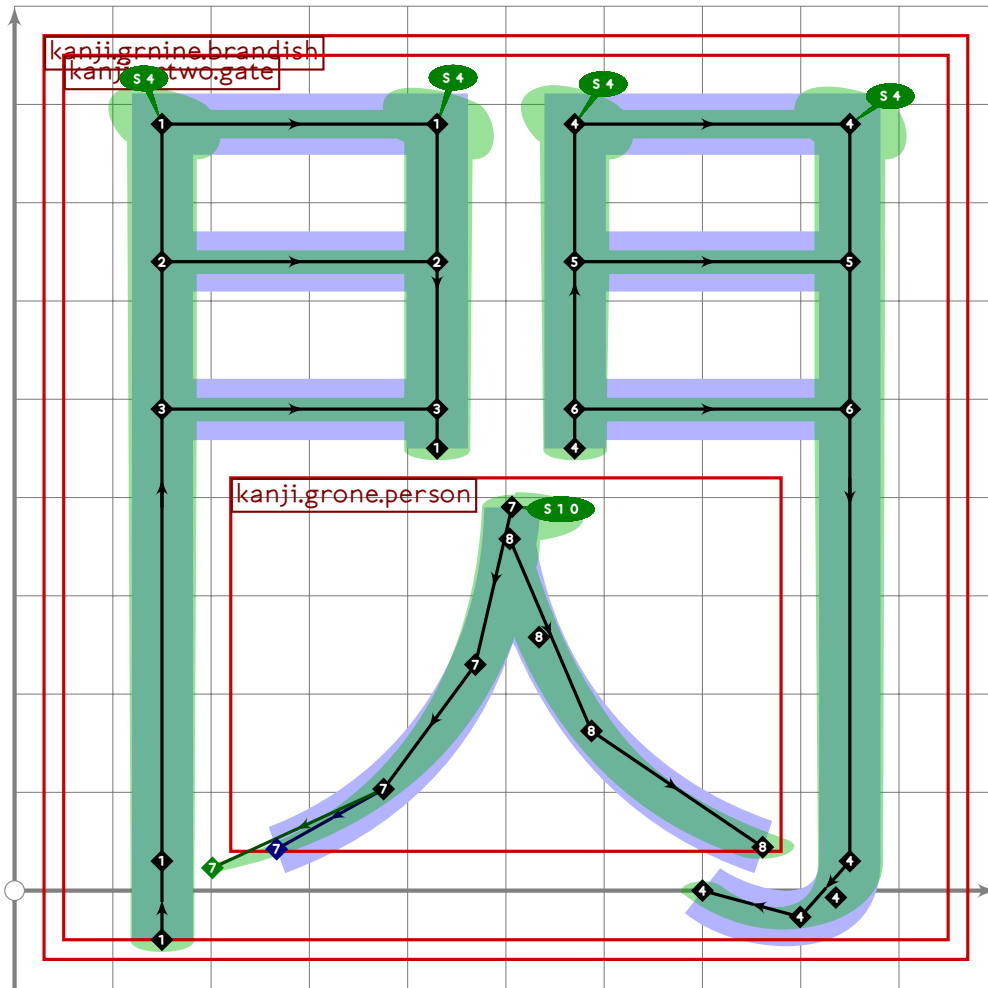
101
102 vardef kanji.greight.leisure =
103   push_pbox__toexpand("kanji.greight.leisure");
104   build_kanji.gate_enclose(kanji.grone.wood);
105   expand_pbox;
106 enddef;

```



```

107
108 vardef kanji.greight.shady =
109   push_pbox_toexpand("kanji.greight.shady");
110   build_kanji.gate_enclose(kanji.grone.noise);
111   expand_pbox;
112 enddef;
113
114
```



```

115
116 vardef kanji.grnine.brandish =
117   push_pbox_toexpand("kanji.grnine.brandish");
118   build_kanji.gate_enclose(kanji.grone.person);
119   expand_pbox;
120 enddef;
121
122
123
124 vardef kanji.leftrad.barrier =
125   push_pbox_toexpand("kanji.leftrad.barrier");
126   build_kanji.tb(620,190)
127     (kanji.toprad.sparkle_two)
128     (kanji.leftrad.husband;
129     replace_stroke(-1)(subpath
130       (xpart (oldp intersectiontimes get_stroke(-3)),infinity) of oldp);
131     set_boserif(-1,0,whatever));
132   expand_pbox;
133 enddef;
134
135

```

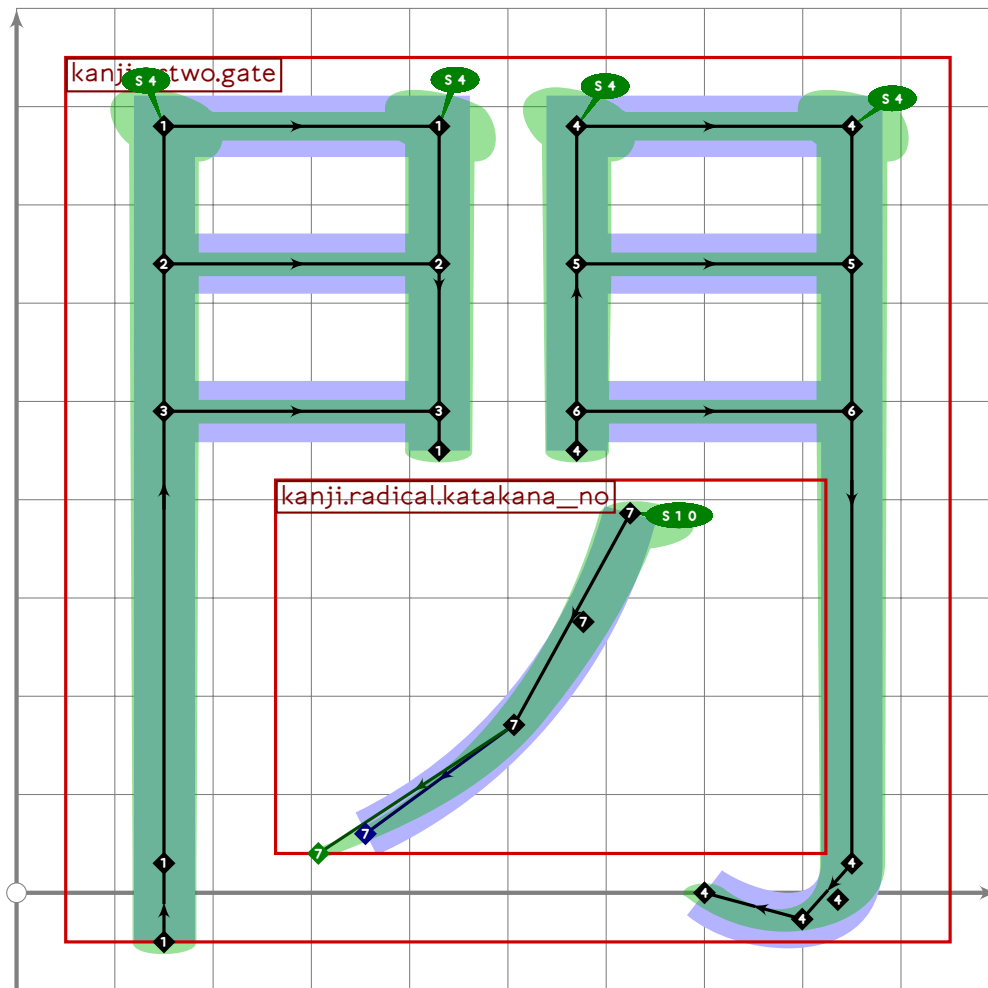
```

136
137 % chou/naga "long"
138 begintsuglyph("uni9577",119);
139 kanji.grtwo.long;
140 tsu_render;
141 endtsuglyph;
142
143 % mon/kado "gate"
144 begintsuglyph("uni9580",128);
145 kanji.grtwo.gate;
146 tsu_render;
147 endtsuglyph;
148

```

[see page 543]

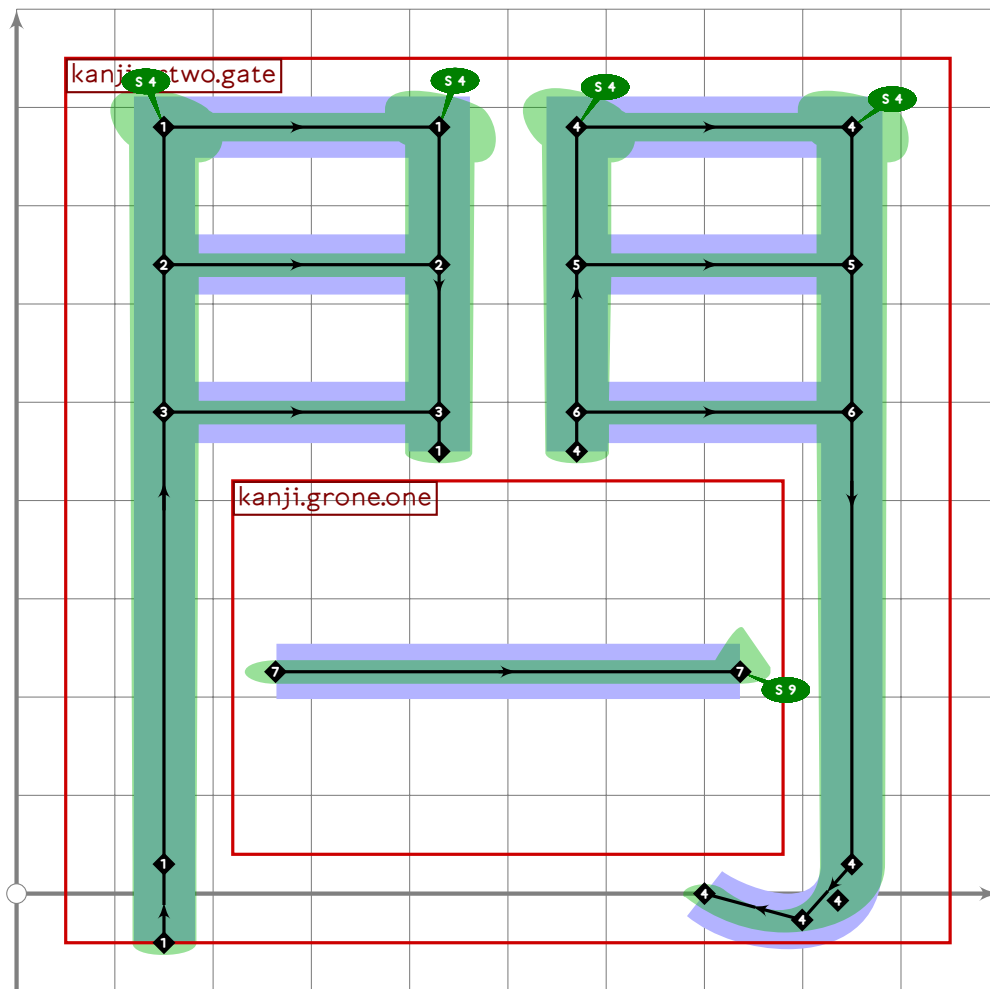
[see page 526]



```

149 % extra
150 begintsuglyph("uni9581",129);
151 build_kanji.gate_enclose(build_kanji.sscale(shifted (70,0))
152 (kanji.radical.katakana_no));
153 tsu_render;
154 endtsuglyph;
155

```

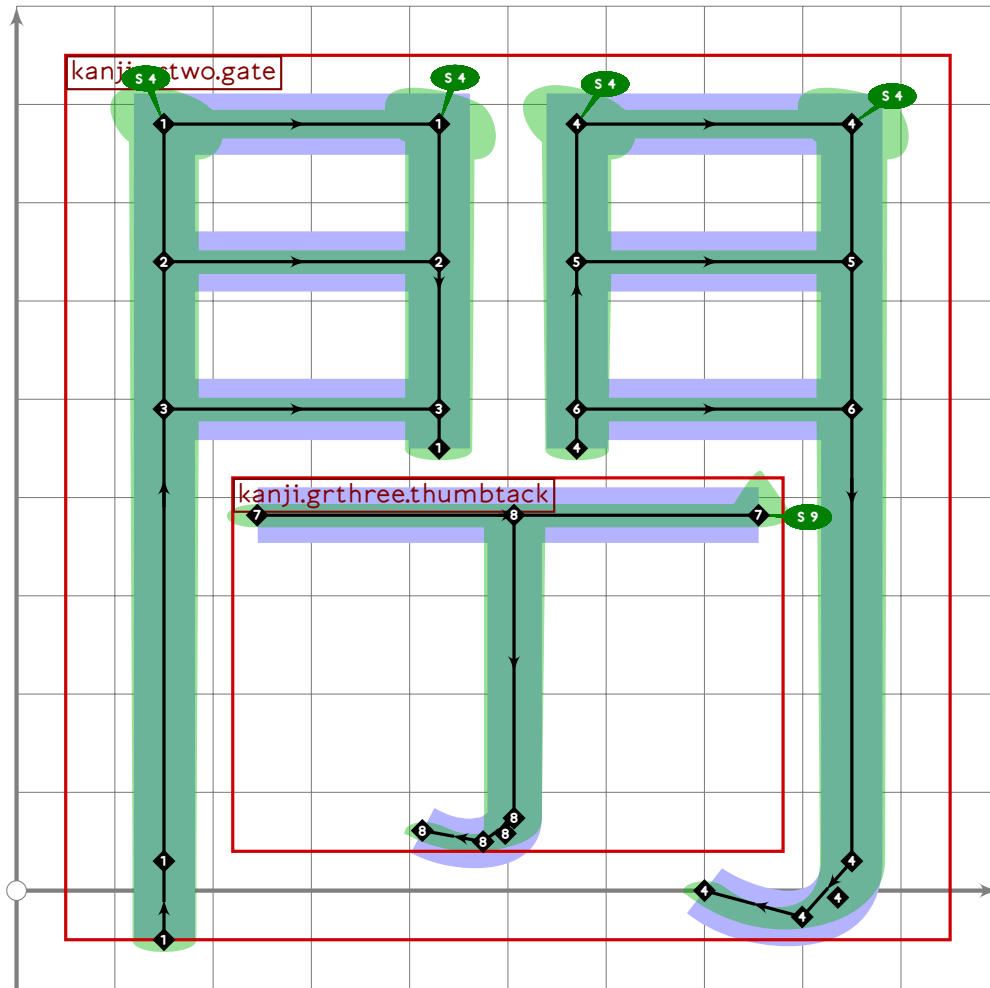


```

156 % extra
157 begintsuglyph("uni9582";130);
158   build_kanji.gate_enclose(kanji.grone.one);
159   tsu_render;
160 endtsuglyph;
161
162 % sen/hirame "brandish"
163 begintsuglyph("uni9583";131);
164   kanji.grnine.brandish;
165   tsu_render;
166 endtsuglyph;
167

```

[see page 4190]

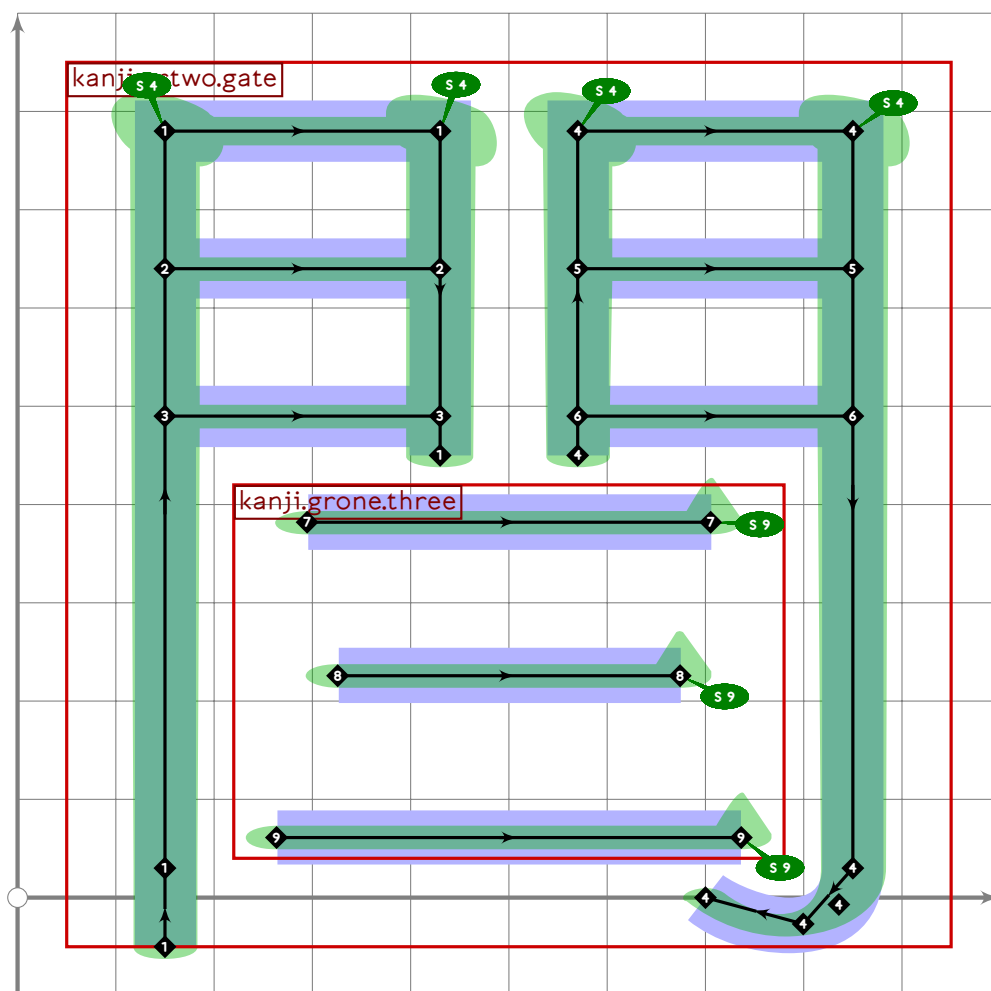


```

168 % extra
169 begintsuglyph("uni9585",133);
170   build_kanji.gate_enclose(kanji.grthree.thumbtack);
171   tsu_render;
172 endtsuglyph;
173

```

U+9586
tsuku.uni9586

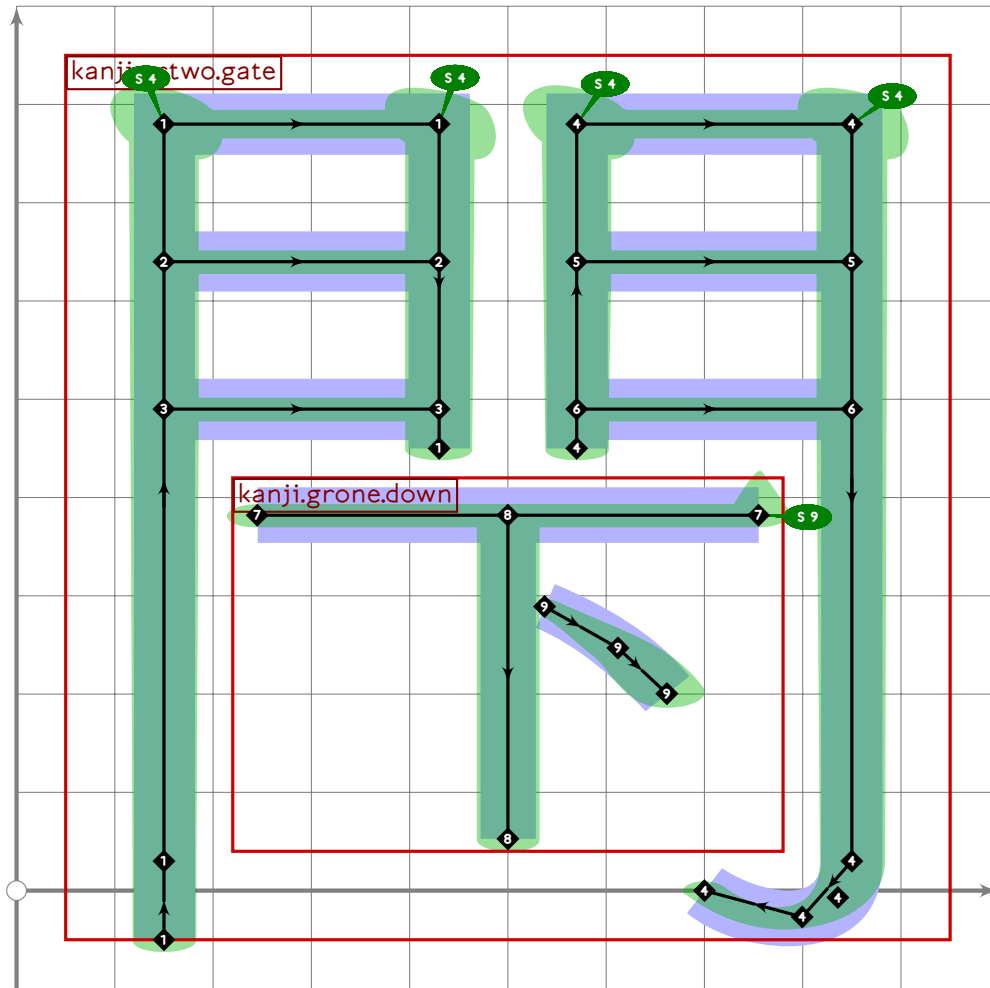


95

```

174 % extra
175 begintsuglyph("uni9586",134);
176   build_kanji.gate_enclose(kanji.grone.three);
177   tsu_render;
178 endtsuglyph;
179

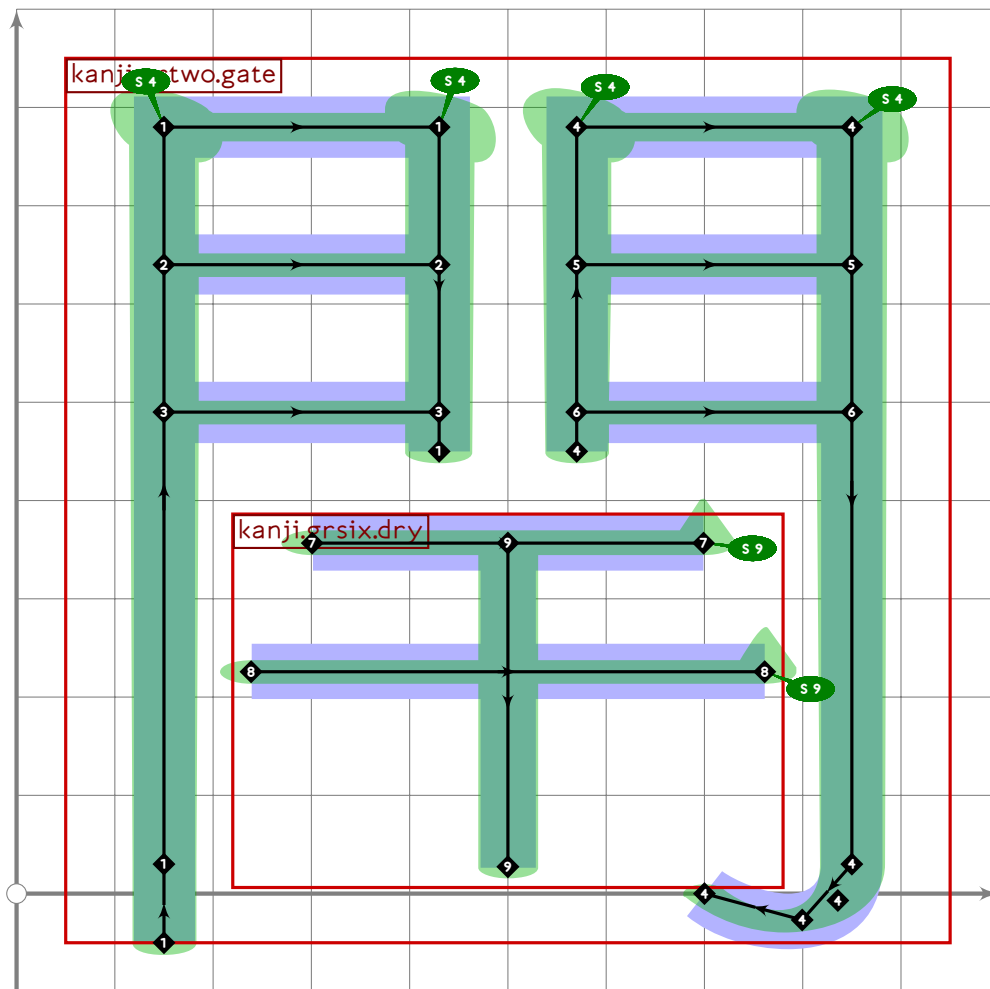
```



```

180 % hei/to "block up"
181 begintsuglyph("uni9587";135);
182   build_kanji.gate_enclose(kanji.grone.down);
183   tsu_render;
184 endtsuglyph;
185

```

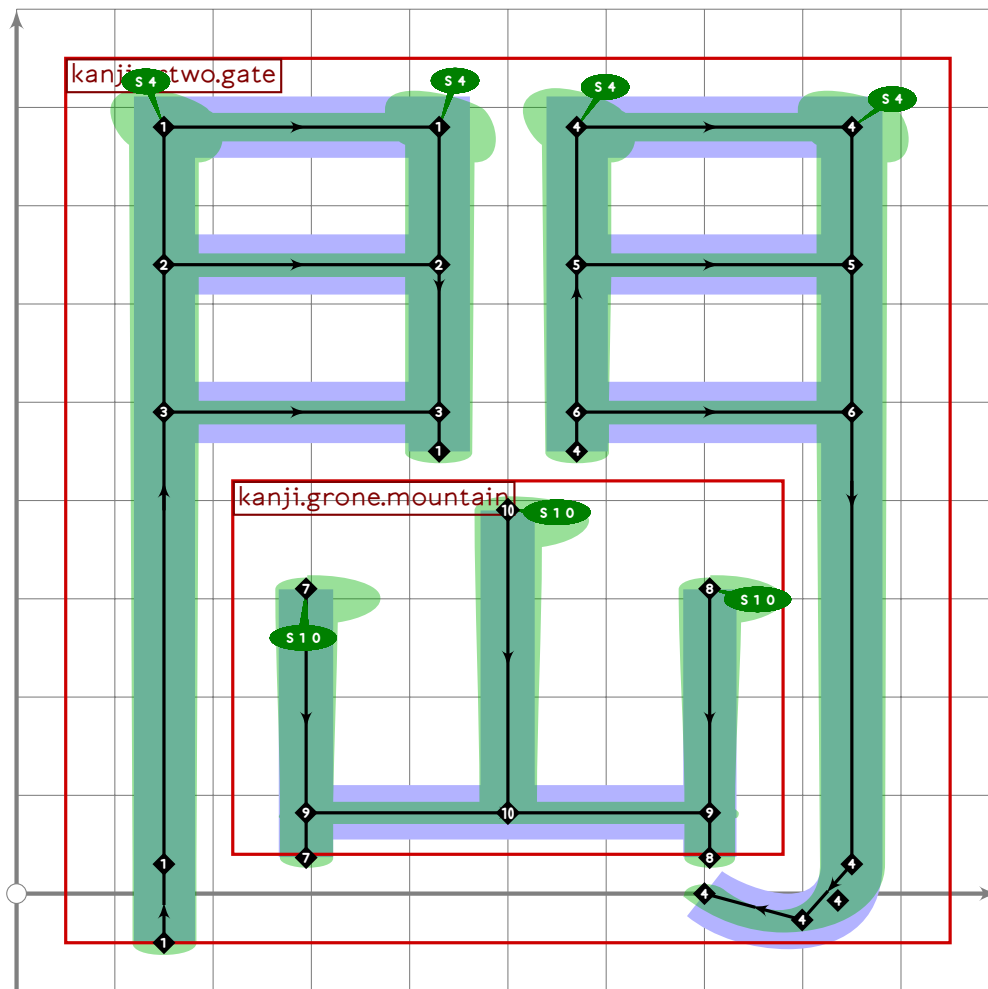


```

186 % extra: kan/sato "village"
187 begintsuglyph("uni9588",136);
188   build_kanji.gate_enclose(build_kanji.scale(shifted (0,80))
189     (kanji.grsix.dry));
190   tsu_render;
191 endtsuglyph;
192
193 % hei/tojiru "shut"
194 begintsuglyph("uni9589",137);
195   kanji.grsix.shut;
196   tsu_render;
197 endtsuglyph;
198

```

[see page 4185]

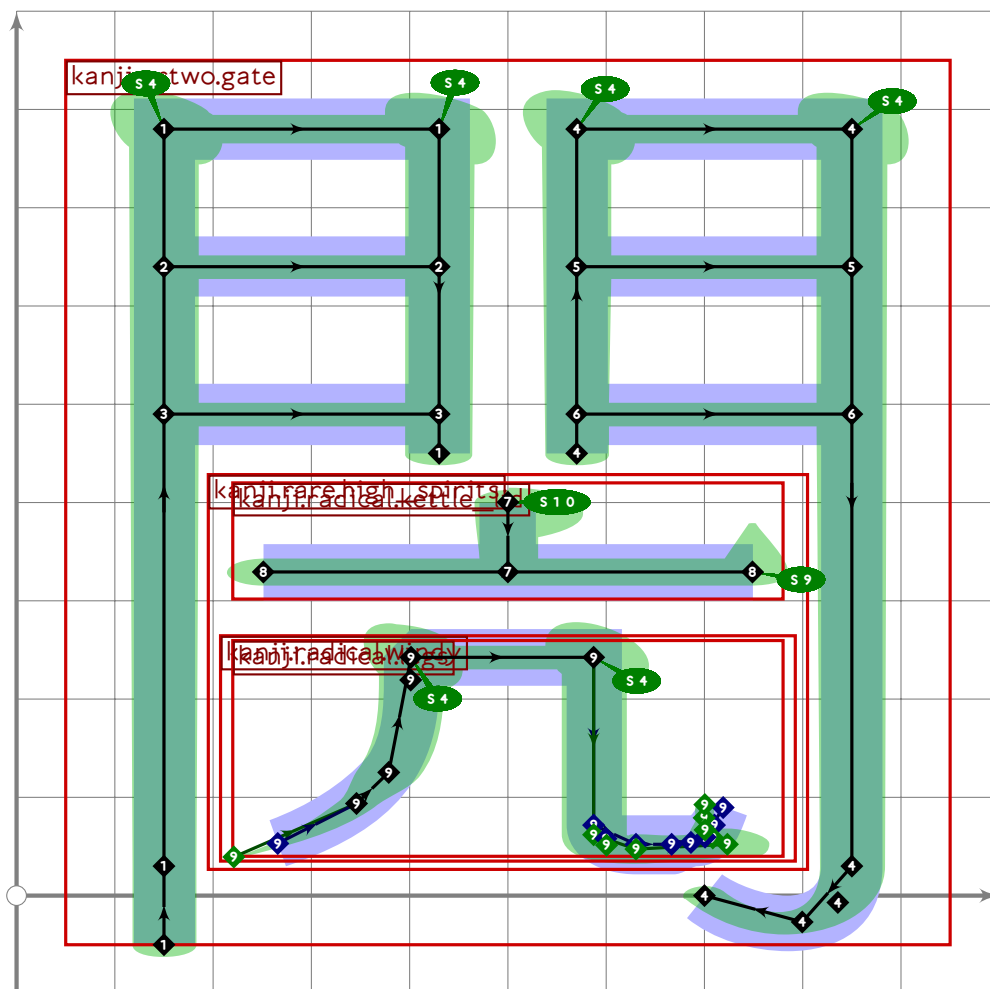


```

199 % tsuka "choke"
200 begintsuglyph("uni958A",138);
201   build_kanji.gate_enclose(kanji.grone.mountain);
202   tsu_render;
203 endtsuglyph;
204
205 % kai/hira "open"
206 begintsuglyph("uni958B",139);
207   kanji.grthree.open;
208   tsu_render;
209 endtsuglyph;
210

```

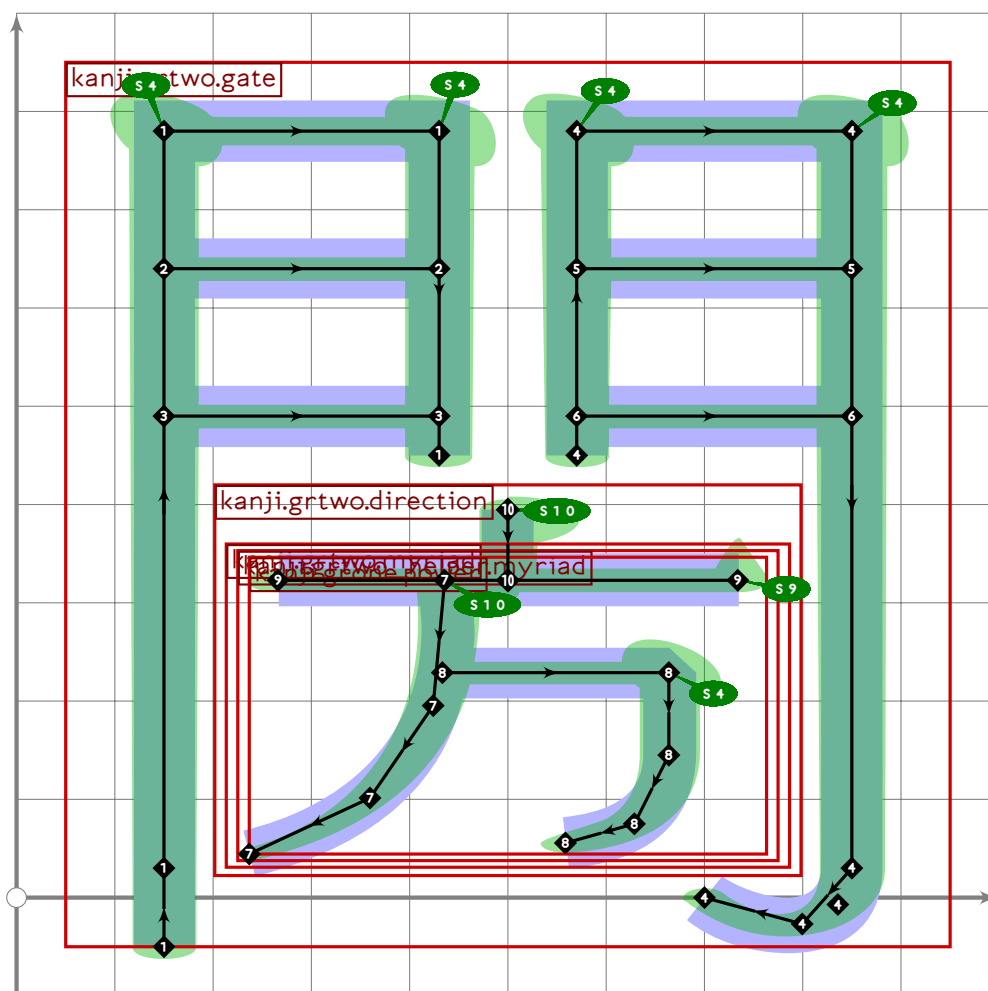
[see page 4182]



```

211 % extra: kou "door"
212 begintsuglyph("uni958C";140);
213   build_kanji.gate_enclose(kanji.rare.high_spirits);
214   tsu_render;
215 endtsuglyph;
216

```

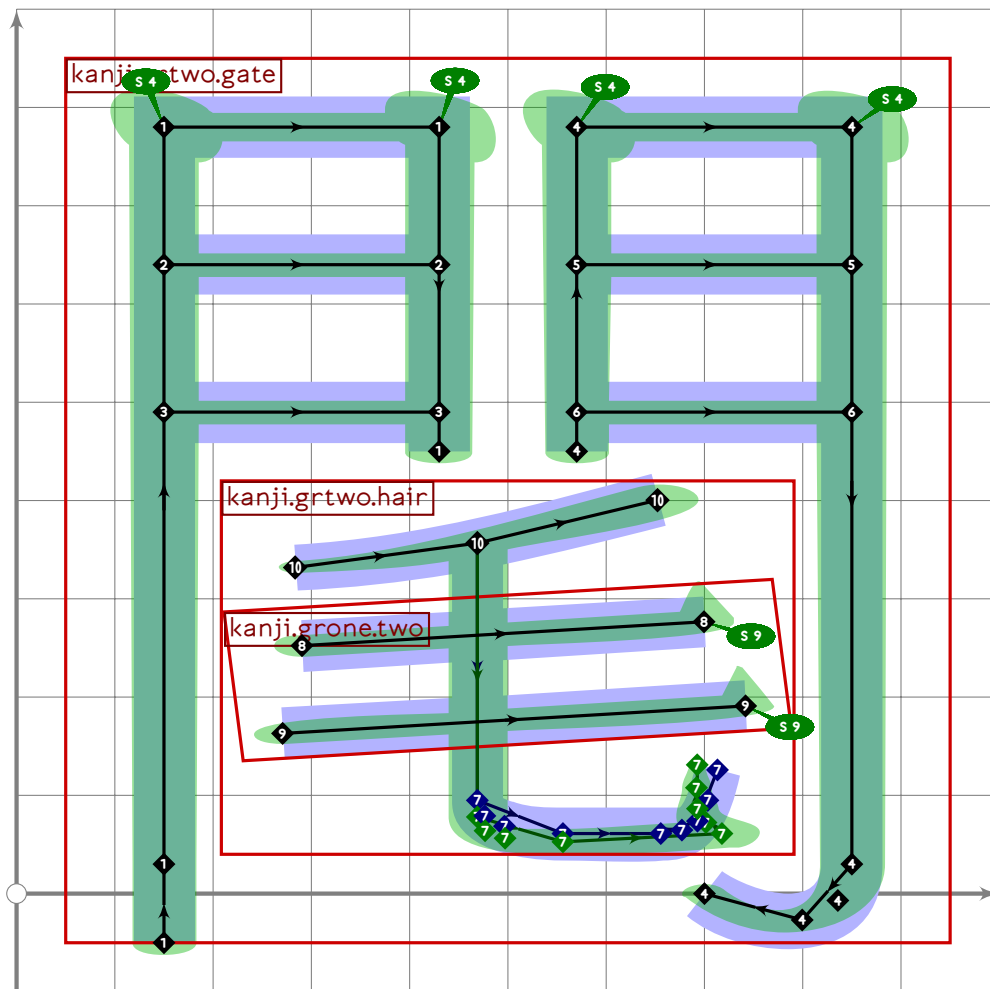


```

217 % extra: kou "door"
218 begintsuglyph("uni958D",141);
219   build_kanji.gate_enclose(build_kanji.sscale(xscaled 0.94)
220     (kanji.grtwo.direction));
221   tsu_render;
222 endtsuglyph;
223
224 % jun/uruu "leap year"
225 begintsuglyph("uni958F",143);
226   kanji.grnine.leap_year;
227   tsu_render;
228 endtsuglyph;
229

```

[see page 1005]

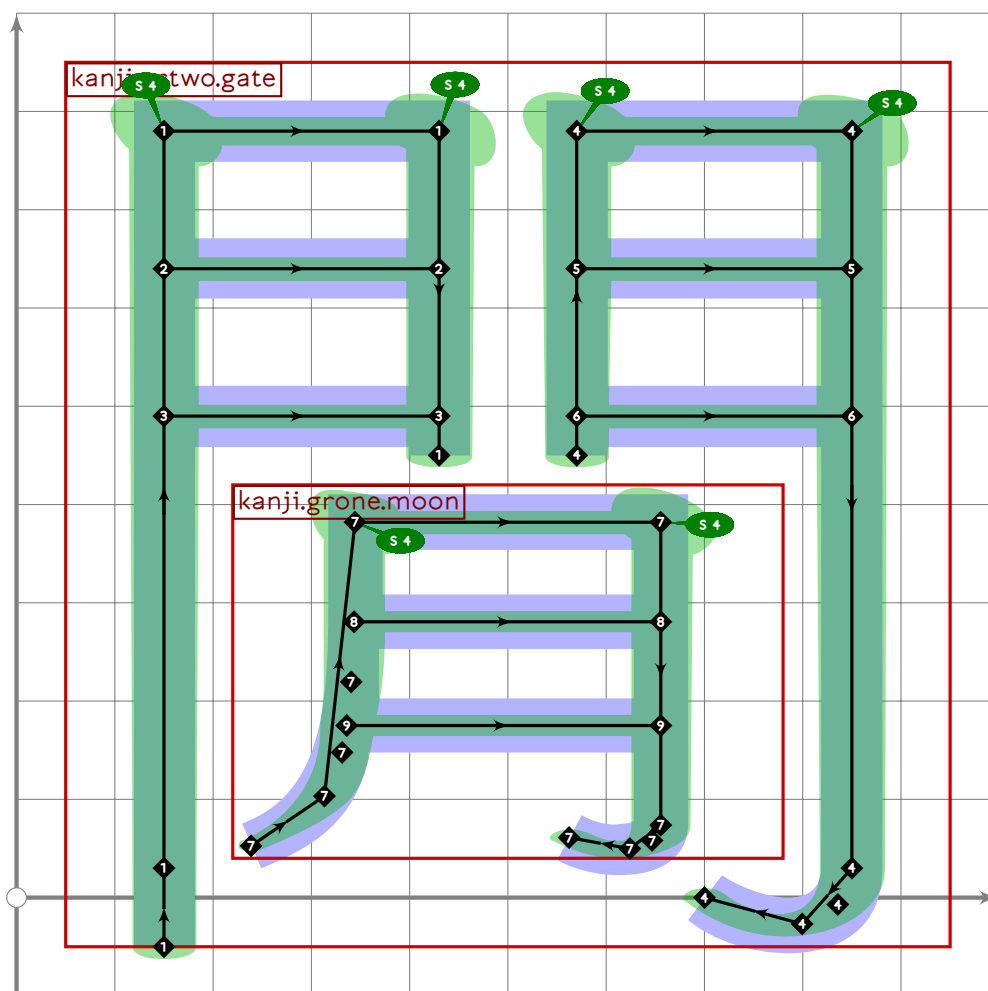


```

230 % extra
231 begintsuglyph("uni9590",144);
232   build_kanji.gate_enclose(kanji.grtwo.hair);
233   tsu_render;
234 endtsuglyph;
235
236 % kan/hima "leisure"
237 begintsuglyph("uni9591",145);
238   kanji.greight.leisure;
239   tsu_render;
240 endtsuglyph;
241

```

[see page 4188]



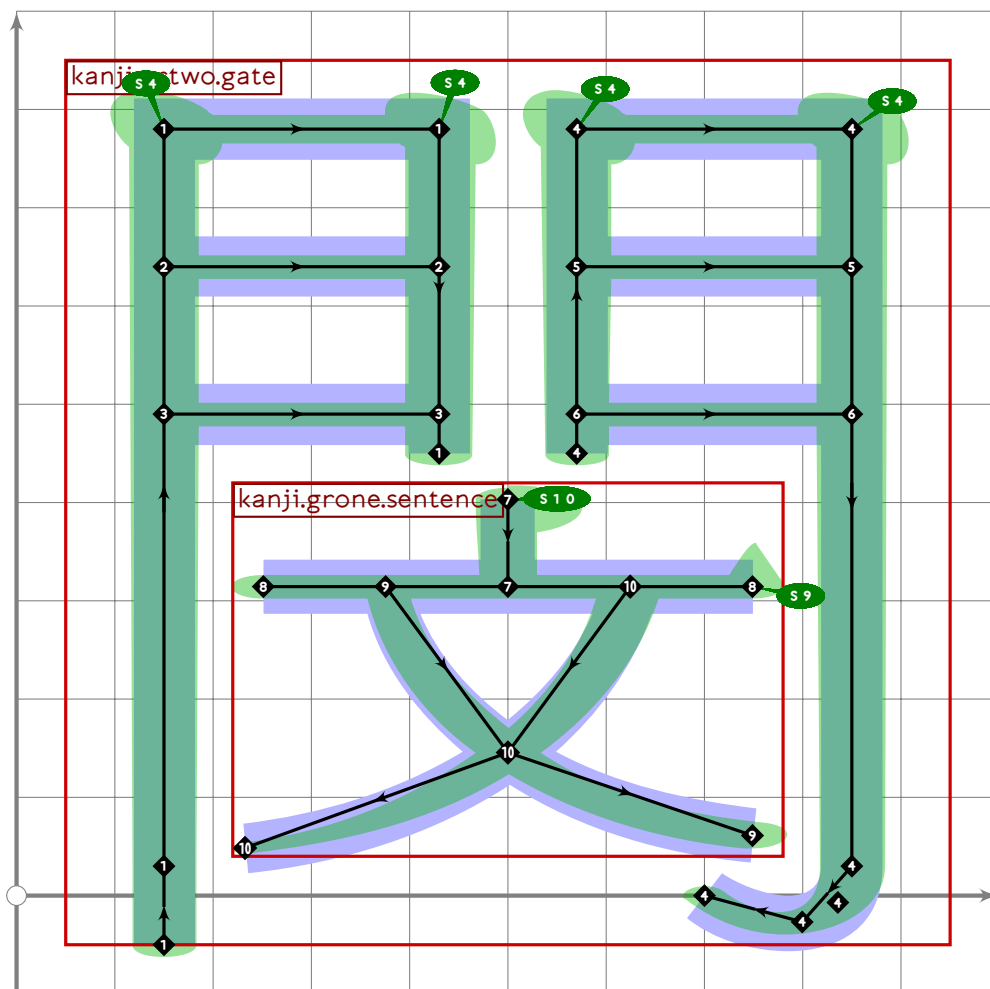
```

242 % extra
243 begintsuglyph("uni9592";146);
244   build_kanji.gate_enclose(kanji.grone.moon);
245   tsu_render;
246 endtsuglyph;
247
248 % kan/aida "interval"
249 begintsuglyph("uni9593";147);
250   kanji.grtwo.interval;
251   tsu_render;
252 endtsuglyph;
253

```

[see page 536]

U+9594
tsuku.uni9594

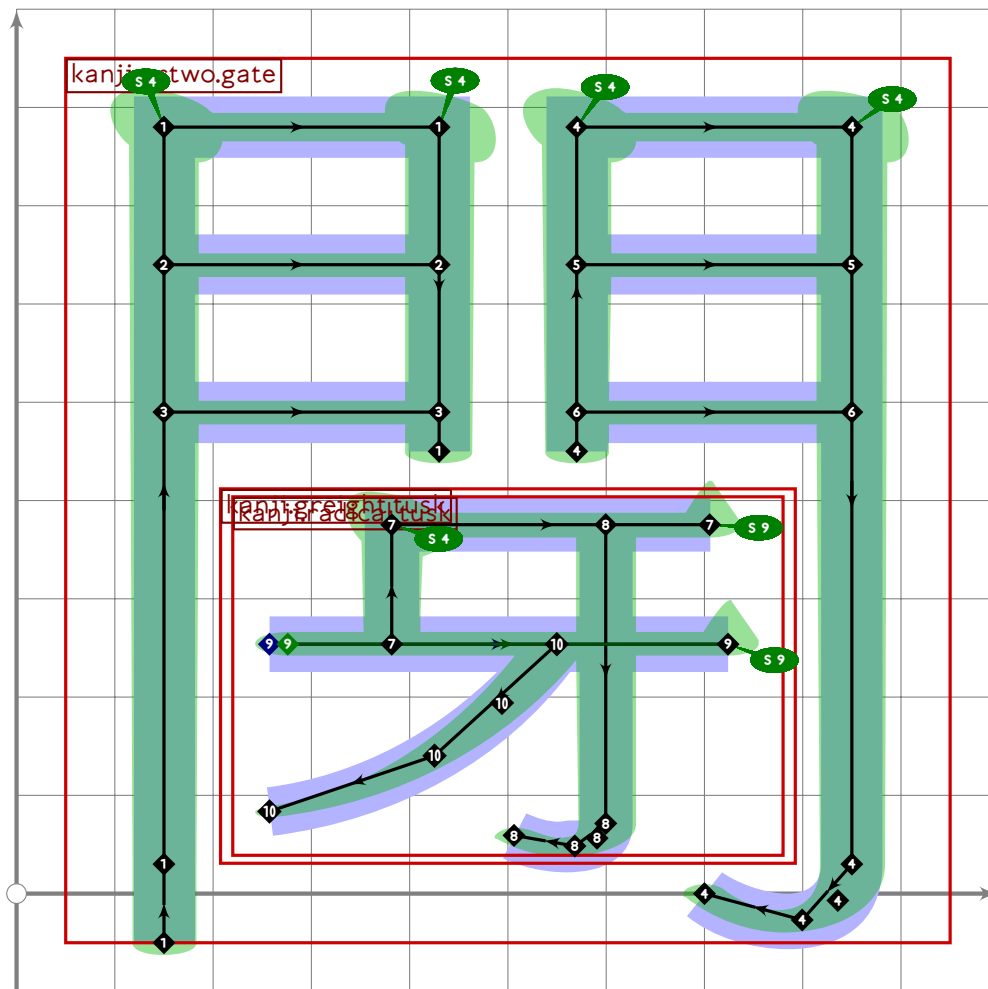


95

```

254 % extra: bin/awaremu "commiserate"
255 begintsuglyph("uni9594";148);
256   build_kanji.gate_enclose(kanji.grone.sentence);
257   tsu_render;
258 endtsuglyph;
259

```

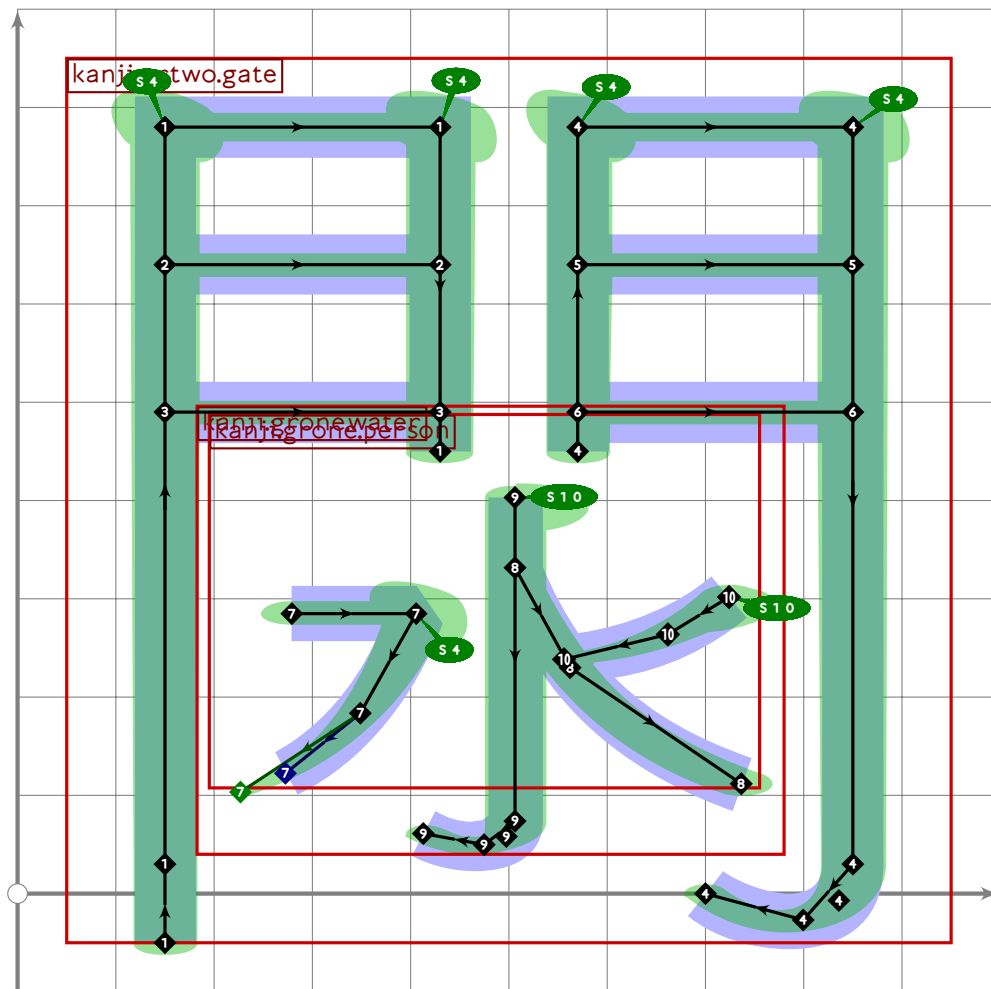


```

260 % extra
261 begintsuglyph("uni9595";149);
262   build_kanji.gate_enclose(build_kanji.sscale(yscaled 0.96 shifted (0;20))
263     (kanji.greight.tusk));
264   tsu_render;
265 endtsuglyph;
266

```

U+9596
tsuku.uni9596

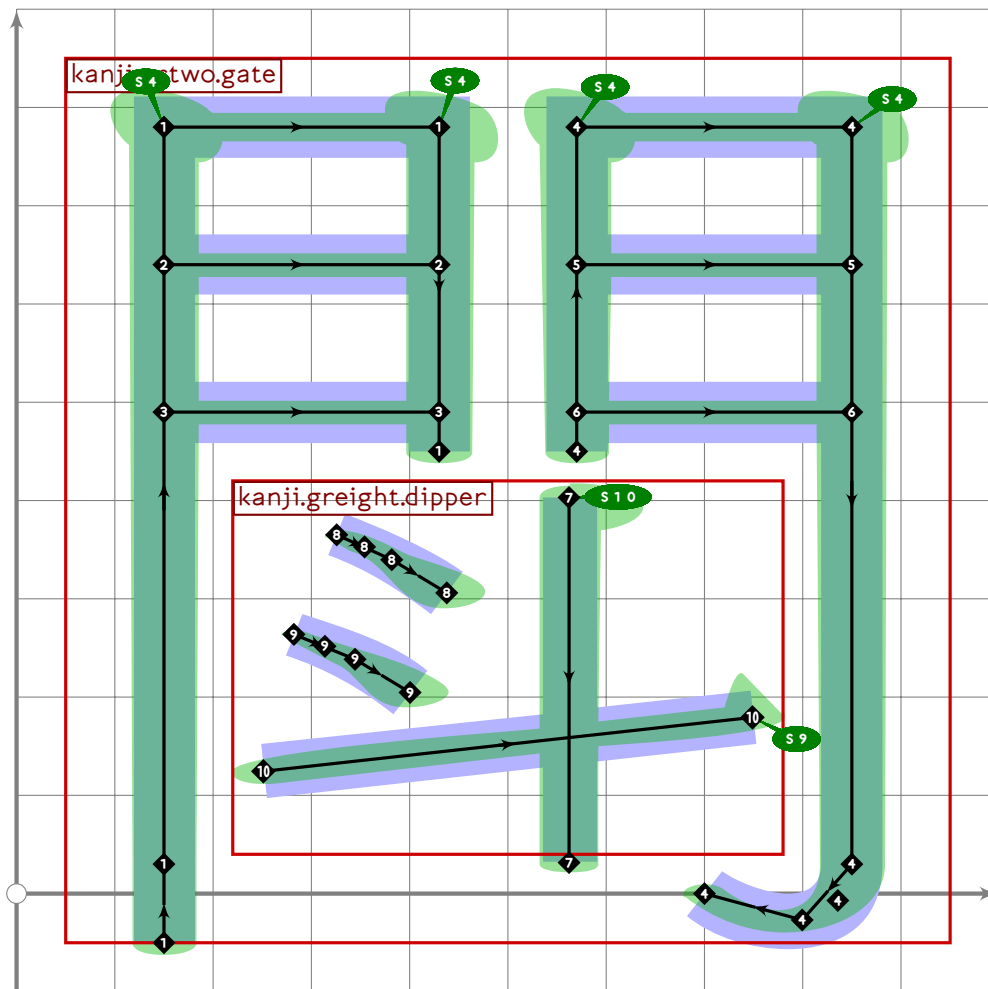


95

```

267 % extra
268 begintsuglyph("uni9596";150);
269   build_kanji.gate_enclose(kanji.grone.water);
270   tsu_render;
271 endtsuglyph;
272

```

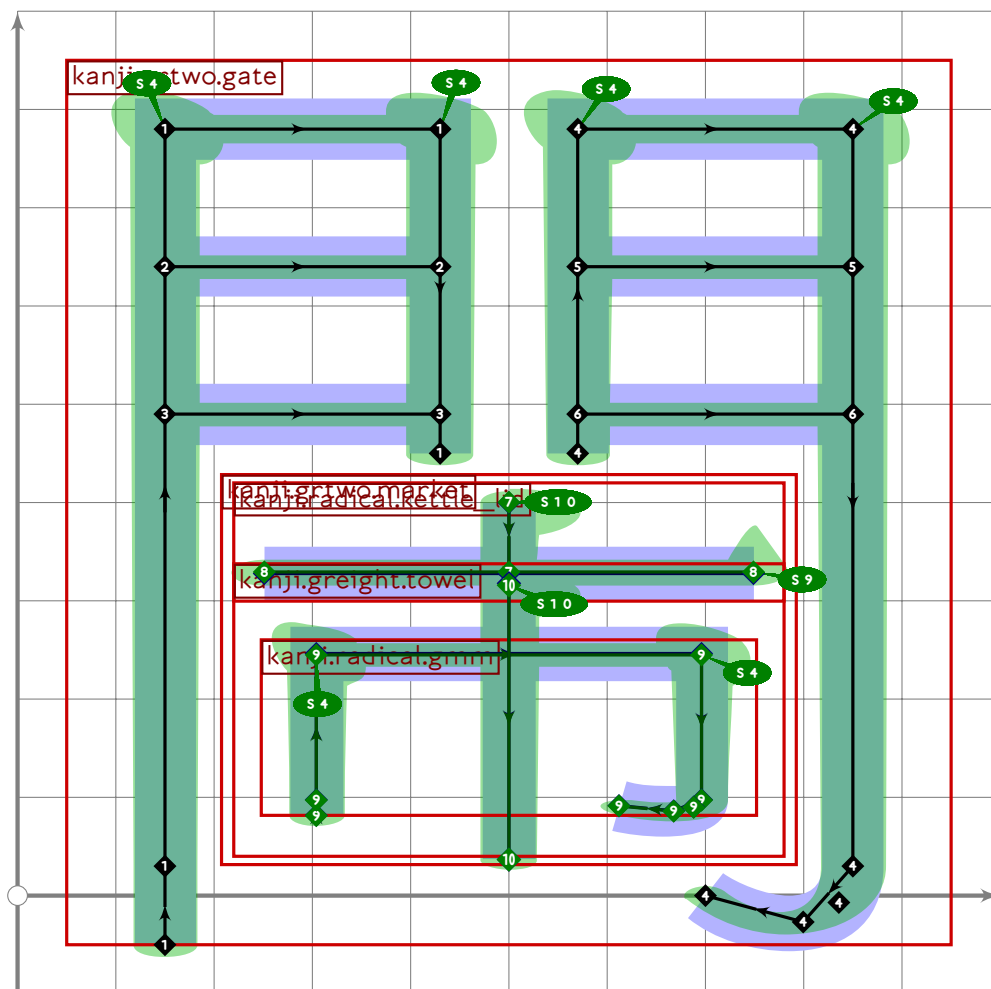


```

273 % extra
274 begintsuglyph("uni9597",151);
275   build_kanji.gate_enclose(kanji.greight.dipper);
276   tsu_render;
277 endtsuglyph;
278

```

U+9599
tsuku.uni9599

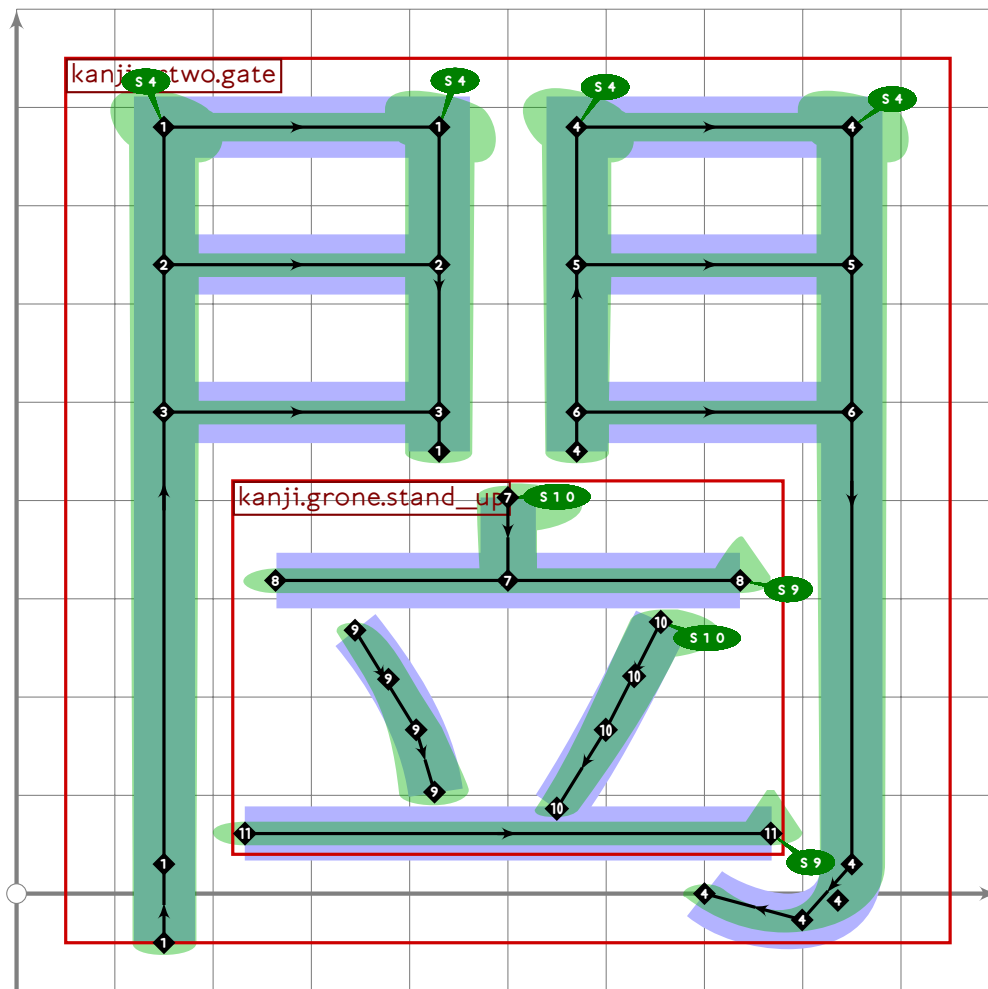


95

```

279 % extra: dou/sawagashii "noisy"
280 begintsuglyph("uni9599",153);
281   build_kanji.gate_enclose(kanji.grtwo.market);
282   tsu_render;
283 endtsuglyph;
284

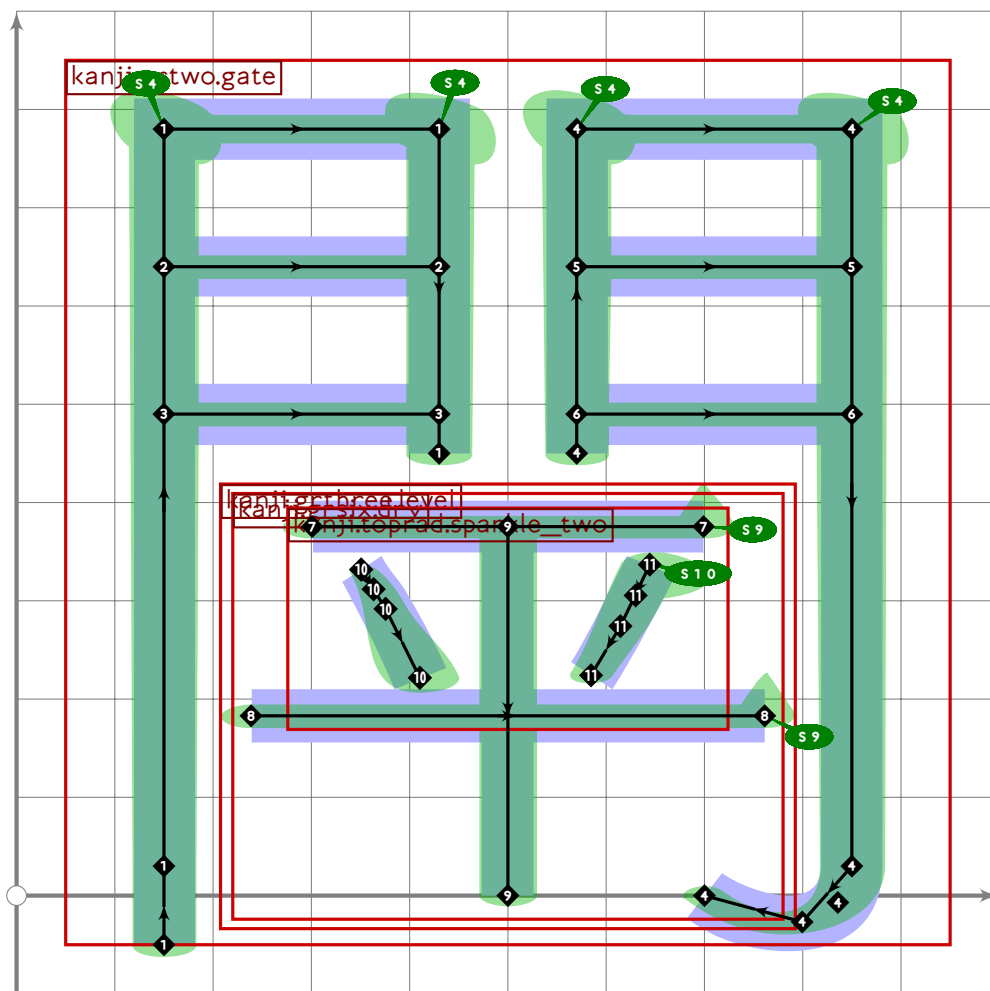
```



```

285 % extra
286 begintsuglyph("uni959A";154);
287   build_kanji.gate_enclose(kanji.grone.stand_up);
288   tsu_render;
289 endtsuglyph;
290

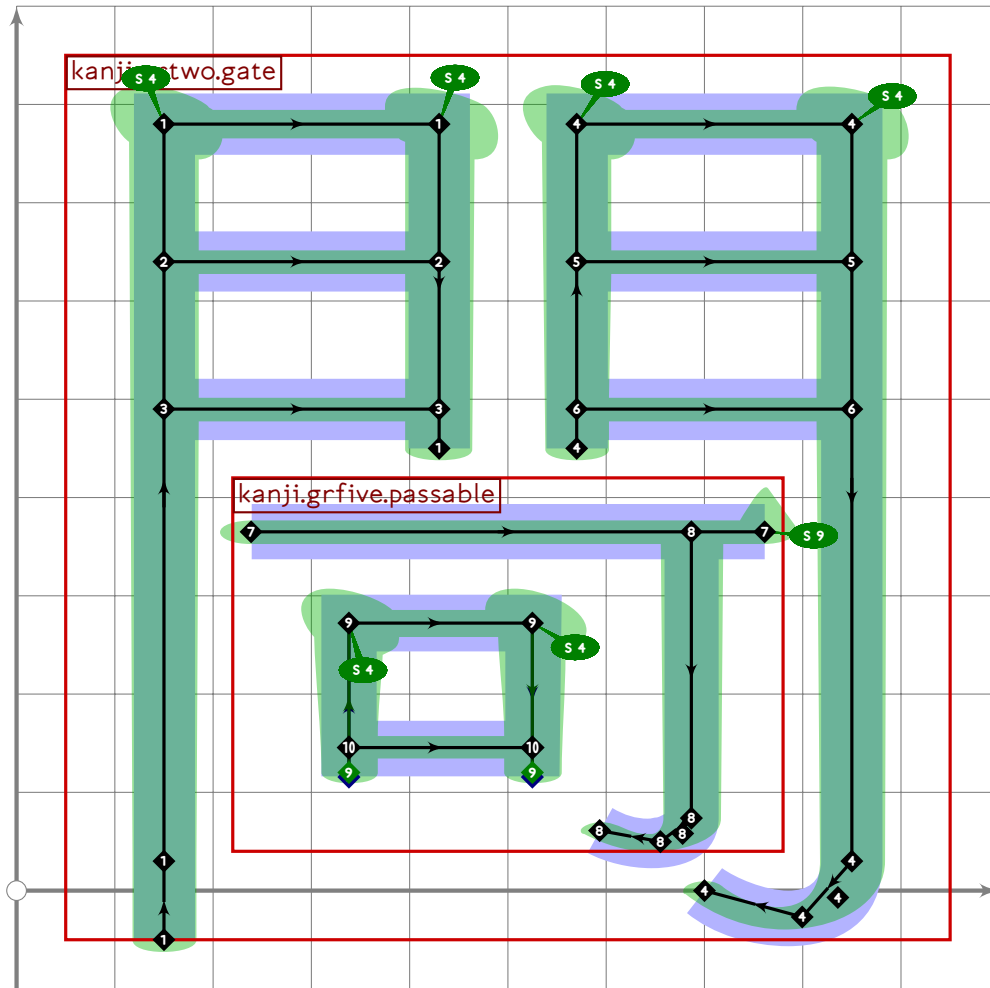
```



```

291 % extra
292 begintsuglyph("uni959B",155);
293   build__kanji.gate__enclose(build__kanji.sscale(yscaled 1.14 shifted (0,-90))
294     (kanji.grthree.level));
295   tsu__render;
296 endtsuglyph;
297

```

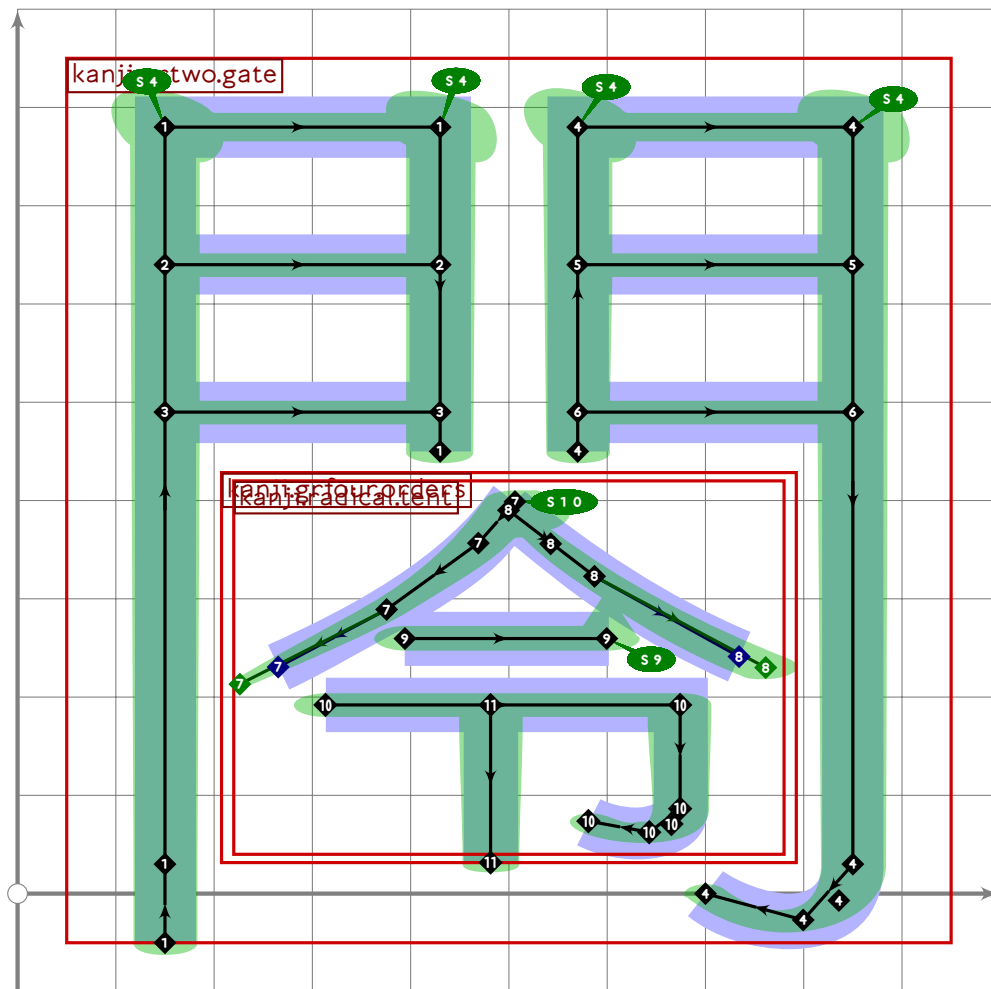



```

298 % extra
299 begintsuglyph("uni959C",156);
300 build_kanji.gate_enclose(kanji.grfive.passable);
301 tsu_render;
302 endtsuglyph;
303

```

U+959D
tsuku.uni959D

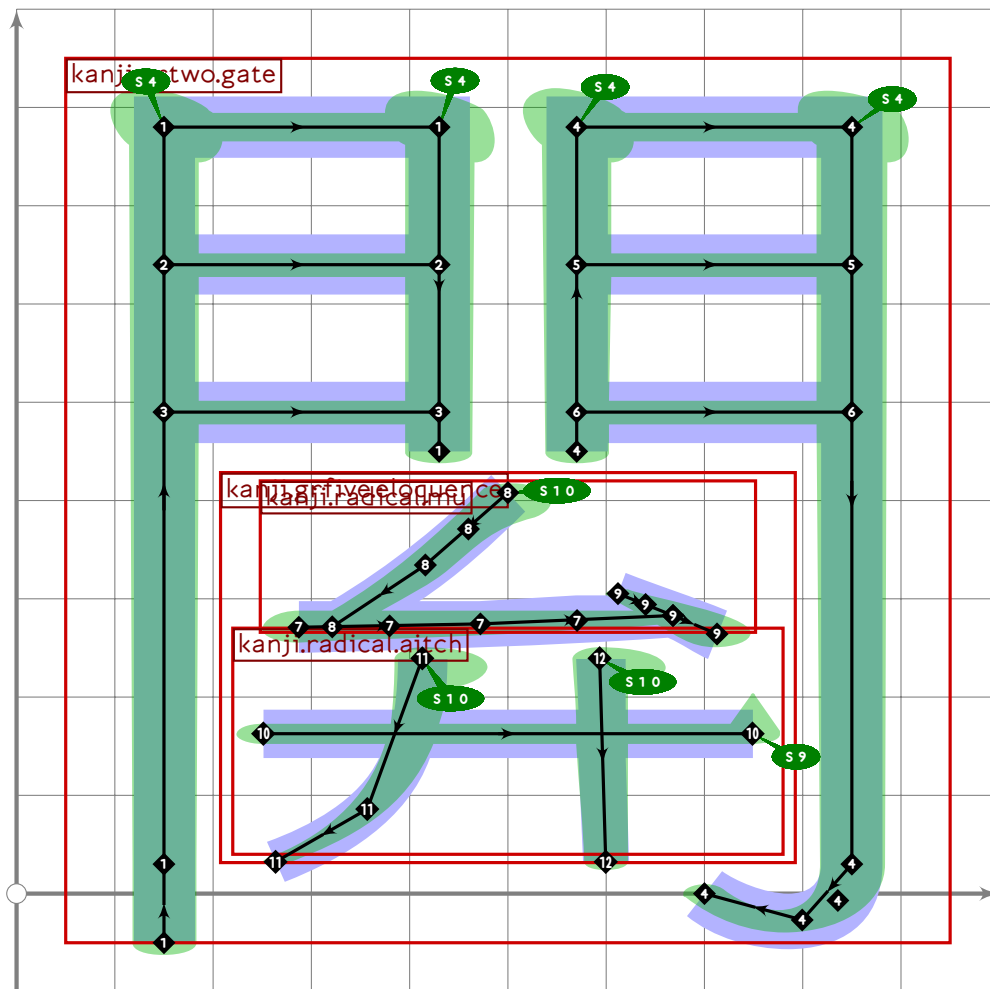


95

```

304 % extra: rei/kirimado
305 begintsuglyph("uni959D",157);
306   build_kanji.gate_enclose(kanji.grfour.orders);
307   tsu_render;
308 endtsuglyph;
309

```

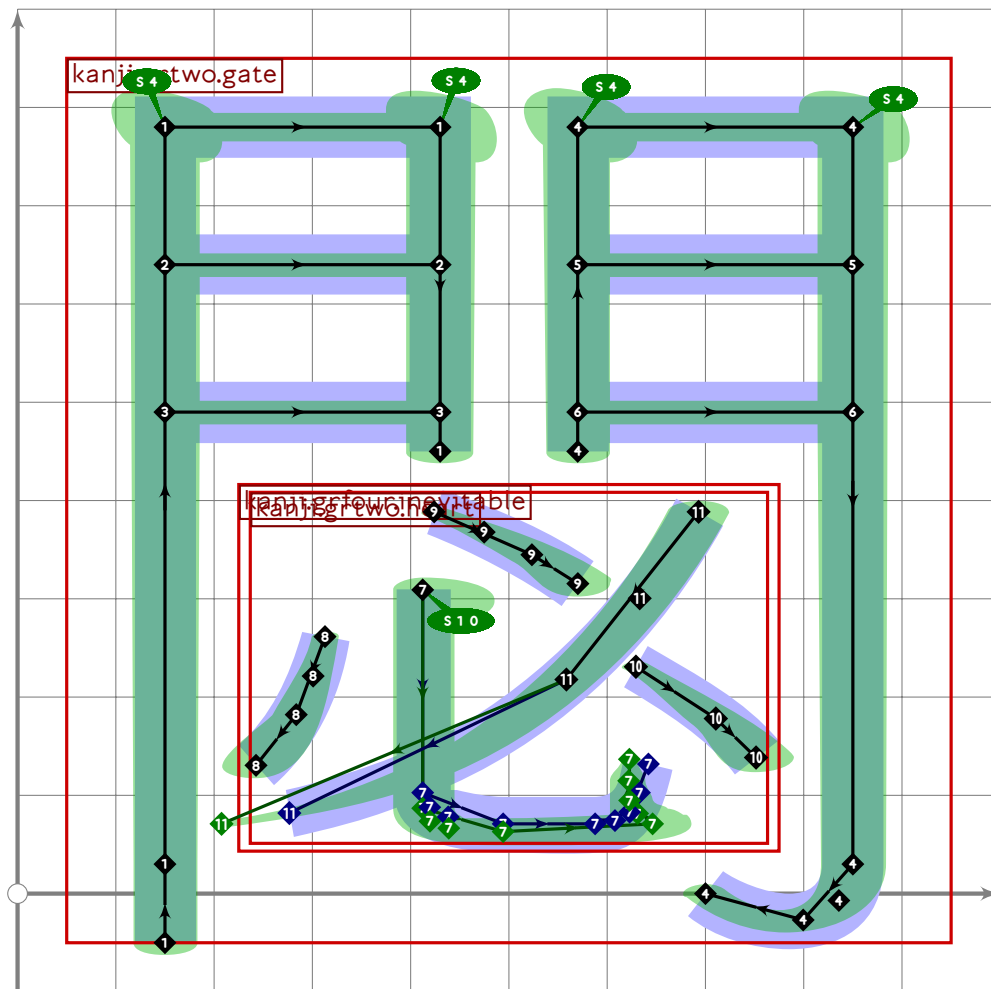


```

310 % extra: hen/hashiranomasugata
311 begintsuglyph("uni959E",158);
312   build_kanji.gate_enclose(kanji.grfive.eloquence);
313   tsu_render;
314 endtsuglyph;
315

```

U+959F
tsuku.uni959F

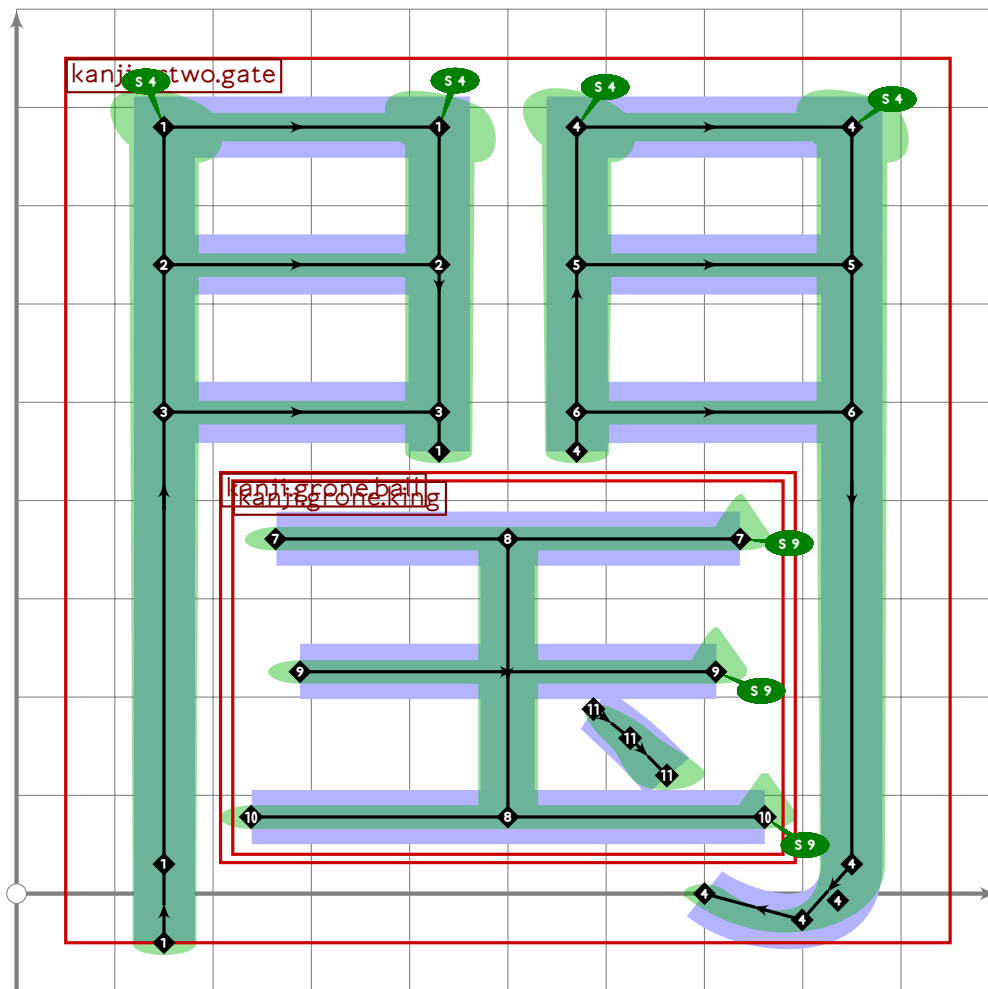


95

```

316 % extra: hi/tojiru "keep secret"
317 begintsuglyph("uni959F",159);
318   build_kanji.gate_enclose(build_kanji.sscale(scaled 0.94)
319     (kanji.grfour.inevitable));
320   tsu_render;
321 endtsuglyph;
322

```



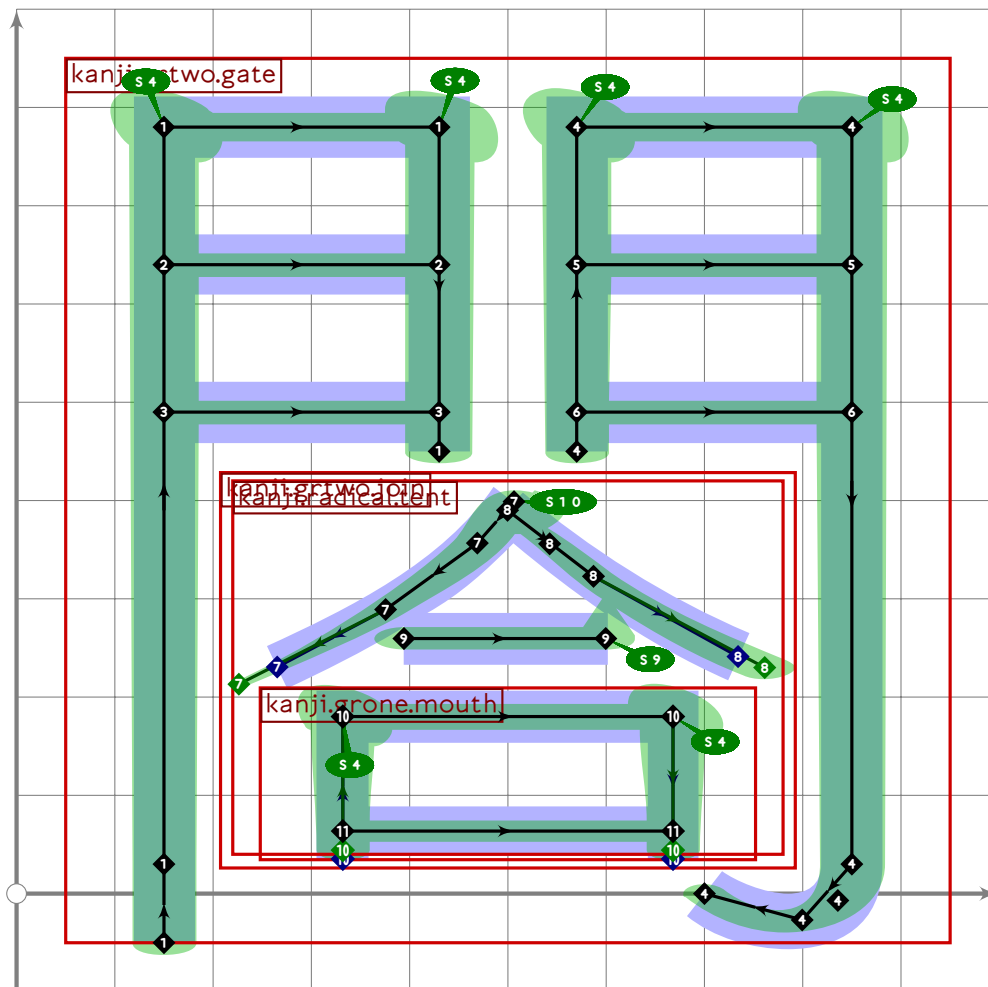
```

323 % extra
324 begintsuglyph("uni95A0",160);
325   build_kanji.gate_enclose(kanji.grone.ball);
326   tsu_render;
327 endtsuglyph;
328
329 % kan/seki "barrier"
330 begintsuglyph("uni95A2",162);
331   kanji.grfour.barrier;
332   tsu_render;
333 endtsuglyph;
334
335 % kaku "cabinet (politics)"
336 begintsuglyph("uni95A3",163);
337   kanji.grsix.cabinet;
338   tsu_render;
339 endtsuglyph;
340

```

[see page 4183]

[see page 4184]

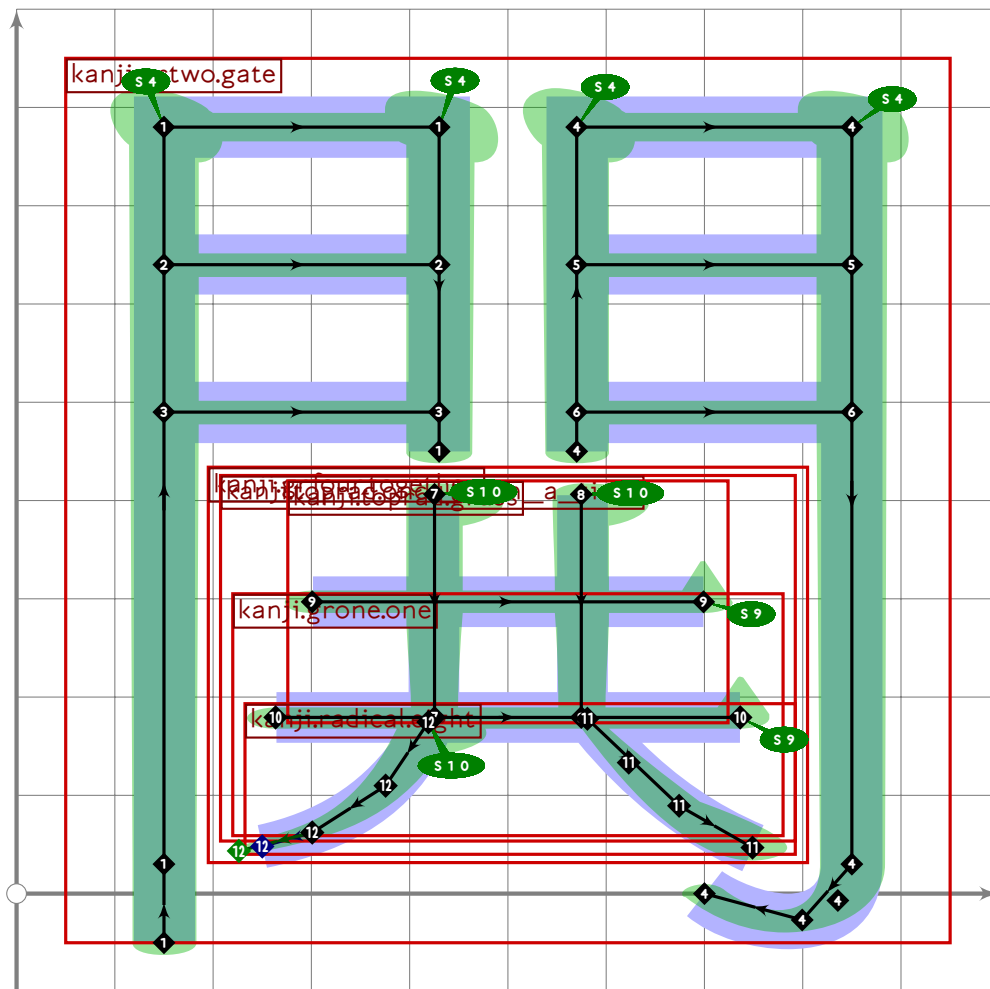


```

341 % extra: keu/neya "bedroom"
342 begintsuglyph("uni95A4",164);
343   build_kanji.gate_enclose(kanji.grtwo.join);
344   tsu_render;
345 endtsuglyph;
346
347 % batsu "clique"
348 begintsuglyph("uni95A5",165);
349   kanji.greight.clique;
350   tsu_render;
351 endtsuglyph;
352

```

[see page 4186]

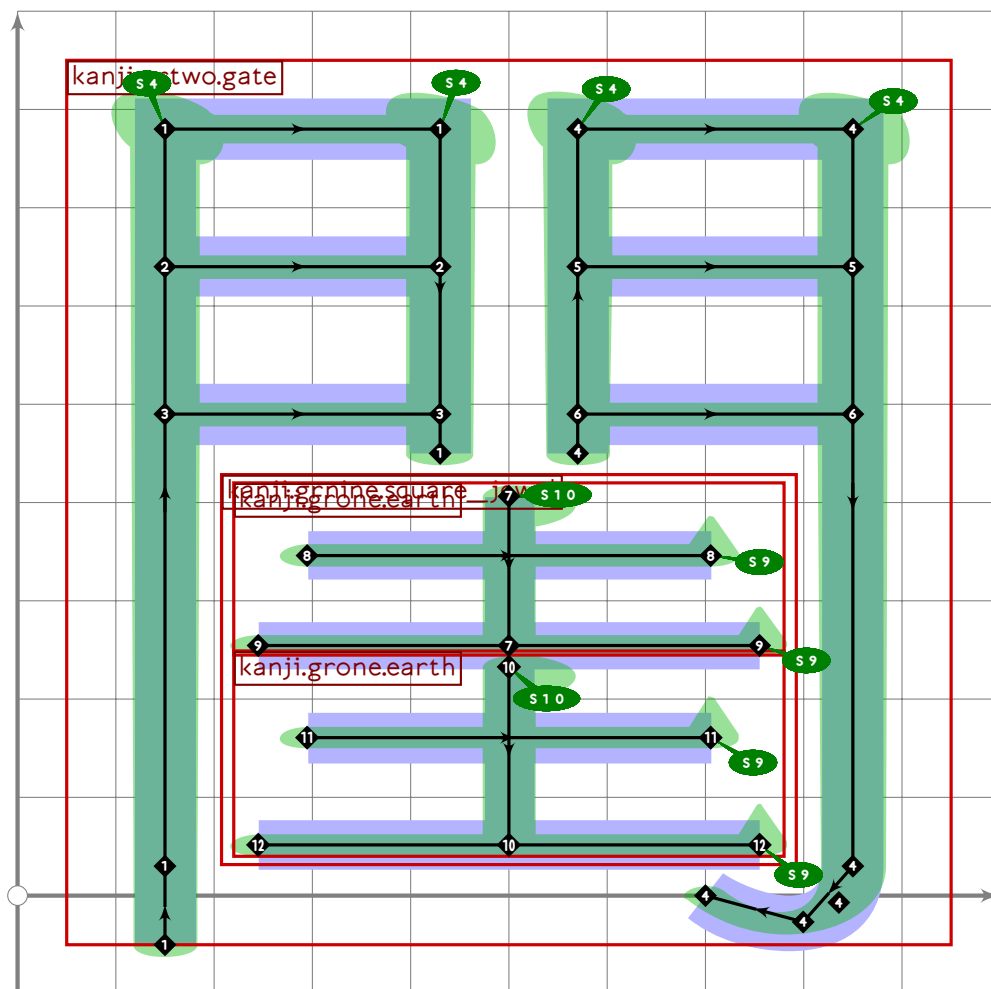


```

353 % extra: kou/toki "war cry"
354 begintsuglyph("uni95A7",167);
355   build_kanji.gate_enclose(kanji.grfour.together);
356   tsu_render;
357 endtsuglyph;
358

```

U+95A8
tsuku.uni95A8

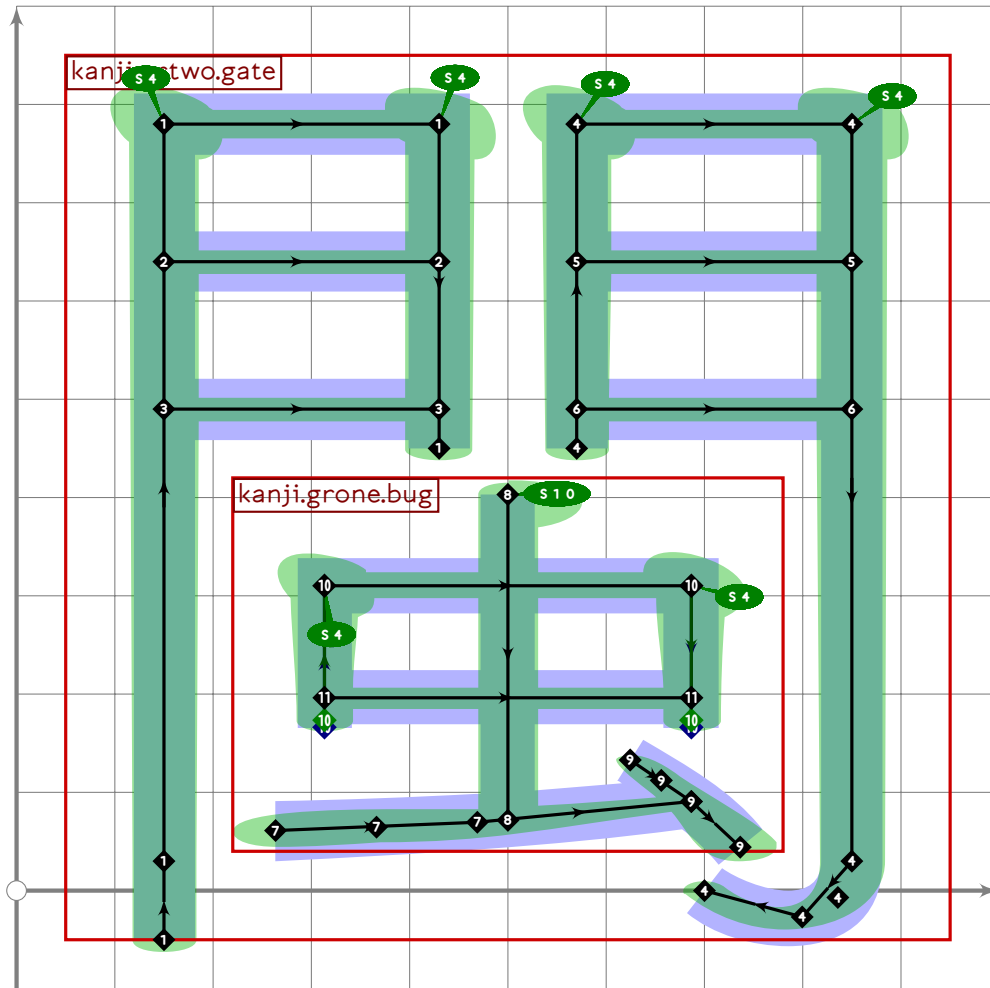


95

```

359 % extra: kei/neya "bedroom"
360 begintsuglyph("uni95A8",168);
361   build_kanji.gate_enclose(kanji.grnine.square__jewel);
362   tsu_render;
363 endtsuglyph;
364

```

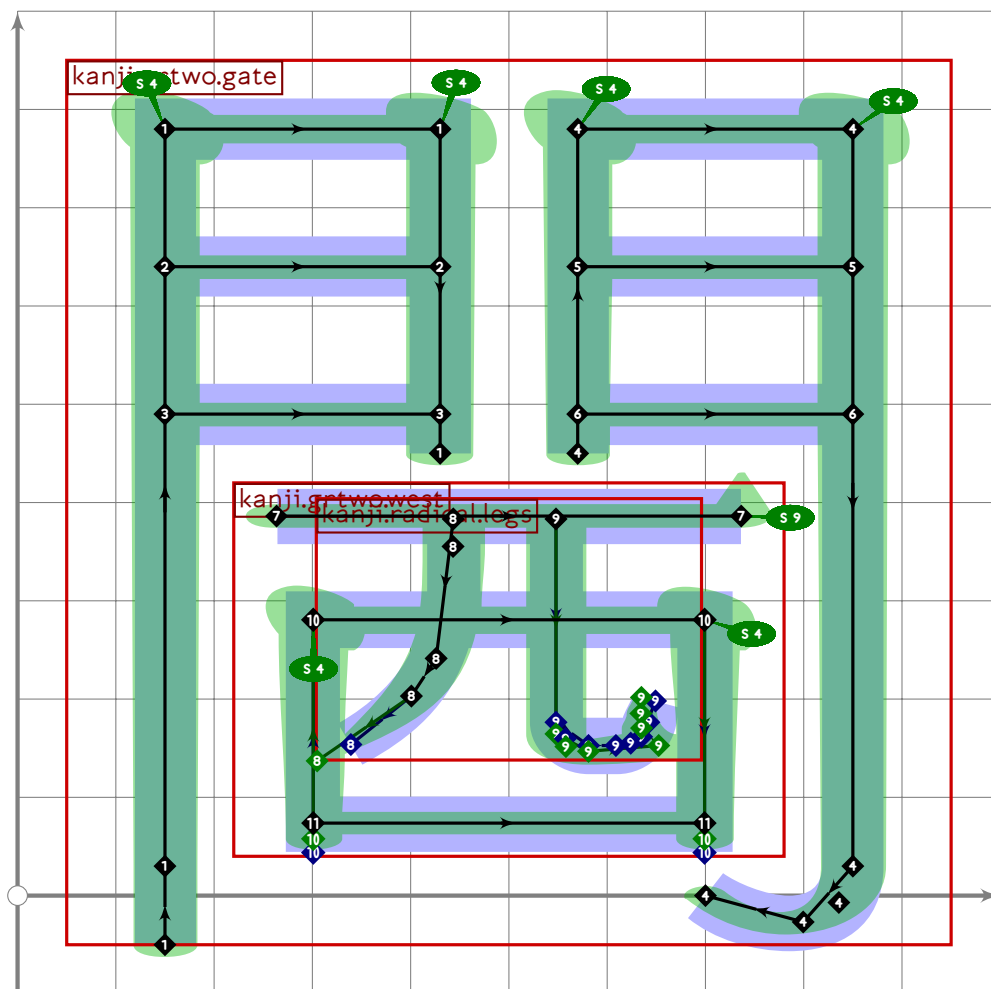



```

365 % extra
366 begintsuglyph("uni95A9",169);
367   build_kanji.gate_enclose(kanji.grone.bug);
368   tsu_render;
369 endtsuglyph;
370

```

U+95AA
tsuku.uni95AA

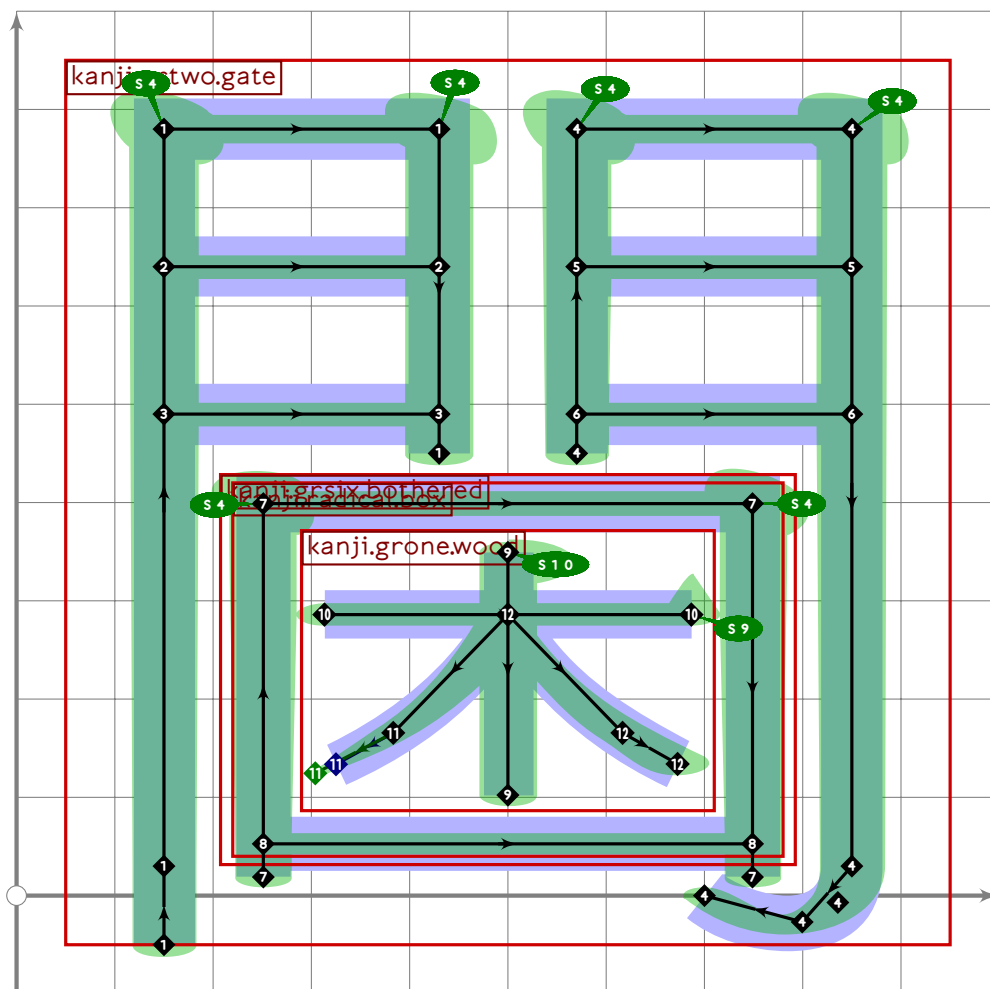


95

```

371 % extra
372 begintsuglyph("uni95AA",170);
373   build_kanji.gate_enclose(kanji.grtwo.legs);
374   tsu_render;
375 endtsuglyph;
376

```

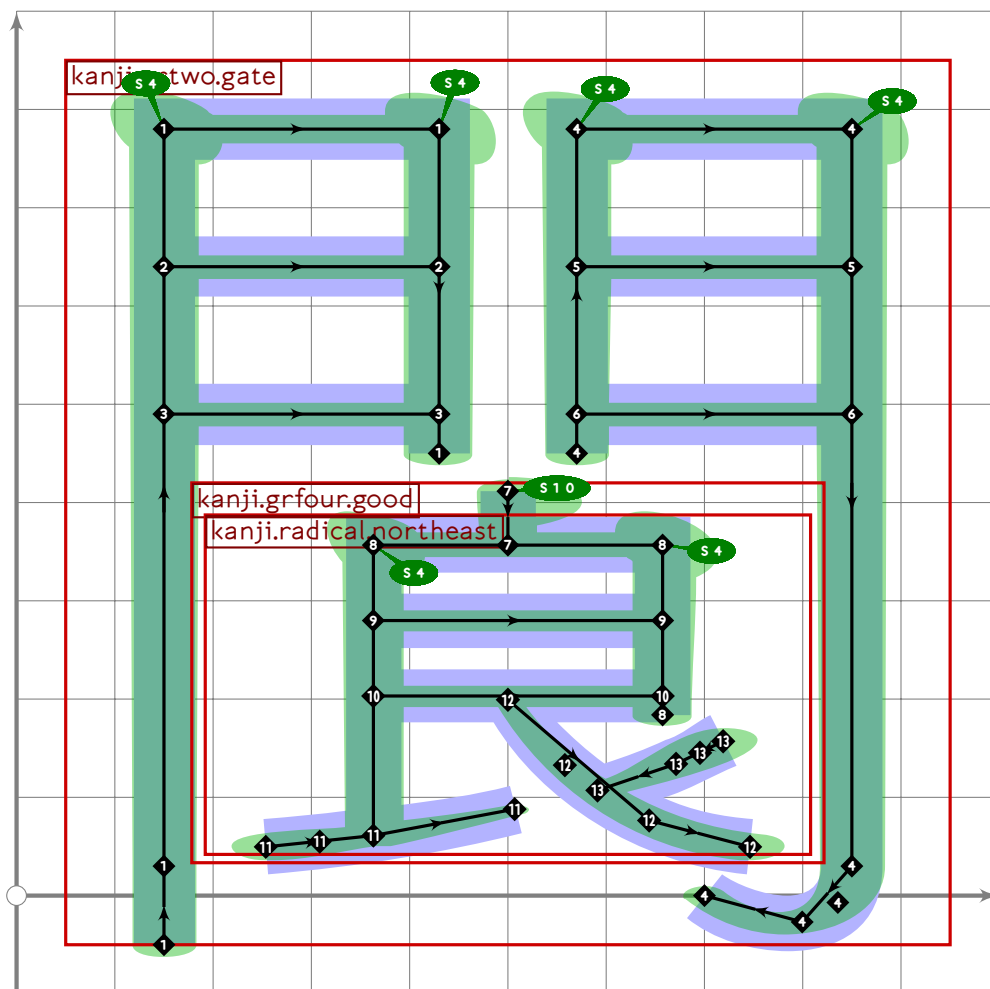


```

377 % extra
378 begintsuglyph("uni95AB",171);
379   build_kanji.gate_enclose(kanji.grsix.bothered);
380   tsu_render;
381 endtsuglyph;
382

```

U+95AC
tsuku.uni95AC

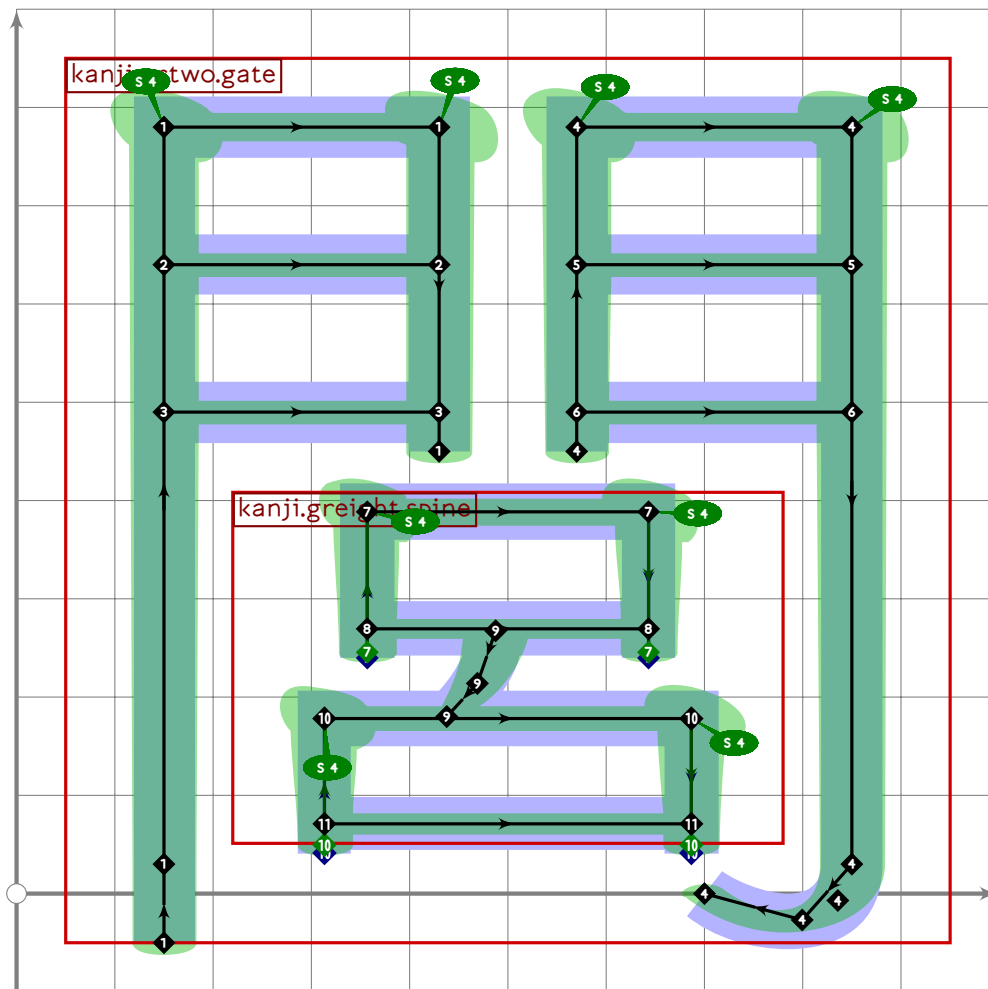


95

```

383 % extra: rou "high door"
384 begintsuglyph("uni95AC";172);
385   build_kanji.gate_enclose(build_kanji.sscale(xscaled 1.10)
386     (kanji.grfour.good));
387   tsu_render;
388 endtsuglyph;
389

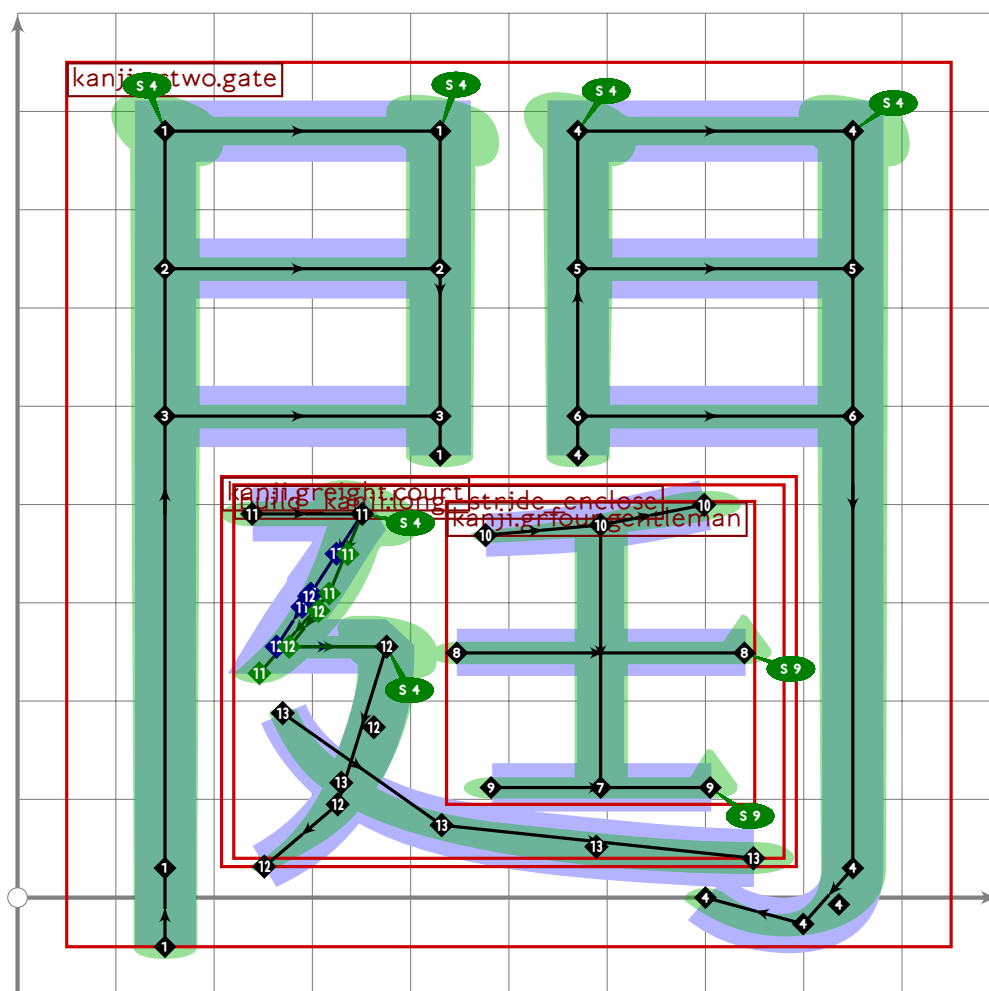
```



```

390 % extra: ryo/sato "rural area"
391 begintsuglyph("uni95AD";173);
392   build_kanji.gate_enclose(build_kanji.sscale(yscaled 0.94)
393     (kanji.greight.spine));
394   tsu_render;
395 endtsuglyph;
396

```

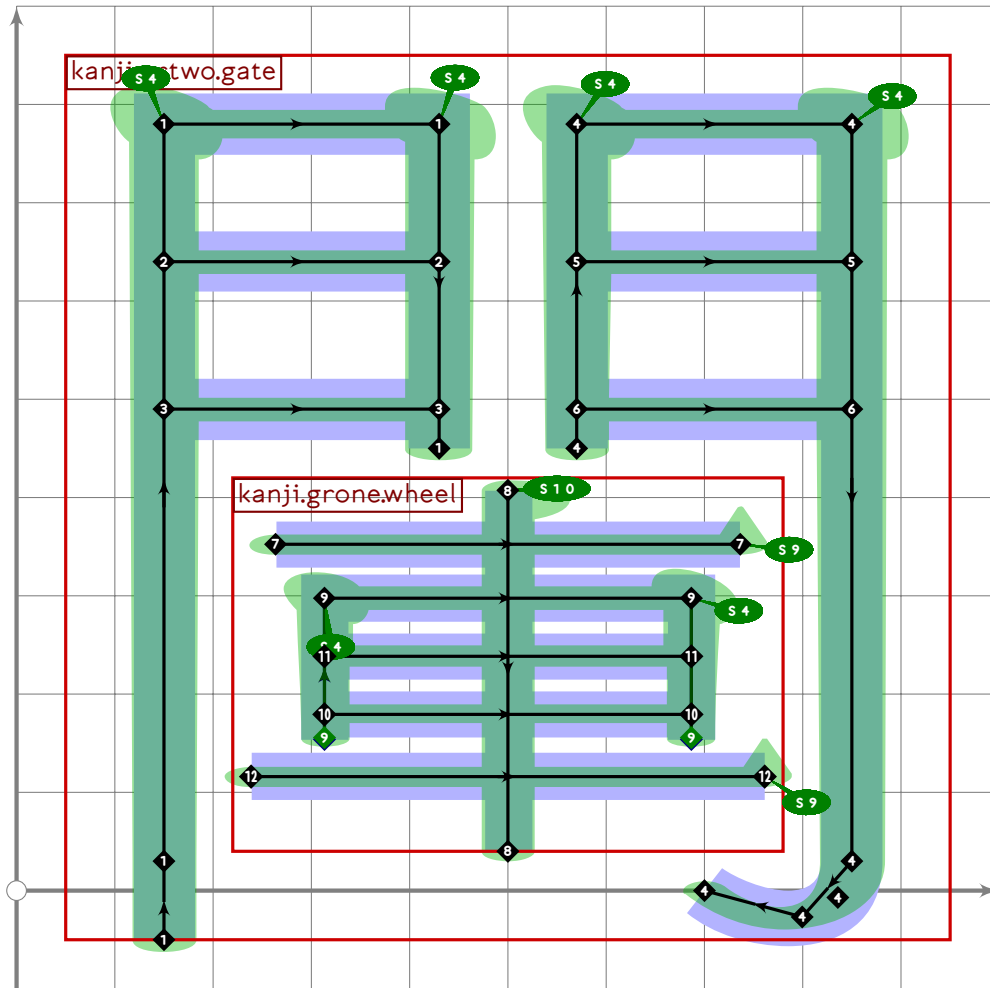


```

397 % extra
398 begintsuglyph("uni95AE",174);
399   build_kanji.gate_enclose(kanji.greight.court);
400   tsu_render;
401 endtsuglyph;
402
403 % etsu/kemisuru "inspection"
404 begintsuglyph("uni95B2",178);
405   kanji.greight.inspection;
406   tsu_render;
407 endtsuglyph;
408

```

[see page 4187]

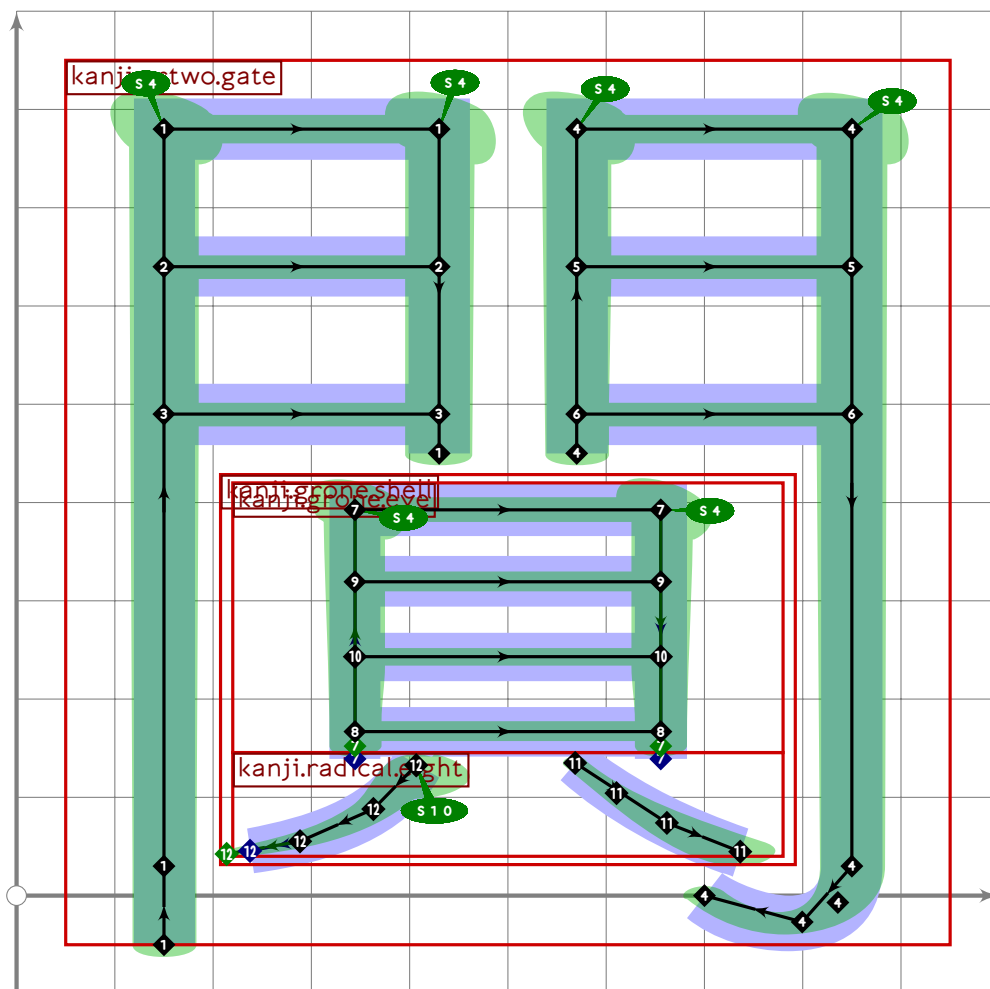


```

409 % extra
410 begintsuglyph("uni95B3",179);
411   build_kanji.gate_enclose(kanji.grone.wheel);
412   tsu_render;
413 endtsuglyph;
414

```

U+95B4
tsuku.uni95B4

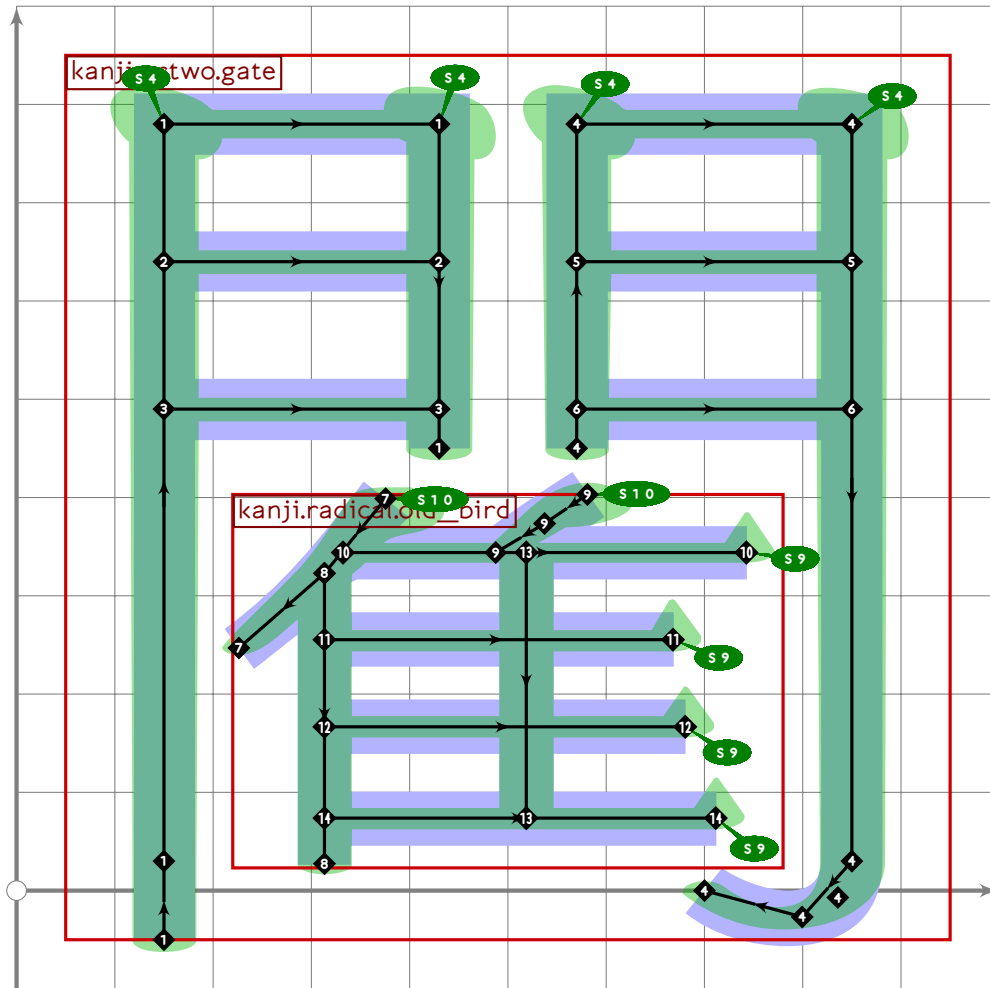


95

```

415 % extra: kei/shizuka "quiet"
416 begintsuglyph("uni95B4",180);
417   build_kanji.gate_enclose(kanji.grone.shell);
418   tsu_render;
419 endtsuglyph;
420

```

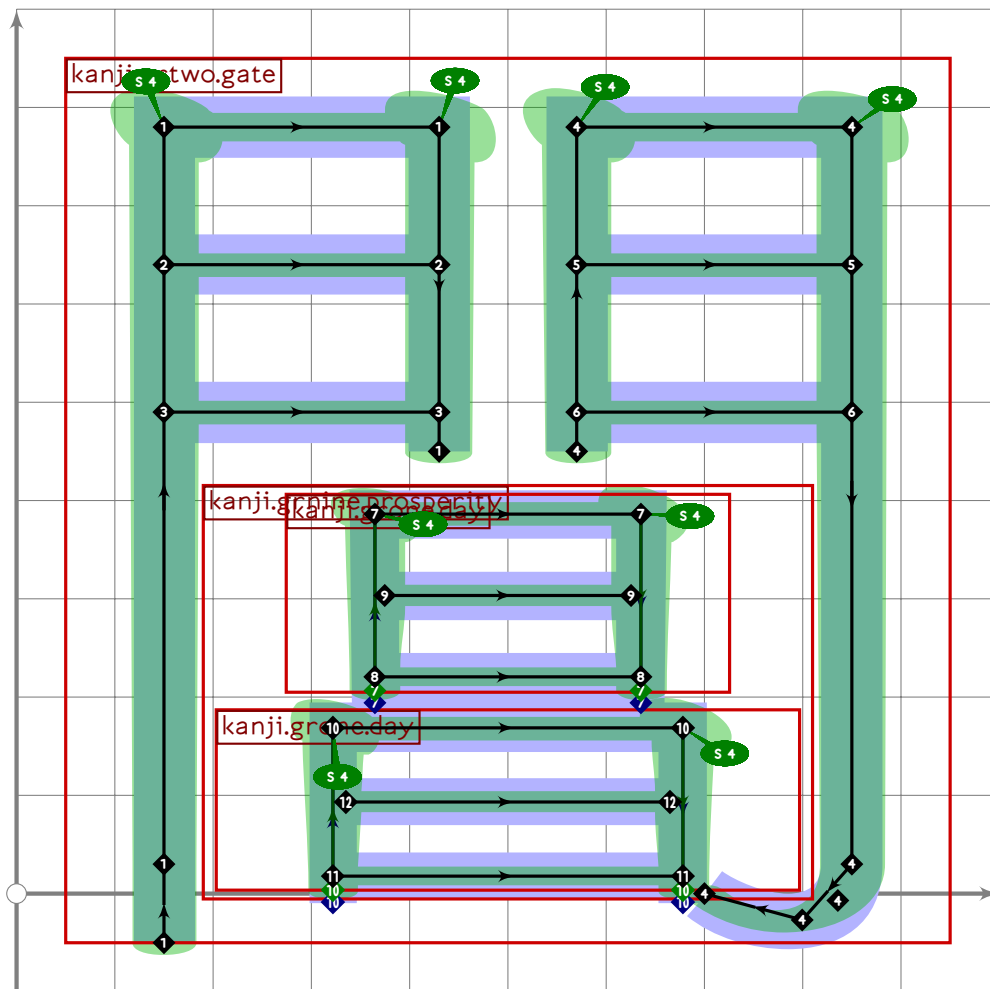



```

421 % extra
422 begintsuglyph("uni95B5",181);
423   build_kanji.gate_enclose(build_kanji.sscale(shifted (0,-40))
424     (kanji.radical.old_bird));
425   tsu_render;
426 endtsuglyph;
427

```

U+95B6
tsuku.uni95B6

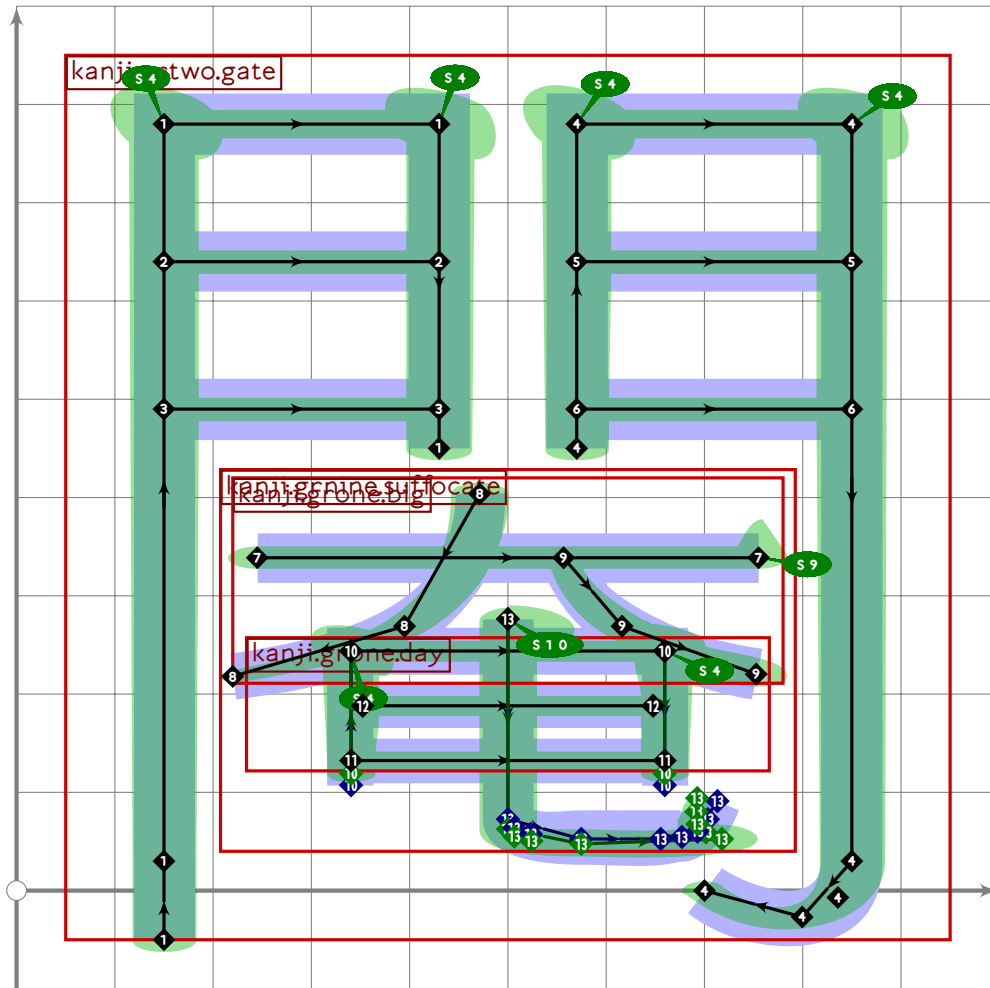


95

```

428 % extra: shou "gate of heaven"
429 begintsuglyph("uni95B6",182);
430   build_kanji.gate_enclose(build_kanji.sscale(scaled 1.06 shifted (0,-60))
431     (kanji.grnine.prosperity));
432   tsu_render;
433 endtsuglyph;
434

```

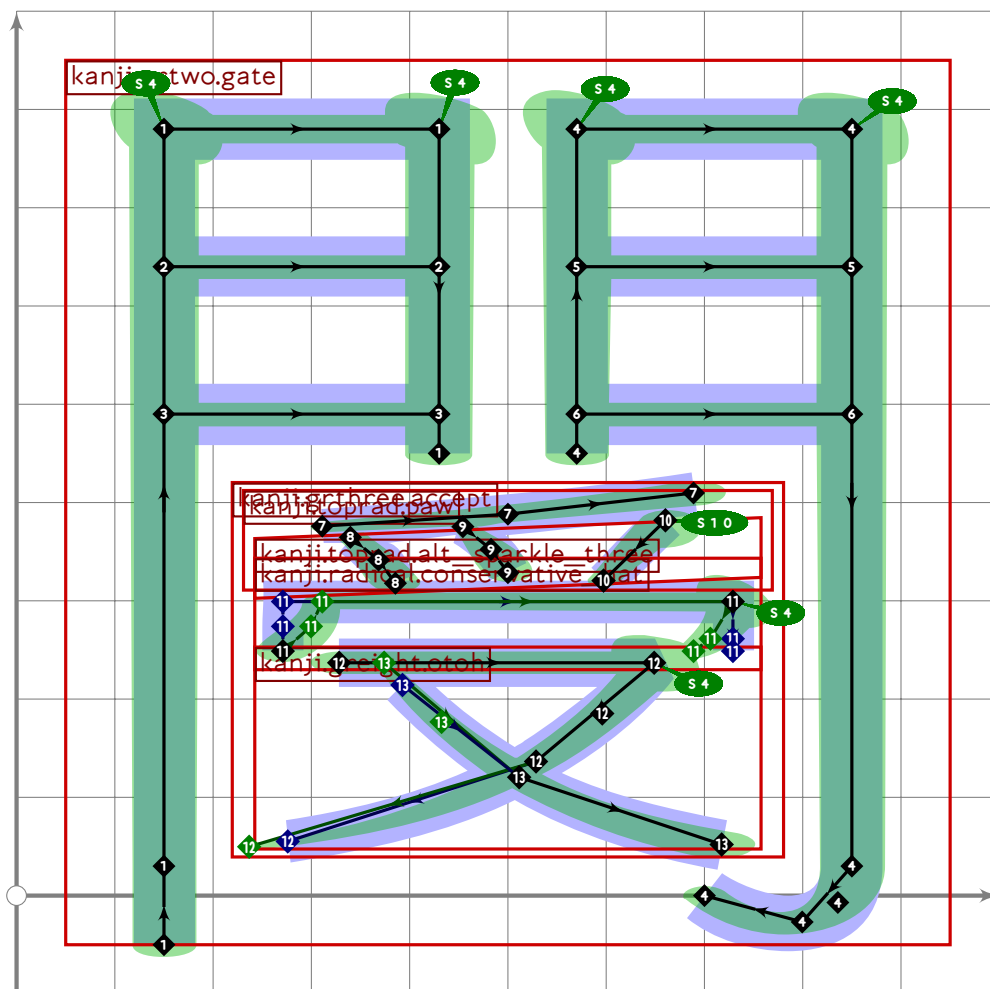


```

435 % extra en/an/oo "eunuch"
436 begintsuglyph("uni95B9",185);
437   build_kanji.gate_enclose(kanji.grnine.suffocate);
438   tsu_render;
439 endtsuglyph;
440

```

U+95BF
tsuku.uni95BF

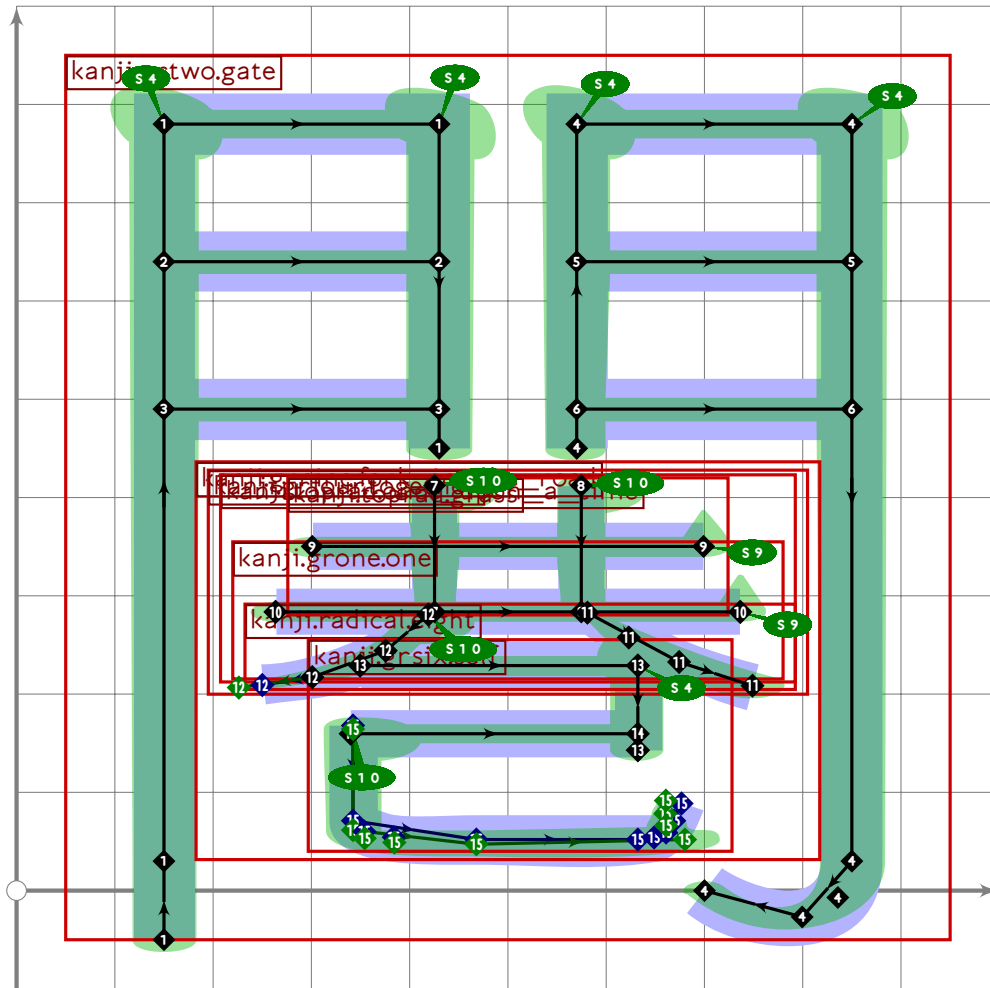


95

```

441 % extra: bun "Wen Xiang (19th Century Manchu statesman)"
442 begintsuglyph("uni95BF",191);
443   build_kanji.gate_enclose(build_kanji.sscale(xyscaled (0.92,0.96))
444     (kanji.grthree.accept));
445   tsu_render;
446 endtsuglyph;
447

```

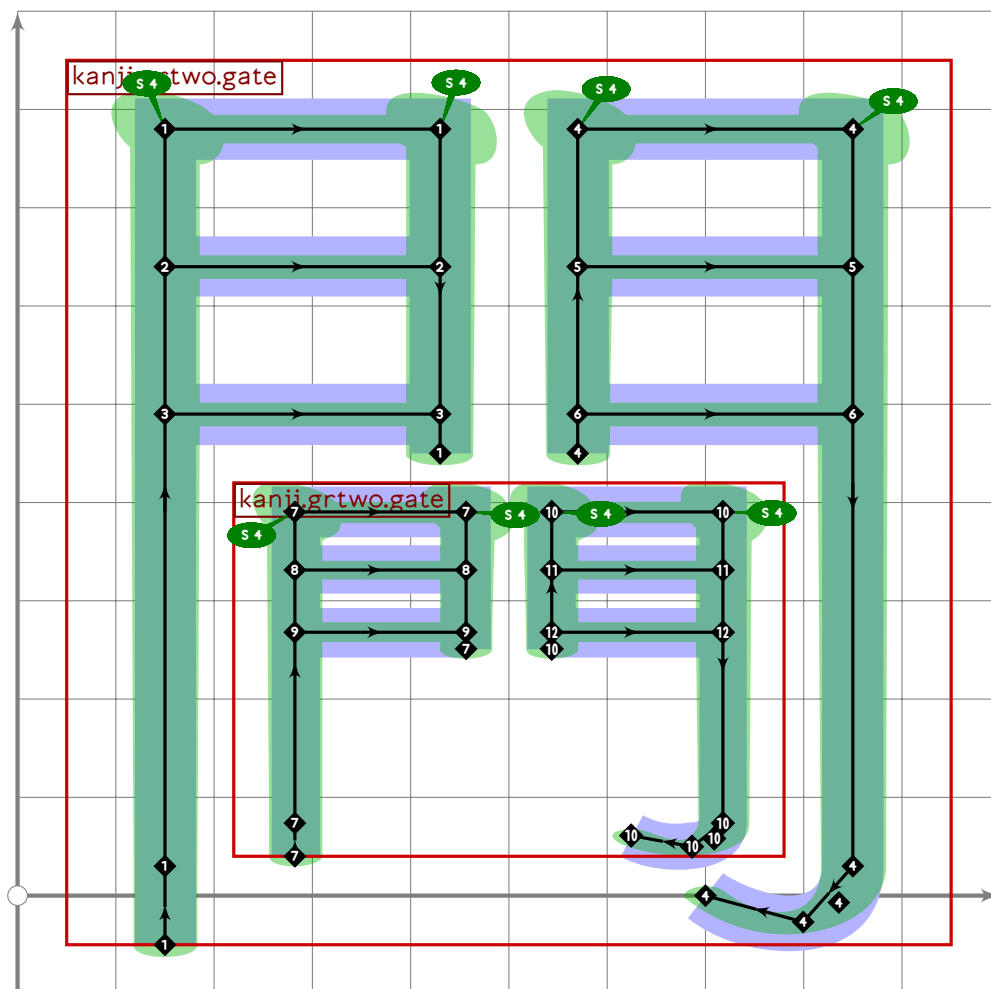


```

448 % extra
449 begintsuglyph("uni95C0",192);
450   build_kanji.gate_enclose(kanji.grnine.fork_in_the_road);
451   tsu_render;
452 endtsuglyph;
453

```

U+95C1
tsuku.uni95C1

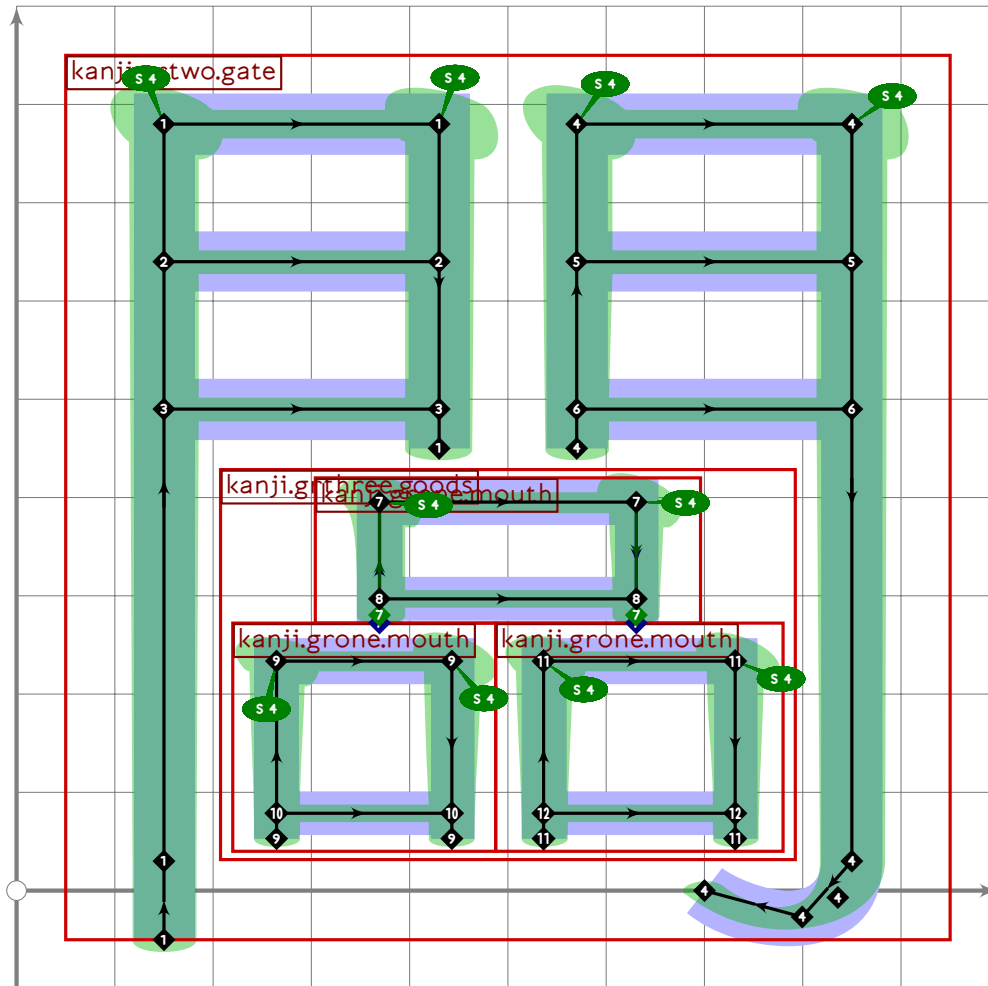


95

```

454 % extra
455 beginsuglyph("uni95C1",193);
456   build_kanji.gate_enclose(kanji.grtwo.gate);
457   tsu_render;
458 endsuglyph;
459

```



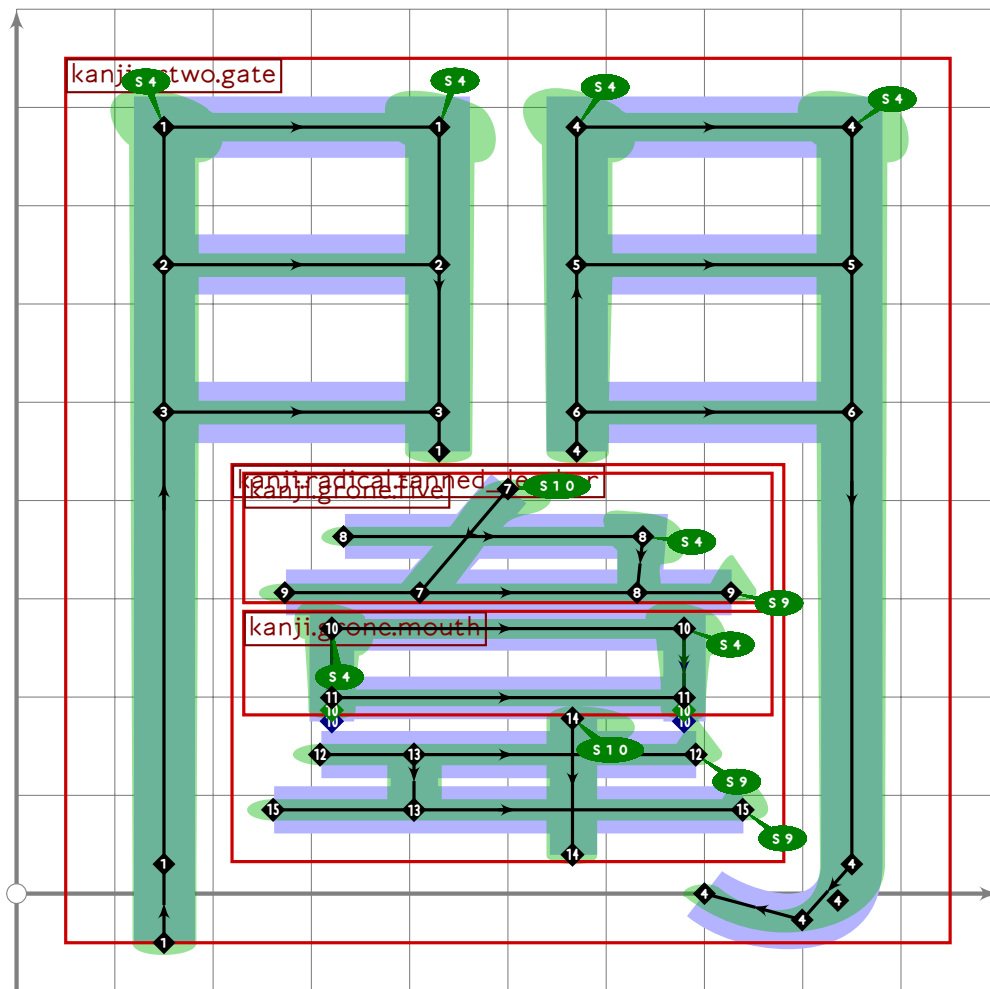
```

460 % extra: han/miru "boss"
461 begintsuglyph("uni95C6";198);
462   build_kanji.gate_enclose(kanji.grthree.goods);
463   tsu_render;
464 endtsuglyph;
465
466 % an/yami "shady"
467 begintsuglyph("uni95C7";199);
468   kanji.greight.shady;
469   tsu_render;
470 endtsuglyph;
471

```

[see page 4189]

U+95C8
tsuku.uni95C8

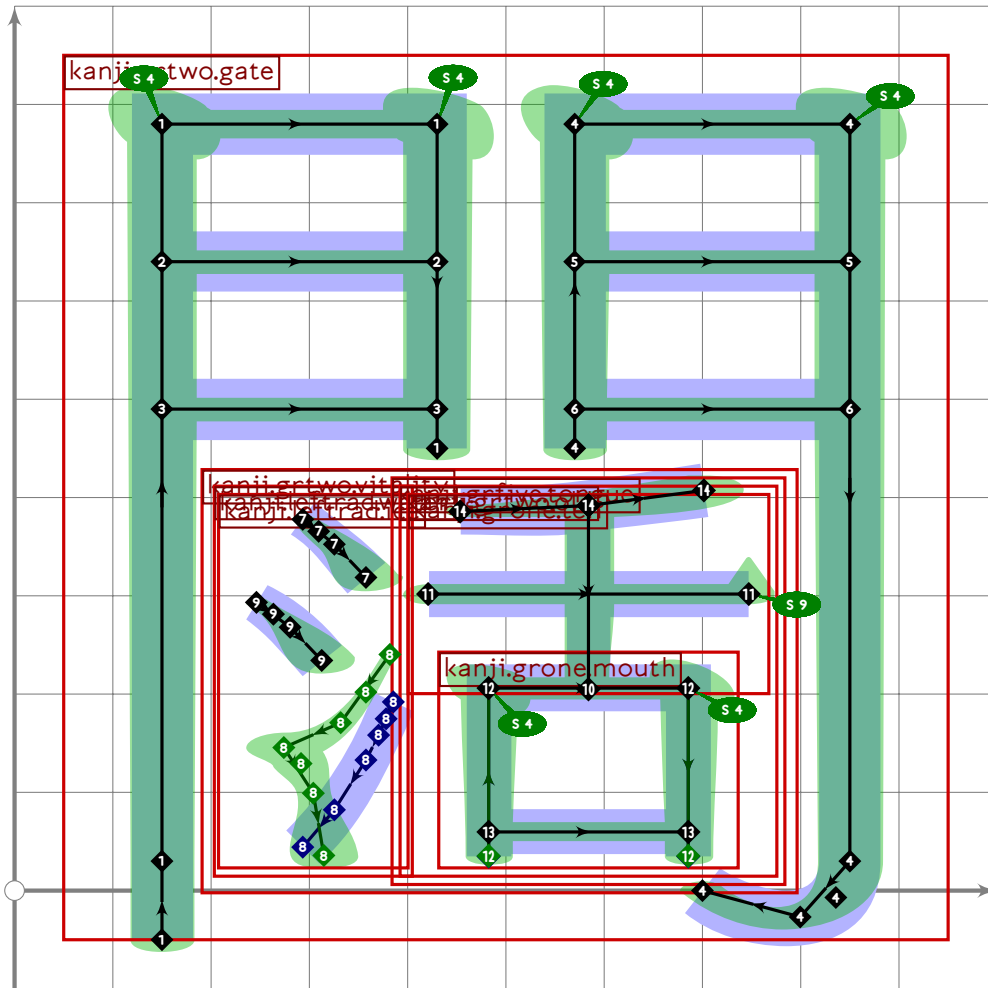


95

```

472 % extra: i "gate"
473 begintsuglyph("uni95C8",200);
474   build_kanji.gate_enclose(build_kanji.sscale(xyscaled (0.96,1.04))
475     (kanji.radical.tanned_leather));
476   tsu_render;
477 endtsuglyph;
478

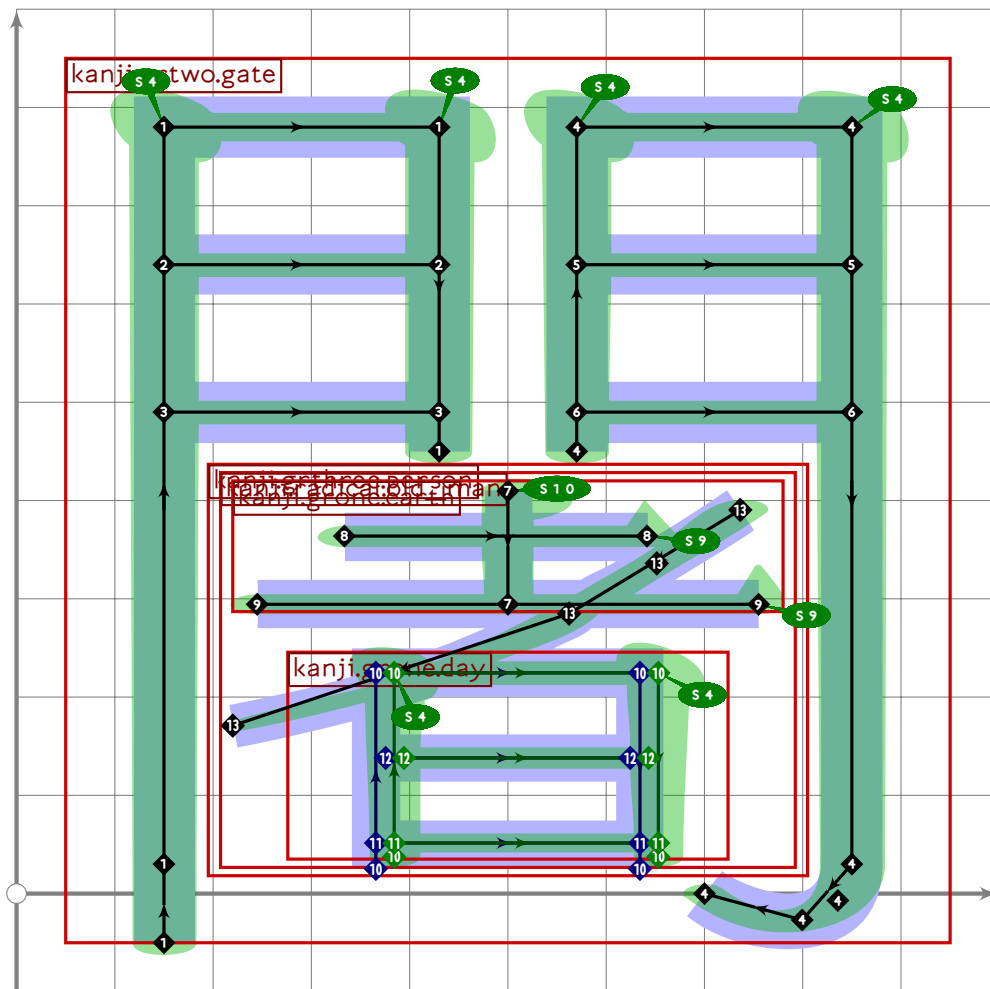
```

```

479 % extra: katsu/hiro "wide"
480 begintsuglyph("uni95CA";202);
481   build_kanji.gate_enclose(build_kanji.sscale(shifted (-20;40))
482     (kanji.grtwovitality));
483   tsu_render;
484 endtsuglyph;
485

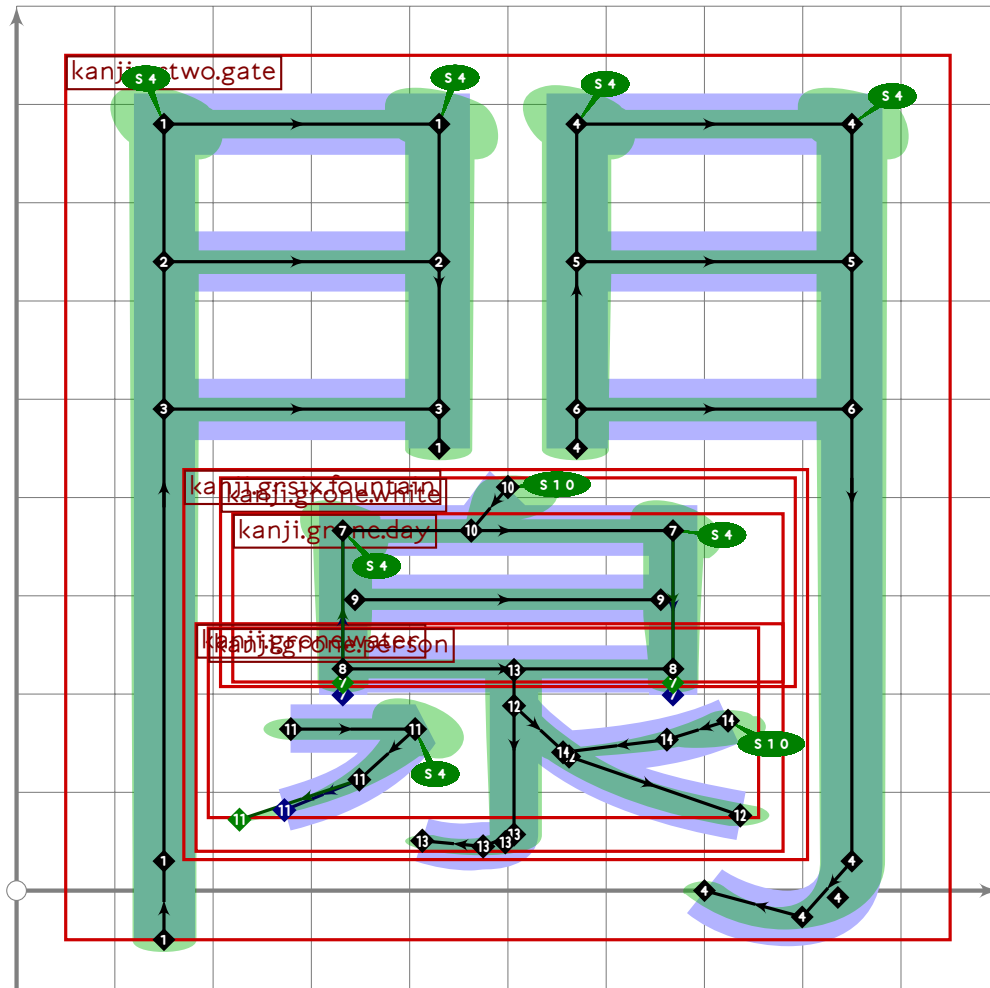
```



```

486 % extra: to "watchtower"
487 begintsuglyph("uni95CD";205);
488   build_kanji.gate_enclose(kanji.grthree.person);
489   tsu_render;
490 endtsuglyph;
491

```

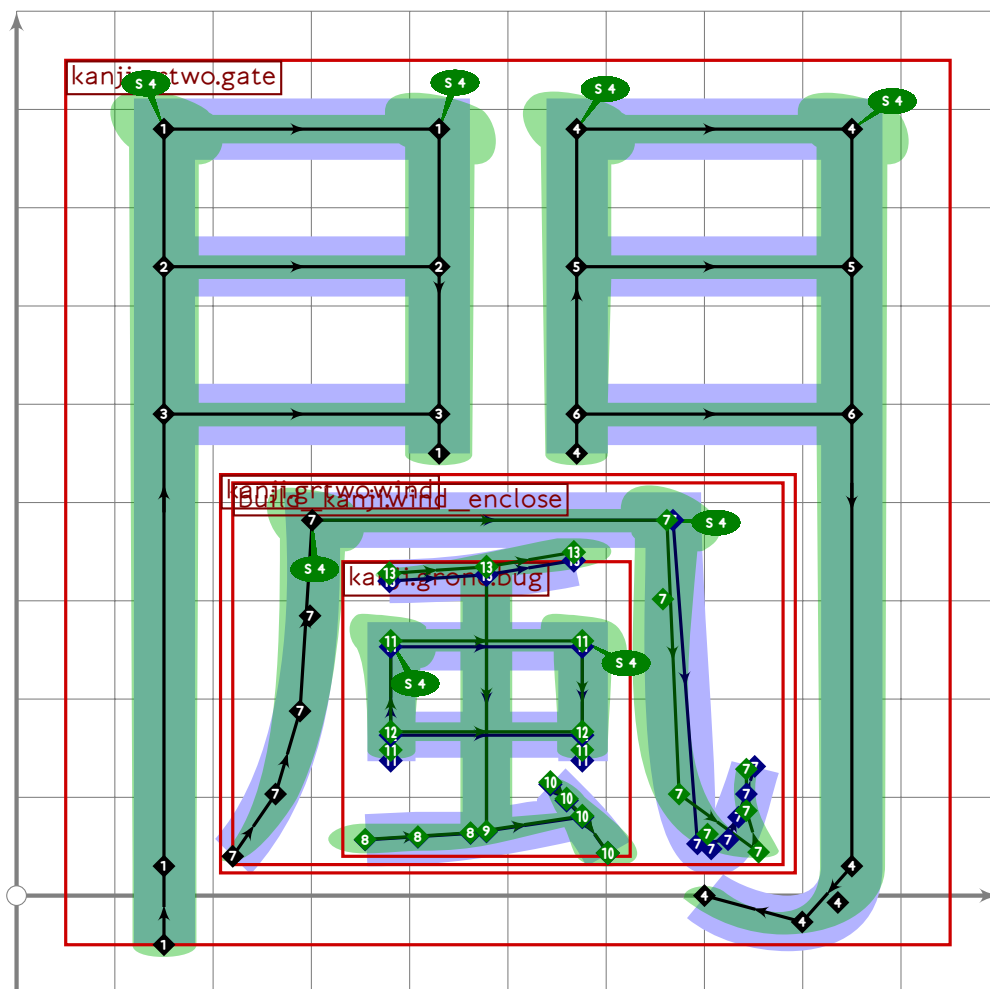


```

492 % extra
493 begintsuglyph("uni95CE",206);
494   build_kanji.gate_enclose(kanji.grsix.fountain);
495   tsu_render;
496 endtsuglyph;
497

```

U+95CF
tsuku.uni95CF

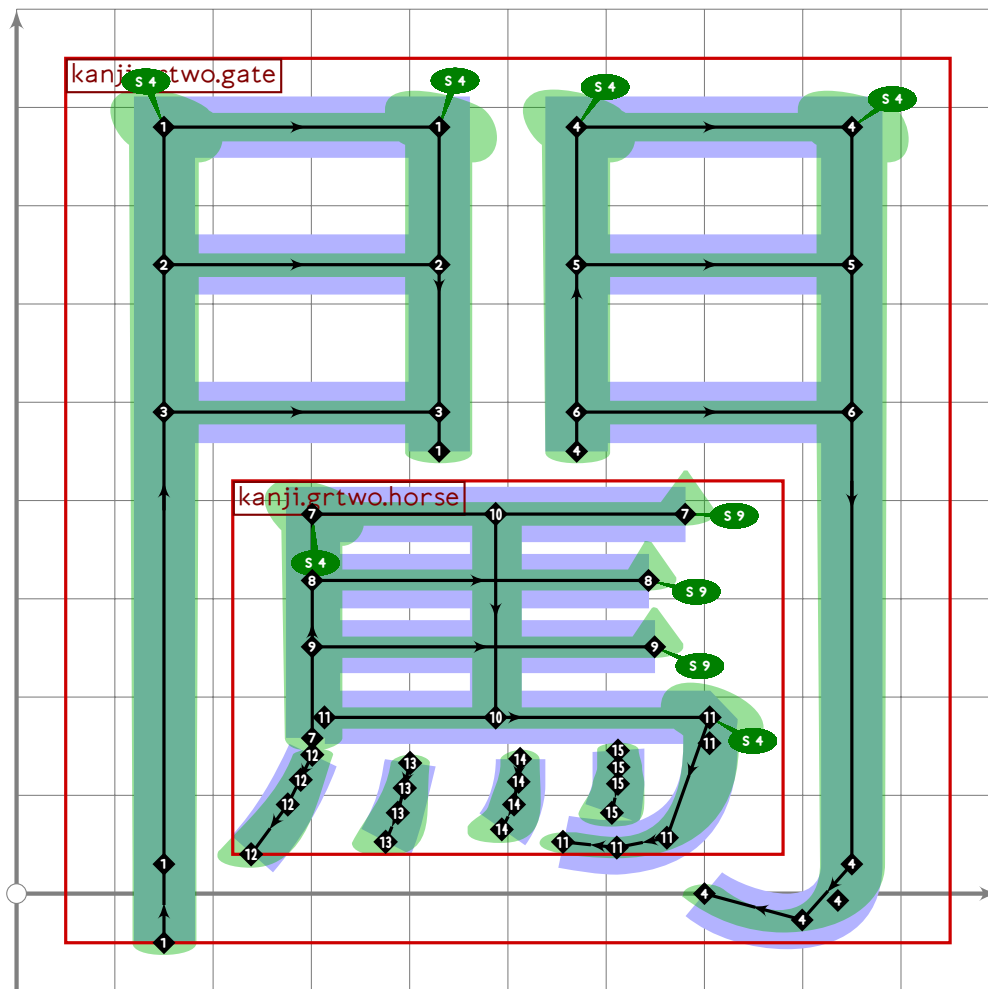


95

```

498 % extra
499 begintsuglyph("uni95CF",207);
500   build_kanji.gate_enclose(kanji.grtwowind);
501   tsu_render;
502 endtsuglyph;
503

```

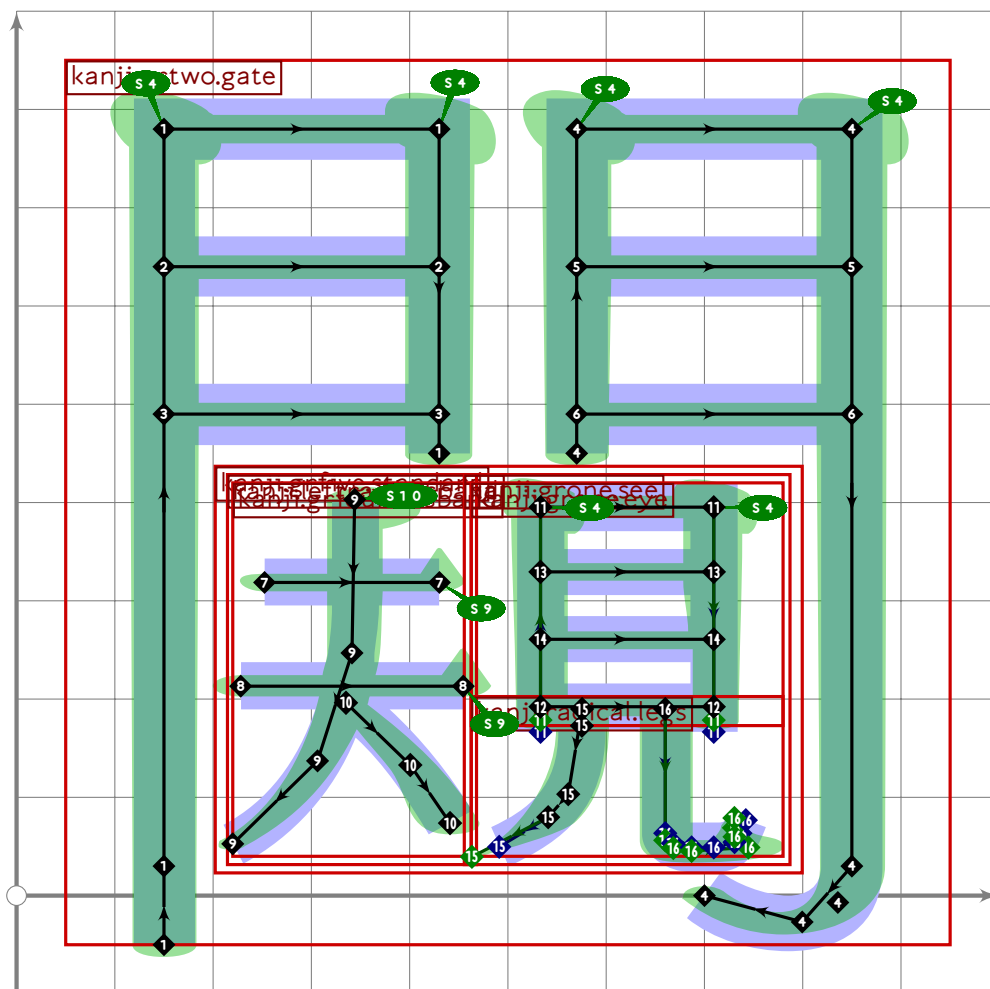


```

504 % extra: chin/ukaga "intrude"
505 begintsuglyph("uni95D6",214);
506   build_kanji.gate_enclose(kanji.grtwo.horse);
507   tsu_render;
508 endtsuglyph;
509

```

U+95DA
tsuku.uni95DA

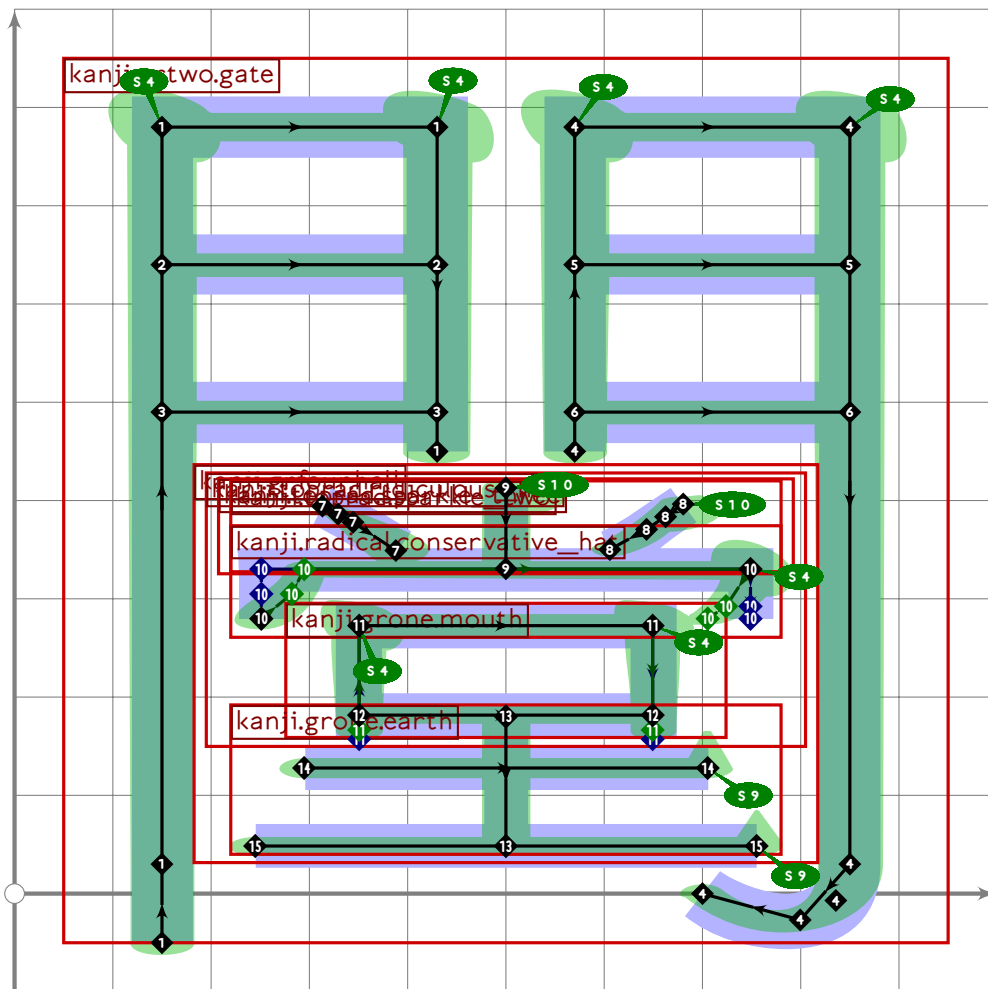


95

```

510 % extra: ki/ukaga "flash a glance"
511 begintsuglyph("uni95DA",218);
512   build_kanji.gate_enclose(kanji.grfive.standard);
513   tsu_render;
514 endtsuglyph;
515

```

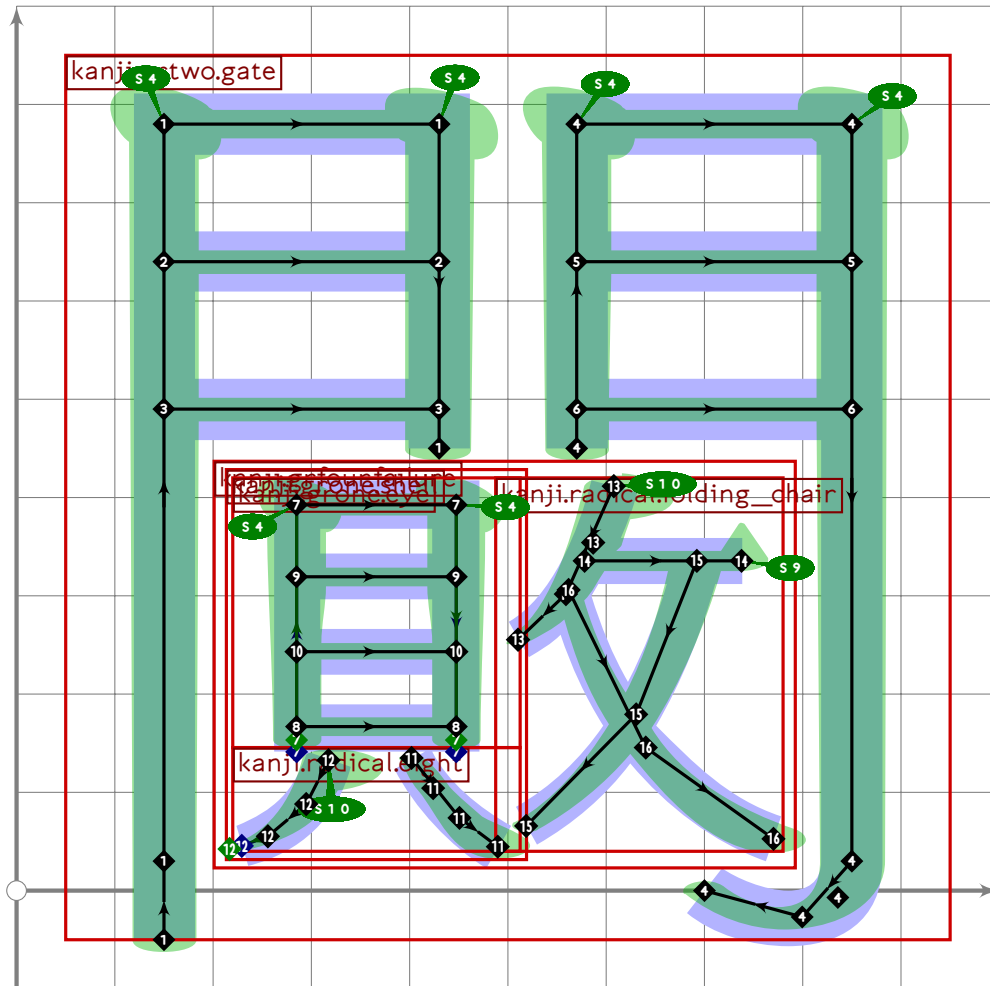


```

516 % extra
517 begintsuglyph("uni95DB",219);
518   build_kanji.gate_enclose(kanji.grfour.hall);
519   tsu_render;
520 endtsuglyph;
521

```

U+95DD
tsuku.uni95DD

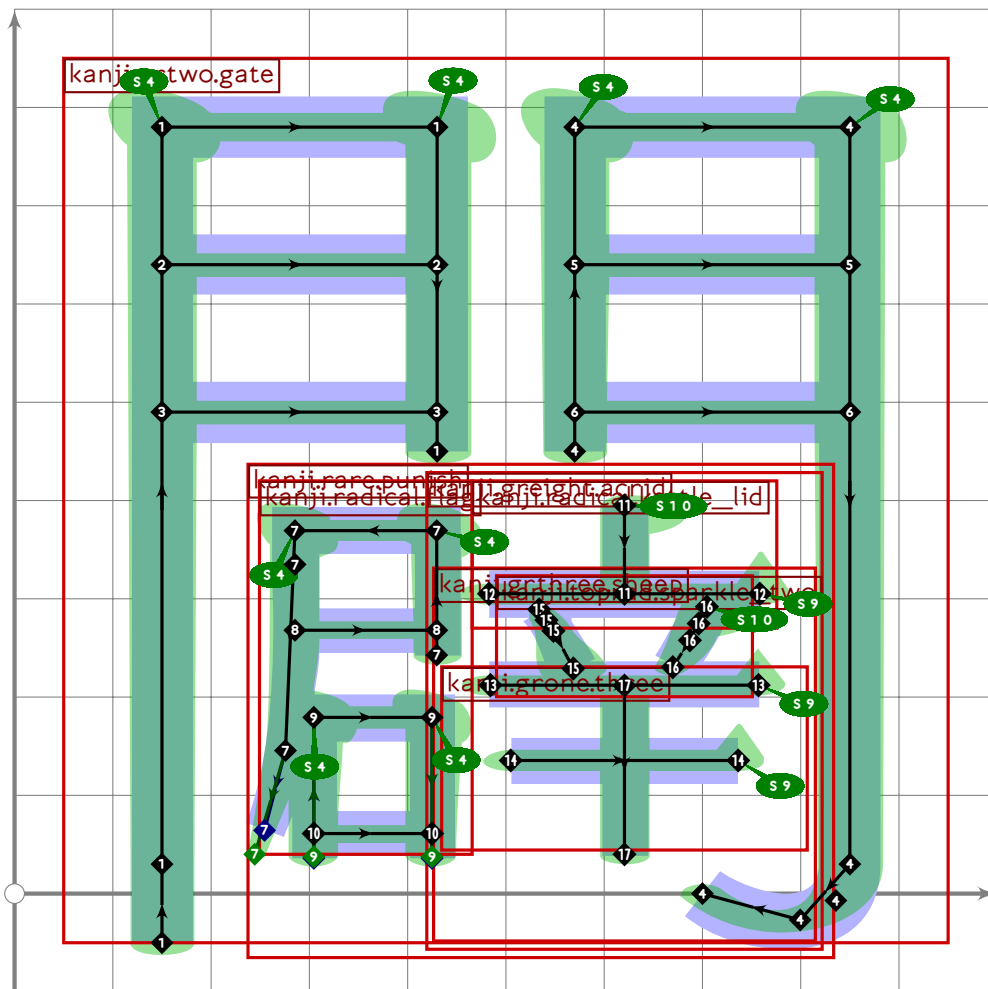


95

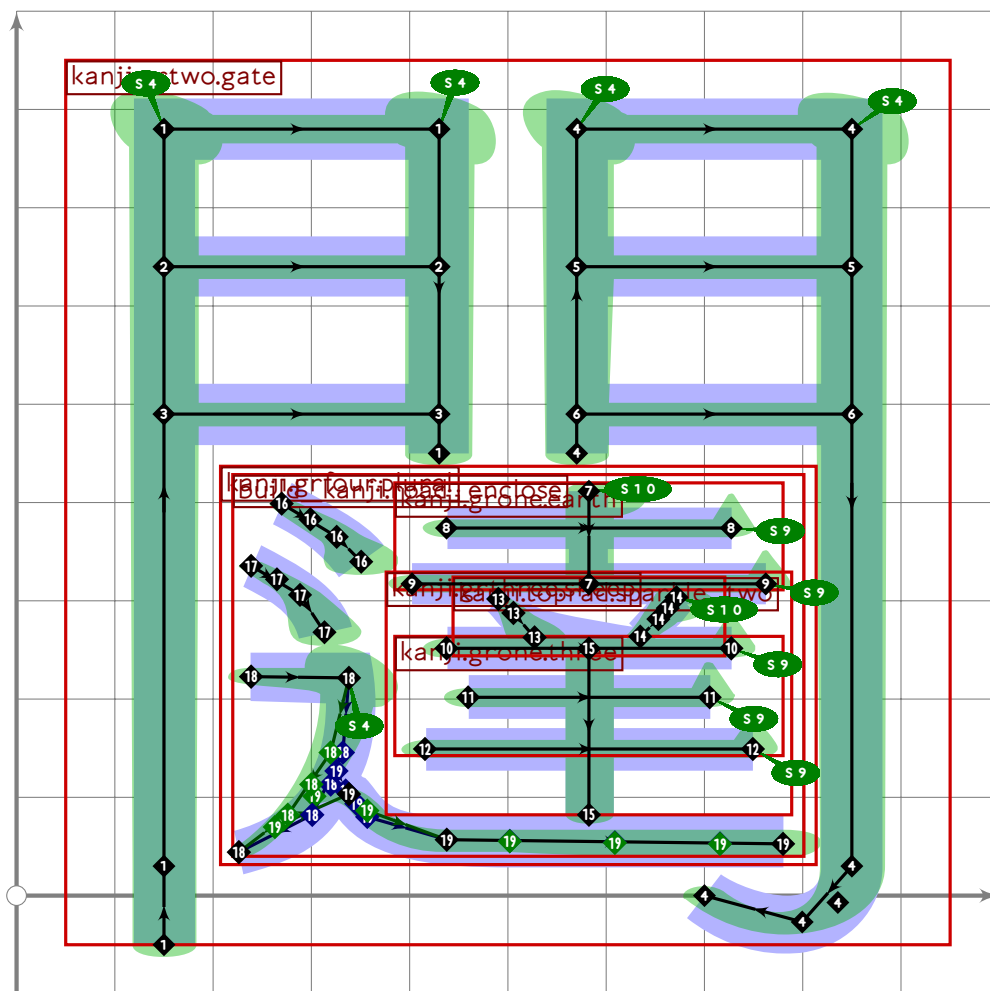
```

522 % extra: hyou/obo
523 begintsuglyph("uni95DD";221);
524   build_kanji.gate_enclose(kanji.grfour.failure);
525   tsu_render;
526 endtsuglyph;
527

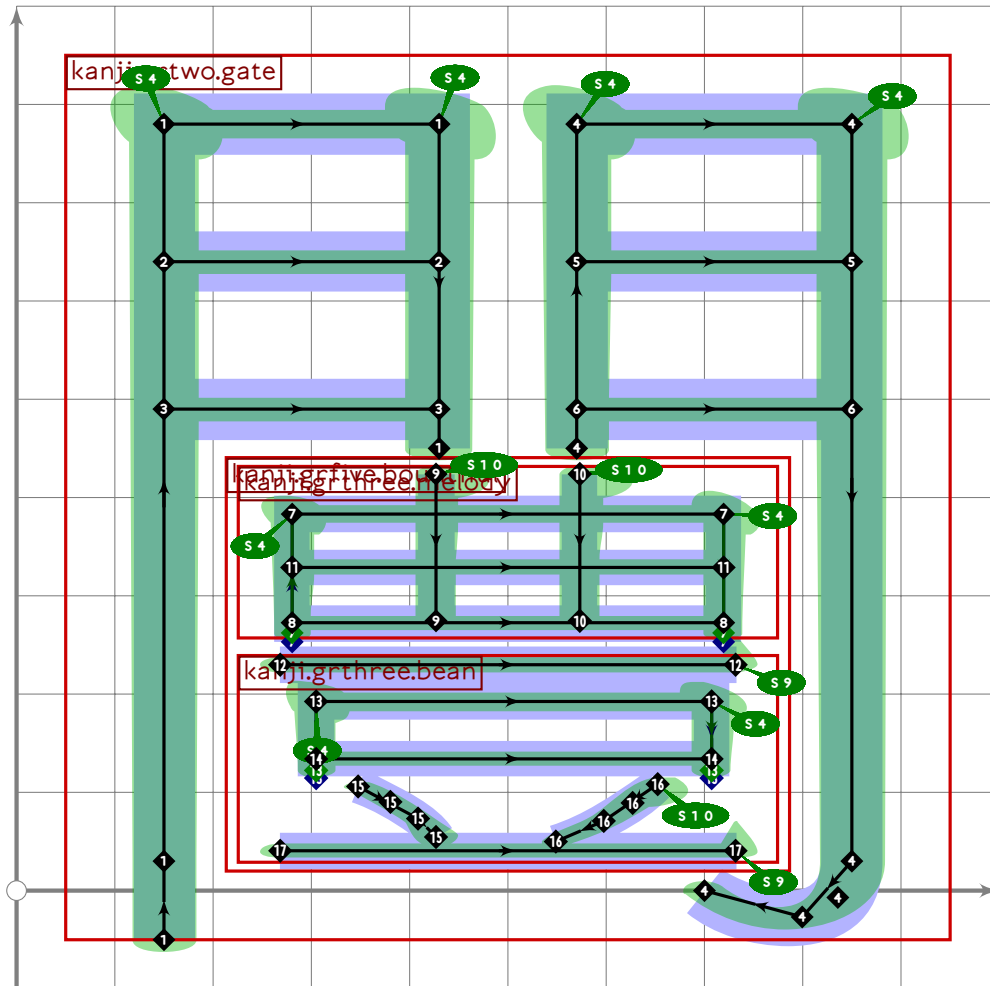
```

```
528 % extra: heki/hiro "open"
529 begintsuglyph("uni95E2",226);
530   build_kanji.gate_enclose(
531     build_kanji.sscale(xscaled 0.94 shifted (20,0))(kanji.rare.punish));
532   tsu_render;
533 endtsuglyph;
534
```



4242

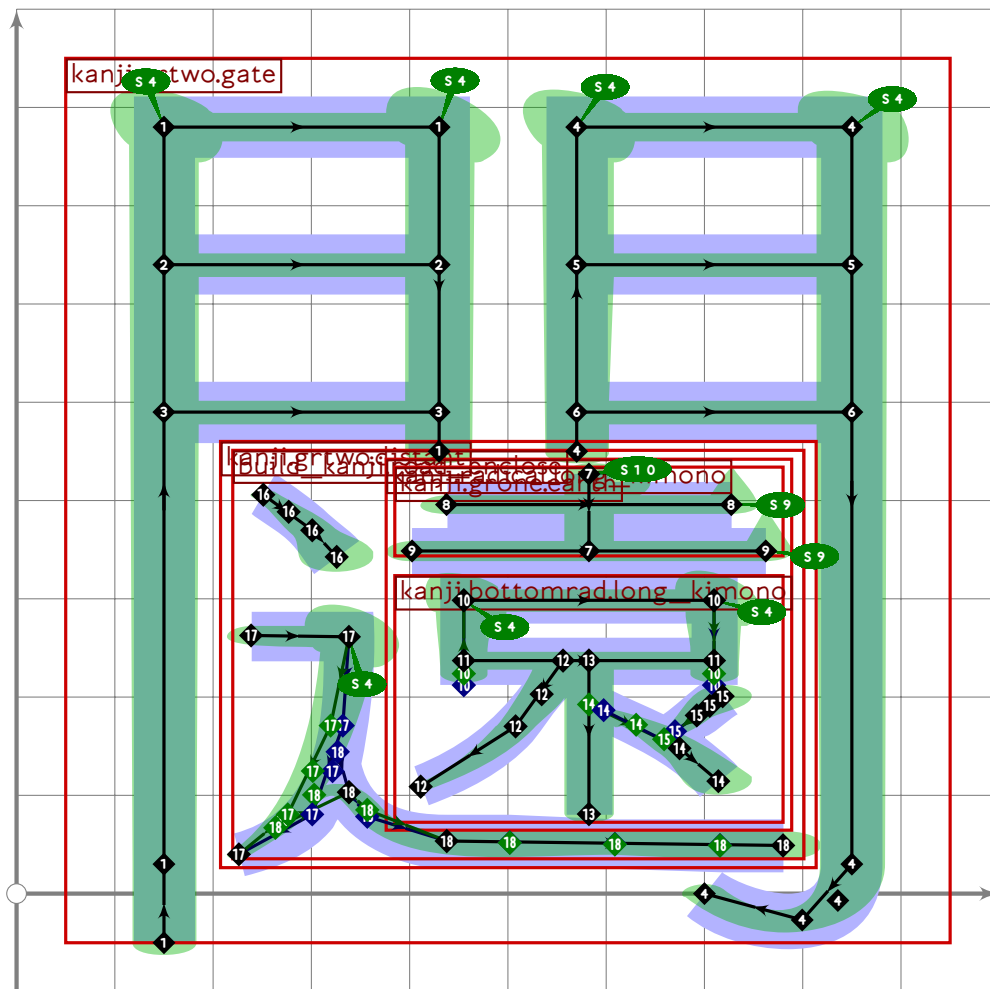


```

542 % extra: gon
543 begintsuglyph("uni95E6";230);
544   build_kanji.gate_enclose(
545     build_kanji.sscale(xyscaled (0.98,1.06))(kanji.grfive.bountiful);
546     for i=-10 upto 0: set_bosize(i,65); endfor;
547   );
548   tsu_render;
549 endtsuglyph;
550

```

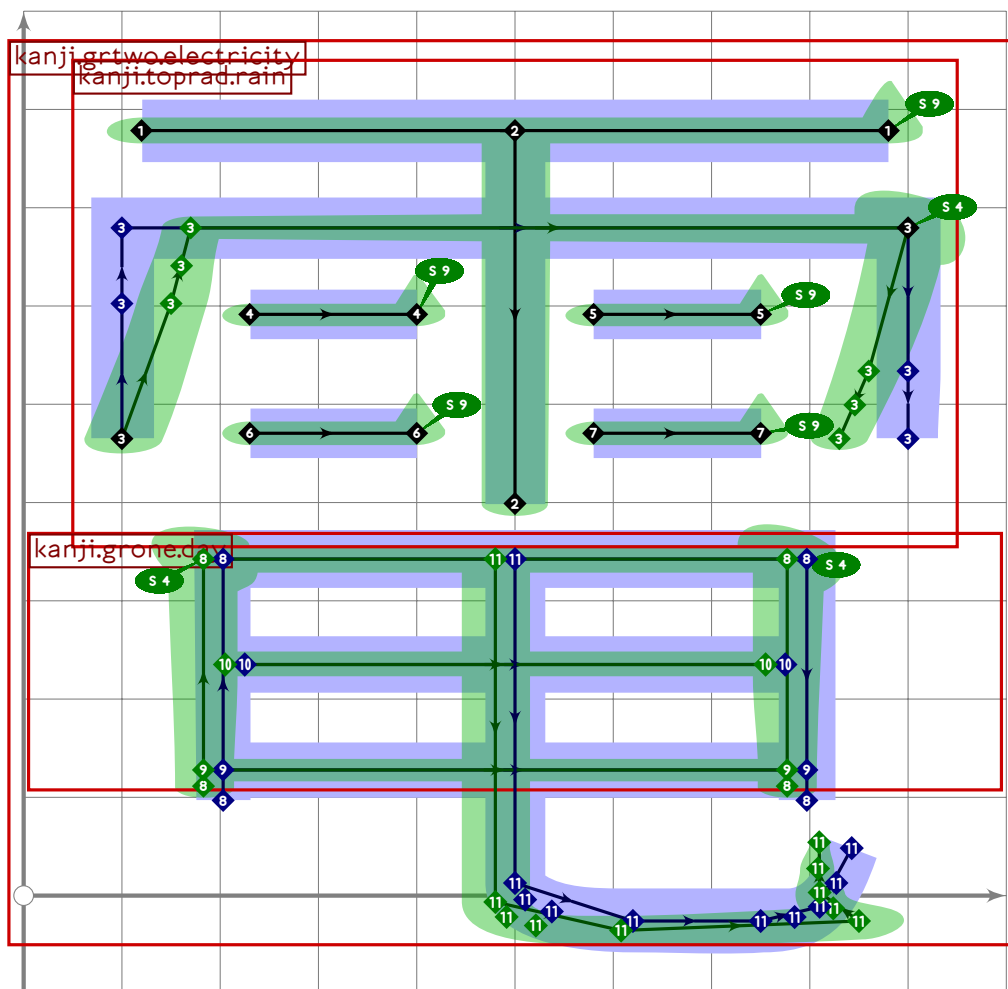
95



```
endfont;
```

tsuku-96.mp

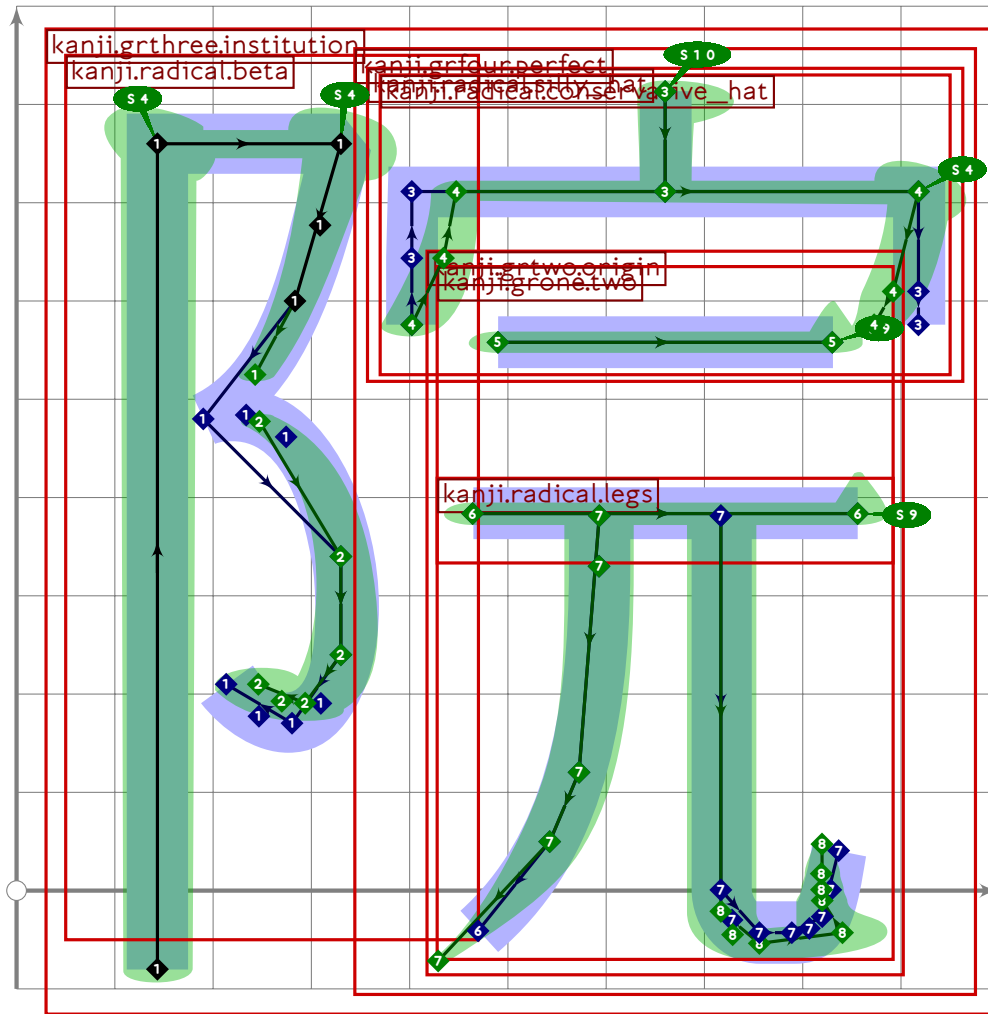
```
1 %
2 % Unicode page 96 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2017, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52
```



```

53
54 vardef kanji.grtwo.electricity =
55   push_pbox__toexpand("kanji.grtwo.electricity");
56   build_kanji.tb(370,30)
57   (kanji.toprad.rain)
58   (build_kanji.sscale(xyscaled (1,1,0.6) shifted (-20*mincho,150))
59   (kanji.grone.day);
60   push_stroke((point 1.5 of get_stroke(-2)),(1.6,1.6));
61   build_kanji.add_ltail(0);
62   expand_pbox;
63 enddef;
64
65

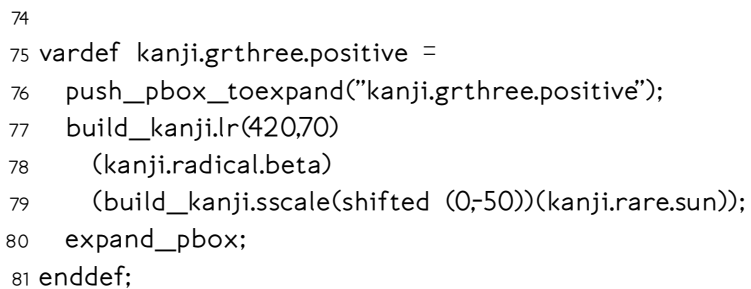
```

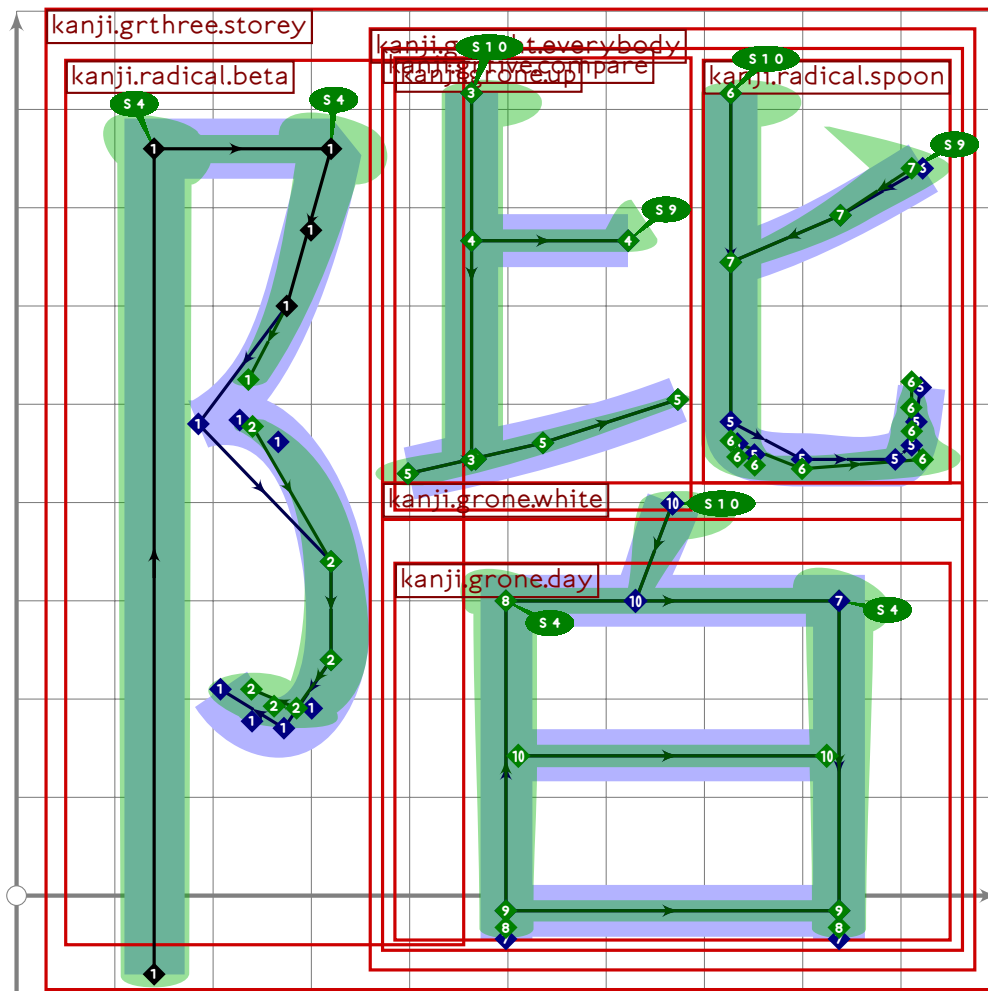


```

66
67 vardef kanji.grthree.institution =
68   push_pbox_toexpand("kanji.grthree.institution");
69   build_kanji.lr(420,100)
70     (kanji.radical.beta)
71     (build_kanji.sscale(shifted (0;20))(kanji.grfour.perfect));
72   expand_pbox;
73 enddef;

```

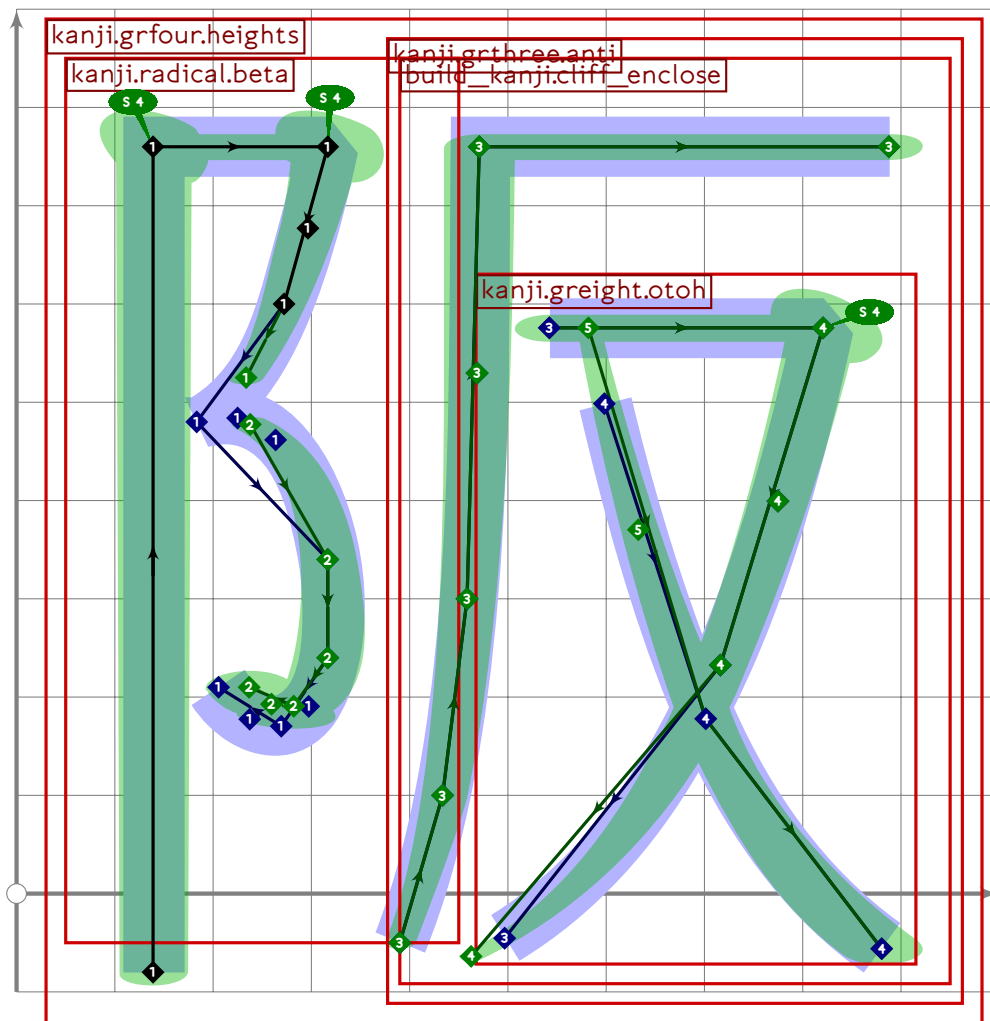




```

82
83 vardef kanji.grthree.storey =
84   push_pbox_toexpand("kanji.grthree.storey");
85   build_kanji.lr(420,70)
86     (kanji.radical.beta)
87     (kanji.greight.everybody);
88   expand_pbox;
89 enddef;
90
91

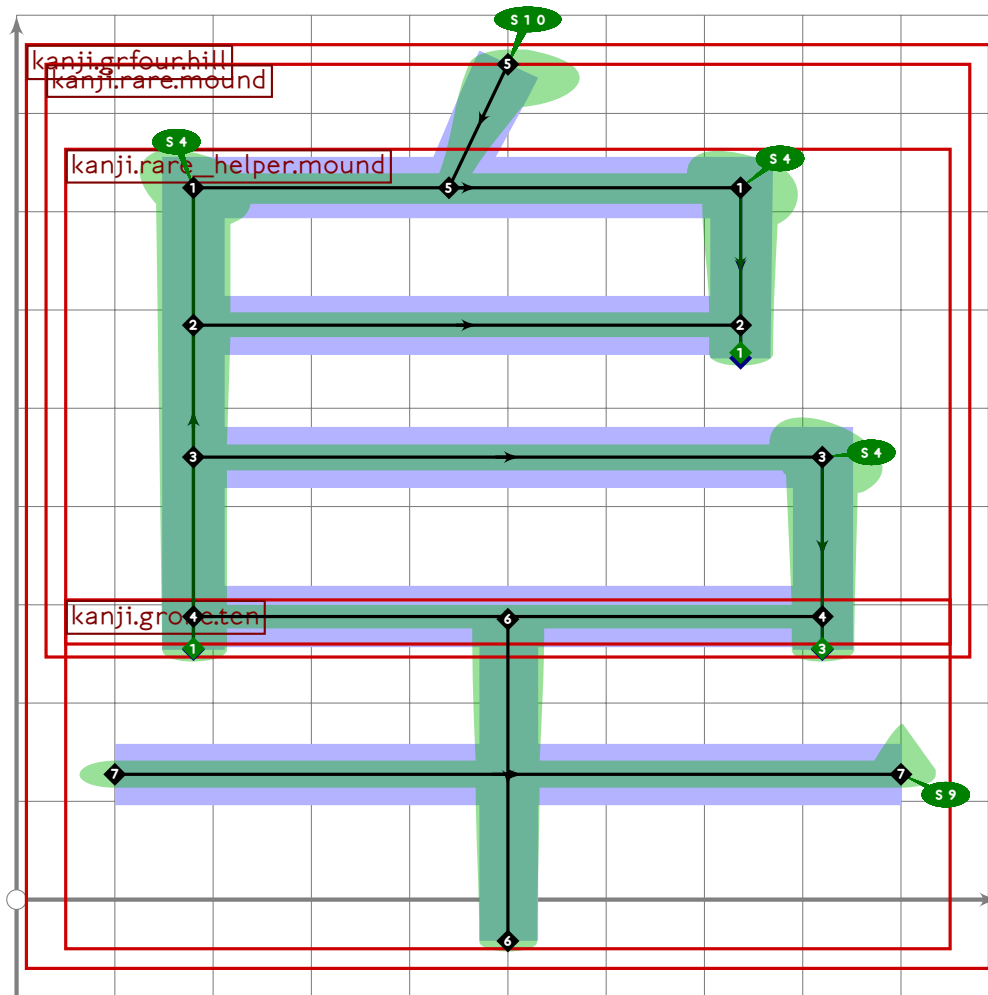
```



```

92
93 vardef kanji.grfour.heights =
94   push_pbox_toexpand("kanji.grfour.heights");
95   build_kanji.level(build_kanji.lr(420,60)
96     (kanji.radical.beta)
97     (kanji.grthree.anti));
98   expand_pbox;
99 enddef;

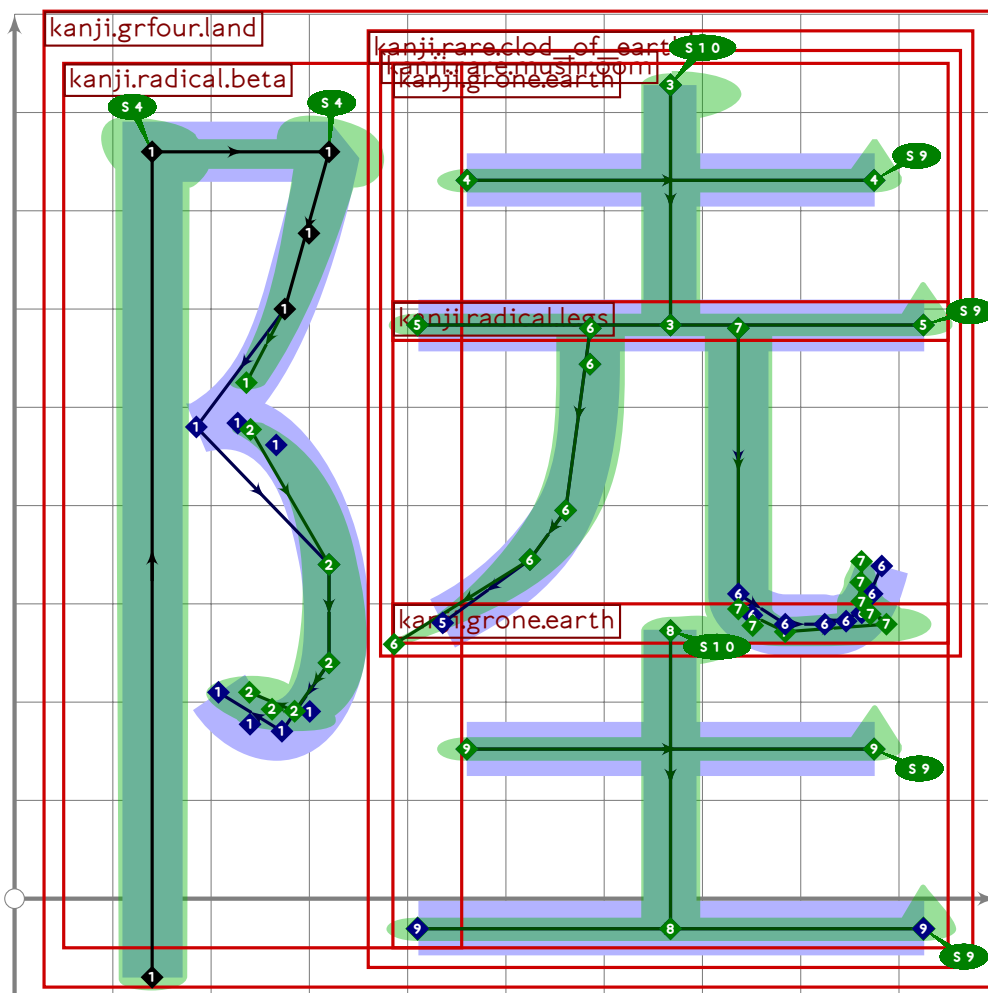
```



```

100
101 vardef kanji.grfour.hill =
102   push_pbox_toexpand("kanji.grfour.hill");
103   build_kanji.level(build_kanji.tb(280,50)
104     (kanji.rare.mound)
105     (kanji.grone.ten;
106       set_boserif(-1,0,whatever)));
107   expand_pbox;
108 enddef;

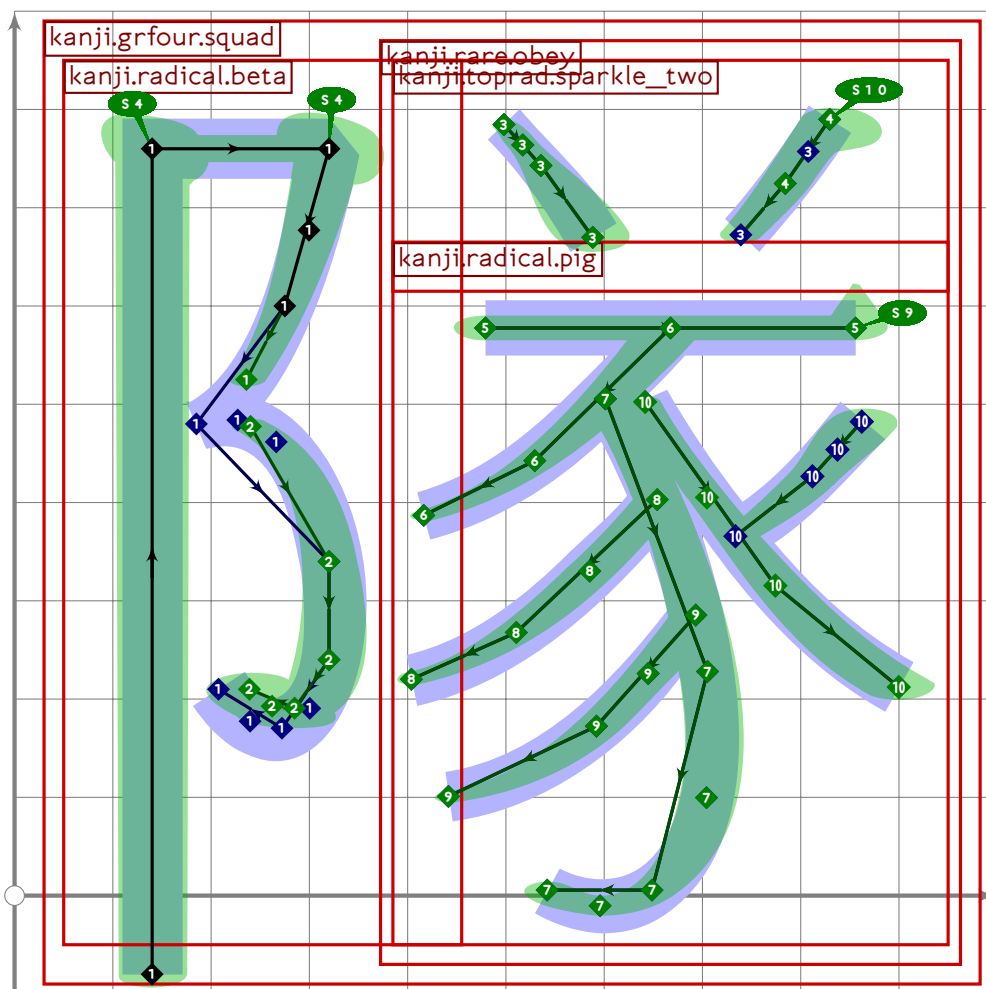
```



```

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

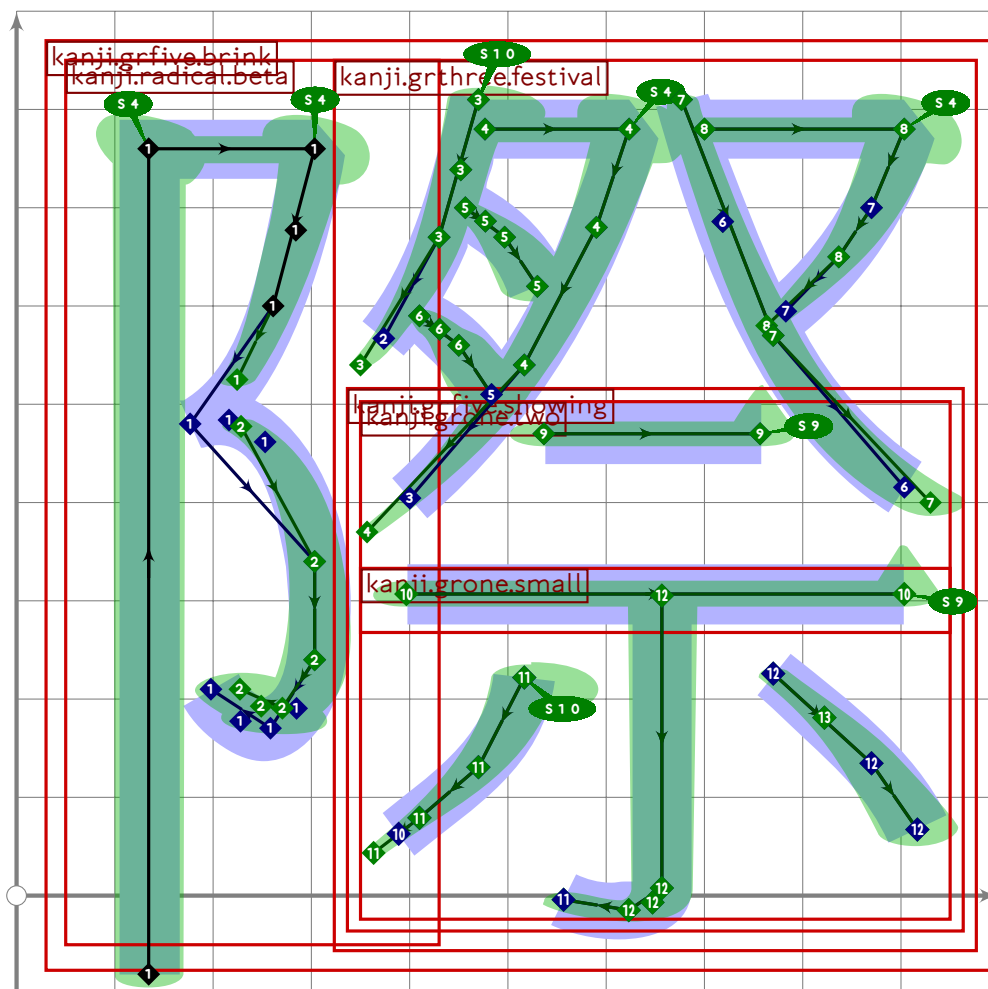
```



```

117
118 vardef kanji.grfour.squad =
119   push_pbox_toexpand("kanji.grfour.squad");
120   build_kanji.lr(420,70)
121     (kanji.radical.beta)
122     (kanji.rare.obey);
123   expand_pbox;
124 enddef;
125
126

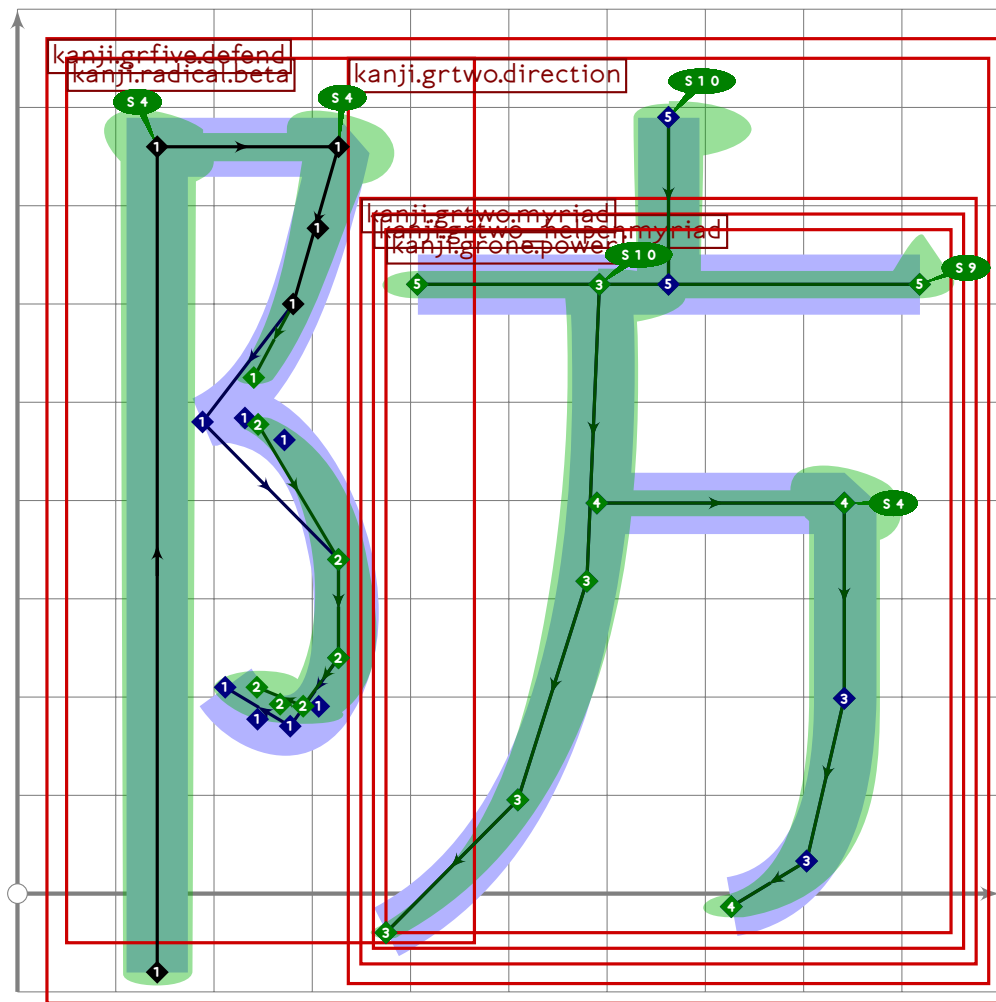
```



```

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

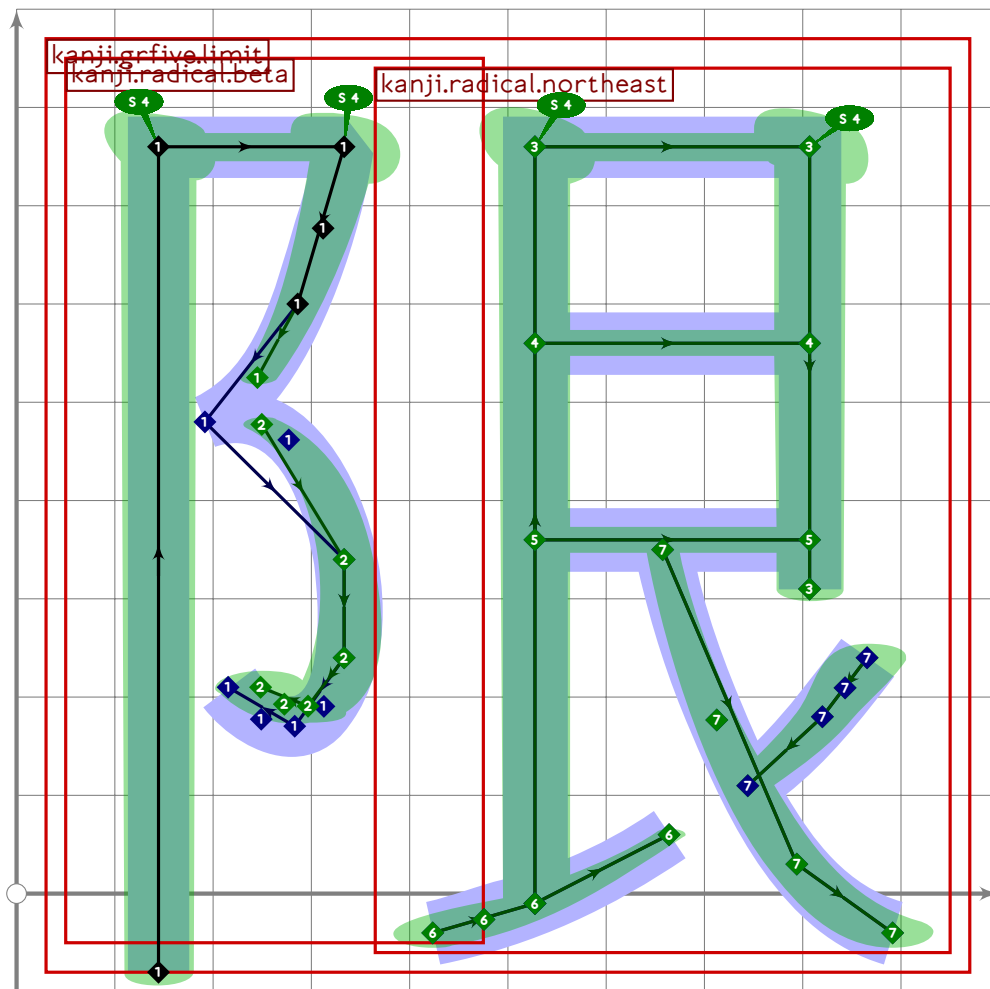
```



```

135
136 vardef kanji.grfive.defend =
137   push_pbox_toexpand("kanji.grfive.defend");
138   build_kanji.lr(420,90)
139     (kanji.radical.beta)
140     (kanji.grtwo.direction);
141   expand_pbox;
142 enddef;

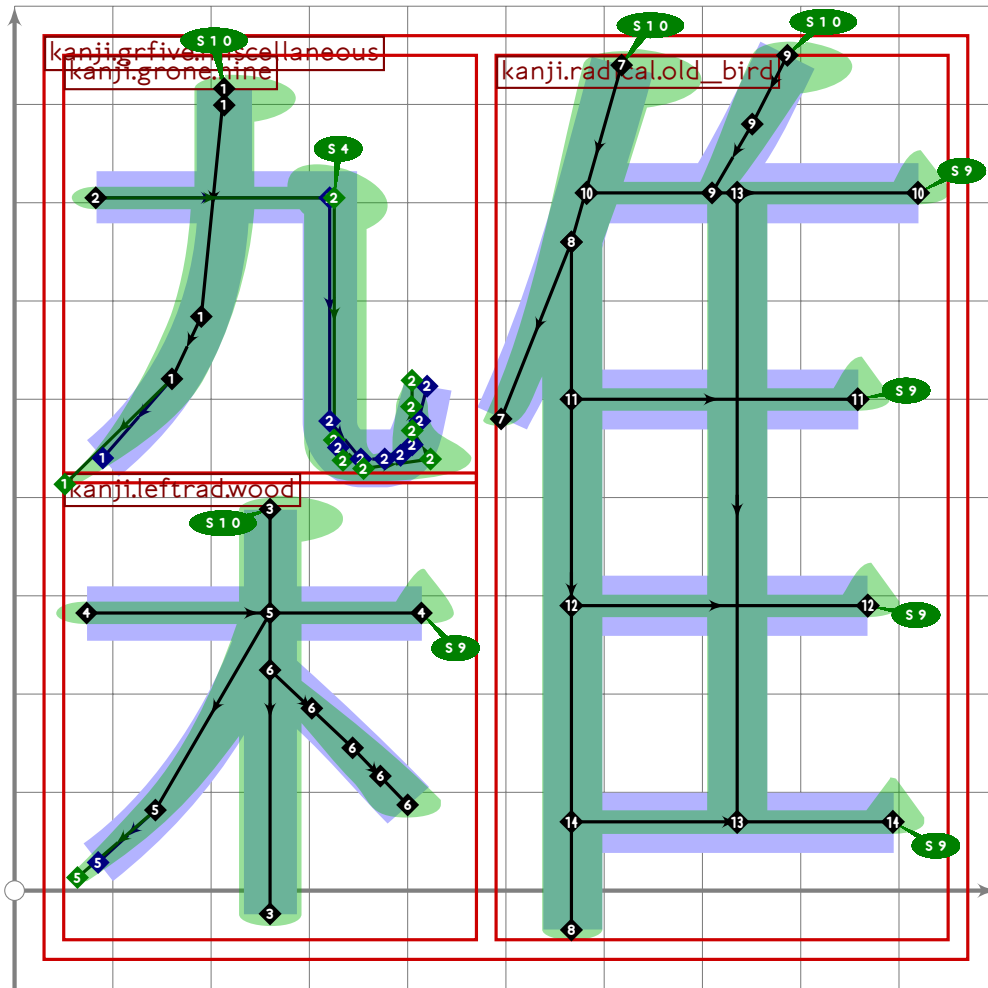
```



```

143
144 vardef kanji.grfive.limit =
145   push_pbox_toexpand("kanji.grfive.limit");
146   build_kanji.lr(420,110)
147   (kanji.radical.beta)
148   (build_kanji.sscale(shifted (0;10))(kanji.radical.northeast));
149   expand_pbox;
150 enddef;

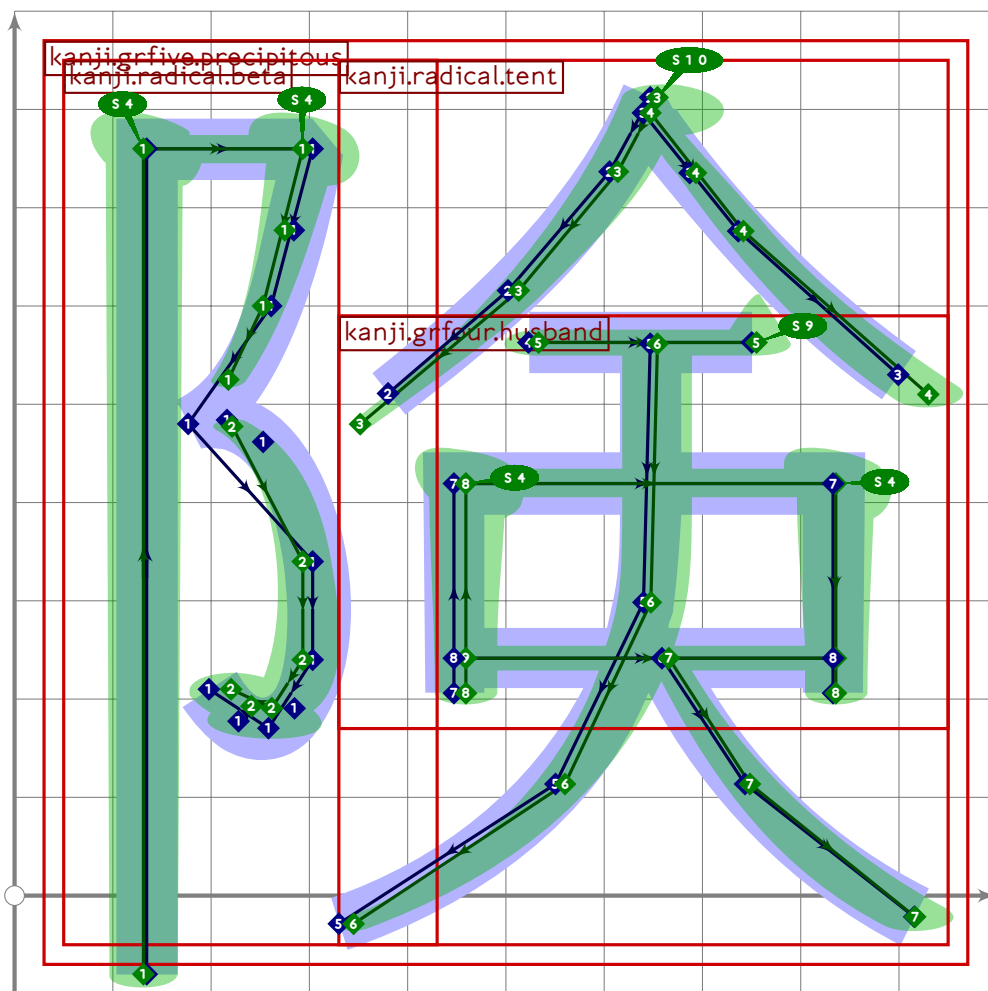
```

```

151
152 vardef kanji.grfive.miscellaneous =
153   push_pbox_toexpand("kanji.grfive.miscellaneous");
154   build_kanji.lr(480;20)
155     (build_kanji.level(build_kanji.tb(420;10)
156       (kanji.grone.nine)
157       (kanji.leftrad.wood)))
158     (kanji.radical.old_bird);
159   expand_pbox;
160 enddef;

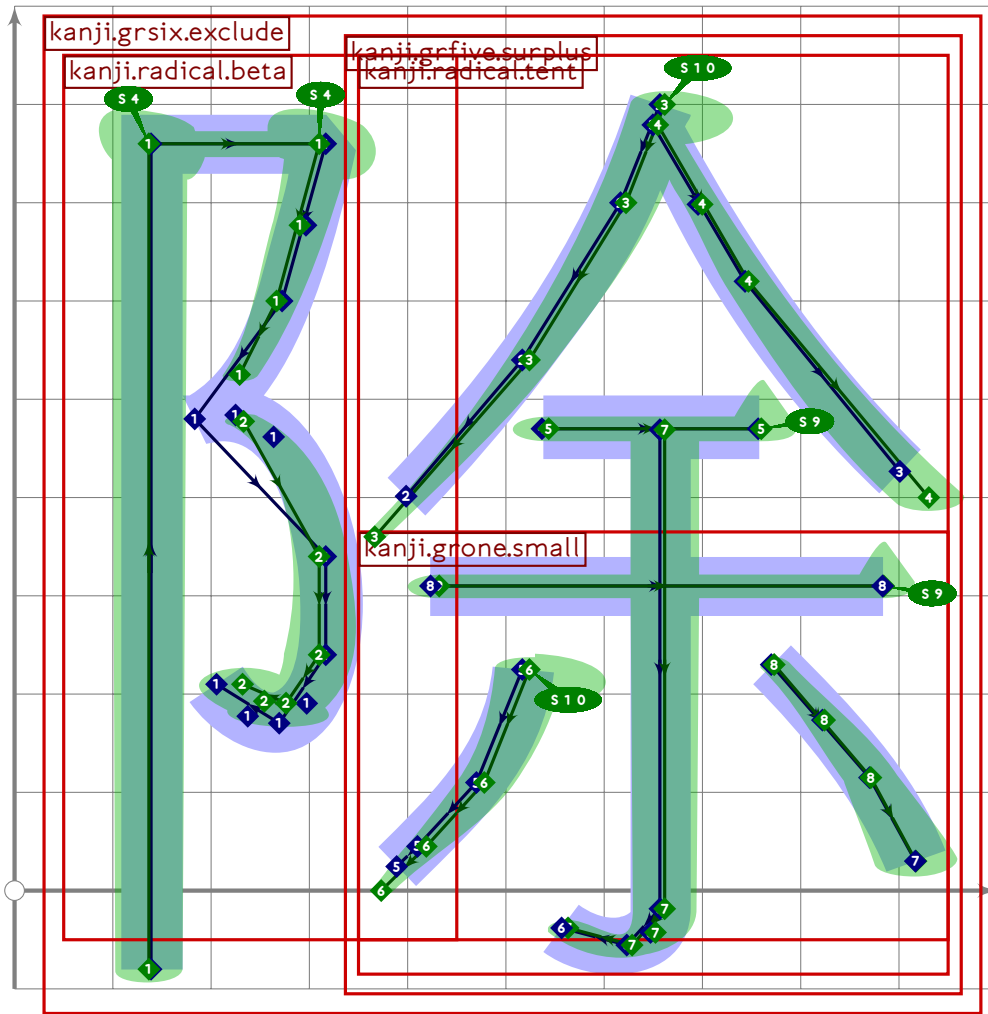
```



```

161
162 vardef kanji.grfive.precipitous =
163   push_pbox__toexpand("kanji.grfive.precipitous");
164   build_kanji.level(build_kanji.lr(380,100-30*mincho)
165     (kanji.radical.beta)
166     (build_kanji.tb(380,420)
167       (kanji.radical.tent)
168       (kanji.grfour.husband;
169         set_bosize(-3,0);
170         set_bosize(-2,0);
171         set_boserif(-1,0,whatever);
172         build_kanji.box((220,610),(780,360)))));
173   expand_pbox;
174 enddef;
175
176

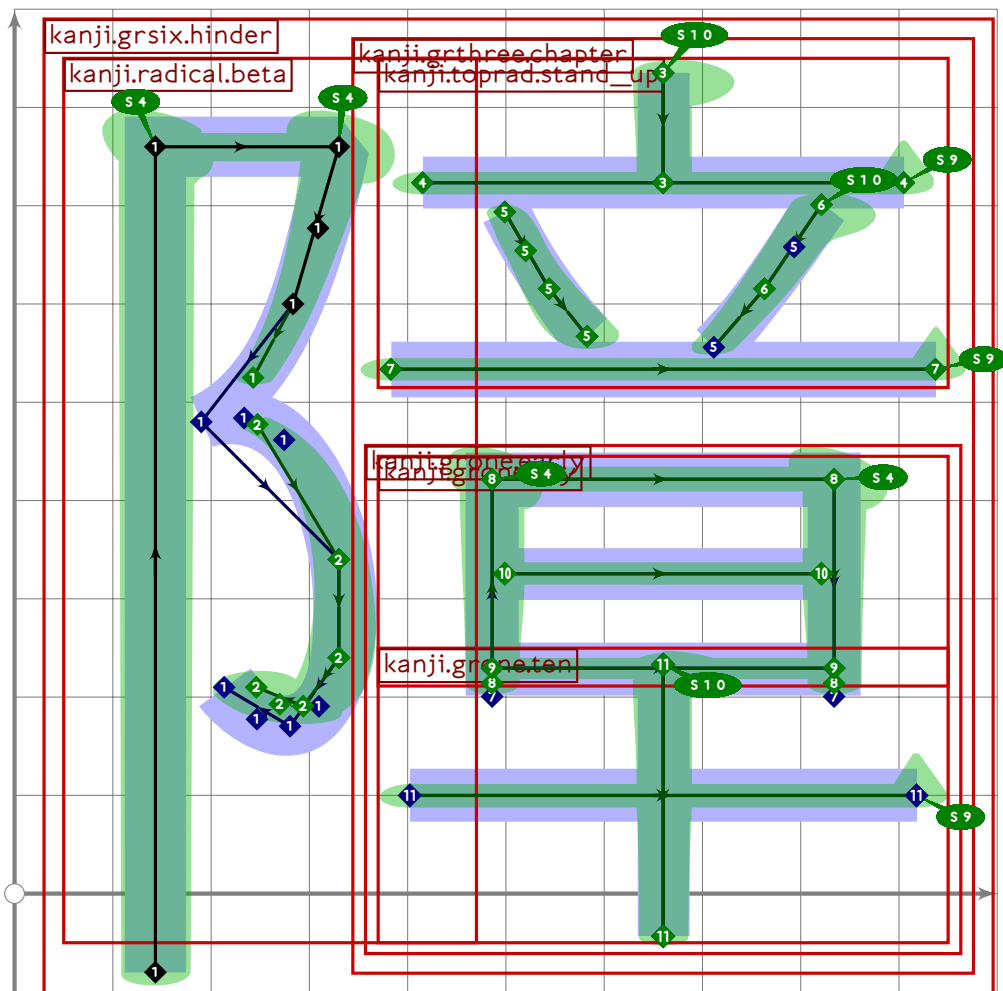
```



```

177
178 vardef kanji.grsix.exclude =
179   push_pbox_toexpand("kanji.grsix.exclude");
180   build_kanji.lr(400,100-20*mincho)
181     (kanji.radical.beta)
182     (kanji.grfive.surplus);
183   expand_pbox;
184 enddef;

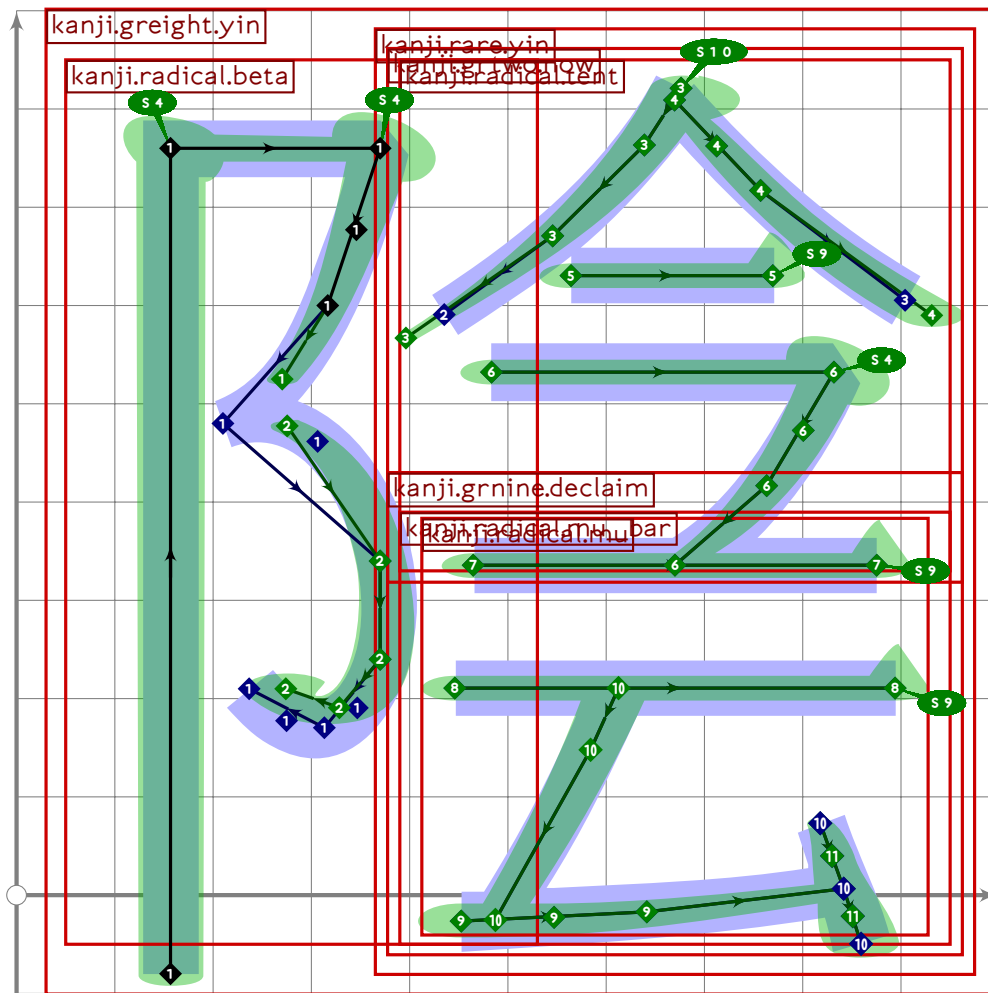
```



```

185
186 vardef kanji.grsix.hinder =
187   push_pbox_toexpand("kanji.grsix.hinder");
188   build_kanji.lr(420,100)
189     (kanji.radical.beta)
190     (kanji.grthree.chapter);
191   expand_pbox;
192 enddef;
193
194

```



```

195
196 vardef kanji.greight.yin =
197   push_pbox_toexpand("kanji.greight.yin");
198   build_kanji.level(build_kanji.lr(460,140)
199     (kanji.radical.beta)
200     (kanji.rare.yin));
201   expand_pbox;
202 enddef;
203
204
205
206 % fu/oka "hill"
207 begintsuglyph("uni961C";28);
208 kanji.grfour.hill;
209 tsu_render;
210 endtsuglyph;
211
212 % kozato "left village" (beta-looking) radical
213 begintsuglyph("uni961D";29);
214 kanji.radical.beta;
215 tsu_render;

```

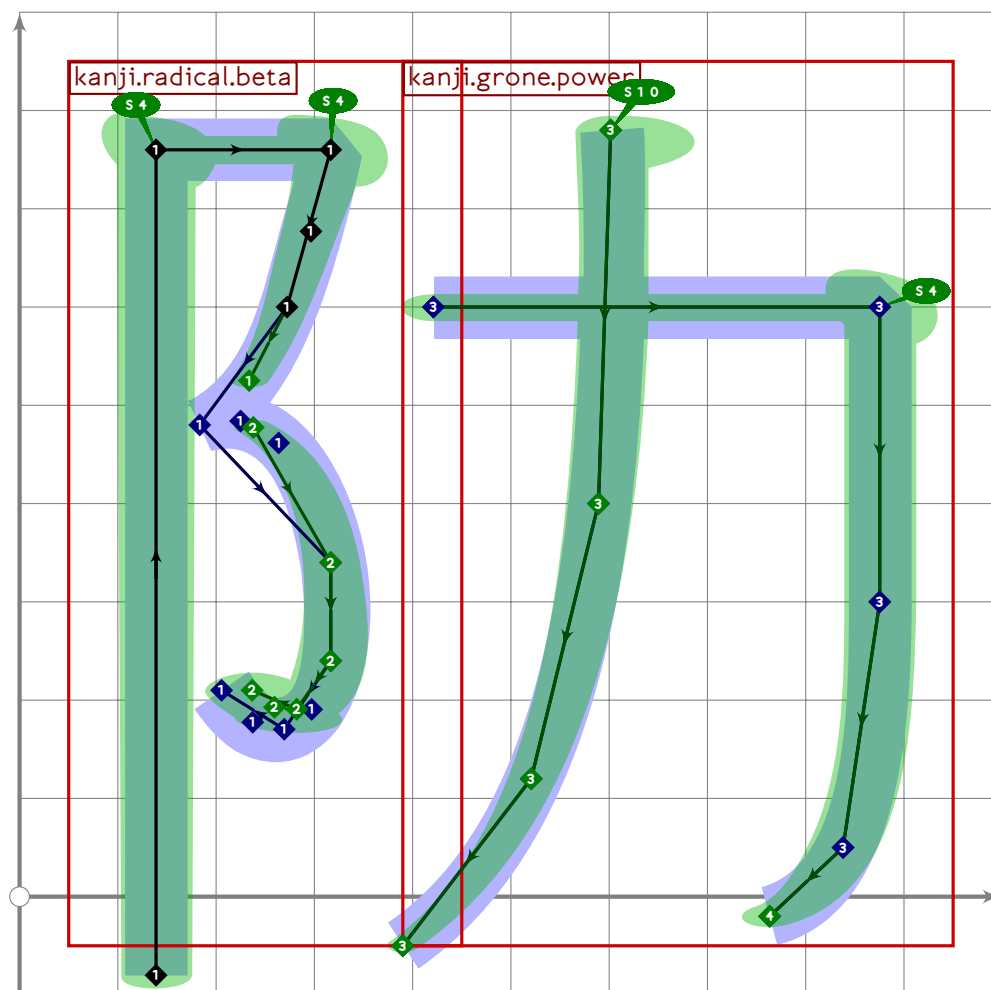
[see page 4251]

[see page 861]

U+961E
tsuku.uni961E

216 endtsuglyph;

217



218 % extra "vein"

219 begintsuglyph("uni961E";30);

220 build_kanji.level(build_kanji.lr(420,60)

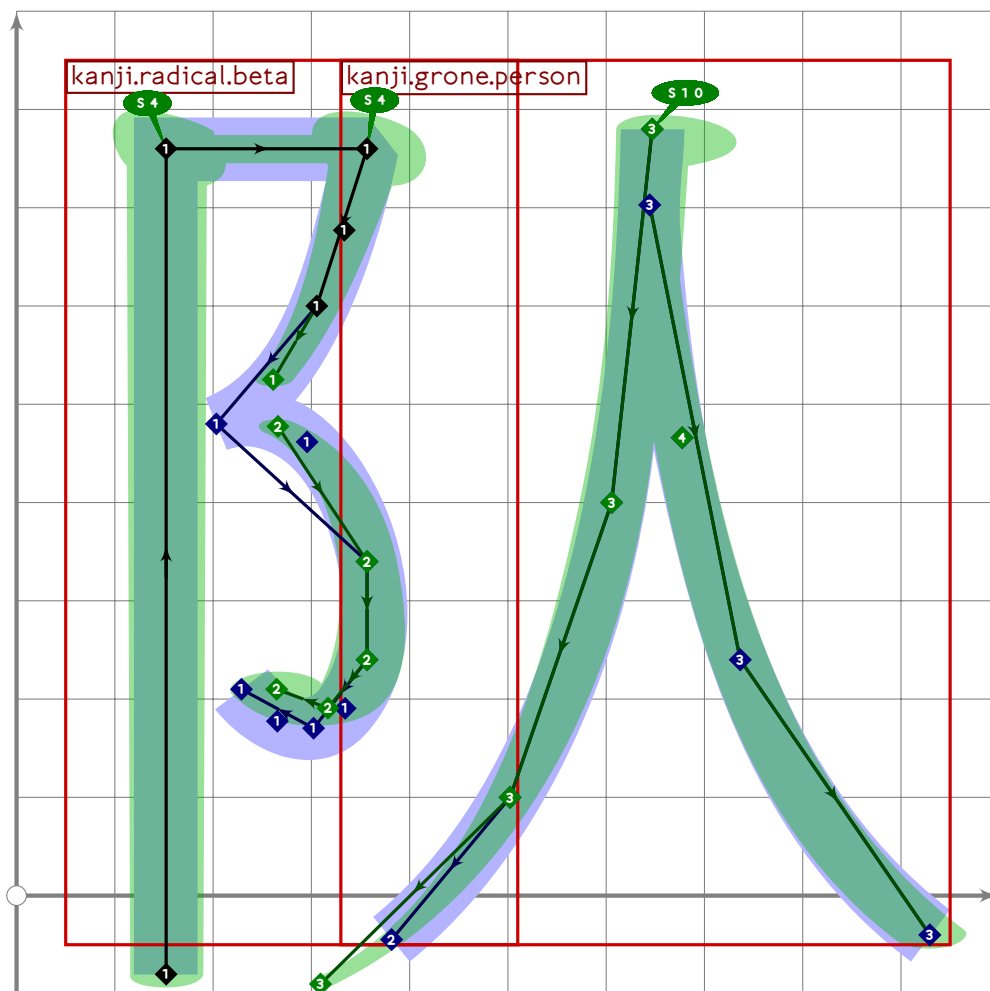
221 (kanji.radical.beta)

222 (kanji.grone.power));

223 tsu_render;

224 endtsuglyph;

225

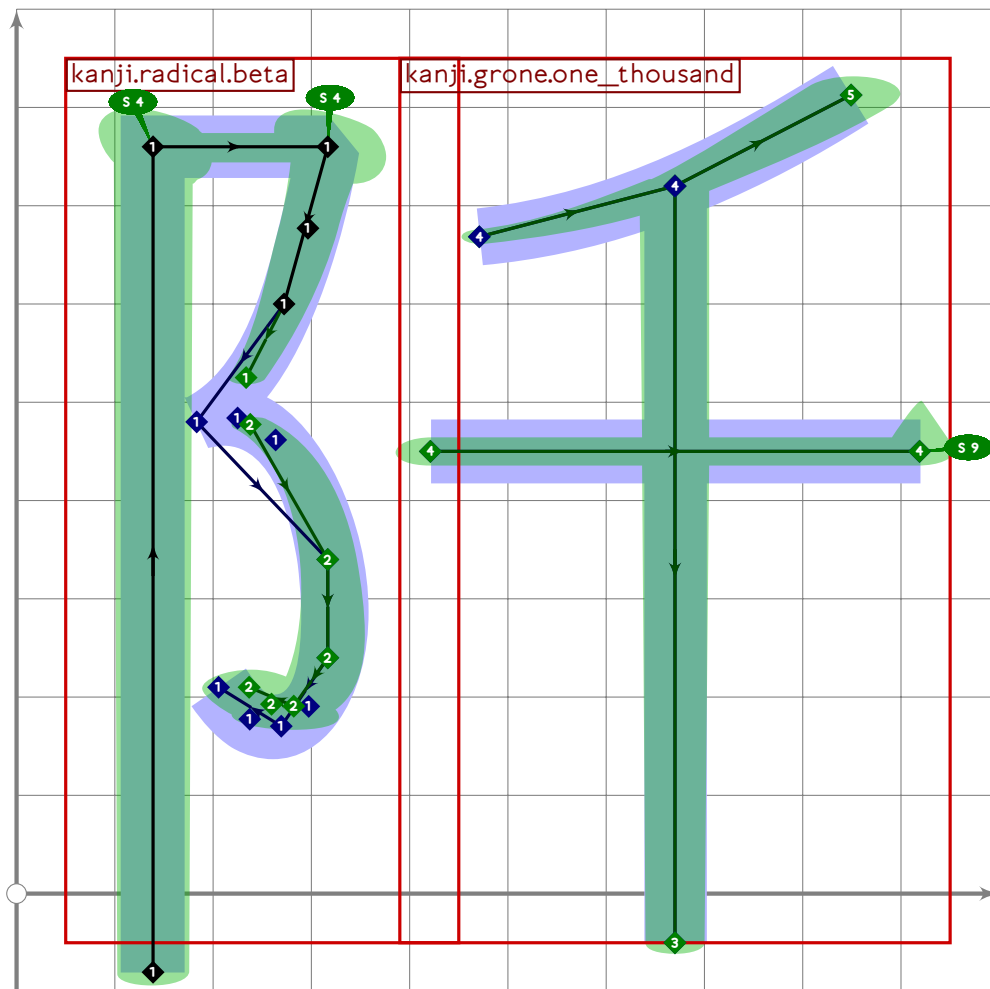


```

226 % extra
227 begintsuglyph("uni961F";31);
228   build_kanji.level(build_kanji.lr(420,180)
229     (kanji.radical.beta)
230     (kanji.grone.person));
231   tsu_render;
232 endtsuglyph;
233

```

U+9621
tsuku.uni9621

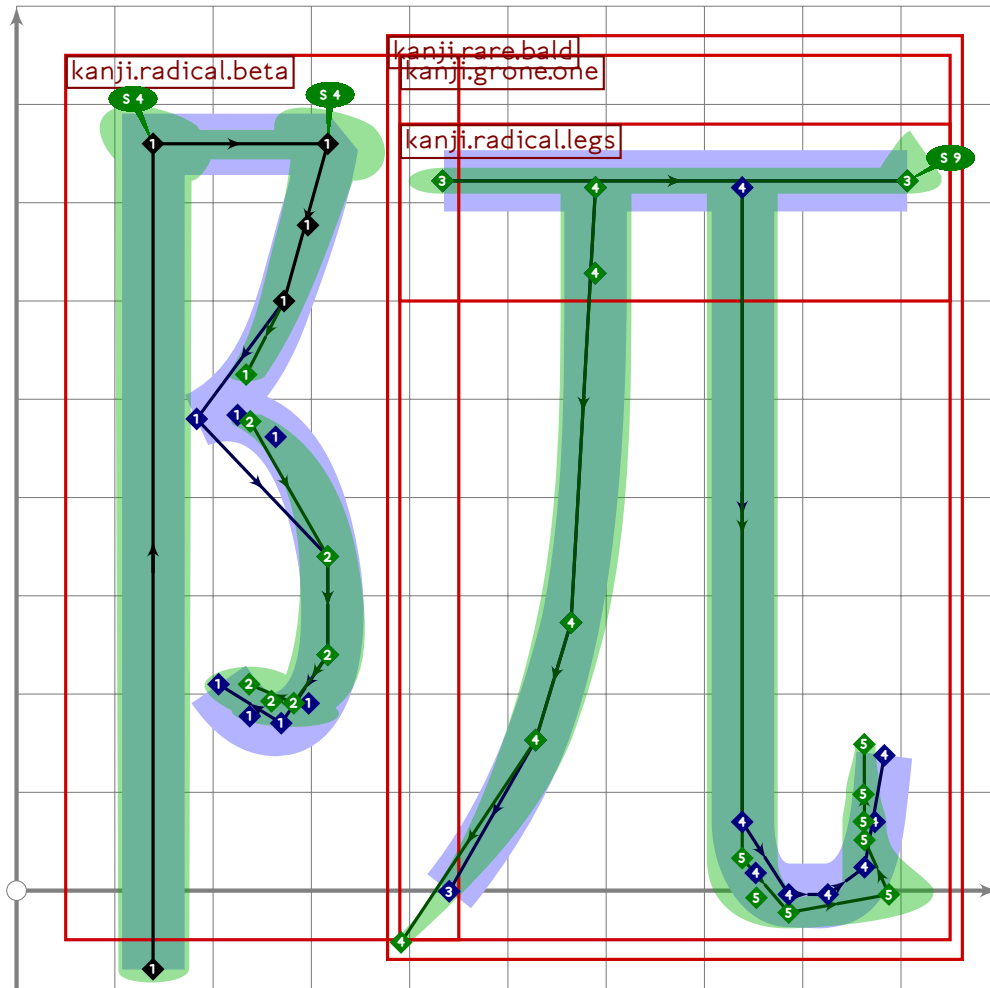


96

```

234 % extra "thousand"
235 begintsuglyph("uni9621";33);
236   build_kanji.level(build_kanji.lr(420,60)
237     (kanji.radical.beta)
238     (kanji.grone.one_thousand));
239   tsu_render;
240 endtsuglyph;
241

```

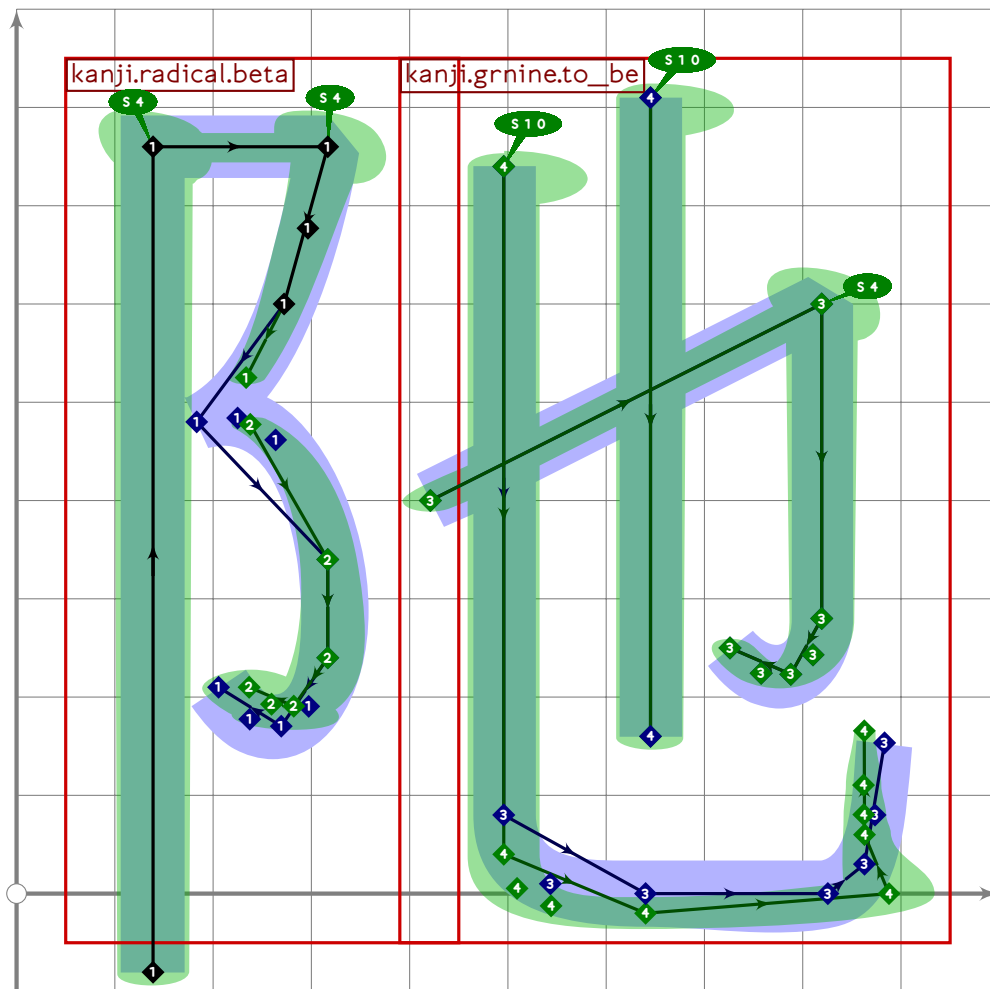



```

242 % extra
243 begintsuglyph("uni9622",34);
244   build_kanji.level(build_kanji.lr(420,60)
245     (kanji.radical.beta)
246     (kanji.rare.bald));
247   tsu_render;
248 endtsuglyph;
249

```

U+9624
tsuku.uni9624

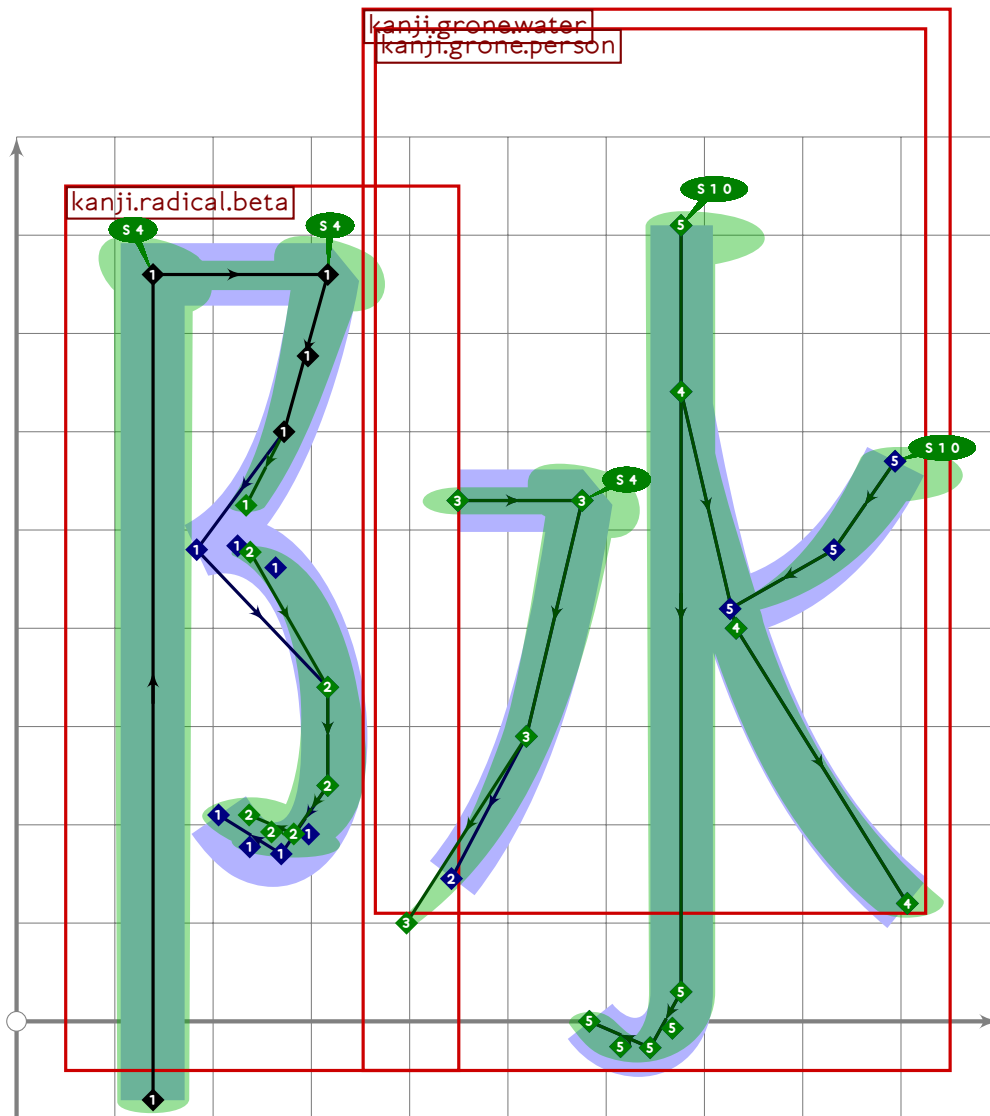


96

```

250 % extra
251 begintsuglyph("uni9624";36);
252   build_kanji.level(build_kanji.lr(420,60)
253     (kanji.radical.beta)
254     (kanji.grnine.to_be));
255   tsu_render;
256 endtsuglyph;
257

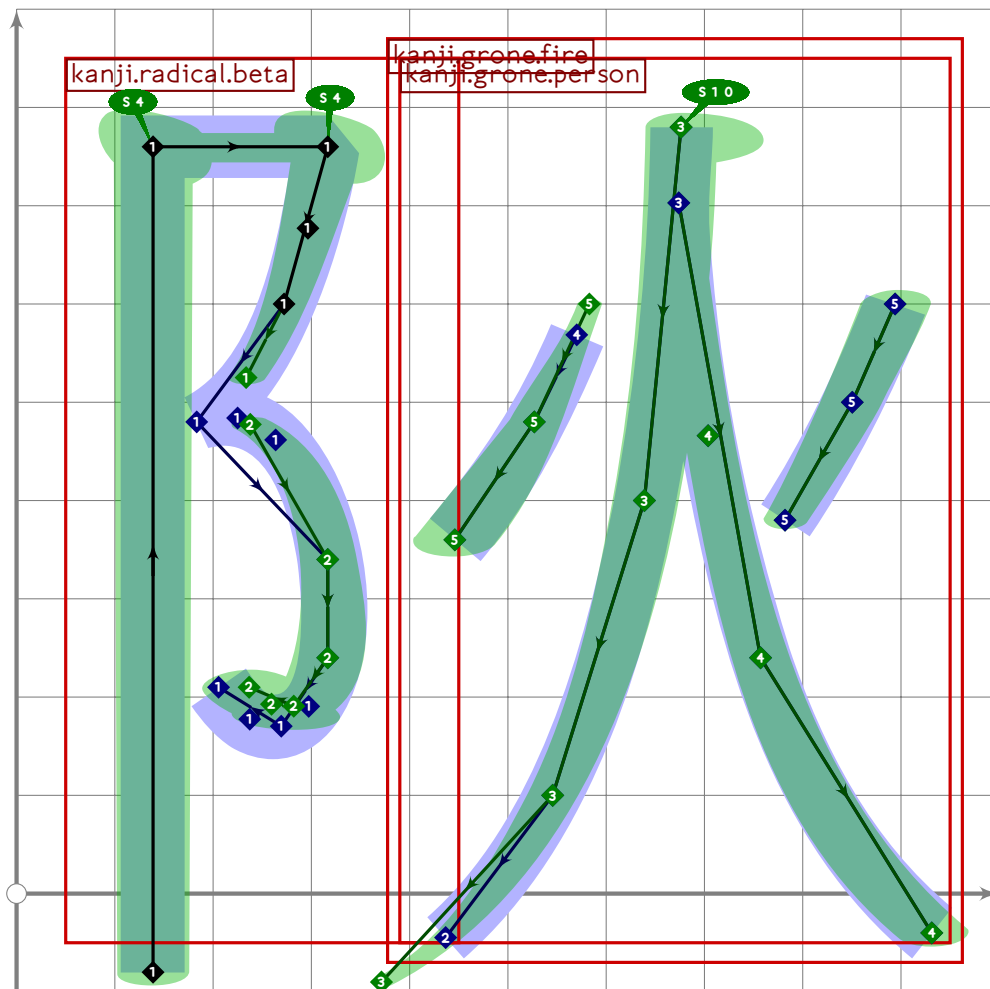
```



```

258 % extra
259 begintuglyph("uni9625";37);
260 build_kanji.level(build_kanji.lr(420,60)
261   (kanji.radical.beta)
262   (kanji.gronewater));
263 tsu_render;
264 endtsuglyph;
265

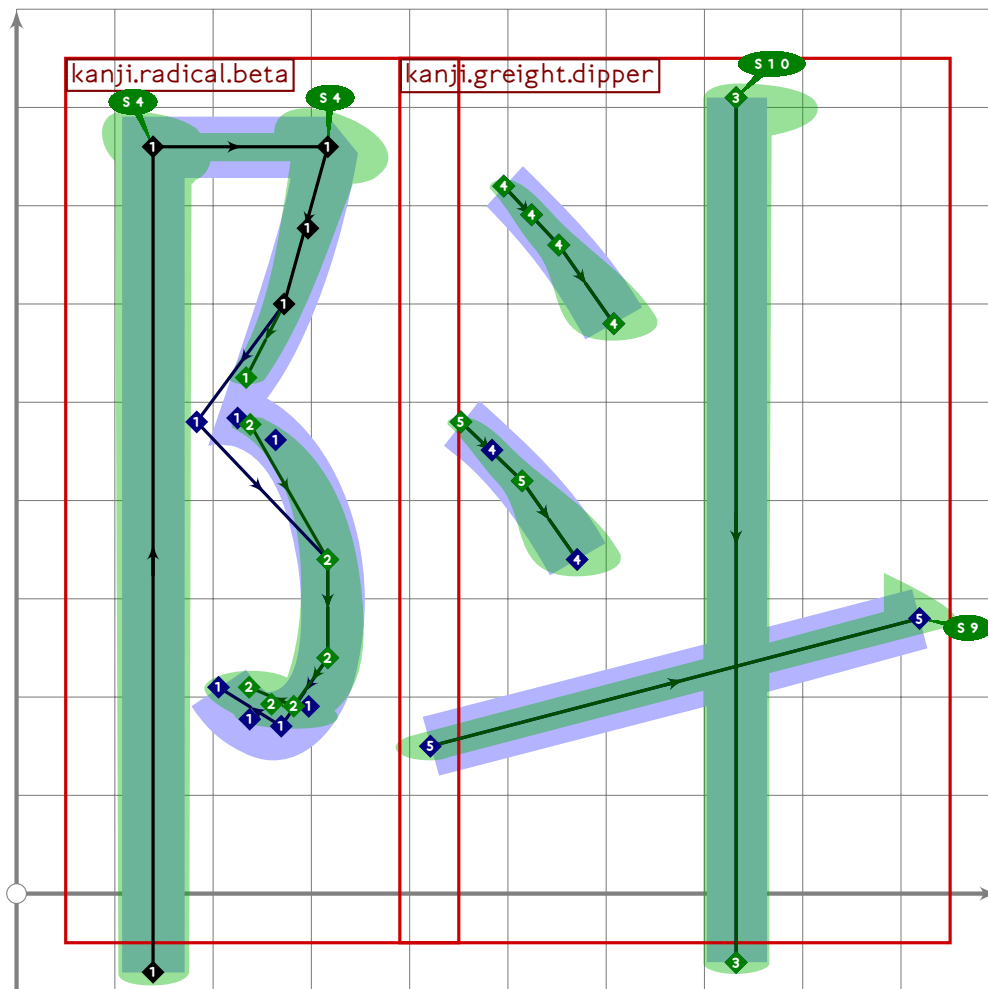
```



```

266 % extra
267 begintsuglyph("uni9626";38);
268   build_kanji.level(build_kanji.lr(420,60)
269     (kanji.radical.beta)
270     (kanji.grone.fire));
271   tsu_render;
272 endtsuglyph;
273

```



```

274 % extra
275 begintsuglyph("uni9627";39);
276   build_kanji.level(build_kanji.lr(420,60)
277     (kanji.radical.beta)
278     (kanji.greight.dipper));
279   tsu_render;
280 endtsuglyph;
281
282 % han/saka "heights"
283 begintsuglyph("uni962A";42);
284   kanji.grfour.heights;
285   tsu_render;
286 endtsuglyph;
287
288 % bou/fuse "defend"
289 begintsuglyph("uni9632";50);
290   kanji.grfive.defend;
291   tsu_render;
292 endtsuglyph;
293
294 % gen/kagi "limit"

```

[see page 4250]

[see page 4255]

```

295 begintsuglyph("uni9650";80); [see page 4256]
296   kanji.grfive.limit;
297   tsu__render;
298 endtsuglyph;
299
300 % in "institution" (often "house")
301 begintsuglyph("uni9662";98); [see page 4247]
302   kanji.grthree.institution;
303   tsu__render;
304 endtsuglyph;
305
306 % jo/nozoku "exclude"
307 begintsuglyph("uni9664";100); [see page 4259]
308   kanji.grsix.exclude;
309   tsu__render;
310 endtsuglyph;
311
312 % in/kage "yin"
313 begintsuglyph("uni9670";112); [see page 4261]
314   kanji.greight.yin;
315   tsu__render;
316 endtsuglyph;
317
318 % riku/oka "land"
319 begintsuglyph("uni9678";120); [see page 4252]
320   kanji.grfour.land;
321   tsu__render;
322 endtsuglyph;
323
324 % ken/kewa "precipitous"
325 begintsuglyph("uni967A";122); [see page 4258]
326   kanji.grfive.precipitous;
327   tsu__render;
328 endtsuglyph;
329
330 % you/hi "positive"
331 begintsuglyph("uni967D";125); [see page 4248]
332   kanji.grthree.positive;
333   tsu__render;
334 endtsuglyph;
335
336 % tai "squad"
337 begintsuglyph("uni968A";138); [see page 4253]
338   kanji.grfour.squad;
339   tsu__render;
340 endtsuglyph;
341
342 % kai/kizahashi "storey"

```

343 `begintsuglyph("uni968E",142);` [see page 4249]
 344 `kanji.grthree.storey;`
 345 `tsu__render;`
 346 `endtsuglyph;`
 347
 348 `% sai/kiwa "brink"`
 349 `begintsuglyph("uni969B",155);` [see page 4254]
 350 `kanji.grfive.brink;`
 351 `tsu__render;`
 352 `endtsuglyph;`
 353
 354 `% shou/sawa "hinder"`
 355 `begintsuglyph("uni969C",156);` [see page 4260]
 356 `kanji.grsix.hinder;`
 357 `tsu__render;`
 358 `endtsuglyph;`
 359
 360 `% sai/tori "old bird" radical`
 361 `begintsuglyph("uni96B9",185);` [see page 882]
 362 `kanji.radical.old_bird;`
 363 `tsu__render;`
 364 `endtsuglyph;`
 365
 366 `% koku/a "you are the wind beneath my wings"`
 367 `begintsuglyph("uni96BA",186);` [see page 901]
 368 `kanji.radical.yatwbmw;`
 369 `tsu__render;`
 370 `endtsuglyph;`
 371
 372 `% seki "counter for ships"`
 373 `begintsuglyph("uni96BB",187);` [see page 972]
 374 `kanji.greight.ship_counter;`
 375 `tsu__render;`
 376 `endtsuglyph;`
 377
 378 `% shuu/atsu "collect"`
 379 `begintsuglyph("uni96C6",198);` [see page 617]
 380 `kanji.grthree.collect;`
 381 `tsu__render;`
 382 `endtsuglyph;`
 383
 384 `% zatsu/maji "miscellaneous" (esp. "poetry not about the seasons or love")`
 385 `begintsuglyph("uni96D1",209);` [see page 4257]
 386 `kanji.grfive.miscellaneous;`
 387 `tsu__render;`
 388 `endtsuglyph;`
 389
 390 `% u/ame "rain"`

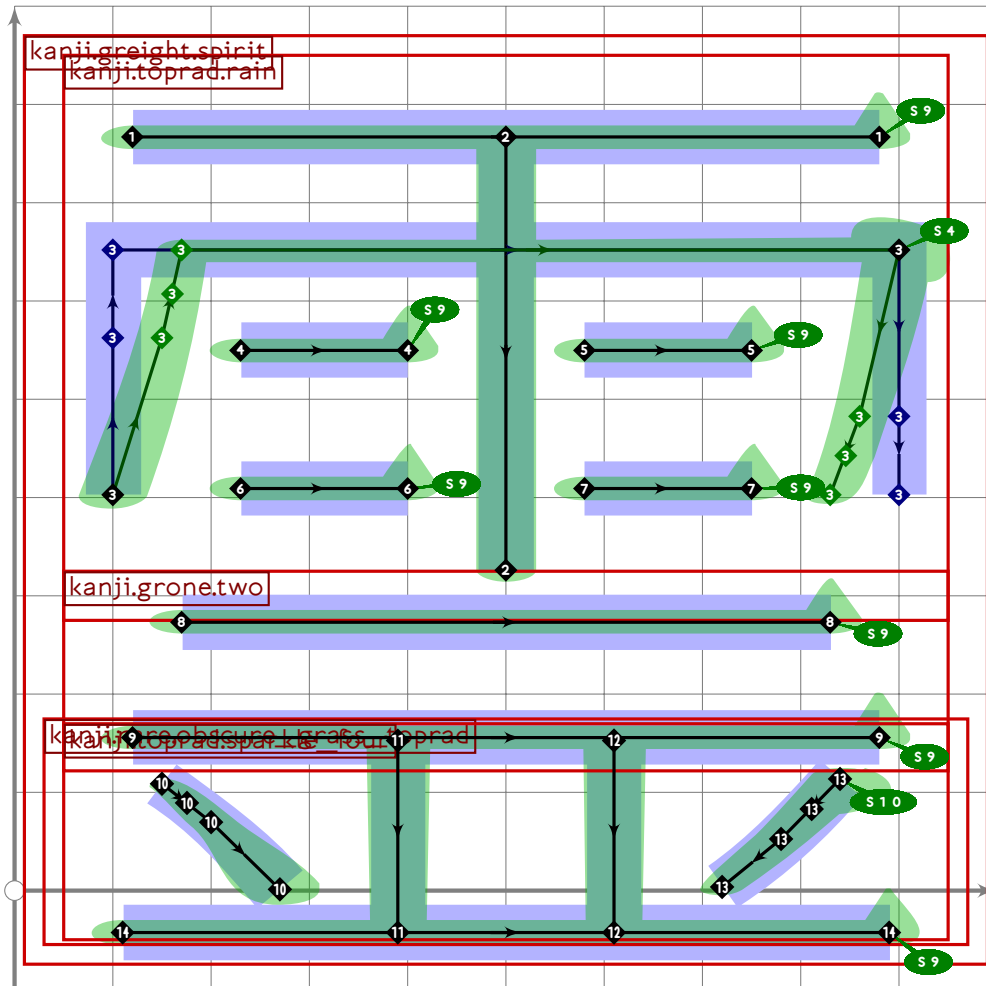
```

391 begintsuglyph("uni96E8";232); [see page 469]
392   kanji.grone.rain;
393   tsu_render;
394 endtsuglyph;
395
396 % satsu/yuki "snow"
397 begintsuglyph("uni96EA";234); [see page 574]
398   kanji.grtwo.snow;
399   tsu_render;
400 endtsuglyph;
401
402 % un/kumo "cloud"
403 begintsuglyph("uni96F2";242); [see page 504]
404   kanji.grtwo.cloud;
405   tsu_render;
406 endtsuglyph;
407
408 % den "electricity"
409 begintsuglyph("uni96FB";251); [see page 4246]
410   kanji.grtwo.electricity;
411   tsu_render;
412 endtsuglyph;
413
414 _____
415
416 endfont;
417
418 _____

```


tsuku-97.mp

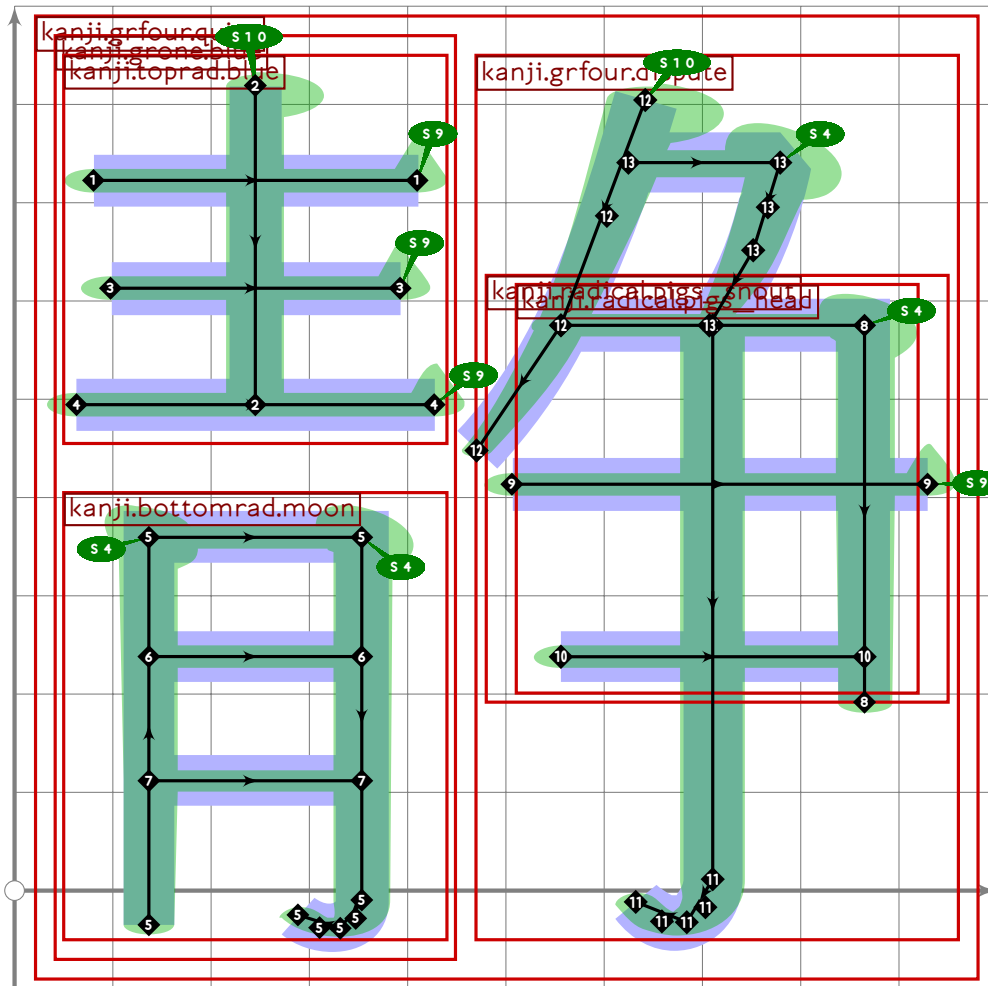
```
1 %
2 % Unicode page 97 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradeone.mp;
41 input gradethree.mp;
42 input radical.mp;
43 input rare.mp;
44 input toprad.mp;
45
46 do_late_includes;
47
48
```



```

49
50 vardef kanji.greight.spirit =
51   push_pbox_toexpand("kanji.greight.spirit");
52   build_kanji.level(build_kanji.tb(300,50)
53     (kanji.toprad.rain)
54     (build_kanji.tb(420,115)
55       (kanji.grone.two)
56       (kanji.rare.obscure.grass_toprad;
57         set_boserif(-3,0,whatever);
58         set_boserif(-2,0,whatever))));
59   expand_pbox;
60 enddef;
61
62

```



```

63
64 vardef kanji.grfour.quiet =
65   push_pbox_toexpand("kanji.grfour.quiet");
66   build_kanji.lr(460,40)
67     (kanji.grone.blue)
68     (kanji.grfour.dispute);
69   expand_pbox;
70 enddef;
71
72
73
74 % rei/tama "spirit"
75 begintsuglyph("uni970A";10);
76   kanji.greight.spirit;
77   tsu_render;
78 endtsuglyph;
79
80 % ao "blue"
81 begintsuglyph("uni9752";82);
82   kanji.grone.blue;
83   tsu_render;

```

[see page 4274]

[see page 425]

```

84 endtsuglyph;
85
86 % sei/shizu "quiet"
87 begintsuglyph("uni9759";89); [see page 4275]
88   kanji.grfour.quiet;
89   tsu_render;
90 endtsuglyph;
91
92 % hi/ara "mistake"
93 begintsuglyph("uni975E";94); [see page 790]
94   kanji.grfive.mistake;
95   tsu_render;
96 endtsuglyph;
97
98 % men/omo "face"
99 begintsuglyph("uni9762";98); [see page 629]
100   kanji.grthree.face;
101   tsu_render;
102 endtsuglyph;
103
104 % i/somu "tanned leather radical"
105 begintsuglyph("uni97CB";203); [see page 891]
106   kanji.radical.tanned_leather;
107   tsu_render;
108 endtsuglyph;
109
110 % oto/on "noise"
111 begintsuglyph("uni97F3";243); [see page 462]
112   kanji.grone.noise;
113   tsu_render;
114 endtsuglyph;
115
116 _____
117
118 endfont;
119
120 _____

```

tsuku-98.mp

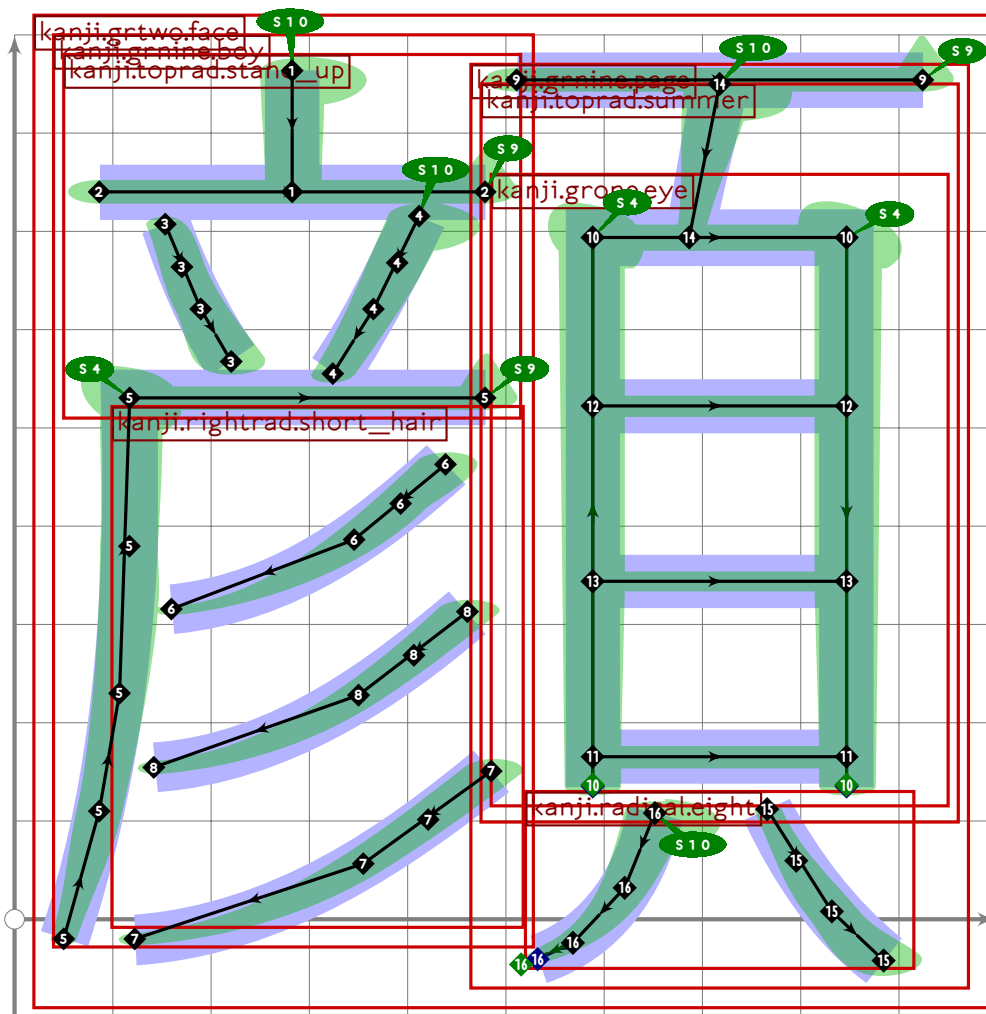
```
1 %
2 % Unicode page 98 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2014, 2016, 2019 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradefive.mp;
41 input gradefour.mp;
42 input gradenine.mp;
43 input gradeone.mp;
44 input gradesix.mp;
45 input gradethree.mp;
46 input gradetwo.mp;
47 input leftrad.mp;
48 input radical.mp;
49 input rare.mp;
50 input rightrad.mp;
51 input toprad.mp;
52
53 do_late_includes;
54
55 

---

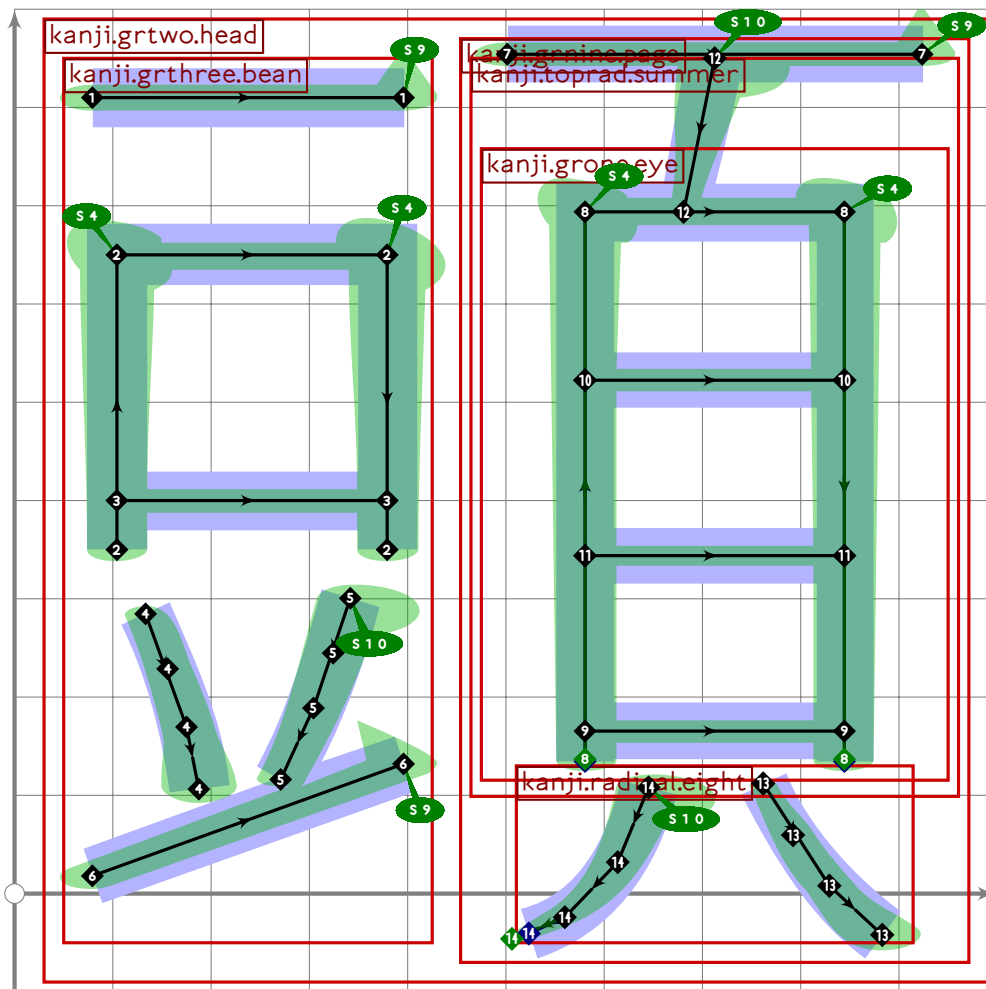

```



```

56
57 vardef kanji.grtwo.face =
58   push_pbox_toexpand("kanji.grtwo.face");
59   build_kanji.level(build_kanji.lr(500,30)
60     (build_kanji.sscale(shifted (0,30))(kanji.grnine.boy))
61     (kanji.grnine.page));
62   expand_pbox;
63 enddef;

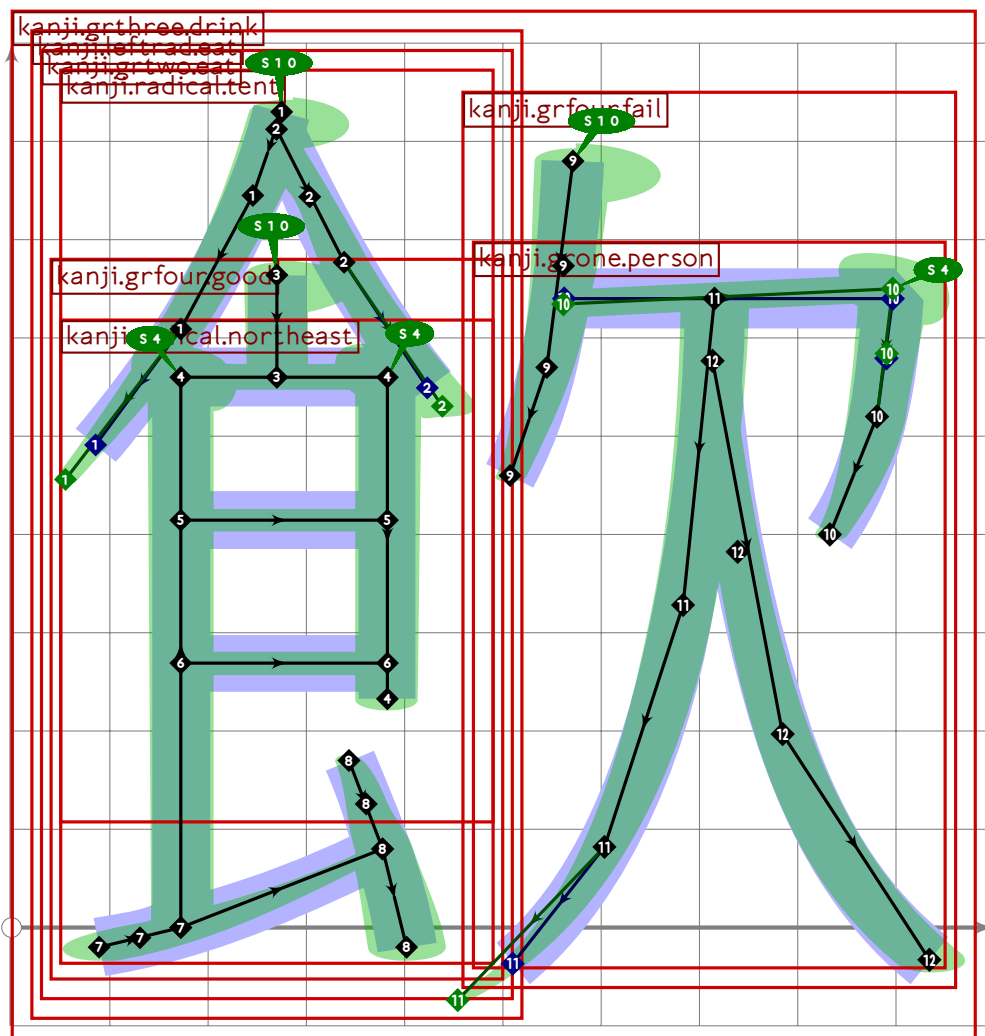
```



```

64
65 vardef kanji.grtwo.head =
66   push_pbox_toexpand("kanji.grtwo.head");
67   build_kanji.lr(450-50)
68   (build_kanji.lift_skirt(320,150)(kanji.grthree.beam))
69   (kanji.grnine.page);
70   expand_pbox;
71 enddef;
72
73

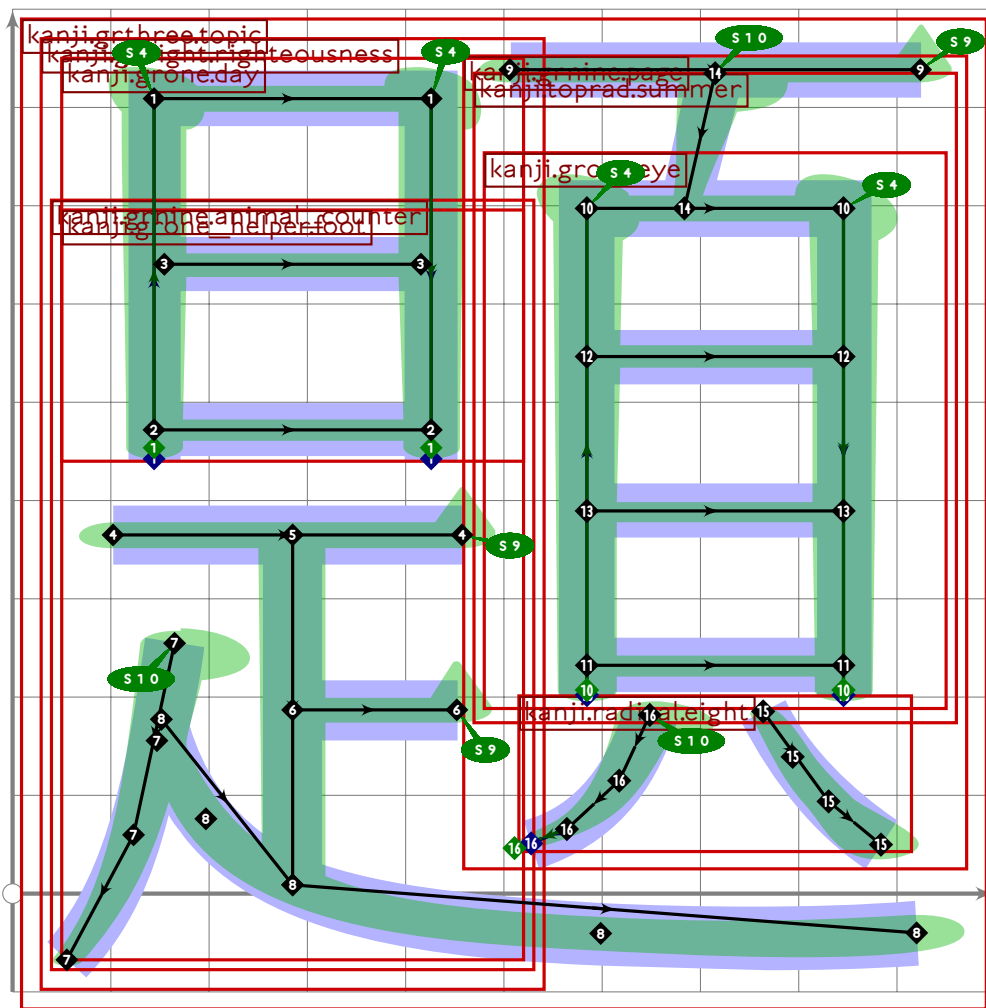
```



```

74
75 vardef kanji.grthree.drink =
76   push_pbox_toexpand("kanji.grthree.drink");
77   build_kanji.lr(480,20)
78     (kanji.leftrad.eat)
79     (kanji.grfour.fail);
80   expand_pbox;
81 enddef;

```

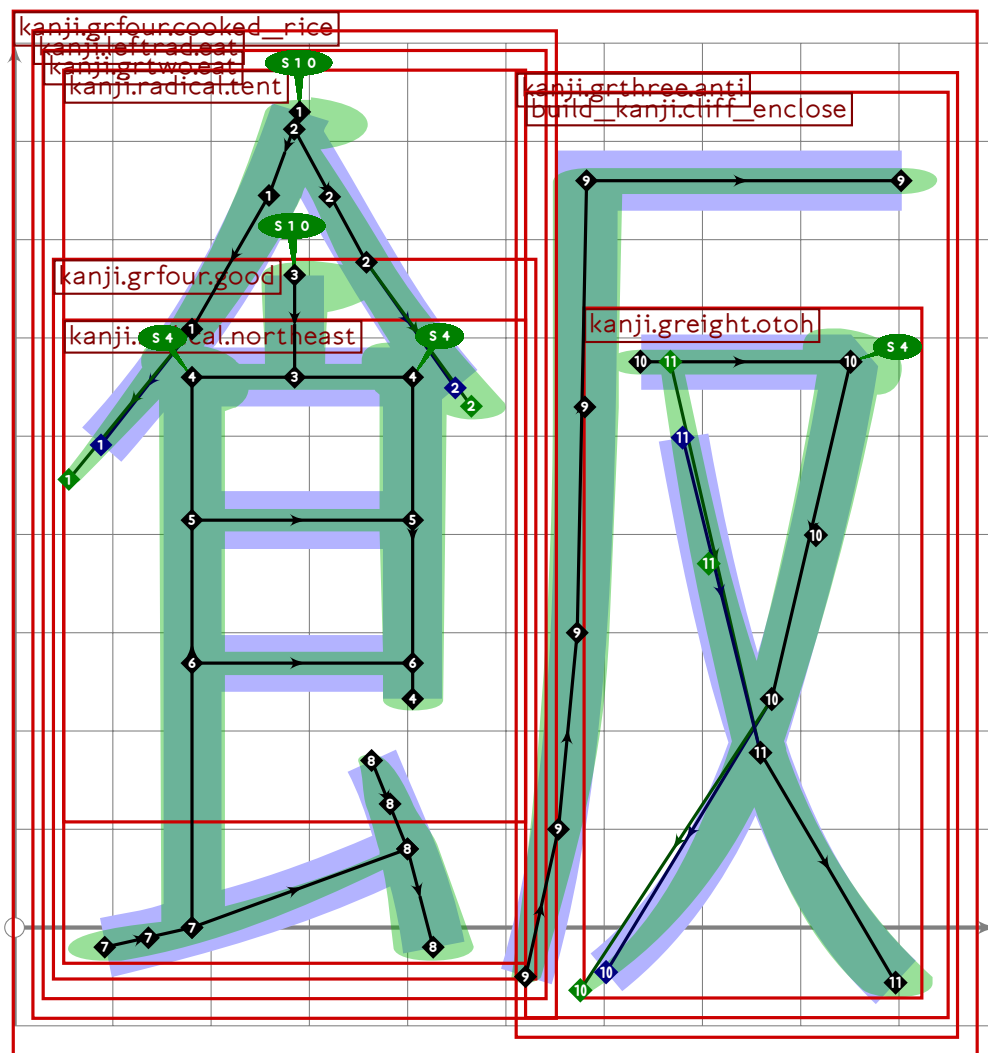



```

82
83 vardef kanji.grthree.topic =
84   push_pbox_toexpand("kanji.grthree.topic");
85   build_kanji.lr(500,40)
86     (kanji.greight.righteousness)
87     (build_kanji.sscale(yscaled 0.88 shifted (0,40))
88       (kanji.grnine.page));
89   replace_strokep(-8)((point 0 of oldp)..(point 1 of oldp)..
90     tension 1.5..{curl 0.2}{920;40));
91   expand_pbox;
92 enddef;
93
94

```

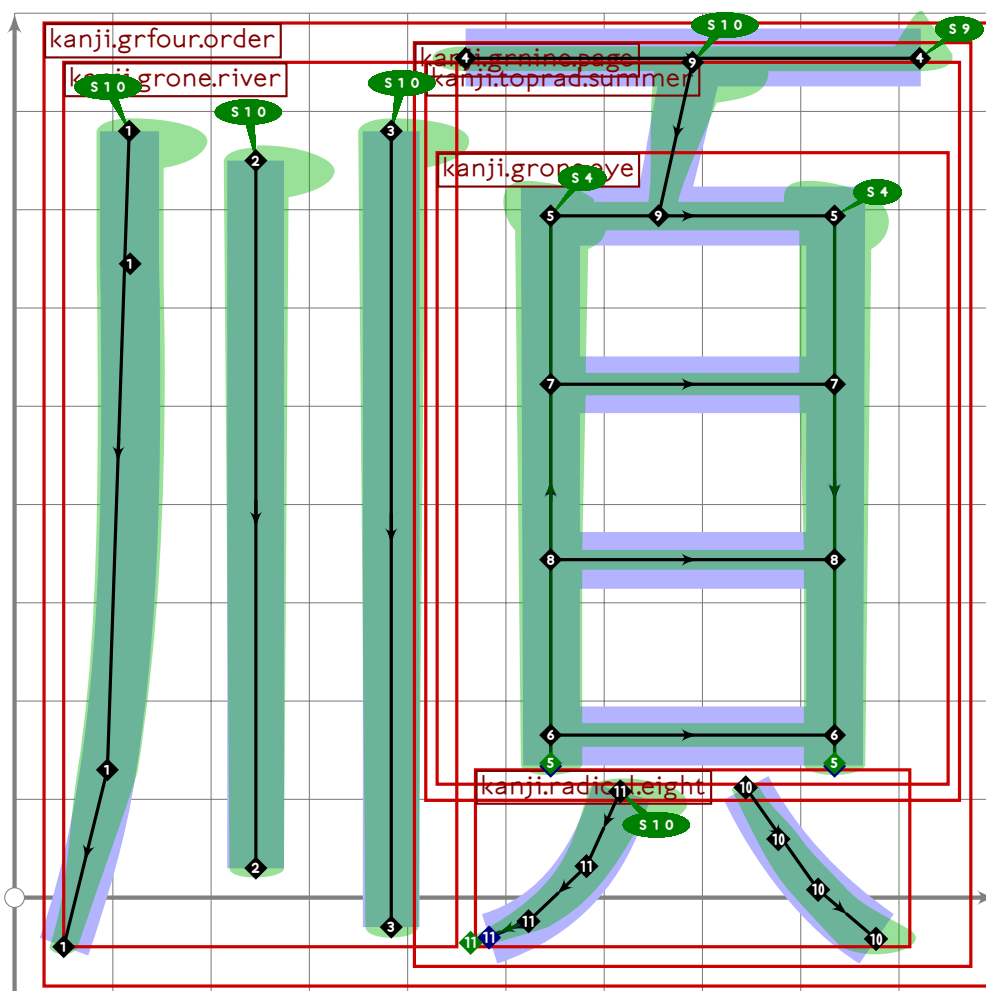
U+98EF
tsuku.uni98EF



```

95
96 vardef kanji.grfour.cooked_rice =
97   push_pbox_toexpand("kanji.grfour.cooked_rice");
98   build_kanji.lr(520,0)
99   (kanji.leftrad.eat)
100   (kanji.grthree.anti);
101   expand_pbox;
102 enddef;

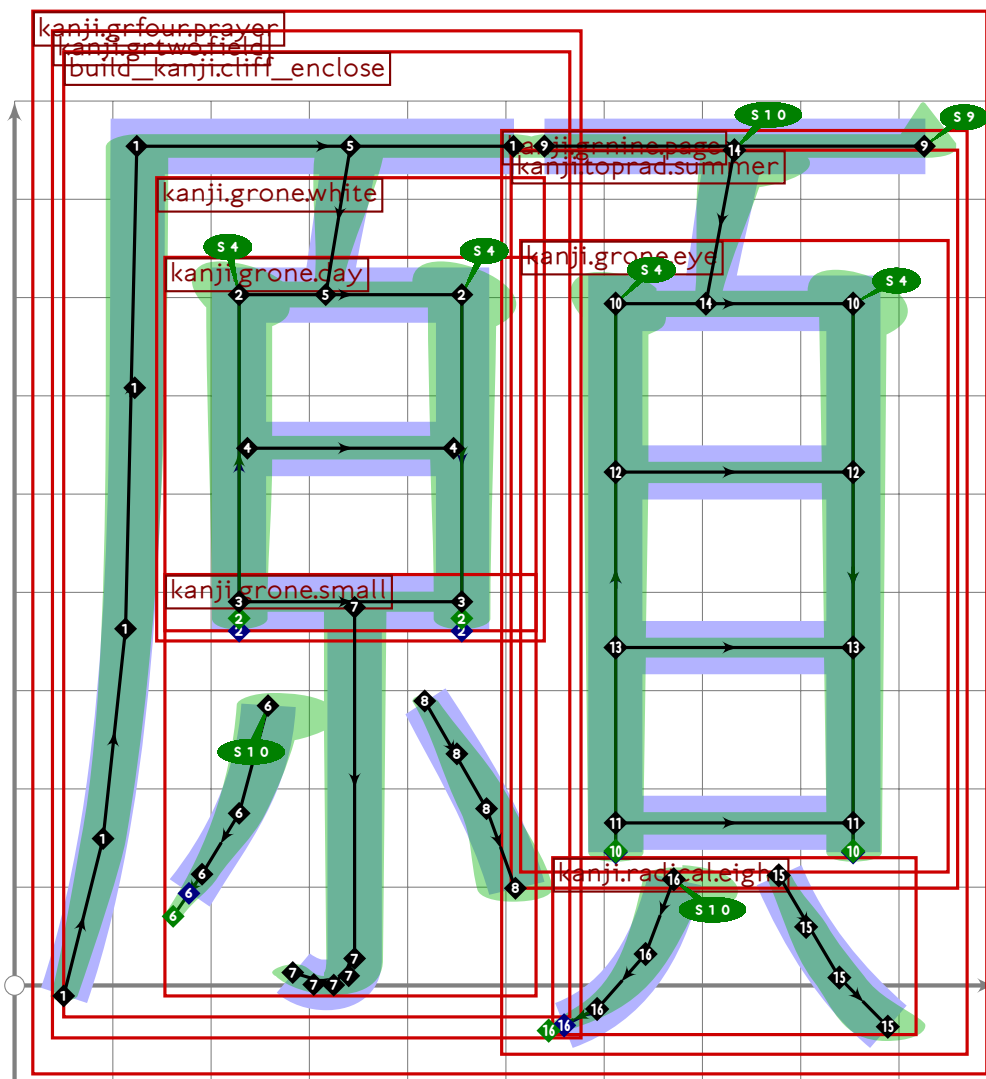
```



```

103
104 vardef kanji.grfour.order =
105   push_pbox_toexpand("kanji.grfour.order");
106   build_kanji.level(build_kanji.lr(440,20)
107     (kanji.grone.river)
108     (kanji.grnine.page));
109   expand_pbox;
110 enddef;

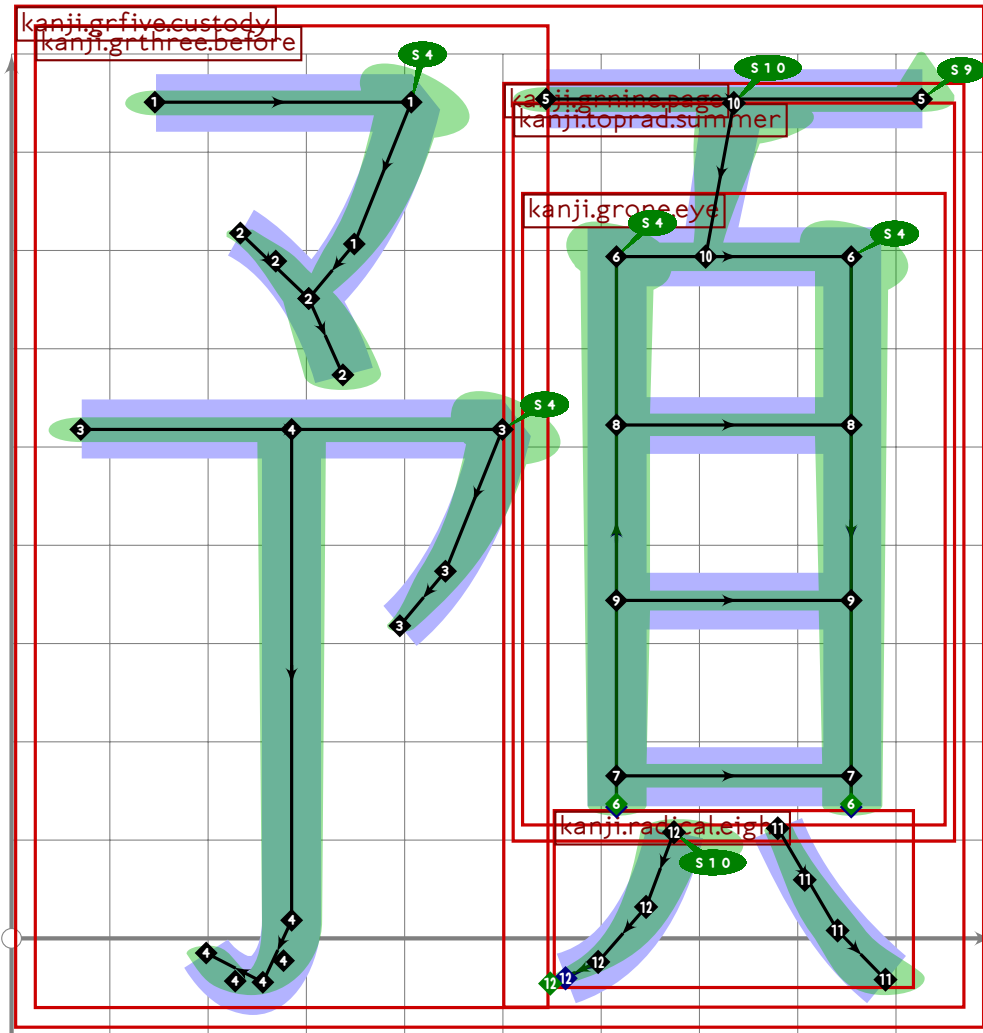
```



```

111
112 vardef kanji.grfour.prayer =
113   push_pbox_toexpand("kanji.grfour.prayer");
114   build_kanji.level(build_kanji.lr(540,50)
115     (tsu_xform(identity shifted (0,40) yscaled (854/800))
116       (kanji.grtwo.field))
117     (kanji.grnine.page));
118   expand_pbox;
119 enddef;
120
121

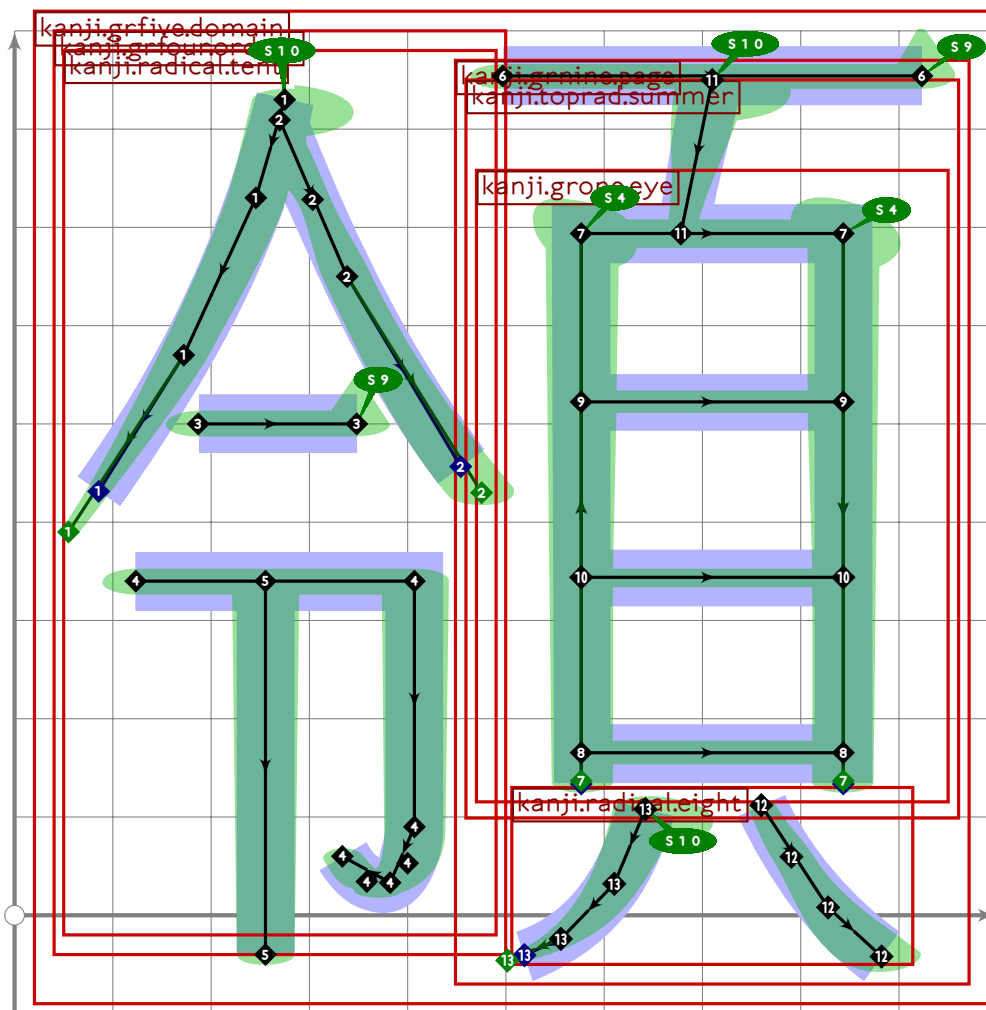
```



```

122
123 vardef kanji.grfive.custody =
124   push_pbox_toexpand("kanji.grfive.custody");
125   build_kanji.level(build_kanji.lr(520,0)
126     (build_kanji.sscale(scaled 1.11 shifted (0,28))(kanji.grthree.before))
127     (kanji.grnine.page));
128   expand_pbox;
129 enddef;

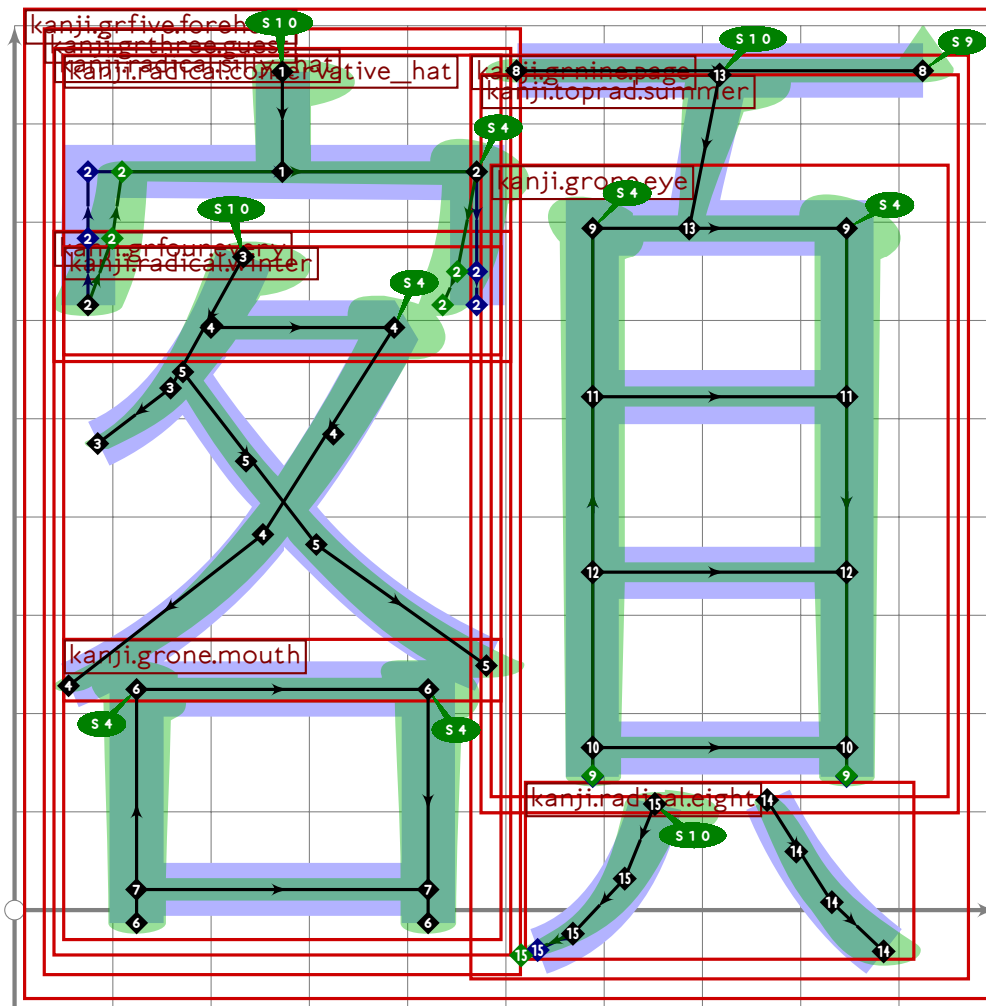
```



```

130
131 vardef kanji.grfive.domain =
132   push_pbox_toexpand("kanji.grfive.domain");
133   build_kanji.level(build_kanji.lr(480,20)
134     (build_kanji.sscale(shifted (0,30))(kanji.grfour.orders))
135     (kanji.grnine.page));
136   expand_pbox;
137 enddef;

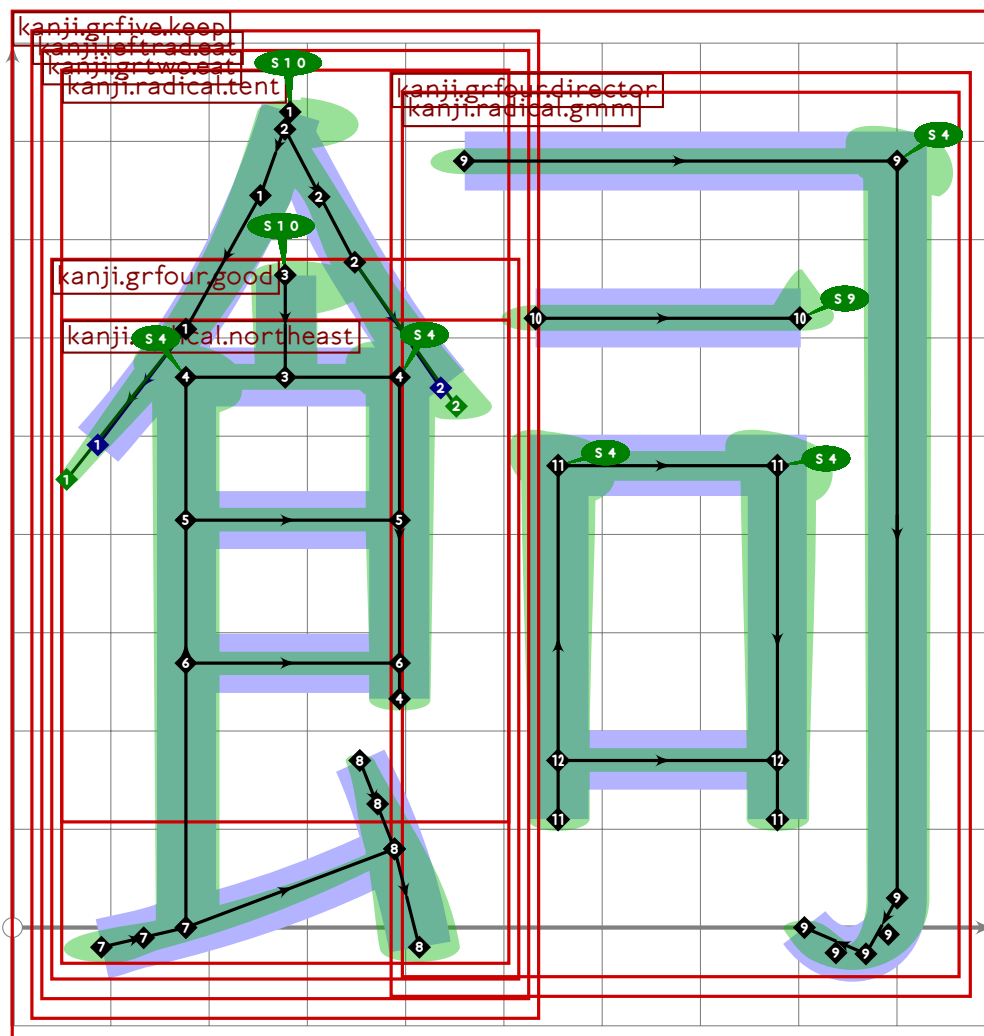
```



```

138
139 vardef kanji.grfive.forehead =
140   push_pbox_toexpand("kanji.grfive.forehead");
141   build_kanji.level(build_kanji.lr(490,10)
142     (build_kanji.sscale(shifted (0,20))(kanji.grthree.guest))
143     (kanji.grnine.page));
144   expand_pbox;
145 enddef;

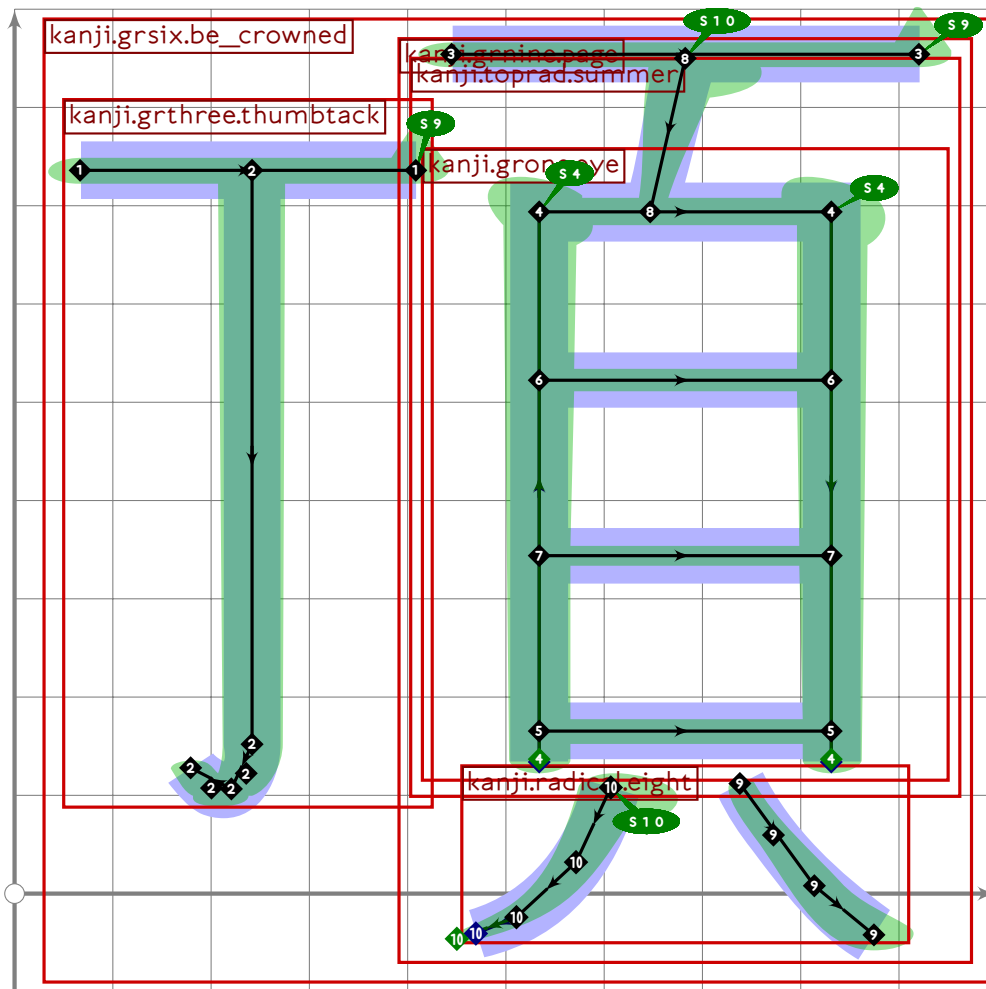
```



```

146
147 vardef kanji.grfive.keep =
148   push_pbox_toexpand("kanji.grfive.keep");
149   build_kanji.level(build_kanji.lr(470,70)
150     (kanji.leftrad.eat)
151     (kanji.grfour.director));
152   expand_pbox;
153 enddef;
154
155

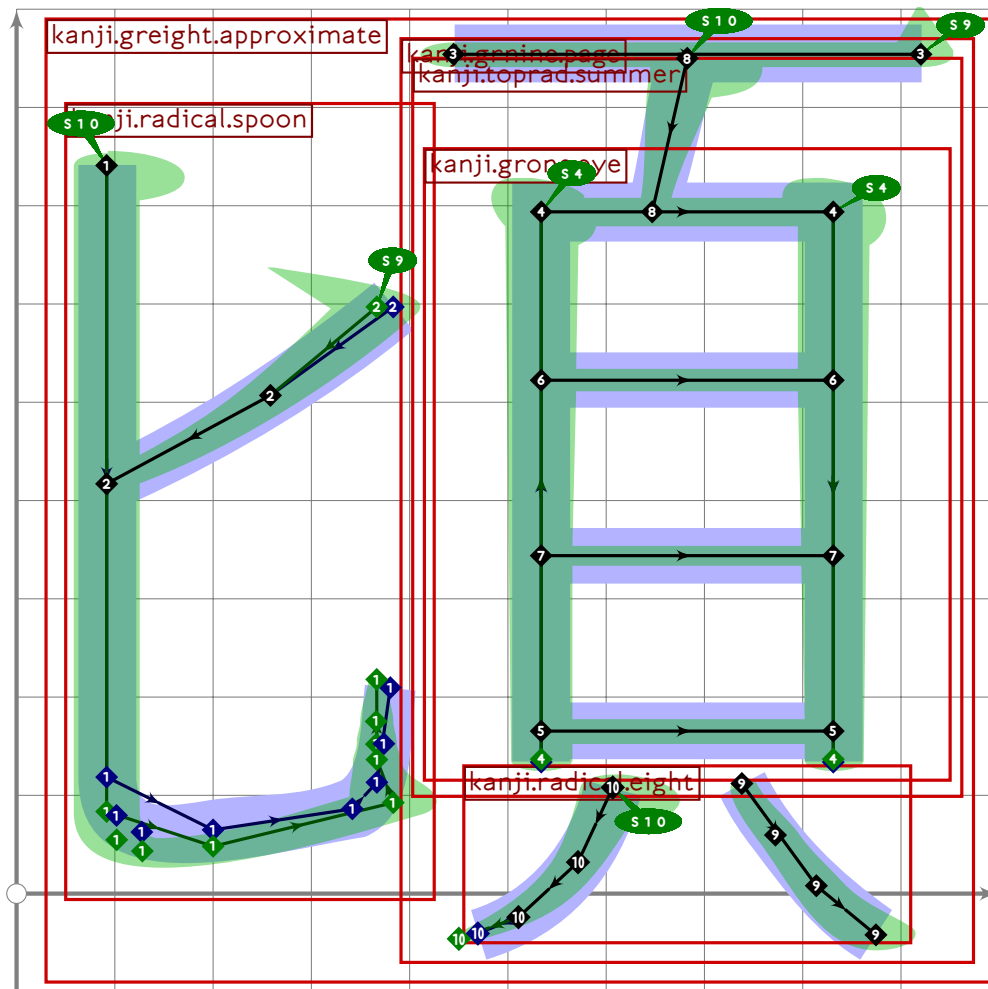
```

```

156
157 vardef kanji.grsix.be_crowned =
158   push_pbox_toexpand("kanji.grsix.be_crowned");
159   build_kanji.level(build_kanji.lr(420,10)
160     (build_kanji.sscale(yscaled 0.8 shifted (0,50))
161       (kanji.grthree.thumbtack))
162     (kanji.grnine.page));
163   expand_pbox;
164 enddef;
165
166

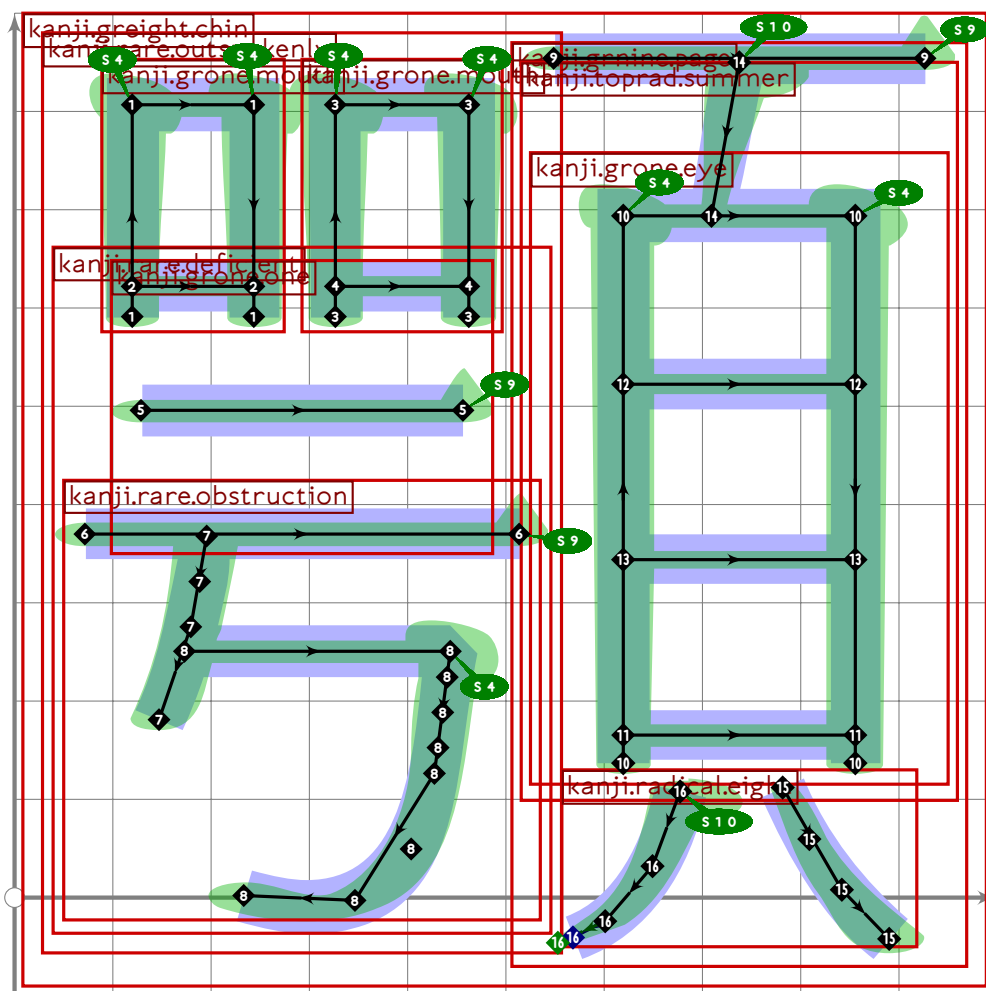
```



```

167
168 vardef kanji.greight.approximate =
169   push_pbox_toexpand("kanji.greight.approximate");
170   build_kanji.level(build_kanji.lr(420,10)
171     (build_kanji.sscale(yscaled 0.9)(build_kanji.lift_skirt(400,70)
172       (kanji.radical.spoon)))
173     (kanji.grnine.page));
174   expand_pbox;
175 enddef;

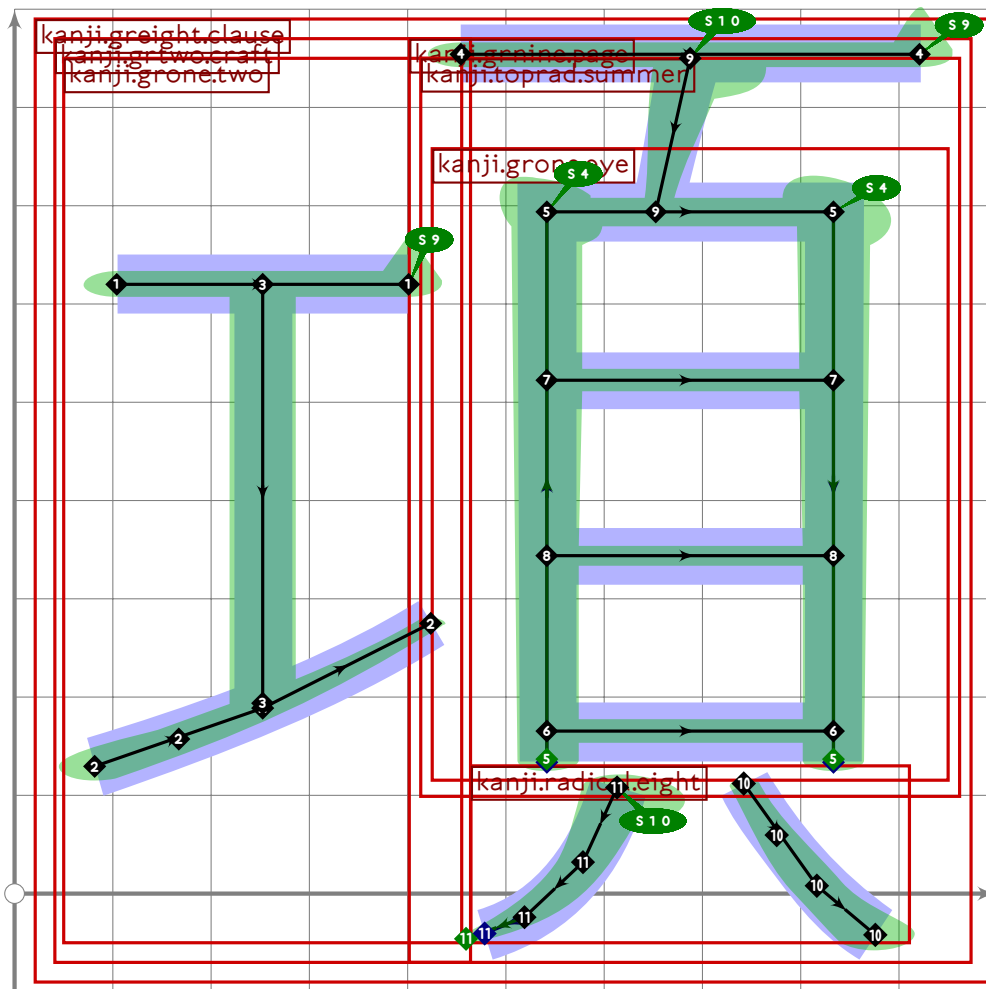
```



```

176
177 vardef kanji.greight.chin =
178   push_pbox_toexpand("kanji.greight.chin");
179   build_kanji.level(build_kanji.lr(530,10)
180     (build_kanji.sscale(shifted (0,30))(kanji.rare.outspokenly))
181     (kanji.grnine.page));
182   expand_pbox;
183 enddef;

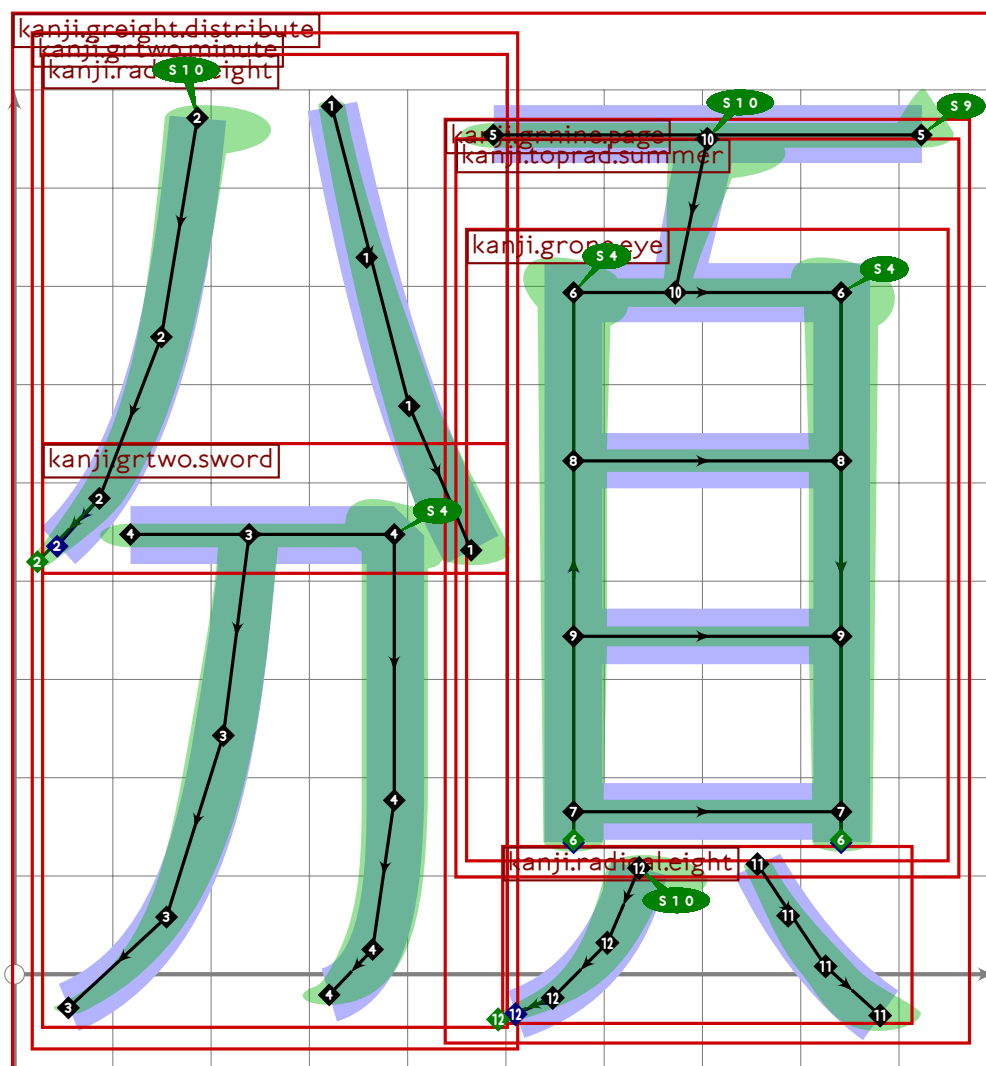
```



```

184
185 vardef kanji.greight.clause =
186   push_pbox_toexpand("kanji.greight.clause");
187   build_kanji.level(build_kanji.lr(440,30)
188     (build_kanji.lift_skirt(400,250)(kanji.grtwo.craft))
189     (kanji.grnine.page));
190   expand_pbox;
191 enddef;

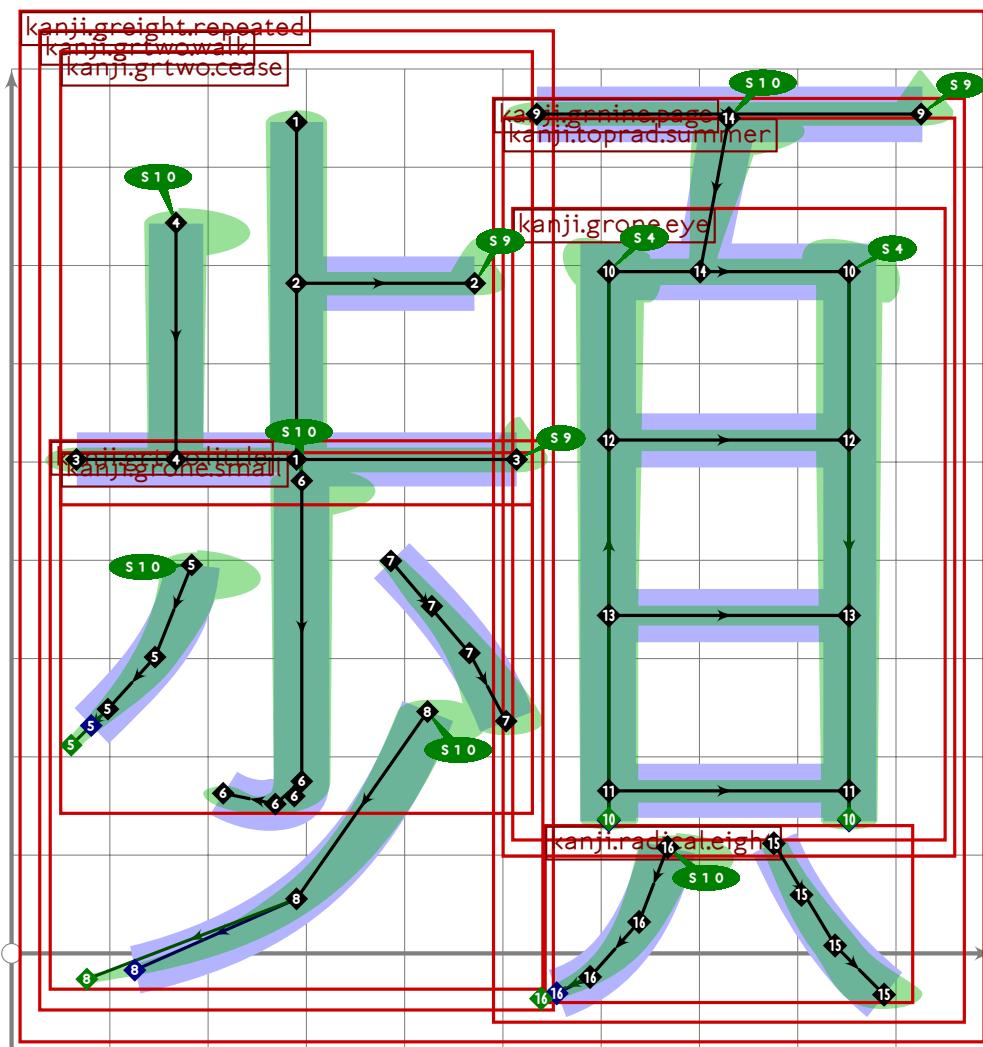
```



```

192
193 vardef kanji.greight.distribute =
194   push_pbox_toexpand("kanji.greight.distribute");
195   build_kanji.level(build_kanji.lr(470,20)
196     (build_kanji.sscale(scaled 1.1 shifted (0,40))(kanji.grtwo.minute))
197     (kanji.grnine.page));
198   expand_pbox;
199 enddef;

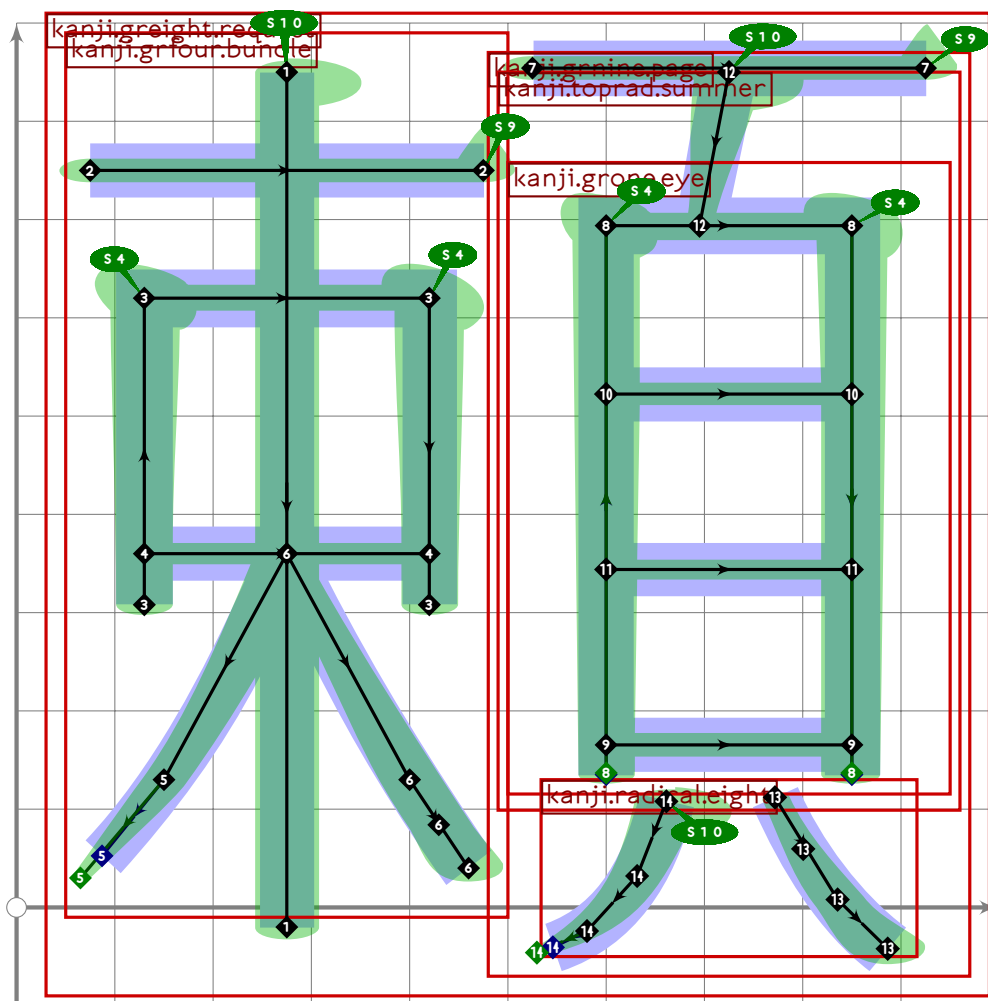
```



```

200
201 vardef kanji.greight.repeated =
202   push_pbox_toexpand("kanji.greight.repeated");
203   build_kanji.level(build_kanji.lr(520,20)
204     (build_kanji.sscale(yscaled 1.06 shifted (0,40))(kanji.grtwowalk))
205     (kanji.grnine.page));
206   expand_pbox;
207 enddef;

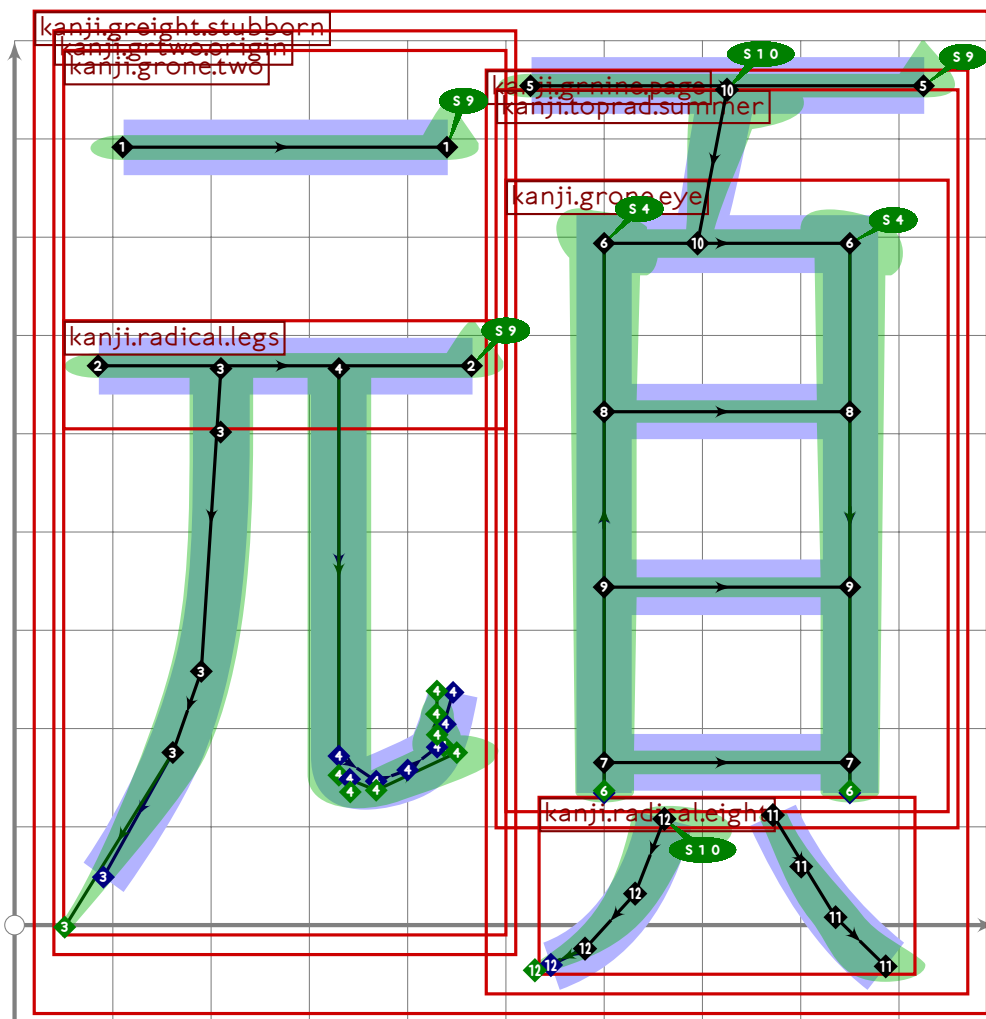
```



```

208
209 vardef kanji.greight.request =
210   push_pbox_toexpand("kanji.greight.request");
211   build_kanji.level(build_kanji.lr(500,0)
212     (build_kanji.sscale(shifted (0,40))(kanji.grfour.bundle))
213     (kanji.grnine.page));
214   expand_pbox;
215 enddef;

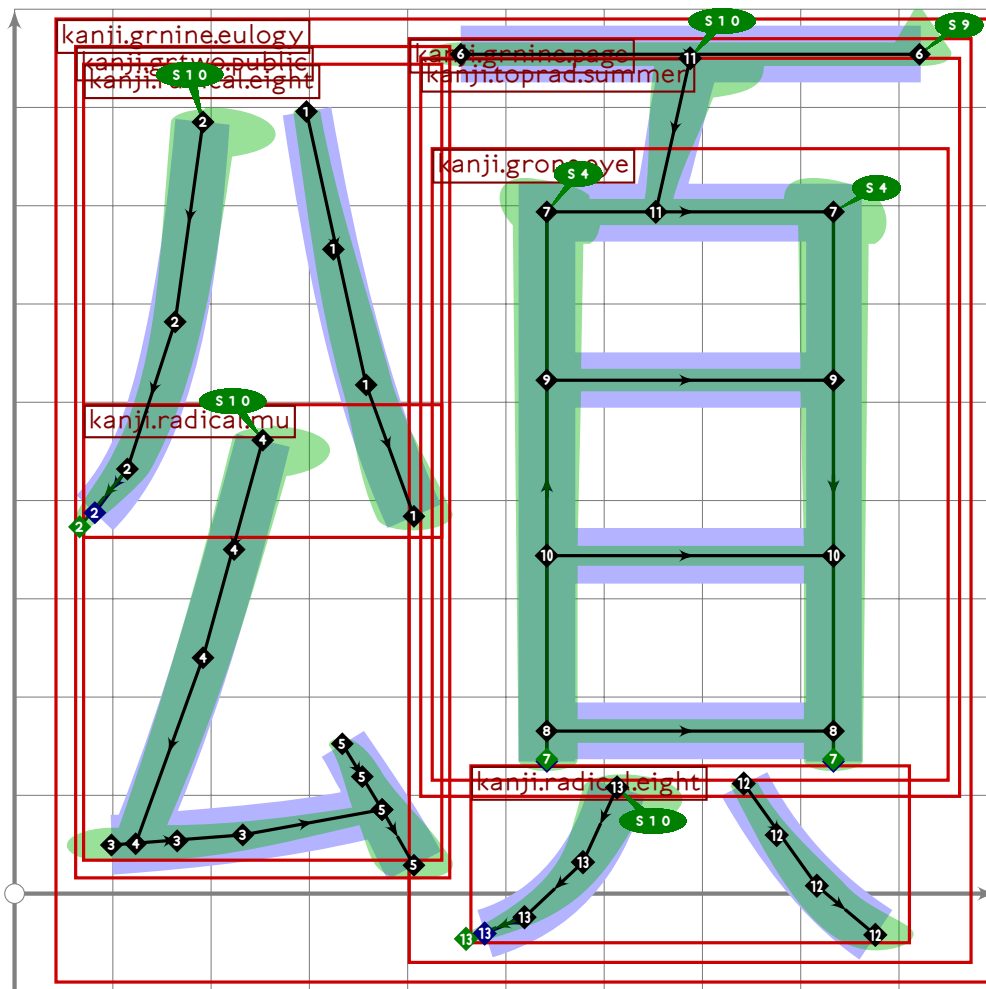
```



```

216
217 vardef kanji.greight.stubborn =
218   push_pbox__toexpand("kanji.greight.stubborn");
219   build_kanji.level(build_kanji.lr(500,0)
220     (build_kanji.sscale(shifted (0,40))
221       (build_kanji.lift_skirt(350,170)(kanji.grtwo.origin)))
222     (kanji.grnine.page));
223   expand_pbox;
224 enddef;
225
226

```

```

227
228 vardef kanji.grnine.eulogy =
229   push_pbox_toexpand("kanji.grnine.eulogy");
230   build_kanji.level(build_kanji.lr(440,30)
231     (build_kanji.sscale(scaled 0.9 shifted (0,40))(kanji.grtwo.public))
232     (kanji.grnine.page));
233   expand_pbox;
234 enddef;
235
236
237
238 % ketsu/peeji "page"
239 begintsuglyph("uni9801";1);
240 kanji.grnine.page;
241 tsu_render;
242 endtsuglyph;
243
244 % chou/itadaki "be crowned"
245 begintsuglyph("uni9802";2);
246 kanji.grsix.be_crowned;
247 tsu_render;

```

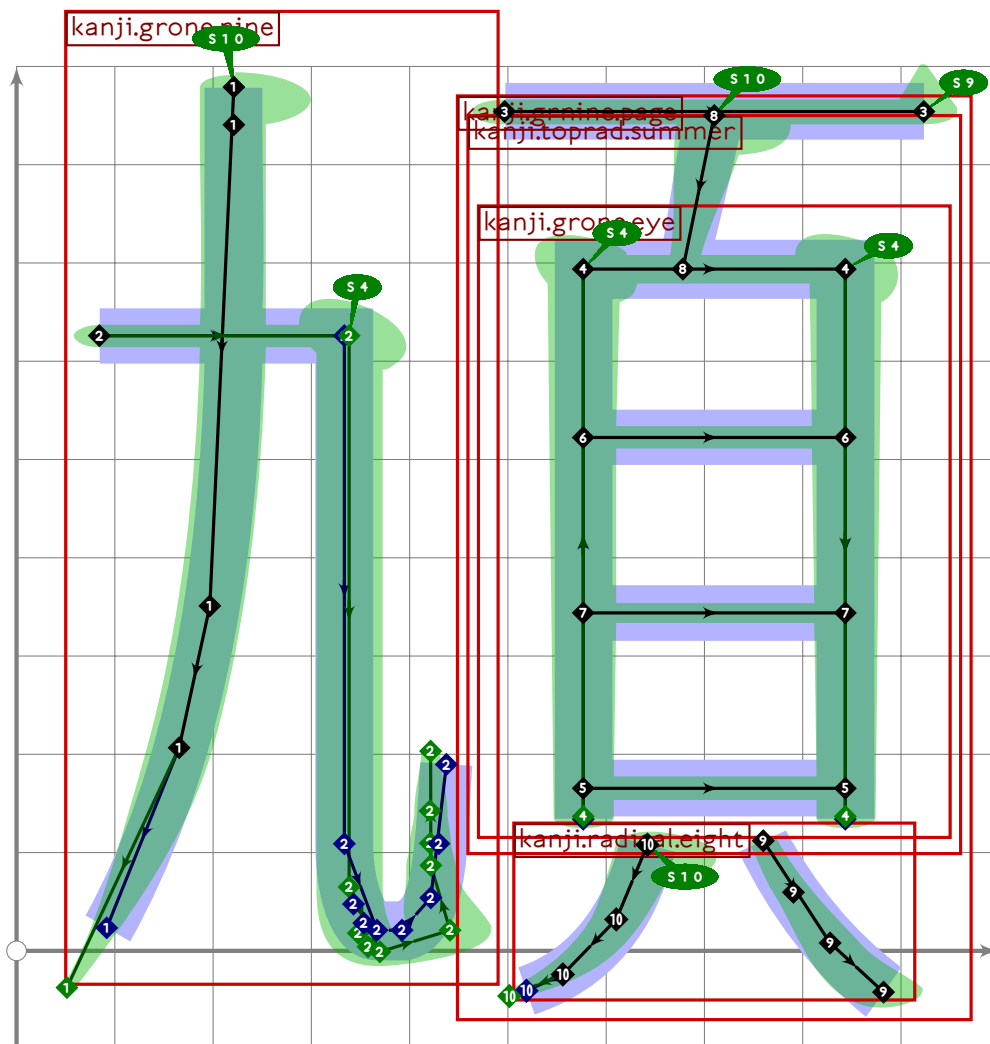
[see page 1015]

[see page 4289]

U+9804
tsuku.uni9804

```
248 endtsuglyph;  
249  
250 % kei/koro "approximate"  
251 begintsuglyph("uni9803";3);  
252 kanji.greight.approximate;  
253 tsu_render;  
254 endtsuglyph;  
255
```

[see page 4290]



```
256 % extra  
257 begintsuglyph("uni9804";4);  
258 build_kanji.level(build_kanji.lr(480,20)  
259 (build_kanji.sscale(yscaled 1.1 shifted (0,60))(kanji.grone.nine))  
260 (kanji.grnine.page));  
261 tsu_render;  
262 endtsuglyph;  
263  
264 % kou/unaji "clause"  
265 begintsuglyph("uni9805";5);  
266 kanji.greight.clause;  
267 tsu_render;
```

[see page 4292]

[see page 4283]

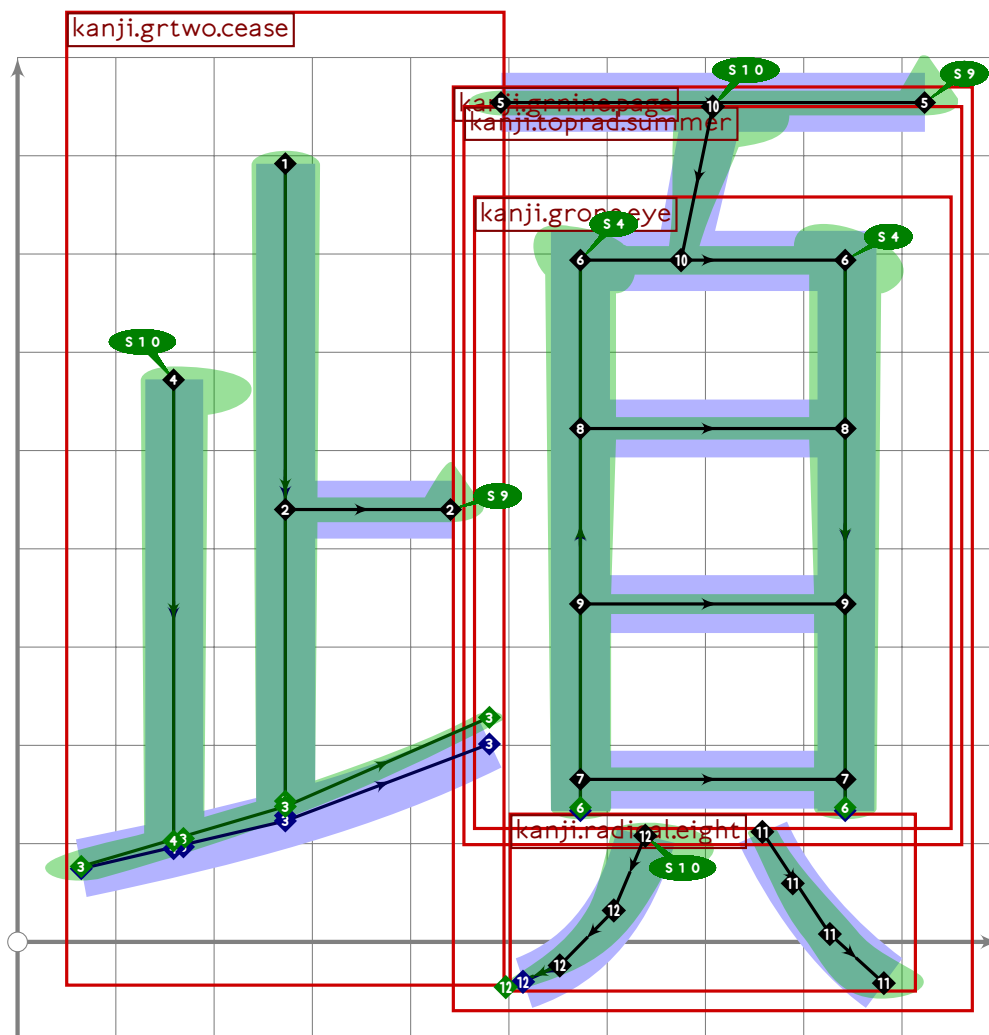


[see page 958]

U+9809
tsuku.uni9809

288 endtsuglyph;

289



290 % extra

291 begint Suglyph('uni9809',9);

292 build_kanji.level(build_kanji.lr(480,30)

293 (build_kanji.sscale(yscaled 1.1 shifted (0,50))

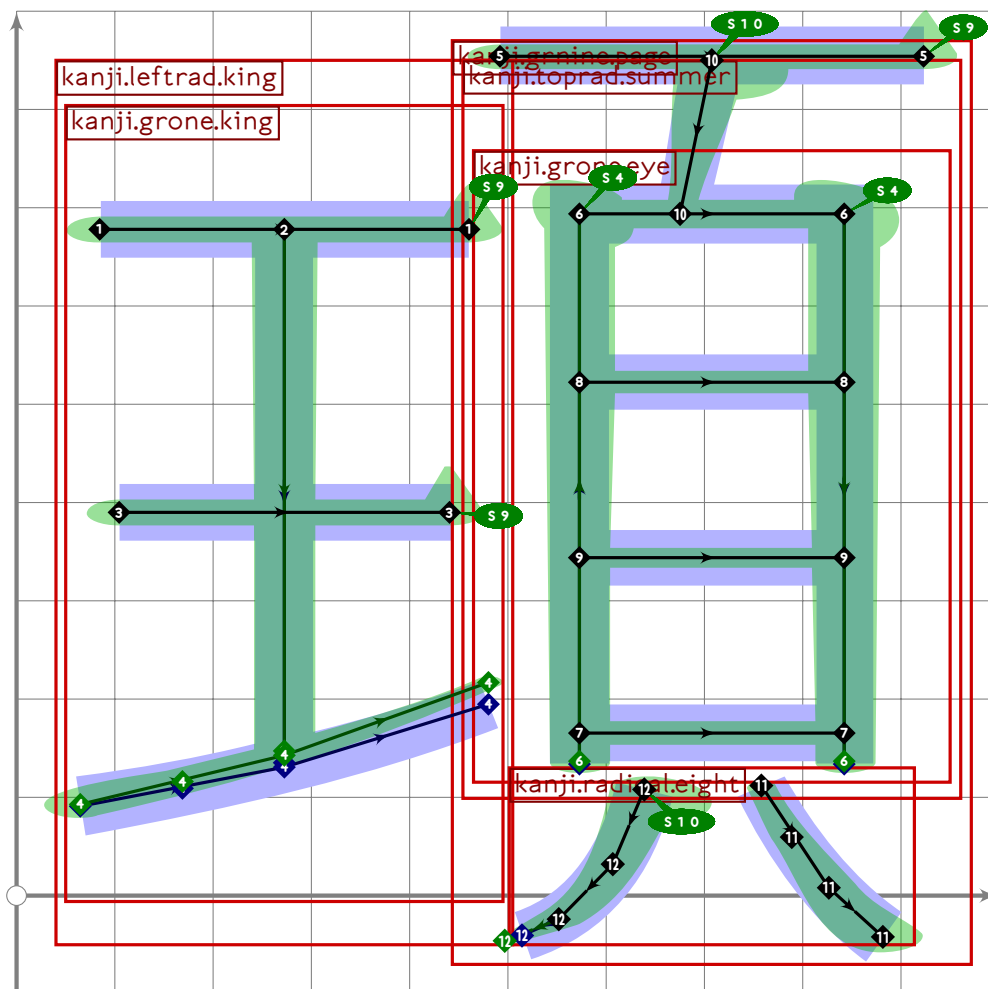
294 (build_kanji.lift_skirt(370,150+30*mincho)(kanji.grtwo.cease)))

295 (kanji.grnine.page));

296 tsu_render;

297 endtsuglyph;

298



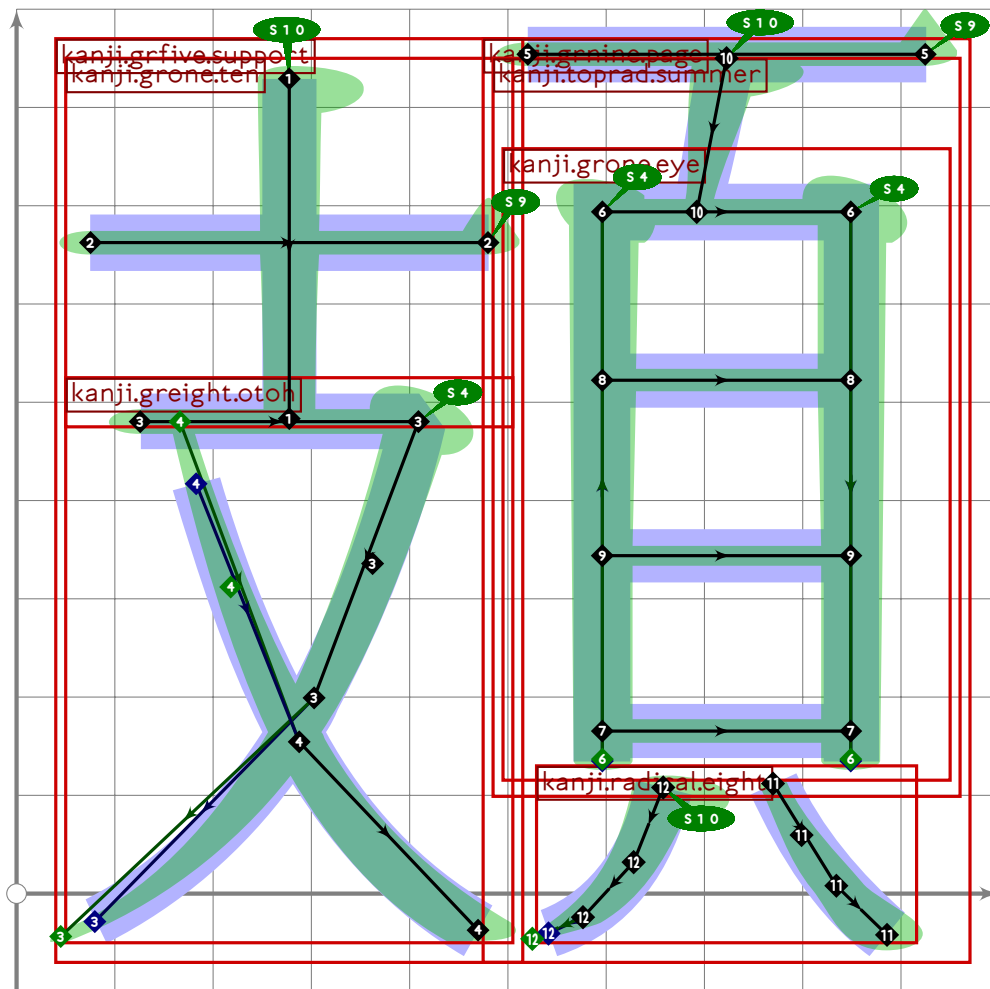
```

299 % extra
300 begintsuglyph("uni980A",10);
301   build_kanji.level(build_kanji.lr(480,30)
302     (kanji.leftrad.king)
303     (kanji.grnine.page));
304   tsu_render;
305 endtsuglyph;
306
307 % shou/katachi "eulogy"
308 begintsuglyph("uni980C",12);
309   kanji.grnine.eulogy;
310   tsu_render;
311 endtsuglyph;
312

```

[see page 4297]

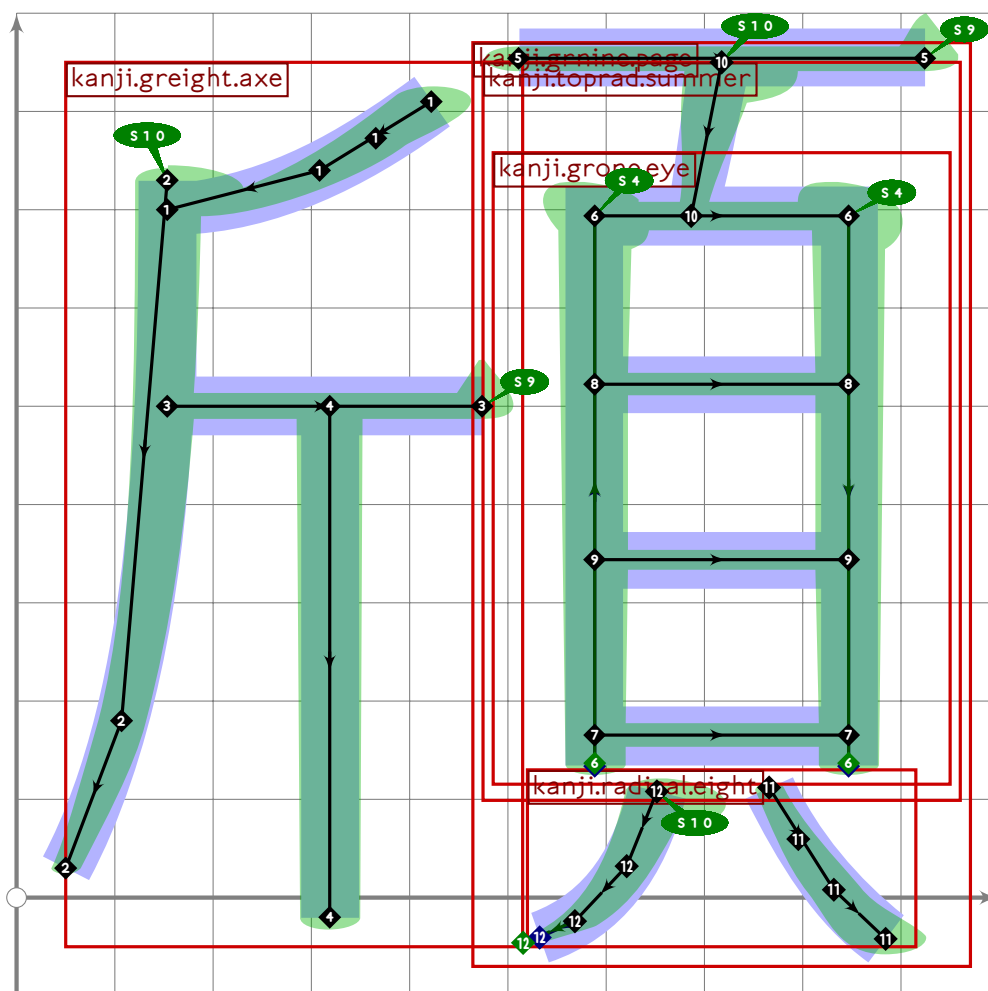
U+980D
tsuku.uni980D



```

313 % extra
314 begintsuglyph("uni980D";13);
315   build_kanji.level(build_kanji.lr(500,10)
316     (kanji.grfive.support)
317     (kanji.grnine.page));
318   tsu_render;
319 endtsuglyph;
320

```

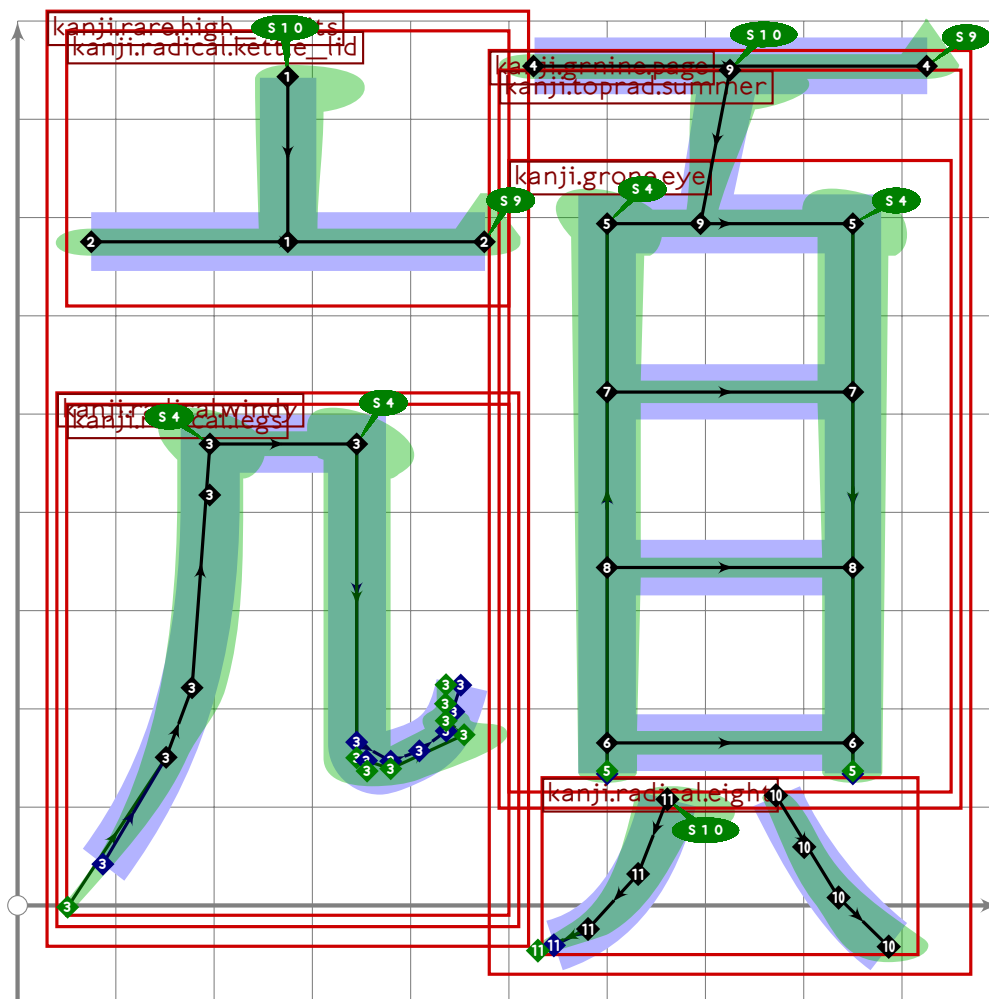


```

321 % extra
322 begintsuglyph("uni980E",14);
323   build_kanji.level(build_kanji.lr(500,30)
324     (kanji.greight.axe)
325     (kanji.grnine.page));
326   tsu_render;
327 endtsuglyph;
328

```

U+980F
tsuku.uni980F



```

329 % extra
330 begintsuglyph("uni980F";15);
331   build_kanji.level(build_kanji.lr(500,0)
332     (build_kanji.sscale(shifted (0,40))
333       (build_kanji.lift_skirt(350,170)(kanji.rare.high_spirits)))
334     (kanji.grnine.page));
335   tsu_render;
336 endtsuglyph;
337
338 % yo/azu "custody"
339 begintsuglyph("uni9810";16);
340   kanji.grfive.custody;
341   tsu_render;
342 endtsuglyph;
343
344 % gan/kataku "stubborn" (as in "ganbatte")
345 begintsuglyph("uni9811";17);
346   kanji.greight.stubborn;
347   tsu_render;
348 endtsuglyph;
349
```

[see page 4285]

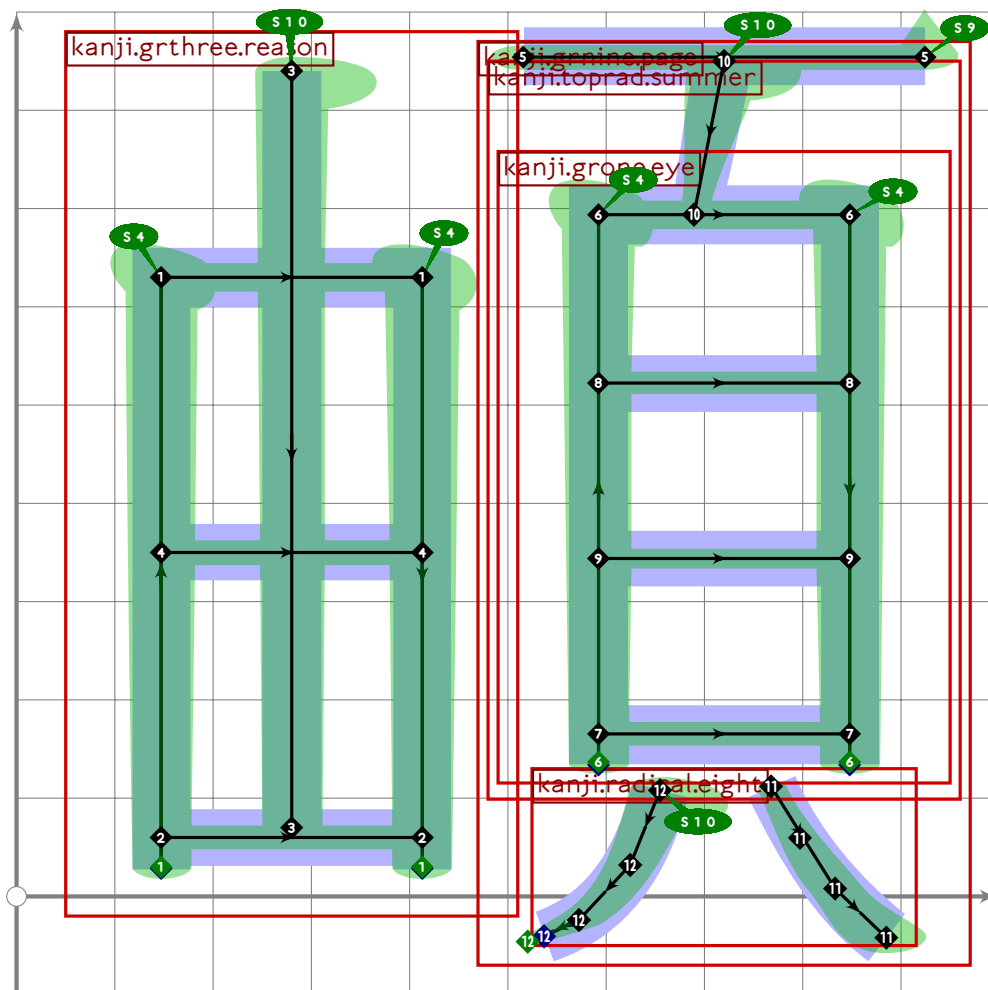
[see page 4296]


```

350 % han/waka "distribute"
351 begintsuglyph("uni9812";18);
352   kanji.greight.distribute;
353   tsu_render;
354 endsuglyph;
355

```

[see page 4293]

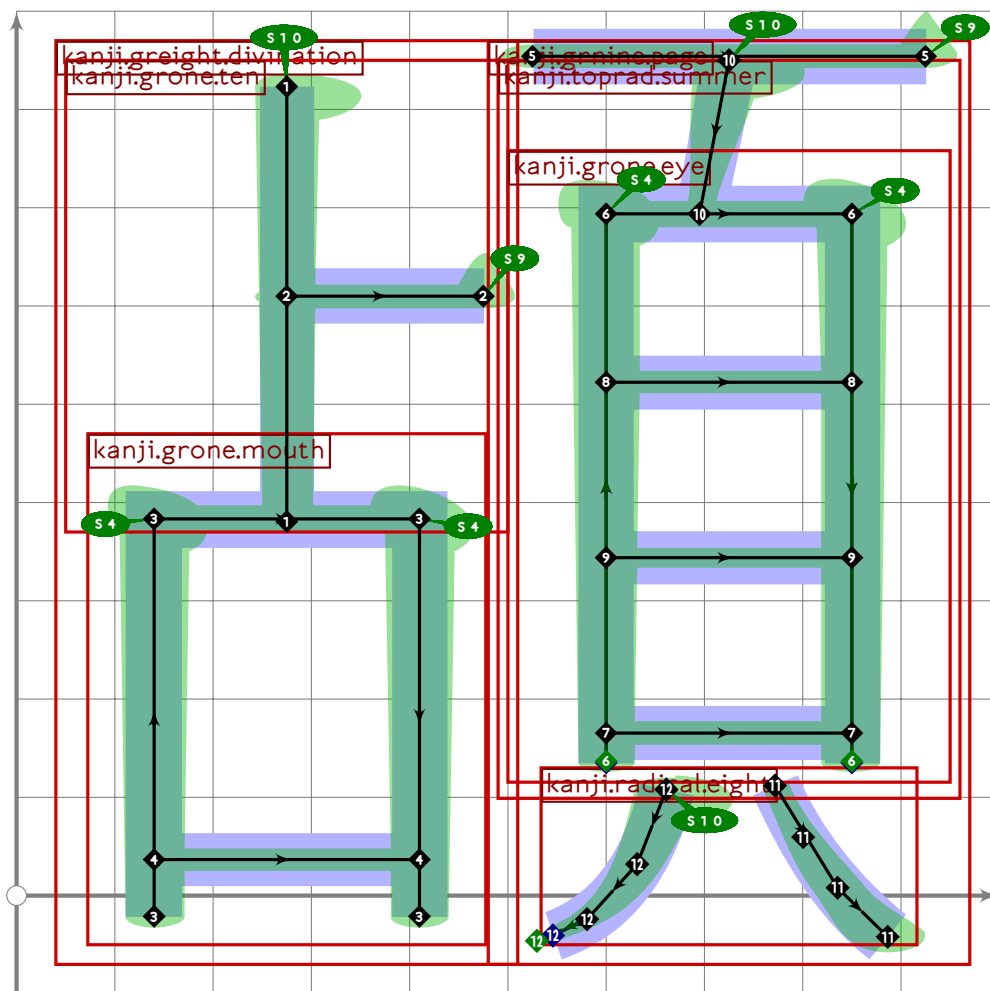


```

356 % extra
357 begintsuglyph("uni9814";20);
358   build_kanji.level(build_kanji.lr(500,20)
359     (build_kanji.sscale(shifted (0,30))(kanji.grthree.reason))
360     (kanji.grnine.page));
361   tsu_render;
362 endsuglyph;
363

```

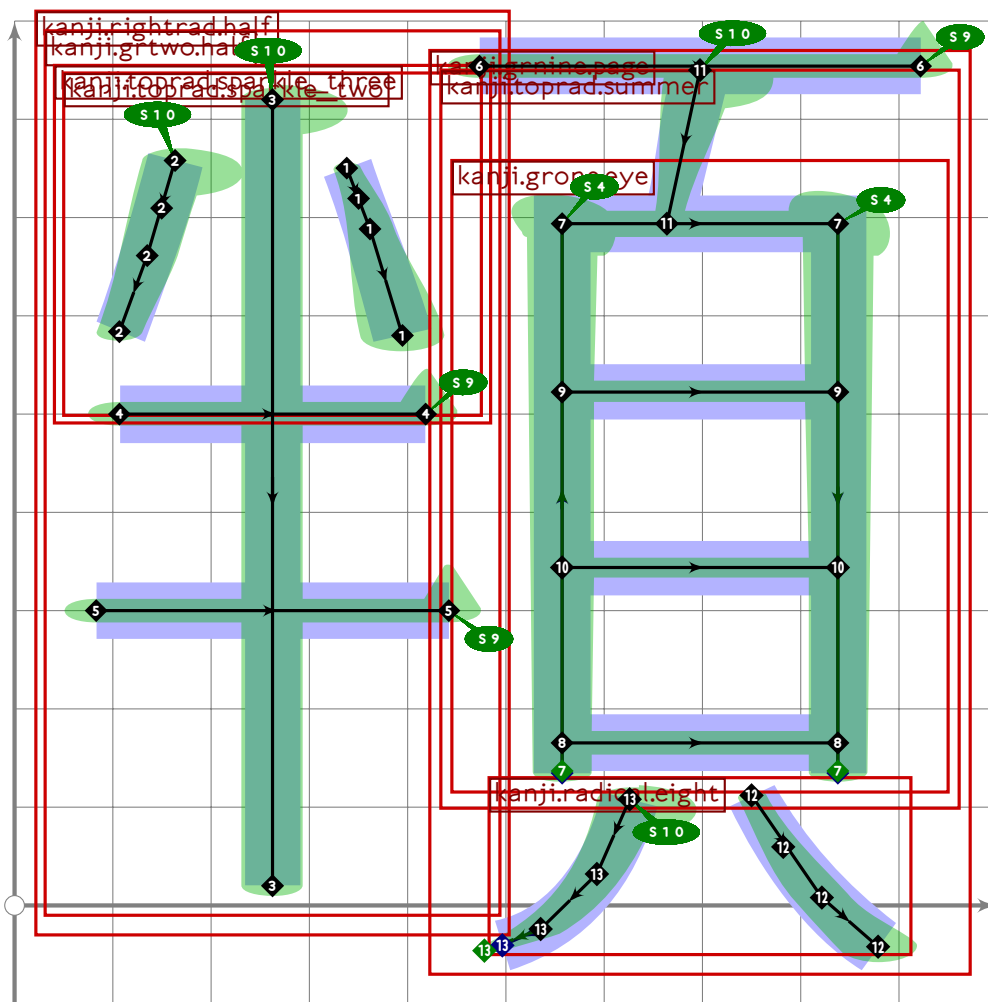
U+9815
tsuku.uni9815



```

364 % extra
365 begintsuglyph("uni9815";21);
366   build_kanji.level(build_kanji.lr(500,0)
367     (kanji.greight.divination)
368     (kanji.grnine.page));
369   tsu_render;
370 endtsuglyph;
371

```



```

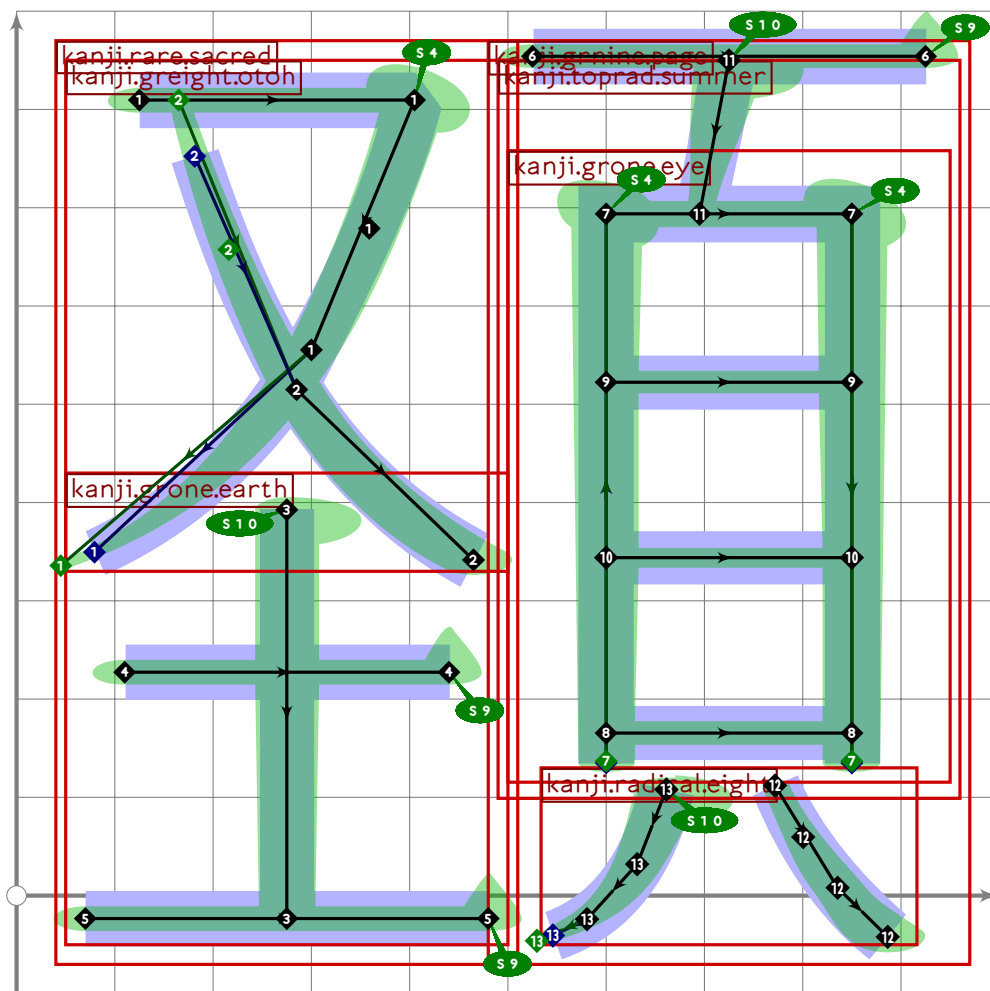
372 % extra
373 begintsuglyph("uni9816";22);
374   build_kanji.level(build_kanji.lr(460,30)
375     (build_kanji.ss.scale(shifted (0,40))(kanji.rightrrad.half))
376     (kanji.grnine.page));
377   tsu_render;
378 endtsuglyph;
379
380 % ha/sukobu "extremely"
381 begintsuglyph("uni9817";23);
382   kanji.grnine.extremely;
383   tsu_render;
384 endtsuglyph;
385
386 % ryou/eri "domain"
387 begintsuglyph("uni9818";24);
388   kanji.grfive.domain;
389   tsu_render;
390 endtsuglyph;
391

```

[see page 999]

[see page 4286]

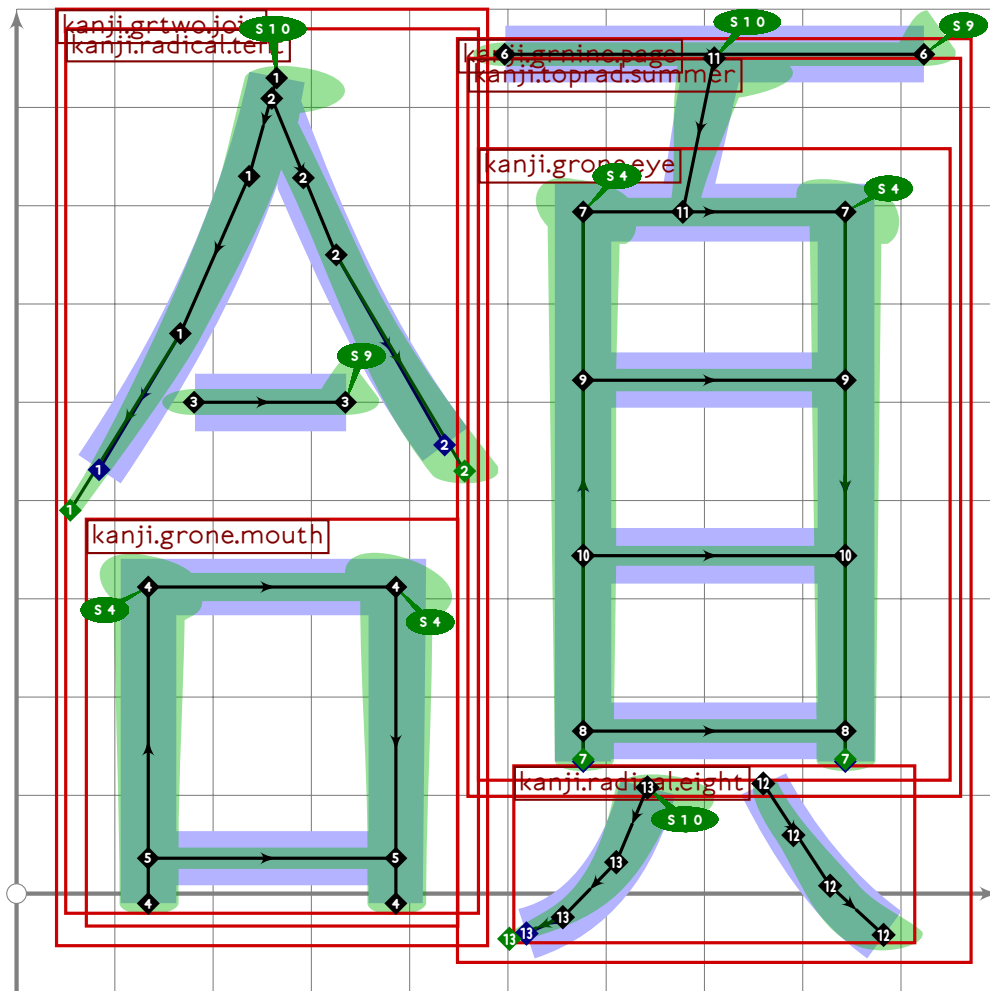
U+981A
tsuku.uni981A



```

392 % extra
393 begintsuglyph("uni981A";26);
394   build_kanji.level(build_kanji.lr(500,0)
395     (kanji.rare.sacred)
396     (kanji.grnine.page));
397   tsu_render;
398   endtsuglyph;
399

```

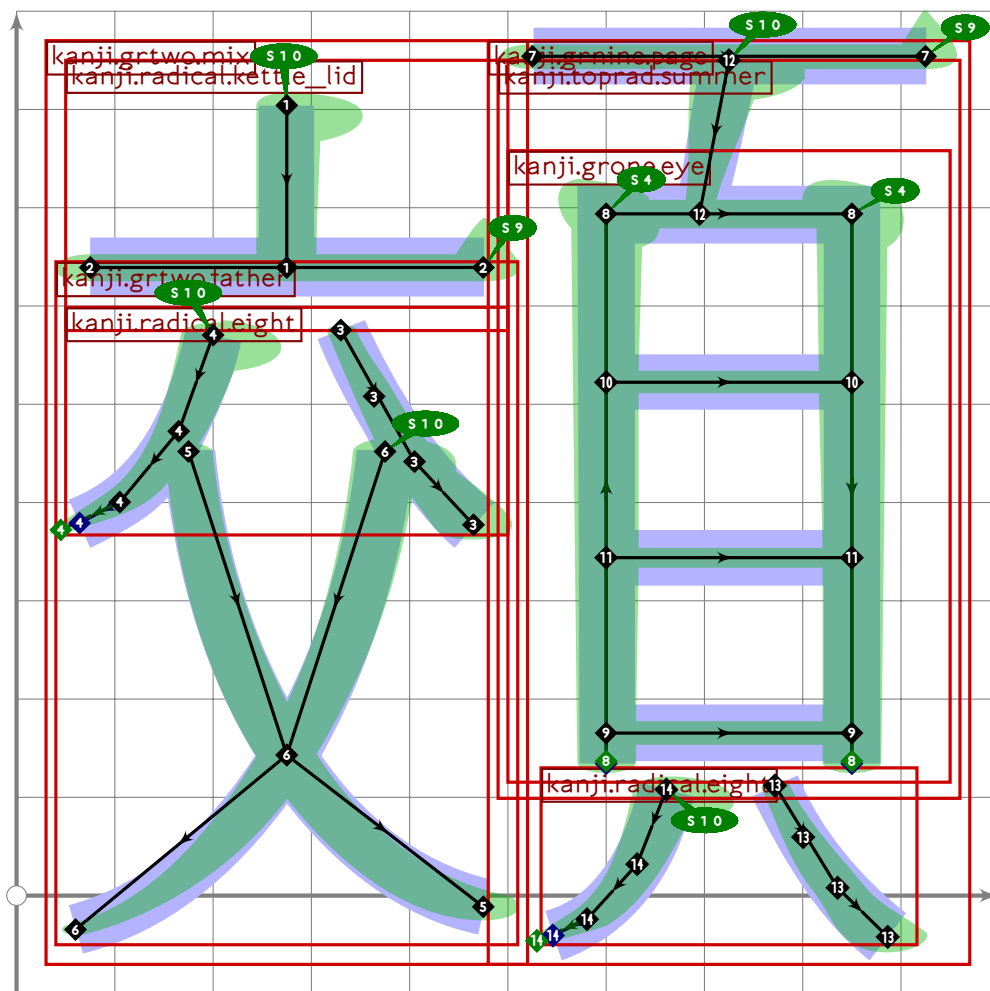


```

400 % extra
401 begintsuglyph("uni981C";28);
402   build_kanji.level(build_kanji.lr(470,0)
403     (build_kanji.sscale(shifted (0,30))(kanji.grtwo.join))
404     (kanji.grnine.page));
405   tsu_render;
406 endtsuglyph;
407

```

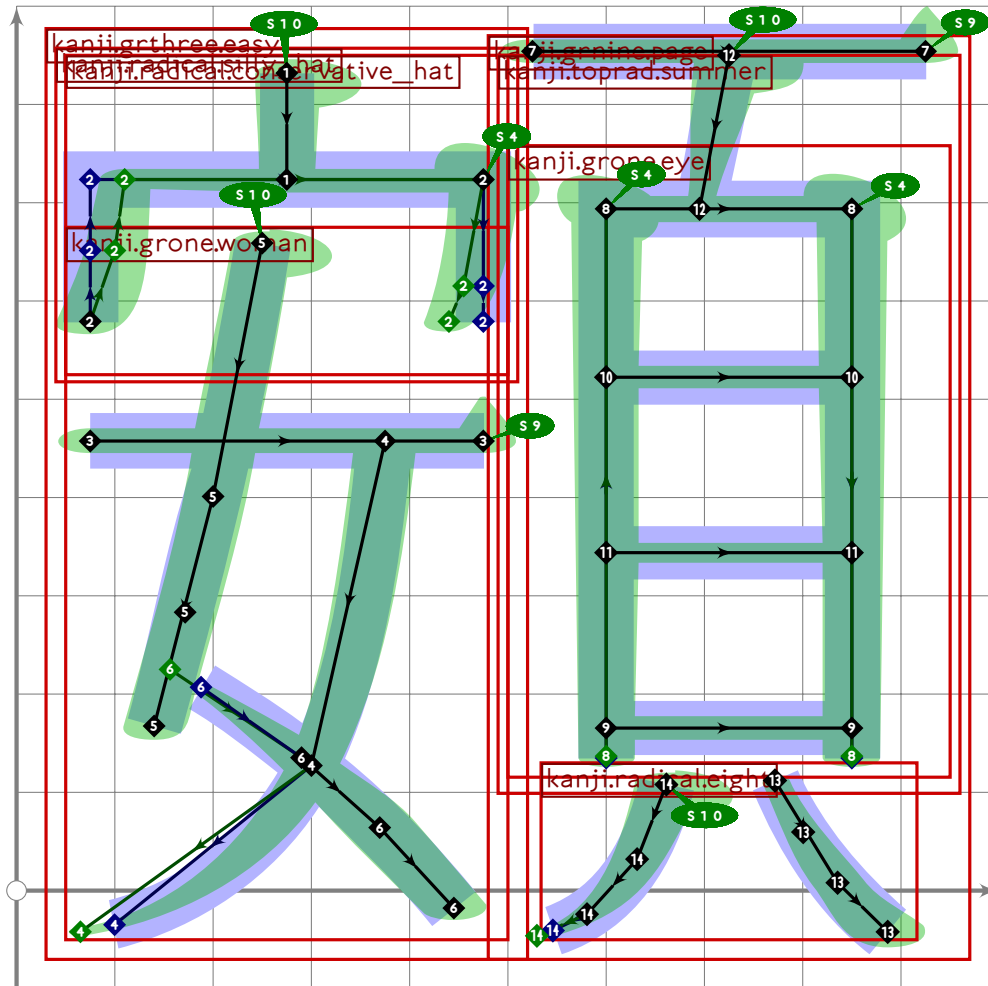
U+981D
tsuku.uni981D



```

408 % extra
409 begintsuglyph("uni981D";29);
410   build_kanji.level(build_kanji.lr(500,0)
411     (kanji.grtwo.mix)
412     (kanji.grnine.page));
413   tsu_render;
414 endtsuglyph;
415

```

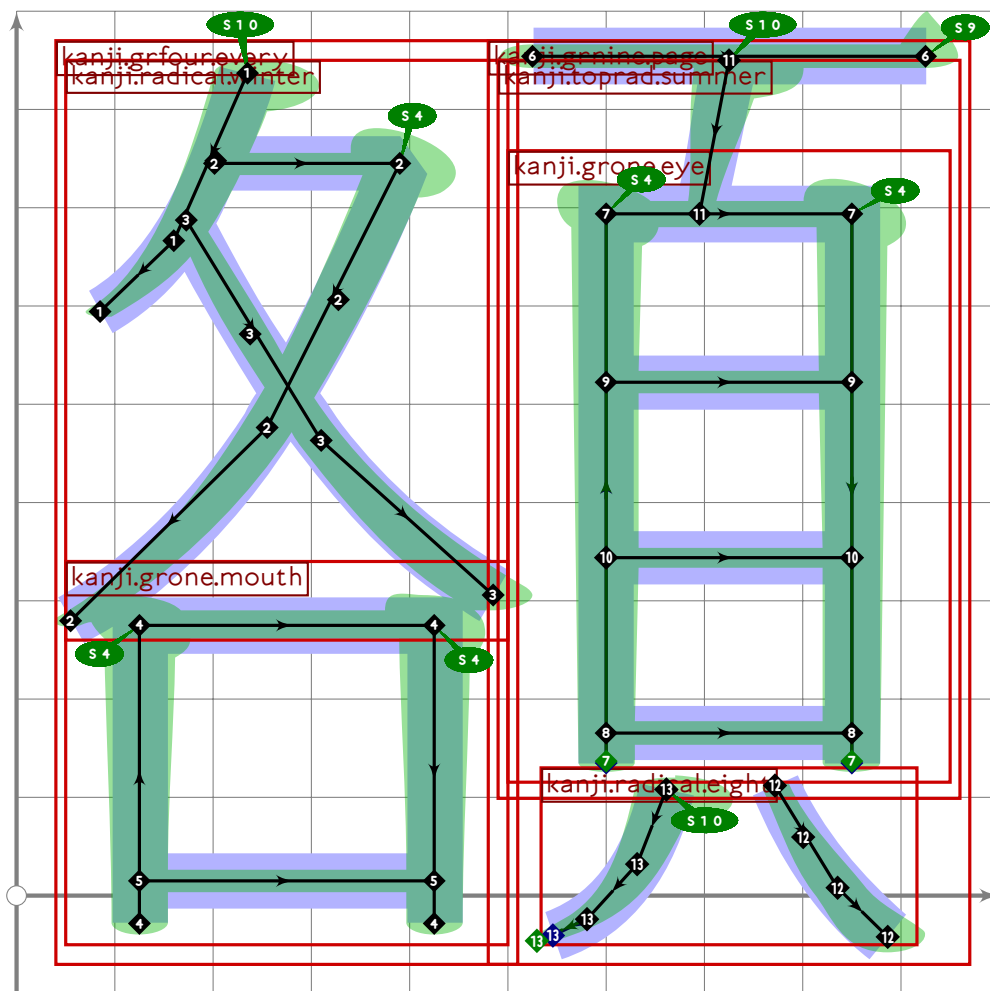


```

416 % extra
417 begintsuglyph("uni981E";30);
418   build_kanji.level(build_kanji.lr(500,0)
419     (kanji.grthree.easy)
420     (kanji.grnine.page));
421   tsu_render;
422 endtsuglyph;
423

```

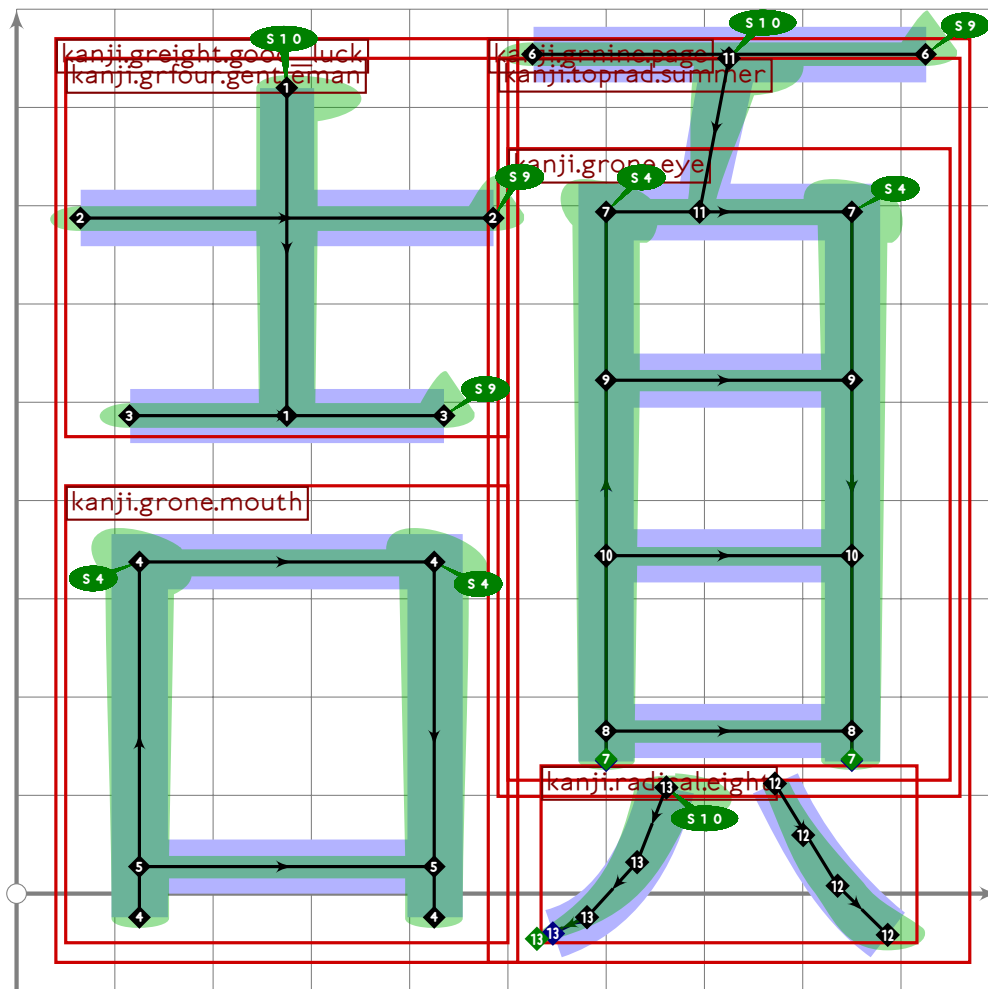
U+981F
tsuku.uni981F



```

424 % extra
425 begintsuglyph("uni981F";31);
426   build_kanji.level(build_kanji.lr(500,0)
427     (kanji.grfour.every)
428     (kanji.grnine.page));
429   tsu_render;
430 endtsuglyph;
431

```

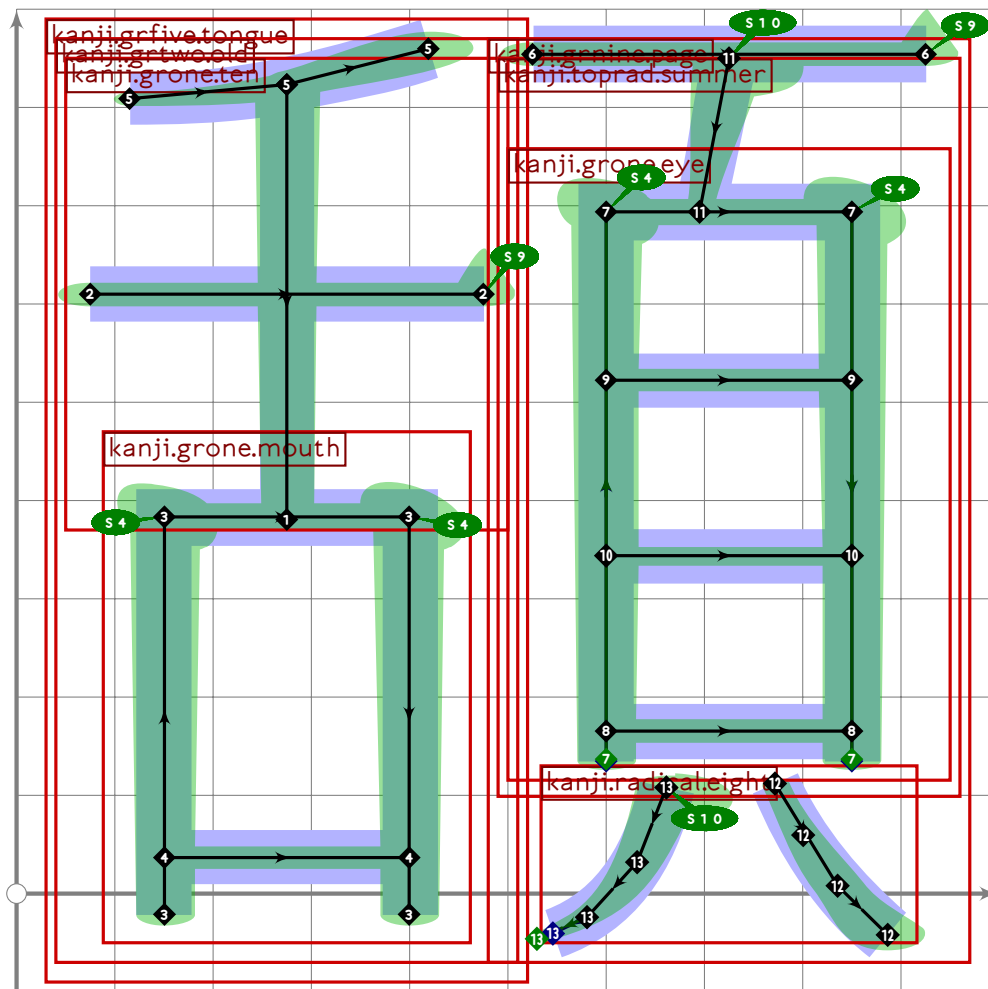



```

432 % extra
433 begintsuglyph("uni9821";33);
434   build_kanji.level(build_kanji.lr(500,0)
435     (kanji.greight.good_luck)
436     (kanji.grnine.page));
437   tsu_render;
438 endtsuglyph;
439

```

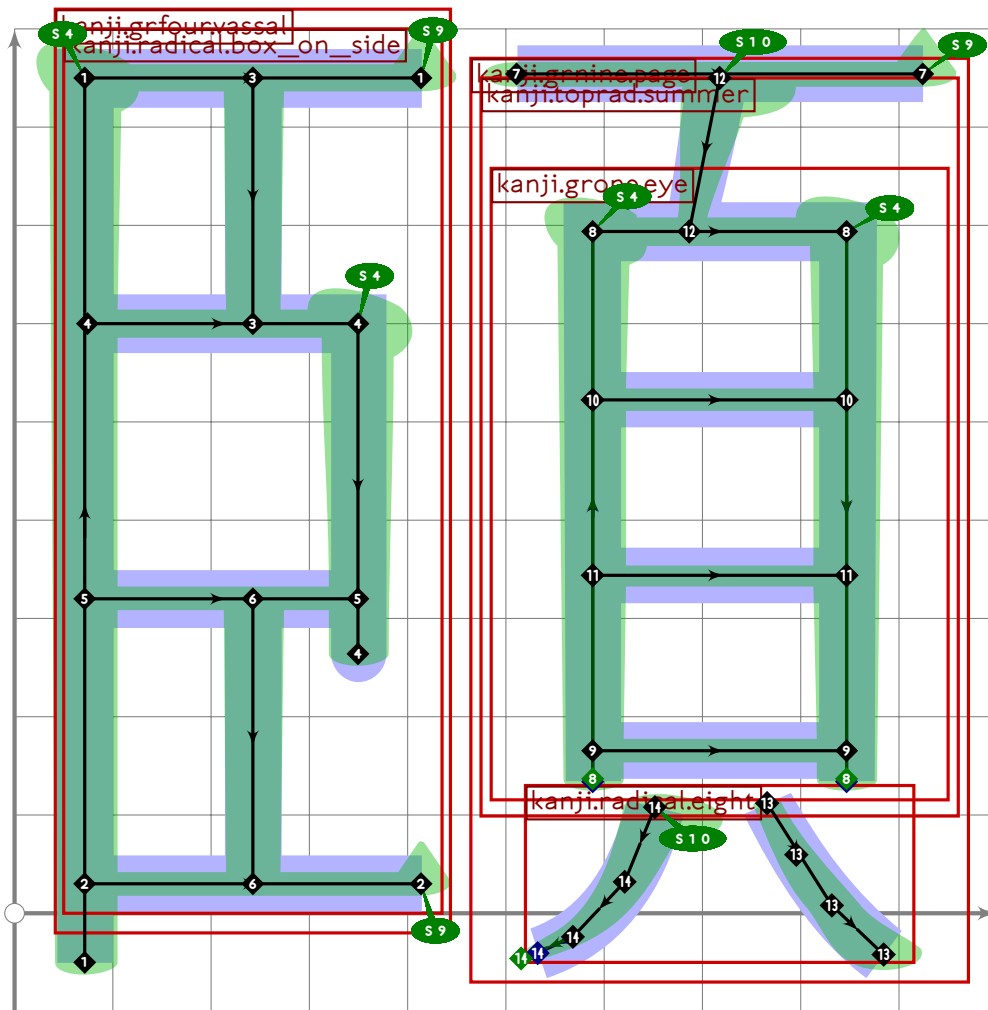
U+9822
tsuku.uni9822



```

440 % extra
441 begintsuglyph("uni9822",34);
442   build_kanji.level(build_kanji.lr(500,0)
443     (kanji.grfive.tongue)
444     (kanji.grnine.page));
445   tsu_render;
446 endtsuglyph;
447

```

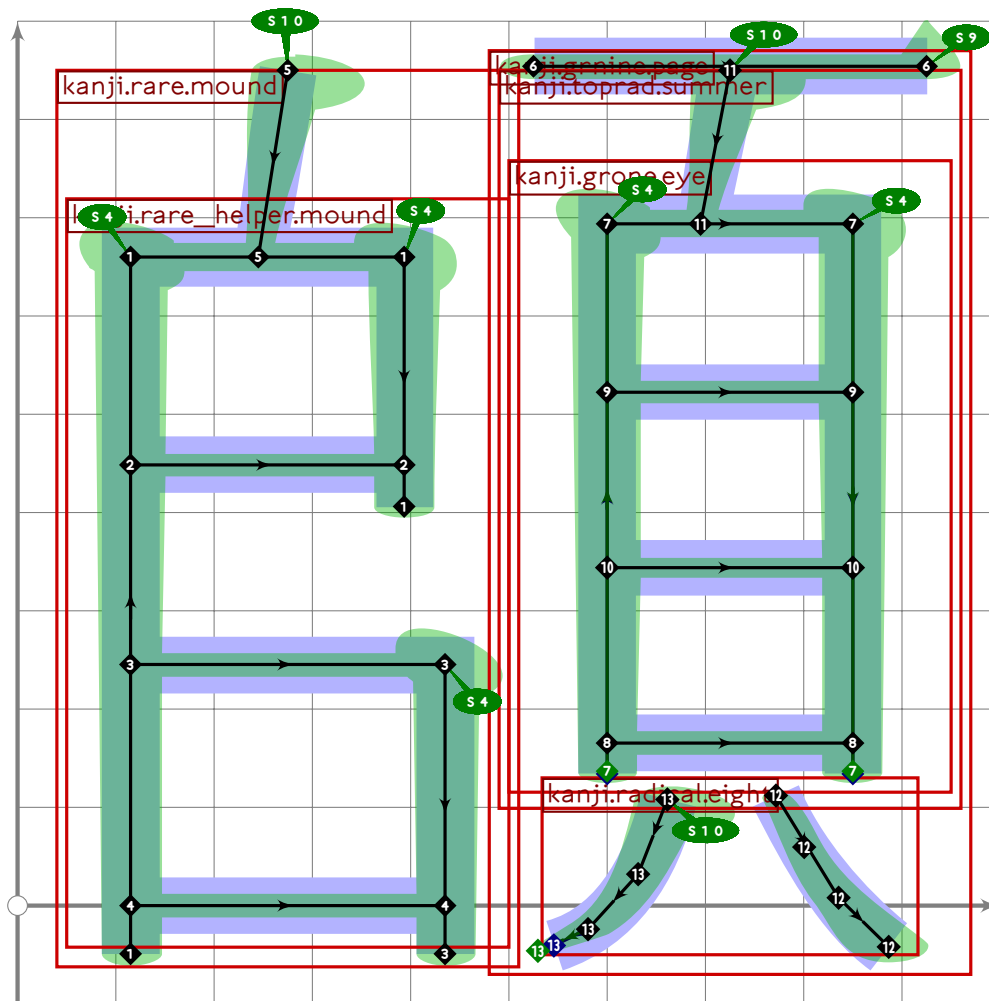


```

448 % extra
449 begintsuglyph("uni9823",35);
450 build_kanji.level(build_kanji.lr(460,50)
451   (build_kanji.sscale(shifted (0,50))(kanji.grfour.vassal))
452   (kanji.grnine.page));
453 tsu_render;
454 endsuglyph;
455

```

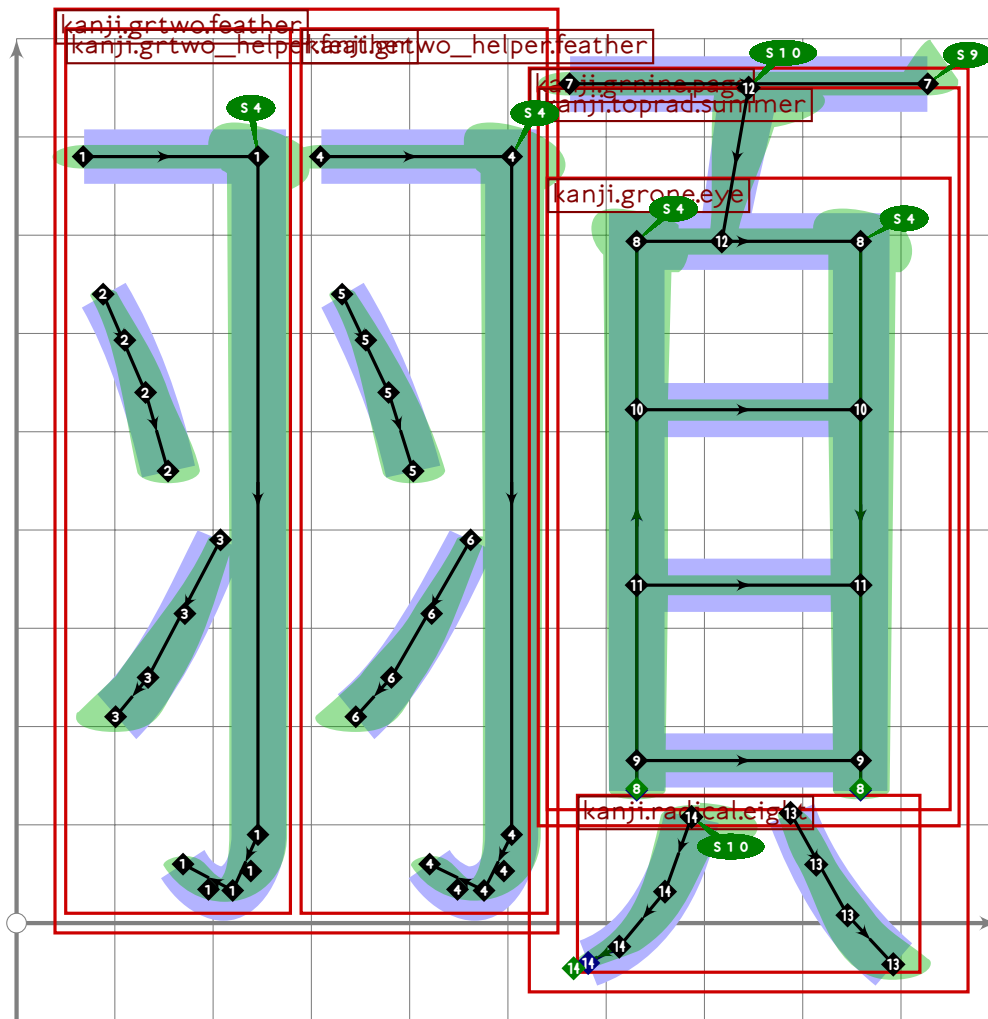
U+9827
tsuku.uni9827



```

456 % extra
457 begintsuglyph("uni9827",39);
458   build_kanji.level(build_kanji.lr(500,0)
459     (kanji.rare.mound)
460     (kanji.grnine.page));
461   tsu_render;
462 endtsuglyph;
463

```

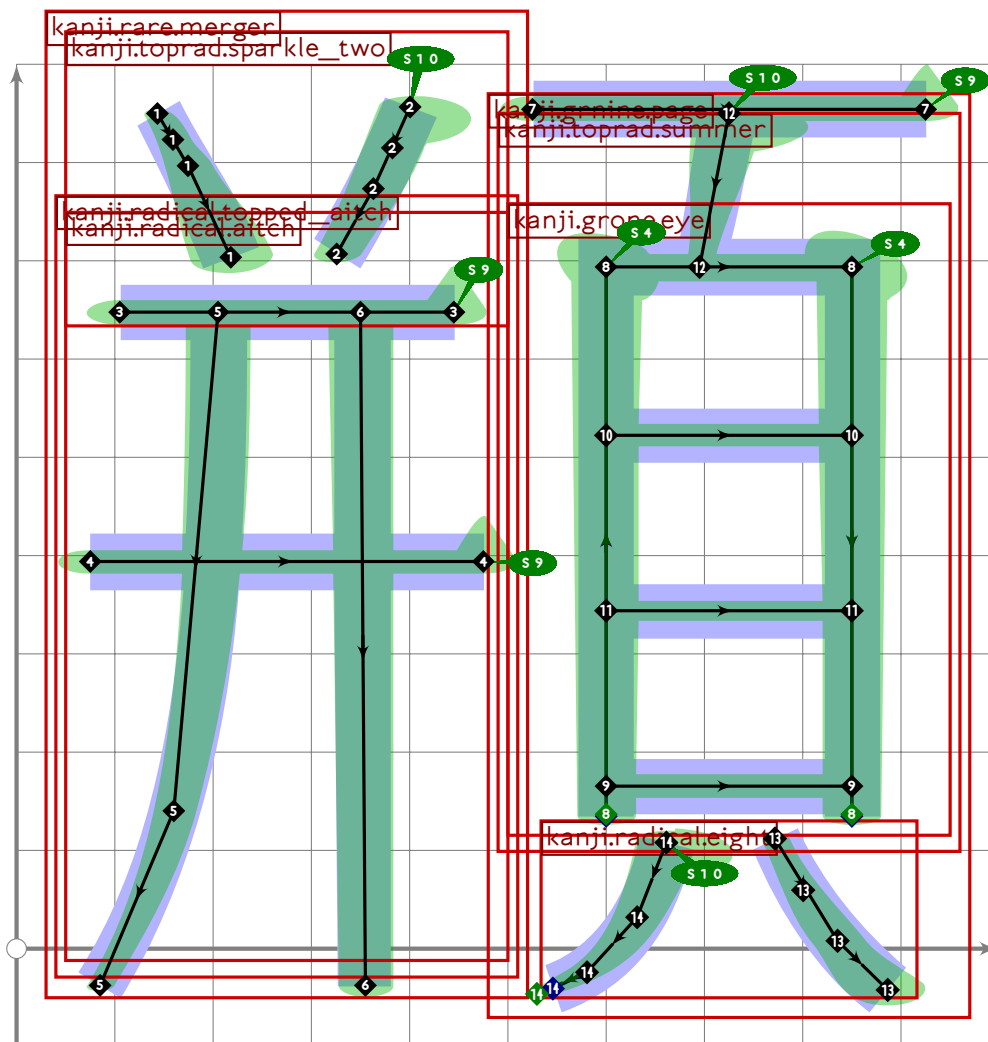


```

464 % extra
465 begintsuglyph("uni9828"40);
466   build_kanji.level(build_kanji.lr(540,0)
467     (build_kanji.sscale(shifted (0,60))(kanji.grtwo.feather))
468     (kanji.grnine.page));
469   tsu_render;
470 endtsuglyph;
471

```

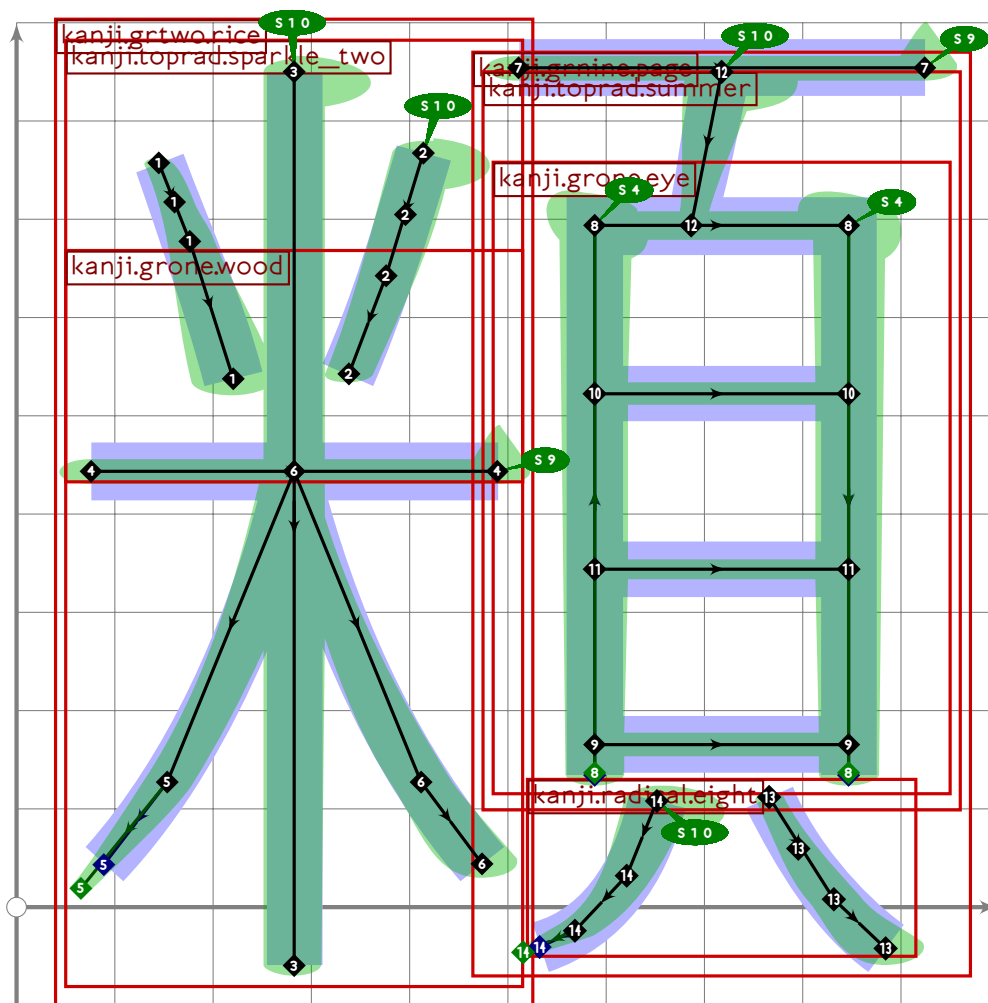
U+9829
tsuku.uni9829



```

472 % extra
473 begint Suglyph("uni9829"41);
474 build_kanji.level(build_kanji.lr(500,0)
475 (build_kanji.sscale(yscaled 1.05 shifted (0,60))(kanji.rare.merger))
476 (kanji.grnine.page));
477 tsu_render;
478 endtsuglyph;
479

```

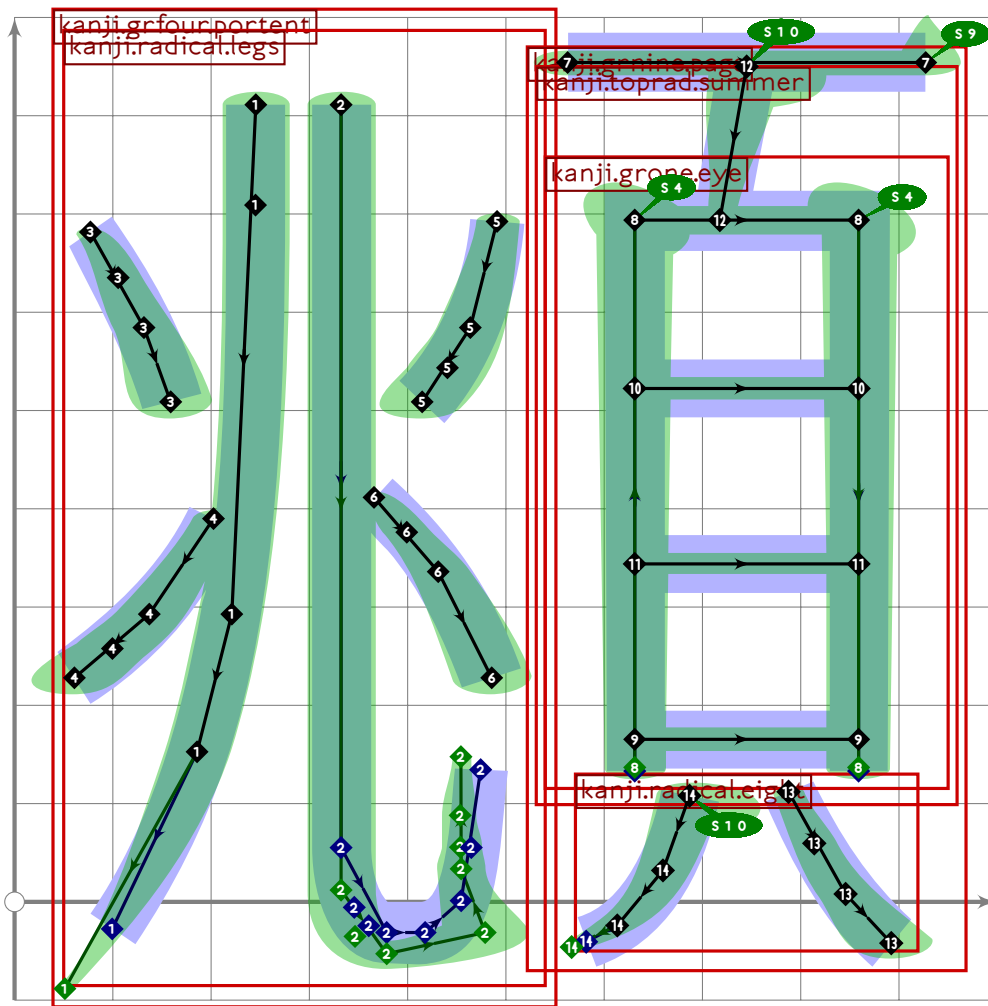


```

480 % extra
481 begintsuglyph("uni982A",42);
482   build_kanji.level(build_kanji.lr(500,30)
483     (build_kanji.sscale(yscaled 1.07)(kanji.grtwo.rice))
484     (kanji.grnine.page));
485   tsu_render;
486 endtsuglyph;
487

```

U+982B
tsuku.uni982B

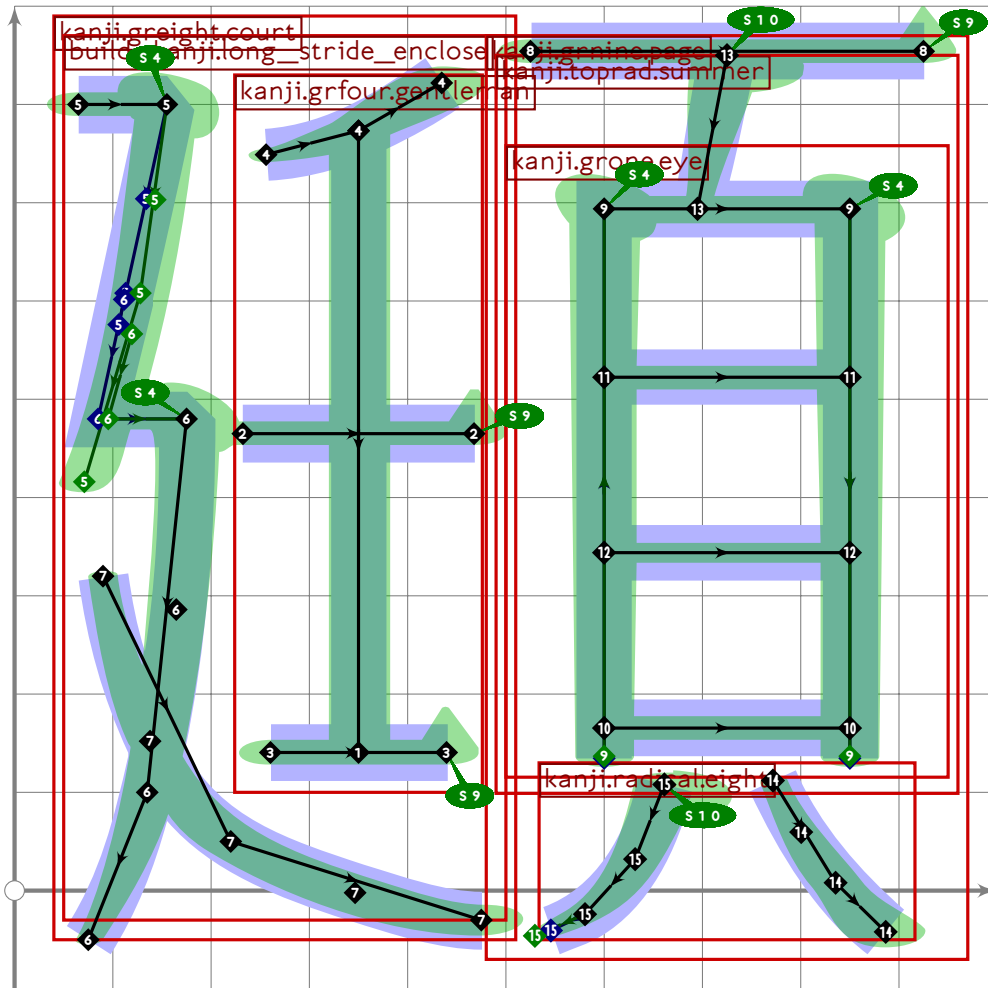


```

488 % extra
489 begintsuglyph("uni982B",43);
490   build_kanji.level(build_kanji.lr(540,0)
491     (build_kanji.sscale(yscaled 1.08)(kanji.grfour.portent))
492     (kanji.grnine.page));
493   tsu_render;
494 endtsuglyph;
495
496 % tou/atama "head"
497 begintsuglyph("uni982D",45);
498   kanji.grtwo.head;
499   tsu_render;
500 endtsuglyph;
501

```

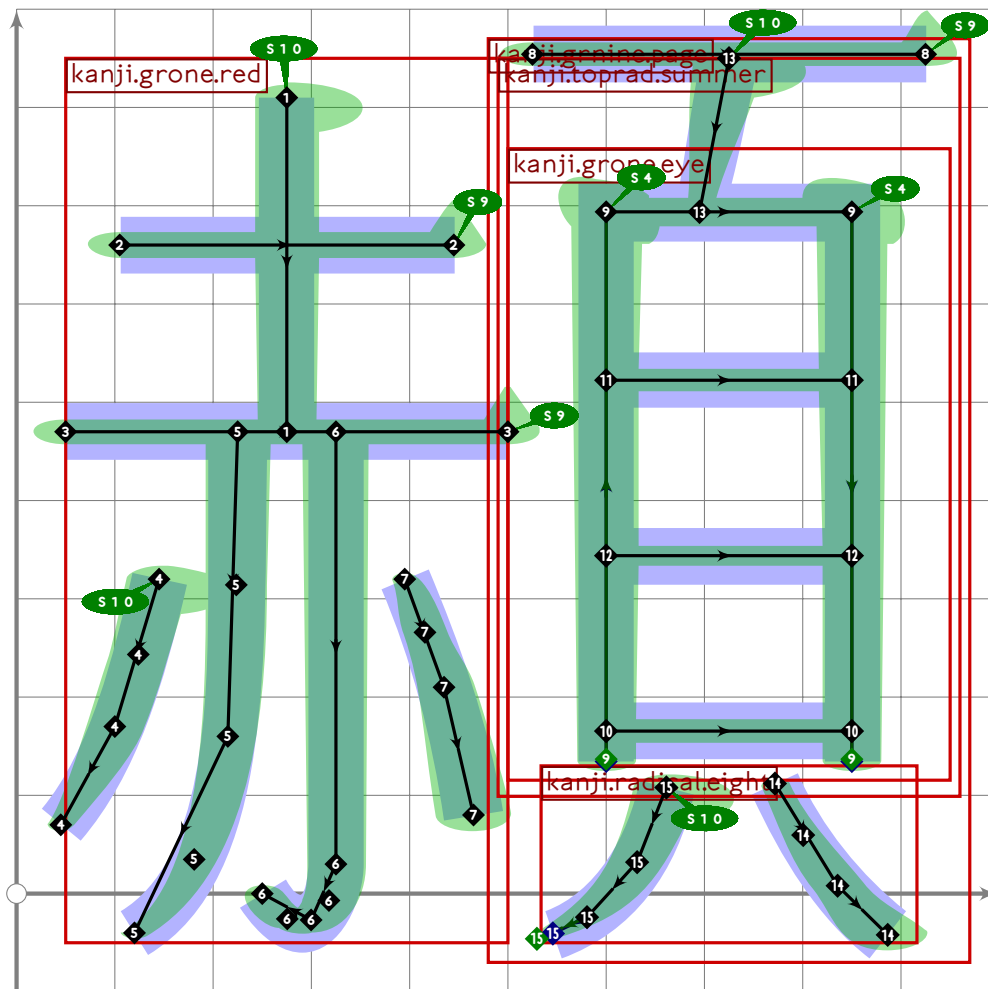
[see page 4279]



```

502 % extra
503 begintsuglyph("uni9832";50);
504   build_kanji.level(build_kanji.lr(500,0)
505     (tsu_xform(identity shifted (0,20))(kanji.greight.court))
506     (kanji.grnine.page));
507   tsu_render;
508 endtsuglyph;
509

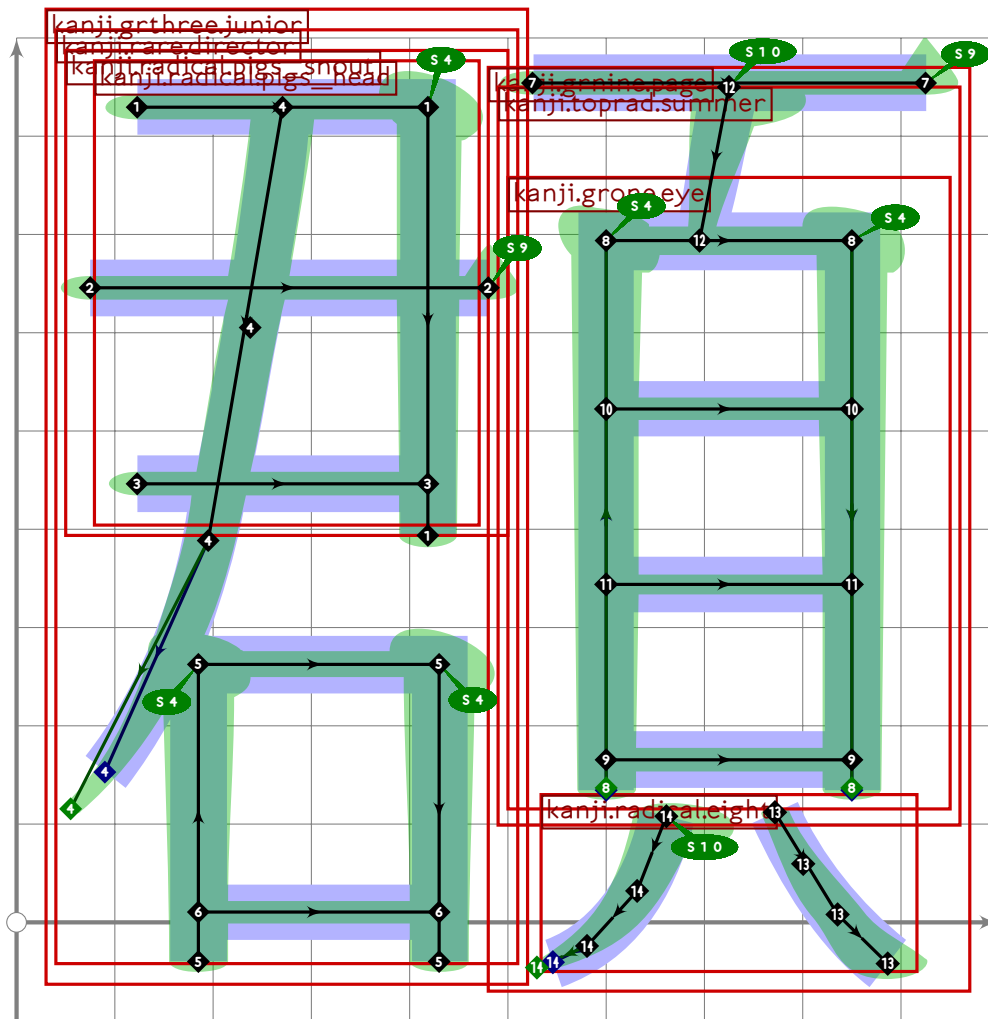
```



```

510 % extra
511 begintsuglyph("uni9833",51);
512 build_kanji.level(build_kanji.lr(500,0)
513   (kanji.grone.red)
514   (kanji.grnine.page));
515 tsu_render;
516 endtsuglyph;
517

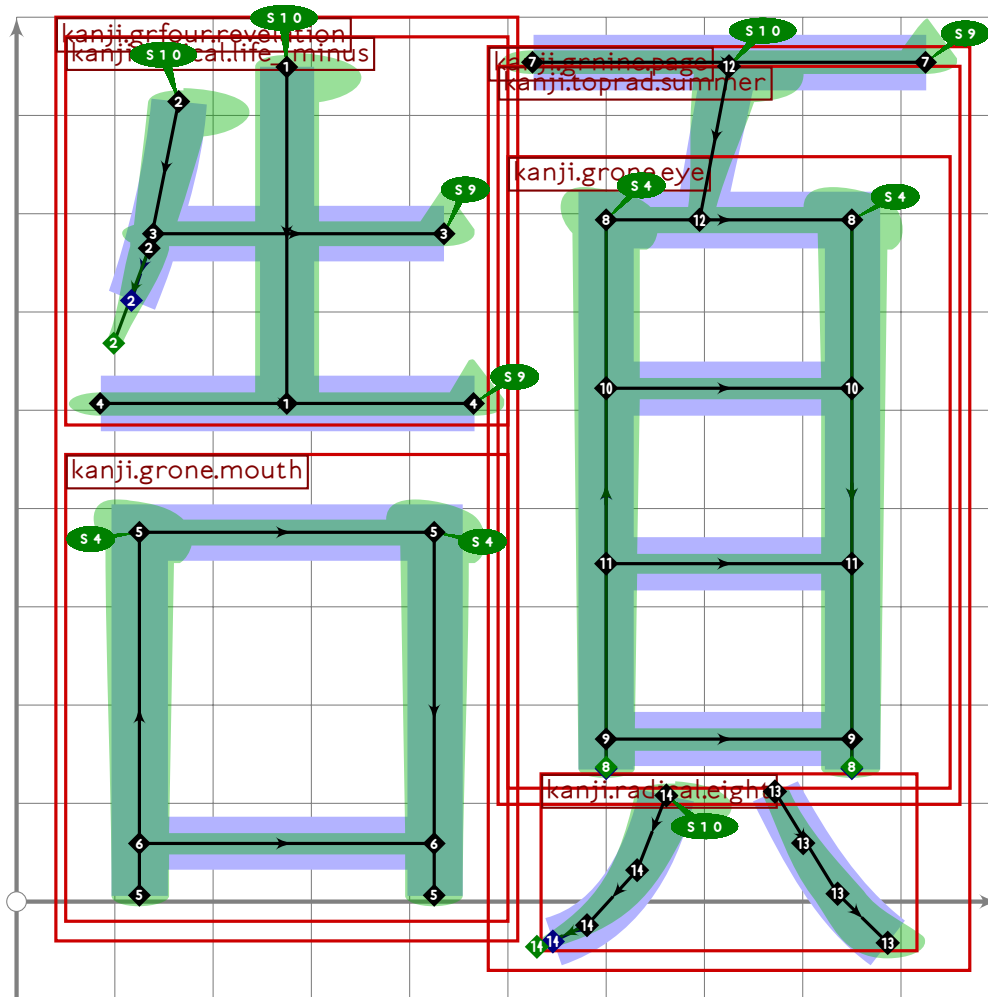
```



```

518 % extra
519 begintsuglyph("uni9835";53);
520   build_kanji.level(build_kanji.lr(500,0)
521     (build_kanji.sscale(yscaled 1.05 shifted (0,30))(kanji.grthree.junior))
522     (kanji.grnine.page));
523   tsu_render;
524 endtsuglyph;
525

```



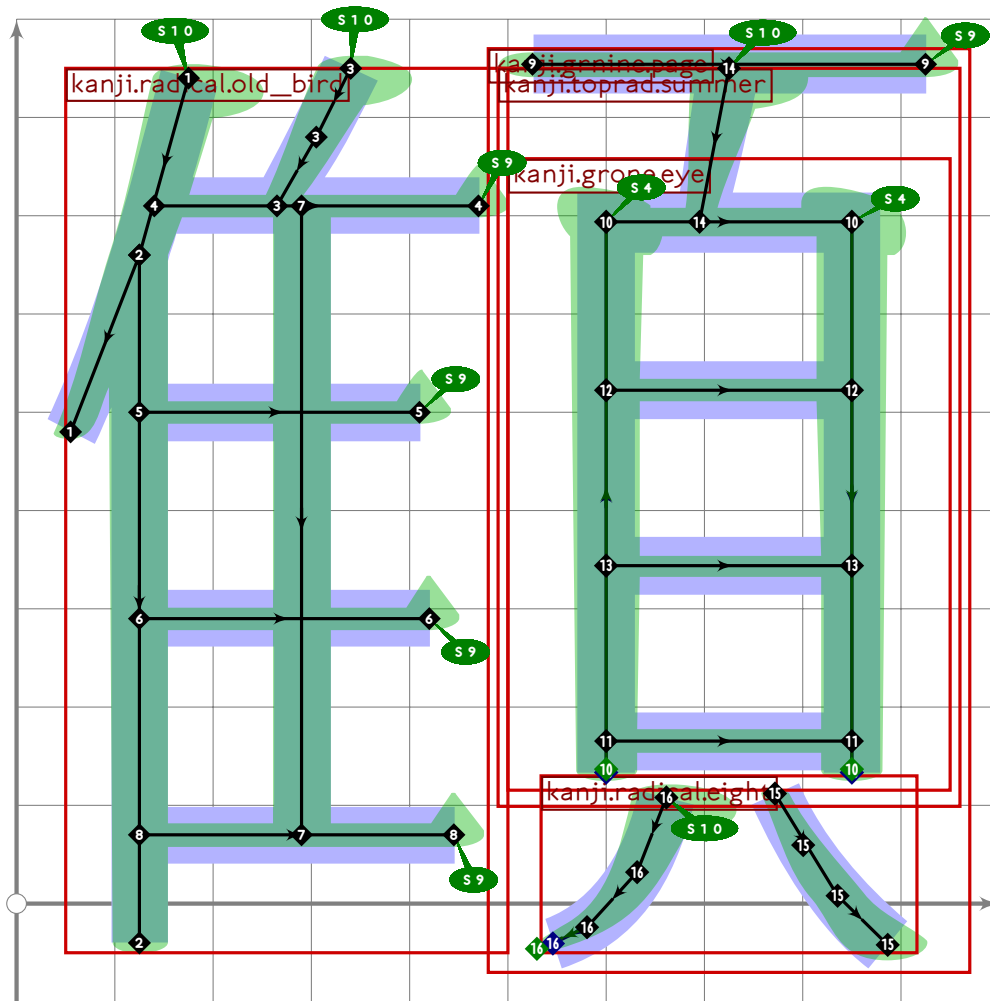
```

526 % extra
527 begintsuglyph("uni9836";54);
528   build_kanji.level(build_kanji.lr(500,0)
529     (build_kanji.sscale(shifted (0,30))(kanji.grfour.revelation))
530     (kanji.grnine.page));
531   tsu_render;
532 endtsuglyph;
533
534 % hin/shiki "repeated"
535 begintsuglyph("uni983B";59);
536   kanji.greight.repeated;
537   tsu_render;
538 endtsuglyph;
539
540 % rai/tano "request"
541 begintsuglyph("uni983C";60);
542   kanji.greight.request;
543   tsu_render;
544 endtsuglyph;
545

```

[see page 4294]

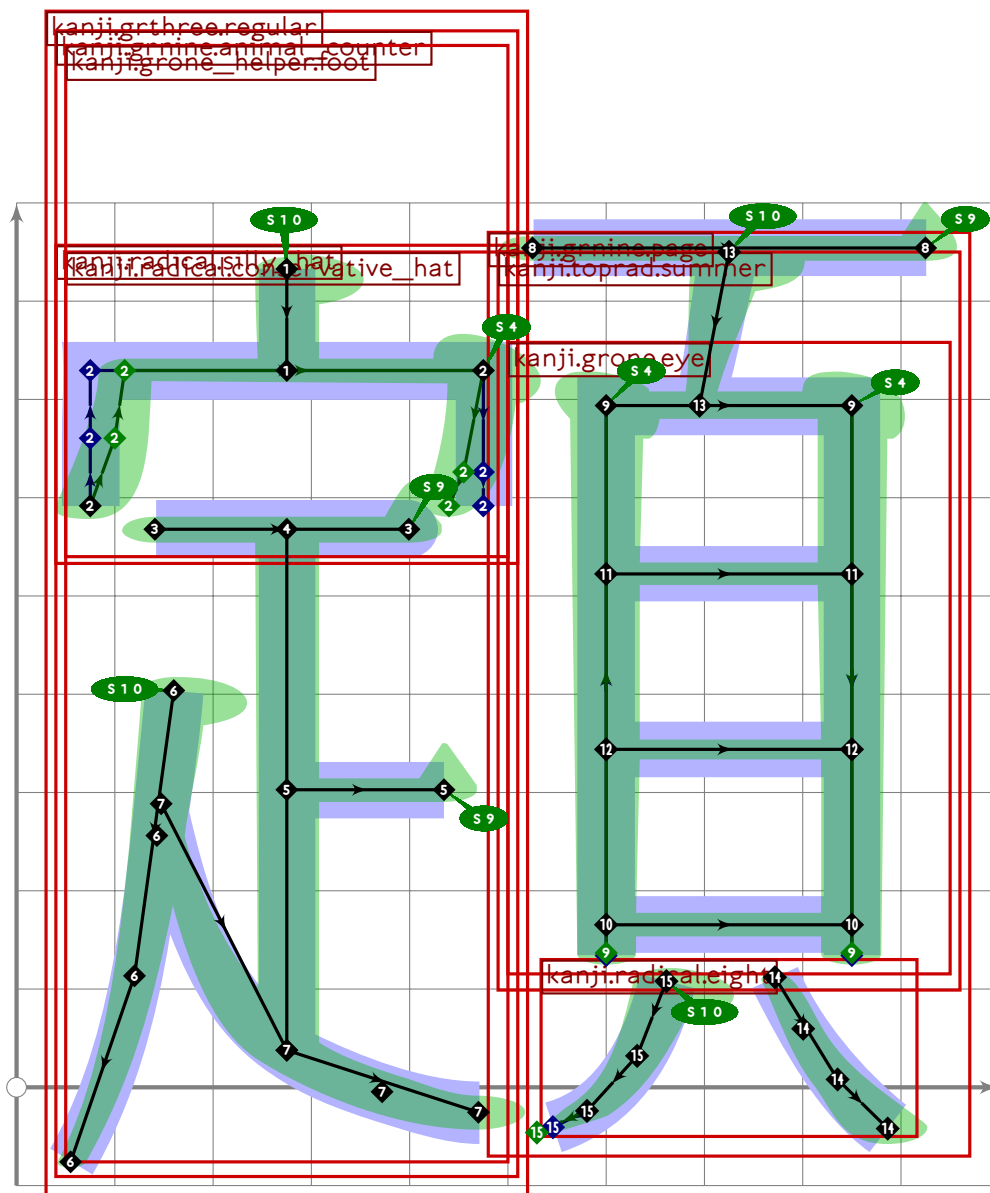
[see page 4295]



```

546 % extra
547 begintsuglyph("uni9840",64);
548   build_kanji.level(build_kanji.lr(500,0)
549     (kanji.radical.old_bird)
550     (kanji.grnine.page));
551   tsu_render;
552 endtsuglyph;
553

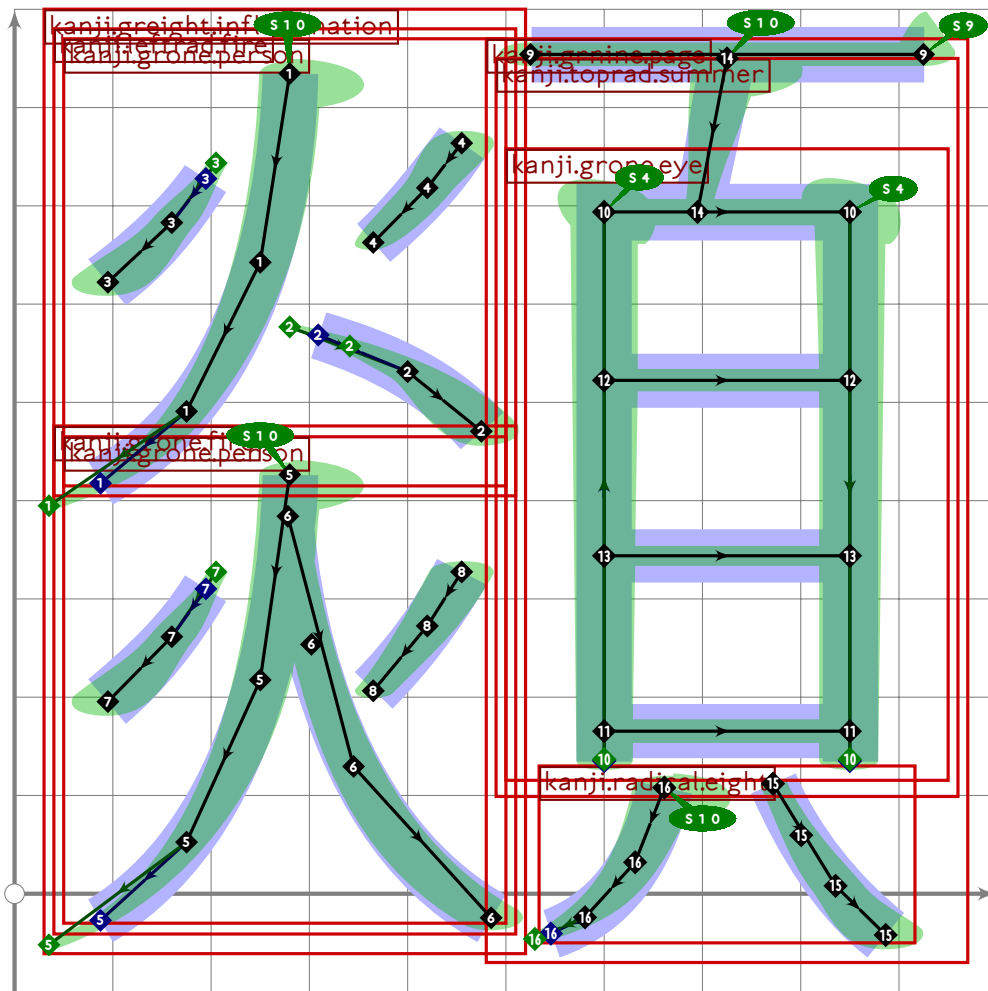
```



```

554 % extra
555 begintsuglyph("uni9841",65);
556   build_kanji.level(build_kanji.lr(500,0)
557     (kanji.grthree.regular)
558     (kanji.grnine.page));
559   tsu_render;
560 endtsuglyph;
561

```

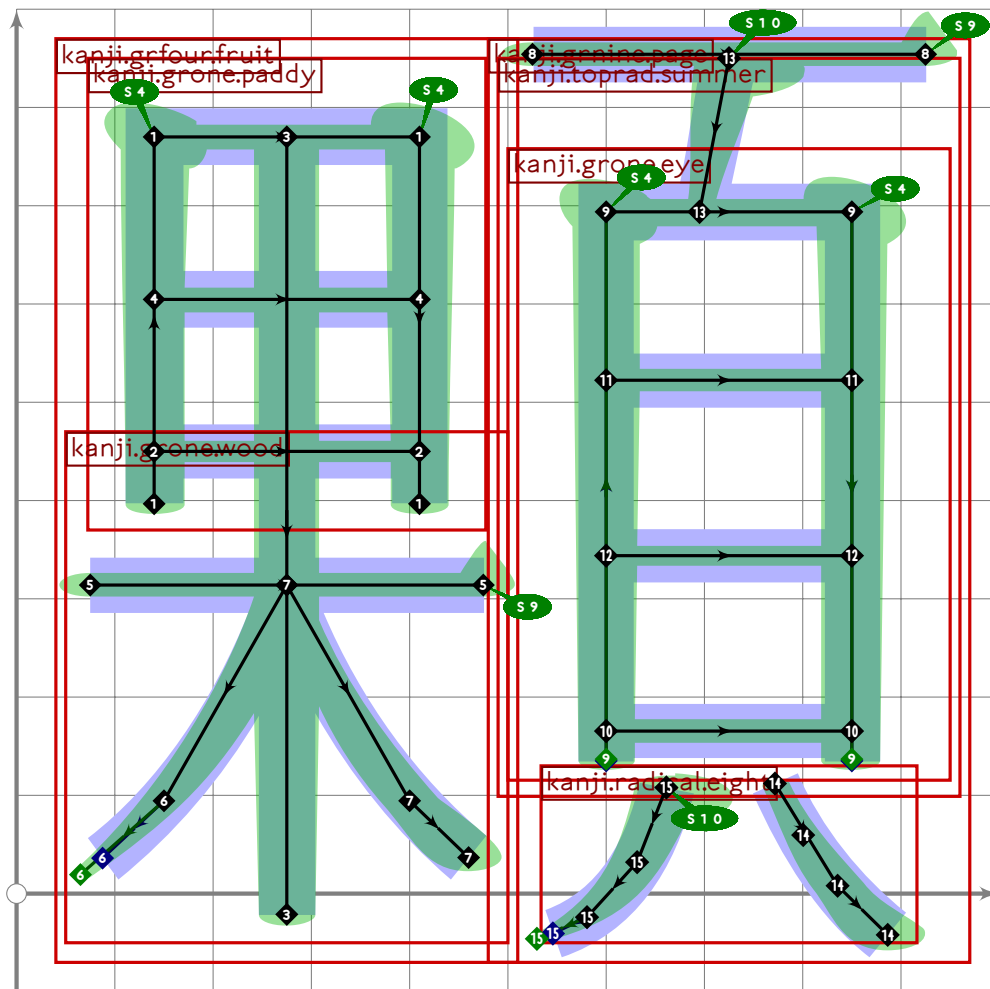


```

562 % extra
563 begintsuglyph("uni9843",67);
564   build_kanji.level(build_kanji.lr(500,0)
565     (tsu_xform(identity shifted (0,20))(kanji.greight.inflammation))
566     (kanji.grnine.page));
567   tsu_render;
568 endtsuglyph;
569

```

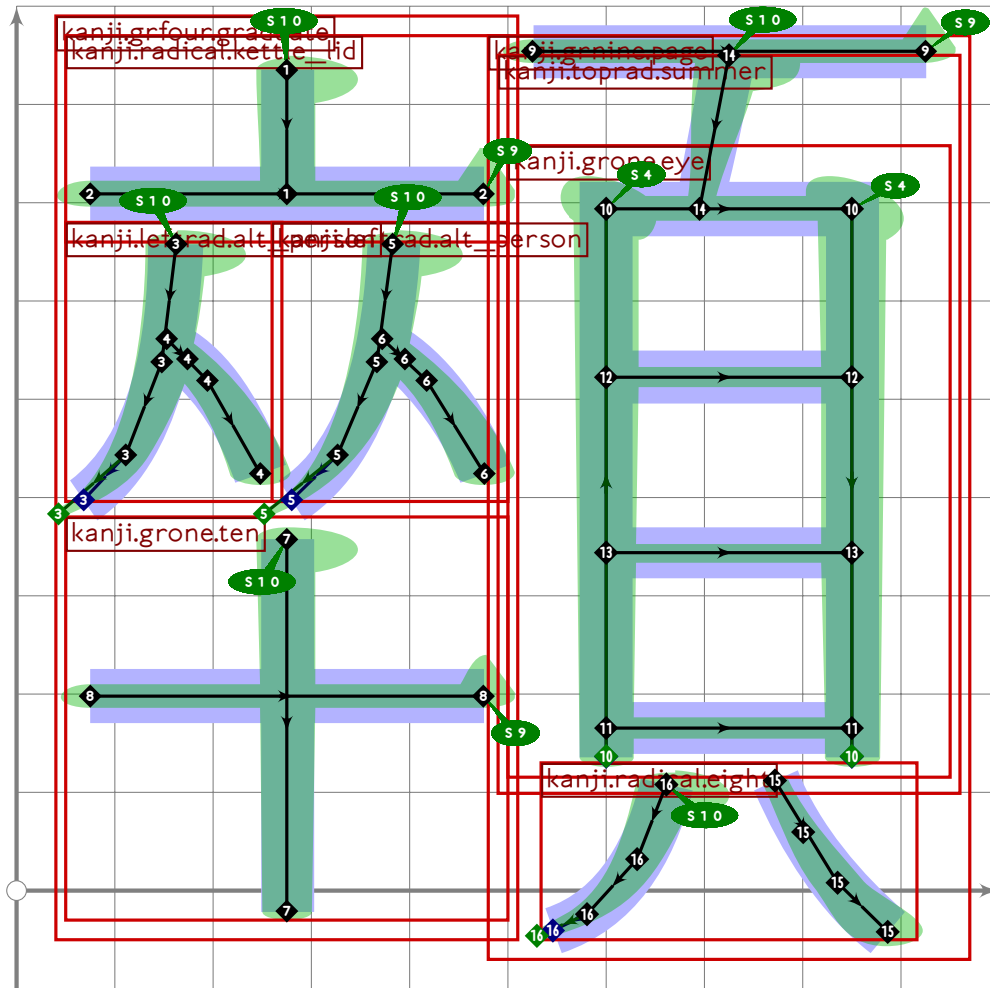
U+9846
tsuku.uni9846



```

570 % extra
571 begintsuglyph("uni9846";70);
572   build_kanji.level(build_kanji.lr(500,0)
573     (kanji.grfour.fruit)
574     (kanji.grnine.page));
575   tsu_render;
576 endtsuglyph;
577

```

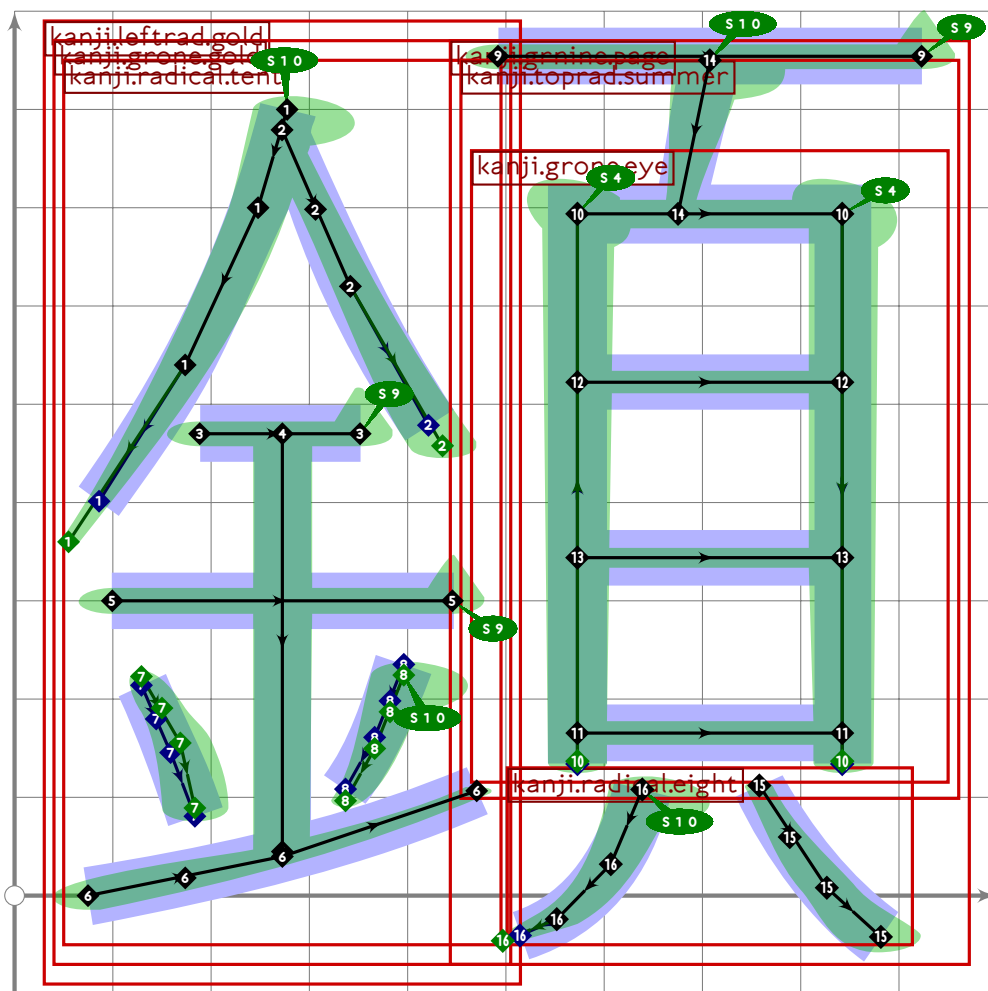



```

578 % extra
579 begint Suglyph("uni9847";71);
580   build_kanji.level(build_kanji.lr(500,0)
581     (tsu_xform(identity shifted (0,20))(kanji.grfour.graduate))
582     (kanji.grnine.page));
583   tsu_render;
584 endtsuglyph;
585

```

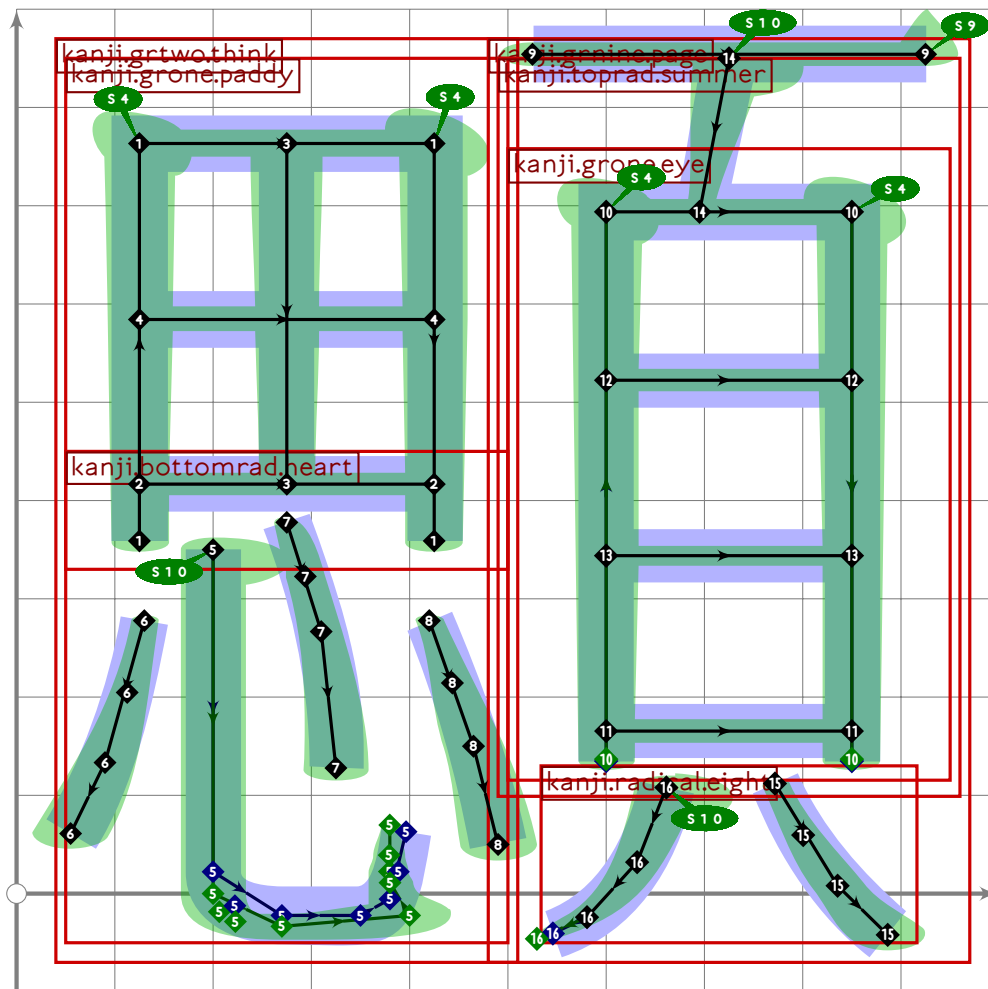
U+9849
tsuku.uni9849



```

586 % extra
587 begintsuglyph("uni9849;73);
588   build_kanji.level(build_kanji.lr(480,30)
589     (kanji.leftrad.gold)
590     (kanji.grnine.page));
591   tsu_render;
592 endtsuglyph;
593

```



```

594 % extra
595 begintsuglyph("uni984B";75);
596   build_kanji.level(build_kanji.lr(500,0)
597     (kanji.grtwo.think)
598     (kanji.grnine.page));
599   tsu_render;
600 endtsuglyph;
601
602 % dai "topic"
603 begintsuglyph("uni984C";76);
604   kanji.grthree.topic;
605   tsu_render;
606 endtsuglyph;
607
608 % gaku/hitai "forehead" or "framed picture"
609 begintsuglyph("uni984D";77);
610   kanji.grfive.forehead;
611   tsu_render;
612 endtsuglyph;
613
614 % gaku/ago "chin"

```

[see page 4281]

[see page 4287]

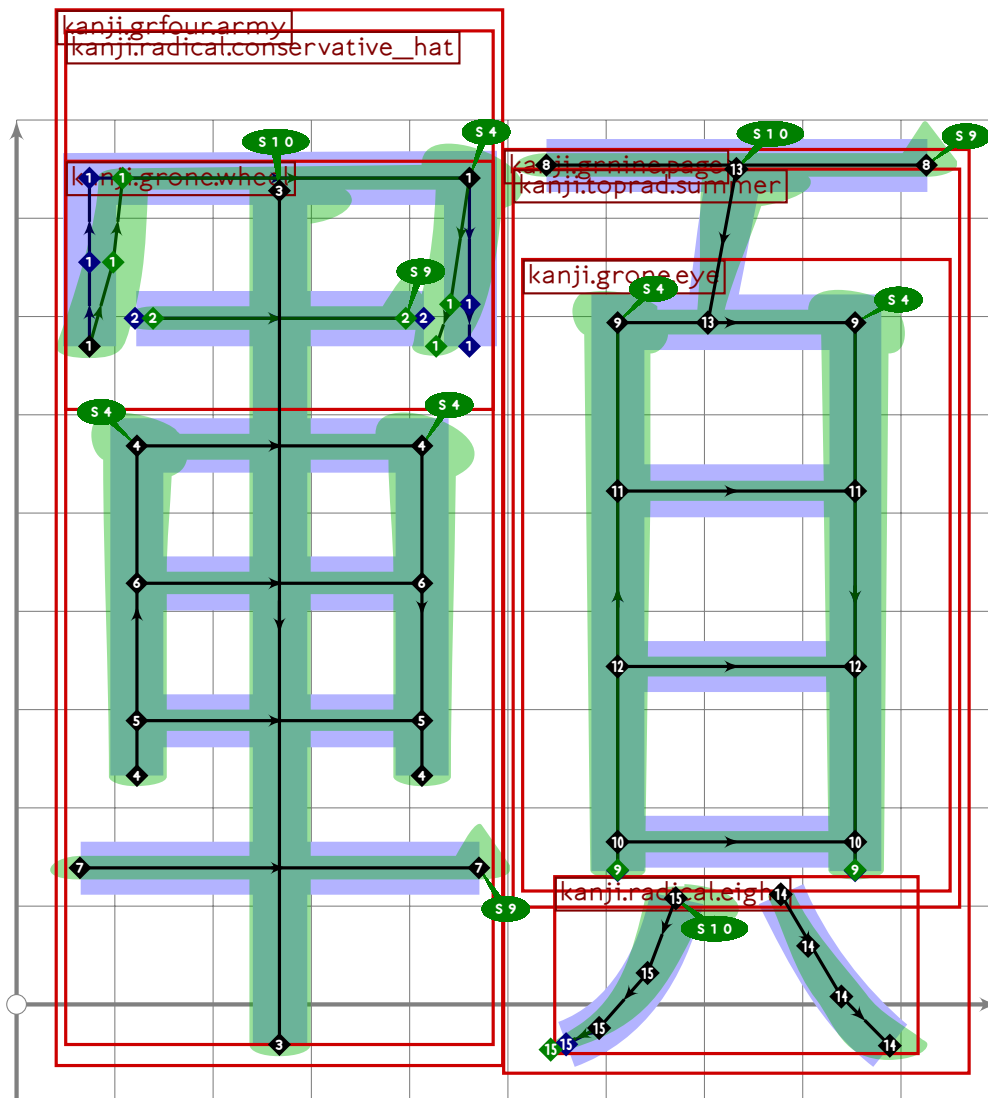
U+9850
tsuku.uni9850

```

615 begintsuglyph("uni984E";78);
616   kanji.greight.chin;
617   tsu_render;
618 endtsuglyph;
619

```

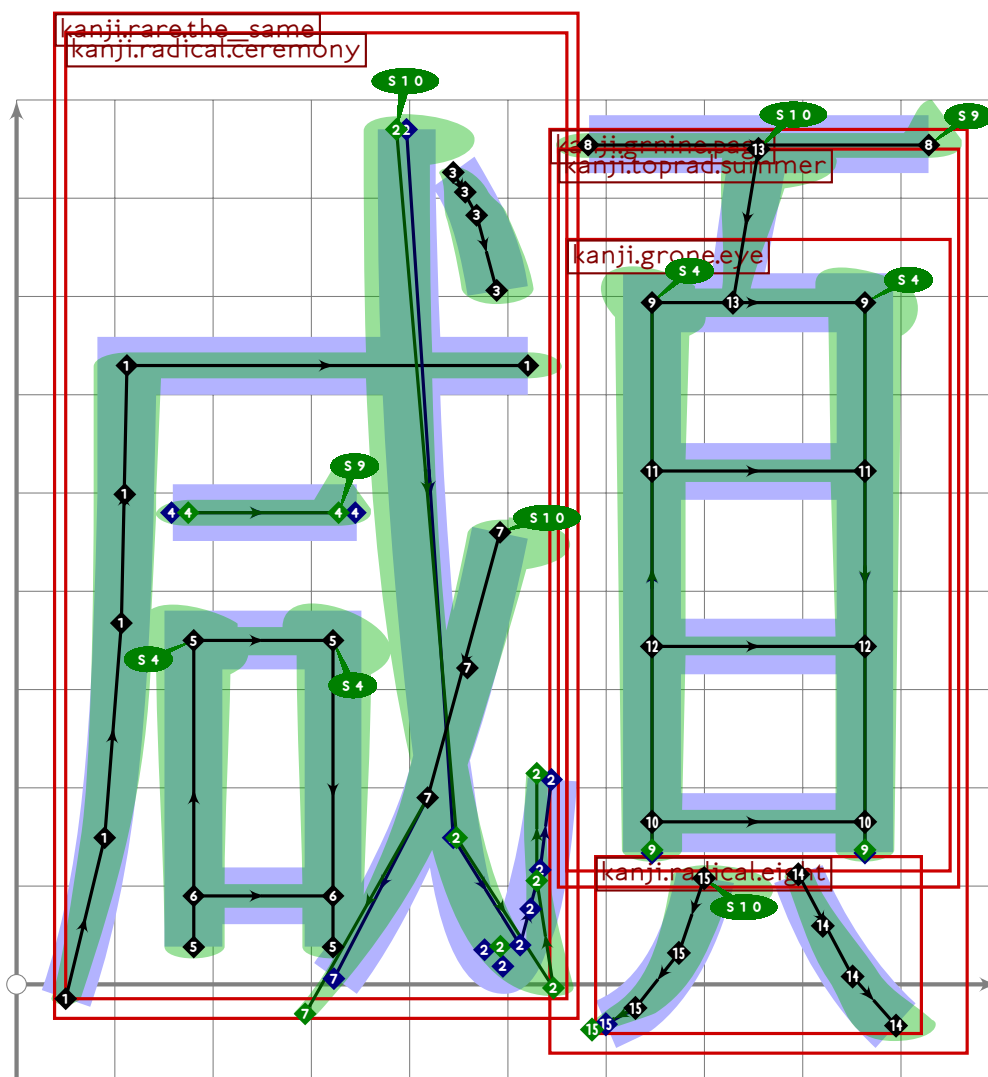
[see page 4291]



```

620 % extra
621 begintsuglyph("uni9850";80);
622   build_kanji.level(build_kanji.lr(500;30)
623     (build_kanji.sscale(yscaled 1.07 shifted (0,40))(kanji.grfour.army))
624     (kanji.grnine.page));
625   tsu_render;
626 endtsuglyph;
627

```



```

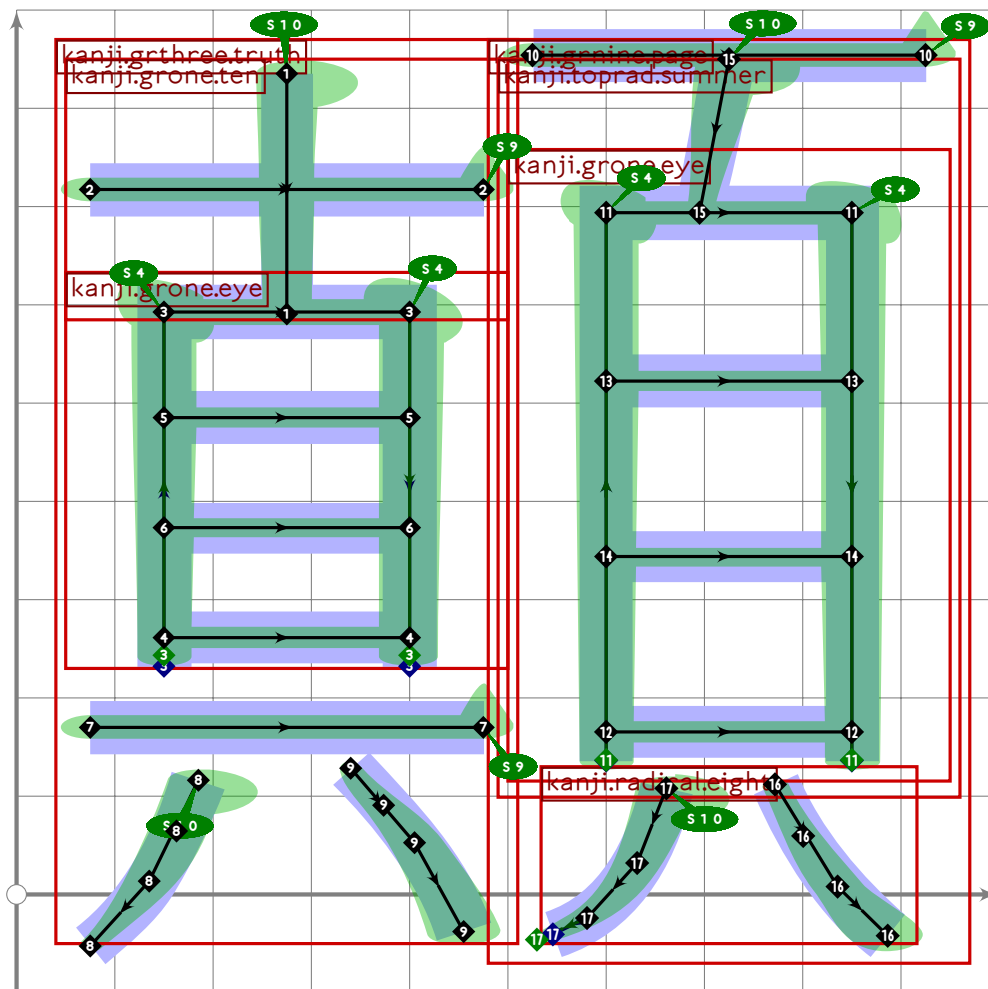
628 % extra
629 begintsuglyph("uni9851";81);
630   build_kanji.level(build_kanji.lr(560,0)
631     (build_kanji.sscale(shifted (0,40))(kanji.rare.the_same))
632     (kanji.grnine.page));
633   tsu_render;
634 endtsuglyph;
635
636 % gen/kao "face"
637 begintsuglyph("uni9854";84);
638   kanji.grtwo.face;
639   tsu_render;
640 endtsuglyph;
641
642 % gan/nega "prayer" (as in onegai, "please," literally "I pray you")
643 begintsuglyph("uni9858";88);
644   kanji.grfour.prayer;
645   tsu_render;
646 endtsuglyph;

```

[see page 4278]

[see page 4284]

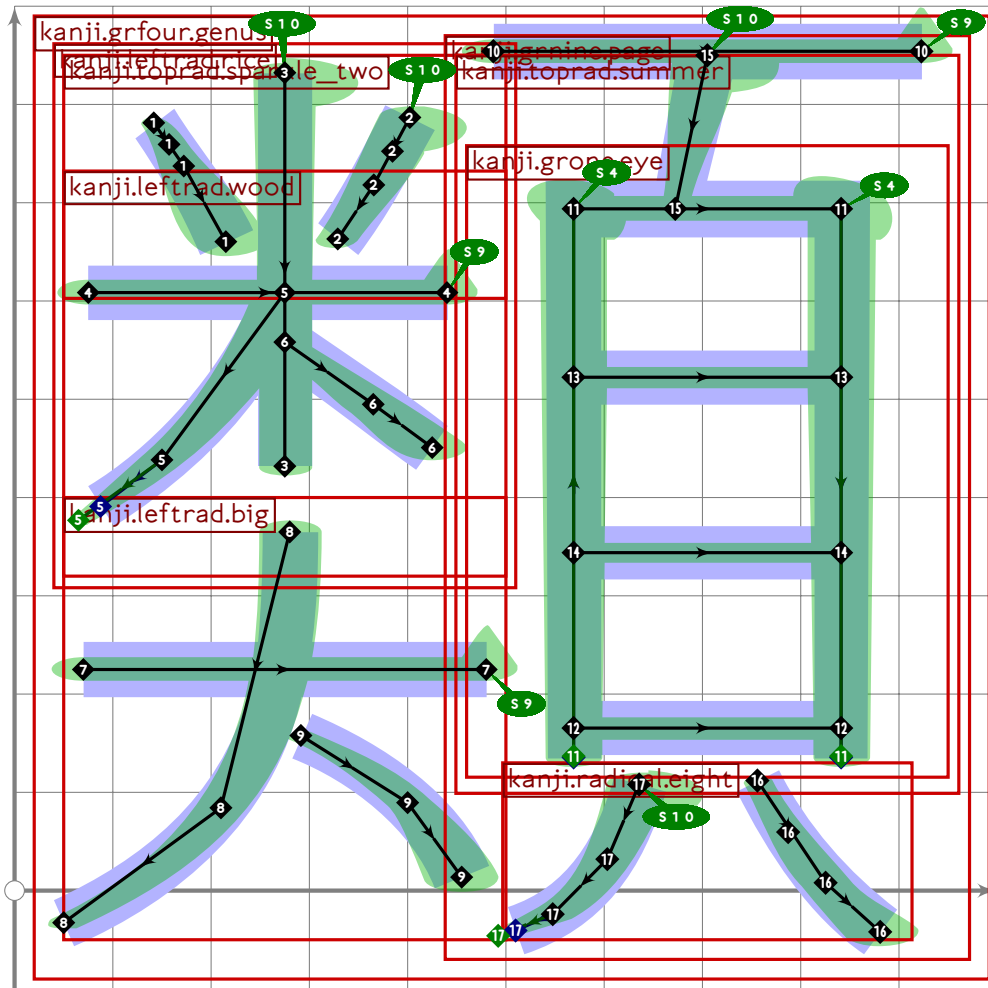
647



```

648 % extra
649 begintsuglyph("uni985B";91);
650   build_kanji.level(build_kanji.lr(500,0)
651     (kanji.grthree.truth)
652     (kanji.grnine.page));
653   tsu_render;
654 endtsuglyph;
655

```

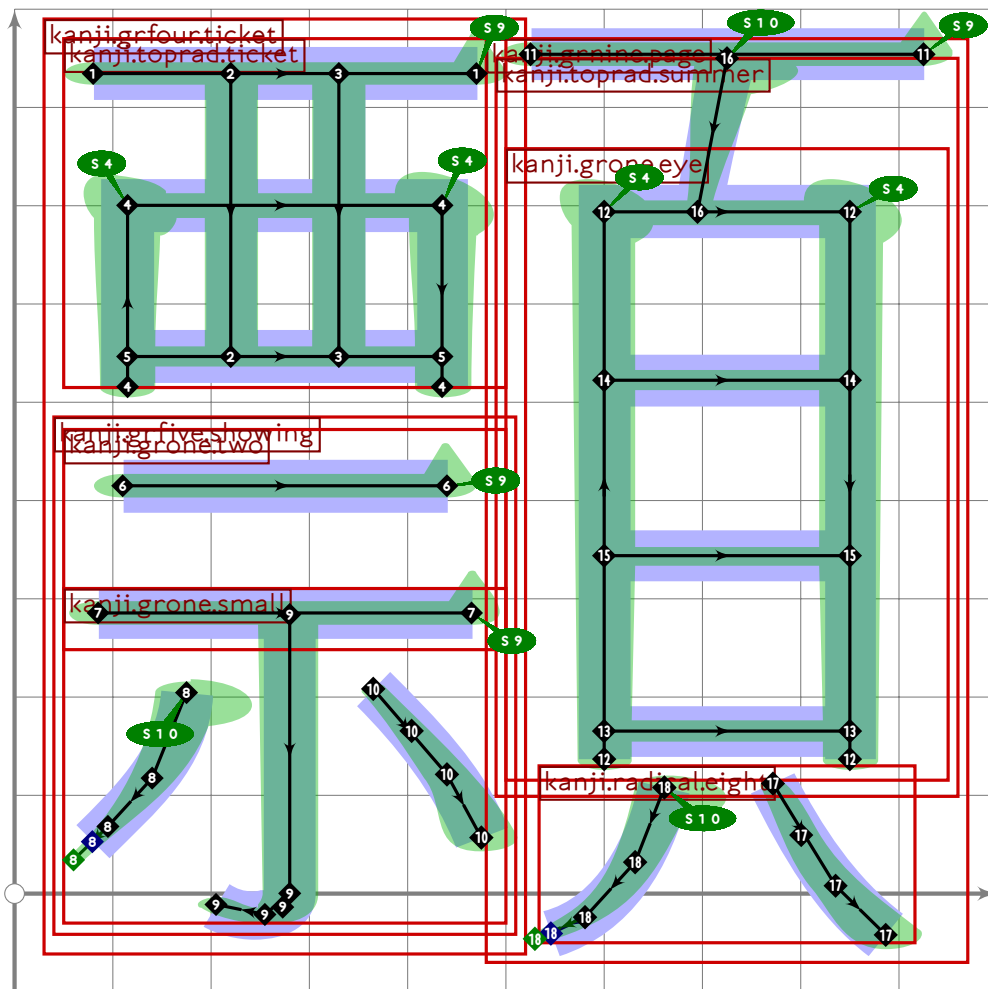


```

656 % rui/tagu "genus"
657 begintsuglyph("uni985E";94);
658   kanji.grfour.genus;
659   tsu_render;
660 endtsuglyph;
661

```

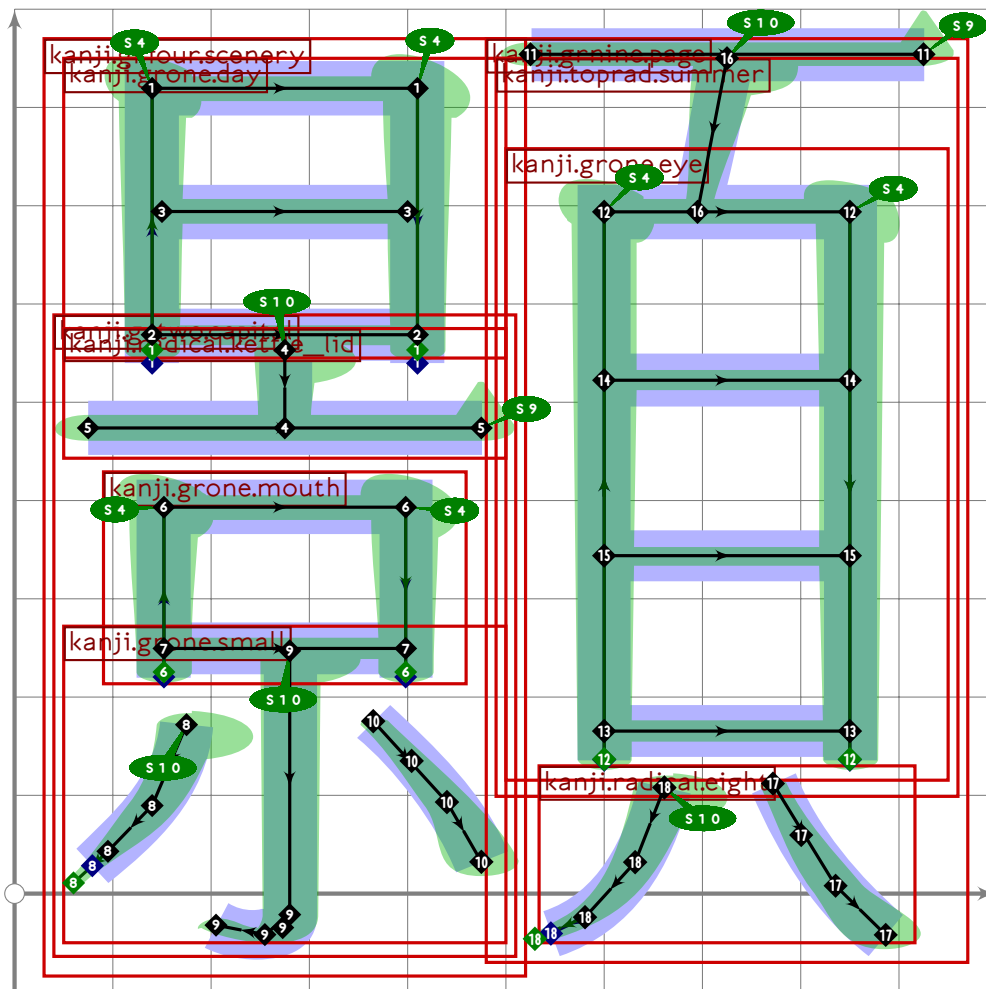
U+9860
tsuku.uni9860



```

662 % extra
663 begintsuglyph("uni9860"96);
664   build_kanji.level(build_kanji.lr(500,0)
665     (build_kanji.sscale(shifted (0,20))(kanji.grfour.ticket))
666     (kanji.grnine.page));
667   tsu_render;
668 endtsuglyph;
669

```

```

670 % extra
671 begintsuglyph("uni9865";101);
672   build_kanji.level(build_kanji.lr(500,0)
673     (kanji.grfour.scenery)
674     (kanji.grnine.page));
675   tsu_render;
676 endtsuglyph;
677
678 % fuu/kaze "wind"
679 begintsuglyph("uni98A8";168);
680   kanji.grtwo.wind;
681   tsu_render;
682 endtsuglyph;
683
684 % hi/to "fly"
685 begintsuglyph("uni98DB";219);
686   kanji.grfour.fly;
687   tsu_render;
688 endtsuglyph;
689
690 % helper for "fly"

```

[see page 596]

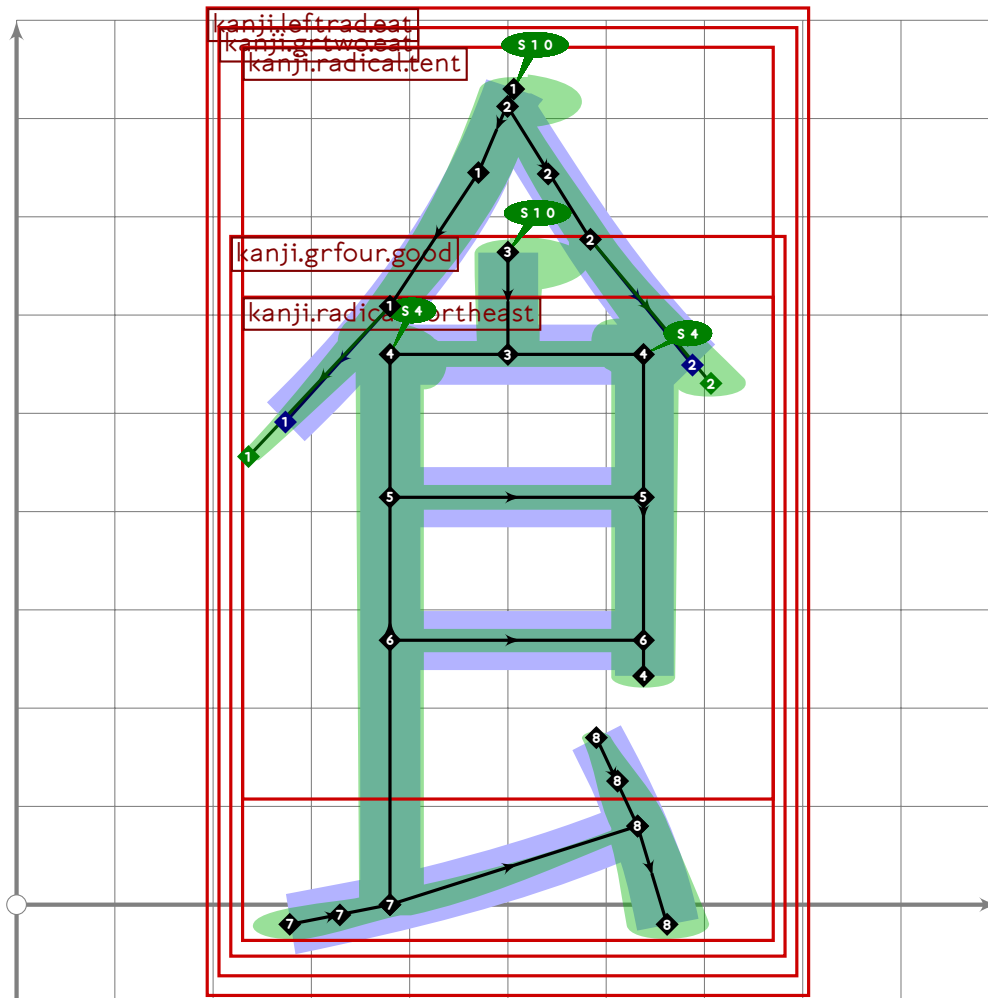
[see page 712]

U+98E0
tsuku.uni98E0

```
691 begintsuglyph("uni98DE";222);  
692 kanji.grfour_helper.fly;  
693 tsu_render;  
694 endtsuglyph;  
695  
696 % shoku/ta "eat"  
697 begintsuglyph("uni98DF";223);  
698 kanji.grtwo.eat;  
699 tsu_render;  
700 endtsuglyph;  
701
```

[see page 711]

[see page 516]



```
702 % simplified "eat" for use as radical  
703 begintsuglyph("uni98E0";224);  
704 build_kanji.sscale(xscaled 0.6)(kanji.leftrad.eat);  
705 tsu_render;  
706 endtsuglyph;  
707  
708 % han/meshi "cooked rice"  
709 begintsuglyph("uni98EF";239);  
710 kanji.grfour.cooked_rice;  
711 tsu_render;
```

[see page 4282]

```
712 endtsuglyph;
713
714 % in/no "drink"
715 begintsuglyph("uni98F2";242); [see page 4280]
716 kanji.grthree.drink;
717 tsu__render;
718 endtsuglyph;
719
720 % shi/kau "keep"
721 begintsuglyph("uni98FC";252); [see page 4288]
722 kanji.grfive.keep;
723 tsu__render;
724 endtsuglyph;
725
726 _____
727
728 endfont;
729
730 _____
```

tsuku-99.mp

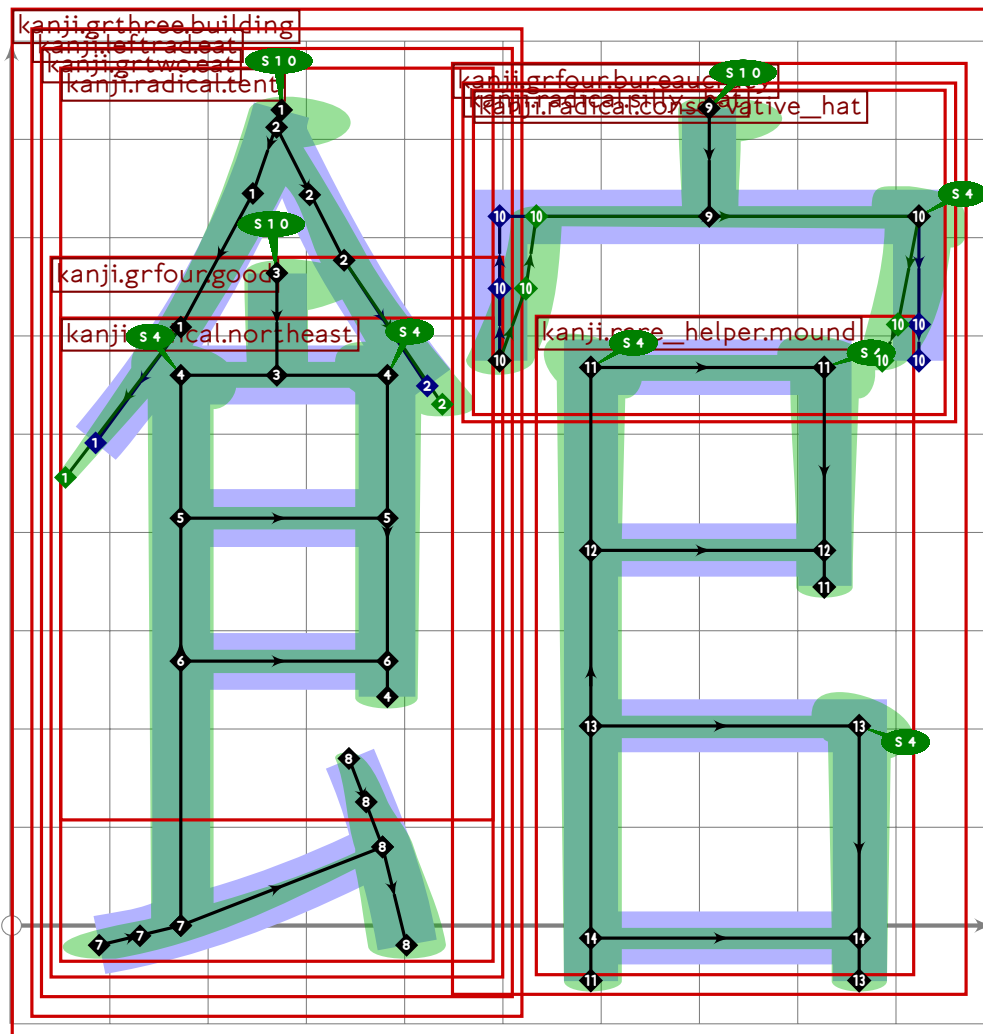
```
1 %
2 % Unicode page 99 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2016, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

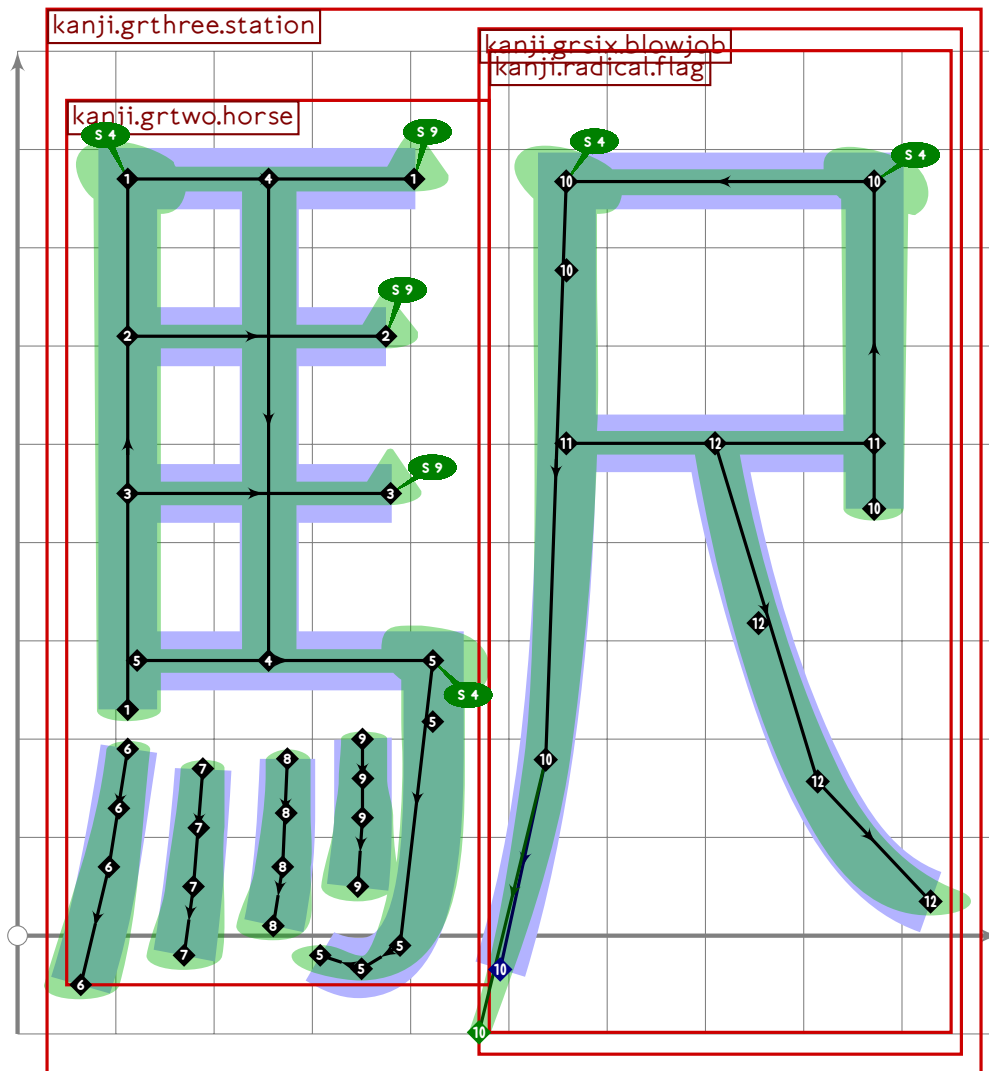

```



```

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

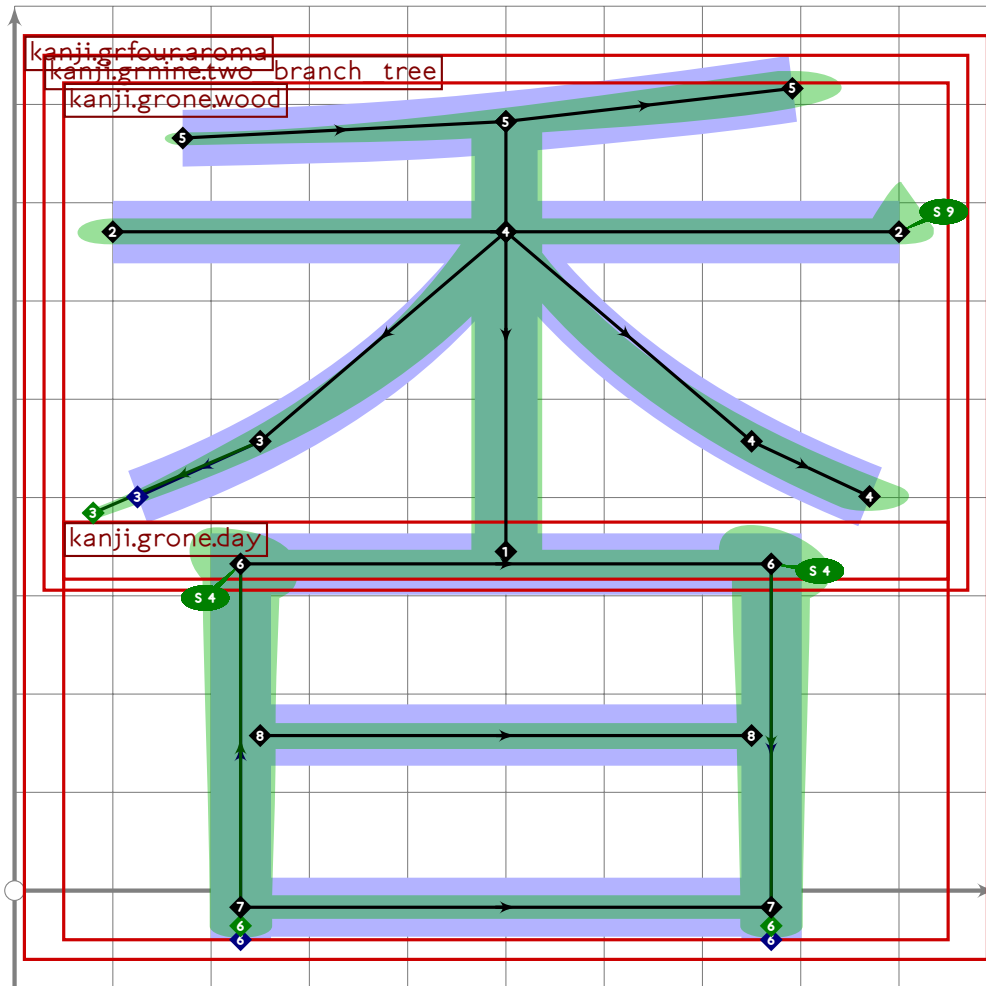
```



```

59
60 vardef kanji.grthree.station =
61   push_pbox_toexpand("kanji.grthree.station");
62   build_kanji.lr(480,0)
63     (kanji.grtwo.horse)
64     (build_kanji.sscale(yscaled 1.11)
65       (kanji.grsix.blowjob));
66   expand_pbox;
67 enddef;
68
69

```



```

70
71 vardef kanji.grfour.aroma =
72   push_pbox_toexpand("kanji.grfour.aroma");
73   build_kanji.tb(360,30)
74   (kanji.grnine.two_branch_tree)
75   (kanji.grone.day);
76   expand_pbox;
77 enddef;
78
79
80
81 % you/yashina "nurture"
82 beginsuglyph("uni990A";10);
83 kanji.grfour.nurture;
84 tsu_render;
85 endtsuglyph;
86
87 % kan/yukata "building"
88 beginsuglyph("uni9928";40);
89 kanji.grthree.building;
90 tsu_render;

```

[see page 734]

[see page 4341]

```

91 endtsuglyph;
92
93 % shu/kubi "neck"
94 begintsuglyph("uni9996";150); [see page 554]
95   kanji.grtwo.neck;
96   tsu_render;
97 endtsuglyph;
98
99 % kou/ka "aroma"
100 begintsuglyph("uni9999";153); [see page 4343]
101   kanji.grfour.aroma;
102   tsu_render;
103 endtsuglyph;
104
105 % ba/uma "horse"
106 begintsuglyph("uni99AC";172); [see page 534]
107   kanji.grtwo.horse;
108   tsu_render;
109 endtsuglyph;
110
111 % eki "station"
112 begintsuglyph("uni99C5";197); [see page 4342]
113   kanji.grthree.station;
114   tsu_render;
115 endtsuglyph;
116
117 _____
118
119 endfont;
120
121 _____

```


tsuku-9a.mp

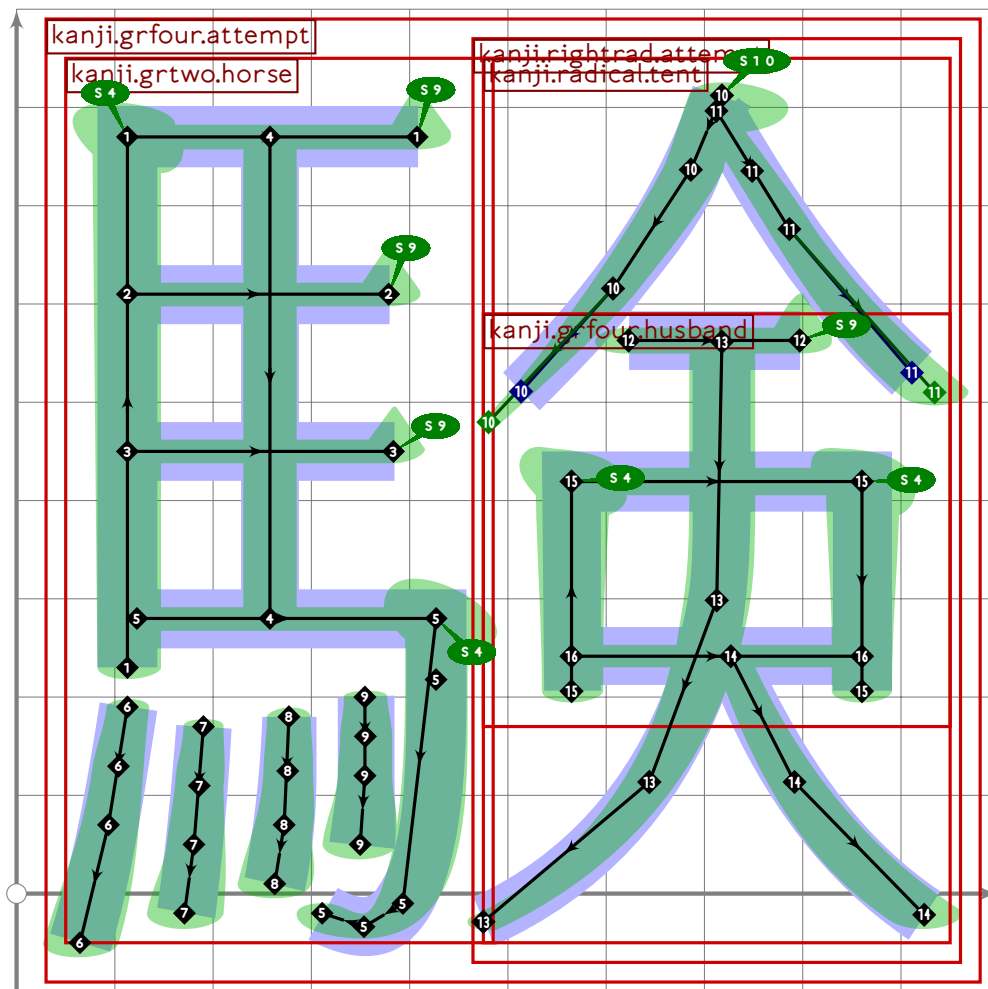
```
1 %
2 % Unicode page 9A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013, 2017 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

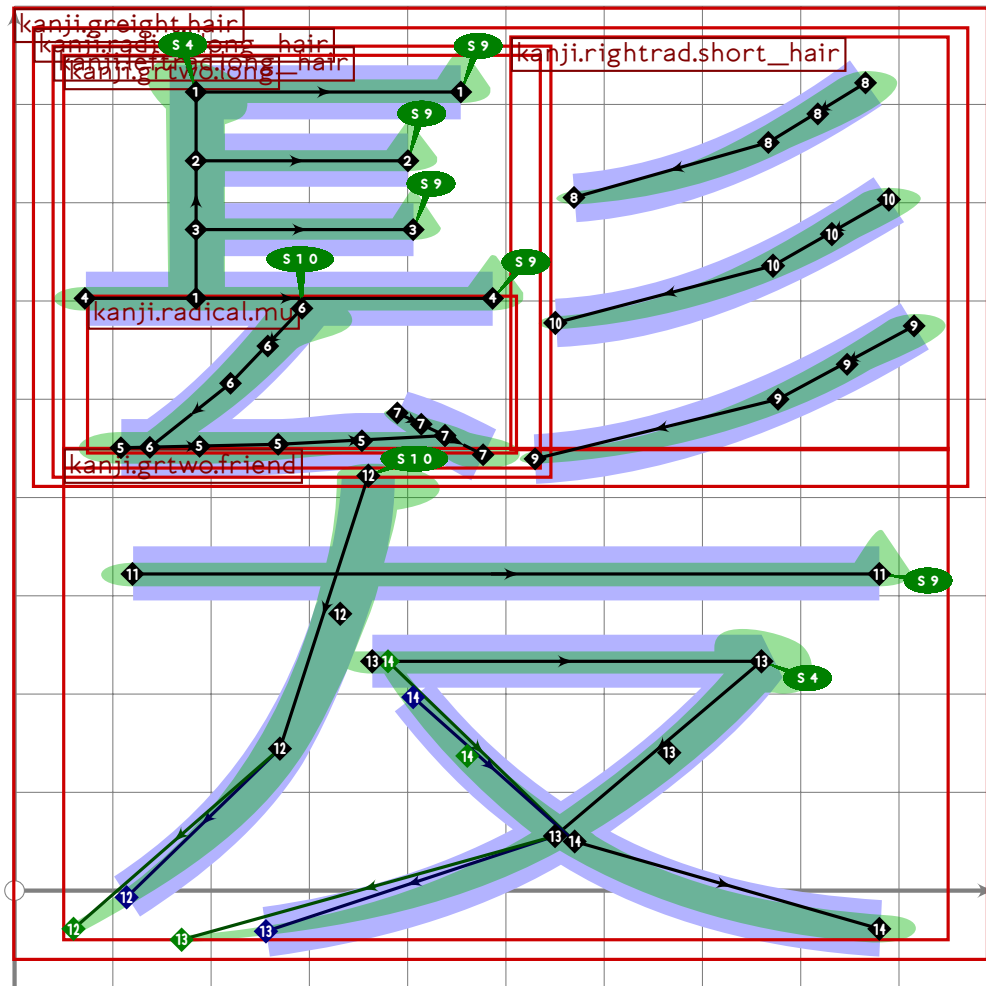

```



```

51
52 vardef kanji.grfour.attempt =
53   push_pbox_toexpand("kanji.grfour.attempt");
54   build_kanji.lr(480,10)
55     (kanji.grtwo.horse)
56     (kanji.rightrrad.attempt);
57   expand_pbox;
58 enddef;
59
60

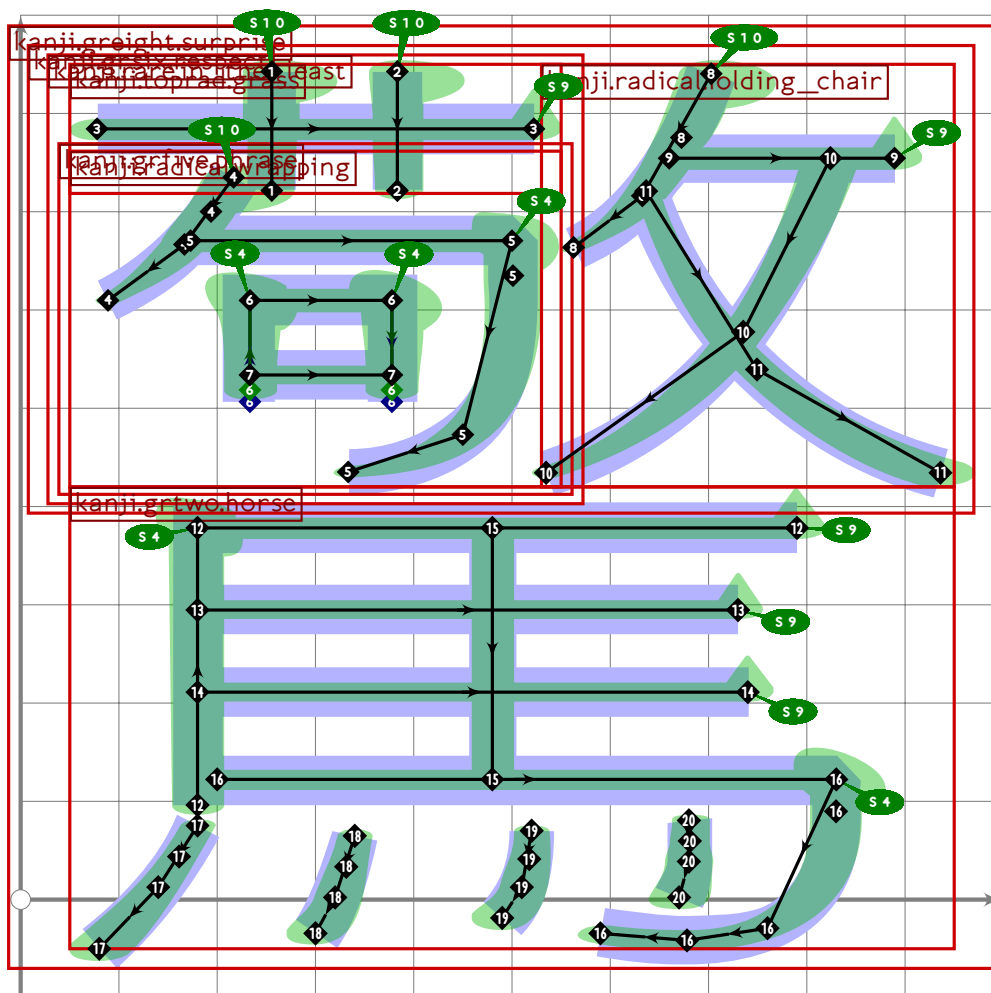
```



```

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

```



```

69
70 vardef kanji.greight.surprise =
71   push_pbox_toexpand("kanji.greight.surprise");
72   build_kanji.thickness(0.9)(build_kanji.level(build_kanji.tb(420,0)
73     (kanji.grsix.respect)
74     (kanji.grtwo.horse)));
75   expand_pbox;
76 enddef;
77
78
79
80 % ken/okashi "attempt"
81 begintsuglyph("uni9A13";19);
82 kanji.grfour.attempt;
83 tsu_render;
84 endtsuglyph;
85
86 % kyou/odoro "surprise"
87 begintsuglyph("uni9A5A";90);
88 kanji.greight.surprise;
89 tsu_render;

```

[see page 4346]

[see page 4348]

```

90 endtsuglyph;
91
92 % kou/taka "high"
93 begintsuglyph("uni9AD8";216); [see page 531]
94   kanji.grtwo.high;
95   tsu_render;
96 endtsuglyph;
97
98 % hyuu/kamigashira "long hair radical"
99 begintsuglyph("uni9ADF";223); [see page 876]
100   kanji.radical.long_hair;
101   tsu_render;
102 endtsuglyph;
103
104 % hatsu/kami "hair of the head"
105 begintsuglyph("uni9AEA";234); [see page 4347]
106   kanji.greight.hair;
107   tsu_render;
108 endtsuglyph;
109
110 _____
111
112 endfont;
113
114 _____

```

tsuku-9b.mp

```
1 %  
2 % Unicode page 9B (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala  
4 %
```

```
5-29 [Standard copyright notice]
```

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

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

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

```
40 input gradetwo.mp;
```

```
41 input leftrad.mp;
```

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

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

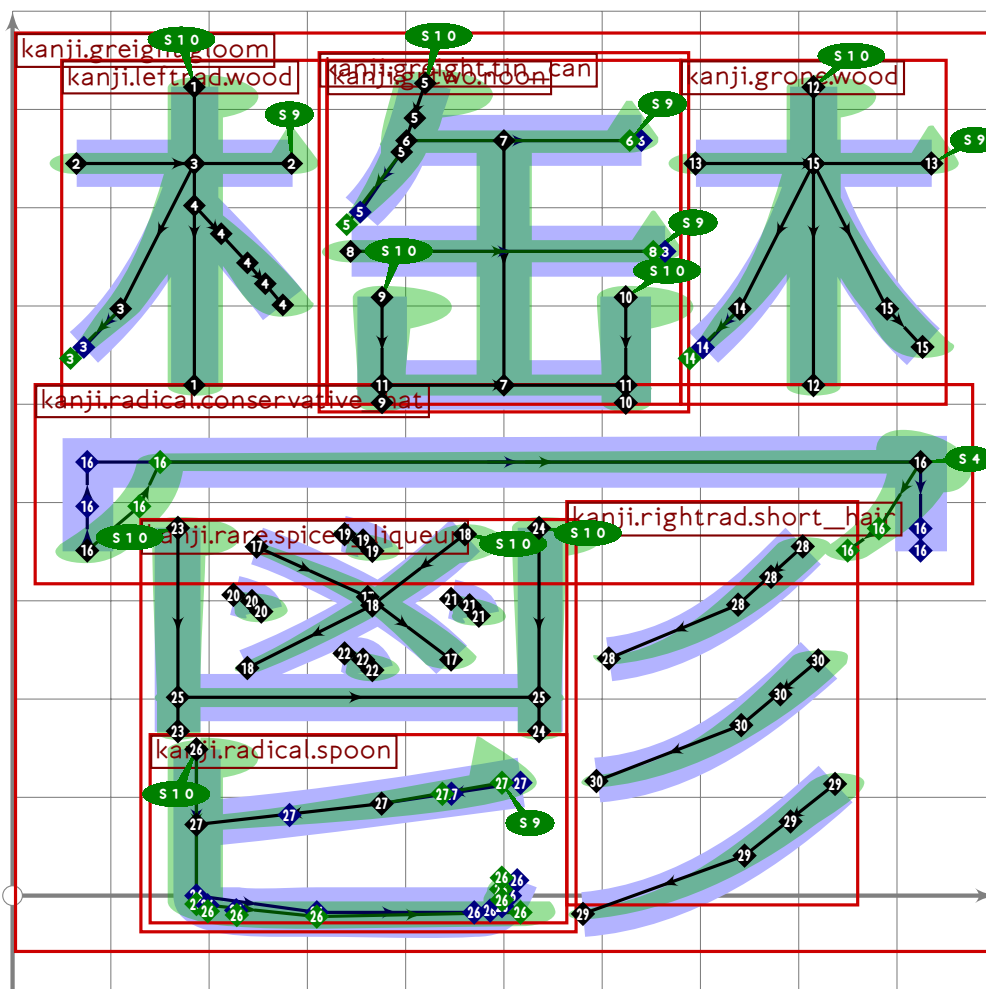
```
44 input rightrad.mp;
```

```
45
```

```
46 do_late_includes;
```

```
47
```

```
48
```



```

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

```

[see page 1093]

```

70  tsu_render;
71  endtsuglyph;
72
73  % utsu "gloom"
74  begintsuglyph("uni9B31";49); [see page 4351]
75  kanji.greight.gloom;
76  tsu_render;
77  endtsuglyph;
78
79  % gyo/sakana "fish"
80  begintsuglyph("uni9B5A";90); [see page 523]
81  kanji.grtwo.fish;
82  tsu_render;
83  endtsuglyph;
84
85  _____
86
87  endfont;
88
89  _____

```


tsuku-9c.mp

```
1 %
2 % Unicode page 9C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
```

5-29 [Standard copyright notice]

30

31

32

33 beginfont

34

35 % AUTODEPS

36 input buildkanji.mp;

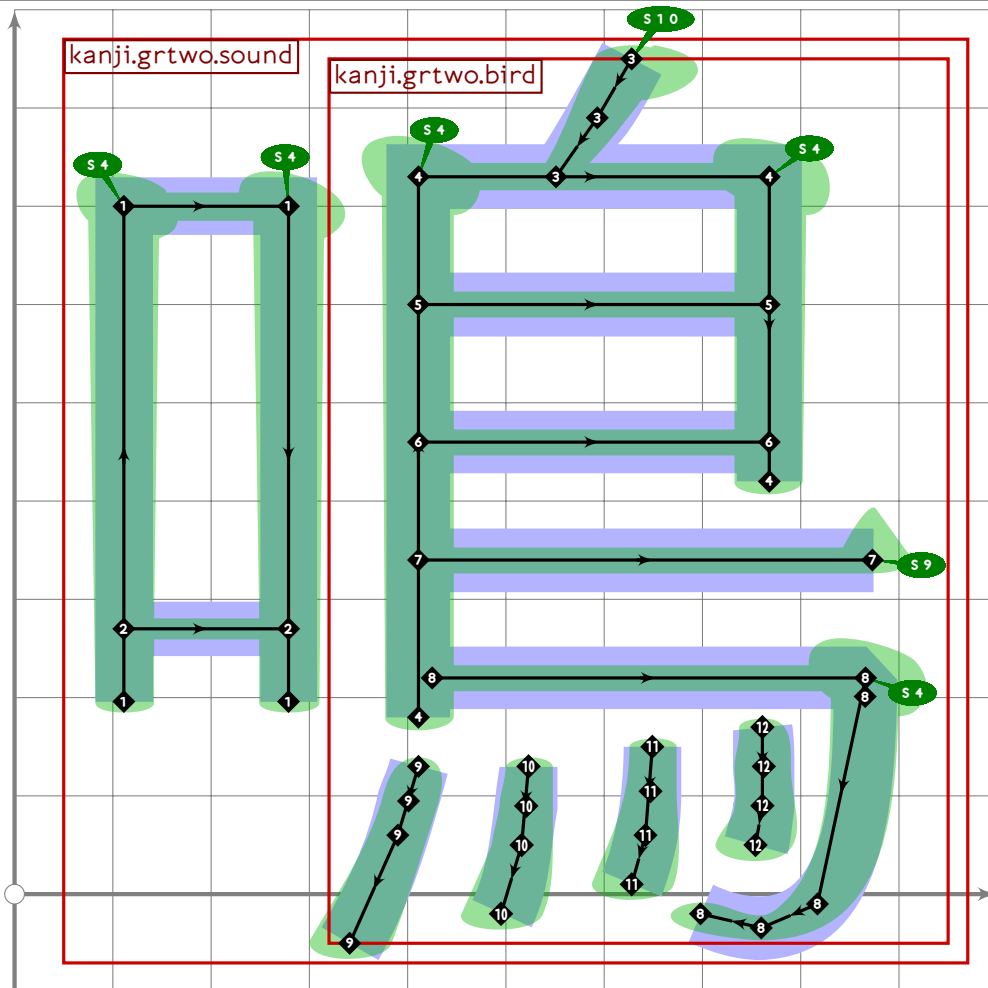
37 input gradetwo.mp;

38

39 do_late_includes;

40

41



42

43 vardef kanji.grtwo.sound =

```

44  push_pbox_toexpand("kanji.grtwo.sound");
45  build_kanji.lr(330,20)
46    (build_kanji.box((240,700),(760,280));
47    replace_strokep(0)(oldp shifted (0,-10)))
48    (kanji.grtwo.bird);
49  expand_pbox;
50 enddef;
51
52 

---


53
54 % chou/tori "bird"
55 begintsuglyph("uni9CE5",229); [see page 498]
56   kanji.grtwo.bird;
57   tsu_render;
58 endtsuglyph;
59
60 % mei/na "sound"
61 begintsuglyph("uni9CF4",244); [see page 4353]
62   kanji.grtwo.sound;
63   tsu_render;
64 endtsuglyph;
65
66 

---


67
68 endfont;
69
70 

---



```

tsuku-9e.mp

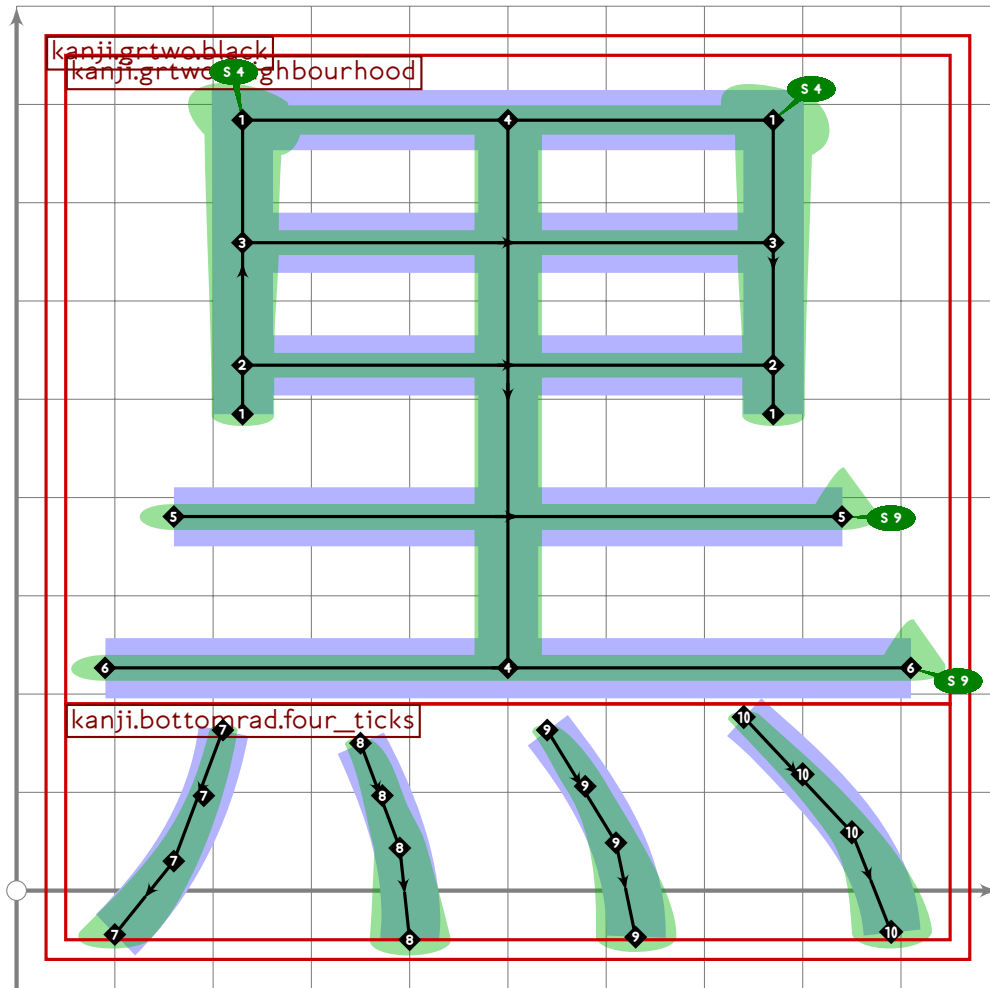
```
1 %
2 % Unicode page 9E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2021 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```



```

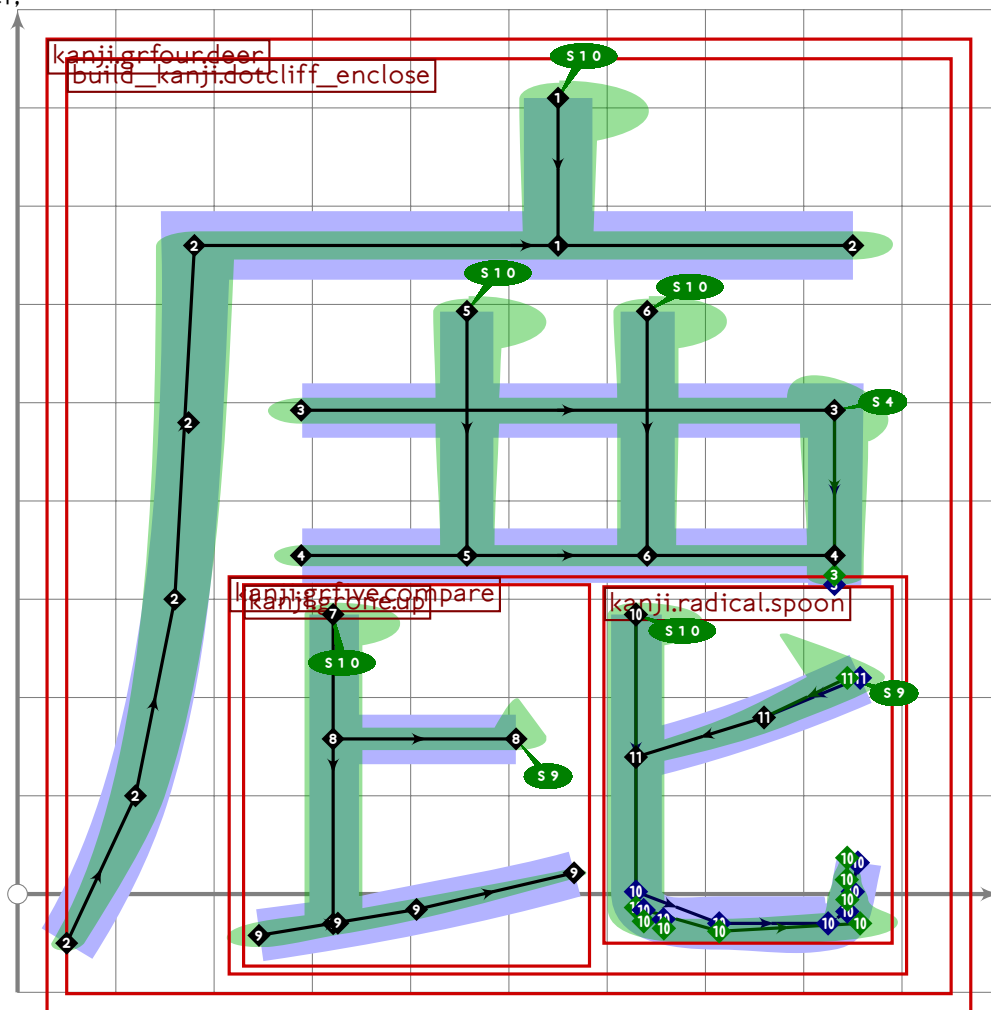
49
50 vardef kanji.grtwo.black =
51   push_pbox_toexpand("kanji.grtwo.black");
52   build_kanji.tb(190,0)
53     (kanji.grtwo.neighbourhood)
54     (kanji.bottomrad.four_ticks);
55   expand_pbox;
56 enddef;
57
58
59
60 vardef hook.deer_top_bottom(expr top_i,bottom_i) =
61   if (obstacktype[top_i]=otstroke) and (obstacktype[bottom_i]=otstroke):
62     if (2=length obstackp[top_i]) and (1=length obstackp[bottom_i]):
63       begingroup;
64       save x,y,p,e;
65       numeric x[],y[],e[];
66       path p[];
67
68       p1=obstackp[top_i];
69       p2=obstackp[bottom_i];

```

```

70
71 z2=(direction 0.5 of p2)/abs(direction 0.5 of p2);
72 z3=(direction 2 of p1)/abs(direction 2 of p1);
73
74 if (abs(z3 dotprod z2)<0.1):
75     point 2 of p1=z5+e2*z3;
76     z5=(point 1 of p2)+whatever*z2;
77     e3=obstackna.bosize[bottom_i]*tsu_brush_max.brletter
78         *tsu_brush_shape.brletter*0.5;
79
80     if e2<e3:
81         p1:=(subpath (0,1) of p1)-(z5+e3*z3);
82         fi;
83         obstackp[top_i]:=p1;
84     fi;
85 endgroup;
86 fi;
87 fi;
88 enddef;

```



89

```

90 vardef kanji.grfour.deer =
91   push_pbox_toexpand("kanji.grfour.deer");
92   build_kanji.dotcliff_enclose(build_kanji.tb(440,20)
93     (push_stroke((130,440)-(870,440)-(870,-60))
94       ((1.7,1.7)-(1.7,1.7)-(1.5,1.5));
95     set_botip(0,1,1);
96     set_boserif(0,1,4);
97     push_stroke((130,0)-(870,0),(1.5,1.5)-(1.5,1.5));
98     push_hook(hsmain_render,
99       "hook.deer_top_bottom("&(decimal find_stroke(-1))&"
100         &(decimal find_stroke(0))&");" );
101     push_stroke((360,740)-(360,0),(1.7,1.7)-(1.5,1.5));
102     set_boserif(0,0,10);
103     push_stroke((610,740)-(610,0),(1.7,1.7)-(1.5,1.5));
104     set_boserif(0,0,10))
105     (kanji.grfive.compare));
106   expand_pbox;
107 enddef;
108
109
110
111 % roku/shika "deer"
112 begintsuglyph("uni9E7F",127); [see page 4358]
113   kanji.grfour.deer;
114   tsu_render;
115 endtsuglyph;
116
117 % baku/mugi "wheat"
118 begintsuglyph("uni9EA6",166); [see page 594]
119   kanji.grtwo.wheat;
120   tsu_render;
121 endtsuglyph;
122
123 % kou/ki "yellow"
124 begintsuglyph("uni9EC4",196); [see page 599]
125   kanji.grtwo.yellow;
126   tsu_render;
127 endtsuglyph;
128
129 % koku/kuro "black"
130 begintsuglyph("uni9ED2",210); [see page 4356]
131   kanji.grtwo.black;
132   tsu_render;
133 endtsuglyph;
134
135
136
137 endfont;

```


tsuku-9f.mp

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

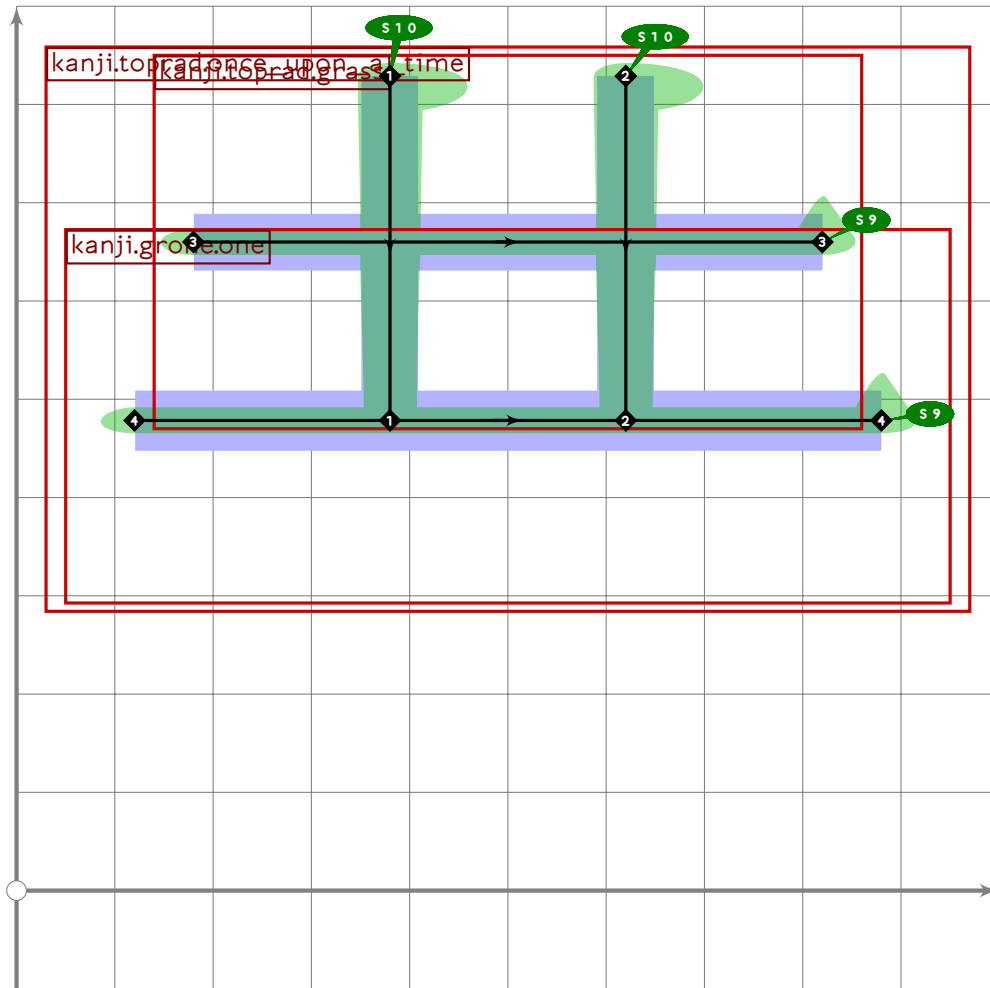
---


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

---


46
47 % bi/hana "nose"
48 begintsuglyph("uni9F3B",59);
49   kanji.grthree.nose;
50   tsu_render;
51 endtsuglyph;
52
```

[see page 655]



53 % extra: top radical from "once upon a time"

54 begintsuglyph("uni9FB7",183);

55 build_kanji.tb(420;100)

56 (kanji.toprad.once_upon_a_time)

57 ();

58 tsu_render;

59 endtsuglyph;

60

61

62

63 endfont;

64

65