

作りましょう 0.8

パラメタ方式フォントファミリ
校とプリティプリントのソース

Tsukurimashou 0.8

Parametric Font Family
Proofs and pretty-printed
source code

Matthew Skala

mskala@ansuz.sooke.bc.ca

2013年8月26日

August 26, 2013

Proofs and pretty-printed source code for Tsukurimashou
Copyright © 2011, 2012, 2013 Matthew Skala

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, version 3.

As a special exception, if you create a document which uses this font, and embed this font or unaltered portions of this font into the document, this font does not by itself cause the resulting document to be covered by the GNU General Public License. This exception does not however invalidate any other reasons why the document might be covered by the GNU General Public License. If you modify this font, you may extend this exception to your version of the font, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Contents

I Infrastructure	13
preintro.mp	15
Infrastructure	15
Font Parameter Defaults	16
tsuku-bk.mp	18
tsuku-kg.mp	19
tsuku-mg.mp	20
tsuku-mi.mp	21
tsuku-ps.mp	22
tsuku-bq.mp	23
tsuku-dq.mp	24
tsuku-el.mp	25
tsuku-eq.mp	26
tsuku-lw.mp	27
intro.mp	28
fntbase.mp	46
General Library Functions	46
Prefix And Suffix Handling	53
A Module That Finds An Envelope Of A Path Drawn With A Pen	55
Postscript Font Generation	67
obstack.mp	89
Object Stack Data	89
Object Stack Methods	90
frac-intro.mp	95
latin-intro.mp	97
accent.mp	101
bcircle.mp	112
bkencl.mp	115
buildkanji.mp	121
dakuten.mp	134
enclosed.mp	135
genjimon.mp	137
hiragana.mp	149
Hiragana Vowels	149
Hiragana Kakikukeko/Gagigugego	154
Hiragana Sashisuseso/Zajizuzezo	158

Hiragana Tachitsuteto/Dajizudedo	164
Hiragana Naninuneno	169
Hiragana Hahifuheho/Babibubebo/Papipupepo	174
Hiragana Mamimumemo	179
Hiragana Yayuyo	185
Hiragana Rarirurero	187
Hiragana Wawiwewo/N/Iteration	193
iching.mp	201
katakana.mp	203
Katakana Vowels	203
Katakana Kakikukeko/Gagigugego	207
Katakana Sashisuseso/Zajizuzezo	212
Katakana Tachitsuteto/Dajizudedo	217
Katakana Naninuneno	222
Katakana Hahifuheho/Babibubebo/Papipupepo	227
Katakana Mamimumemo	233
Katakana Yayuyo	237
Katakana Rarirurero	240
Katakana Wawiwewo/N/Iteration	246
latin.mp	252
numerals.mp	341
ogonek.mp	352
punct.mp	364
serif.mp	406
 II Shared kyouiku kanji	 413
gradeone.mp	415
gradetwo.mp	483
gradethree.mp	558
gradefour.mp	601
gradefive.mp	637
gradesix.mp	655
 III Other shared kanji	 669
bottomrad.mp	671
leftrad.mp	674
radical.mp	684
rightrad.mp	722
toprad.mp	727

gradeeight.mp	734
gradenine.mp	780
rare.mp	808

IV U+0000 to U+2FFF 859

tsuku-00.mp	861
Ascii	861
Latin-1 Extra Characters	955
Accented Latin	976
tsuku-01.mp	1034
Latin Extended A Uppercase	1034
Latin Extended A Lowercase	1089
Latin Extended A Other	1147
tsuku-02.mp	1149
Latin Extended B	1149
Spacing Modifier Letters	1150
tsuku-03.mp	1159
Combining Diacritical Marks	1159
tsuku-20.mp	1174
General Punctuation	1174
tsuku-21.mp	1191
Symbols Required By Mes-1	1191
tsuku-24.mp	1197
Circled Numerals	1197
Circled Latin And Zero	1217
Inverted Circled Numerals	1270
Doubly Circled Numerals	1280
One More Inverted Circled Numeral	1290
tsuku-25.mp	1292
Geometric Shapes	1292
tsuku-26.mp	1294
I Ching	1294
tsuku-27.mp	1311
Inverted Circled Numerals	1311
tsuku-2e.mp	1322
Cjk Radicals Supplement	1322
tsuku-2f.mp	1360
Kangxi Radicals	1360
Ideographic Description Characters	1480

V	U+3000 to U+4DFF	1495
	tsuku-30.mp	1497
	Ideographic Symbols And Punctuation	1497
	Hiragana	1517
	Katakana	1562
	tsuku-31.mp	1609
	Phonetic Extensions For Ainu	1609
	tsuku-32.mp	1626
	Circled Numerals	1626
	Circled Katakana	1656
	tsuku-34.mp	1704
	tsuku-4d.mp	1705
	I Ching	1705
VI	U+4E00 to U+61FF	1771
	tsuku-4e.mp	1773
	tsuku-4f.mp	1809
	tsuku-50.mp	1865
	tsuku-51.mp	1878
	tsuku-52.mp	1895
	tsuku-53.mp	1928
	tsuku-54.mp	1957
	tsuku-55.mp	1968
	tsuku-56.mp	1974
	tsuku-57.mp	1984
	tsuku-58.mp	1994
	tsuku-59.mp	2003
	tsuku-5a.mp	2017
	tsuku-5b.mp	2019
	tsuku-5c.mp	2054
	tsuku-5d.mp	2078
	tsuku-5e.mp	2088
	tsuku-5f.mp	2127
	tsuku-60.mp	2186
	tsuku-61.mp	2235
VII	U+6200 to U+75FF	2243
	tsuku-62.mp	2245
	tsuku-63.mp	2266

tsuku-65.mp	2274
tsuku-66.mp	2300
tsuku-67.mp	2317
tsuku-68.mp	2336
tsuku-69.mp	2345
tsuku-6a.mp	2352
tsuku-6b.mp	2358
tsuku-6c.mp	2373
tsuku-6d.mp	2424
tsuku-6e.mp	2439
tsuku-6f.mp	2453
tsuku-70.mp	2458
tsuku-71.mp	2464
tsuku-72.mp	2472
tsuku-73.mp	2485
tsuku-74.mp	2486
tsuku-75.mp	2490

VIII U+7600 to U+89FF	2503
tsuku-76.mp	2505
tsuku-77.mp	2512
tsuku-78.mp	2522
tsuku-79.mp	2524
tsuku-7a.mp	2540
tsuku-7b.mp	2550
tsuku-7c.mp	2565
tsuku-7d.mp	2569
tsuku-7f.mp	2587
tsuku-80.mp	2592
tsuku-81.mp	2601
tsuku-82.mp	2607
tsuku-83.mp	2640
tsuku-84.mp	2654
tsuku-85.mp	2659
tsuku-86.mp	2661
tsuku-87.mp	2662
tsuku-88.mp	2664
tsuku-89.mp	2691

IX	U+8A00 to U+9FFF	2707
	tsuku-8a.mp	2709
	tsuku-8b.mp	2766
	tsuku-8c.mp	2770
	tsuku-8d.mp	2781
	tsuku-8e.mp	2785
	tsuku-8f.mp	2790
	tsuku-90.mp	2804
	tsuku-91.mp	2824
	tsuku-92.mp	2836
	tsuku-93.mp	2840
	tsuku-95.mp	2844
	tsuku-96.mp	2862
	tsuku-97.mp	2885
	tsuku-98.mp	2889
	tsuku-99.mp	2903
	tsuku-9a.mp	2908
	tsuku-9b.mp	2913
	tsuku-9c.mp	2916
	tsuku-9e.mp	2918
	tsuku-9f.mp	2921
X	U+A000 to U+10FFFF	2923
	tsuku-f7.mp	2925
	Latin Small Caps	2925
	tsuku-f9.mp	2952
	tsuku-ff.mp	2954
	Full-Width Forms	2954
	Half-Width Punctuation	2980
	Half-Width Katakana	2983
	tsuku-1f1.mp	3047
	Squared Latin	3047
	Inverse Circled Latin	3073
	Inverse Squared Latin	3099
	tsuku-200.mp	3126
	tsuku-20a.mp	3127
	tsuku-21c.mp	3128
	tsuku-295.mp	3129
	tsuku-f17.mp	3130

Combining Dots For I Ching	3130
Miscellaneous	3139
Tomoe Ornaments	3145
Heavy Metal Umlaut	3153
Genjimon	3170
tsuku-ff0.mp	3224
Fraction Numerators	3224
tsuku-ff1.mp	3231
Fraction Denominators	3231
 XI Jieubsida core	 3233
hangul.mp	3235
Jamo Combining Operations	3237
jamo-basic.mp	3245
Filler Jamo	3245
Sios/Cieuc/Chieuch Family	3245
Kiyeok	3248
Nieun	3249
Tikeut	3251
Rieul	3253
Mieum	3254
Pieup	3255
Sios	3256
Ieung	3256
Cieuc	3257
Chieuch	3258
Khieukh	3259
Thieuth	3260
Phieuph	3261
Hieuh	3263
Mixed Tails	3264
Vowels	3265
jamo-extra.mp	3274
Pansios	3277
Yesieung	3277
Yeorinhieuh	3278
Chitueum And Ceongchieum Variants	3280
Kapyeoun Variants	3281
hglxtb.mp	3282

Hangul Extension B	3282
Hangul Jungseong (Vowel) Jamo Extension B	3282
Hangul Jongseong (Tail) Jamo Extension B	3305
jieub-bt.mp	3355
jieub-do.mp	3356
jieub-sm.mp	3357
hglpage.mp	3358
jieub-l1.mp	3360
Hangul Choseong (Lead) Jamo	3360
Hangul Jungseong (Vowel) Jamo	3455
Hangul Jongseong (Tail) Jamo	3526
jieub-31.mp	3615
Hangul Compatibility Jamo	3615
jieub-a9.mp	3709
Hangul Choseong (Lead) Jamo Extended A	3709
jieub-ac.mp	3739
 XII Jieubsida alternates	 3793
jieub-ff2.mp	3795
Hangul Jungseong (Vowel) Jamo	3795
Hangul Jungseong (Vowel) Jamo Extension B	3866
jieub-ff3.mp	3890
Hangul Choseong (Lead) Jamo	3890
jieub-ff4.mp	4015
Hangul Choseong (Lead) Jamo	4015
jieub-ff5.mp	4140
Hangul Choseong (Lead) Jamo	4140
jieub-ff6.mp	4265
Hangul Choseong (Lead) Jamo	4265
jieub-ff7.mp	4390
Hangul Choseong (Lead) Jamo	4390
Hangul Choseong (Lead) Jamo Extended A	4485
 XIII TsuIta	 4515
tsuita-common.mp	4517
tsuita-at.mp	4528
tsuita-so.mp	4529
Additional Proofs	4531

XIV	Blackletter Lolita	4585
	bll.mp	4587
	bll-co.mp	4592
	pentacross.mp	4593
	Utilities For Pentagrams And Crosses	4593
	bll-f5c.mp	4595
	Pentagrams	4595

Volume VI

U+4E00 to U+61FF

tsuku-4e.mp **4E**

tsuku-4f.mp **4F**

tsuku-50.mp **50**

tsuku-51.mp **51**

tsuku-52.mp **52**

tsuku-53.mp **53**

tsuku-54.mp **54**

tsuku-55.mp **55**

tsuku-56.mp **56**

tsuku-57.mp **57**

tsuku-58.mp **58**

tsuku-59.mp **59**

tsuku-5a.mp **5A**

tsuku-5b.mp **5B**

tsuku-5c.mp **5C**

tsuku-5d.mp **5D**

tsuku-5e.mp **5E**

tsuku-5f.mp **5F**

tsuku-60.mp **60**

tsuku-61.mp **61**

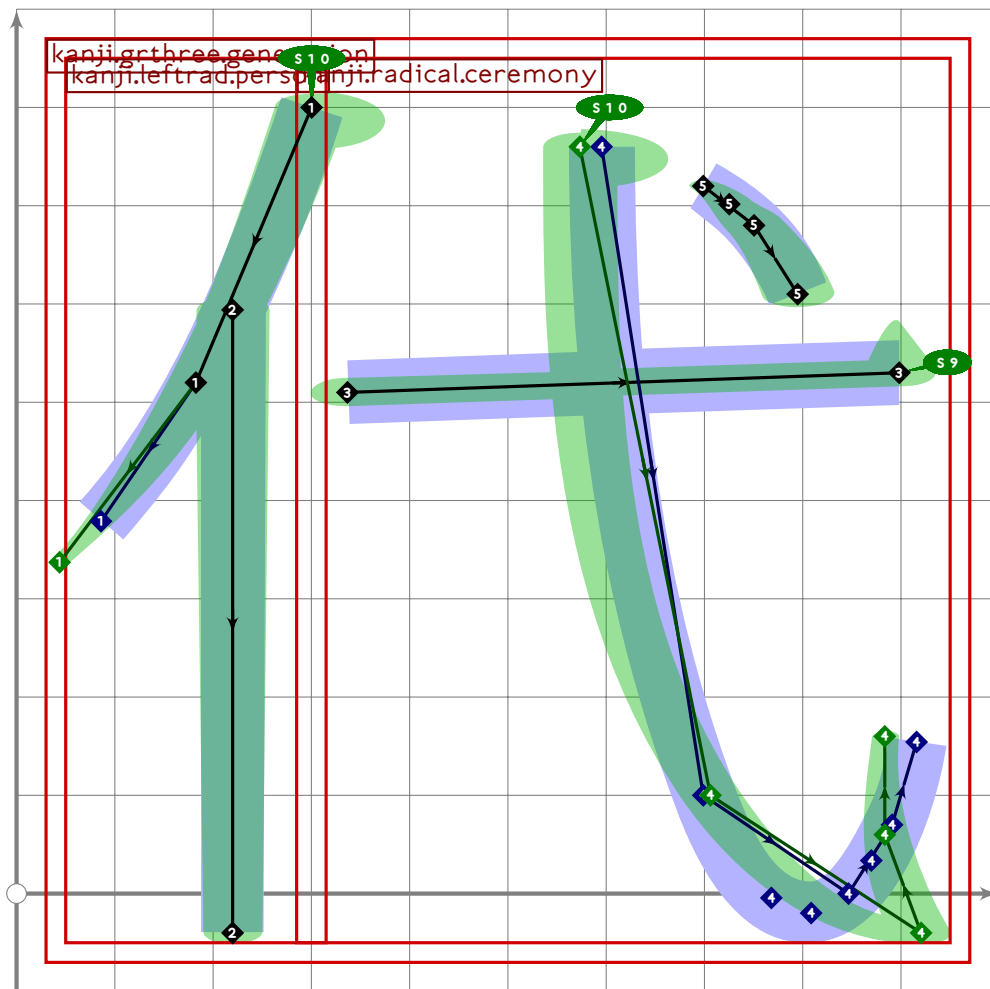

```
1 %
2 % Unicode page 4E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

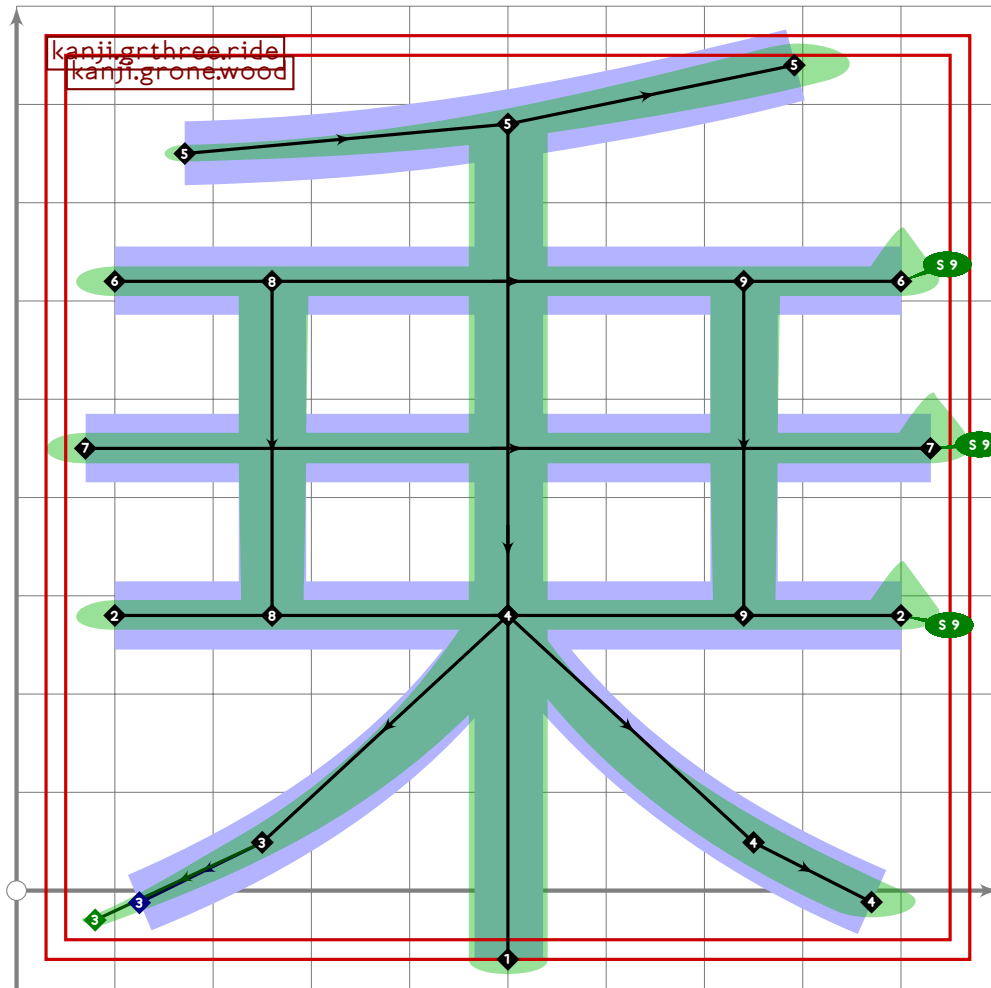

```



```

53
54 vardef kanji.grthree.generation =
55   push_pbox__toexpand("kanji.grthree.generation");
56   build_kanji.lr(300,30)
57     (kanji.leftrad.person)
58     (kanji.radical.ceremony);
59   expand_pbox;
60 enddef;

```

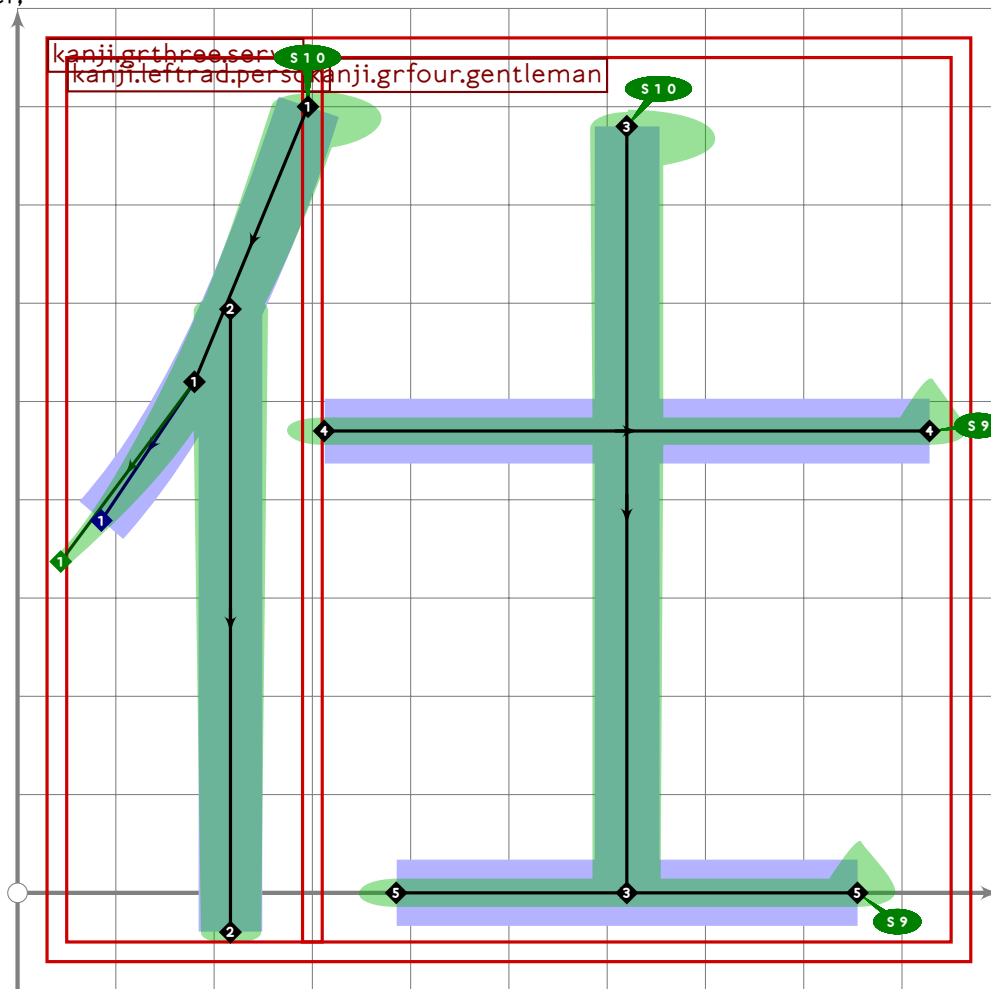



```

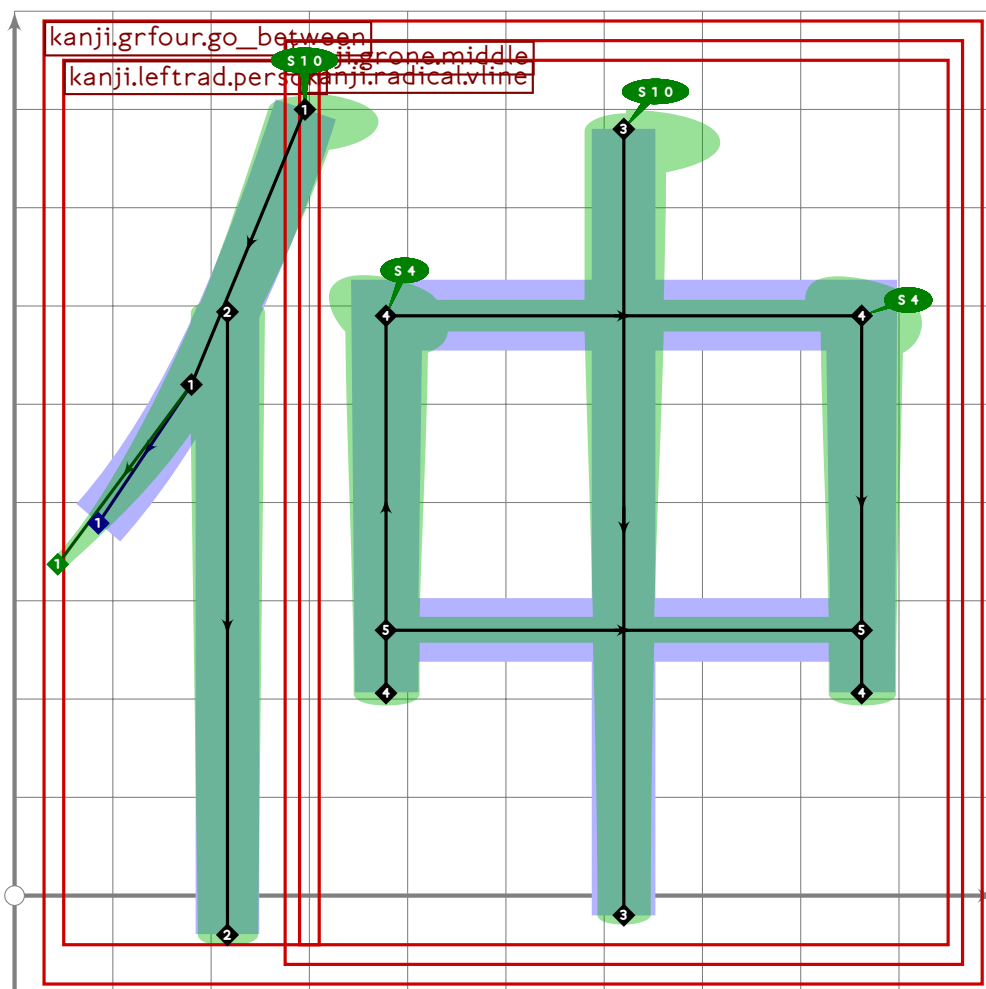
61
62 vardef kanji.grthree.ride =
63   push_pbox_toexpand("kanji.grthree.ride");
64   build_kanji.add_beret(kanji.grone.wood);
65   begingroup
66     save myxf;
67     transform myxf;
68     (80,70) transformed myxf=(80,30);
69     (920,70) transformed myxf=(920,30);
70     (80,580) transformed myxf=(80,280);
71     replace_strokep(-4)((point 0 of oldp)-(500,70));
72     replace_strokep(-2)(oldp transformed myxf);
73     replace_strokep(-1)(oldp transformed myxf);
74     push_stroke(get_strokep(-3) shifted (0,620-580),get_strokeq(-3));
75     set_boserif(0,1,9);
76     replace_strokep(-4)(oldp shifted (0,280-580));
77     push_stroke((70,450)-(930,450),(1.6,1.6)-(1.6,1.6));
78     set_boserif(0,1,9);
79     push_stroke((260,620)-(260,280),(1.5,1.5)-(1.4,1.4));
80     push_stroke((740,620)-(740,280),(1.5,1.5)-(1.4,1.4));
81   endgroup;

```

```
82  expand_pbox;
83  enddef;
```

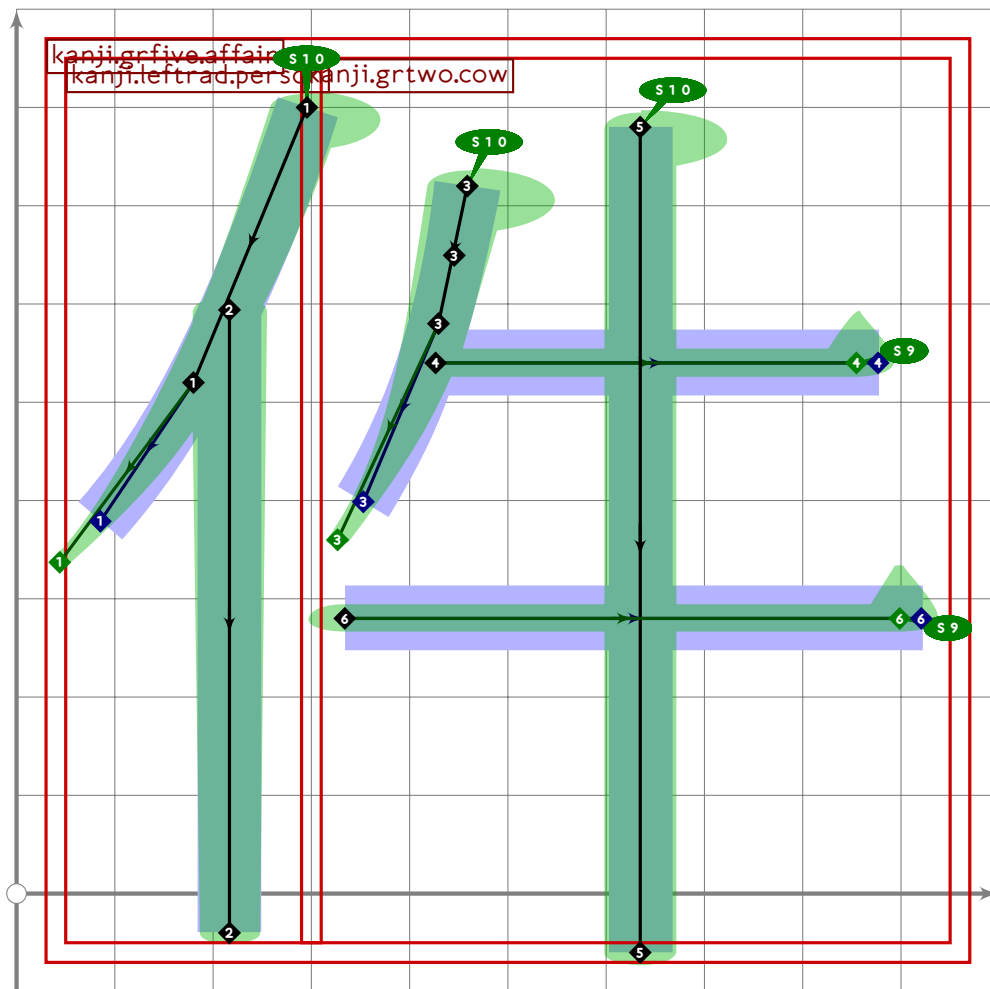


```
84
85 vardef kanji.grthree.serve =
86   push_pbox_toexpand("kanji.grthree.serve");
87   build_kanji.lr(300,20)
88     (kanji.leftrad.person)
89     (kanji.grfour.gentleman);
90   expand_pbox;
91 enddef;
92
93
```



```

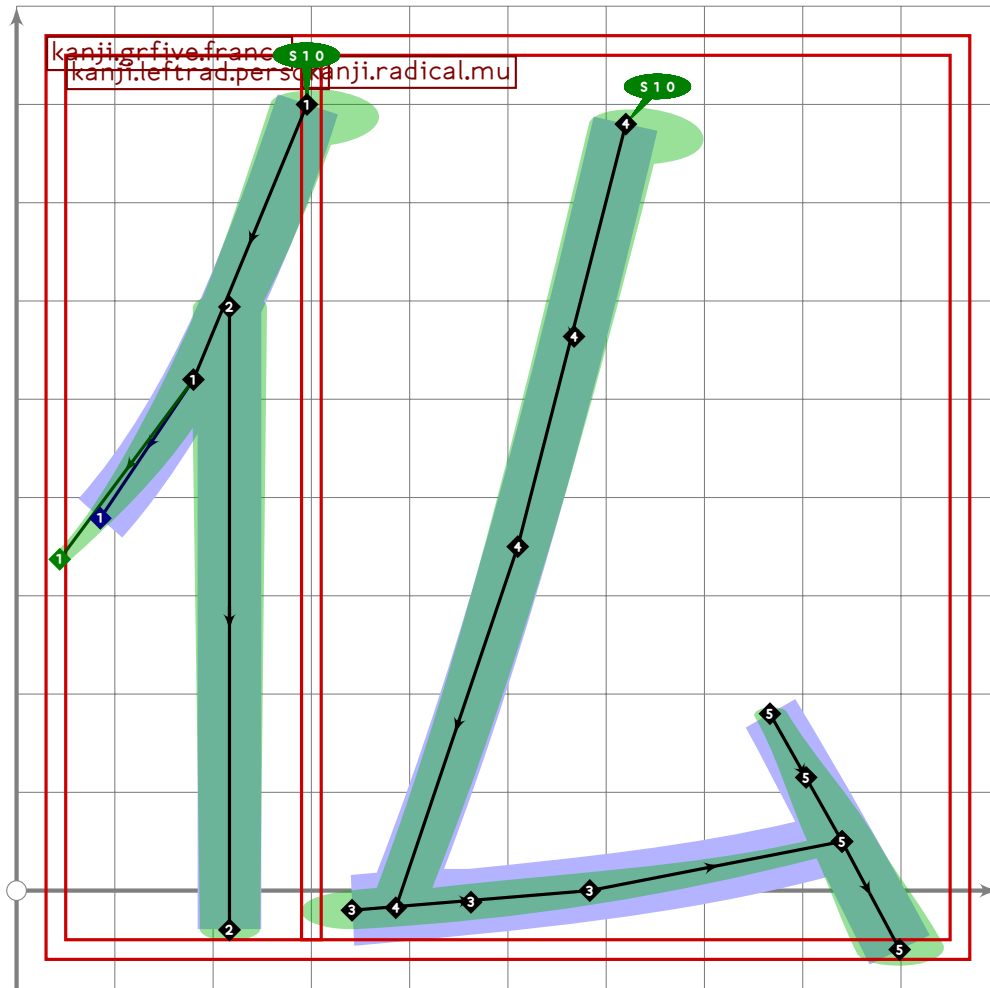
94
95 vardef kanji.grfour.go_between =
96   push_pbox_toexpand("kanji.grfour.go_between");
97   build_kanji.lr(300,20)
98     (kanji.leftrad.person)
99     (kanji.grone.middle);
100   expand_pbox;
101 enddef;
102
103
```



```

104
105 vardef kanji.grfive.affair =
106   push_pbox_toexpand("kanji.grfive.affair");
107   build_kanji.lr(300,20)
108     (kanji.leftrad.person)
109     (kanji.grtwo.cow);
110   expand_pbox;
111 enddef;

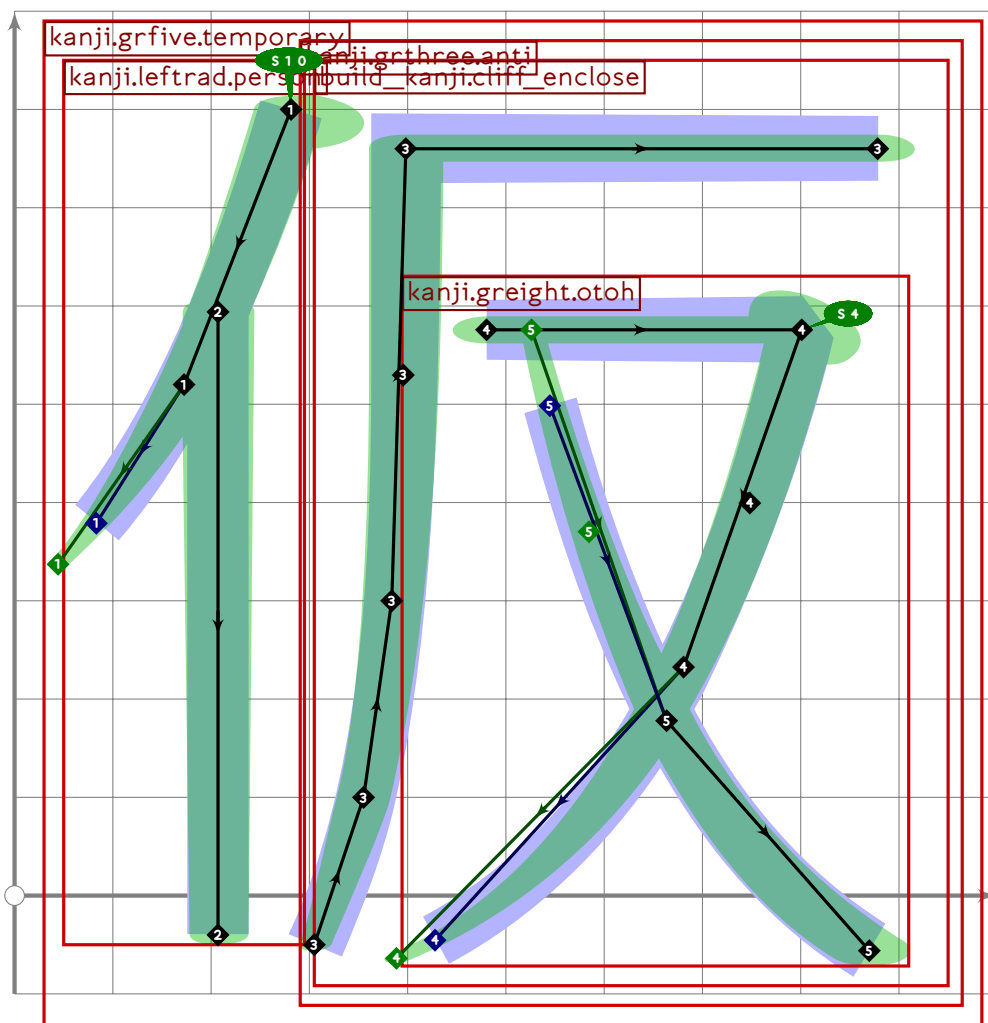
```



```

112
113 vardef kanji.grfive.france =
114   push_pbox_toexpand("kanji.grfive.france");
115   build_kanji.lr(300,20)
116     (kanji.leftrad.person)
117     (kanji.radical.mu);
118   expand_pbox;
119 enddef;

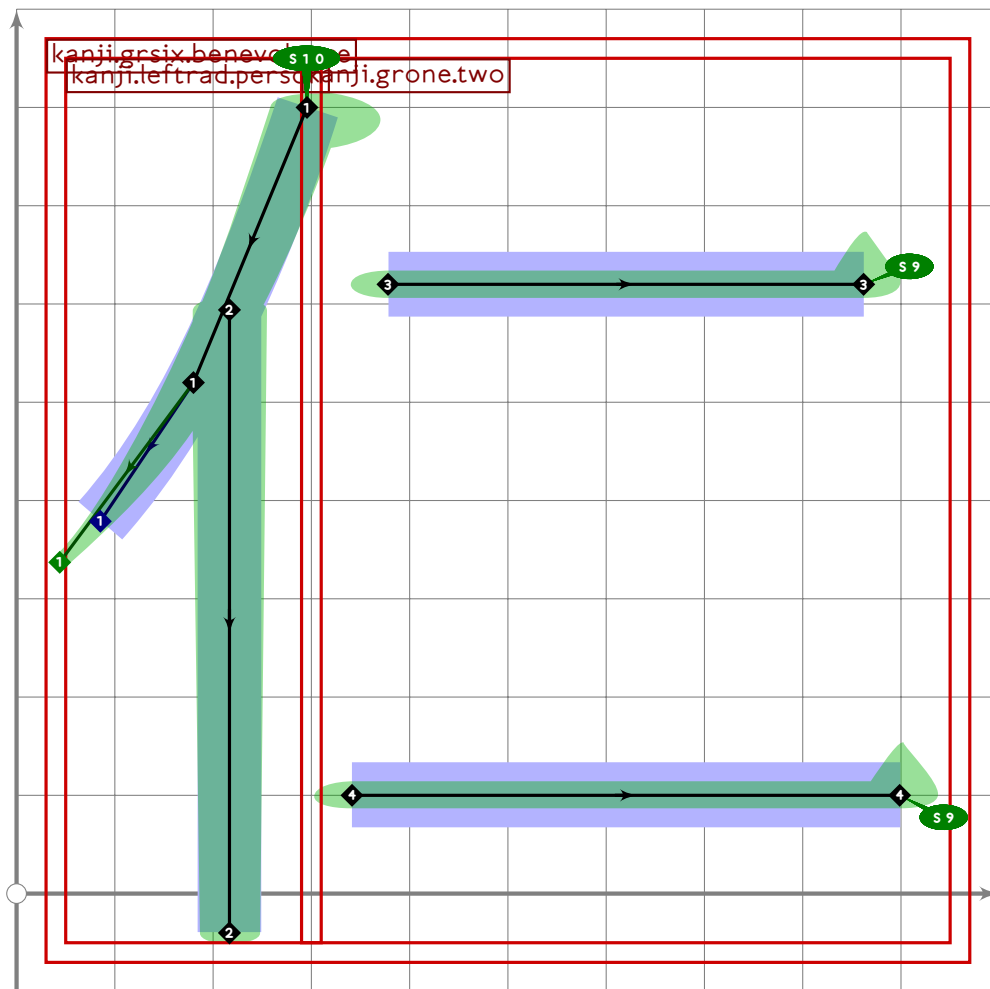
```



```

120
121 vardef kanji.grfive.temporary =
122   push_pbox_toexpand("kanji.grfive.temporary");
123   build_kanji.lr(300,-10)
124     (kanji.leftrad.person)
125     (kanji.grthree.anti);
126   expand_pbox;
127 enddef;
128
129

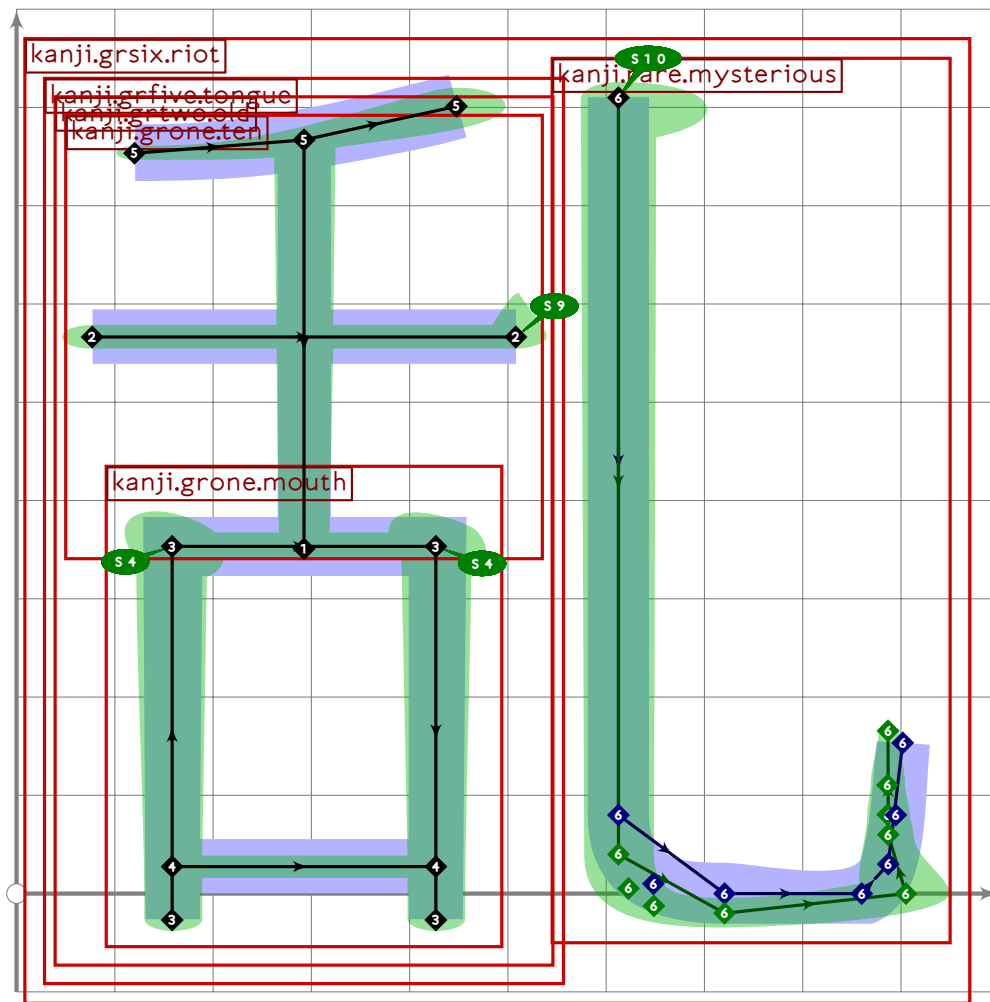
```



```

130
131 vardef kanji.grsix.benevolence =
132   push_pbox_toexpand("kanji.grsix.benevolence");
133   build_kanji.lr(300,20)
134     (kanji.leftrad.person)
135     (kanji.grone.two);
136   expand_pbox;
137 enddef;

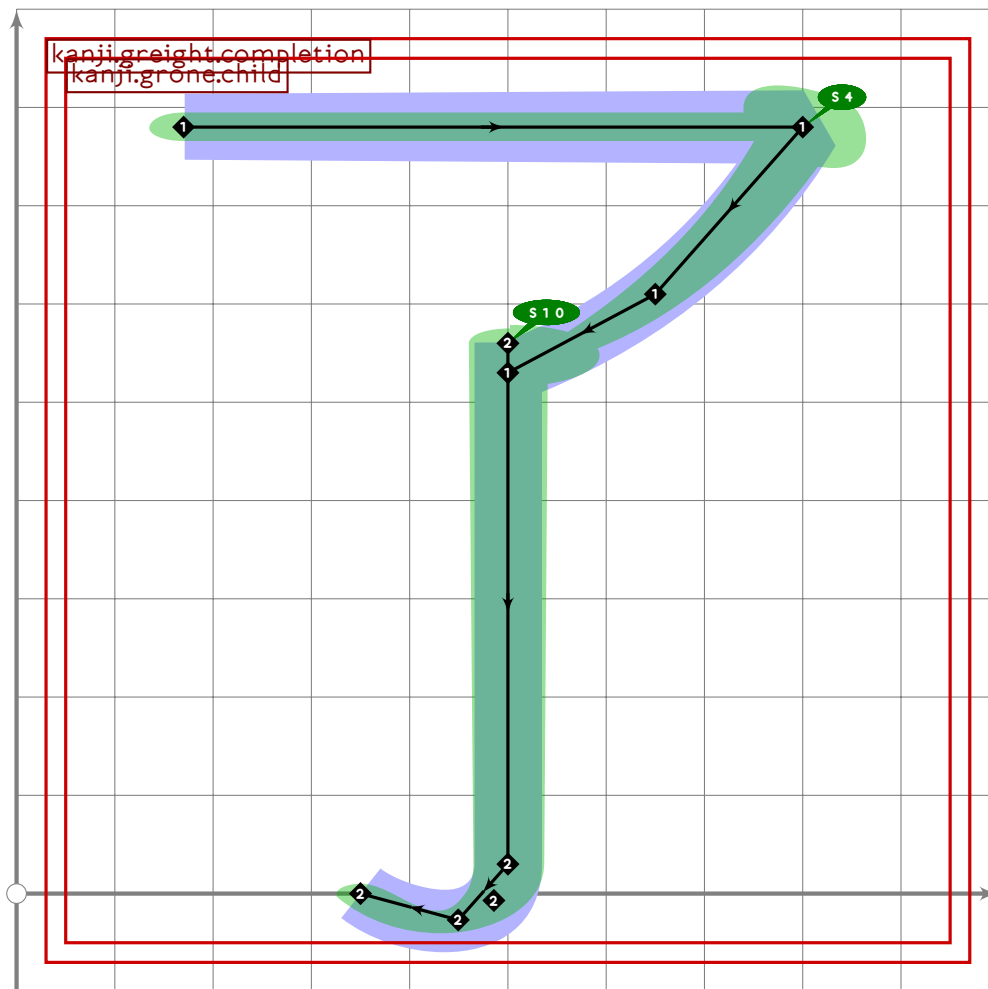
```



```

138
139 vardef kanji.grsix.riot =
140   push_pbox_toexpand("kanji.grsix.riot");
141   build_kanji.lr(540,-10)
142     (tsu_xform(identity yscaled 0.94 shifted (0,-7))(kanji.grfive.tongue))
143     (kanji.rare.mysterious);
144   expand_pbox;
145 enddef;
146
147

```

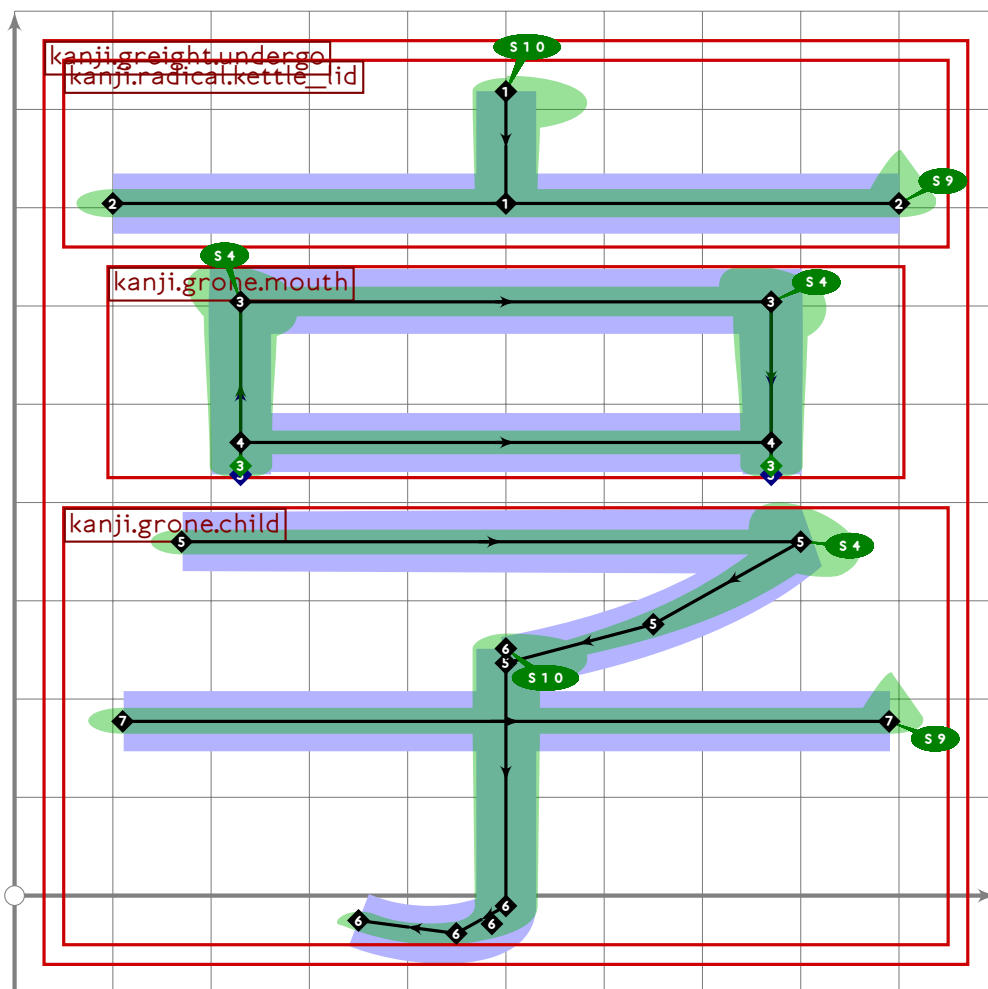



```

148
149 vardef kanji.greight.completion =
150   push_pbox_toexpand("kanji.greight.completion");
151   kanji.grone.child;
152   pop_stroke;
153   expand_pbox;
154 enddef;

```

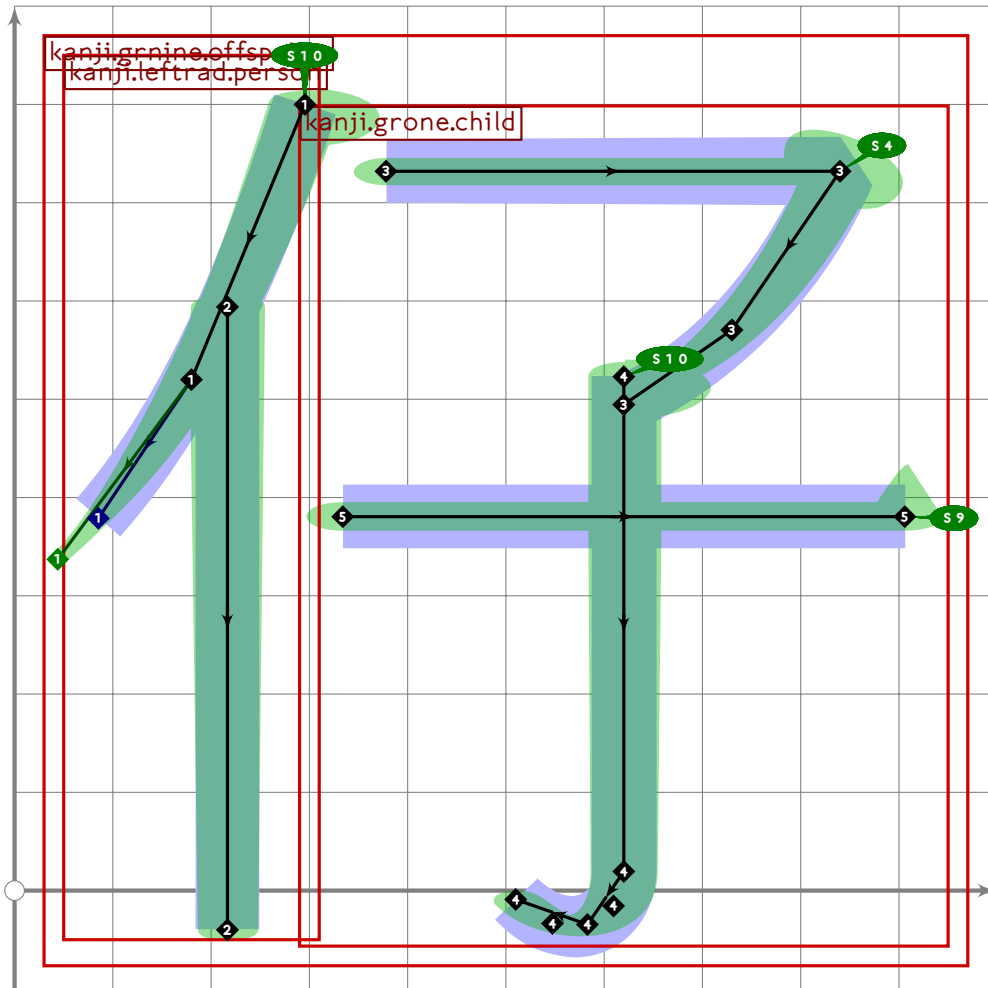
4E



```

155
156 vardef kanji.greight.undergo =
157   push_pbox_toexpand("kanji.greight.undergo");
158   build_kanji.level(build_kanji.tb(650,-20)
159     (kanji.radical.kettle_lid)
160     (build_kanji.tb(550,-40)
161       (build_kanji.sscale(xscaled 0.9)(kanji.grone.mouth))
162       (kanji.grone.child)));
163   expand_pbox;
164 enddef;
165
166

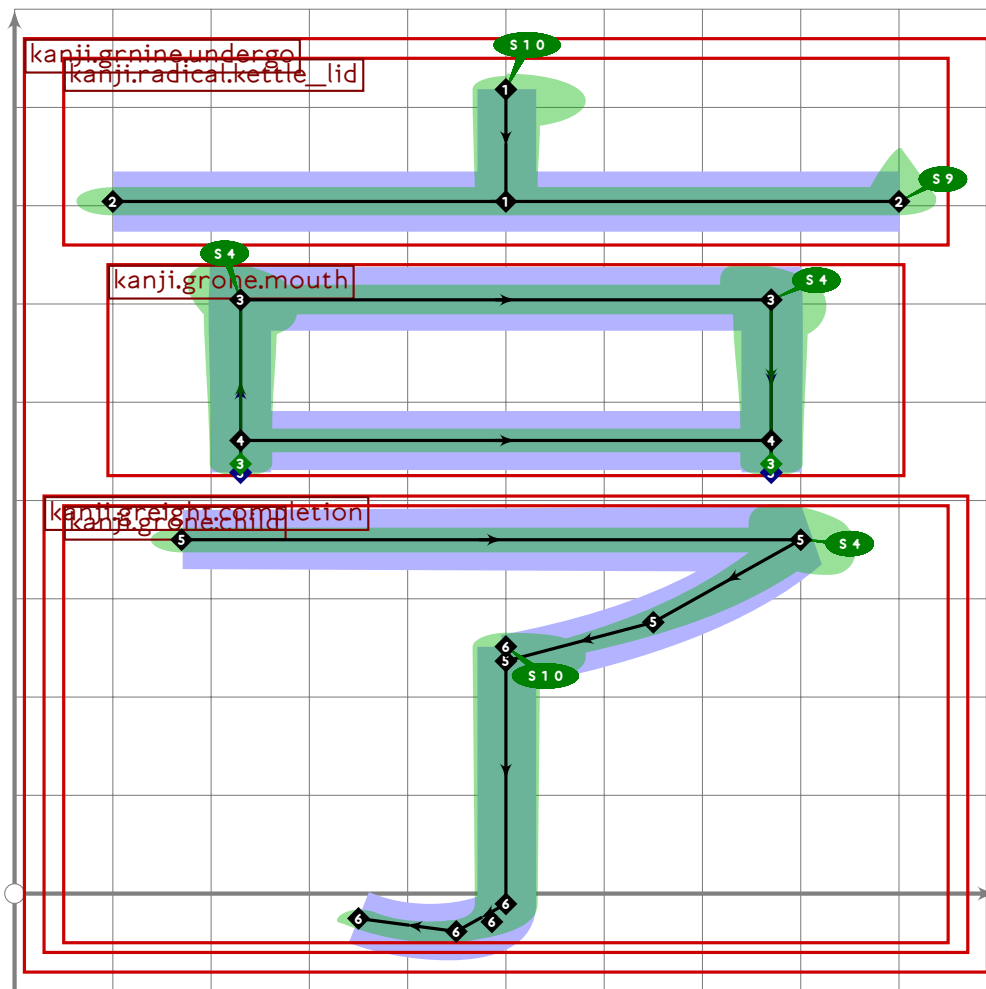
```



```

167
168 vardef kanji.grnine.offspring =
169   push_pbox__toexpand("kanji.grnine.offspring");
170   build_kanji.level(build_kanji.lr(300,20)
171     (kanji.leftrad.person)
172     (build_kanji.sscale(shifted (0,-30) yscaled 0.95)
173       (kanji.grone.child)));
174   expand_pbox;
175 enddef;

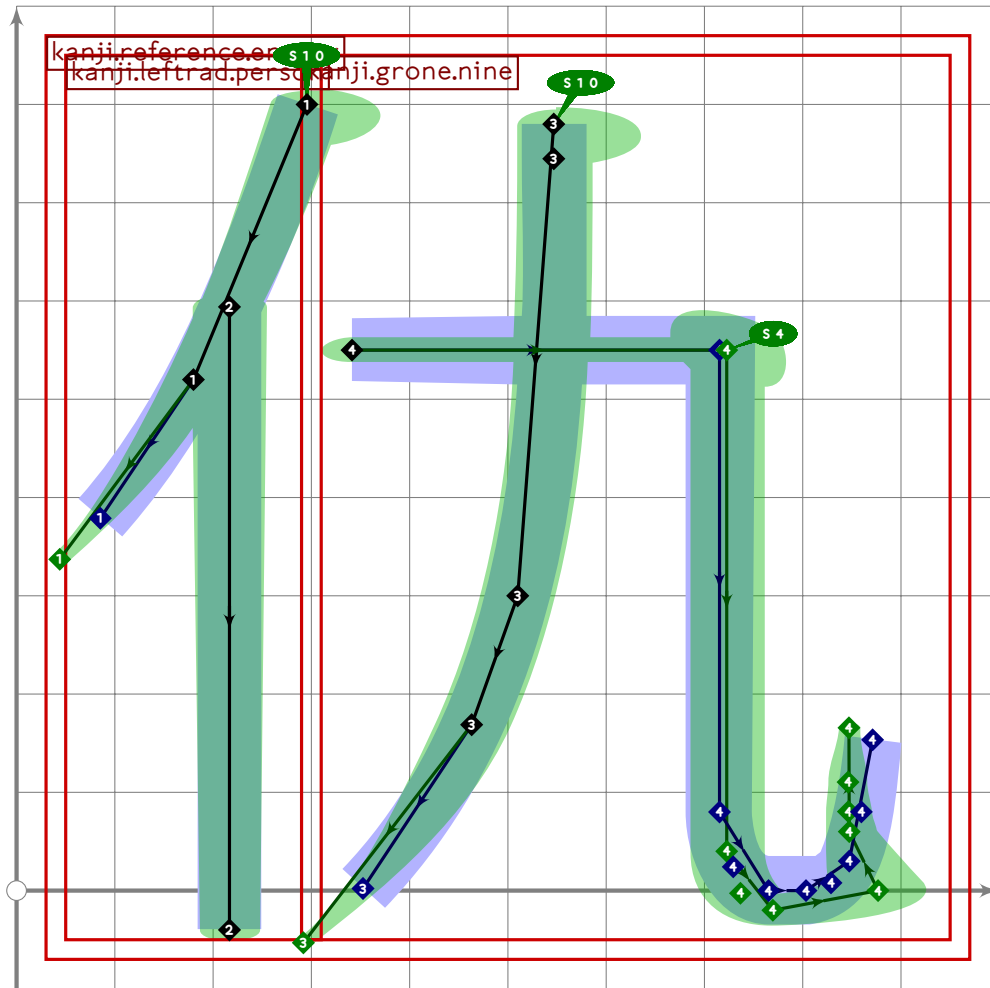
```



```

176
177 vardef kanji.grnine.undergo =
178   push_pbox_toexpand("kanji.grnine.undergo");
179   build_kanji.level(build_kanji.tb(650,-20)
180     (kanji.radical.kettle_lid)
181     (build_kanji.tb(550,-40)
182       (build_kanji.sscale(xscaled 0.9)(kanji.grone.mouth))
183       (kanji.greight.completion)));
184   expand_pbox;
185 enddef;
186
187

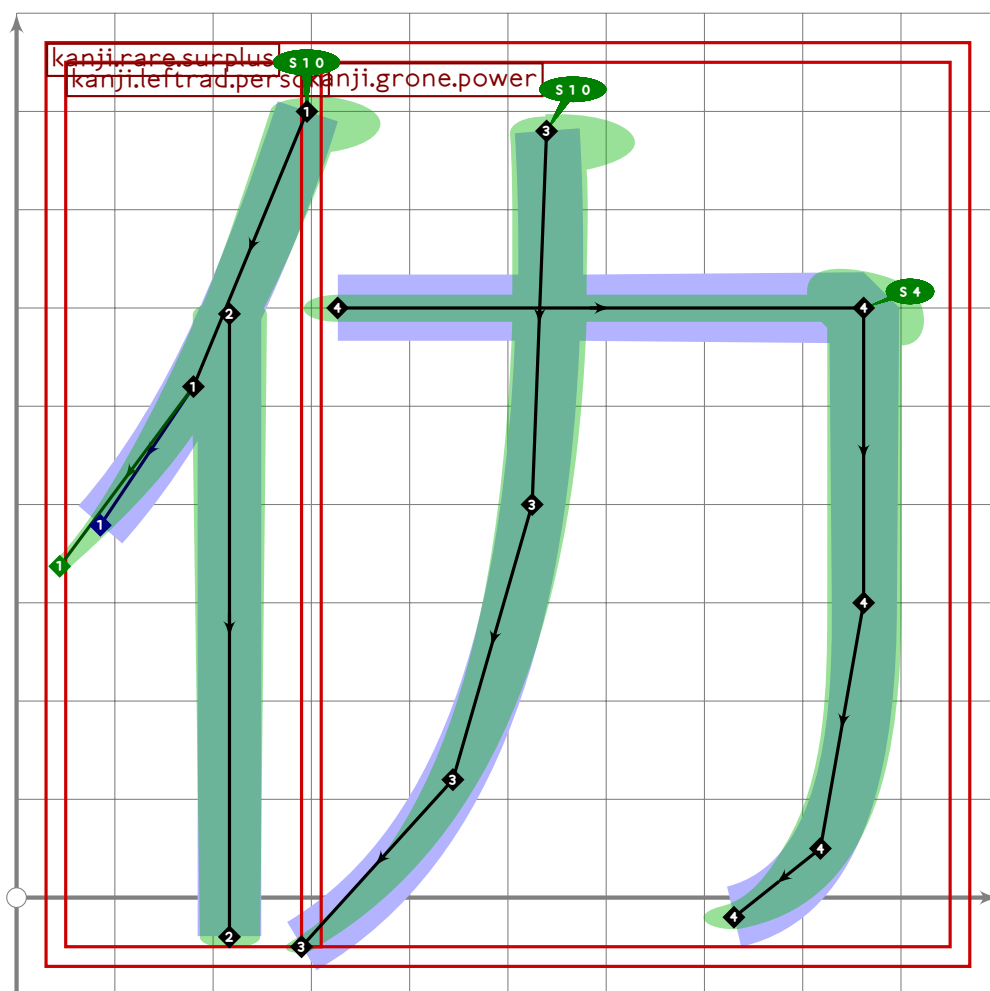
```



```

188
189 vardef kanji.reference.enemy =
190   push_pbox_toexpand("kanji.reference.enemy");
191   build_kanji.lr(300,20)
192     (kanji.leftrad.person)
193     (kanji.grone.nine);
194   expand_pbox;
195 enddef;
196
197

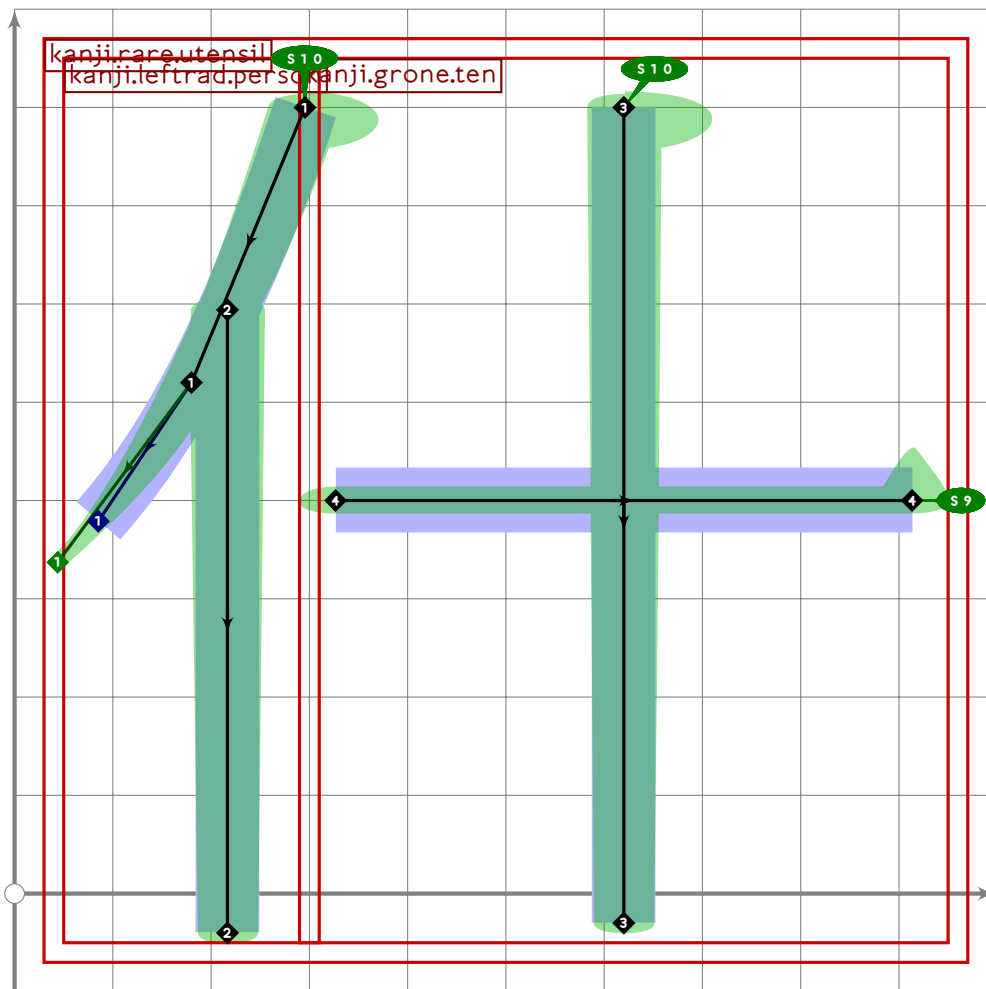
```



```

198
199 vardef kanji.rare.surplus =
200   push_pbox_toexpand("kanji.rare.surplus");
201   build_kanji.lr(300,20)
202     (kanji.leftrad.person)
203     (kanji.grone.power);
204   expand_pbox;
205 enddef;

```



```

206
207 vardef kanji.rare.utensil =
208   push_pbox_toexpand("kanji.rare.utensil");
209   build_kanji.lr(300,20)
210     (kanji.leftrad.person)
211     (kanji.grone.ten);
212   expand_pbox;
213 enddef;
214
215
216
217 % ichi/hito "one"
218 begintsuglyph("uni4E00";0);
219   kanji.grone.one;
220   tsu_render;
221 endtsuglyph;
222
223 % chuu/hinoto: "street"; "counter for leaves or guns"; "fourth zodiac sign"
224 % Uwaa ! Skala-sensei, I don't *want* to stick a thumbtack in my wrist!
225 begintsuglyph("uni4E01";1);
226   kanji.grthree.thumbtack;

```

[see page 454]

[see page 597]

227 tsu_render;
 228 endtsuglyph;
 229
 230 % kou/samata "obstruction of breath"
 231 begintsuglyph("uni4E02";2); [see page 844]
 232 kanji.rare.obstruction;
 233 tsu_render;
 234 endtsuglyph;
 235
 236 % nana/shichi "seven"
 237 begintsuglyph("uni4E03";3); [see page 466]
 238 kanji.grone.seven;
 239 tsu_render;
 240 endtsuglyph;
 241
 242 % man/yorozu "myriad"
 243 begintsuglyph("uni4E07";7); [see page 528]
 244 kanji.grtwo.myriad;
 245 tsu_render;
 246 endtsuglyph;
 247
 248 % san/mi "three"
 249 begintsuglyph("uni4E09";9); [see page 474]
 250 kanji.grone.three;
 251 tsu_render;
 252 endtsuglyph;
 253
 254 % ue/jyou "up"
 255 begintsuglyph("uni4E0A";10); [see page 476]
 256 kanji.grone.up;
 257 tsu_render;
 258 endtsuglyph;
 259
 260 % shita/ka "down"
 261 begintsuglyph("uni4E0B";11); [see page 427]
 262 kanji.grone.down;
 263 tsu_render;
 264 endtsuglyph;
 265
 266 % fu "non-"
 267 begintsuglyph("uni4E0D";13); [see page 627]
 268 kanji.grfour.non;
 269 tsu_render;
 270 endtsuglyph;
 271
 272 % yo/ata "give"
 273 begintsuglyph("uni4E0E";14); [see page 749]
 274 kanji.greight.give;


```

275   tsu_render;
276 endtsuglyph;
277
278 % sho/ka "furthermore"
279 begintsuglyph("uni4E14",20); [see page 748]
280   kanji.greight.furthermore;
281   tsu_render;
282 endtsuglyph;
283
284 % hi/oo "glorious" (needed as part of other things)
285 begintsuglyph("uni4E15",21); [see page 830]
286   kanji.rare.glorious;
287   tsu_render;
288 endtsuglyph;
289
290 % sei/sou "world"
291 begintsuglyph("uni4E16",22); [see page 600]
292   kanji.grthree.world;
293   tsu_render;
294 endtsuglyph;
295
296 % kyu/oka "hill"
297 begintsuglyph("uni4E18",24); [see page 757]
298   kanji.greight.knoll;
299   tsu_render;
300 endtsuglyph;
301
302 % hei/hinoe "third class or calendar sign"
303 begintsuglyph("uni4E19",25); [see page 775]
304   kanji.greight.third;
305   tsu_render;
306 endtsuglyph;
307
308 % ryo/teru "both," also a couple of different units of measure
309 begintsuglyph("uni4E21",33); [see page 562]
310   kanji.grthree.both;
311   tsu_render;
312 endtsuglyph;
313
314 % extra "vertical line"
315 begintsuglyph("uni4E28",40); [see page 717]
316   kanji.radical.vline;
317   tsu_render;
318 endtsuglyph;
319
320 % naka/chuu "middle"
321 begintsuglyph("uni4E2D",45); [see page 447]
322   kanji.grone.middle;

```

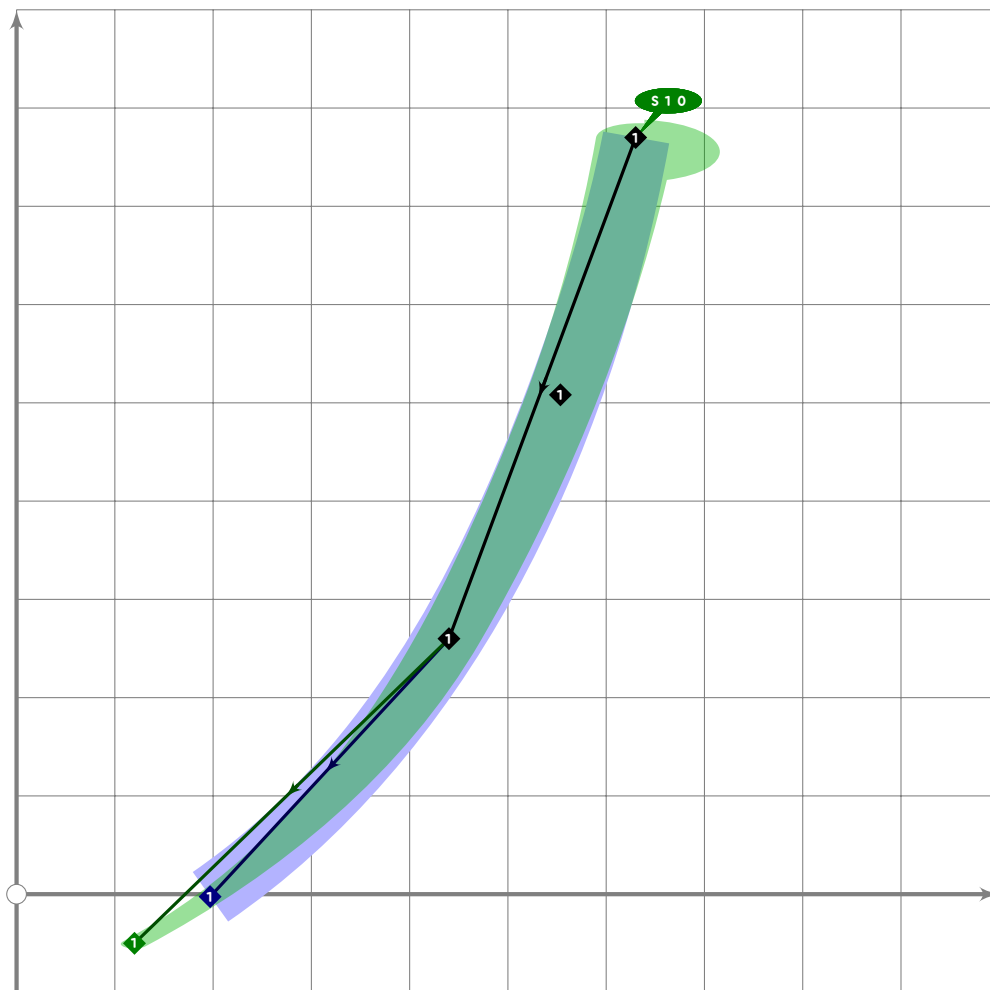
U+4E3F
tsuku.uni4E3F

4E

```
323 tsu_render;  
324 endtsuglyph;  
325  
326 % maru "circle"  
327 begintsuglyph("uni4E38";56);  
328 kanji.grtwo.circle;  
329 tsu_render;  
330 endtsuglyph;  
331  
332 % shu/nushi "master"  
333 begintsuglyph("uni4E3B";59);  
334 kanji.grthree.master;  
335 tsu_render;  
336 endtsuglyph;  
337
```

[see page 489]

[see page 584]



```
338 % diagonal stroke (like katakana "no") for use in decomposition dictionary  
339 begintsuglyph("uni4E3F";63);  
340 push_stroke((630,770)..tension 1.2..(440,260)..(120,-50),  
341 (1.6,1.6)-(1.4,1.4)-(0.9,0.9));  
342 set_boserif(0,0,10);  
343 tsu_render;
```

```

344 endtsuglyph;
345
346 % sa/naga "notwithstanding" (needed for tsuku "make")
347 begintsuglyph("uni4E4D";77); [see page 842]
348   kanji.rare.notwithstanding;
349   tsu_render;
350 endtsuglyph;
351
352 % shou/no "ride"
353 begintsuglyph("uni4E57";87); [see page 1775]
354   kanji.grthree.ride;
355   tsu_render;
356 endtsuglyph;
357
358 % extra (needed as component)
359 begintsuglyph("uni4E5A";90); [see page 841]
360   kanji.rare.mysterious;
361   tsu_render;
362 endtsuglyph;
363
364 % kyuu/kokono "nine"
365 begintsuglyph("uni4E5D";93); [see page 452]
366   kanji.grone.nine;
367   tsu_render;
368 endtsuglyph;
369
370 % ya/nari "to be" (archaic)
371 begintsuglyph("uni4E5F";95); [see page 804]
372   kanji.grnine.to_be;
373   tsu_render;
374 endtsuglyph;
375
376 % ran/mida "riot"
377 begintsuglyph("uni4E71";113); [see page 1782]
378   kanji.grsix.riot;
379   tsu_render;
380 endtsuglyph;
381
382 % ryou "completion"
383 begintsuglyph("uni4E86";134); [see page 1783]
384   kanji.greight.completion;
385   tsu_render;
386 endtsuglyph;
387
388 % yo/arakaji "before"
389 begintsuglyph("uni4E88";136); [see page 560]
390   kanji.grthree.before;
391   tsu_render;

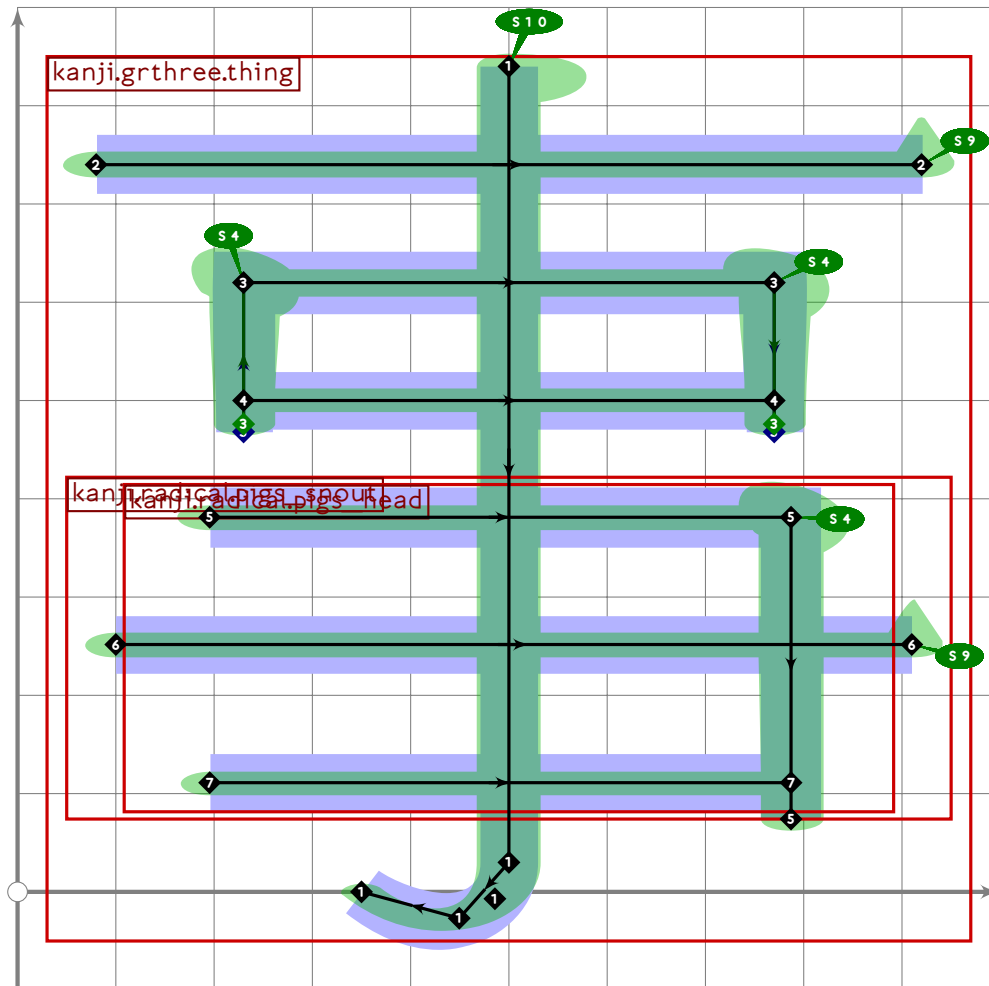
```

U+4E8B
tsuku.uni4E8B

4E

```
392 endtsuglyph;  
393  
394 % sou/ika "dispute"  
395 begintsuglyph("uni4E89";137);  
396 kanji.grfour.dispute;  
397 tsu_render;  
398 endtsuglyph;  
399
```

[see page 614]



```
400 % ji/koto "thing"  
401 begintsuglyph("uni4E8B";139);  
402 kanji.grthree.thing;  
403 tsu_render;  
404 endtsuglyph;  
405  
406 % ni/futa "two"  
407 begintsuglyph("uni4E8C";140);  
408 kanji.grone.two;  
409 tsu_render;  
410 endtsuglyph;  
411  
412 % u "deficient"
```

[see page 475]

413 begintsuglyph("uni4E8F";143);

[see page 823]

414 kanji.rare.deficient;

415 tsu_render;

416 endtsuglyph;

417

418 % un/i "say"

419 begintsuglyph("uni4E91";145);

[see page 786]

420 kanji.grnine.declaim;

421 tsu_render;

422 endtsuglyph;

423

424 % go/itsu "five"

425 begintsuglyph("uni4E94";148);

[see page 435]

426 kanji.grone.five;

427 tsu_render;

428 endtsuglyph;

429

430 % sei/i "well" (water supply)

431 begintsuglyph("uni4E95";149);

[see page 778]

432 kanji.greight.well;

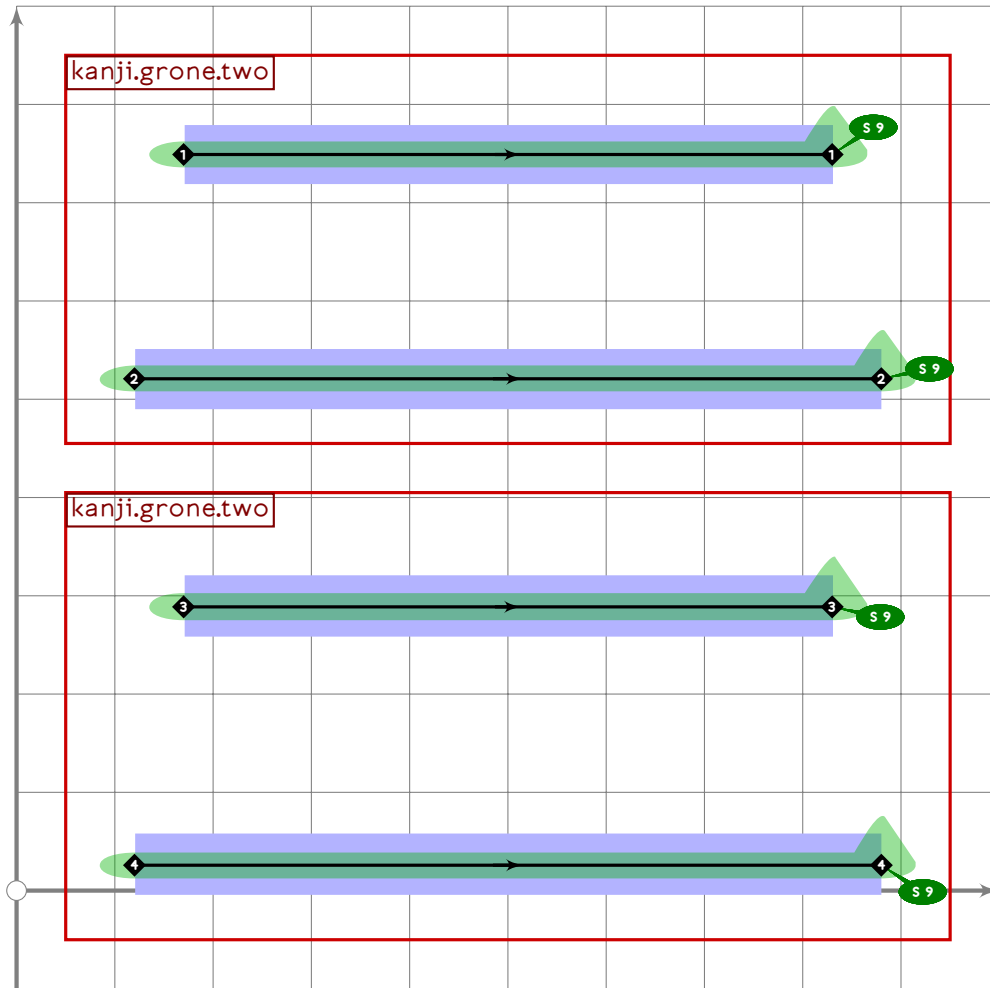
433 tsu_render;

434 endtsuglyph;

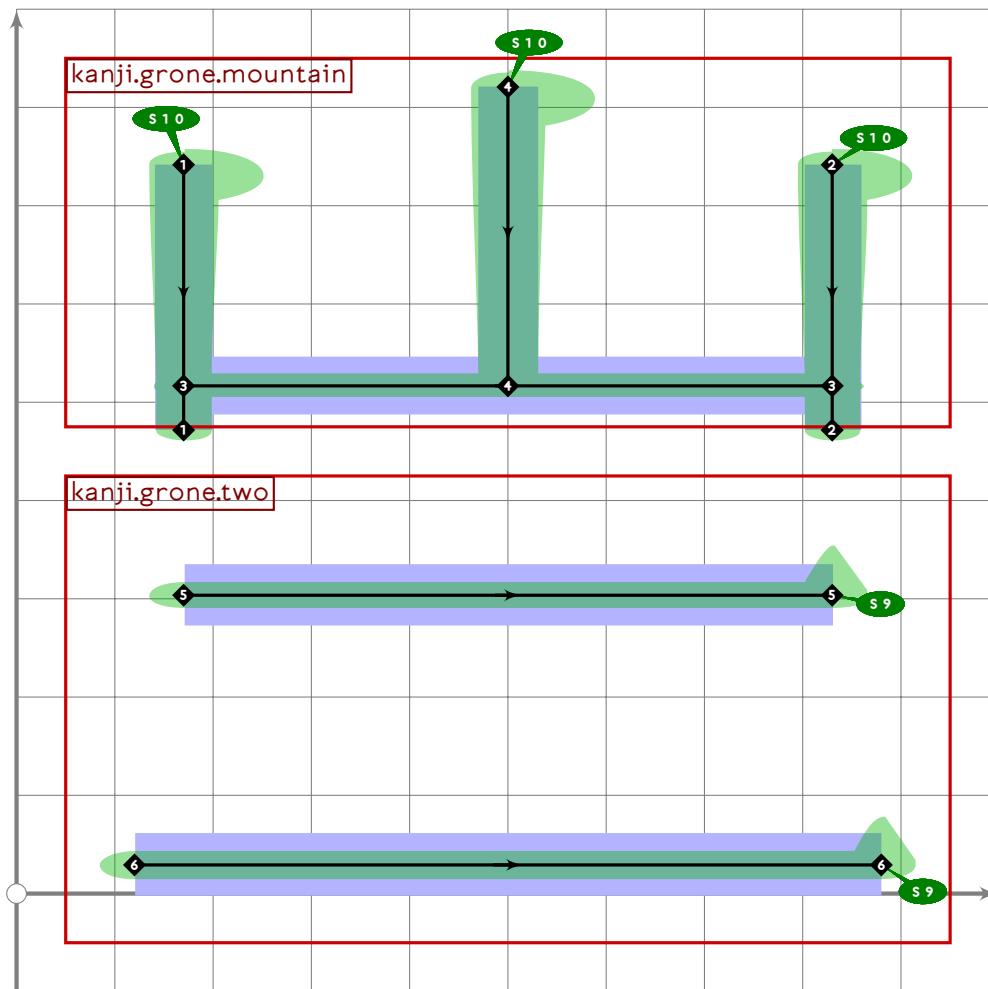
435

U+4E96
tsuku.uni4E96

4E



```
436 % extra
437 begintsuglyph("uni4E96",150);
438   build_kanji.tb(430,-50)
439     (kanji.grone.two)
440     (kanji.grone.two);
441   tsu_render;
442 endtsuglyph;
443
```



```

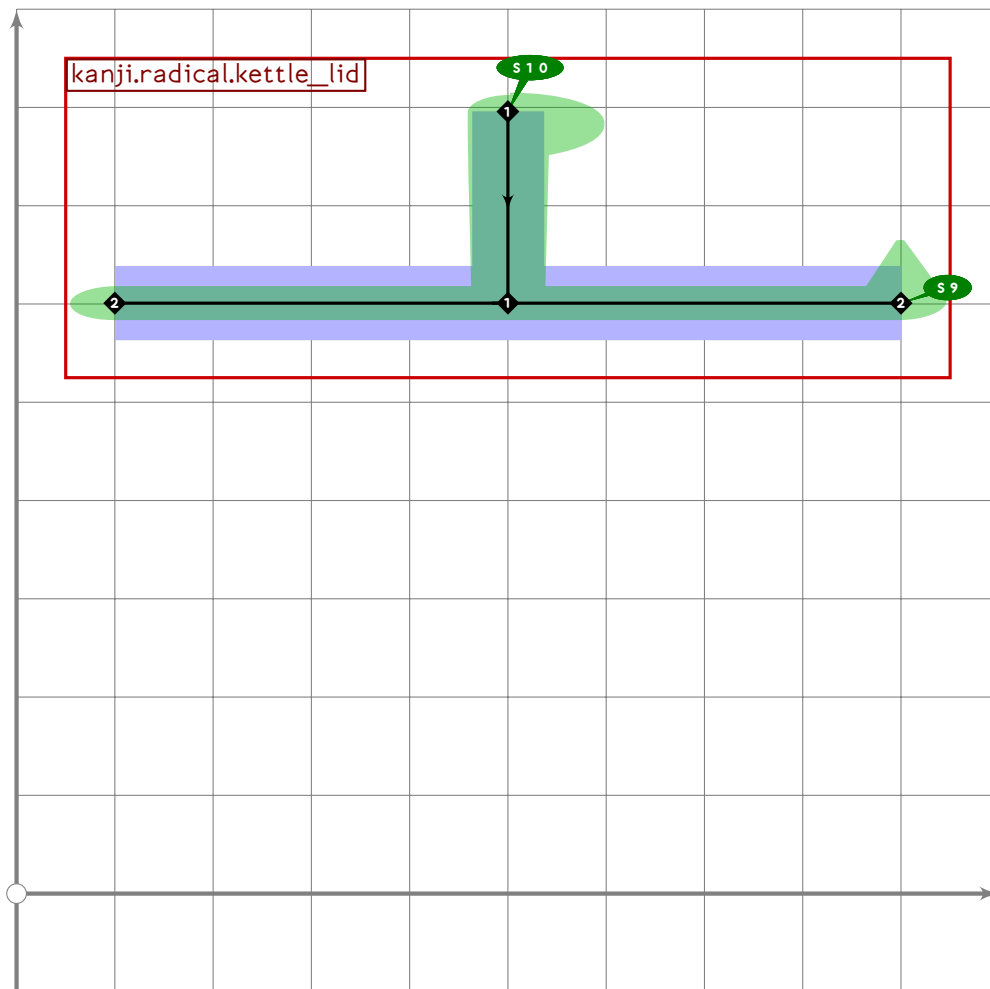
444 % extra
445 begintsuglyph("uni4E97";151);
446   build_kanji.tb(450;-50)
447     (kanji.grone.mountain)
448     (kanji.grone.two);
449   tsu_render;
450 endtsuglyph;
451
452 % a/tsu "sub-" (also, "-ous, lower oxidation state")
453 begintsuglyph("uni4E9C";156);
454   kanji.greight.prefix_sub;
455   tsu_render;
456 endtsuglyph;
457
458 % not in dictionaries but needed for grfour.extremely
459 begintsuglyph("uni4E9F";159);
460   kanji.rare.extremely;
461   tsu_render;
462 endtsuglyph;
463

```

[see page 765]

[see page 828]

4E



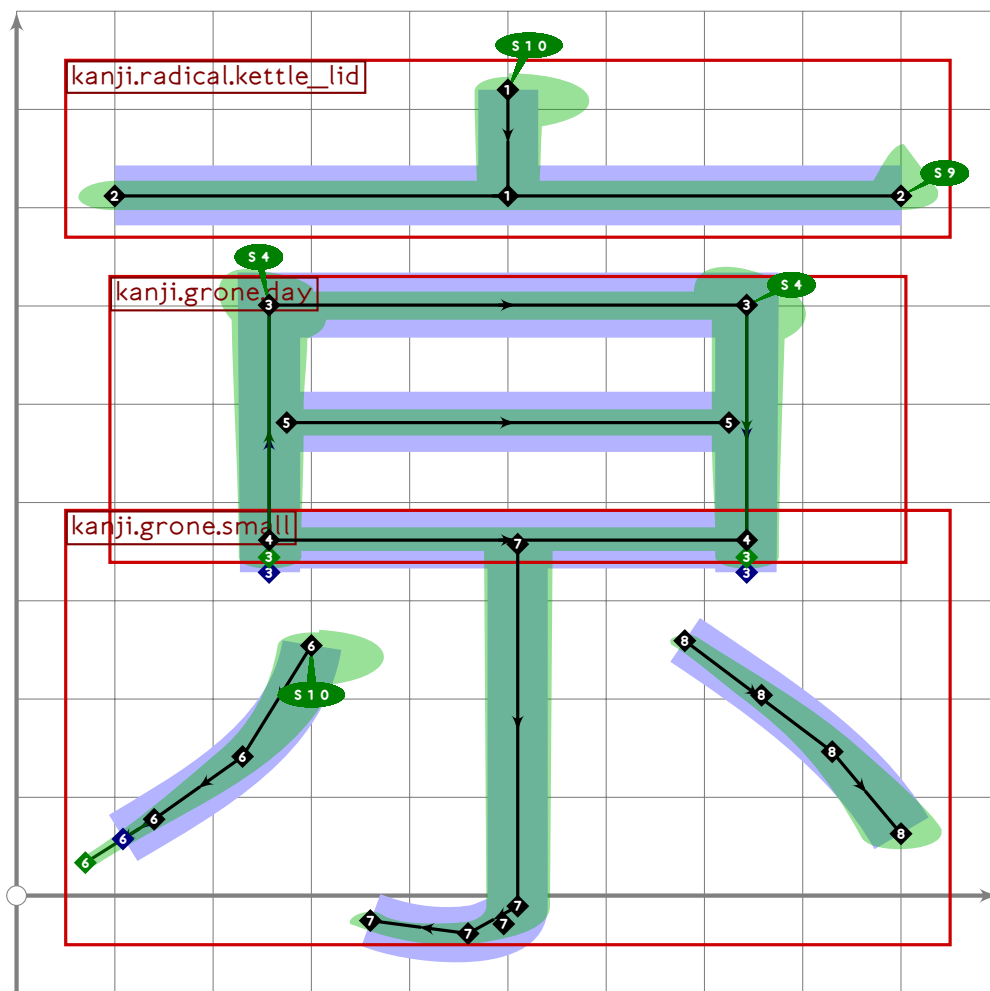
[see page 831]


```

485 begintsuglyph("uni4EA4";164); [see page 525]
486   kanji.grtwo.mix;
487   tsu_render;
488 endtsuglyph;
489
490 % eki/mata "again"
491 begintsuglyph("uni4EA6";166); [see page 780]
492   kanji.grnine.again;
493   tsu_render;
494 endtsuglyph;
495
496 % kou "undergo" (rarer form)
497 begintsuglyph("uni4EA8";168); [see page 1786]
498   kanji.grnine.undergo;
499   tsu_render;
500 endtsuglyph;
501
502 % kyou "undergo" (more common form)
503 begintsuglyph("uni4EAB";171); [see page 1784]
504   kanji.greight.undergo;
505   tsu_render;
506 endtsuglyph;
507
508 % kyou "capital"
509 begintsuglyph("uni4EAC";172); [see page 487]
510   kanji.grtwo.capital;
511   tsu_render;
512 endtsuglyph;
513
514 % tei "head of household"
515 begintsuglyph("uni4EAD";173); [see page 753]
516   kanji.greight.head_of_household;
517   tsu_render;
518 endtsuglyph;

```

519–520

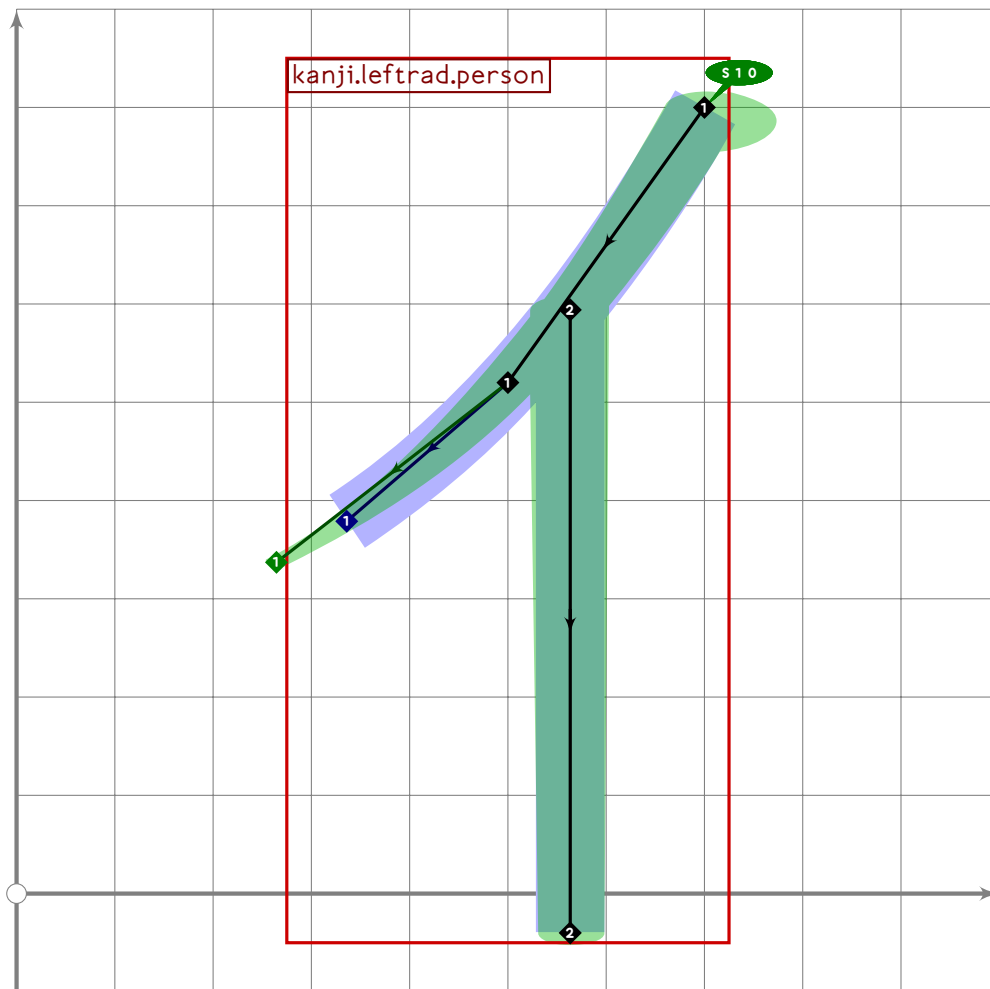


```

521 % extra "capital"
522 begintsuglyph("uni4EB0";176);
523   build_kanji.level(build_kanji.tb(650,-40)
524     (kanji.radical.kettle_lid)
525     (build_kanji.tb(500,70)
526       (build_kanji.sscale(xscaled 0.9)(kanji.grone.day))
527       (kanji.grone.small)));
528   set_boserif(-1,0,whatever);
529   tsu_render;
530 endtsuglyph;
531
532 % hito/jin "person"
533 begintsuglyph("uni4EBA";186);
534   kanji.grone.person;
535   tsu_render;
536 endtsuglyph;
537

```

[see page 457]



```

538 % hito/jin "person" as radical
539 begintsuglyph("uni4EBB";187);
540 build_kanji.sscale(xscaled 0.5)(kanji.leftrad.person);
541 tsu_render;
542 endtsuglyph;
543
544 % juu "utensil"
545 begintsuglyph("uni4EC0";192);
546 kanji.rare.utensil;
547 tsu_render;
548 endtsuglyph;
549
550 % jin "benevolence"
551 begintsuglyph("uni4EC1";193);
552 kanji.grsix.benevolence;
553 tsu_render;
554 endtsuglyph;
555
556 % "surplus or excess"
557 begintsuglyph("uni4EC2";194);
558 kanji.rare.surplus;

```

[see page 1789]

[see page 1781]

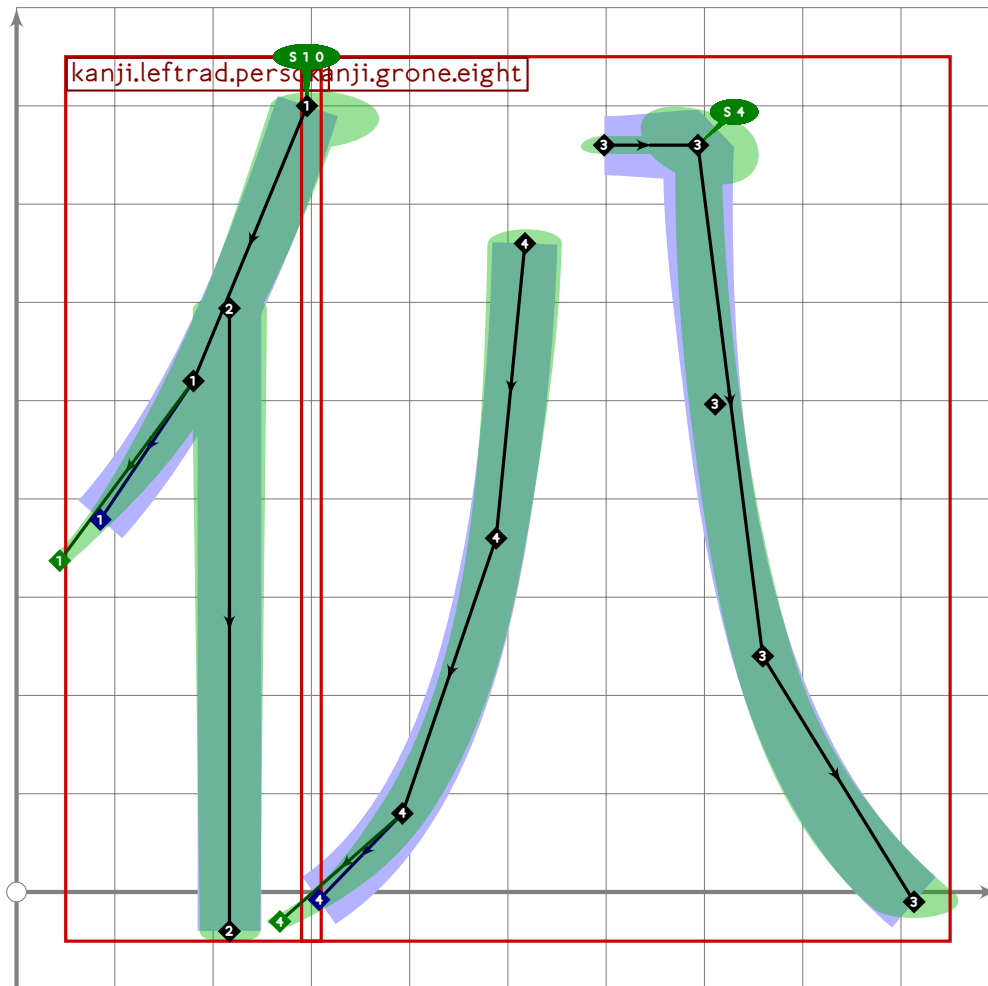
[see page 1788]

U+4EC8
tsuku.uni4EC8

4E

```
559 tsu_render;
560 endtsuglyph;
561
562 % ada "enemy"
563 begintsuglyph("uni4EC7";199);
564 kanji.reference.enemy;
565 tsu_render;
566 endtsuglyph;
567
```

[see page 1787]



```
568 % extra
569 begintsuglyph("uni4EC8";200);
570 build_kanji.lr(300,20)
571   (kanji.leftrad.person)
572   (kanji.grone.eight);
573 tsu_render;
574 endtsuglyph;
575
576 % kon/ima "now"
577 begintsuglyph("uni4ECA";202);
578 kanji.grtwo.now;
579 tsu_render;
```

[see page 532]

```

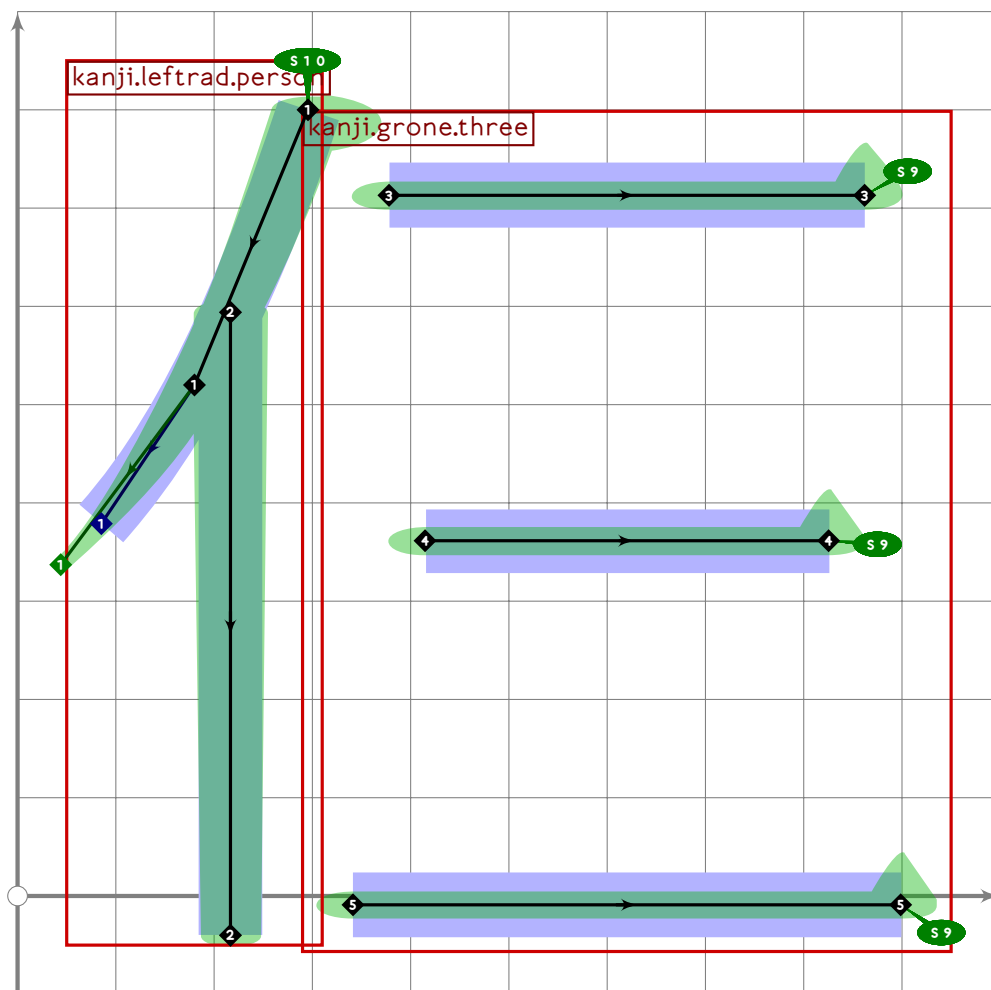
580 endtsuglyph;
581
582 % kai "mediate"
583 begintsuglyph("uni4ECB";203); [see page 758]
584   kanji.greight.mediate;
585   tsu_render;
586 endtsuglyph;
587
588 % futsu/hotoke "France" or "Buddha"
589 begintsuglyph("uni4ECF";207); [see page 1779]
590   kanji.grfive.france;
591   tsu_render;
592 endtsuglyph;
593
594 % ko "offspring"
595 begintsuglyph("uni4ED4";212); [see page 1785]
596   kanji.grnine.offspring;
597   tsu_render;
598 endtsuglyph;
599
600 % shi/tsuka "serve"
601 begintsuglyph("uni4ED5";213); [see page 1776]
602   kanji.grthree.serve;
603   tsu_render;
604 endtsuglyph;
605
606 % ta/hoka "other"
607 begintsuglyph("uni4ED6";214); [see page 589]
608   kanji.grthree.other;
609   tsu_render;
610 endtsuglyph;
611
612 % fu/tsu "attach"
613 begintsuglyph("uni4ED8";216); [see page 605]
614   kanji.grfour.attach;
615   tsu_render;
616 endtsuglyph;
617
618 % sen "wizard"
619 begintsuglyph("uni4ED9";217); [see page 779]
620   kanji.greight.wizard;
621   tsu_render;
622 endtsuglyph;
623
624 % dai/kawa "generation"
625 begintsuglyph("uni4EE3";227); [see page 1774]
626   kanji.grthree.generation;
627   tsu_render;

```

```

628 endtsuglyph;
629
630 % rei "orders" (but usually part of honorific titles for family members)
631 begintsuglyph("uni4EE4";228); [see page 630]
632   kanji.grfour.orders;
633   tsu_render;
634 endtsuglyph;
635
636 % i/mo(tsu) "because" or "with regard to"
637 begintsuglyph("uni4EE5";229); [see page 604]
638   kanji.grfour.as;
639   tsu_render;
640 endtsuglyph;
641

```



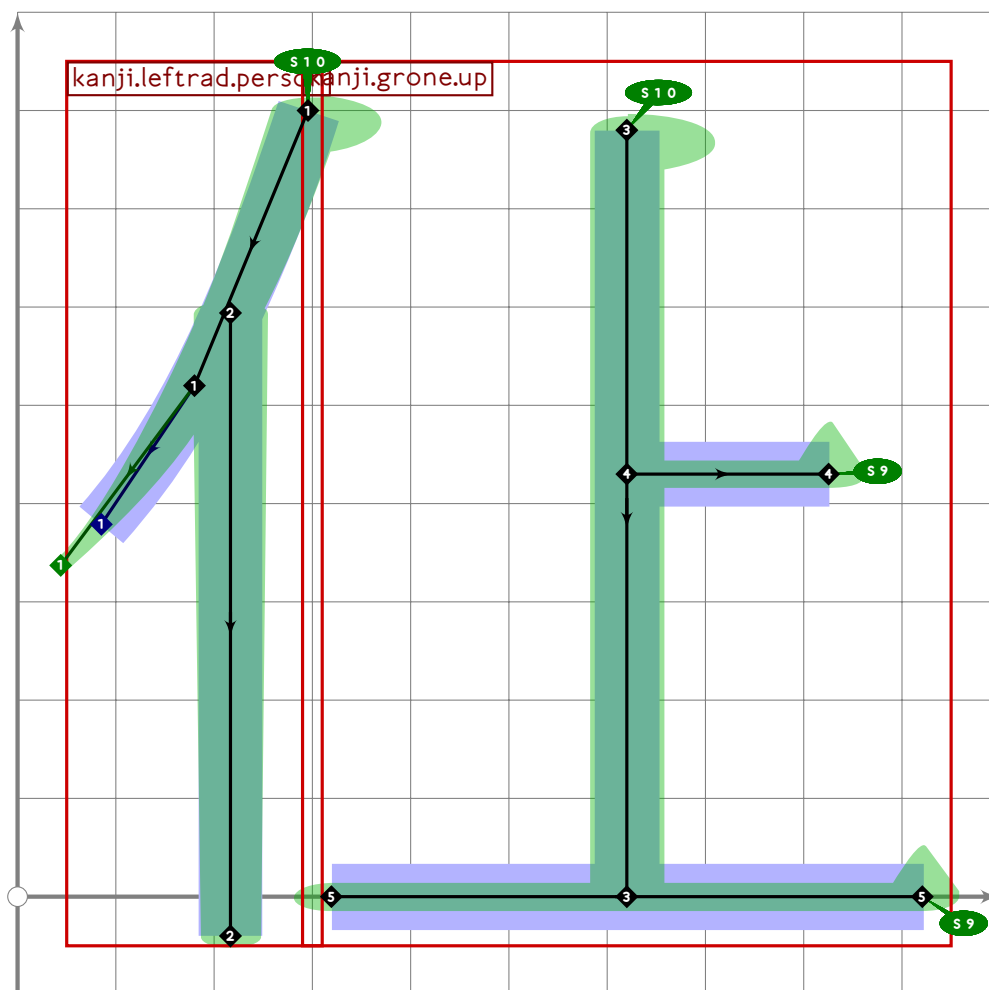
```

642 % extra
643 begintsuglyph("uni4EE8";232);
644   build_kanji.lr(300,20)
645     (kanji.leftrad.person)
646     (build_kanji.sscale(shifted (0,30) yscaled 0.95)
647       (kanji.grone.three));
648   tsu_render;

```

649 endtsuglyph;

650



651 % extra

652 begintsuglyph("uni4EE9";233);

653 build_kanji.lr(300,20)

654 (kanji.leftrad.person)

655 (kanji.grone.up);

656 tsu_render;

657 endtsuglyph;

658

659 % ka/kari "temporary"

660 begintsuglyph("uni4EEE";238);

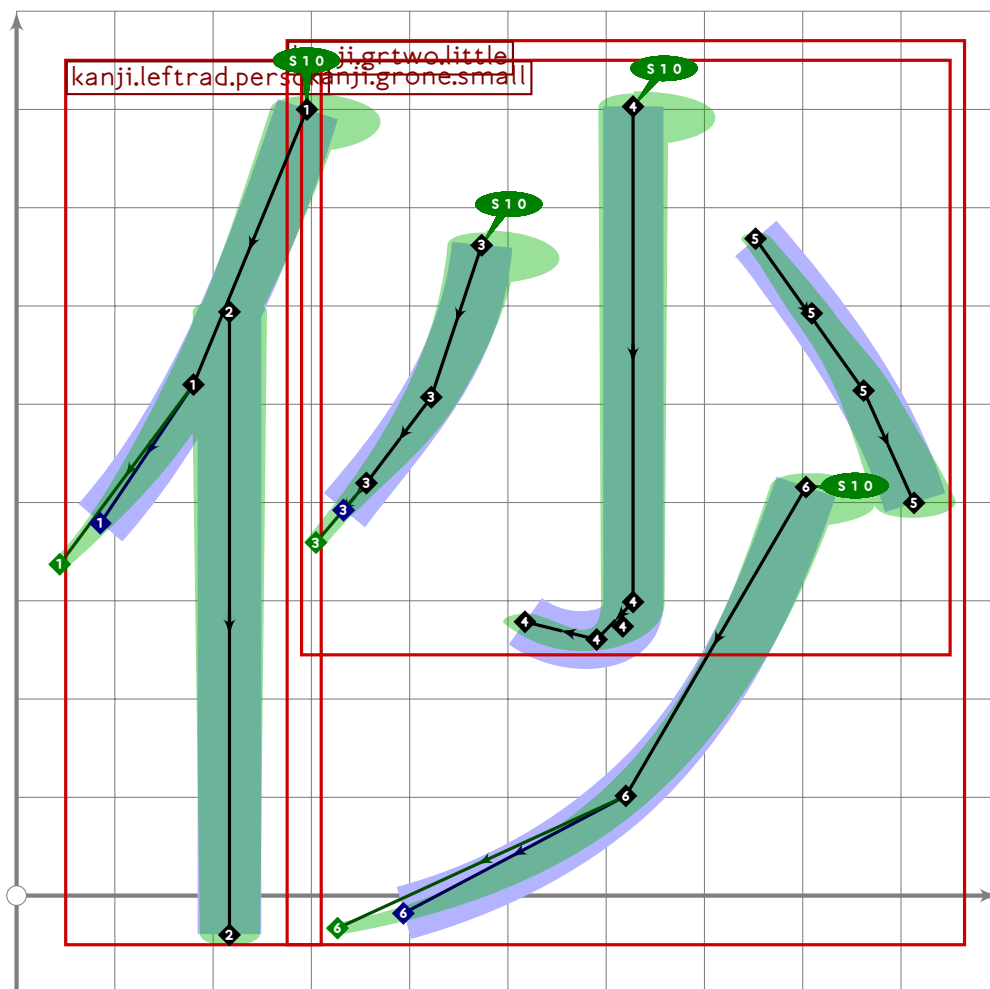
661 kanji.grfive.temporary;

662 tsu_render;

663 endtsuglyph;

664

[see page 1780]

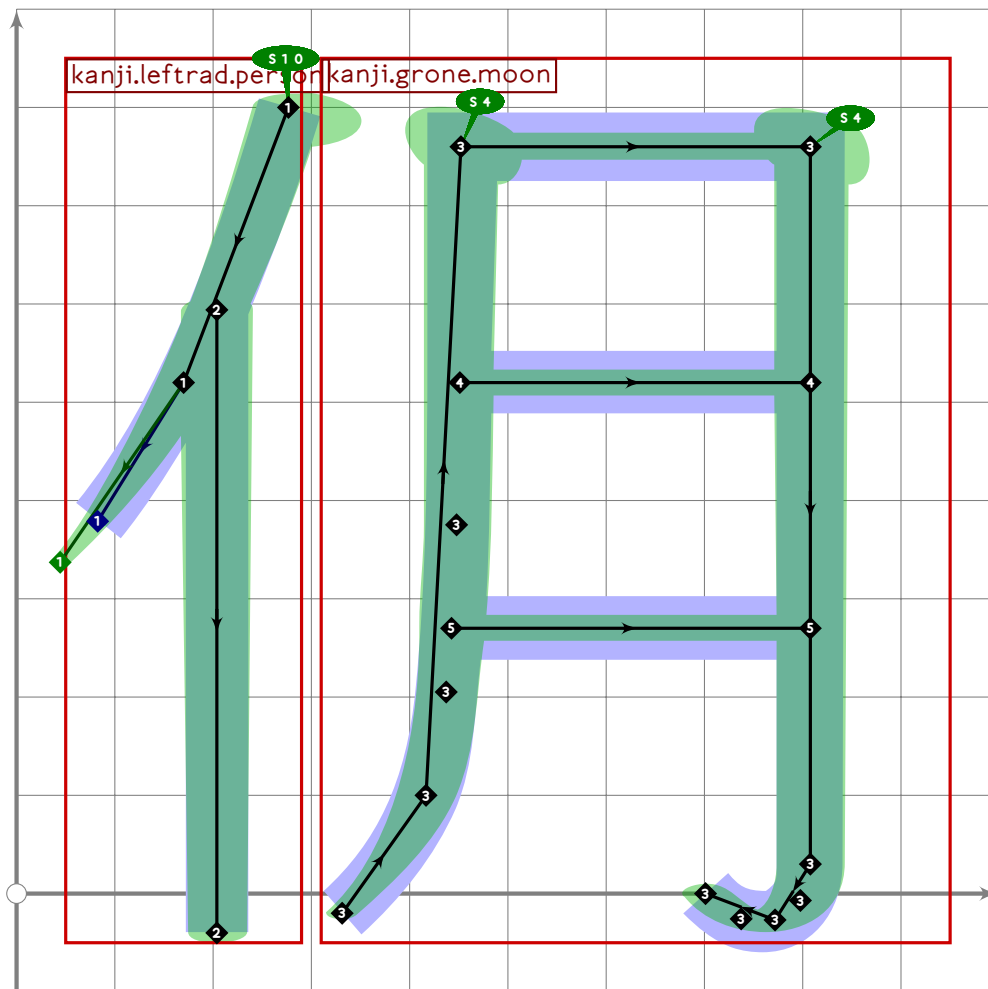


```

665 % extra
666 begintsuglyph("uni4EEF";239);
667   build_kanji.lr(300,20)
668     (kanji.leftrad.person)
669     (kanji.grtwo.little);
670   tsu_render;
671 endtsuglyph;
672
673 % naka/chuu "go-between"
674 begintsuglyph("uni4EF2";242);
675   kanji.grfour.go_between;
676   tsu_render;
677 endtsuglyph;
678

```

[see page 1777]



```

679 % extra
680 begintsuglyph("uni4EF4",244);
681   build_kanji.lr(300,-20)
682     (kanji.leftrad.person)
683     (kanji.grone.moon);
684   tsu_render;
685 endtsuglyph;
686
687 % ken/kudan "affair"
688 begintsuglyph("uni4EF6",246);
689   kanji.grfive.affair;
690   tsu_render;
691 endtsuglyph;
692
693 % nin/maka "responsibility"
694 begintsuglyph("uni4EFB",251);
695   kanji.grfive.responsibility;
696   tsu_render;
697 endtsuglyph;
698
699
```

[see page 1778]

[see page 649]

```
700
701 endfont;
702
703
```

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
51
```

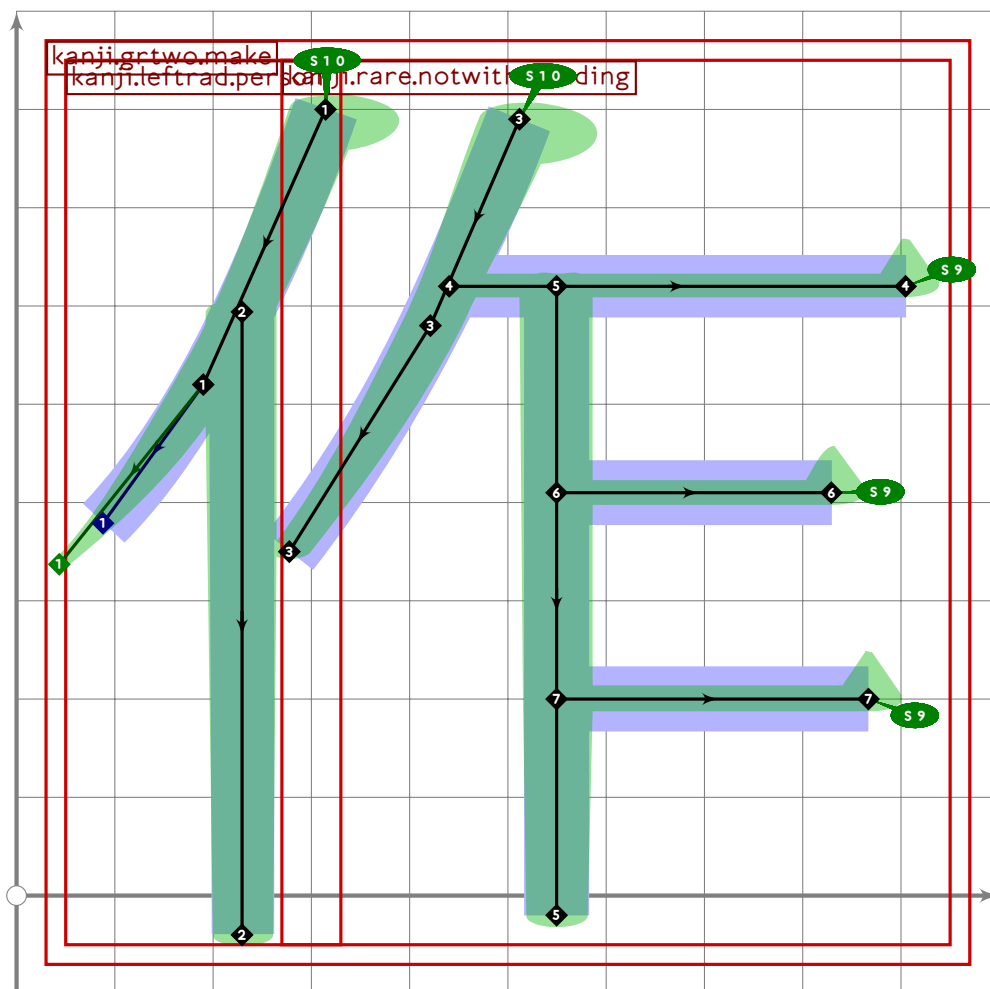
```
52 do_late_includes;
```

```
53
```

```
54
```

U+4F5C
tsuku.uni4F5C

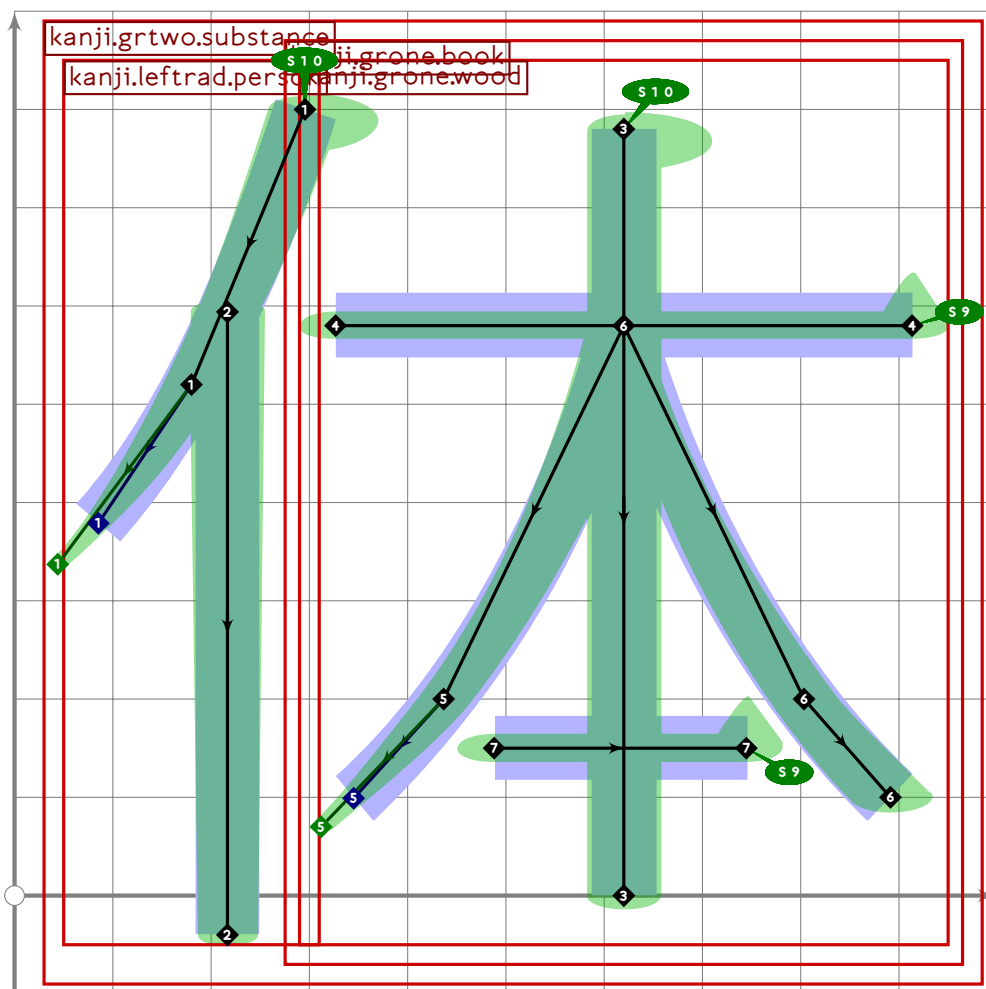
4F



```

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

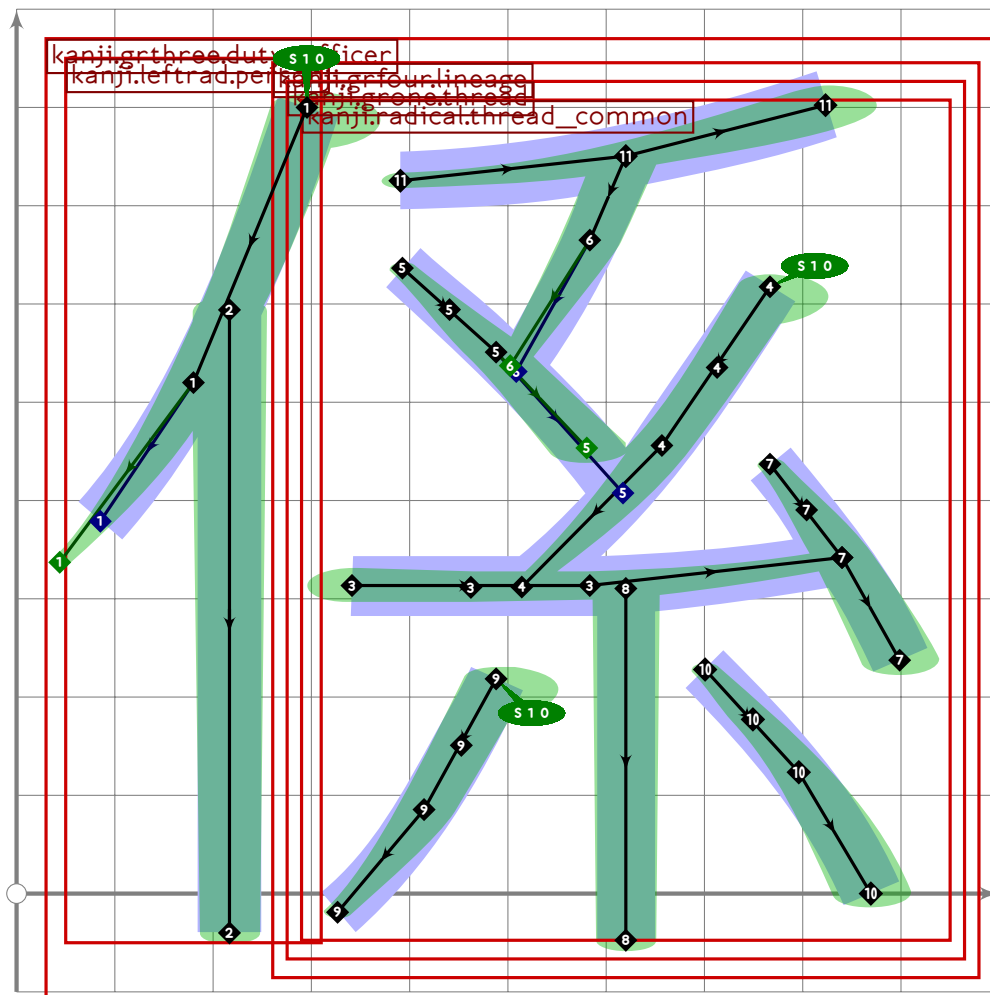
```



```

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

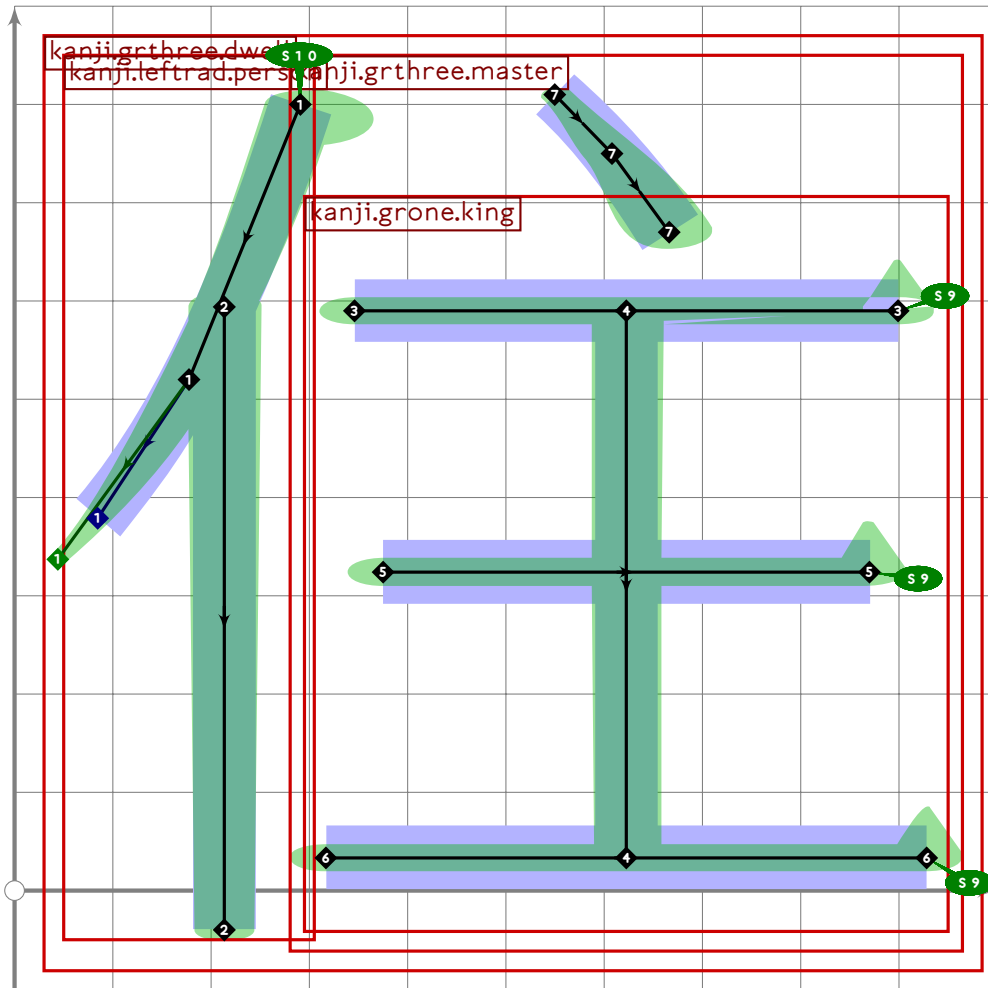
```



```

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

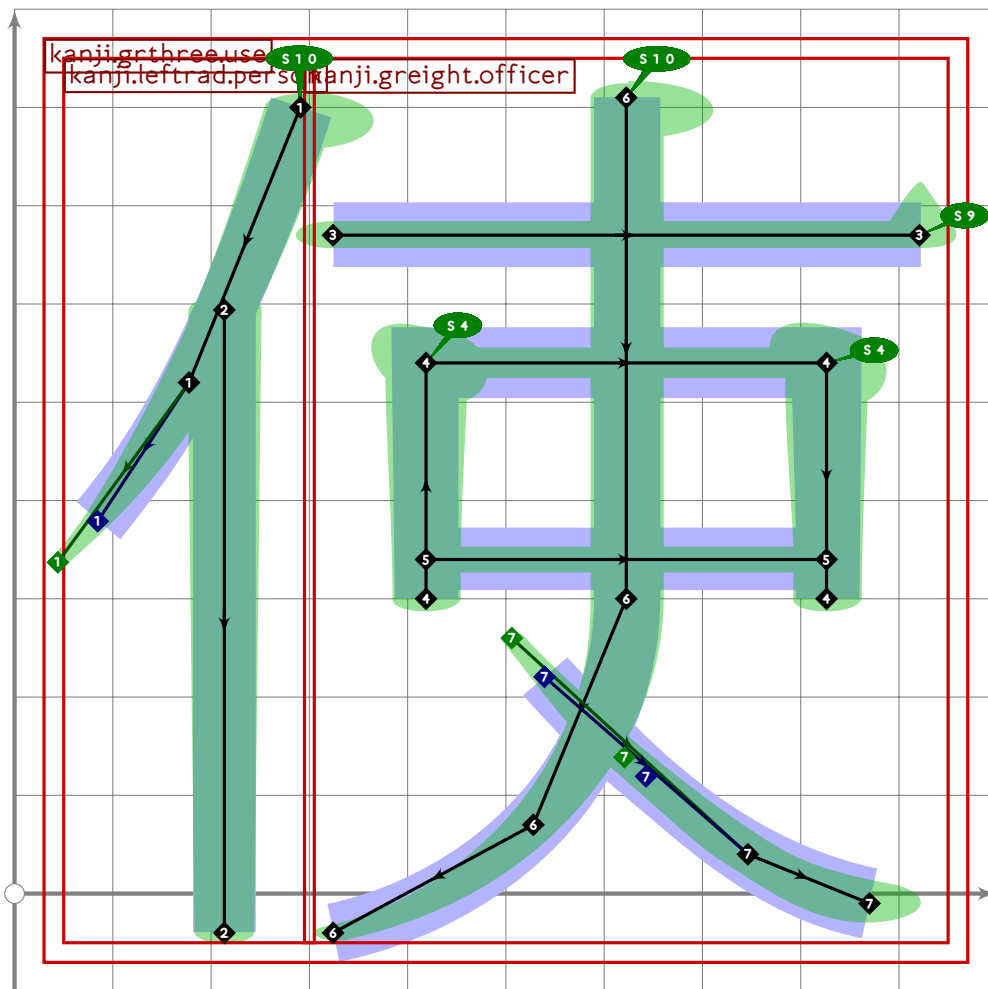
```



```

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

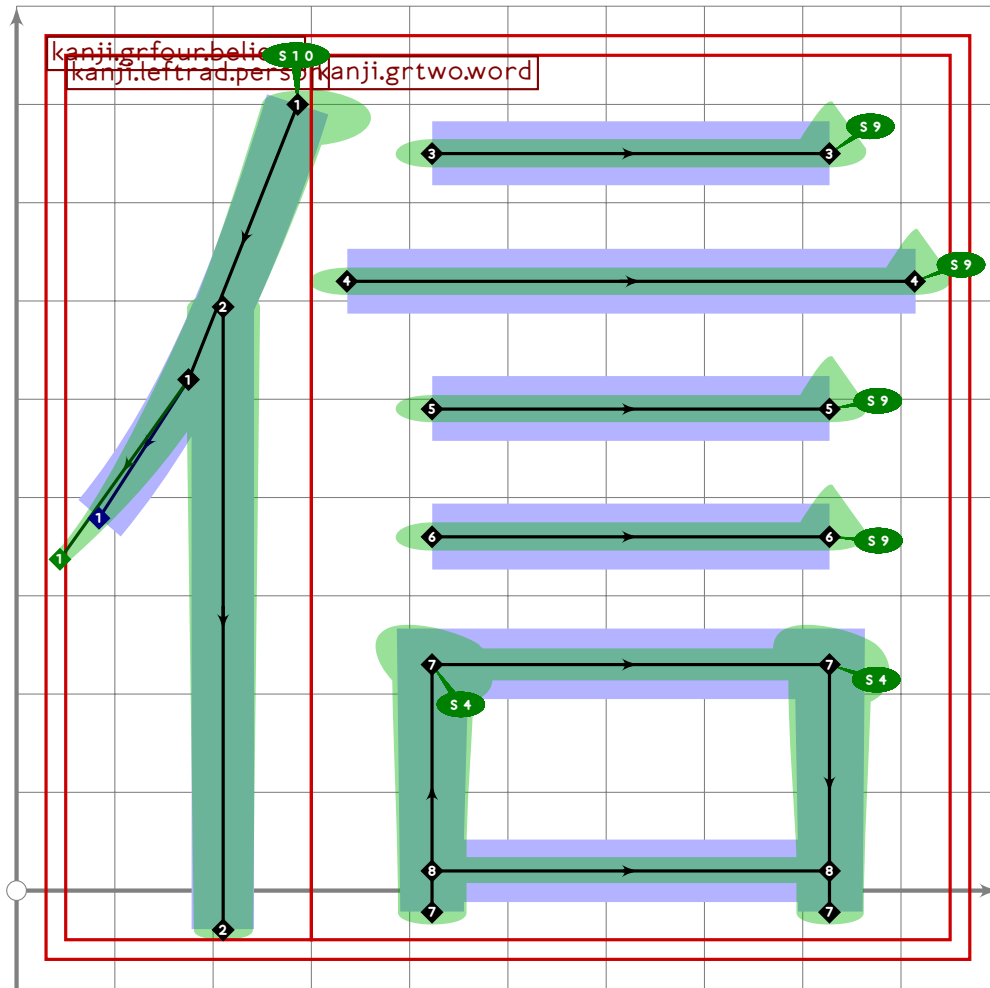
```



```

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

```

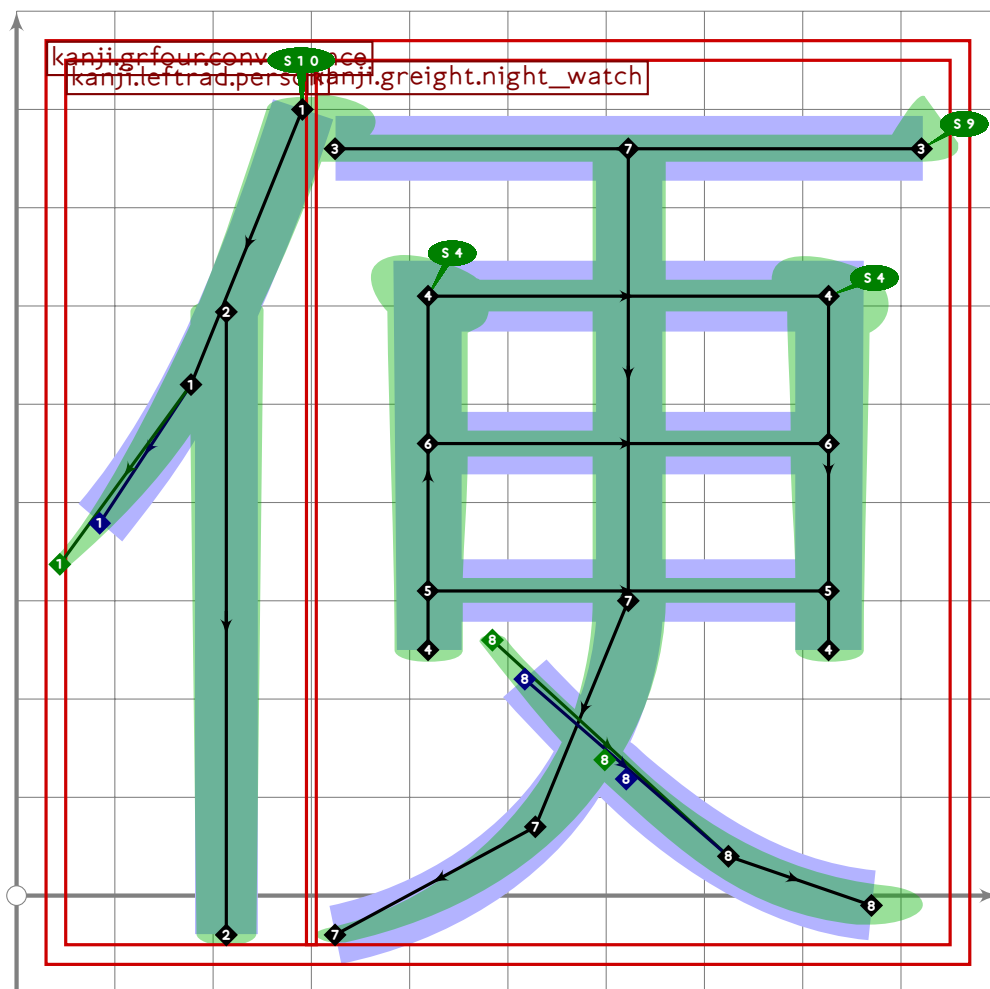
```

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

```

U+4FBF
tsuku.uni4FBF

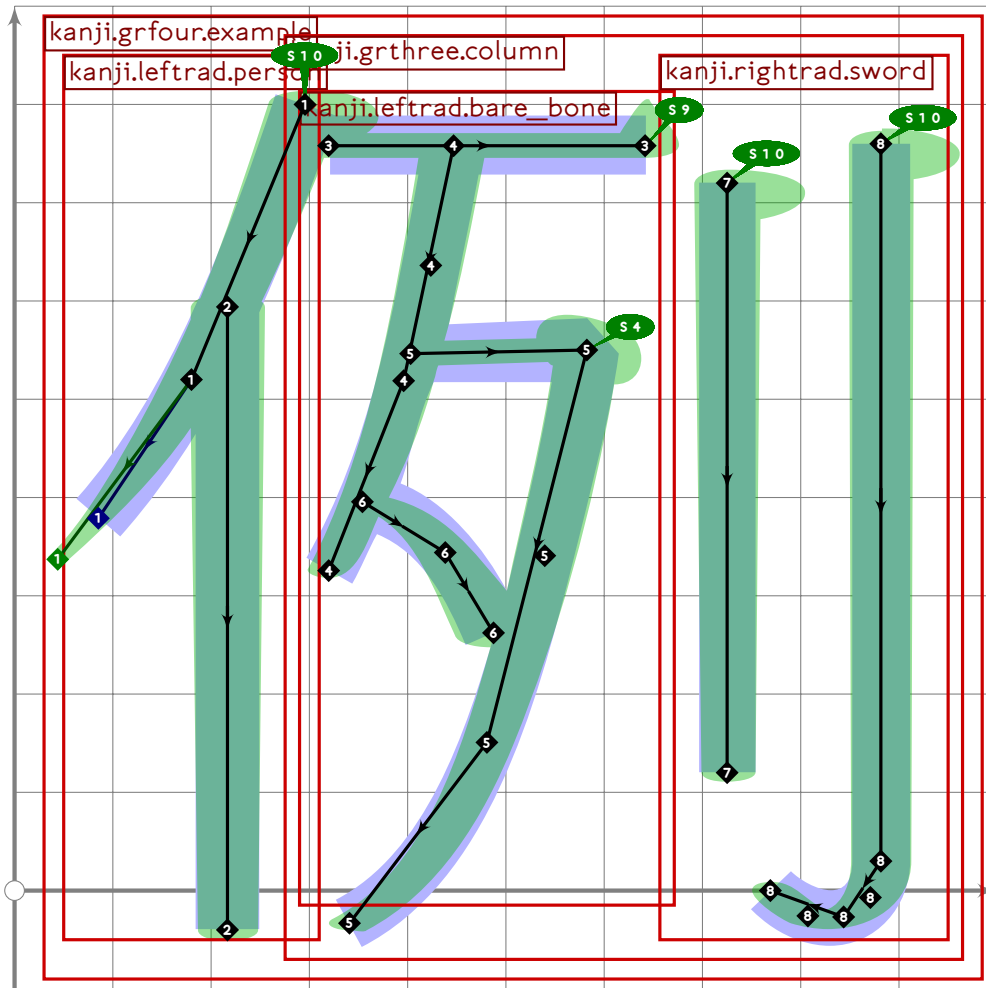
4F



```

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

```



4F

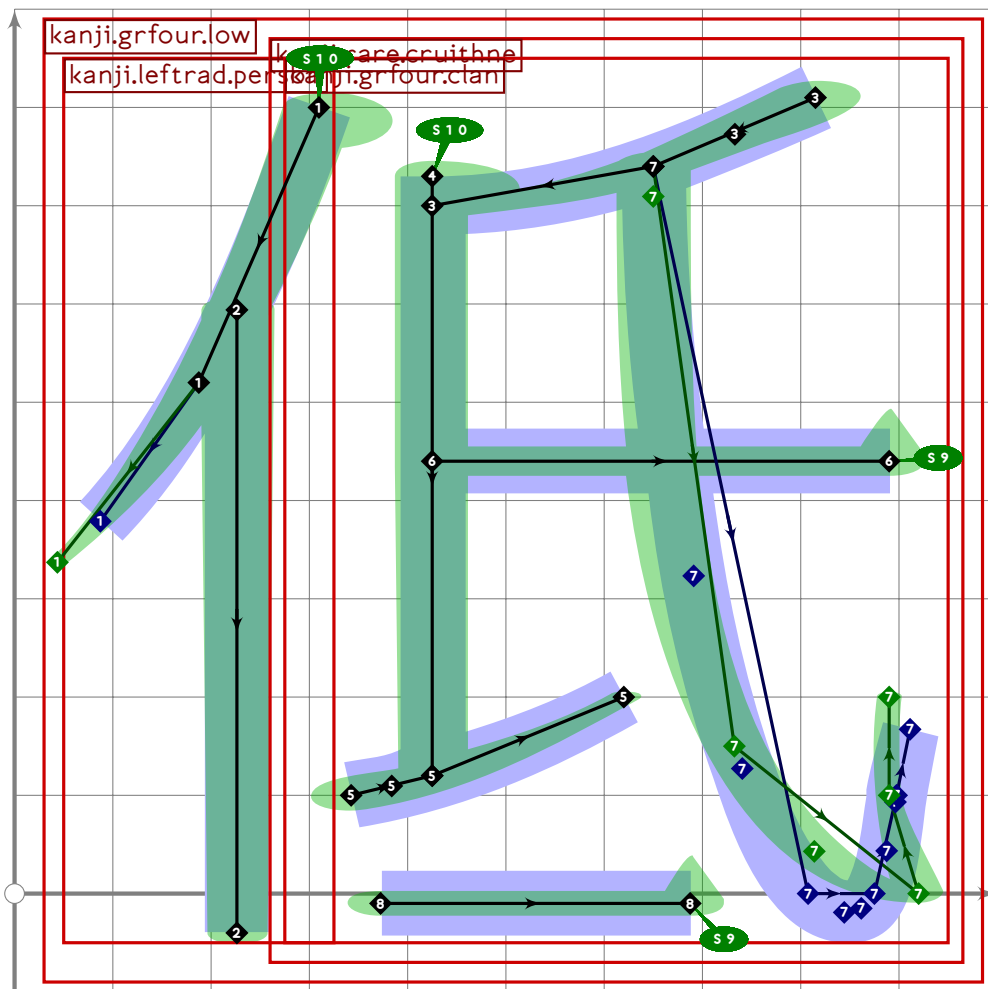
```

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

```

U+4F4E
tsuku.uni4F4E

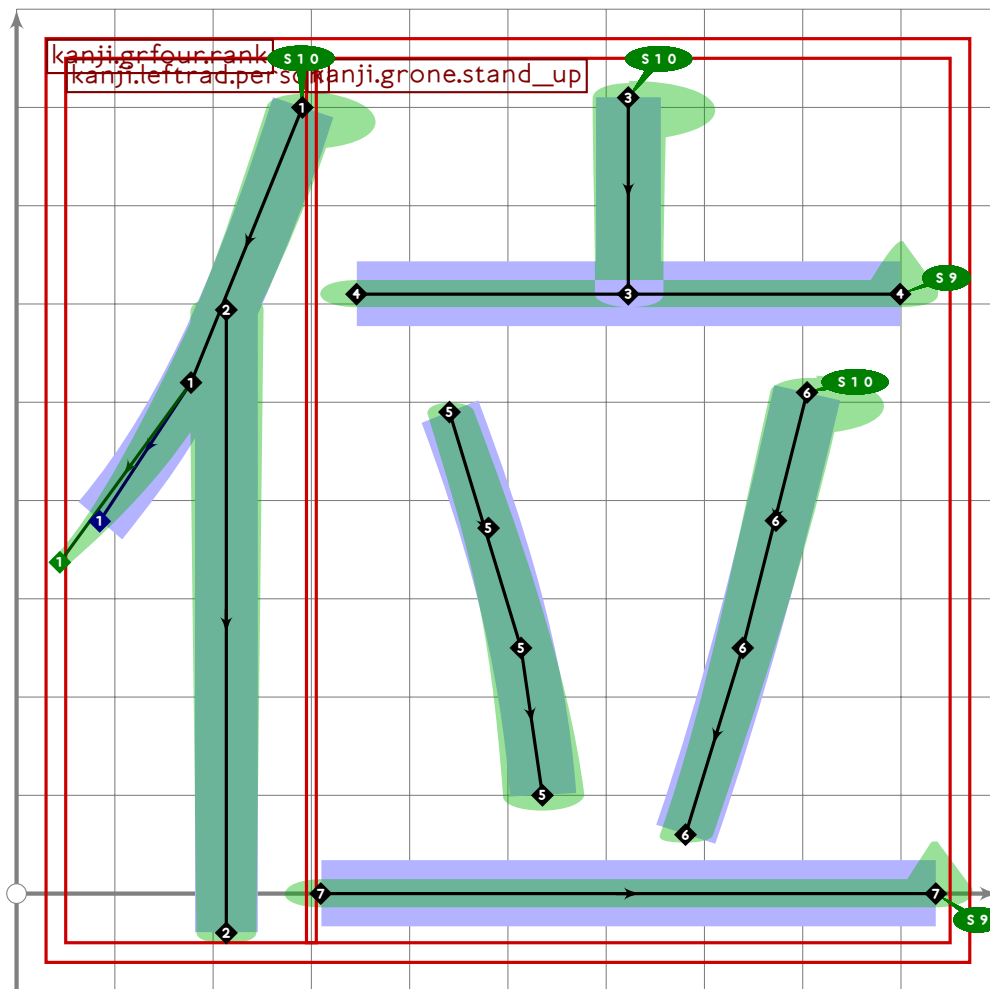
4F



```

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

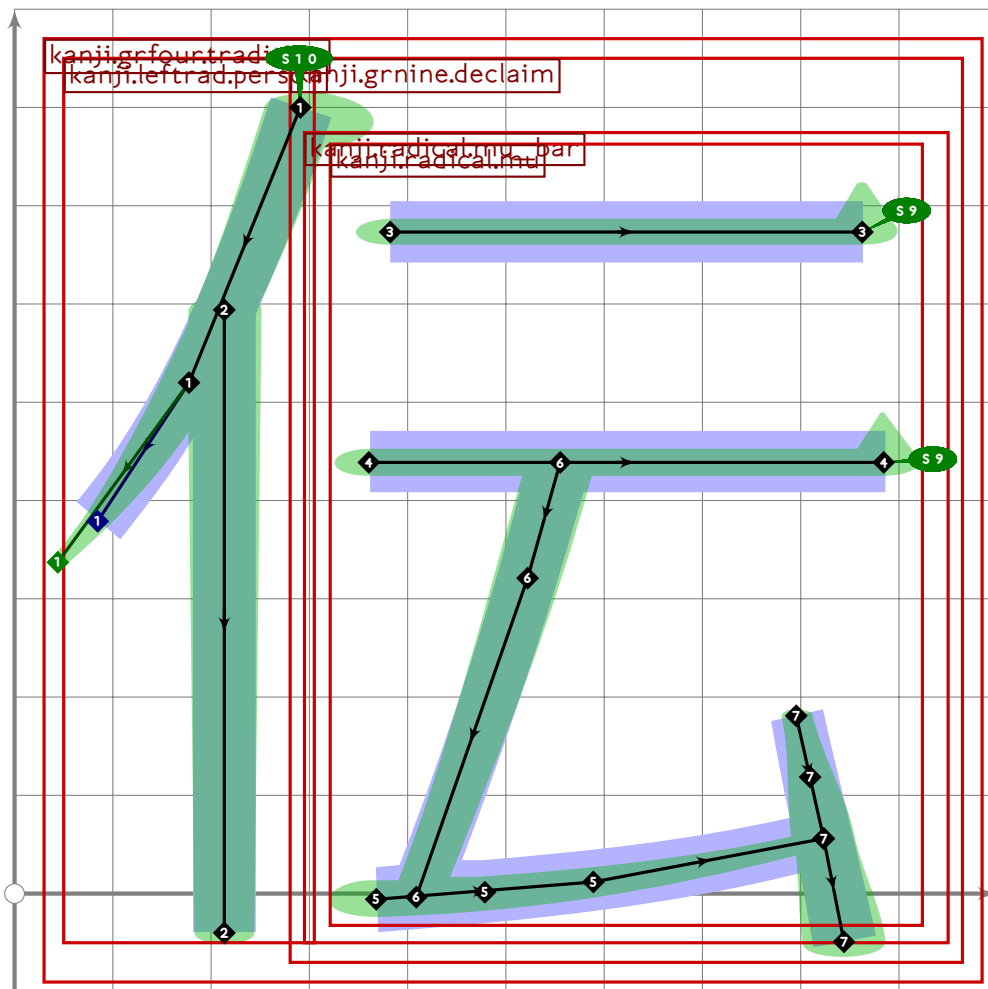
```



```

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

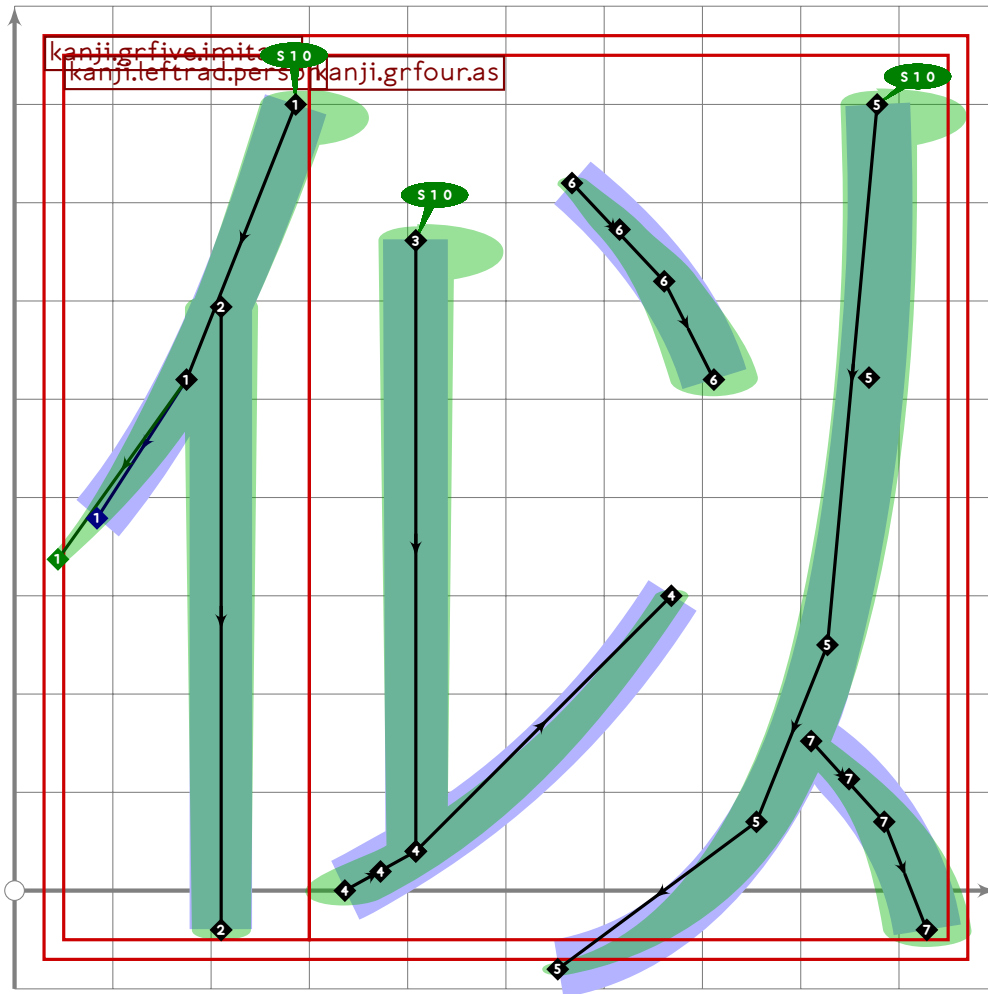
```



```

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

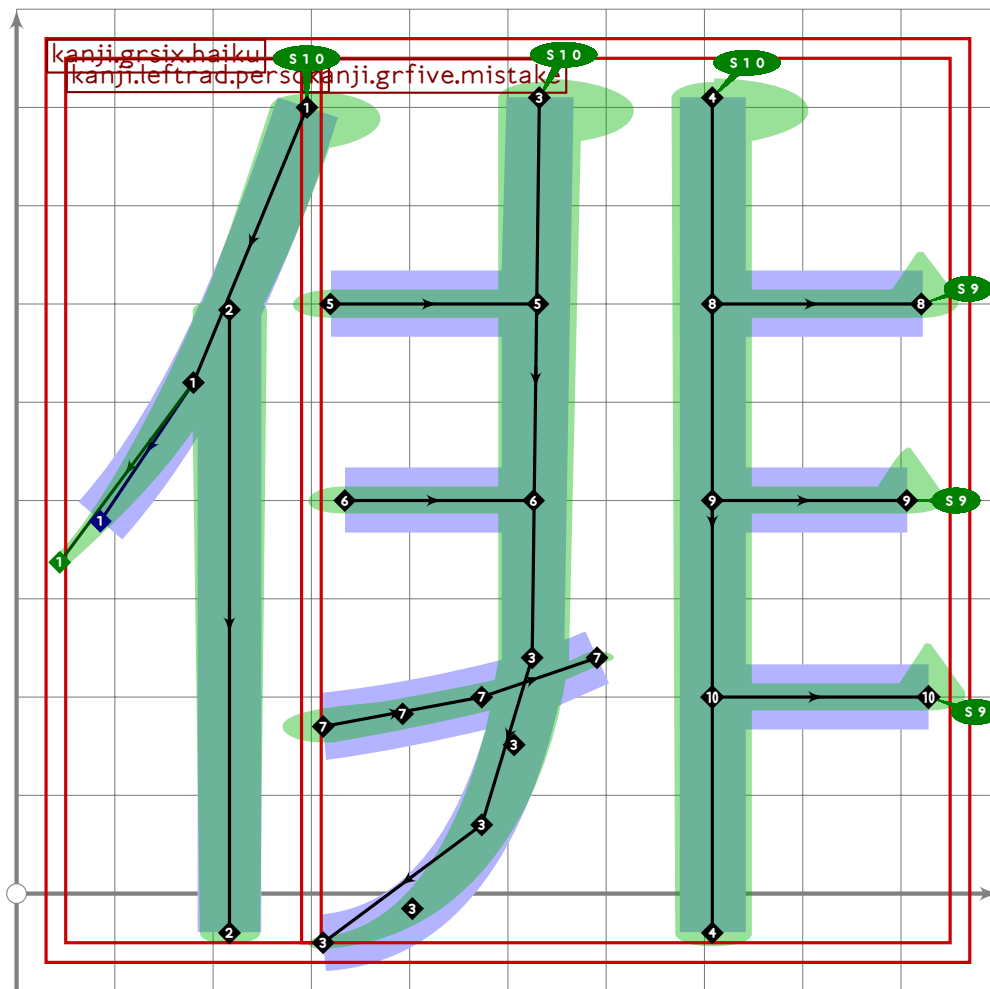
```



```

149
150 vardef kanji.grfive.imitate =
151   push_pbox_toexpand("kanji.grfive.imitate");
152   build_kanji.lr(300,0)
153     (kanji.leftrad.person)
154     (kanji.grfour.as;
155       replace_stroke(-4)(subpath (0.16,infinity) of oldp));
156   expand_pbox;
157 enddef;
158
159

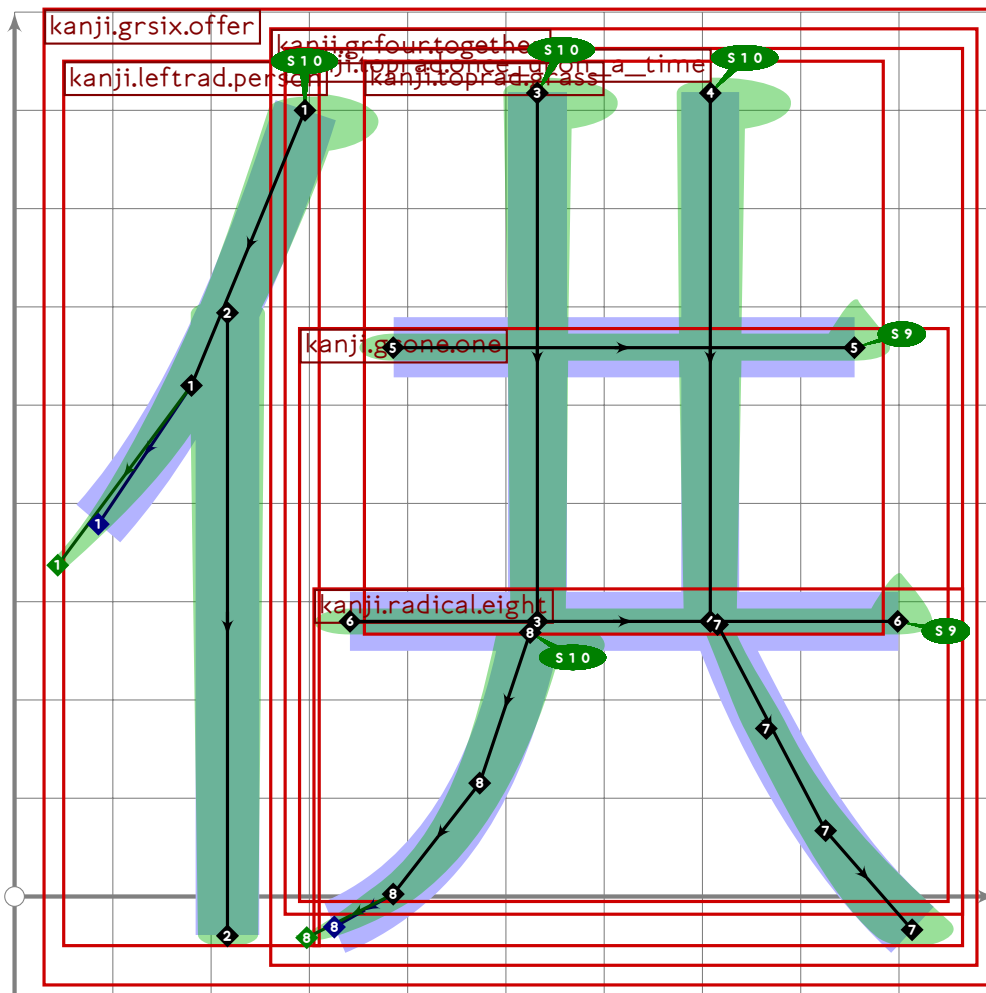
```



```

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

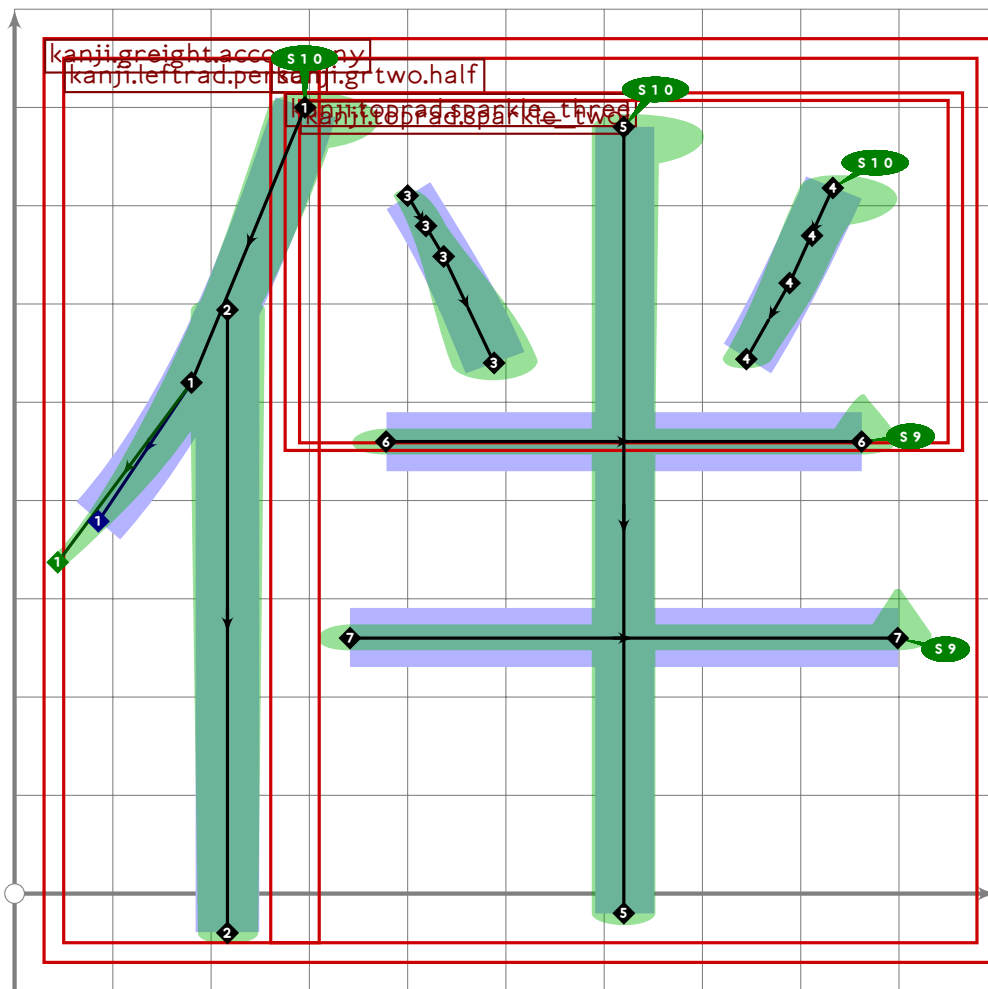
```

```

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

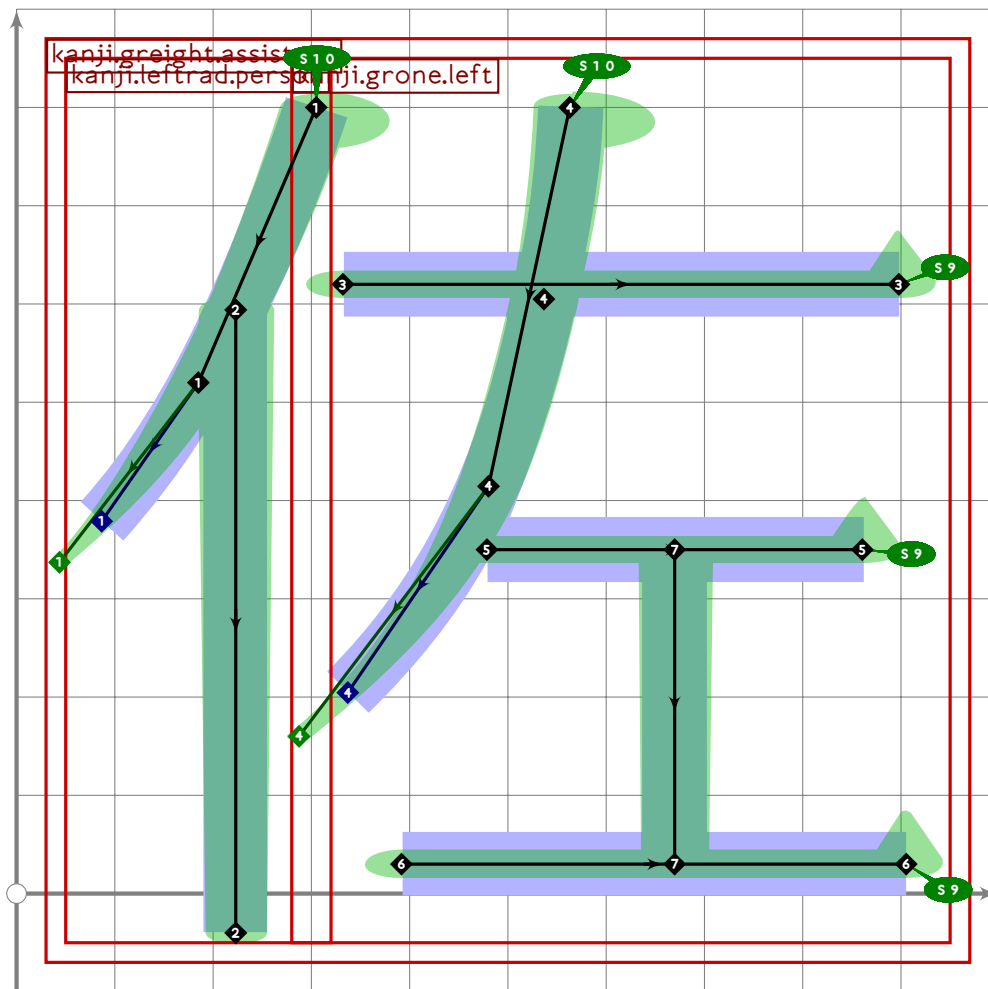
```



```

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

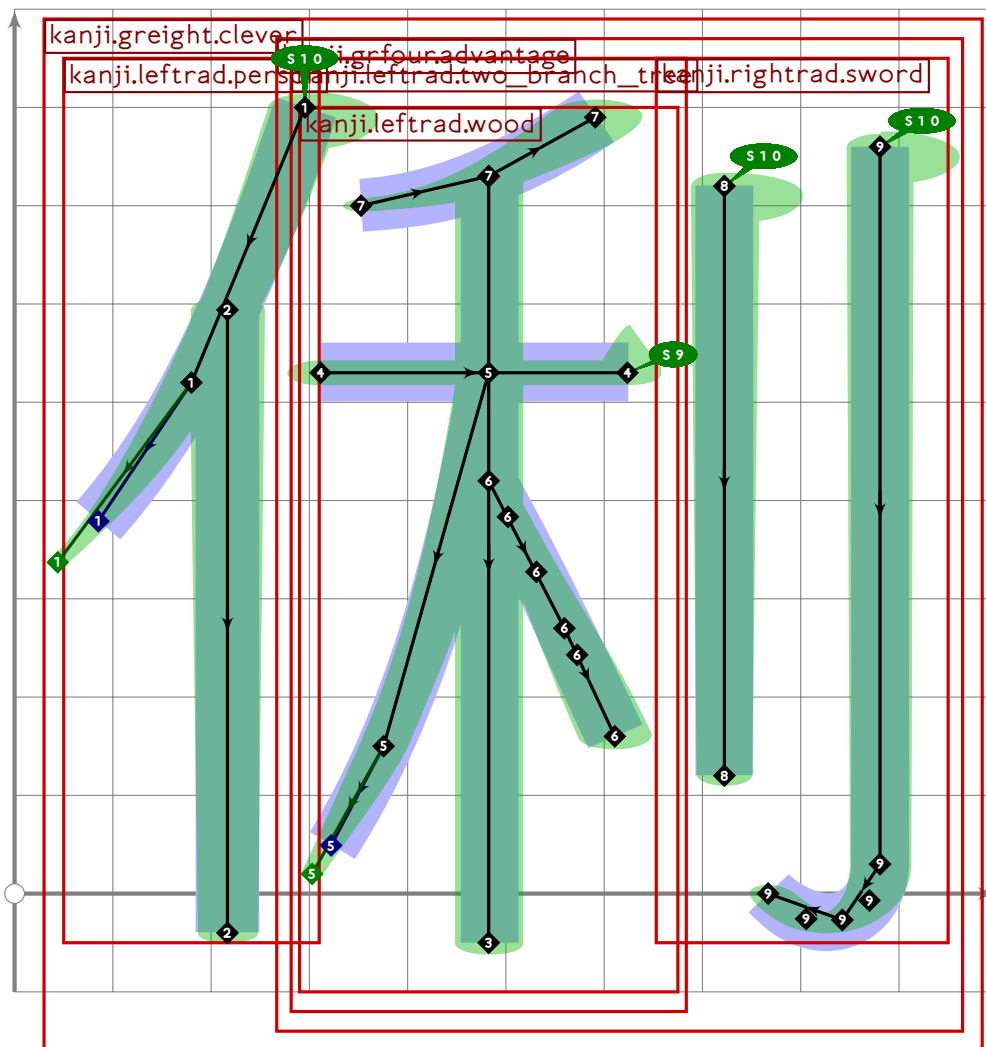
```



```

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

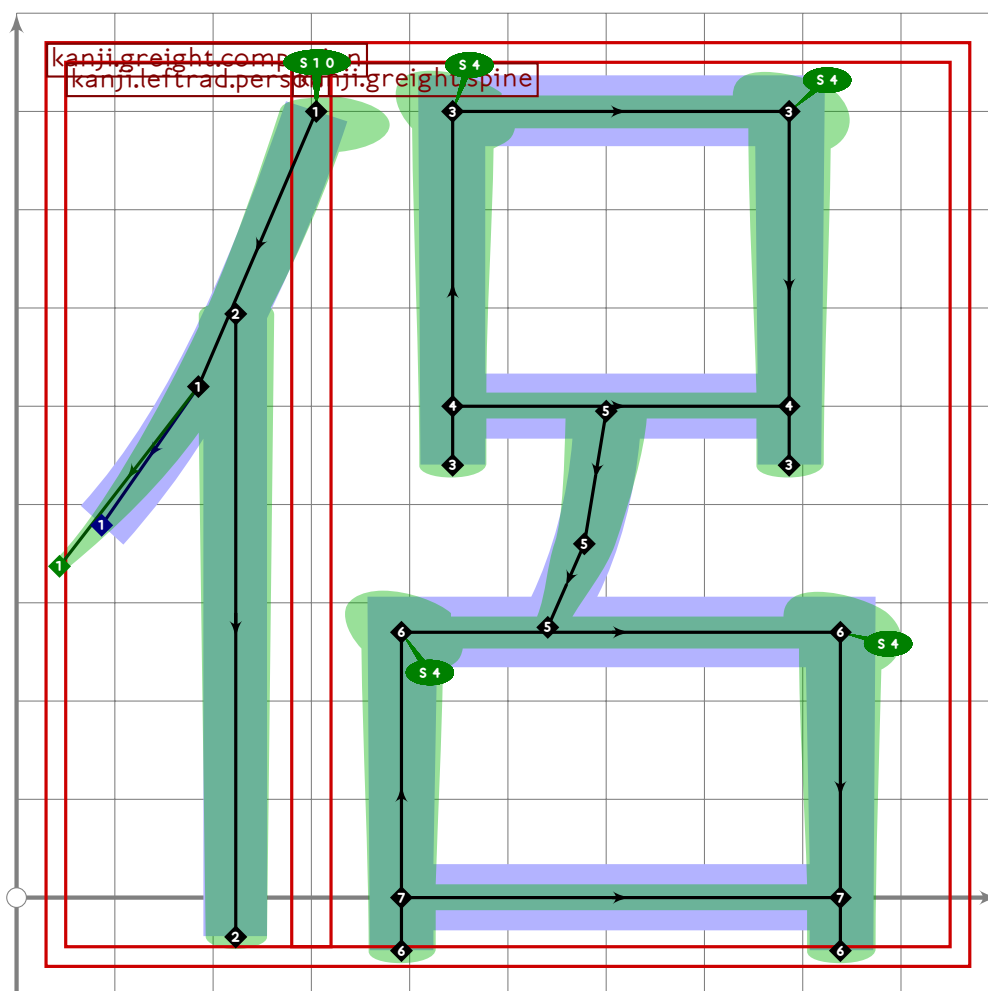
```



```

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

```



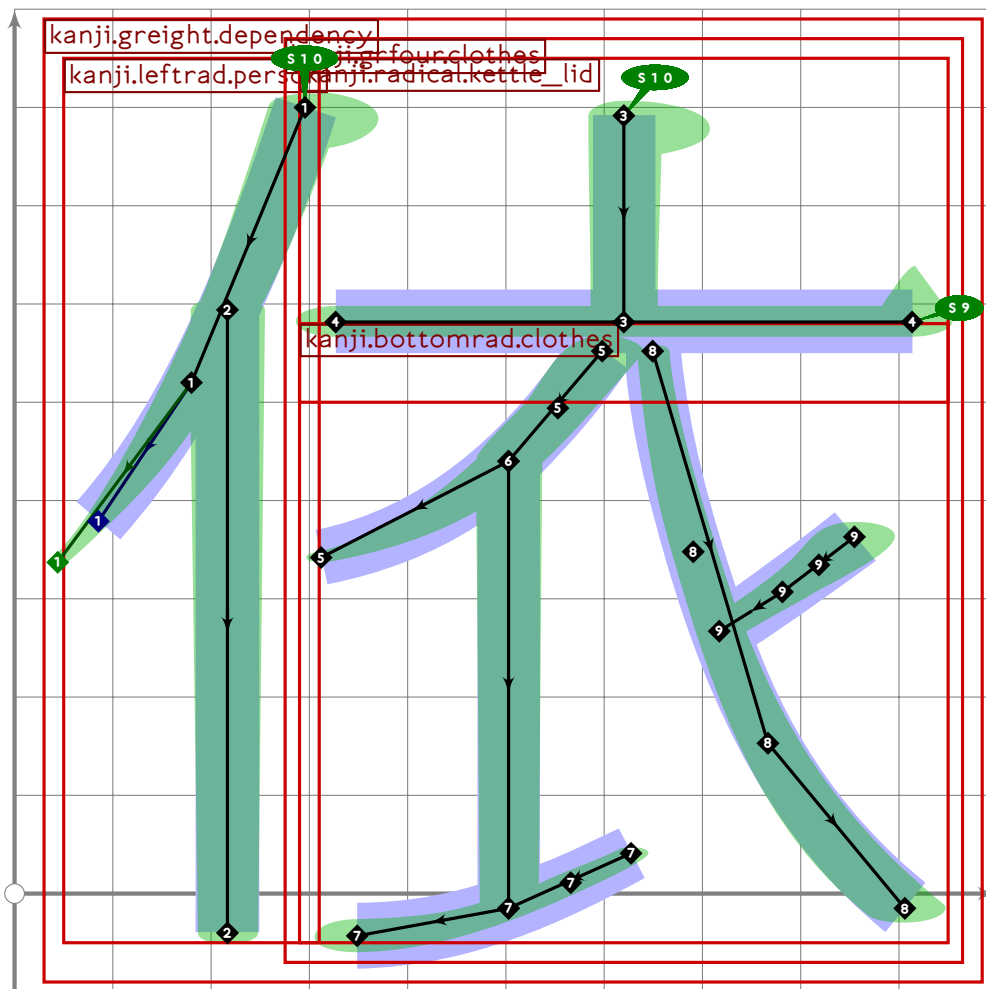
```

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

```

U+4F9D
tsuku.uni4F9D

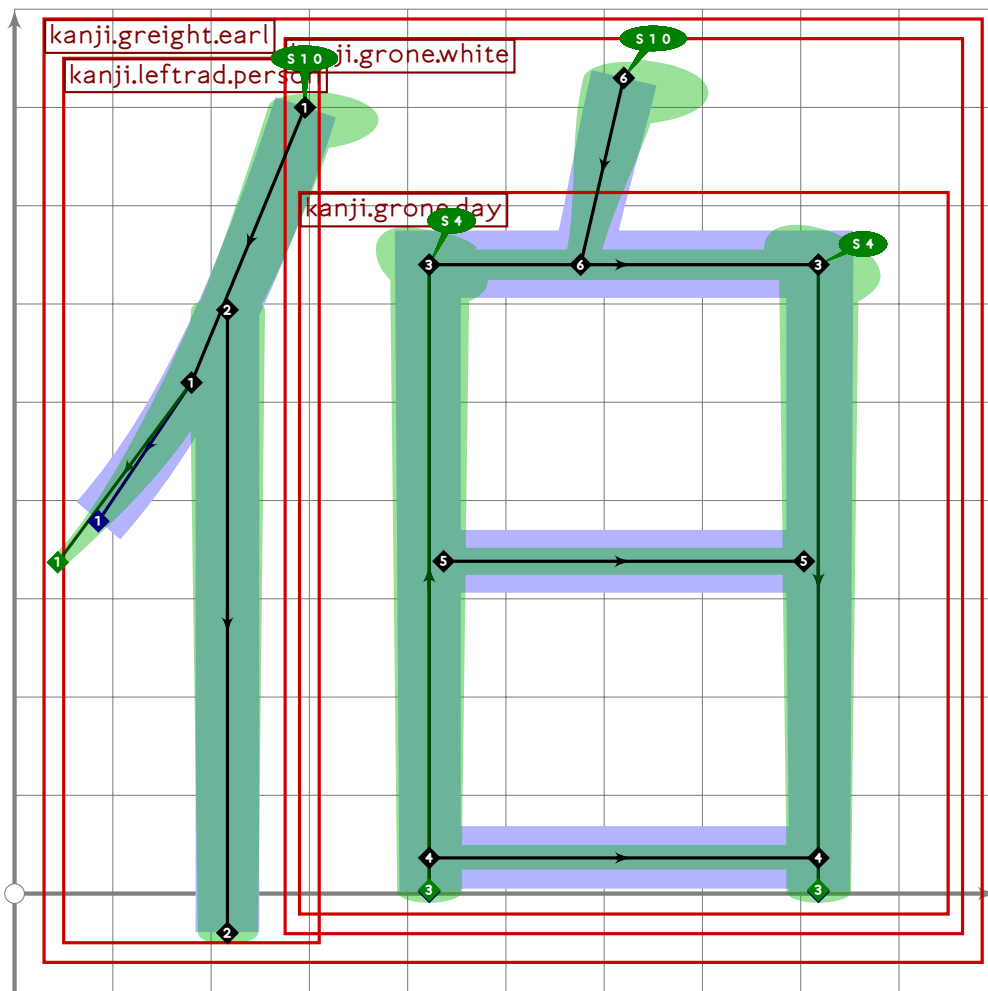
4F



```

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

```



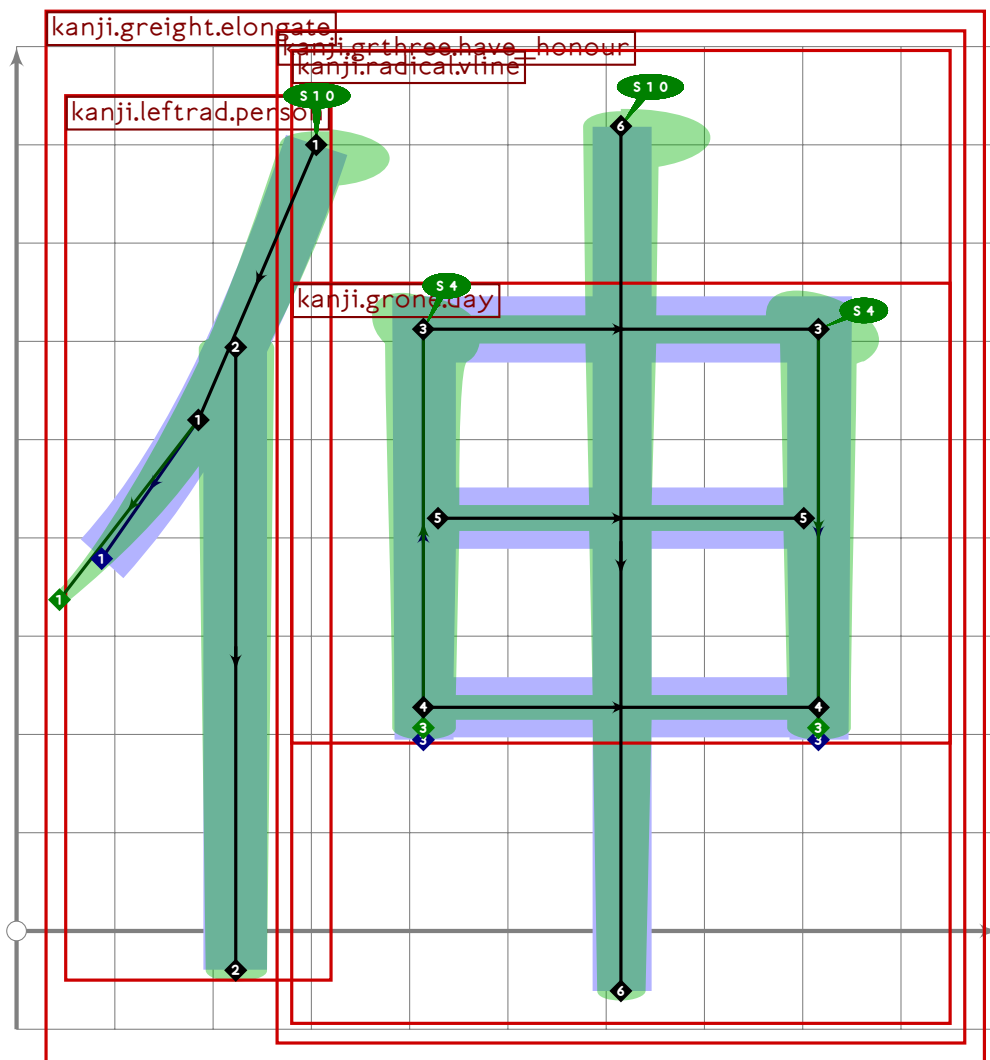
```

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

```

U+4F38
tsuku.uni4F38

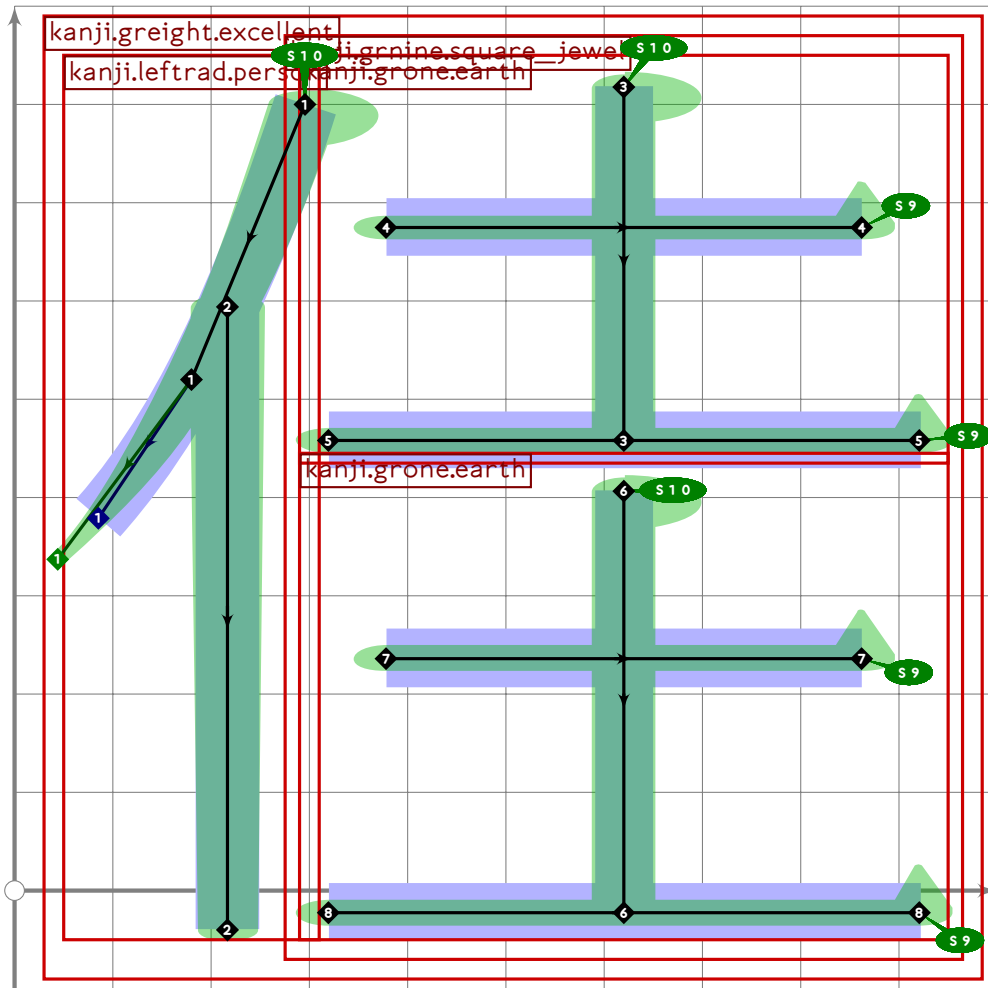
4F



```

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

```

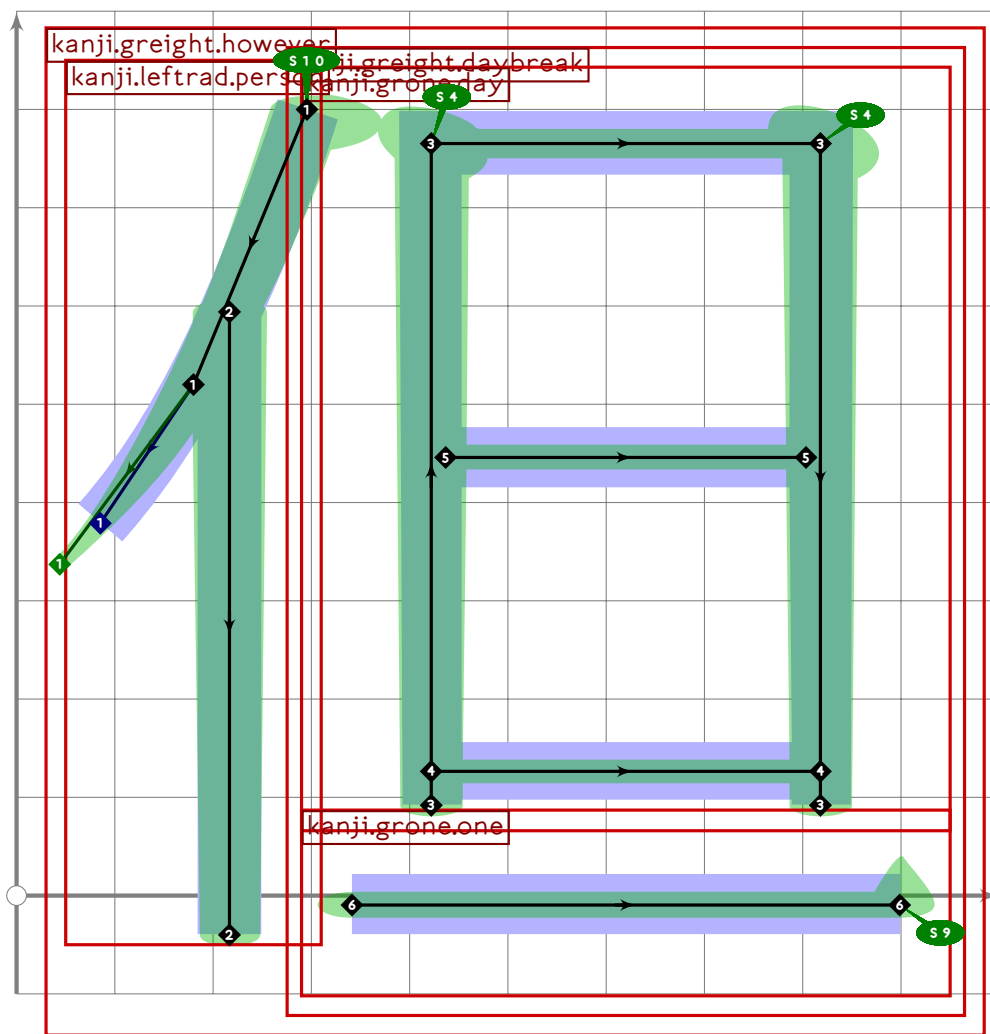
```

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

```

U+4F46
tsuku.uni4F46

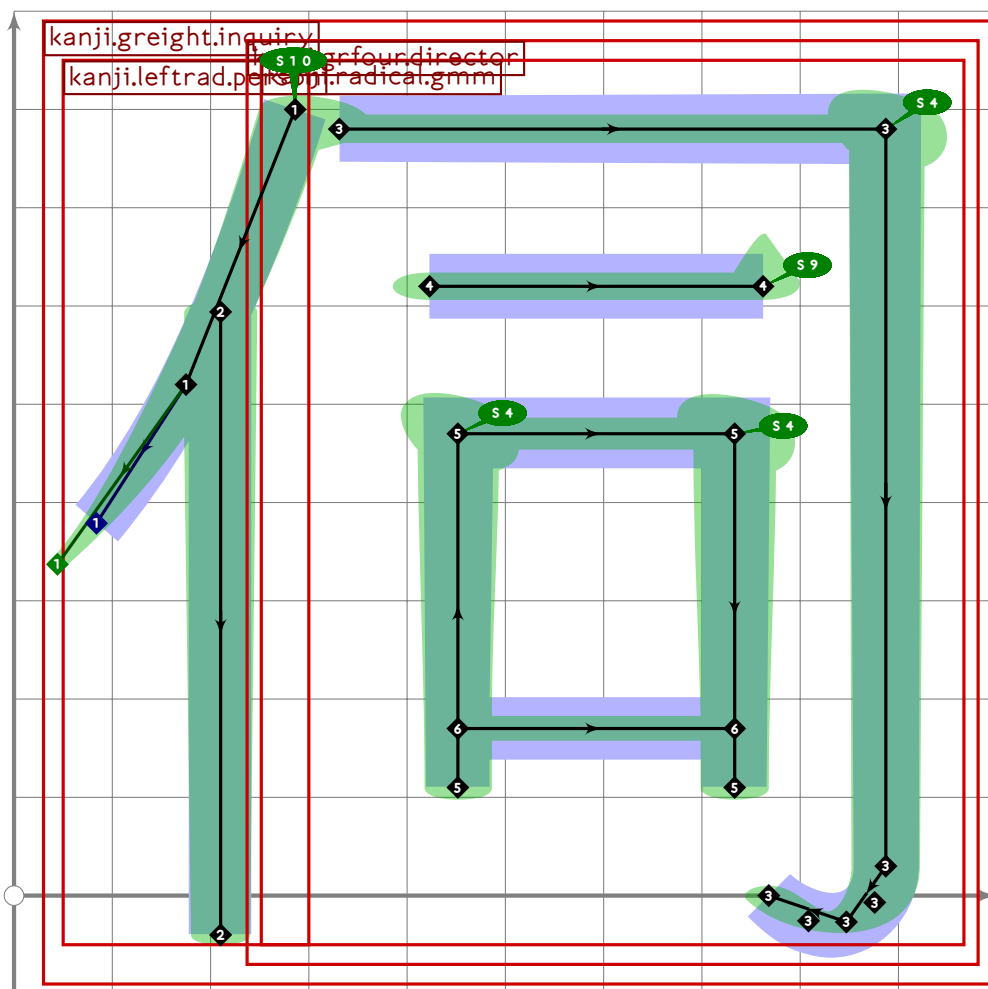
4F



```

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

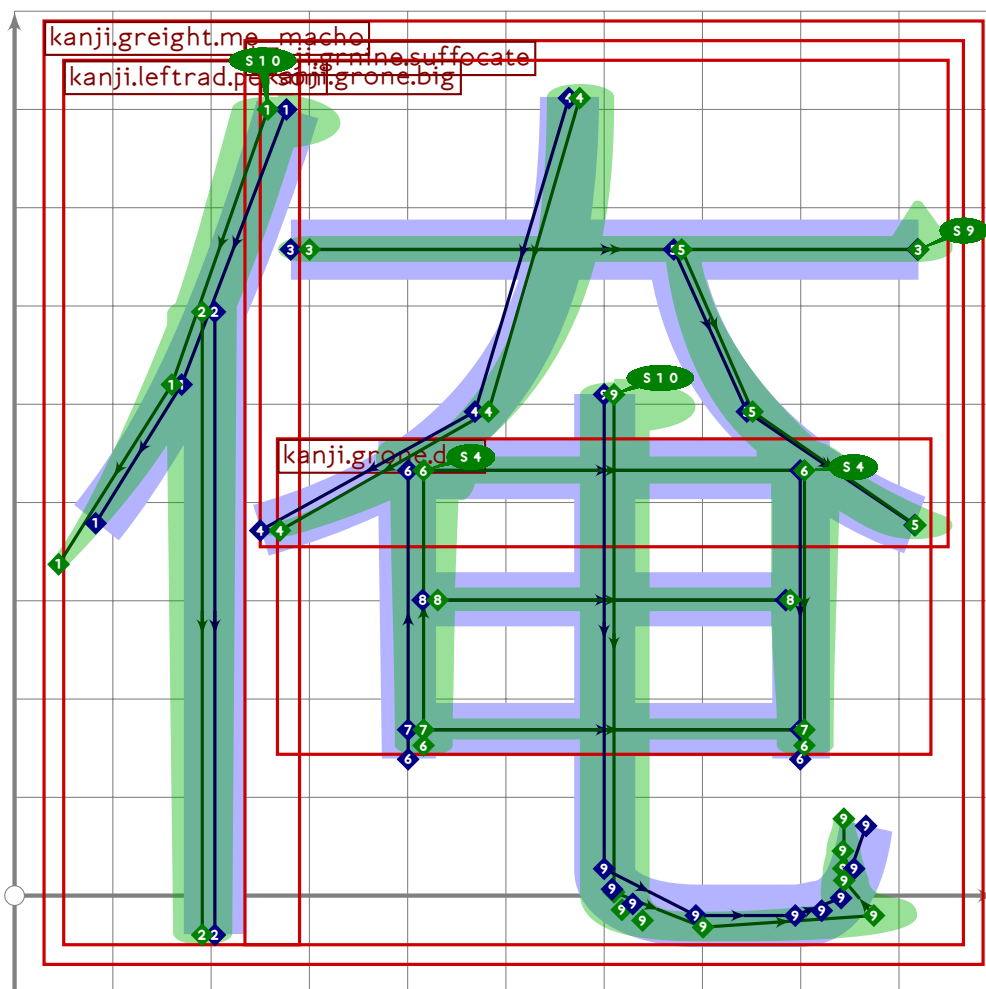
```



```

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

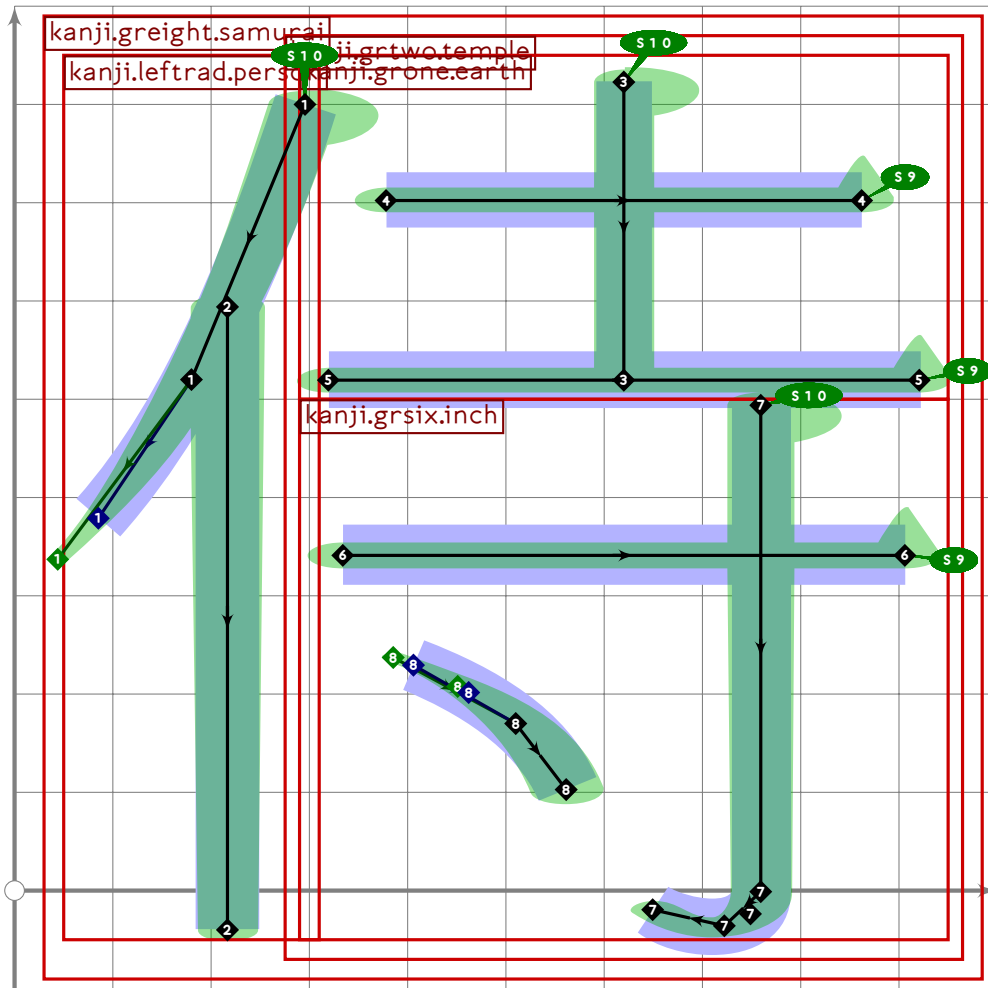
```



```

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

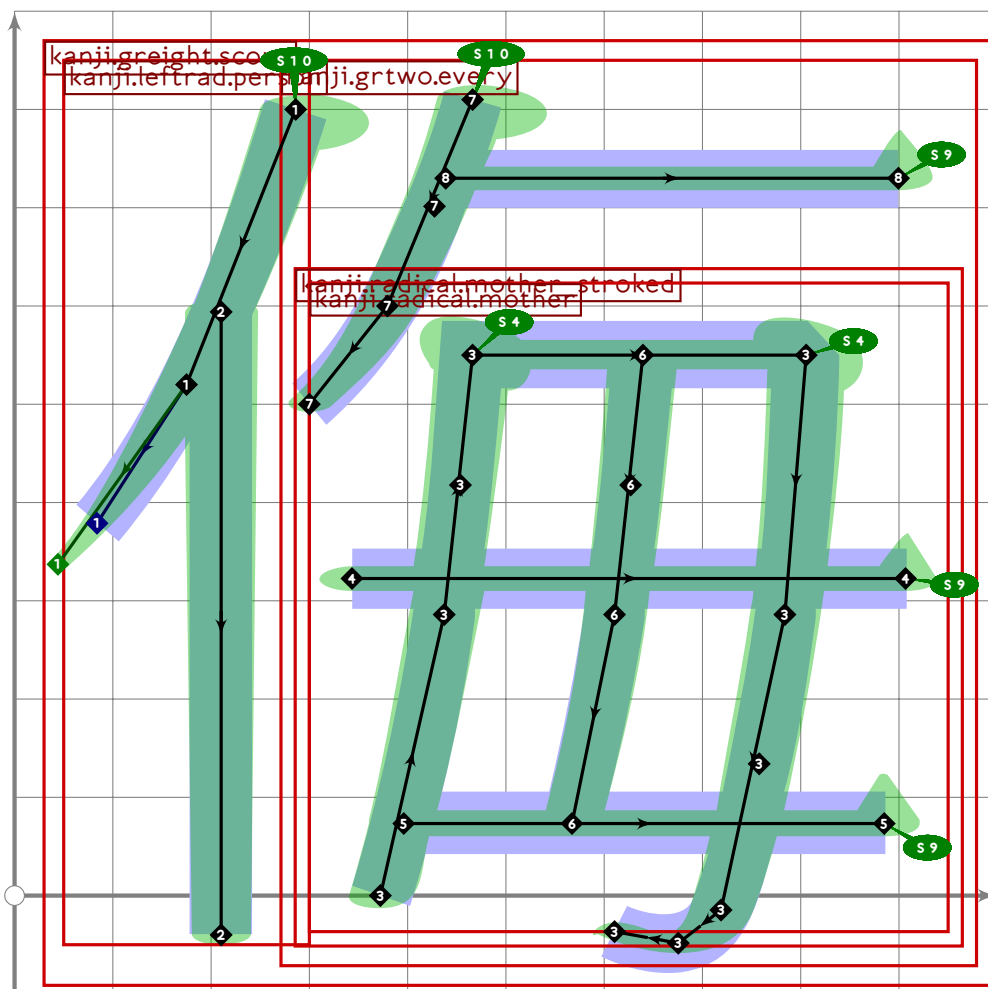
```



```

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

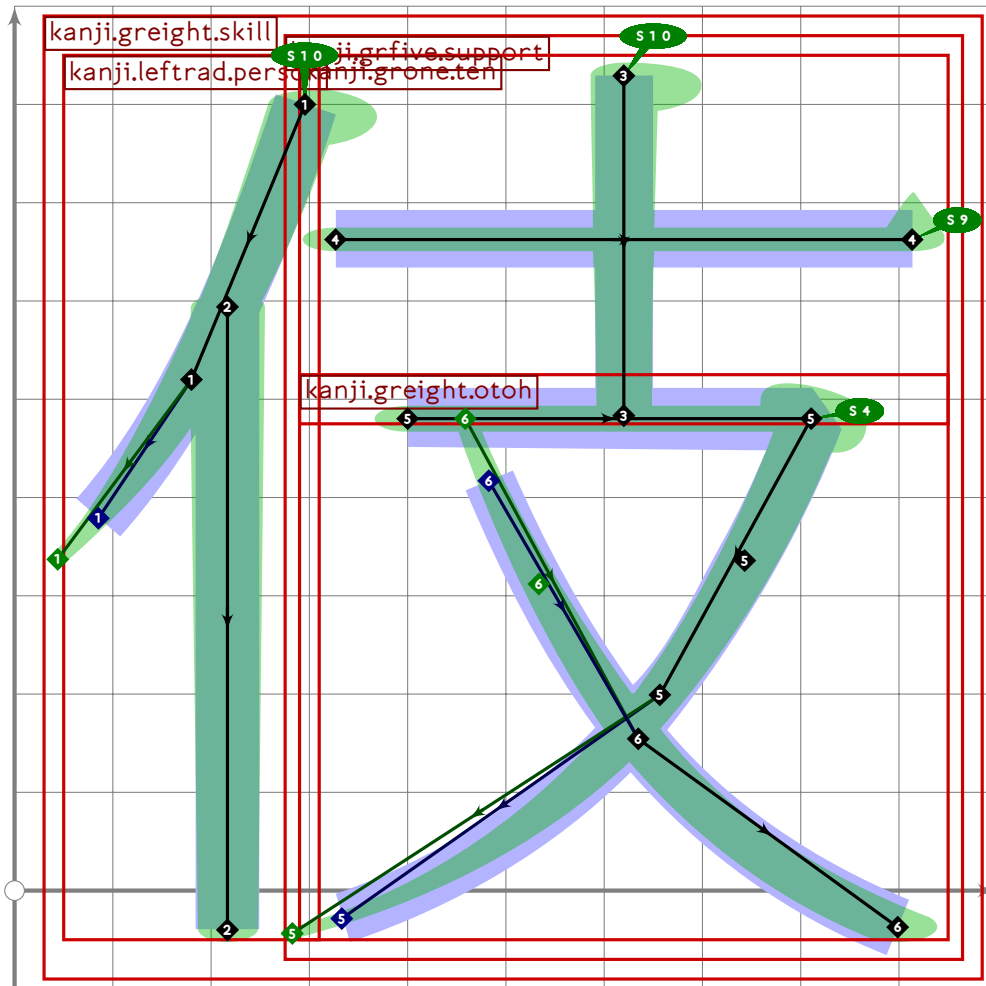
```



```

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

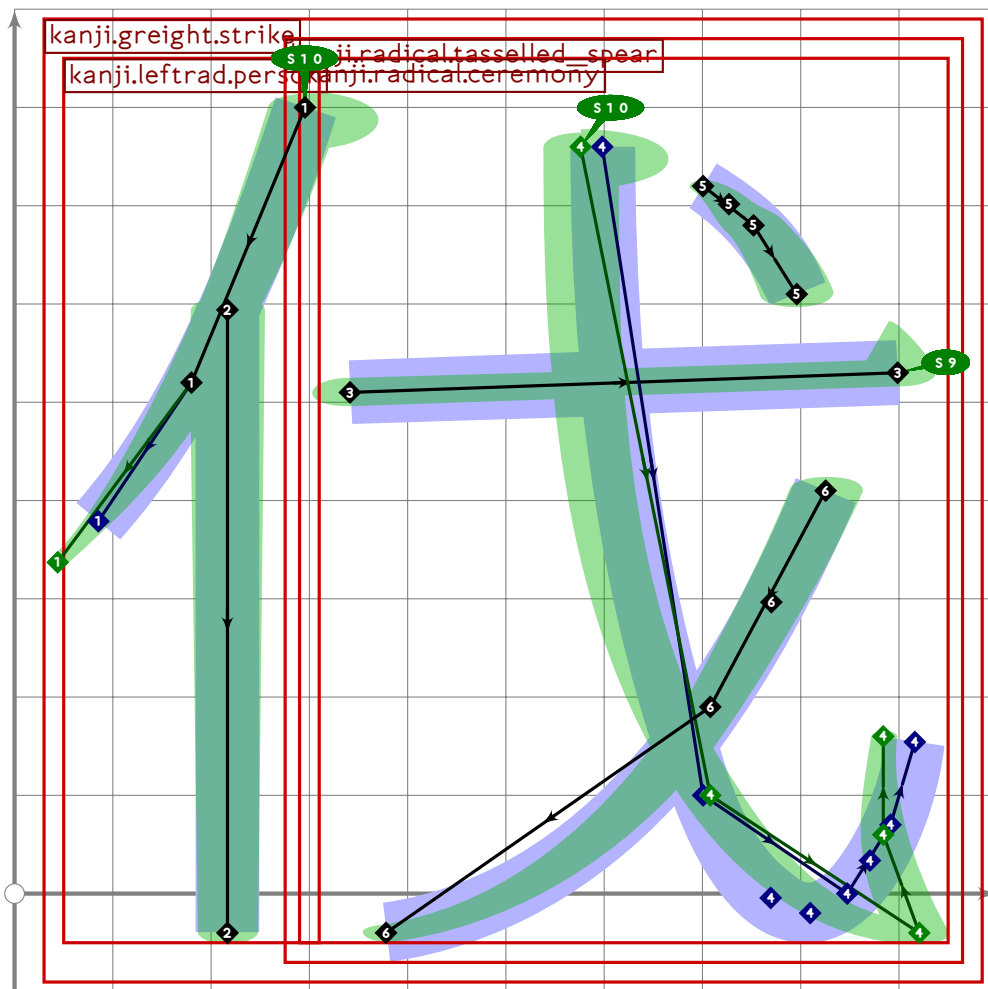
```



```

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

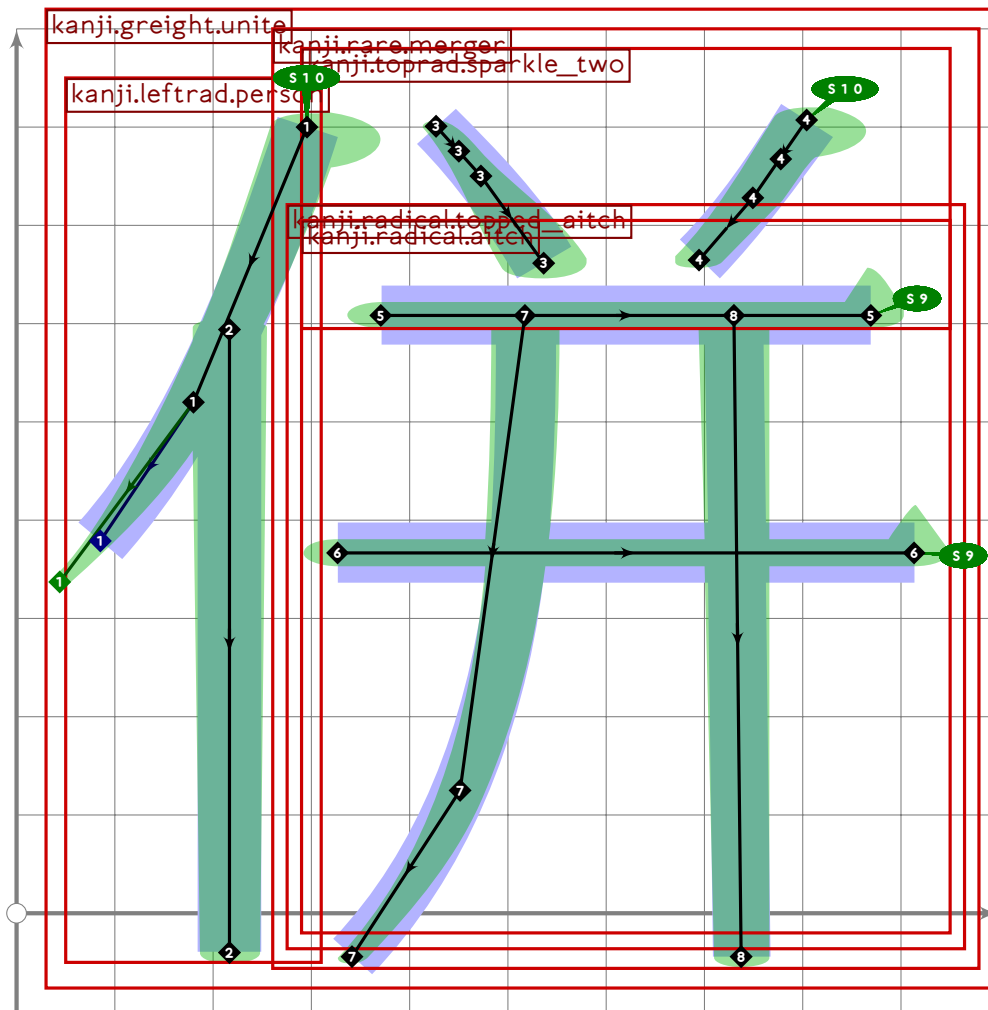
```



```

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

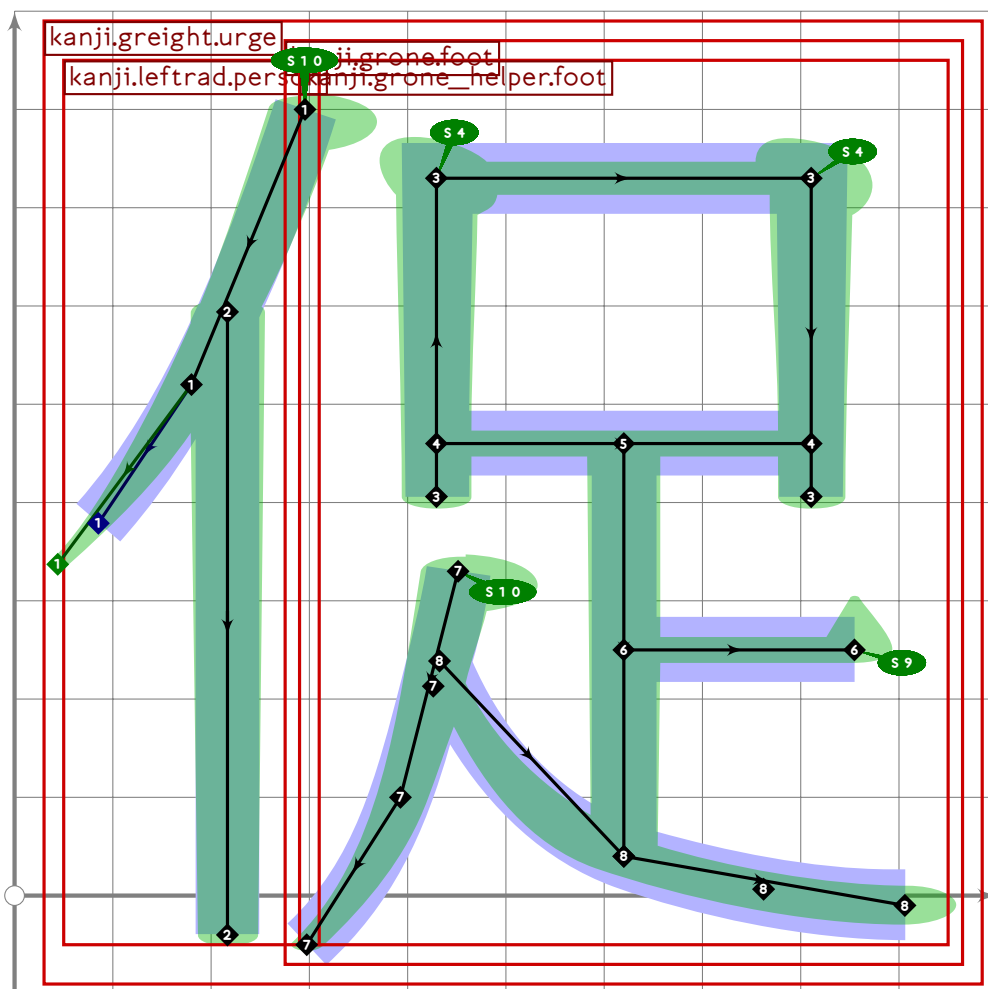
```

```

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

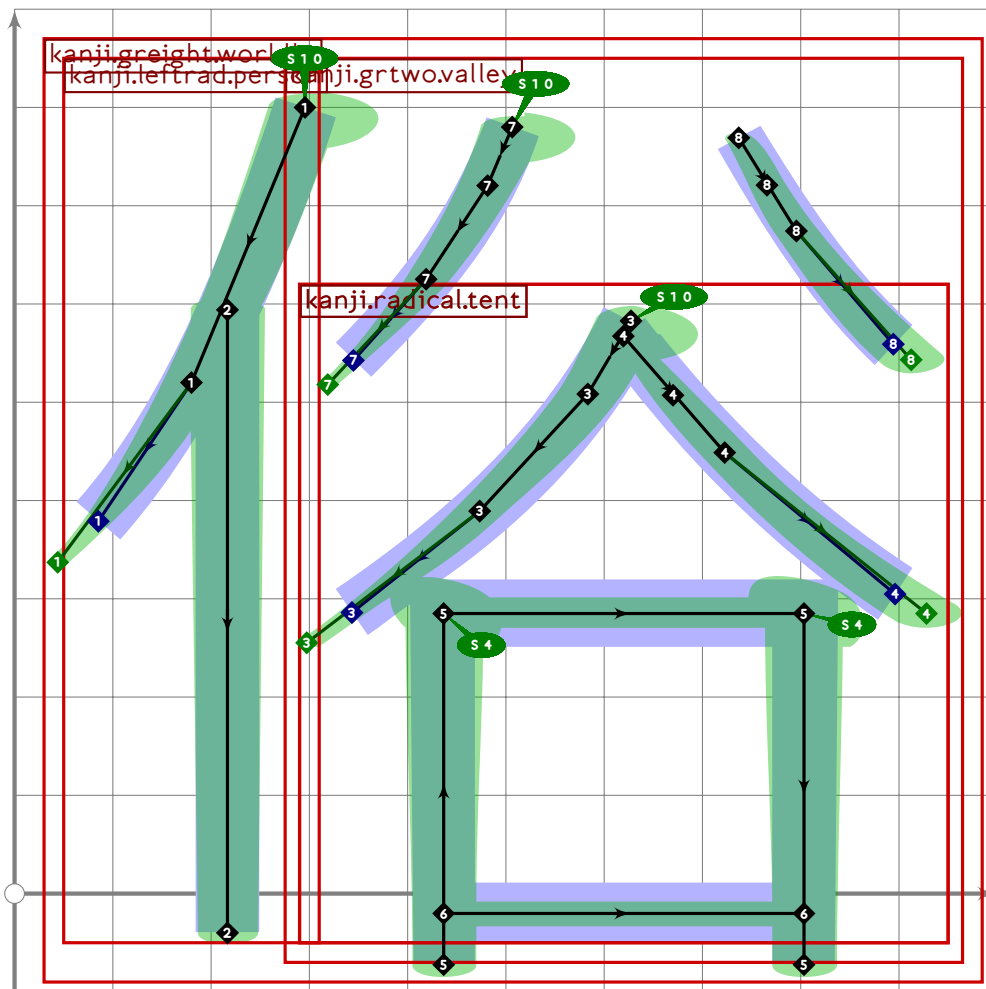
```



```

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

```



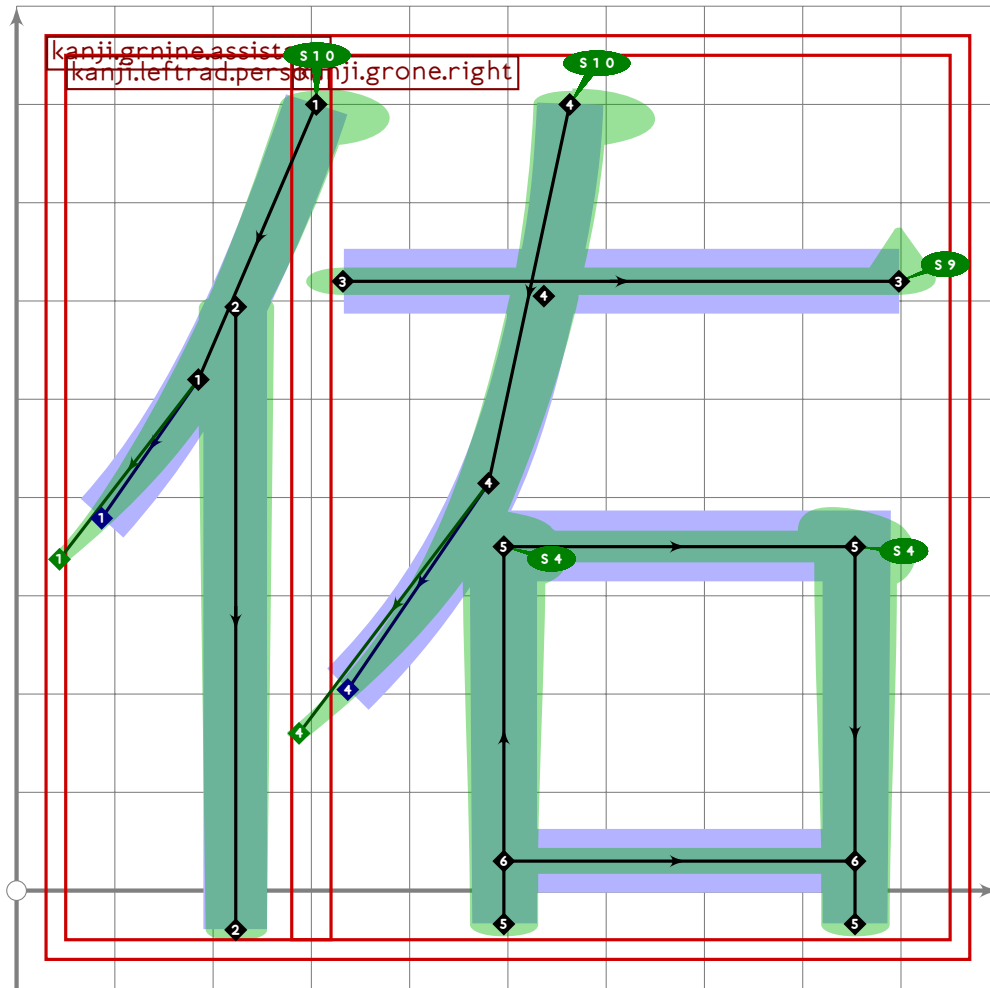
```

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

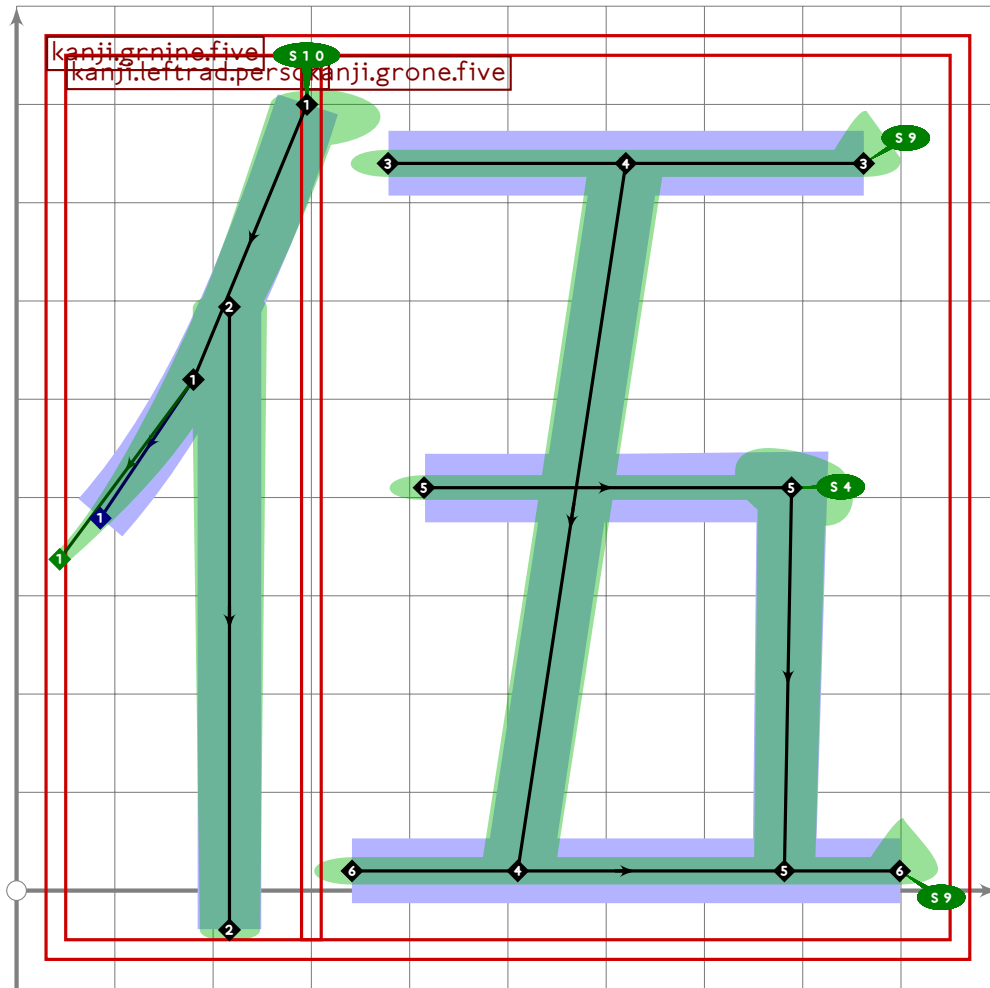
```

U+4F51
tsuku.uni4F51

4F



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



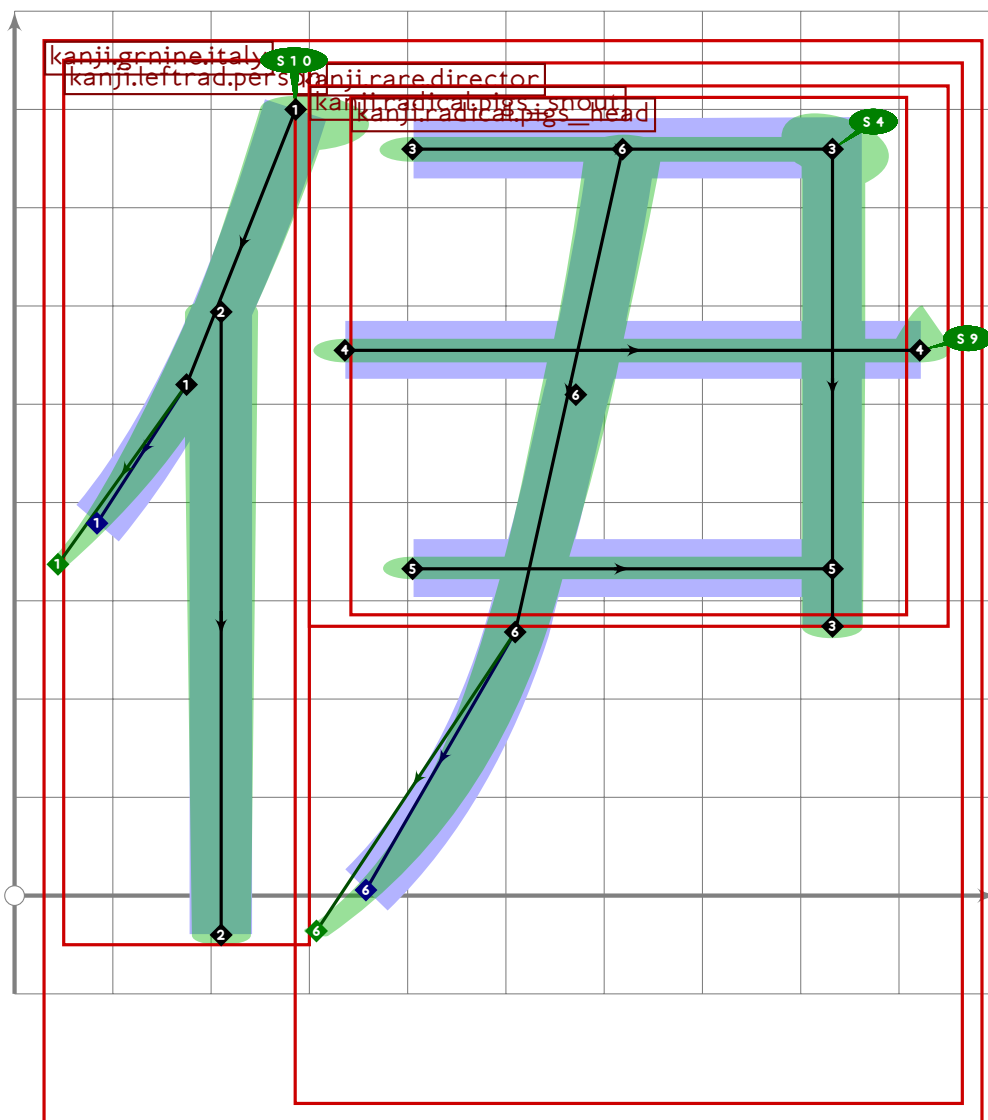
```

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

```

U+4F0A
tsuku.uni4F0A

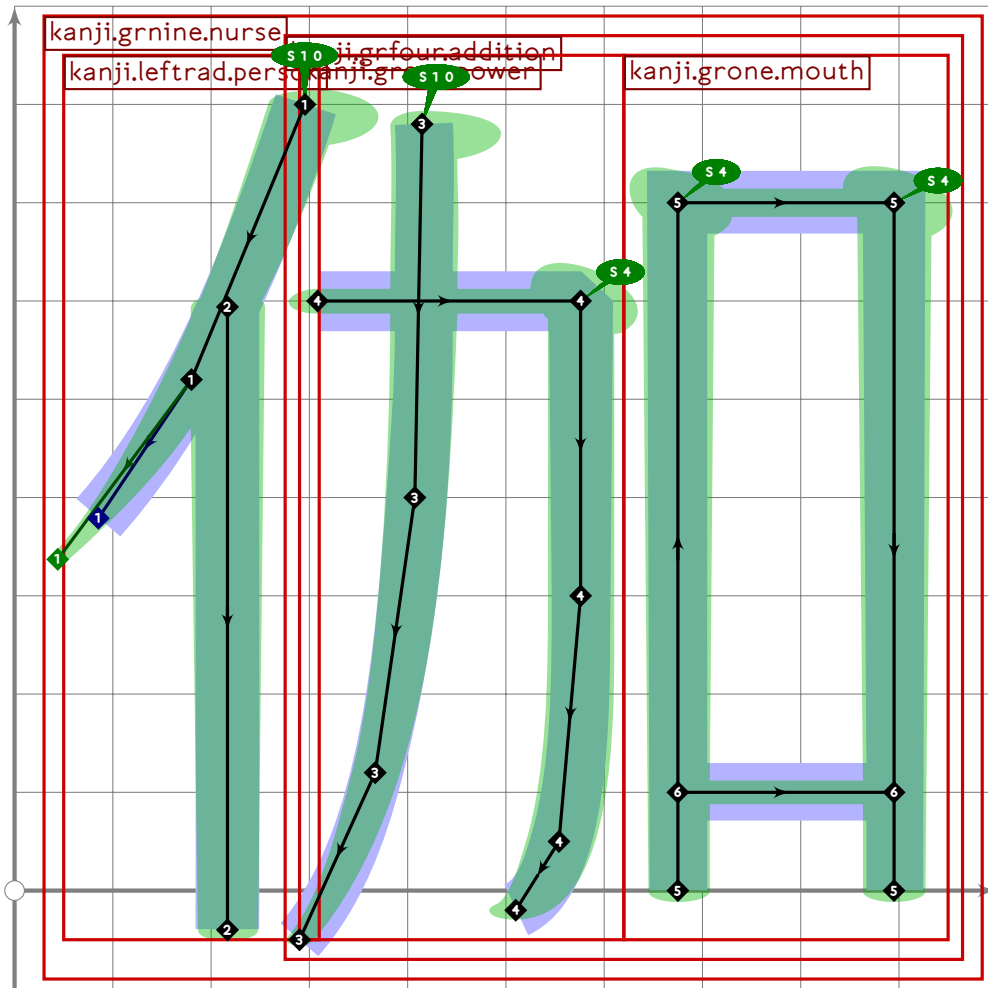
4F



```

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

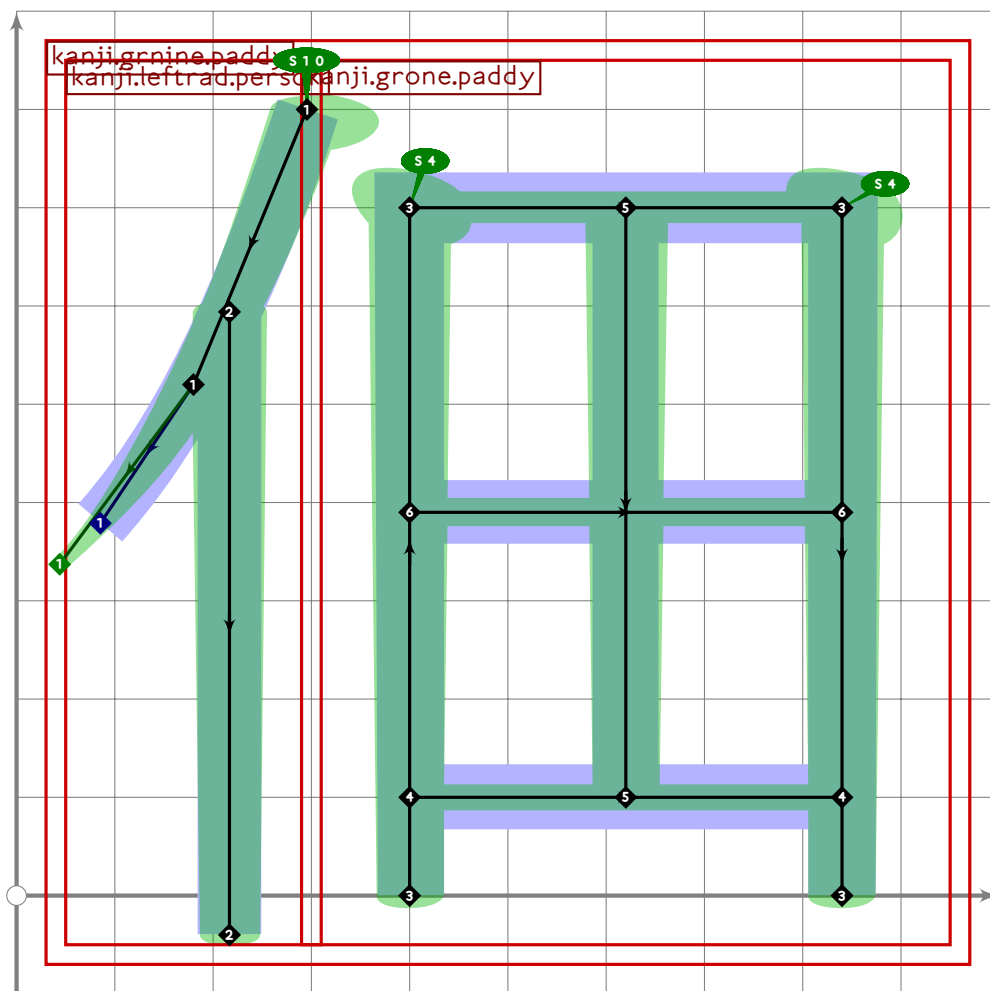
```



```

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

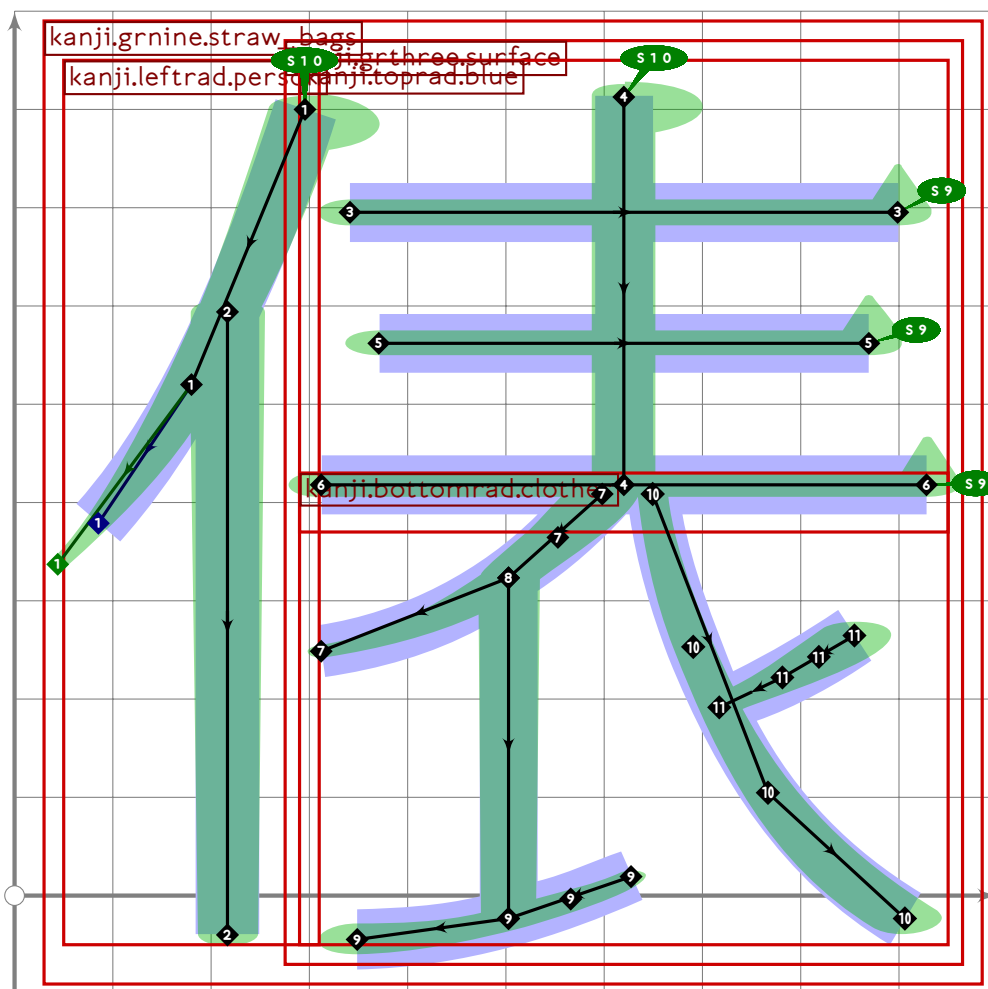
```



```

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

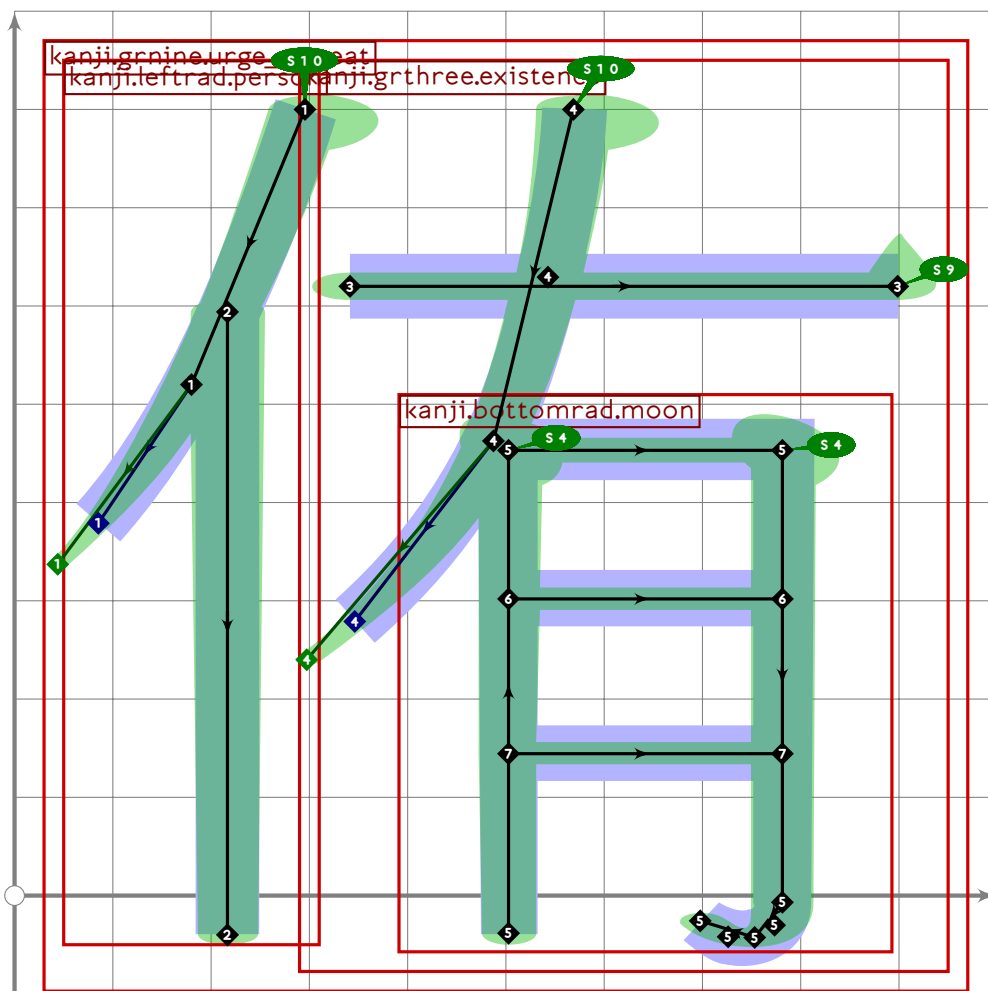
```

```

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

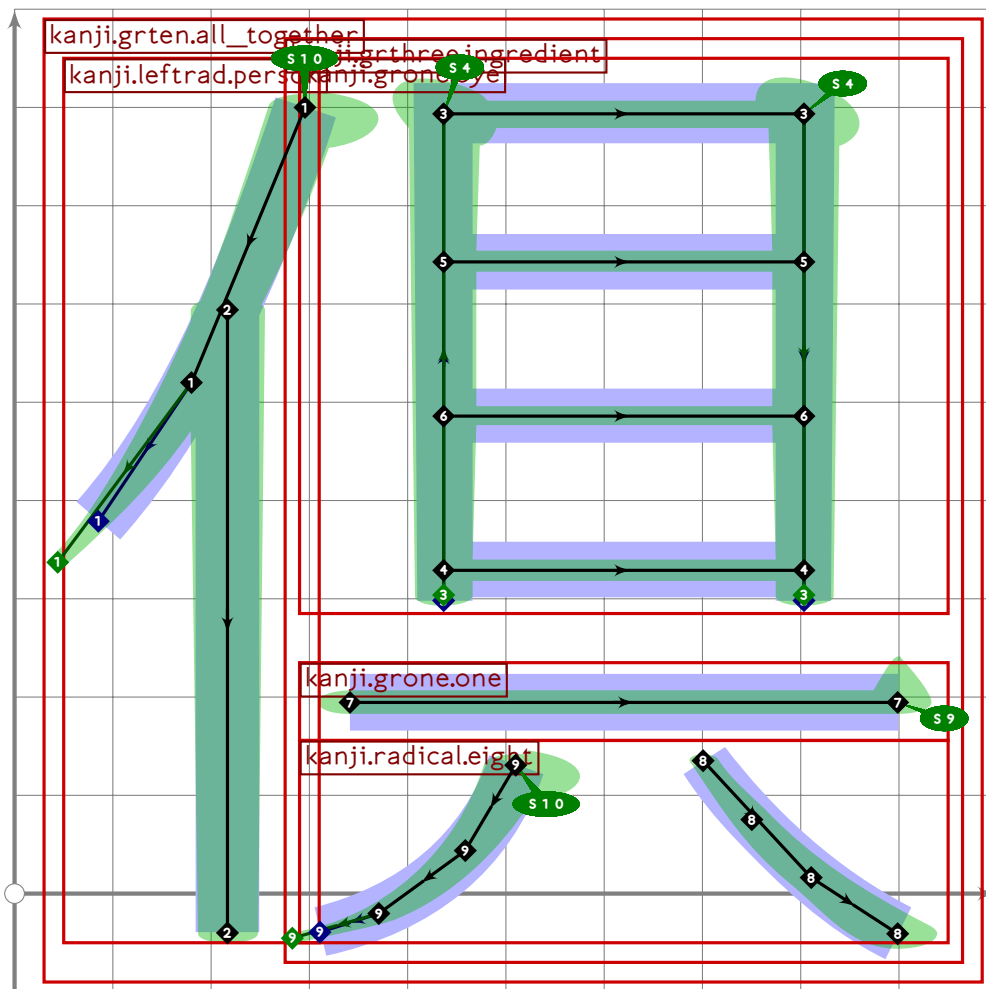
```



```

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

```



```

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

```

391

392

393

```

394 % i/kare "Italy"
395 begintsuglyph("uni4F0A",10);
396   kanji.grnine.italy;
397   tsu_render;
398 endtsuglyph;

```

[see page 1844]

399

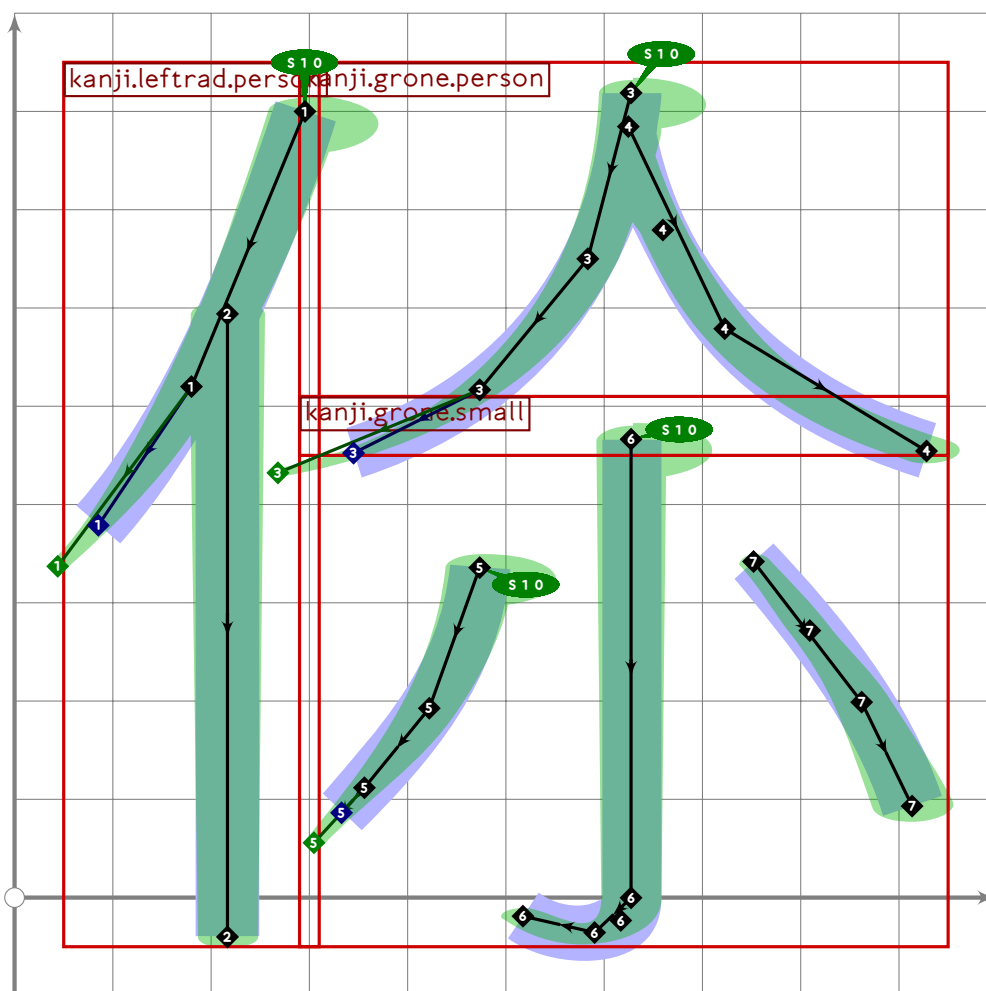
```

400 % go/itsutsu "five"
401 begintsuglyph("uni4F0D",13);
402   kanji.grnine.five;
403   tsu_render;

```

[see page 1843]

404 endtsuglyph;
 405
 406 % gi/waza "skill"
 407 begintsuglyph("uni4F0E";14); [see page 1837]
 408 kanji.greight.skill;
 409 tsu_render;
 410 endtsuglyph;
 411
 412 % fuku/fu "prostrate"
 413 begintsuglyph("uni4F0F";15); [see page 766]
 414 kanji.greight.prostrate;
 415 tsu_render;
 416 endtsuglyph;
 417
 418 % batsu/ki "strike"
 419 begintsuglyph("uni4F10";16); [see page 1838]
 420 kanji.greight.strike;
 421 tsu_render;
 422 endtsuglyph;
 423
 424 % yasu "vacation"
 425 begintsuglyph("uni4F11";17); [see page 477]
 426 kanji.grone.vacation;
 427 tsu_render;
 428 endtsuglyph;
 429
 430 % kai/a "meet"
 431 begintsuglyph("uni4F1A";26); [see page 523]
 432 kanji.grtwo.meet;
 433 tsu_render;
 434 endtsuglyph;
 435
 436 % den/tsuta "tradition"
 437 begintsuglyph("uni4F1D";29); [see page 1820]
 438 kanji.grfour.tradition;
 439 tsu_render;
 440 endtsuglyph;
 441
 442 % haku "earl"
 443 begintsuglyph("uni4F2F";47); [see page 1829]
 444 kanji.greight.earl;
 445 tsu_render;
 446 endtsuglyph;
 447

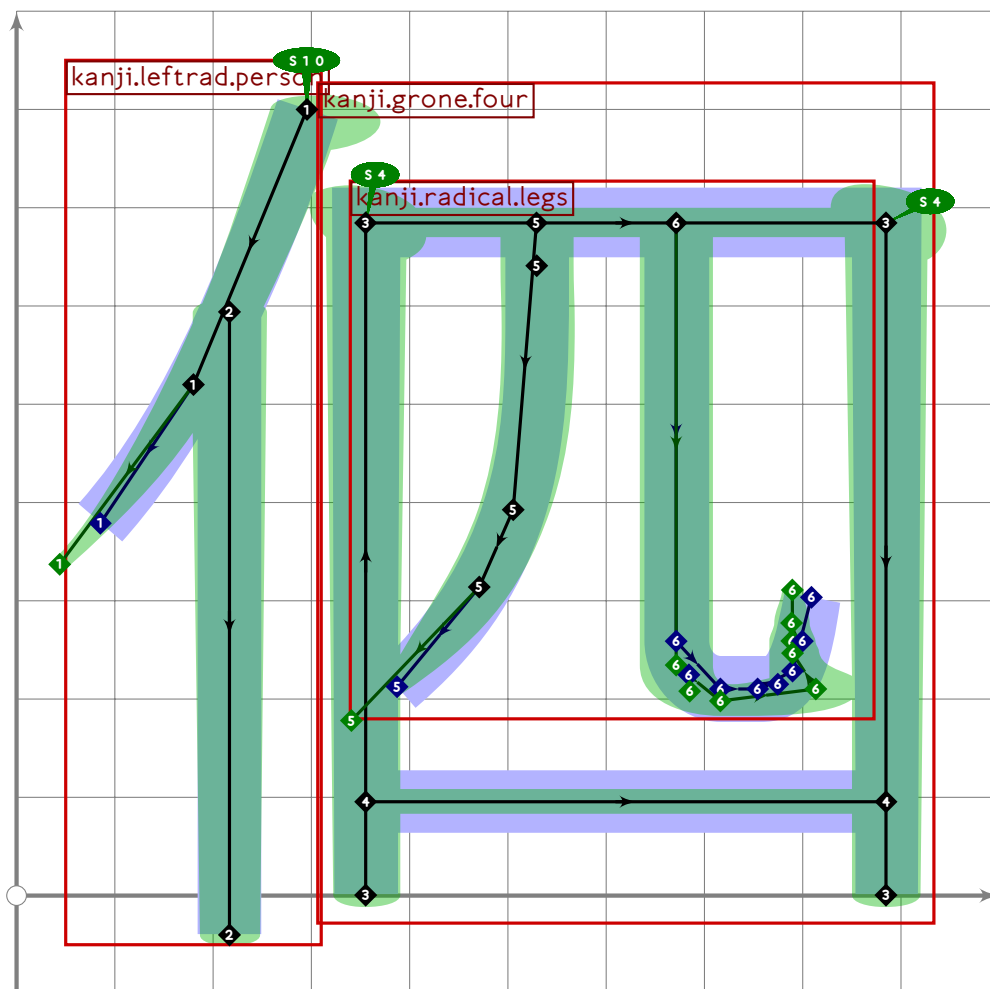


```

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

```

[see page 1824]



```

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

```

[see page 1830]

[see page 1833]

[see page 1821]

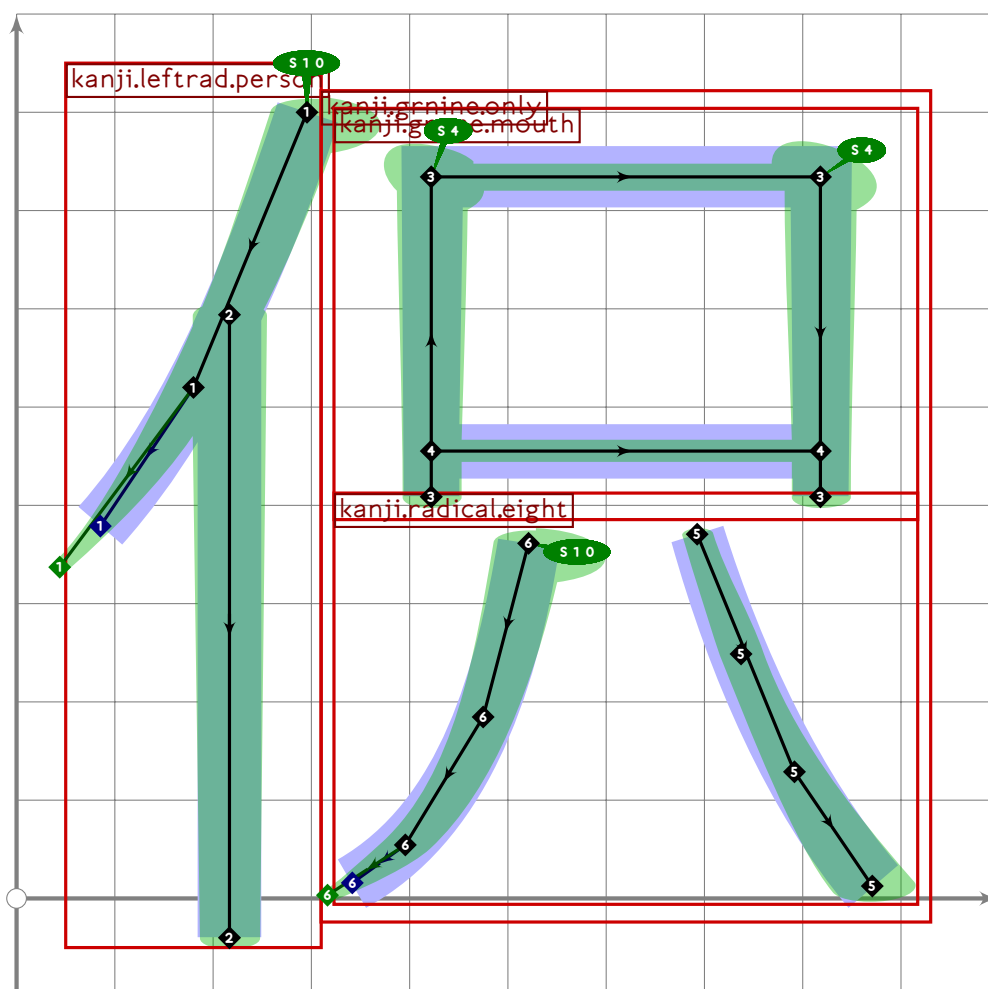
4F

```

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

```

[see page 1845]



```

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

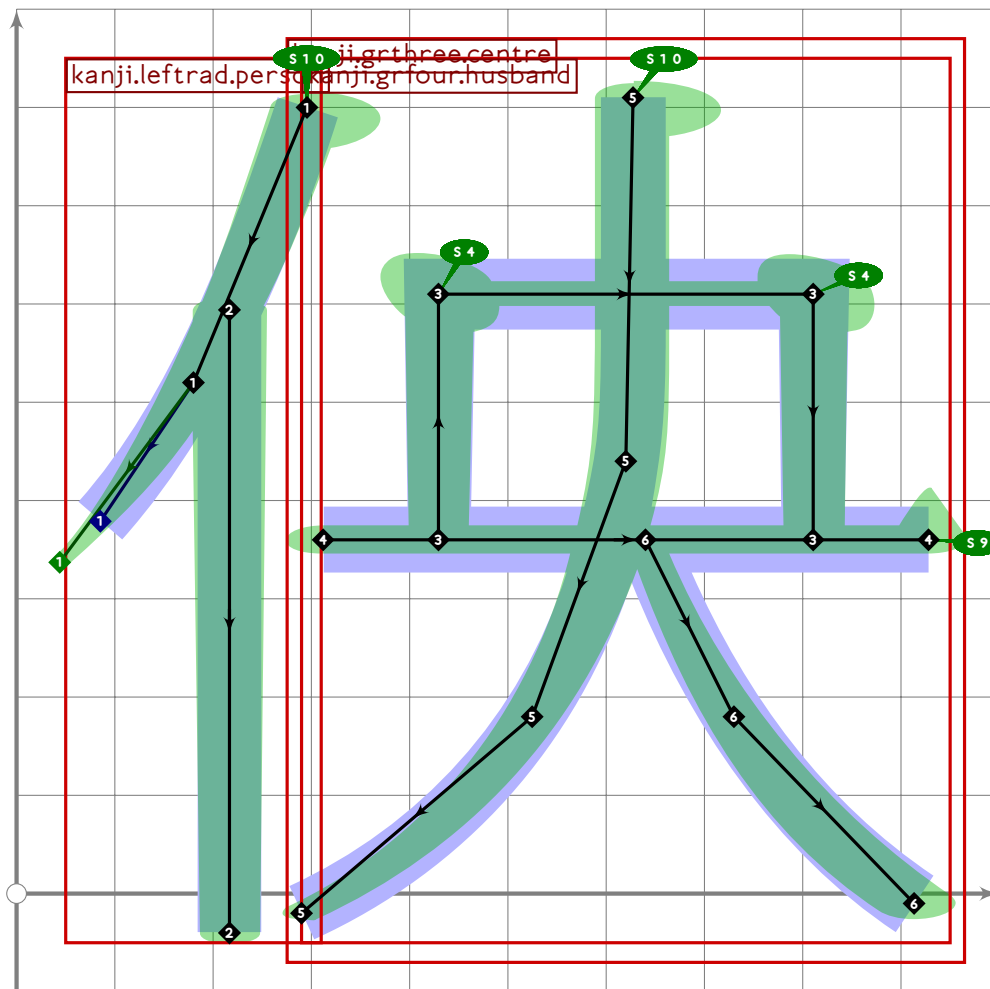
```

[see page 1846]

```

506  kanji.grnine.paddy;
507  tsu_render;
508  endtsuglyph;
509
510  % tan/tada "however"
511  begintsuglyph("uni4F46";70); [see page 1832]
512  kanji.greight.however;
513  tsu_render;
514  endtsuglyph;
515
516  % i/kurai "rank"
517  begintsuglyph("uni4F4D";77); [see page 1819]
518  kanji.grfour.rank;
519  tsu_render;
520  endtsuglyph;
521
522  % tei/hiku "low" or "humble"
523  begintsuglyph("uni4F4E";78); [see page 1818]
524  kanji.grfour.low;
525  tsu_render;
526  endtsuglyph;
527
528  % juu/su "dwell"
529  begintsuglyph("uni4F4F";79); [see page 1813]
530  kanji.grthree.dwell;
531  tsu_render;
532  endtsuglyph;
533
534  % suke "assistant"
535  begintsuglyph("uni4F50";80); [see page 1825]
536  kanji.greight.assistant;
537  tsu_render;
538  endtsuglyph;
539
540  % suke "assistant"
541  begintsuglyph("uni4F51";81); [see page 1842]
542  kanji.grnine.assistant;
543  tsu_render;
544  endtsuglyph;
545

```

```

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

```

[see page 1811]

[see page 551]

U+4F6A
tsuku.uni4F6A

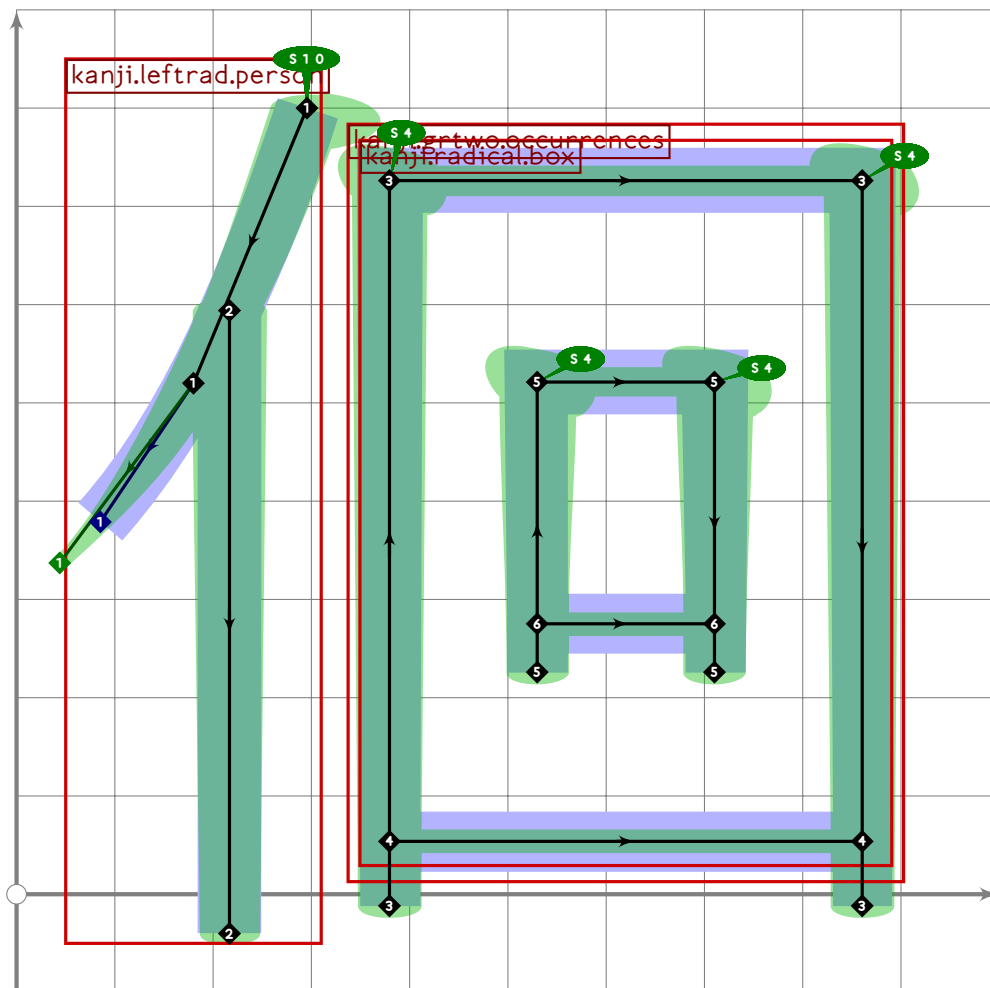
```

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

```

[see page 1810]

4F

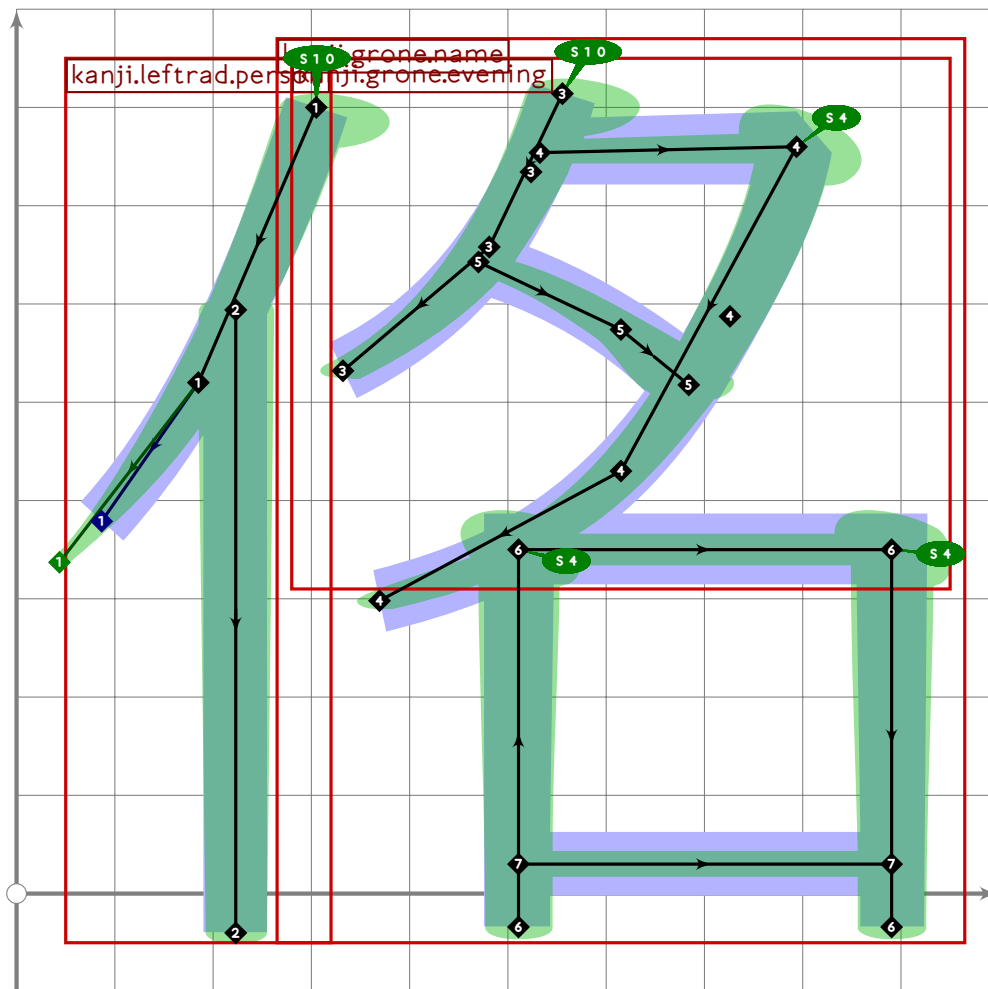


```

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

```

[see page 817]



```

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

```

[see page 1831]

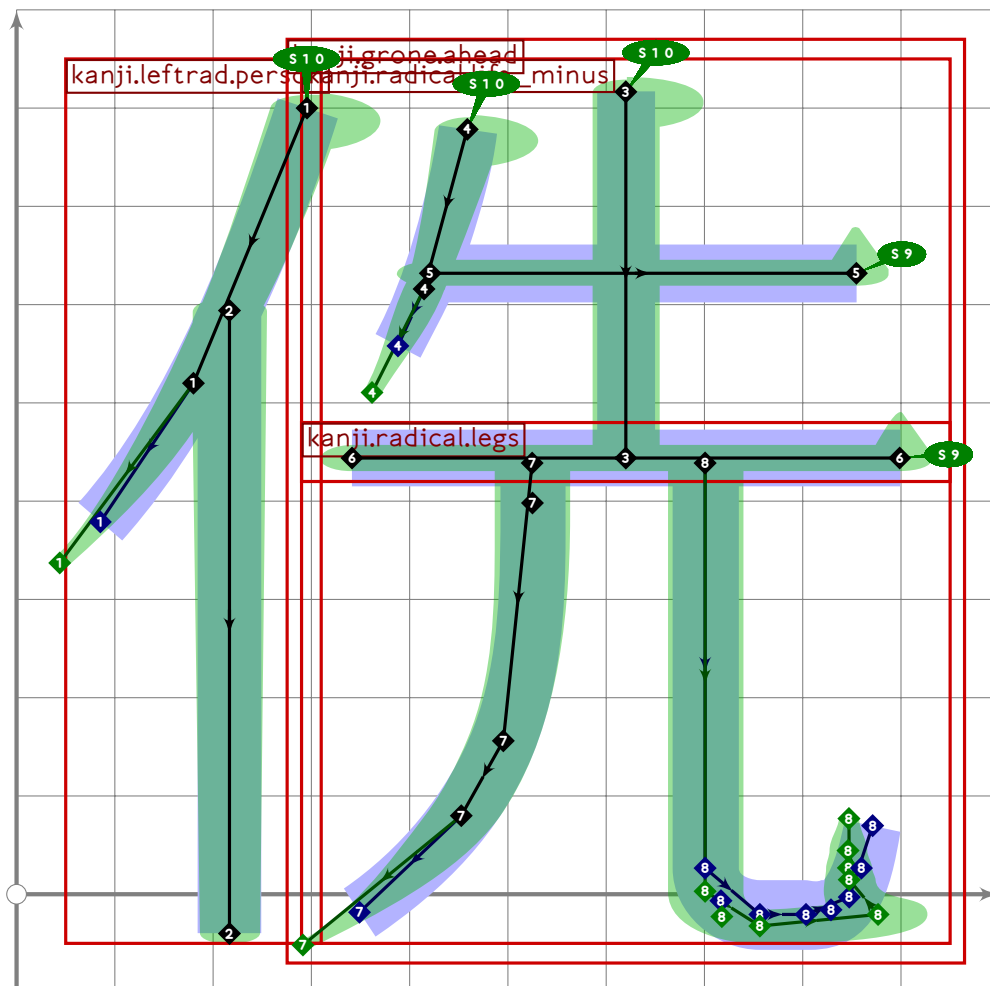
[see page 1839]

U+4F81
tsuku.uni4F81

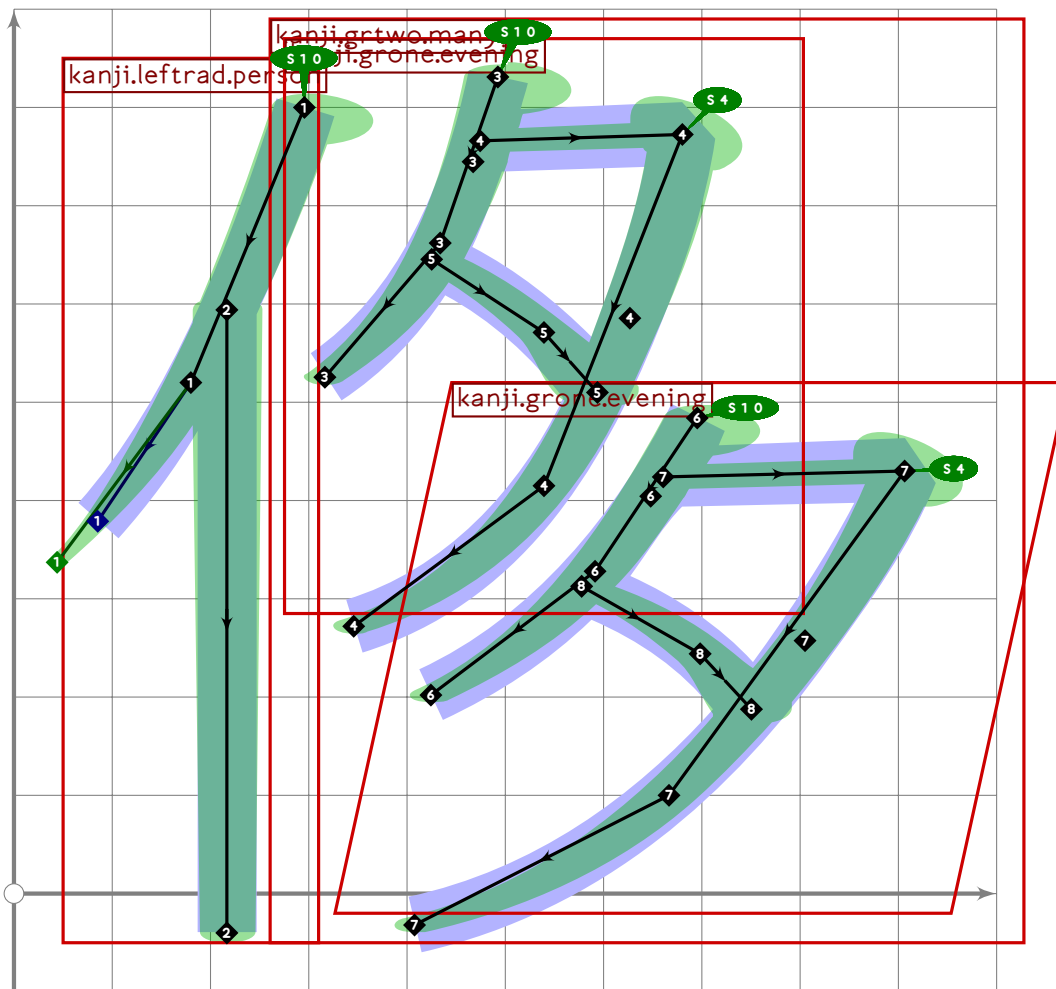
```
607 begintsuglyph("uni4F7F";127);  
608   kanji.grthree.use;  
609   tsu_render;  
610 endtsuglyph;  
611
```

[see page 1814]

4F



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



```

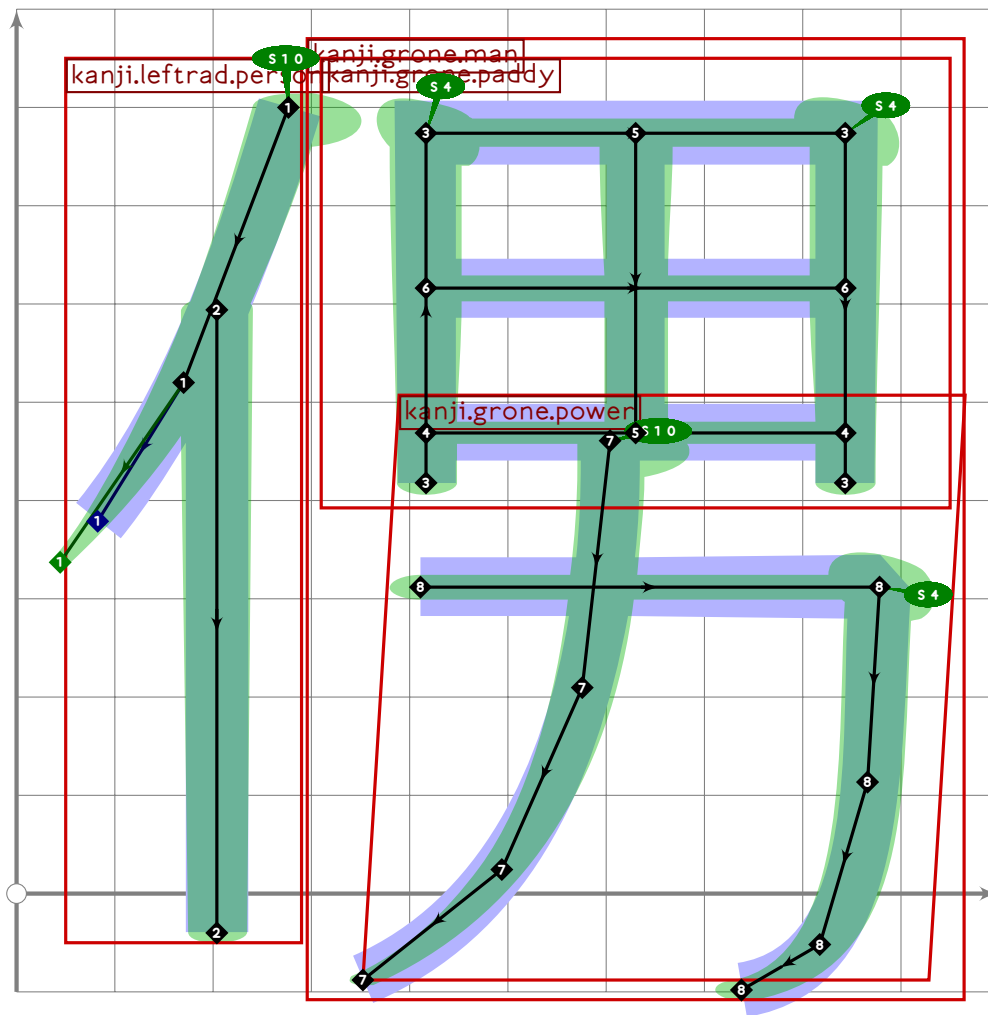
620 % extra "luxury"
621 begintsuglyph("uni4F88",136);
622   build_kanji.level(build_kanji.lr(300,20)
623     (kanji.leftrad.person)
624     (kanji.grtwo.many));
625   tsu_render;
626 endtsuglyph;
627
628 % rei/tato "example"
629 begintsuglyph("uni4F8B",139);
630   kanji.grfour.example;
631   tsu_render;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

```

[see page 1817]

[see page 857]

641 begintsuglyph("uni4F8D";141); [see page 1835]
 642 kanji.greight.samurai;
 643 tsu_render;
 644 endtsuglyph;
 645
 646 % yuu/susu "urge [another] to eat"
 647 begintsuglyph("uni4F91";145); [see page 1848]
 648 kanji.grnine.urge_to_eat;
 649 tsu_render;
 650 endtsuglyph;
 651
 652 % rin/omo "be methodical"
 653 begintsuglyph("uni4F96";150); [see page 811]
 654 kanji.rare.be_methodical;
 655 tsu_render;
 656 endtsuglyph;
 657
 658 % kyuu/domo "offer"
 659 begintsuglyph("uni4F9B";155); [see page 1823]
 660 kanji.grsix.offer;
 661 tsu_render;
 662 endtsuglyph;
 663
 664 % i/yo "dependency"
 665 begintsuglyph("uni4F9D";157); [see page 1828]
 666 kanji.greight.dependency;
 667 tsu_render;
 668 endtsuglyph;
 669
 670 % bu/anado "scorn"
 671 begintsuglyph("uni4FAE";174); [see page 1836]
 672 kanji.greight.scorn;
 673 tsu_render;
 674 endtsuglyph;
 675
 676 % ryo/tomo "companion"
 677 begintsuglyph("uni4FB6";182); [see page 1827]
 678 kanji.greight.companion;
 679 tsu_render;
 680 endtsuglyph;
 681



```

682 % extra
683 begintsuglyph("uni4FBD";189);
684   build_kanji.lr(300;20)
685     (kanji.leftrad.person)
686     (kanji.grone.man);
687   tsu_render;
688 endtsuglyph;
689
690 % ben/tayo "convenience"
691 begintsuglyph("uni4FBF";191);
692   kanji.grfour.convenience;
693   tsu_render;
694 endtsuglyph;
695
696 % kei/kaka "person in charge"
697 begintsuglyph("uni4FC2";194);
698   kanji.grthree.duty_officer;
699   tsu_render;
700 endtsuglyph;
701
702 % soku/unaga "urge"

```

[see page 1816]

[see page 1812]

U+4FC8
tsuku.uni4FC8

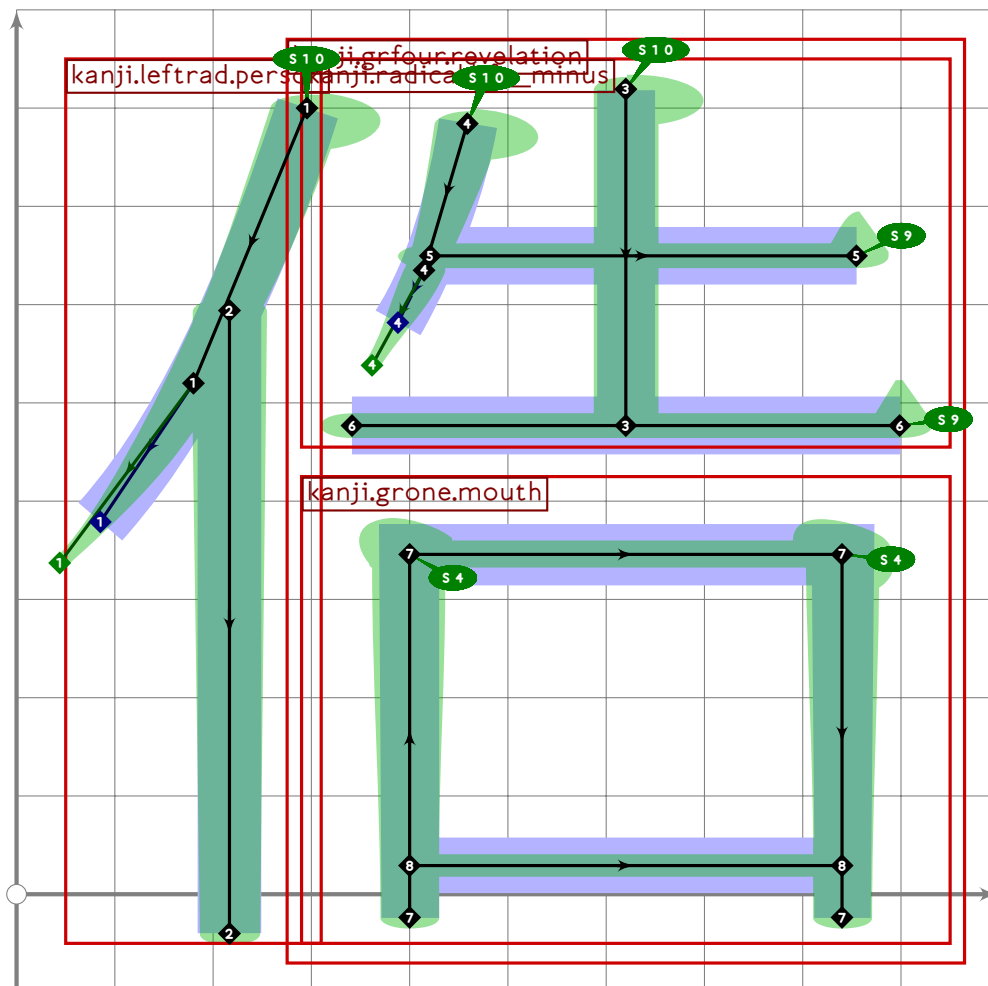
```

703 begintsuglyph("uni4FC3";195);
704   kanji.greight.urge;
705   tsu_render;
706 endtsuglyph;
707

```

[see page 1840]

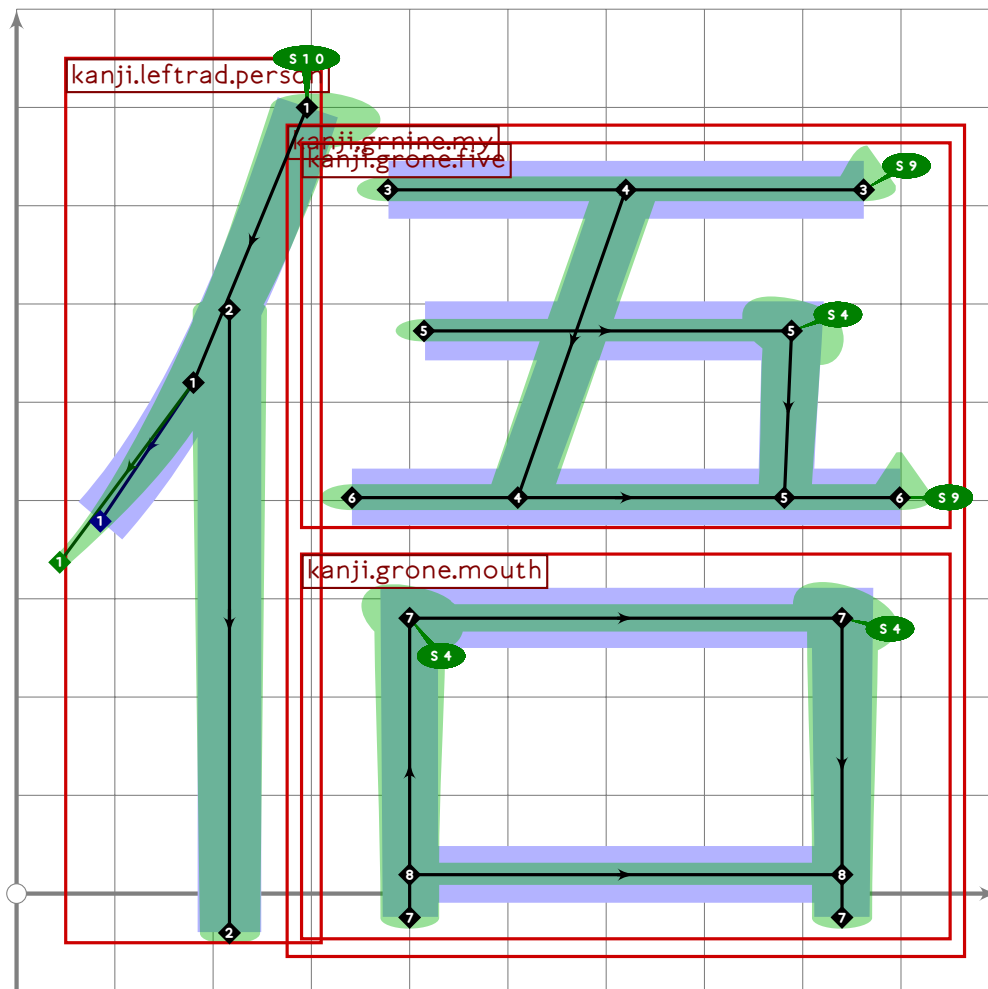
4F



```

708 % extra
709 begintsuglyph("uni4FC8";200);
710   build_kanji.lr(300,20)
711     (kanji.leftrad.person)
712     (kanji.grfour.revelation);
713   tsu_render;
714 endtsuglyph;
715

```

```

716 % extra
717 begintsuglyph("uni4FC9";201);
718   build_kanji.lr(300,20)
719     (kanji.leftrad.pers)
720     (build_kanji.sscale(yscaled 0.9 shifted (0;40))
721       (kanji.grnine.myl));
722   tsu_render;
723 endtsuglyph;
724
725 % ri/kashiko "clever"
726 begintsuglyph("uni4FD0";208);
727   kanji.greight.clever;
728   tsu_render;
729 endtsuglyph;
730
731 % zoku "worldly"
732 begintsuglyph("uni4FD7";215);
733   kanji.greight.worldly;
734   tsu_render;
735 endtsuglyph;
736

```

[see page 1826]

[see page 1841]

737 % ho/tamo "protect"
 738 begintsuglyph("uni4FDD",221); [see page 648]
 739 kanji.grfive.protect;
 740 tsu_render;
 741 endtsuglyph;
 742
 743 % shin "believe"
 744 begintsuglyph("uni4FE1",225); [see page 1815]
 745 kanji.grfour.believe;
 746 tsu_render;
 747 endtsuglyph;
 748
 749 % ku/tamomi "all together"
 750 begintsuglyph("uni4FF1",241); [see page 1849]
 751 kanji.grten.all_together;
 752 tsu_render;
 753 endtsuglyph;
 754
 755 % hai "haiku"
 756 begintsuglyph("uni4FF3",243); [see page 1822]
 757 kanji.grsix.haiku;
 758 tsu_render;
 759 endtsuglyph;
 760
 761 % hyou/tawara "counter for straw bags"
 762 begintsuglyph("uni4FF5",245); [see page 1847]
 763 kanji.grnine.straw_bags;
 764 tsu_render;
 765 endtsuglyph;
 766
 767 % en/ore "me" (masculine, aggressive, more so than "boku")
 768 begintsuglyph("uni4FFA",250); [see page 1834]
 769 kanji.greight.me_macho;
 770 tsu_render;
 771 endtsuglyph;
 772
 773 _____
 774
 775 endfont;
 776
 777 _____

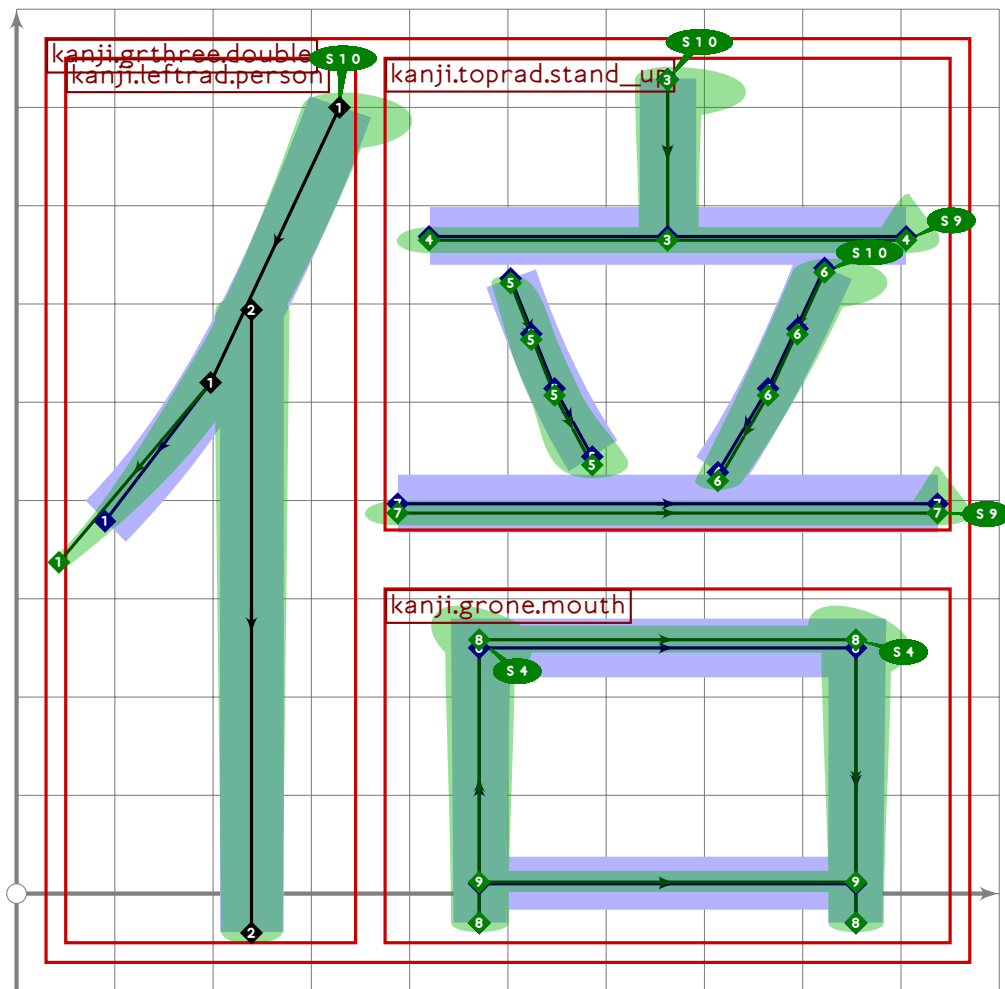
```
1 %
2 % Unicode page 50 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

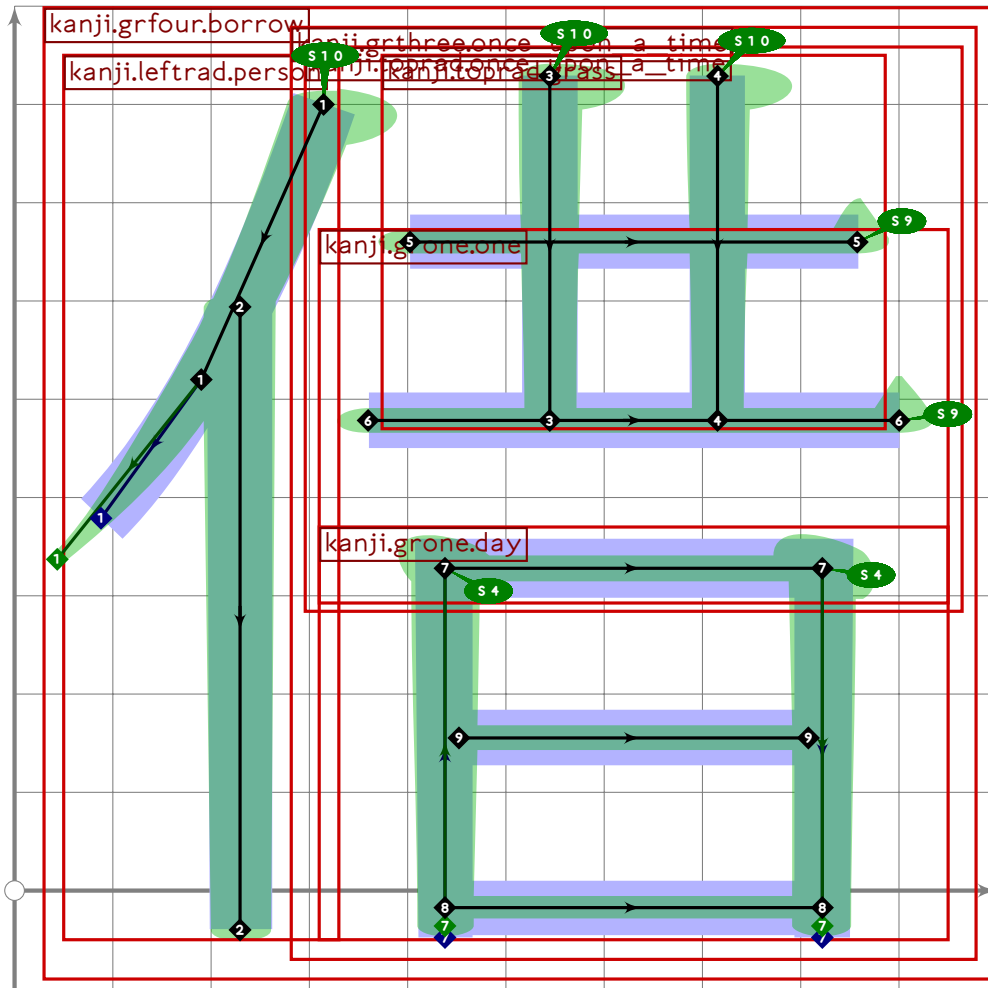

```



```

53
54 vardef kanji.grthree.double =
55   push_pbox_toexpand("kanji.grthree.double");
56   build_kanji.lr(360,-30)
57     (kanji.leftrad.person)
58     (build_kanji.tb(340,60+20*mincho)
59       (kanji.toprad.stand_up)
60       (kanji.grone.mouth));
61   expand_pbox;
62 enddef;
63
64

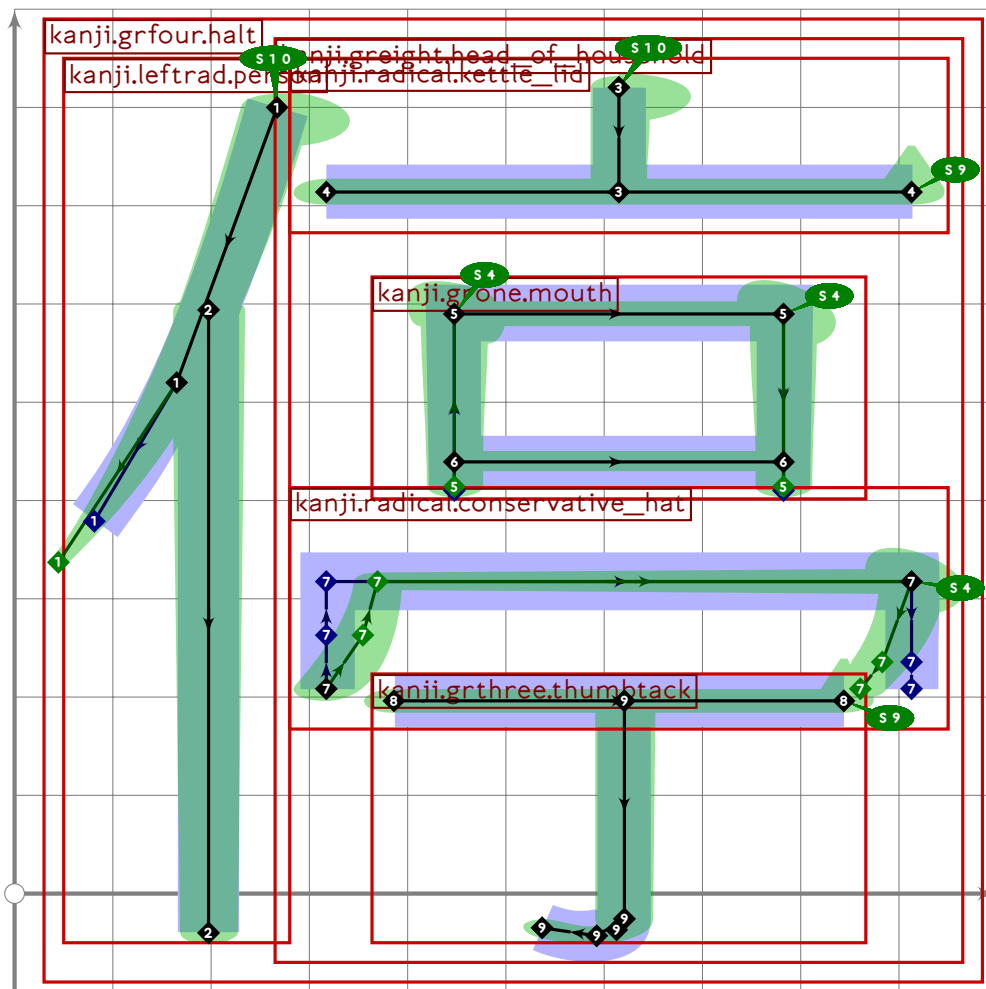
```



```

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

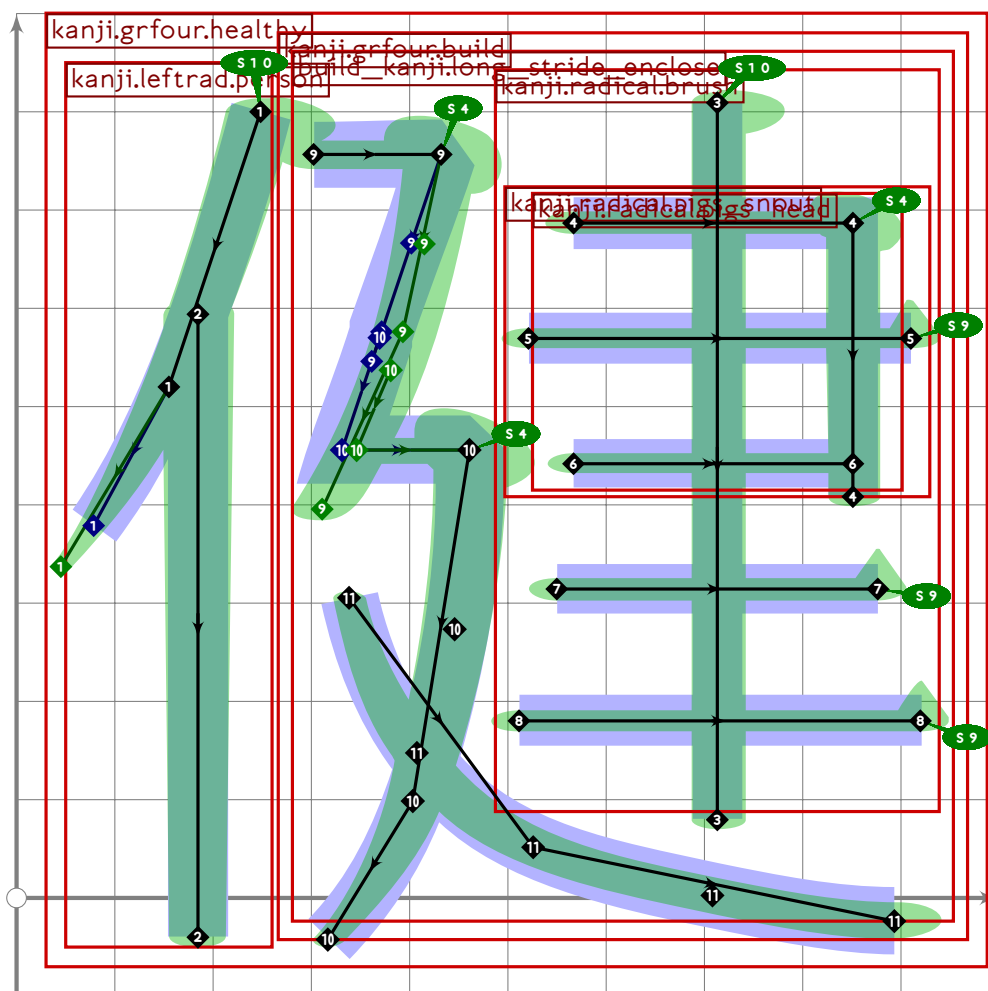
```



```

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

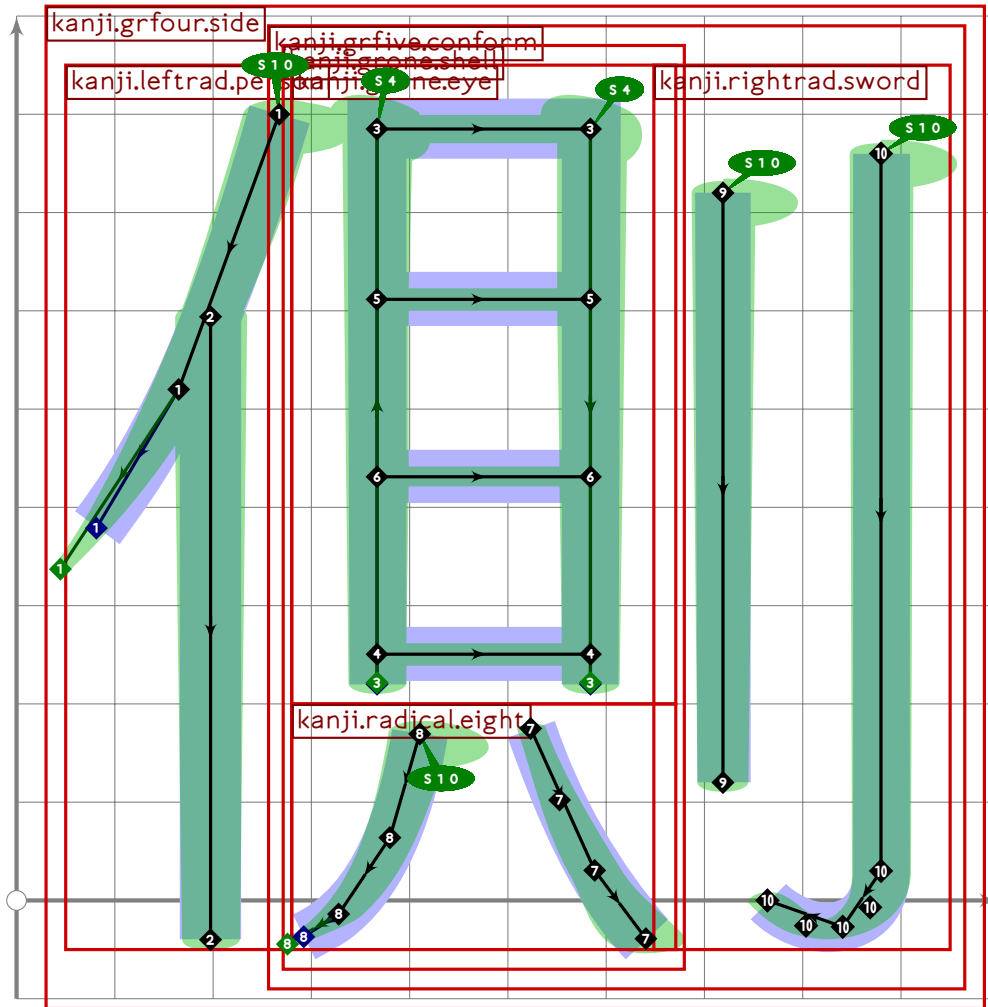
```



```

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

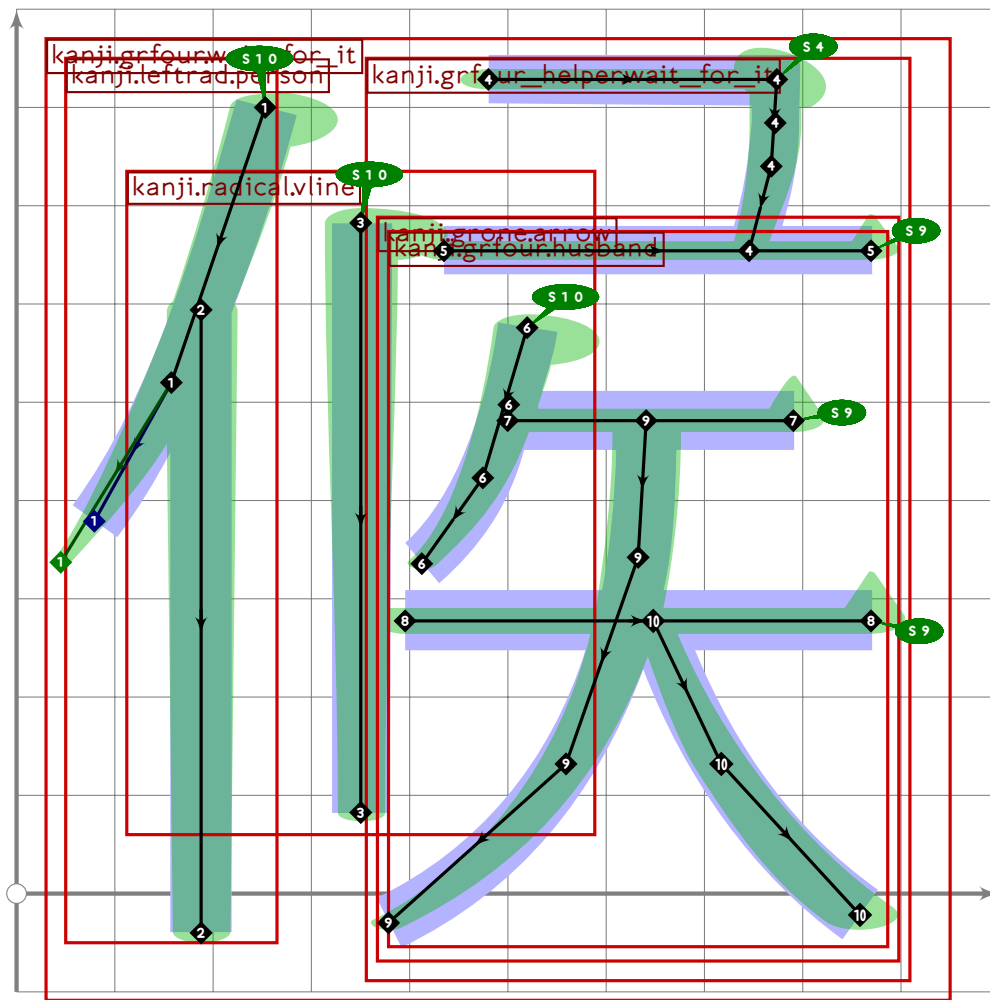
```



```

89
90 vardef kanji.grfour.side =
91   push_pbox_toexpand("kanji.grfour.side");
92   build_kanji.lr(280,0)
93     (kanji.leftrad.person)
94     (kanji.grfive.conform);
95   expand_pbox;
96 enddef;
97
98 vardef kanji.grfour_helperwait_for_it =
99   push_pbox_toexpand("kanji.grfour_helperwait_for_it");
100   build_kanji.tb(620,-30)
101     (push_stroke((230,760)-(750,760)..tension 1.2..(740,390)..(700,30),
102       (1.6,1.6)-(1.6,1.6)-(1.4,1.4)-(1.2,1.2));
103     set_botip(0,1,1);
104     set_boserif(0,1,4);
105     push_stroke((150,30)-(920,30),(1.5,1.5)-(1.5,1.5));
106     set_boserif(0,1,9))
107     (kanji.grtwo.arrow);
108   expand_pbox;
109 enddef;

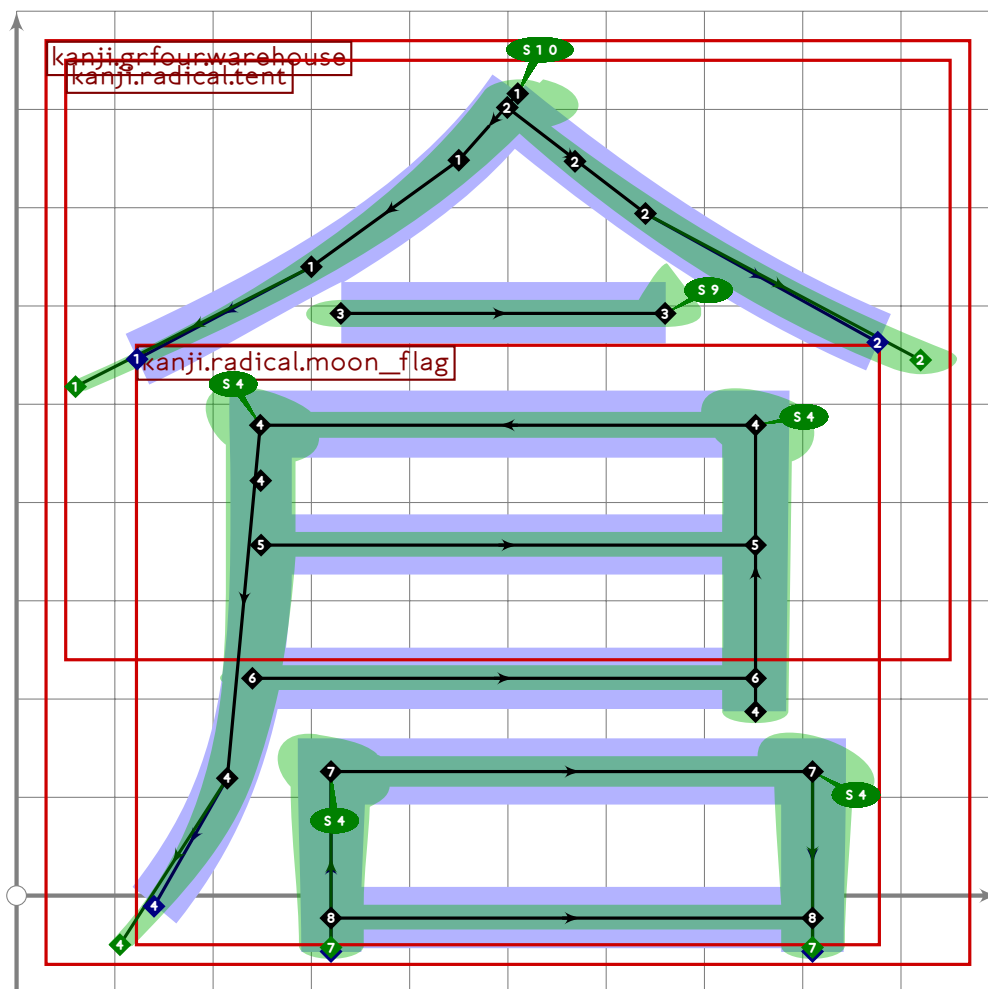
```

```

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

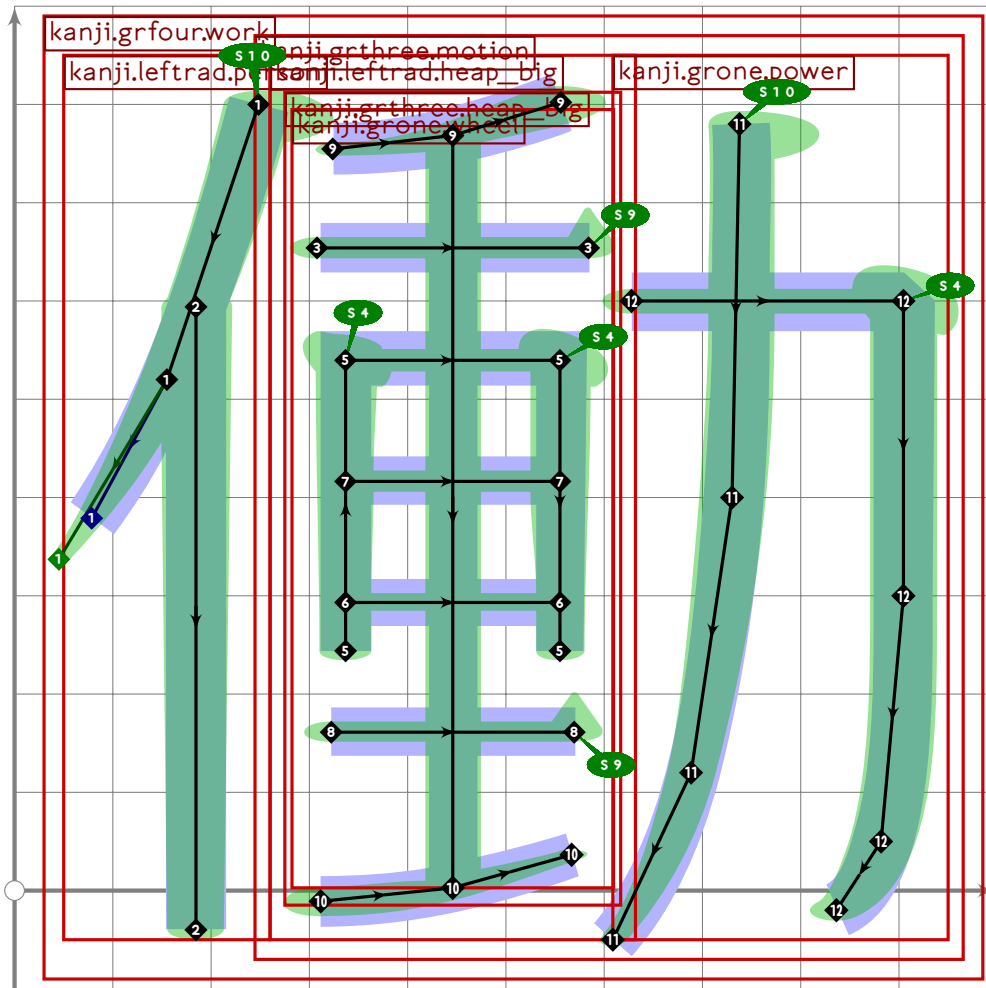
```



```

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

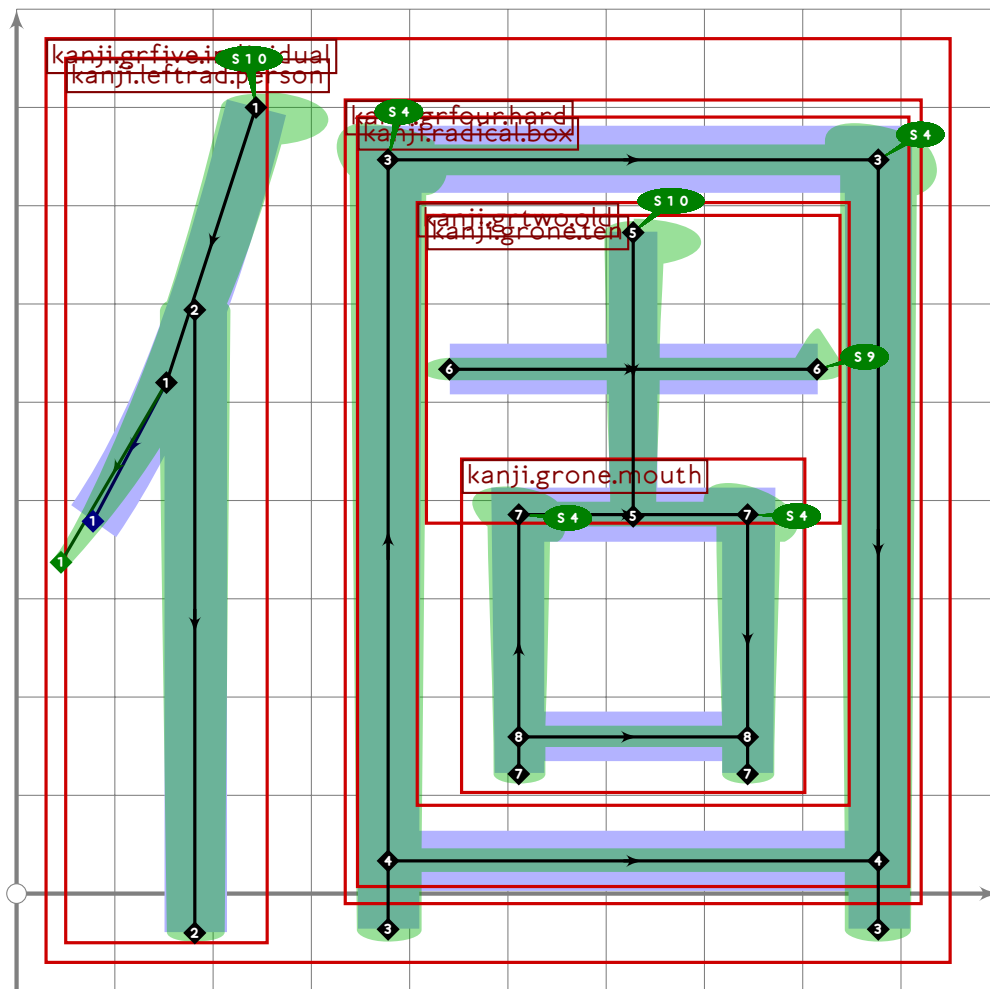
```



```

128
129 vardef kanji.grfour.work =
130   push_pbox_toexpand("kanji.grfour.work");
131   build_kanji.lr(260,0)
132     (kanji.leftrad.person)
133     (kanji.grthree.motion);
134   expand_pbox;
135 enddef;
136
137

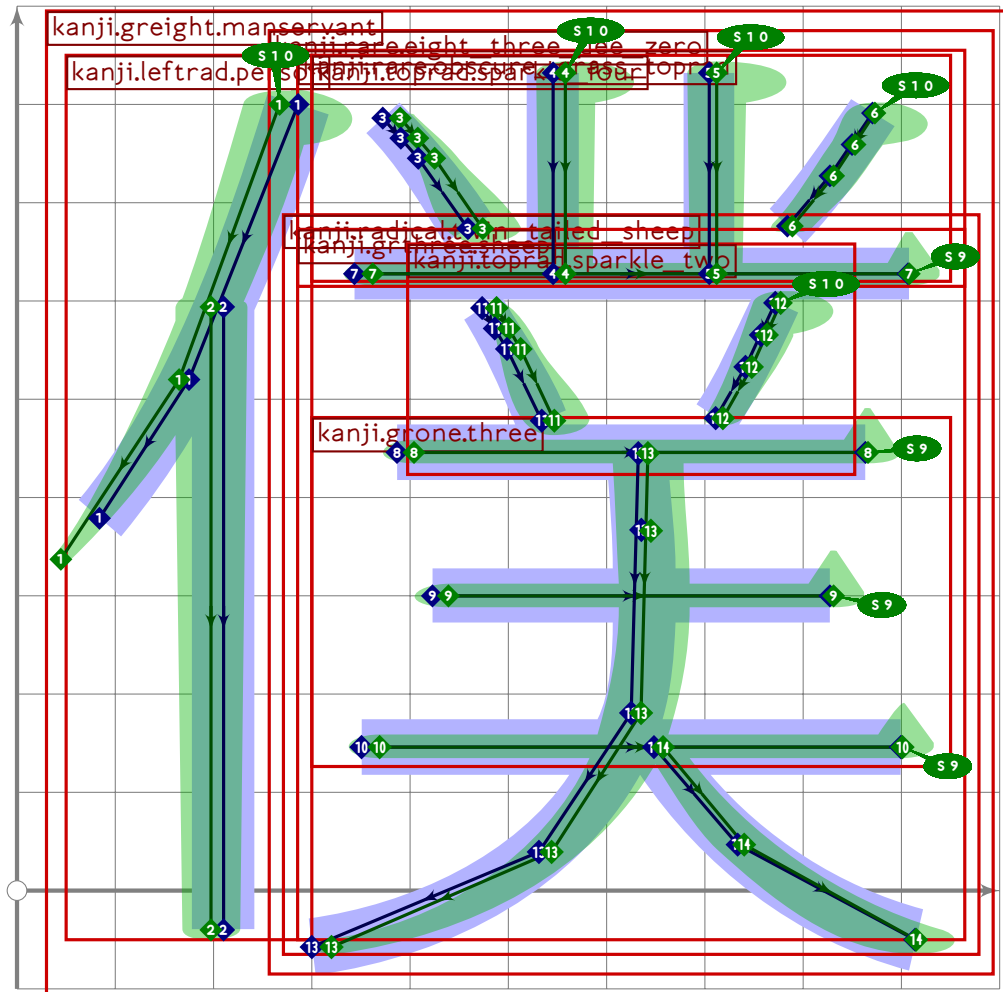
```



```

138
139 vardef kanji.grfive.individual =
140   push_pbox_toexpand("kanji.grfive.individual");
141   build_kanji.lr(280,-50)
142     (kanji.leftrad.person)
143     (build_kanji.sscale(scaled 0.87)(kanji.grfour.hard));
144   expand_pbox;
145 enddef;
146
147

```



```

148
149 vardef kanji.greight.manservant =
150   push_pbox_toexpand("kanji.greight.manservant");
151   build_kanji.lr(300,-40*mincho)
152     (kanji.leftrad.person)
153     (kanji.rare.eight_three_dee_zero);
154   expand_pbox;
155 enddef;
156

```

```

157
158
159 % sou/kura "warehouse"
160 begintsuglyph("uni5009'9");
161   kanji.grfour.warehouse;
162   tsu_render;
163 endtsuglyph;
164

```

[see page 1872]

```

165 % ko "individual" or "counter for things"
166 begintsuglyph("uni500B'11");
167   kanji.grfive.individual;
168   tsu_render;

```

[see page 1874]

```

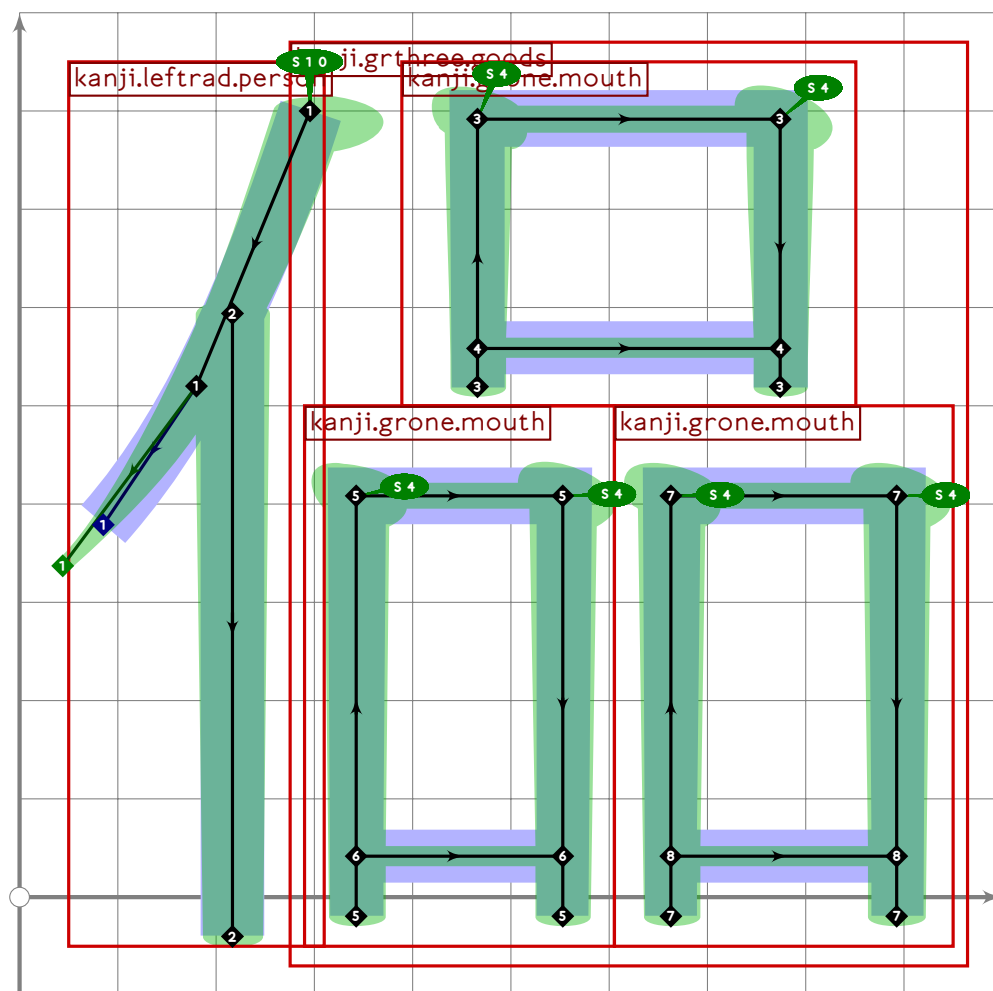
169 endsuglyph;
170
171 % bai/be "double"
172 begintsuglyph("uni500D";13);
173   kanji.grthree.double;
174   tsu_render;
175 endsuglyph;
176
177 % kou/sourou "season" or "candidate"
178 begintsuglyph("uni5019";25);
179   kanji.grfour.wait_for_it;
180   tsu_render;
181 endsuglyph;
182
183 % shaku/ka "borrow"
184 begintsuglyph("uni501F";31);
185   kanji.grfour.borrow;
186   tsu_render;
187 endsuglyph;
188

```

[see page 1866]

[see page 1871]

[see page 1867]



189 % extra

```

190 begintsuglyph("uni5058";88);
191   build_kanji.lr(300,20)
192     (kanji.leftrad.person)
193     (kanji.grthree.goods);
194   tsu_render;
195 endtsuglyph;
196
197 % tei/to "halt"
198 begintsuglyph("uni505C";92); [see page 1868]
199   kanji.grfour.halt;
200   tsu_render;
201 endtsuglyph;
202
203 % ken/shita "healthy"
204 begintsuglyph("uni5065";101); [see page 1869]
205   kanji.grfour.healthy;
206   tsu_render;
207 endtsuglyph;
208
209 % soku/kawa "side"
210 begintsuglyph("uni5074";116); [see page 1870]
211   kanji.grfour.side;
212   tsu_render;
213 endtsuglyph;
214
215 % dou/hatara "work"
216 begintsuglyph("uni50CD";205); [see page 1873]
217   kanji.grfour.work;
218   tsu_render;
219 endtsuglyph;
220
221 % boku/shimobe "masculine first-person pronoun" (or "servant")
222 begintsuglyph("uni50D5";213); [see page 1875]
223   kanji.greight.manservant;
224   tsu_render;
225 endtsuglyph;
226
227 _____
228
229 endfont;
230
231 _____

```

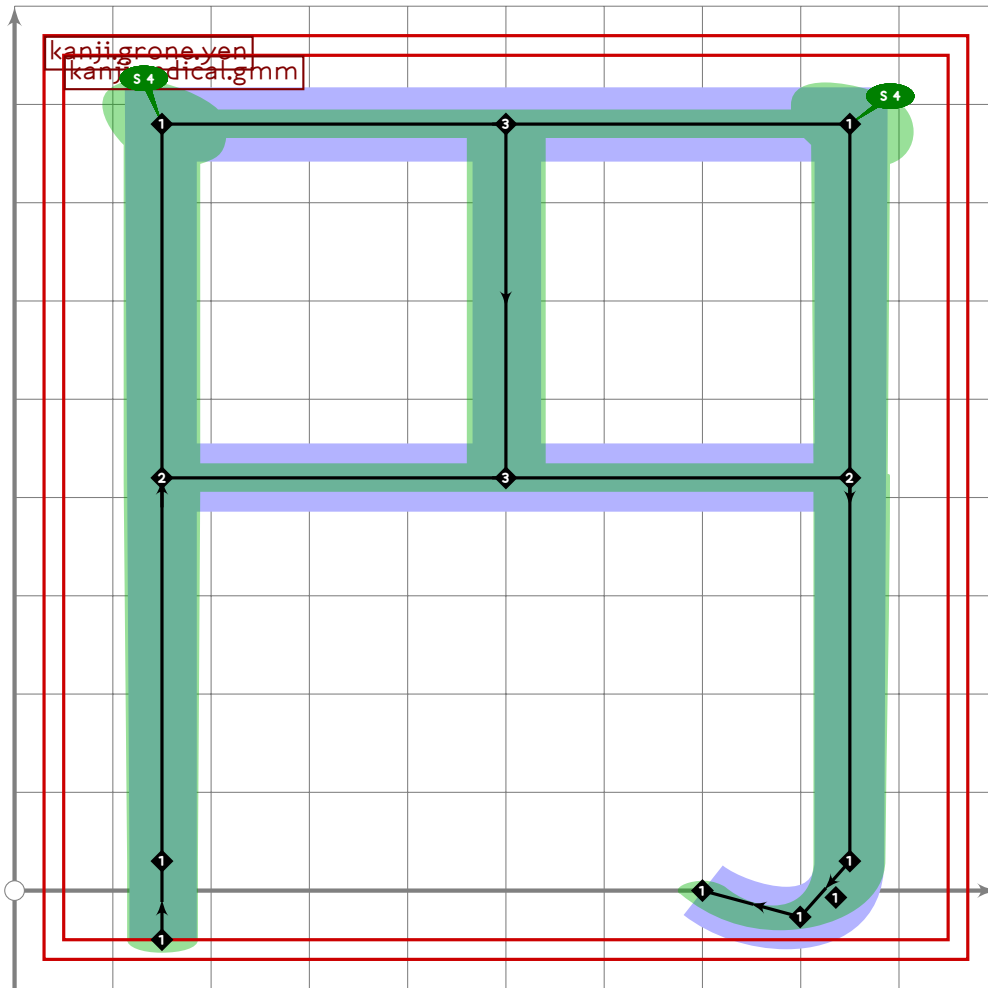
```
1 %
2 % Unicode page 51 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

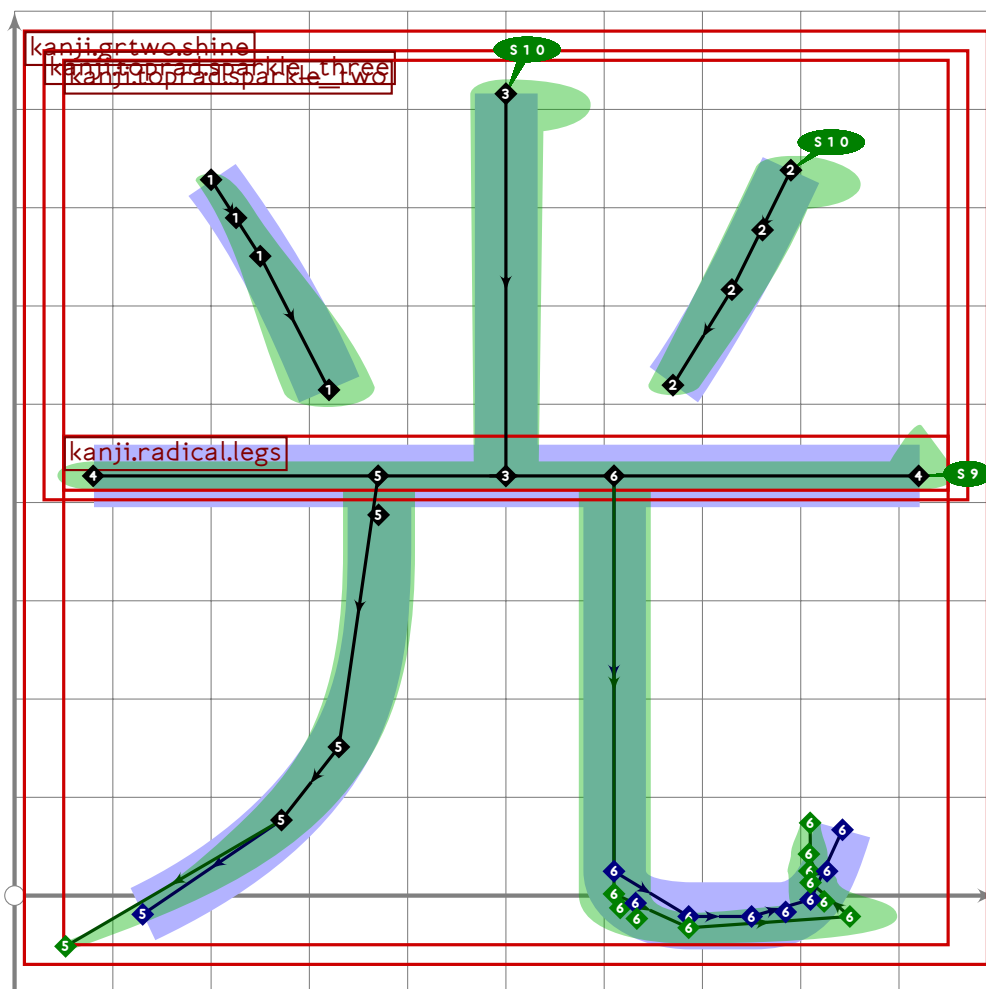

```

```

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

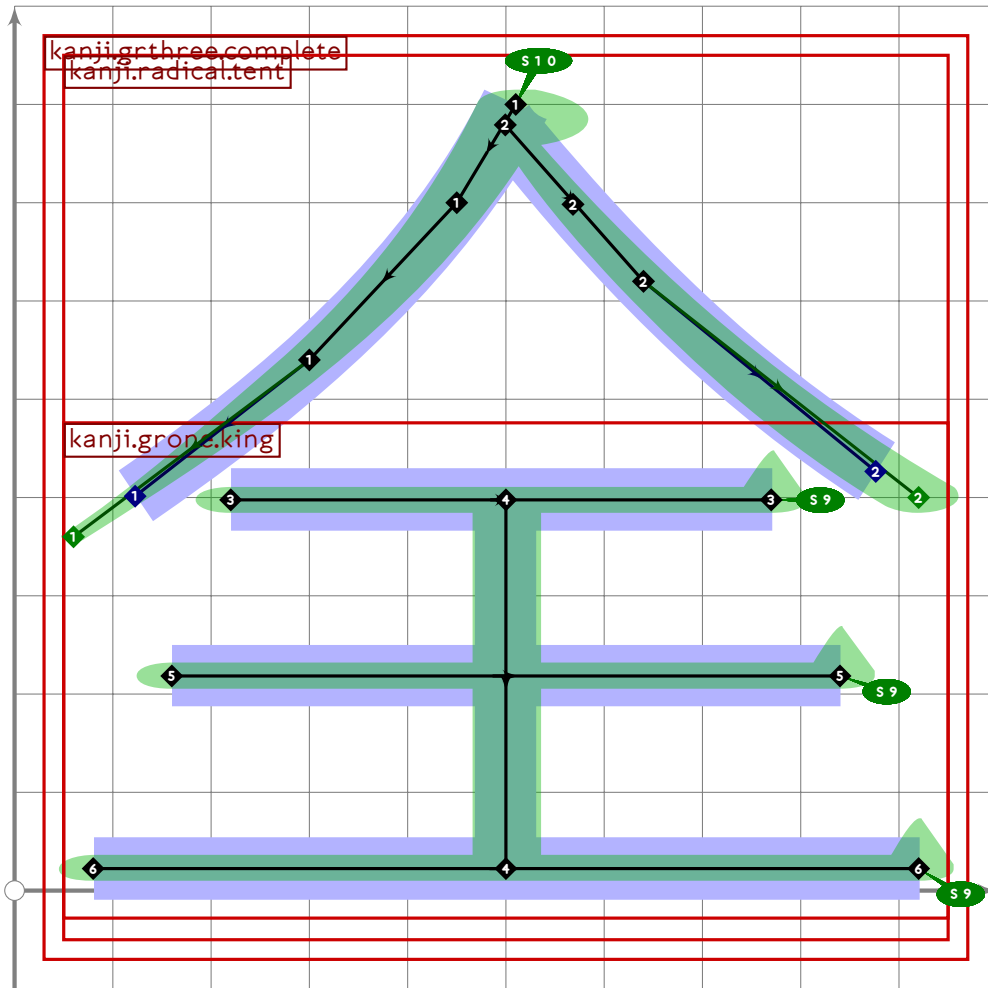
```



```

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

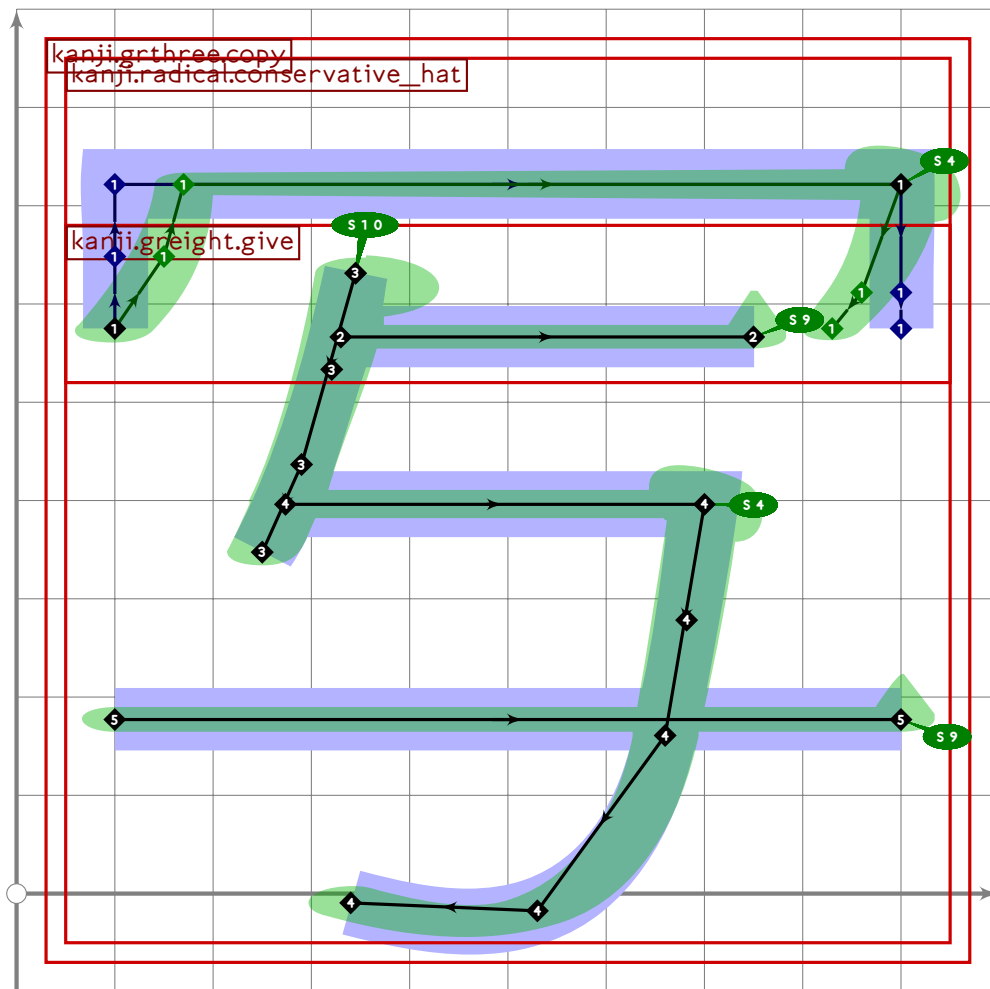
```



```

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

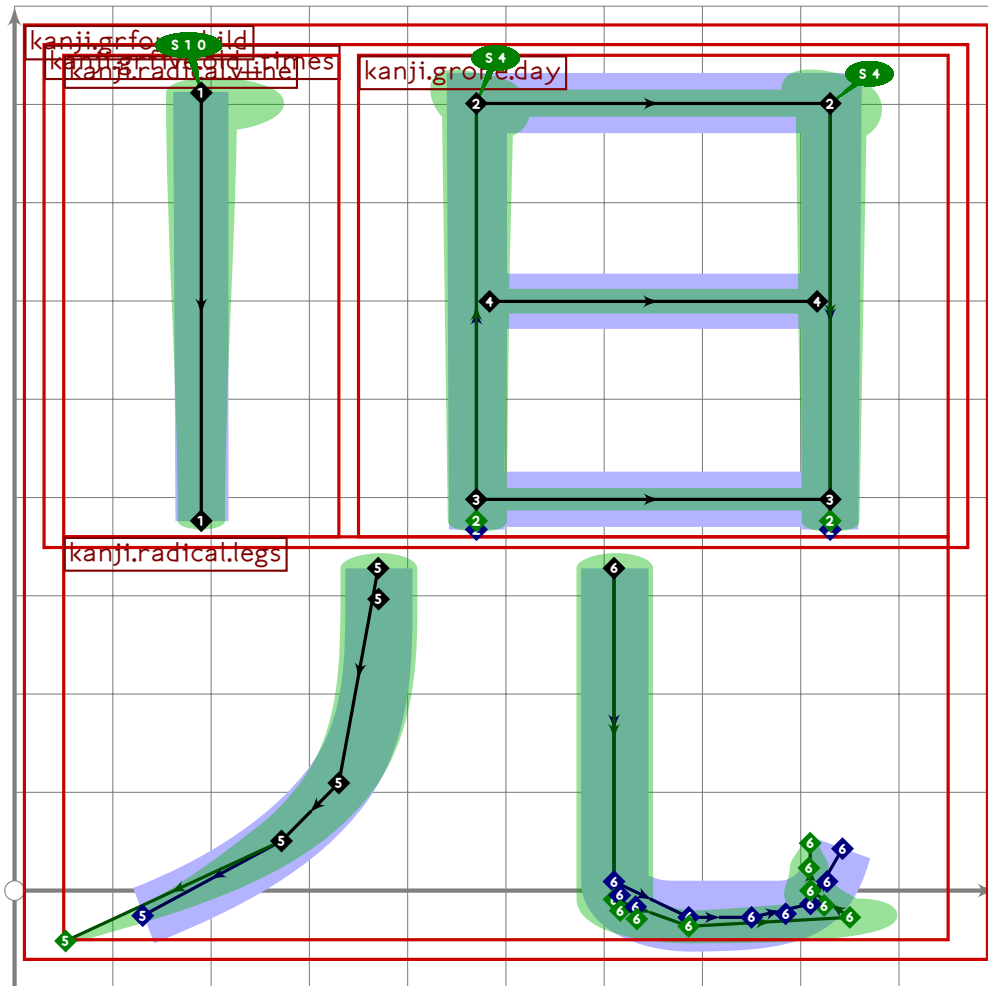
```



```

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

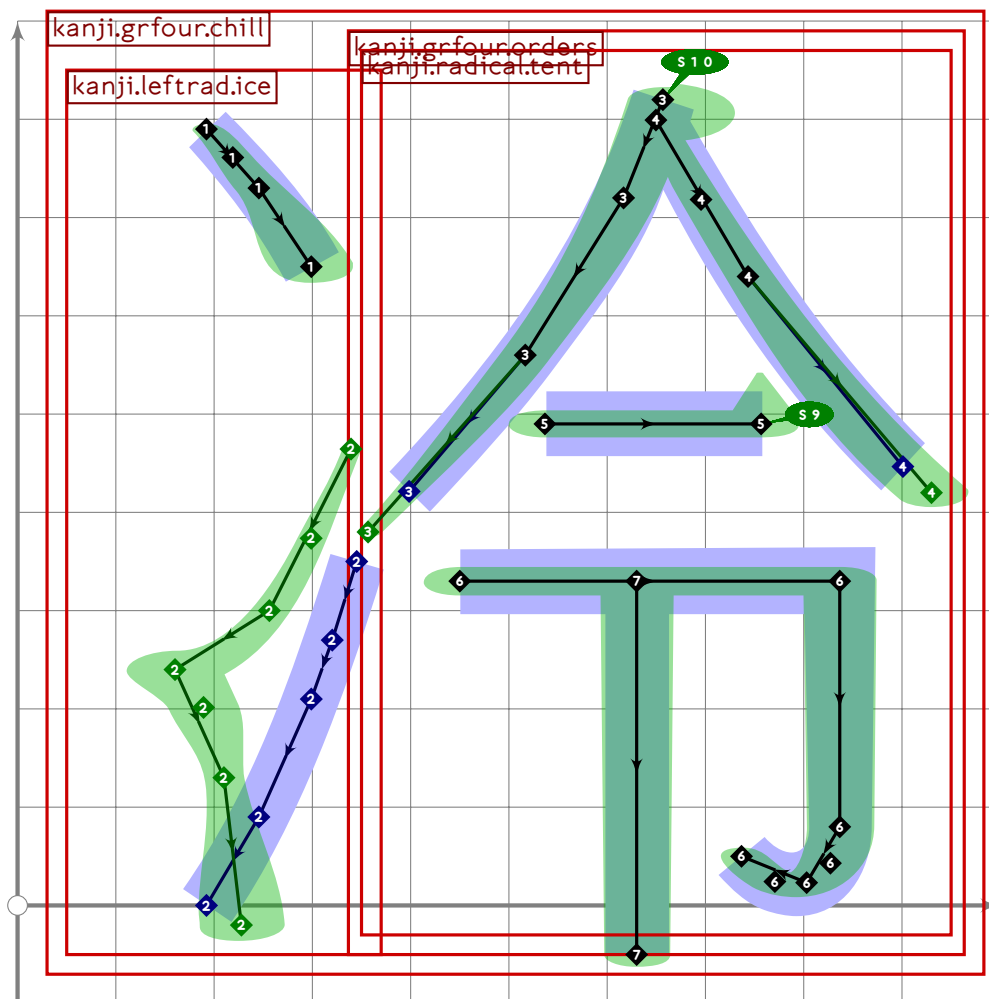
```



```

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

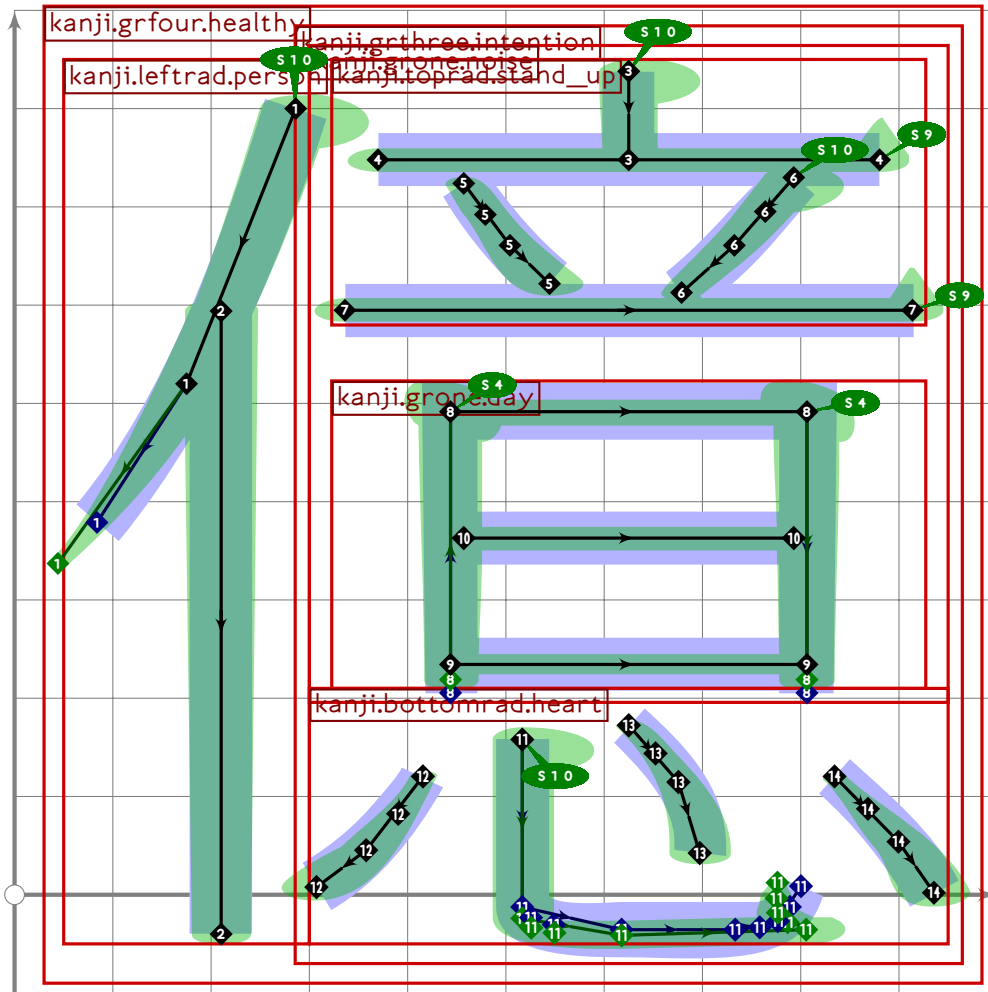
```



```

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

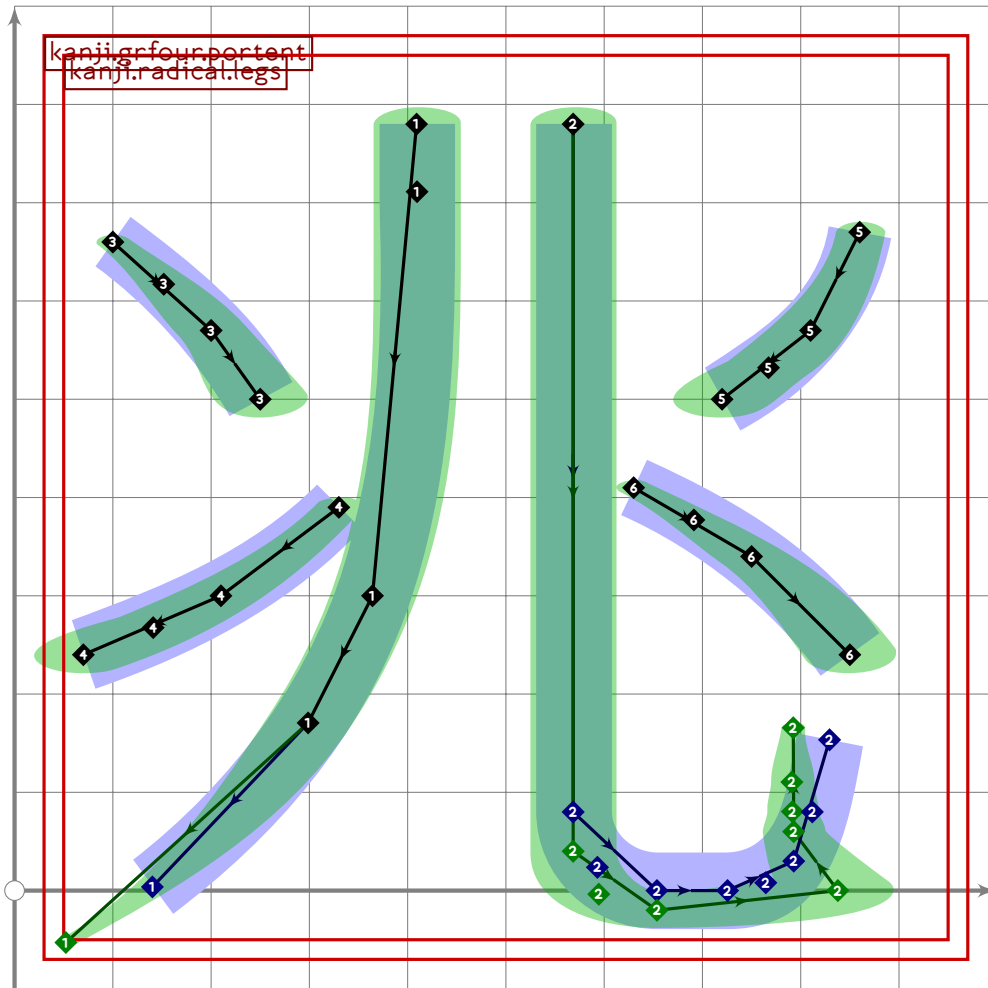
```



```

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

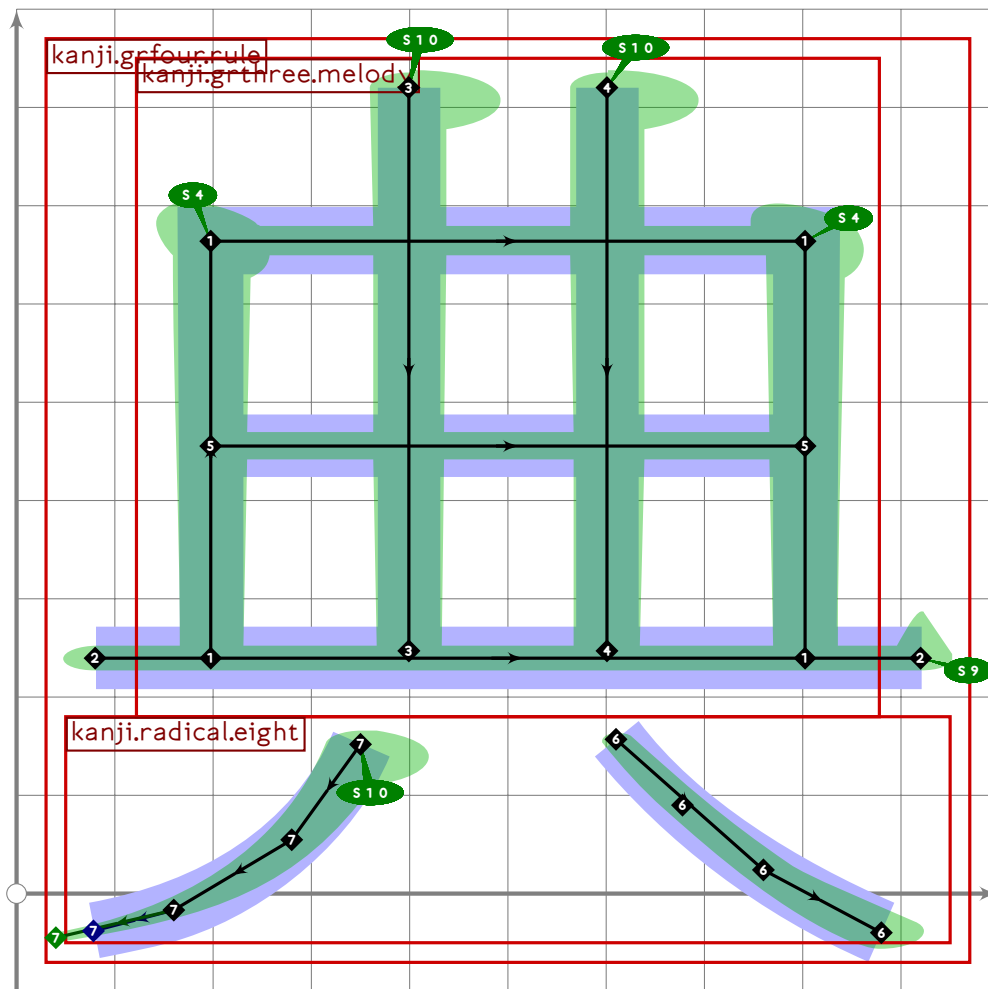
```



```

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

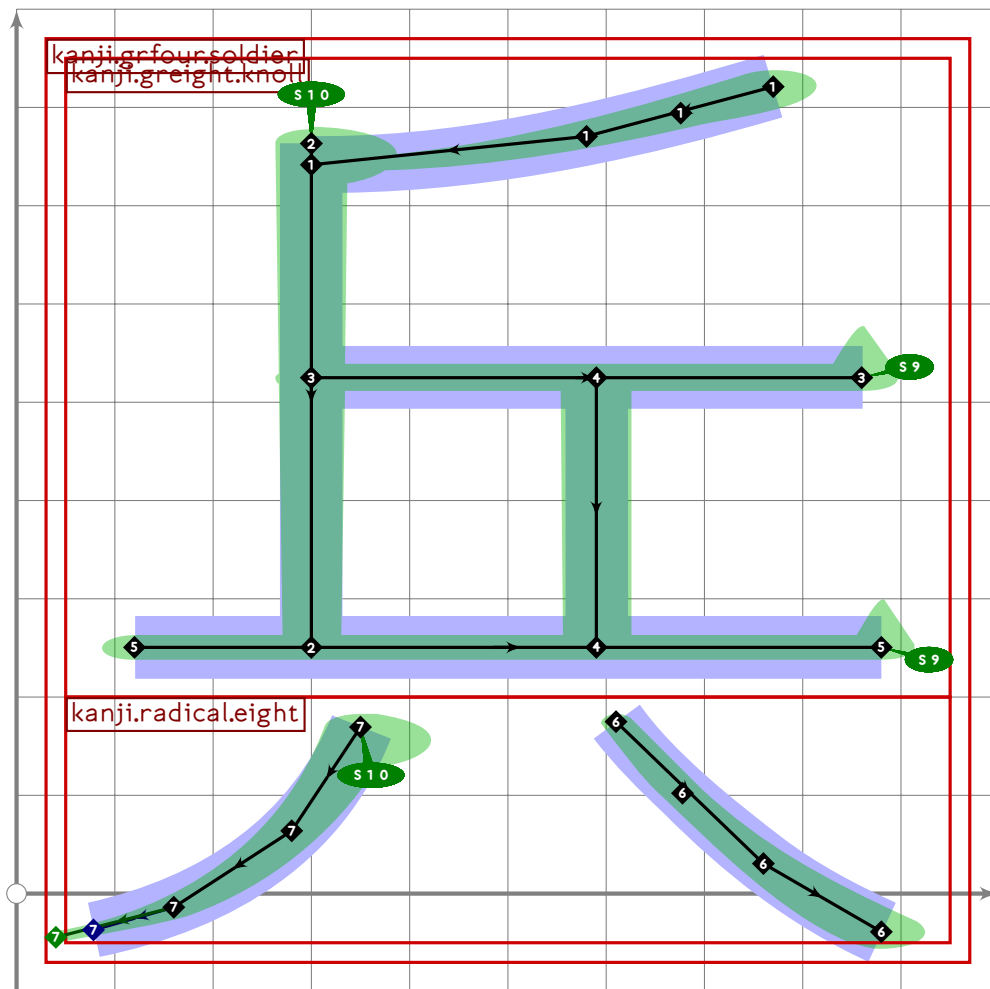
```

```

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

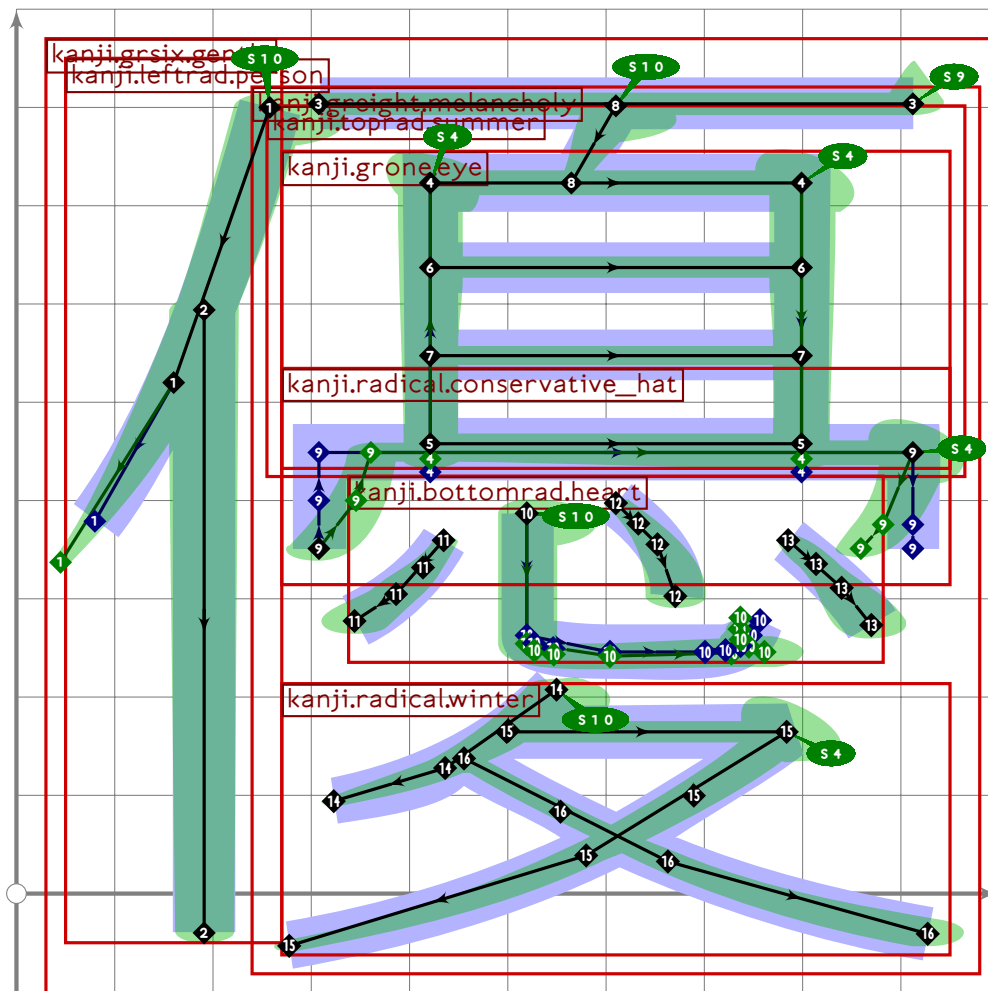
```



```

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

```



```

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

```

[see page 1885]

[see page 1889]

180 tsu_render;
 181 endtsuglyph;
 182
 183 % legs radical
 184 begintsuglyph("uni513F",63); [see page 697]
 185 kanji.radical.legs;
 186 tsu_render;
 187 endtsuglyph;
 188
 189 % kotsu "bald"
 190 begintsuglyph("uni5140",64); [see page 810]
 191 kanji.rare.bald;
 192 tsu_render;
 193 endtsuglyph;
 194
 195 % in/shou "permission"
 196 begintsuglyph("uni5141",65); [see page 797]
 197 kanji.grnine.permission;
 198 tsu_render;
 199 endtsuglyph;
 200
 201 % moto/gen "origin"
 202 begintsuglyph("uni5143",67); [see page 535]
 203 kanji.grtwo.origin;
 204 tsu_render;
 205 endtsuglyph;
 206
 207 % nii (as in oniisan) "big brother"
 208 begintsuglyph("uni5144",68); [see page 484]
 209 kanji.grtwo.big_brother;
 210 tsu_render;
 211 endtsuglyph;
 212
 213 % shuu/a "fulfill"
 214 begintsuglyph("uni5145",69); [see page 747]
 215 kanji.greight.fulfill;
 216 tsu_render;
 217 endtsuglyph;
 218
 219 % chou/kiza "portent" or "trillion"
 220 begintsuglyph("uni5146",70); [see page 1886]
 221 kanji.grfour.portent;
 222 tsu_render;
 223 endtsuglyph;
 224
 225 % sen "ahead"
 226 begintsuglyph("uni5148",72); [see page 415]
 227 kanji.grone.ahead;

228 tsu_render;
 229 endtsuglyph;
 230
 231 % kou/hikari "shine"
 232 begintsuglyph("uni5149";73); [see page 1880]
 233 kanji.grtwo.shine;
 234 tsu_render;
 235 endtsuglyph;
 236
 237 % men/manu "dismiss"
 238 begintsuglyph("uni514D";77); [see page 744]
 239 kanji.greight.dismiss;
 240 tsu_render;
 241 endtsuglyph;
 242
 243 % ko/ji "child"
 244 begintsuglyph("uni5150";80); [see page 1883]
 245 kanji.grfour.child;
 246 tsu_render;
 247 endtsuglyph;
 248
 249 % rare needed for 8AAC
 250 begintsuglyph("uni5151";81); [see page 816]
 251 kanji.rare.cash;
 252 tsu_render;
 253 endtsuglyph;
 254
 255 % hai/i "put it in"
 256 begintsuglyph("uni5165";101); [see page 459]
 257 kanji.grone.put_it_in;
 258 tsu_render;
 259 endtsuglyph;
 260
 261 % zen/matta "complete"
 262 begintsuglyph("uni5168";104); [see page 1881]
 263 kanji.grthree.complete;
 264 tsu_render;
 265 endtsuglyph;
 266
 267 % hachi/ya "eight"
 268 begintsuglyph("uni516B";107); [see page 431]
 269 kanji.grone.eight;
 270 tsu_render;
 271 endtsuglyph;
 272
 273 % kou/kimi "public" but also the pronoun kimi
 274 begintsuglyph("uni516C";108); [see page 537]
 275 kanji.grtwo.public;

276 tsu_render;
 277 endtsuglyph;
 278
 279 % roku/mui "six"
 280 begintsuglyph("uni516D";109); [see page 468]
 281 kanji.grone.six;
 282 tsu_render;
 283 endtsuglyph;
 284
 285 % kyou/tomo "together"
 286 begintsuglyph("uni5171";113); [see page 636]
 287 kanji.grfour.together;
 288 tsu_render;
 289 endtsuglyph;
 290
 291 % hei/tsuwamono "soldier"
 292 begintsuglyph("uni5175";117); [see page 1888]
 293 kanji.grfour.soldier;
 294 tsu_render;
 295 endtsuglyph;
 296
 297 % ki/so "that" (as in sore and sono)
 298 begintsuglyph("uni5176";118); [see page 803]
 299 kanji.grnine.that;
 300 tsu_render;
 301 endtsuglyph;
 302
 303 % gu/sona "ingredient"
 304 begintsuglyph("uni5177";119); [see page 579]
 305 kanji.grthree.ingredient;
 306 tsu_render;
 307 endtsuglyph;
 308
 309 % ten/suke "rule"
 310 begintsuglyph("uni5178";120); [see page 1887]
 311 kanji.grfour.rule;
 312 tsu_render;
 313 endtsuglyph;
 314
 315 % George Michael's Moustache
 316 begintsuglyph("uni5182";130); [see page 696]
 317 kanji.radical.gmm;
 318 tsu_render;
 319 endtsuglyph;
 320
 321 % nai/uchi "home, me"
 322 begintsuglyph("uni5185";133); [see page 512]
 323 kanji.grtwo.home;

324 tsu_render;
 325 endtsuglyph;
 326
 327 % en "yen" (currency unit)
 328 begintsuglyph("uni5186";134); [see page 1879]
 329 kanji.grone.yen;
 330 tsu_render;
 331 endtsuglyph;
 332
 333 % kei/akiraka "clear"
 334 begintsuglyph("uni518F";143); [see page 818]
 335 kanji.rare.clear;
 336 tsu_render;
 337 endtsuglyph;
 338
 339 % like silly-hat minus the upper bobble
 340 begintsuglyph("uni5196";150); [see page 691]
 341 kanji.radical.conservative_hat;
 342 tsu_render;
 343 endtsuglyph;
 344
 345 % sha/utsu "copy" (often photo)
 346 begintsuglyph("uni5199";153); [see page 1882]
 347 kanji.grthree.copy;
 348 tsu_render;
 349 endtsuglyph;
 350
 351 % tou/fuyu "winter"
 352 begintsuglyph("uni51AC";172); [see page 555]
 353 kanji.grtwo.winter;
 354 tsu_render;
 355 endtsuglyph;
 356
 357 % rei/tsume "chill"
 358 begintsuglyph("uni51B7";183); [see page 1884]
 359 kanji.grfour.chill;
 360 tsu_render;
 361 endtsuglyph;
 362
 363 % ki/kinyou "windy radical"
 364 begintsuglyph("uni51E0";224); [see page 718]
 365 kanji.radical.windy;
 366 tsu_render;
 367 endtsuglyph;
 368
 369 % kan "open box radical"
 370 begintsuglyph("uni51F5";245); [see page 706]
 371 kanji.radical.open_box;

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

[see page 438]

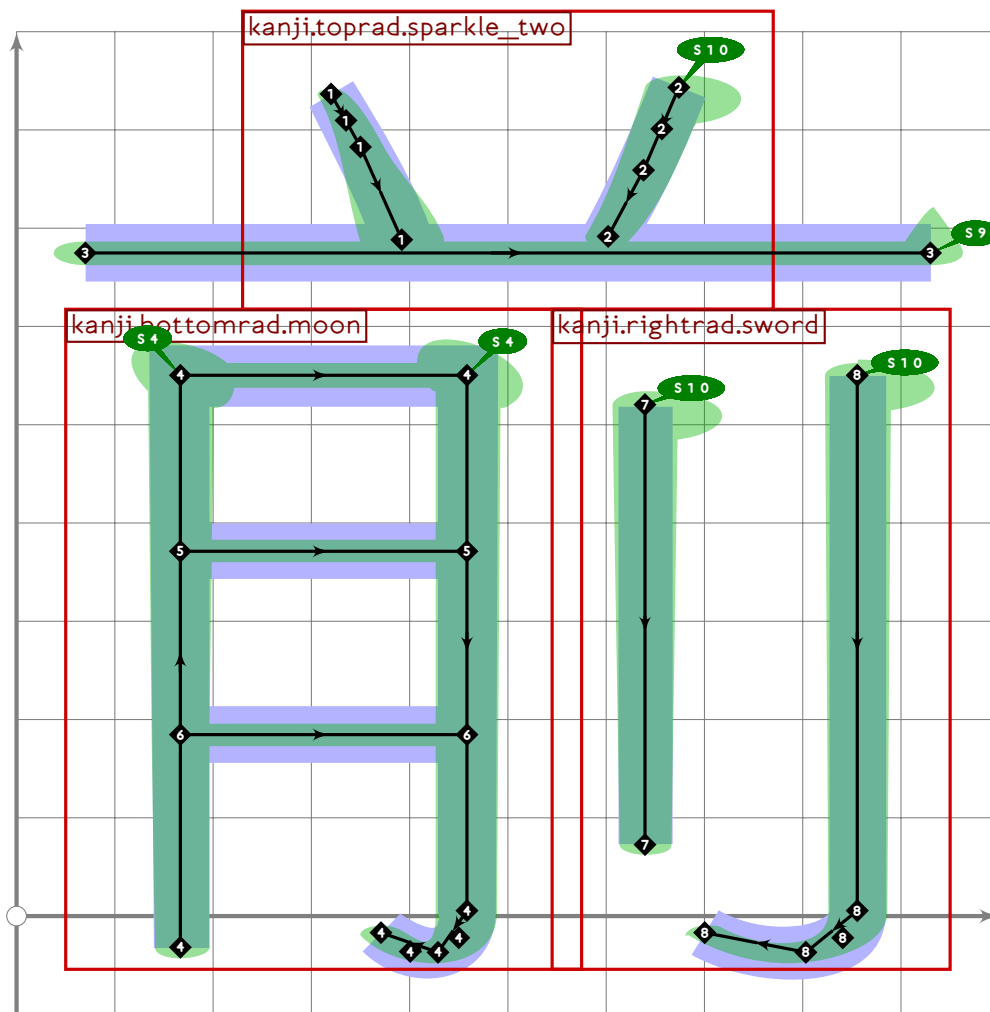

```
1 %
2 % Unicode page 52 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

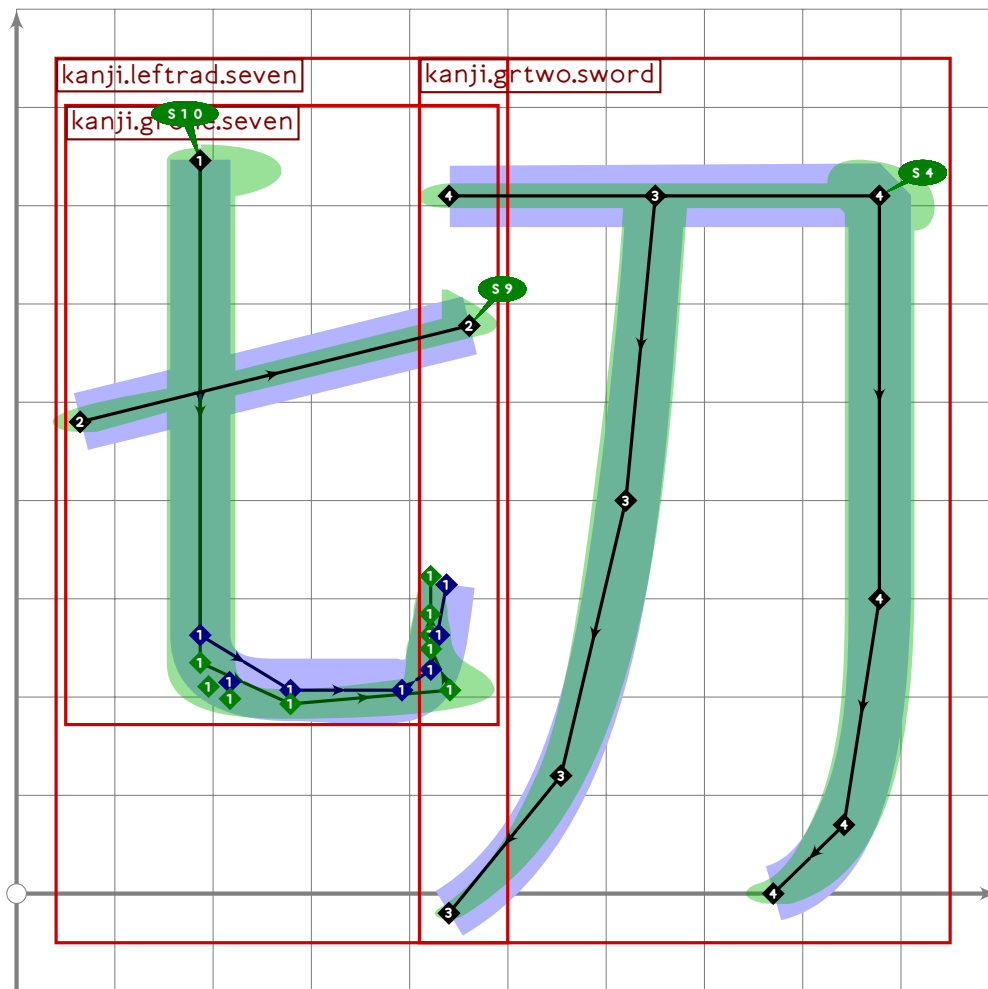

```



```

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

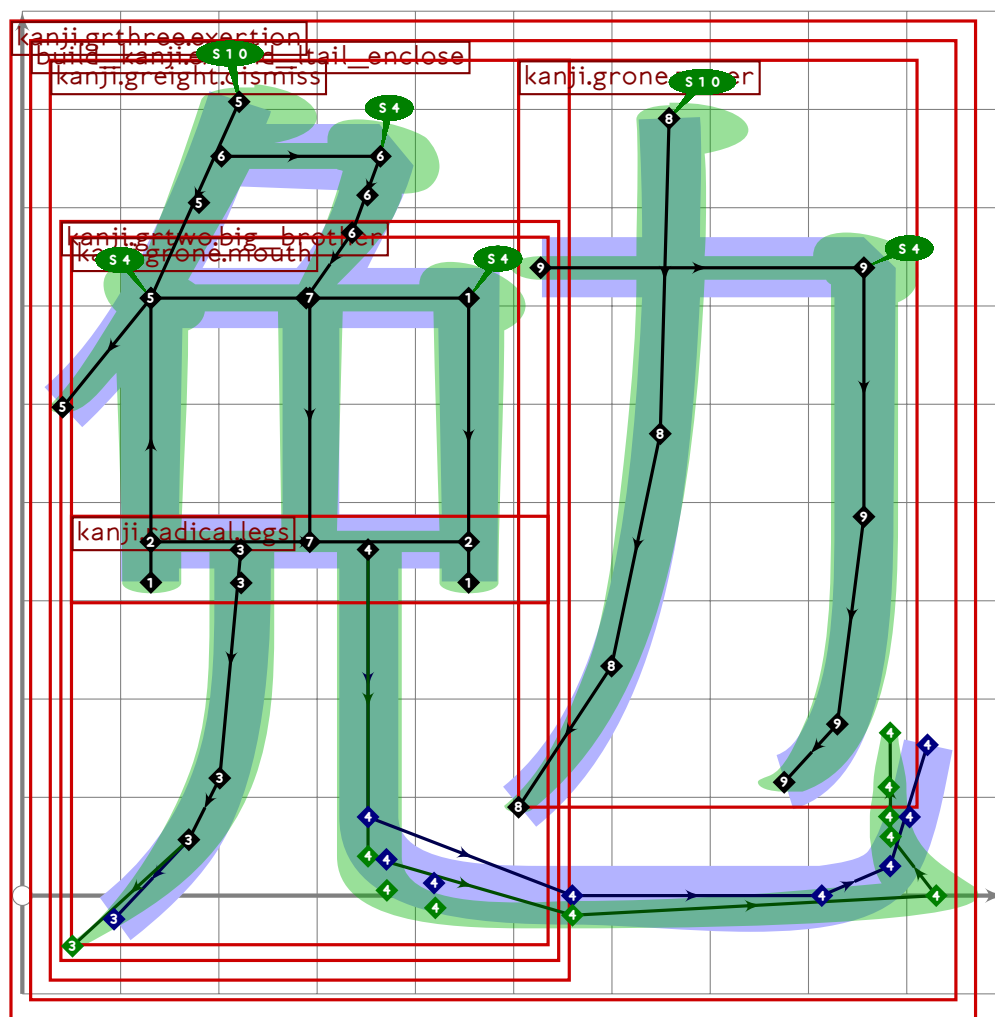
```



```

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

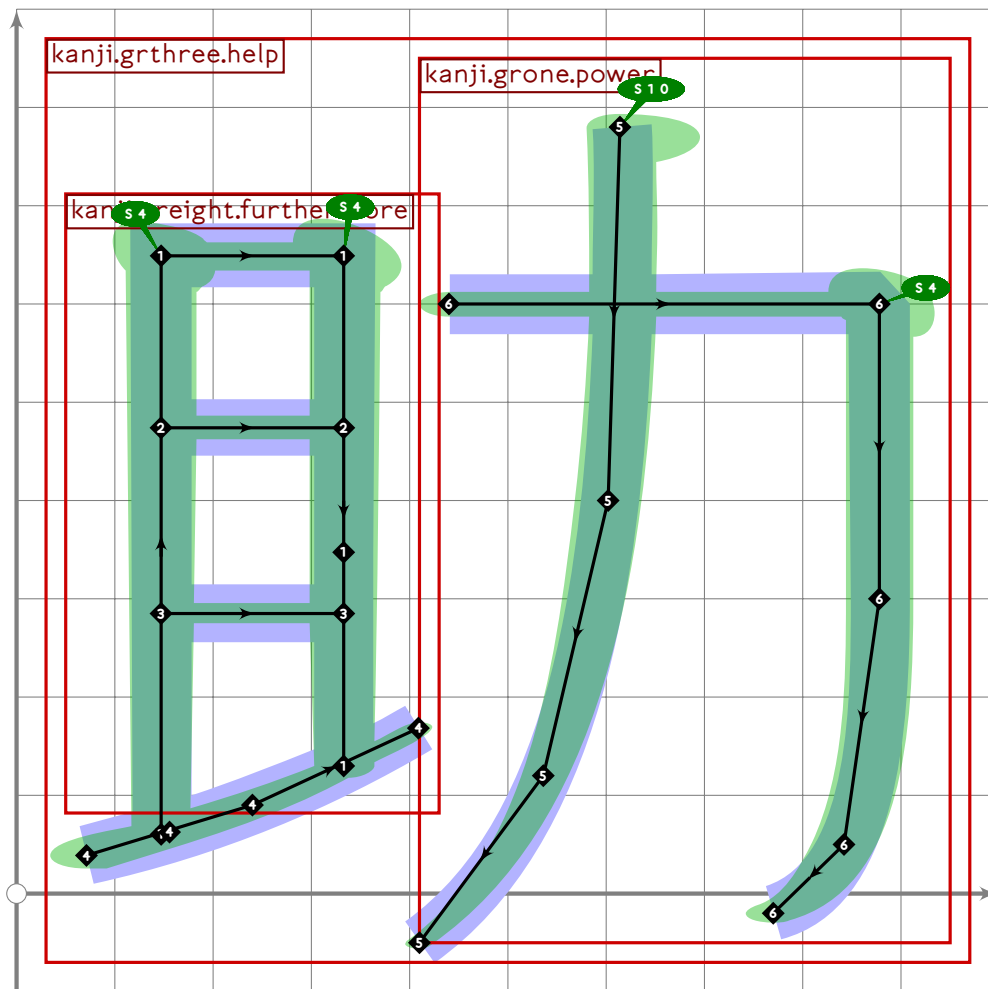
```



```

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

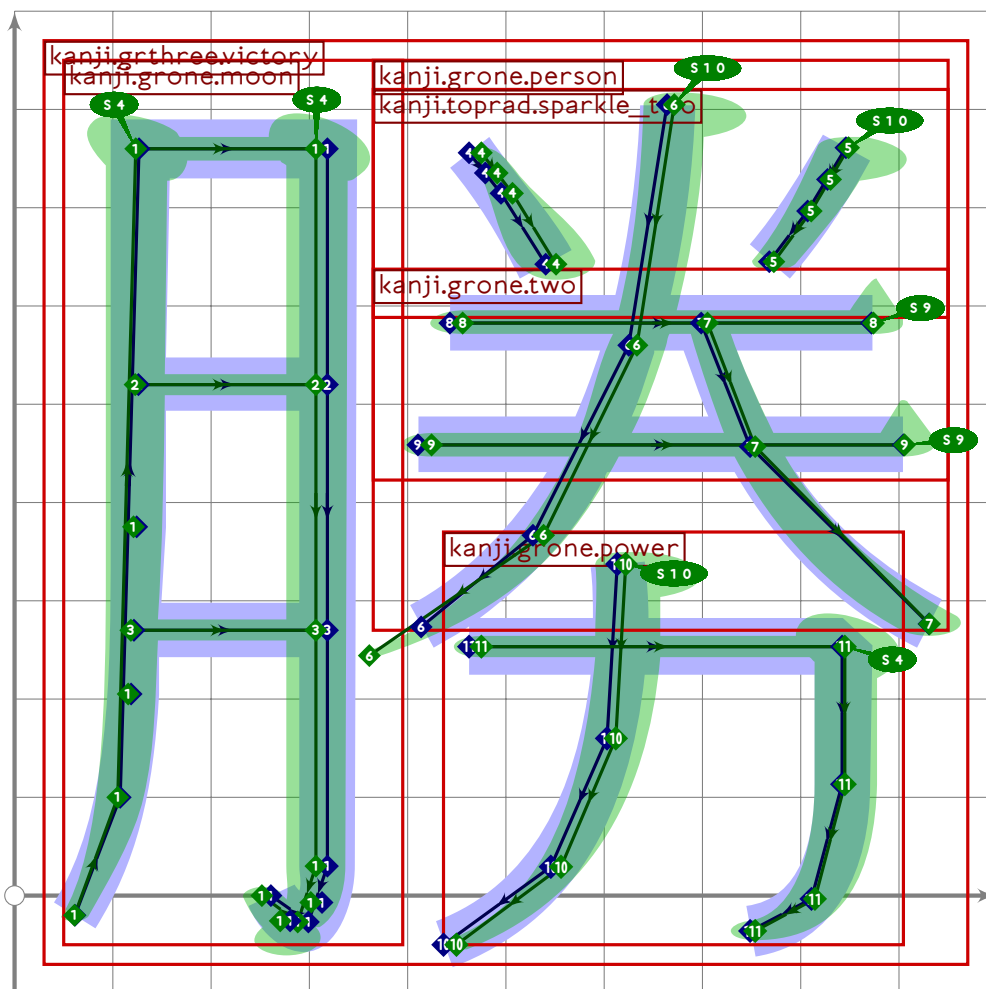
```



```

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

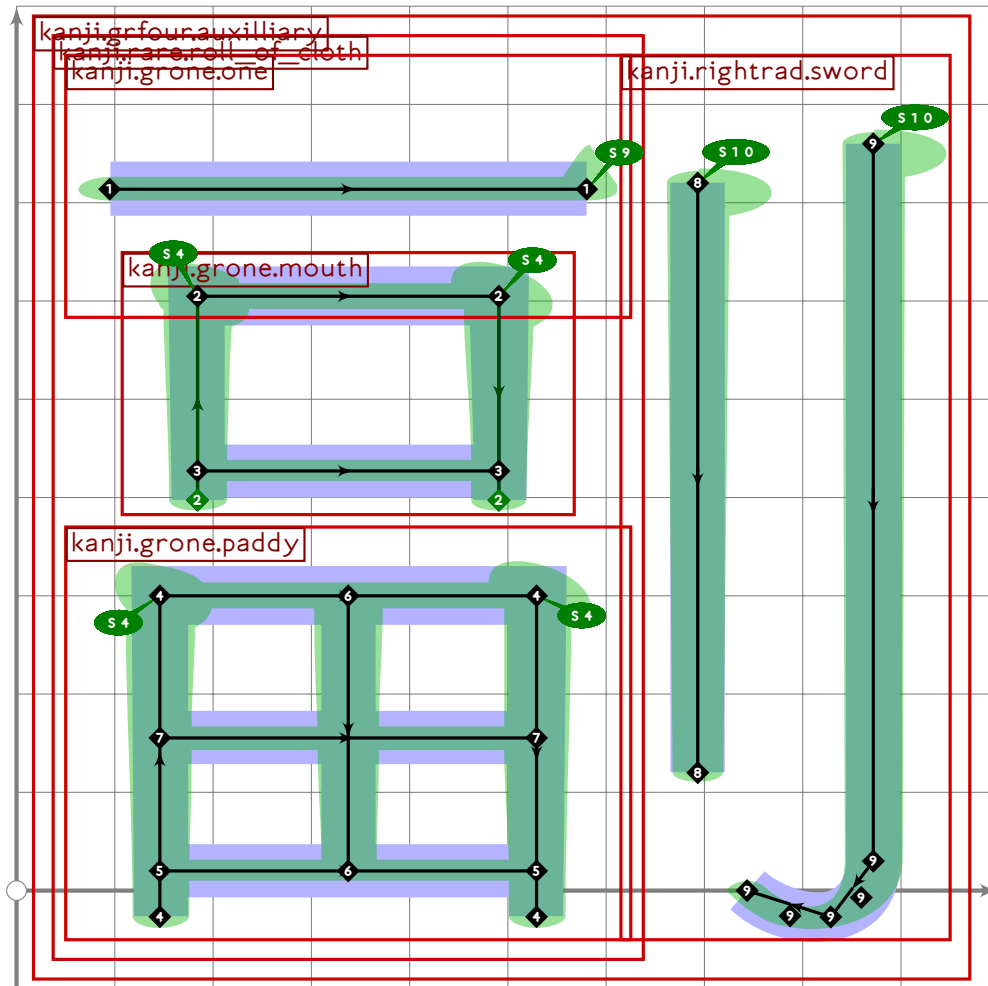
```



```

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

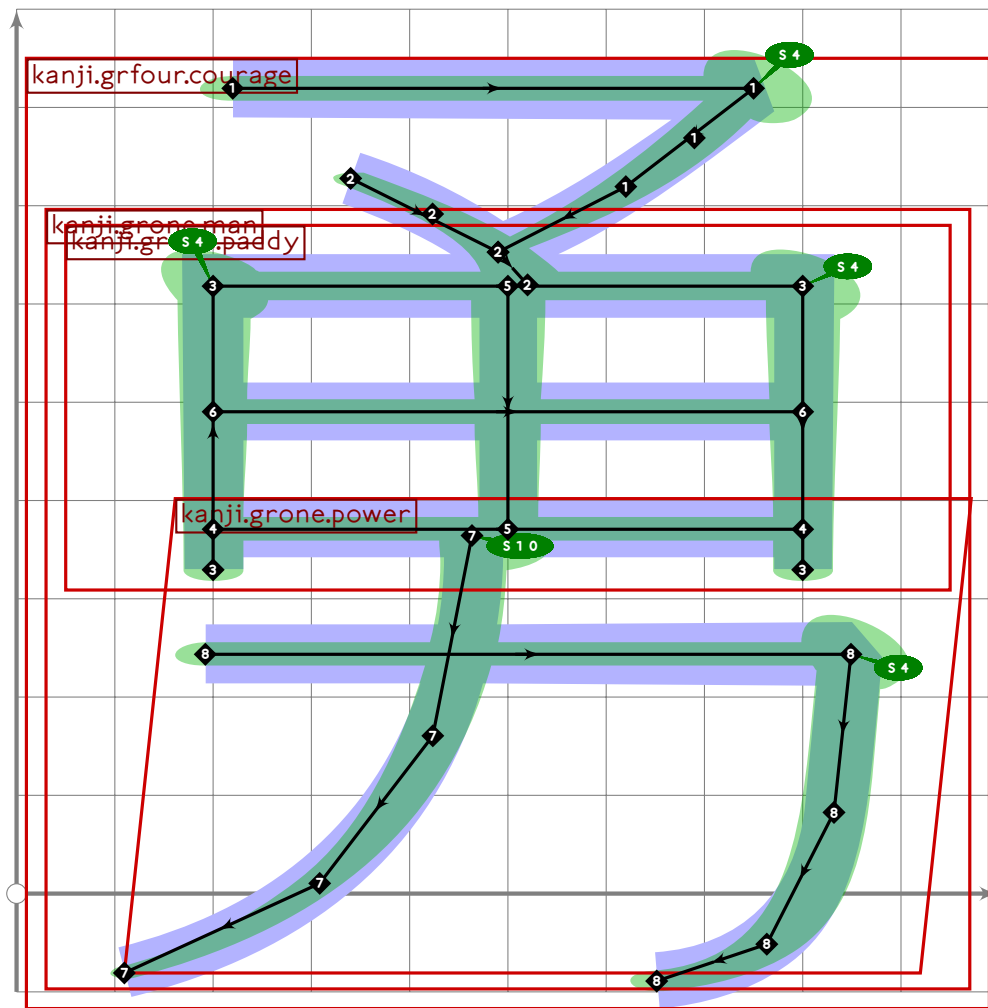
```



```

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

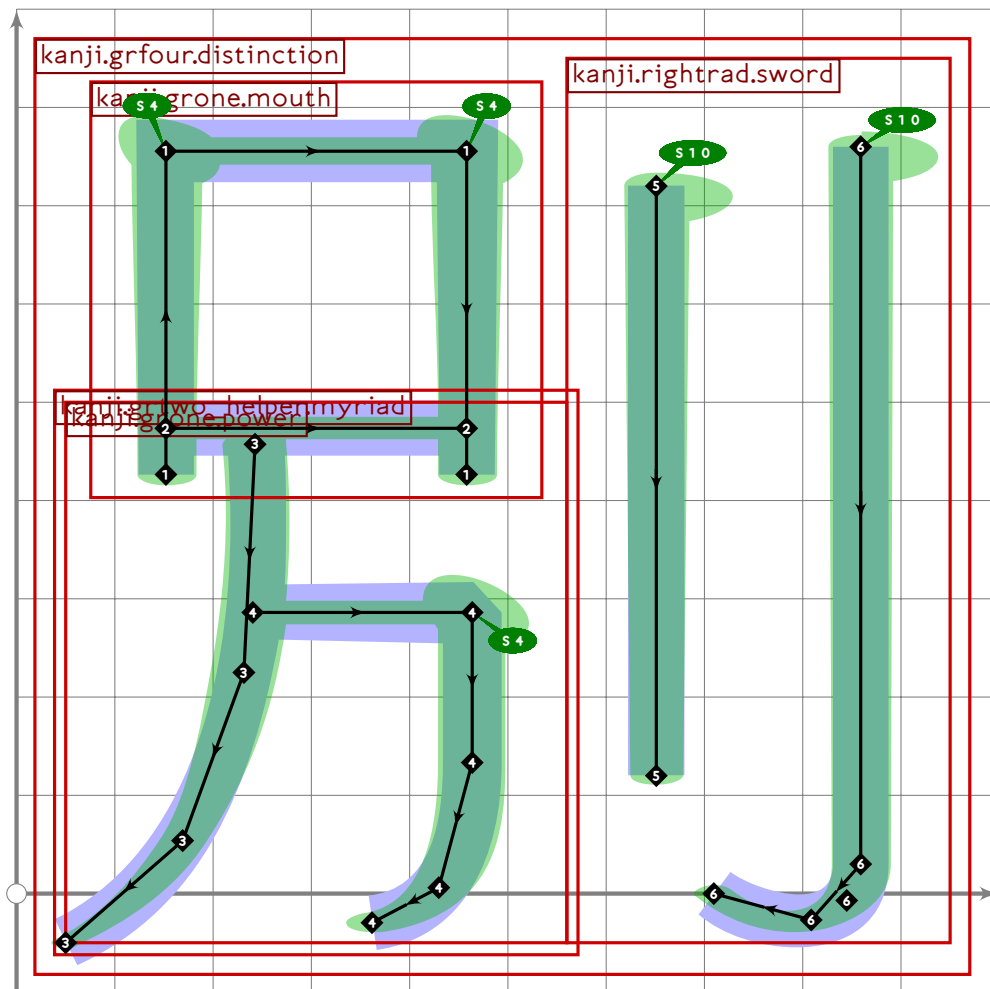
```



```

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

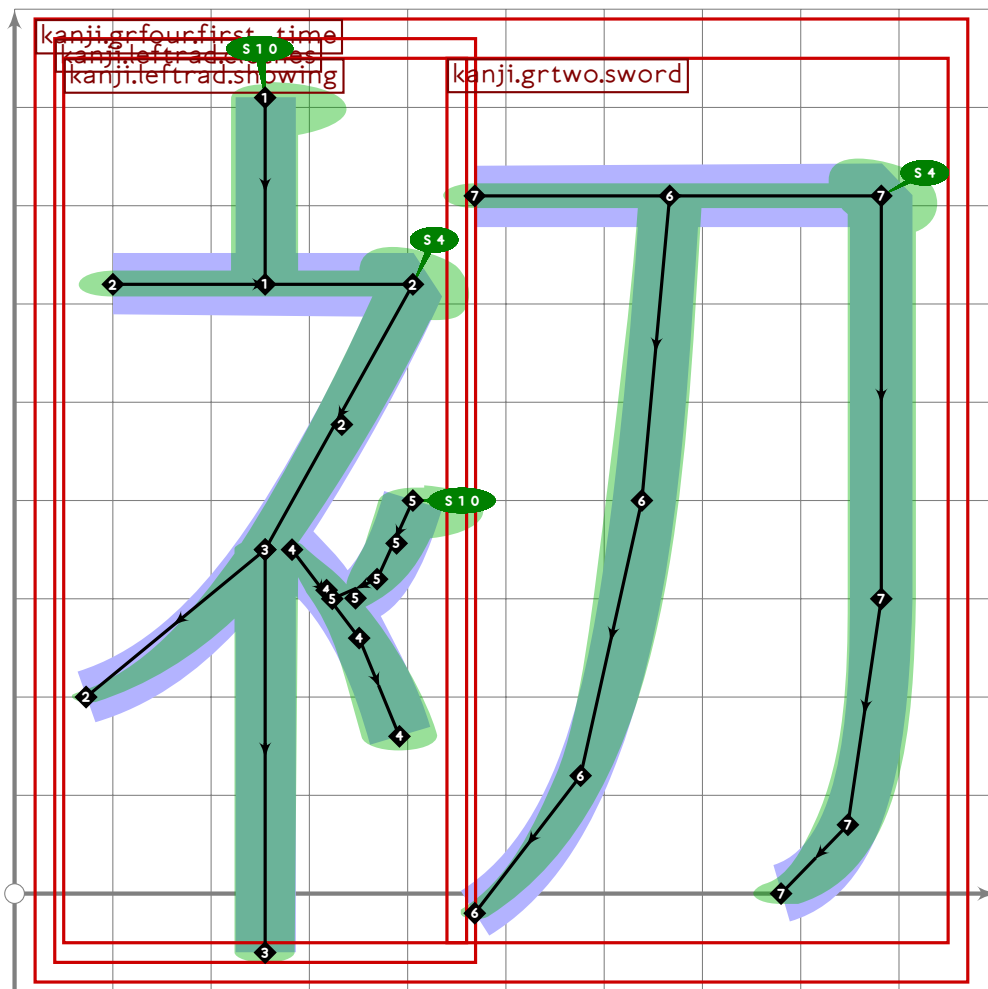
```

```

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

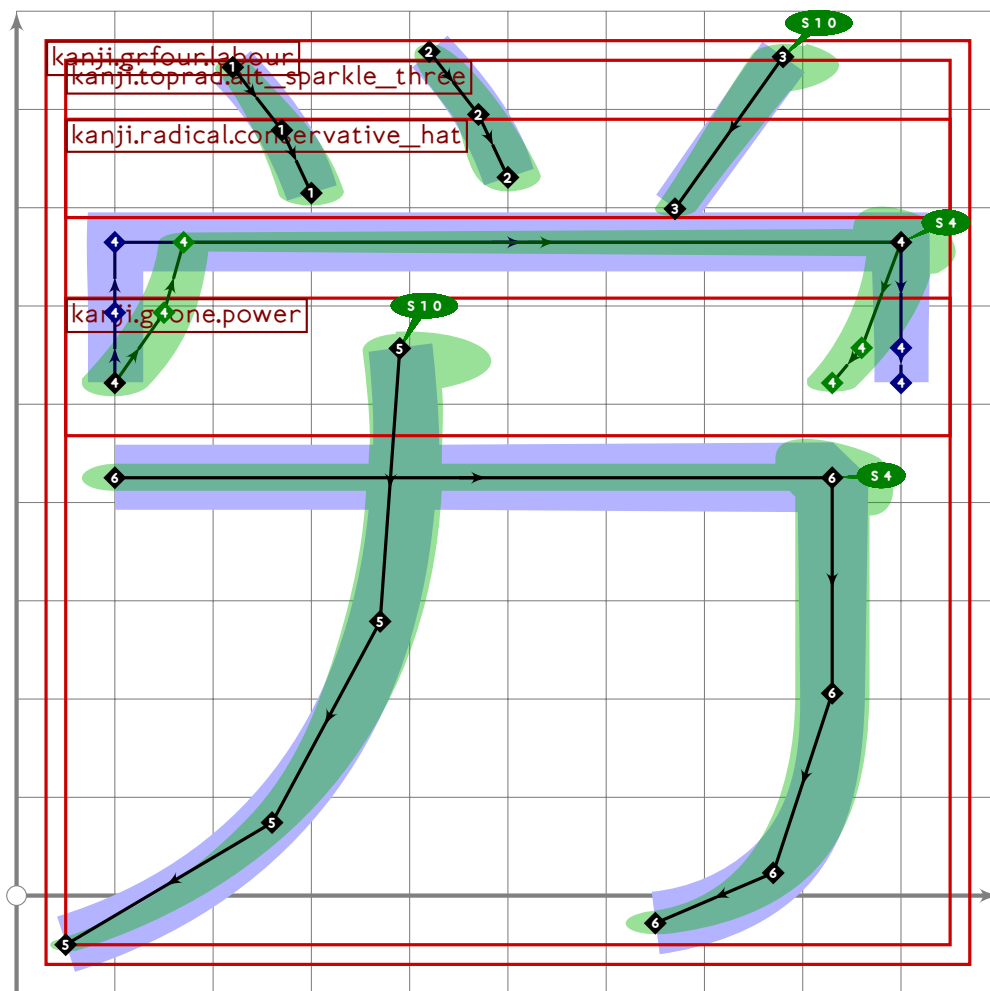
```



```

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

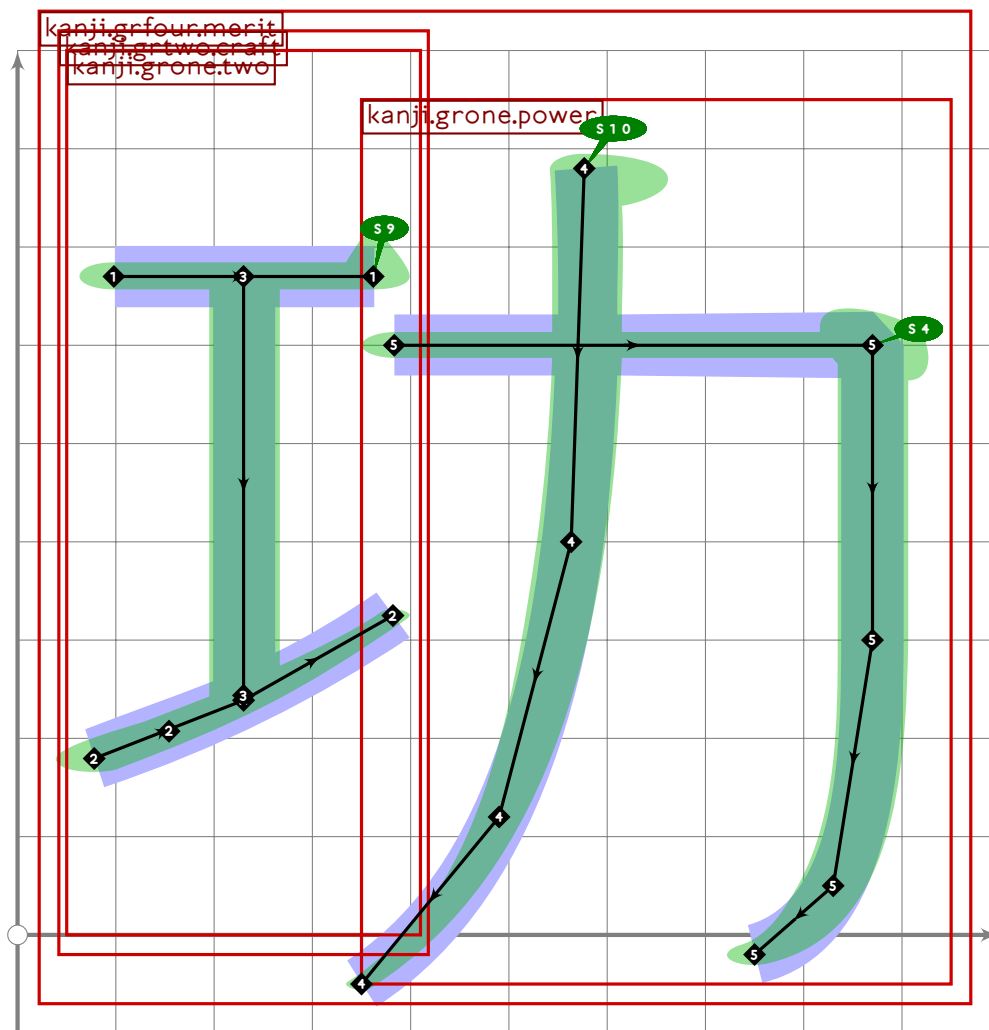
```



```

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

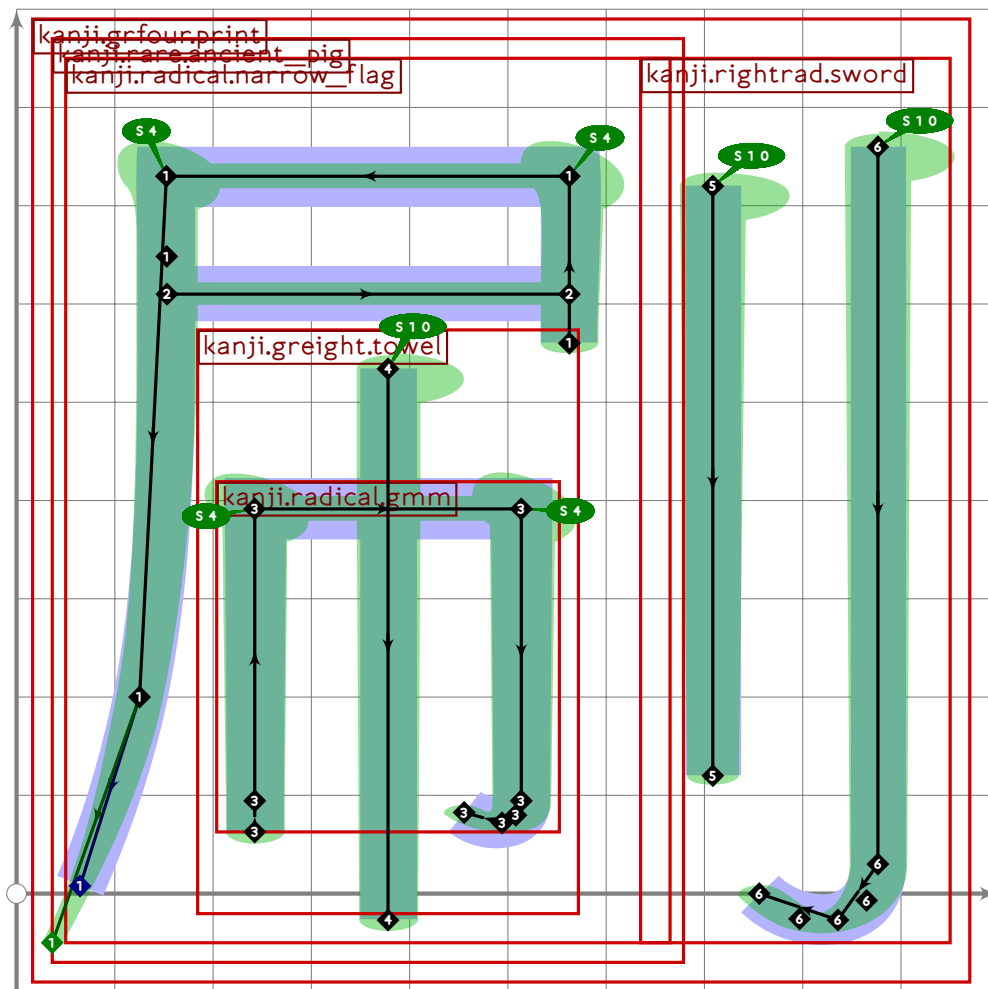
```



```

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

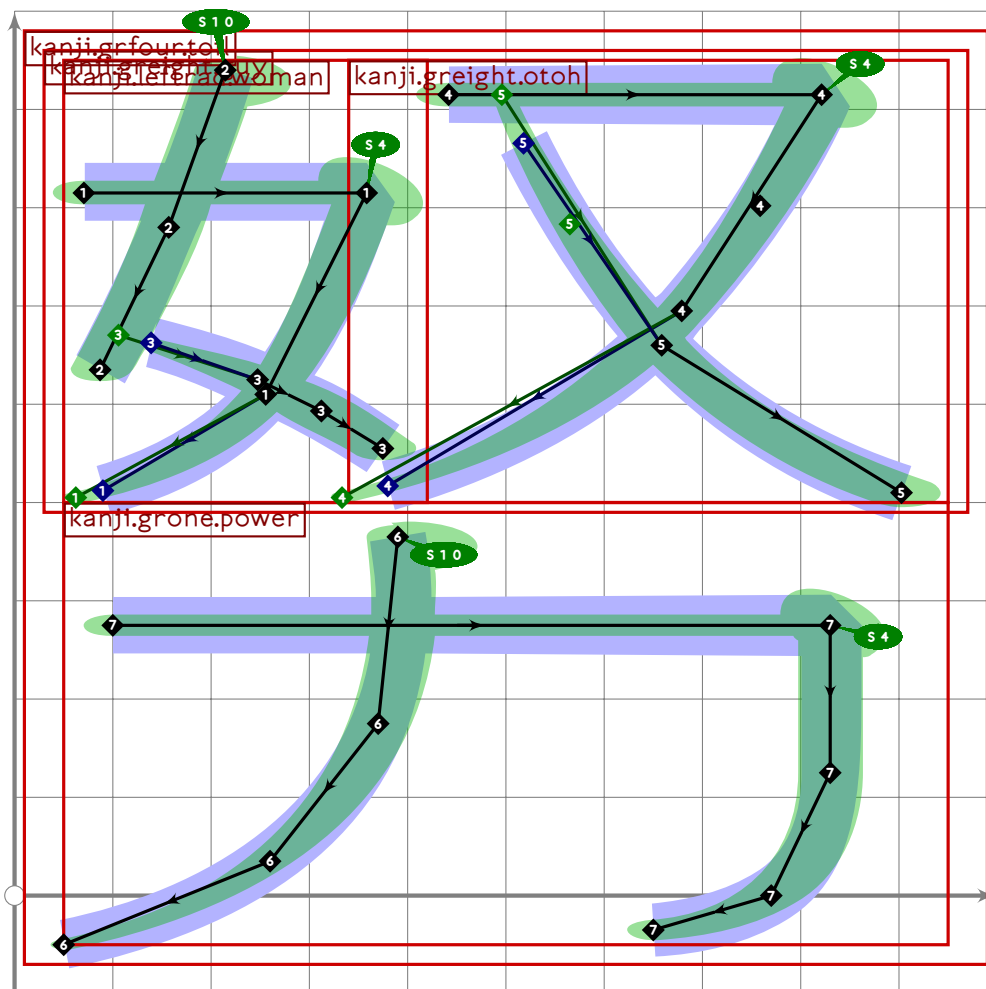
```



```

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

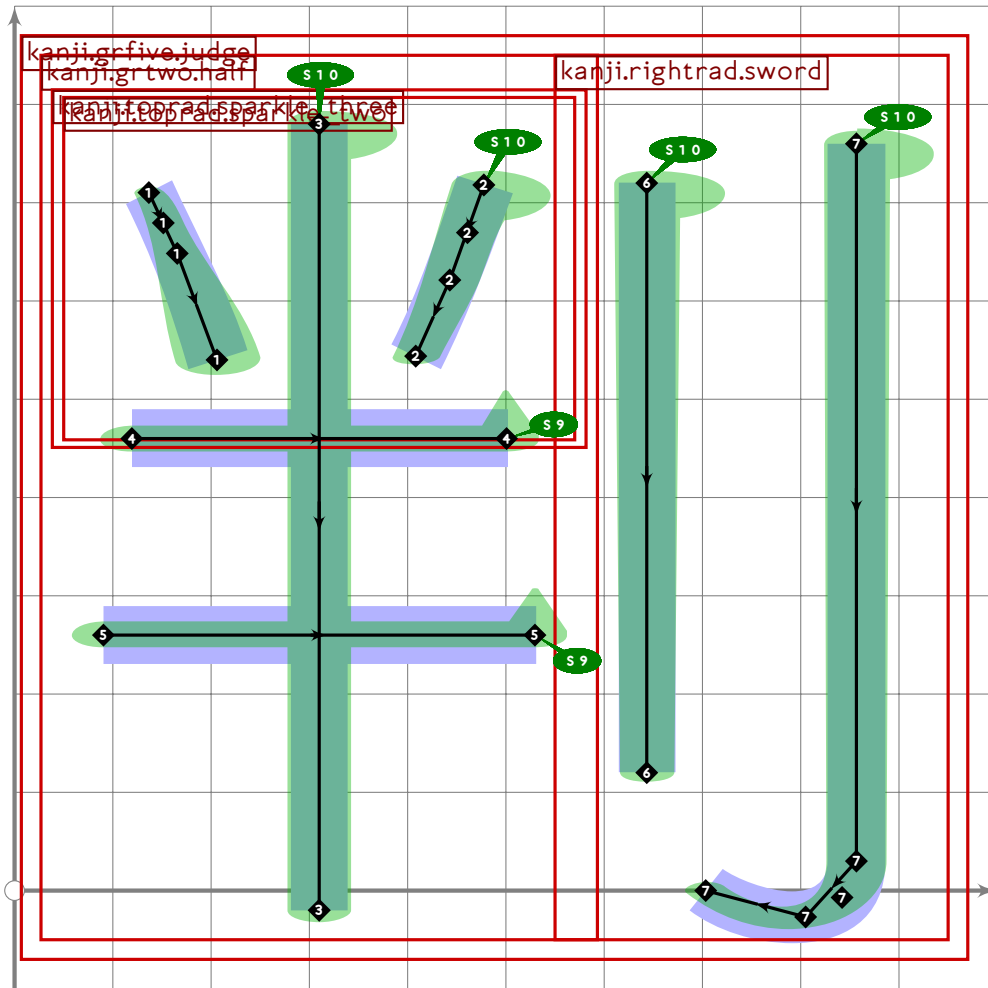
```



```

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

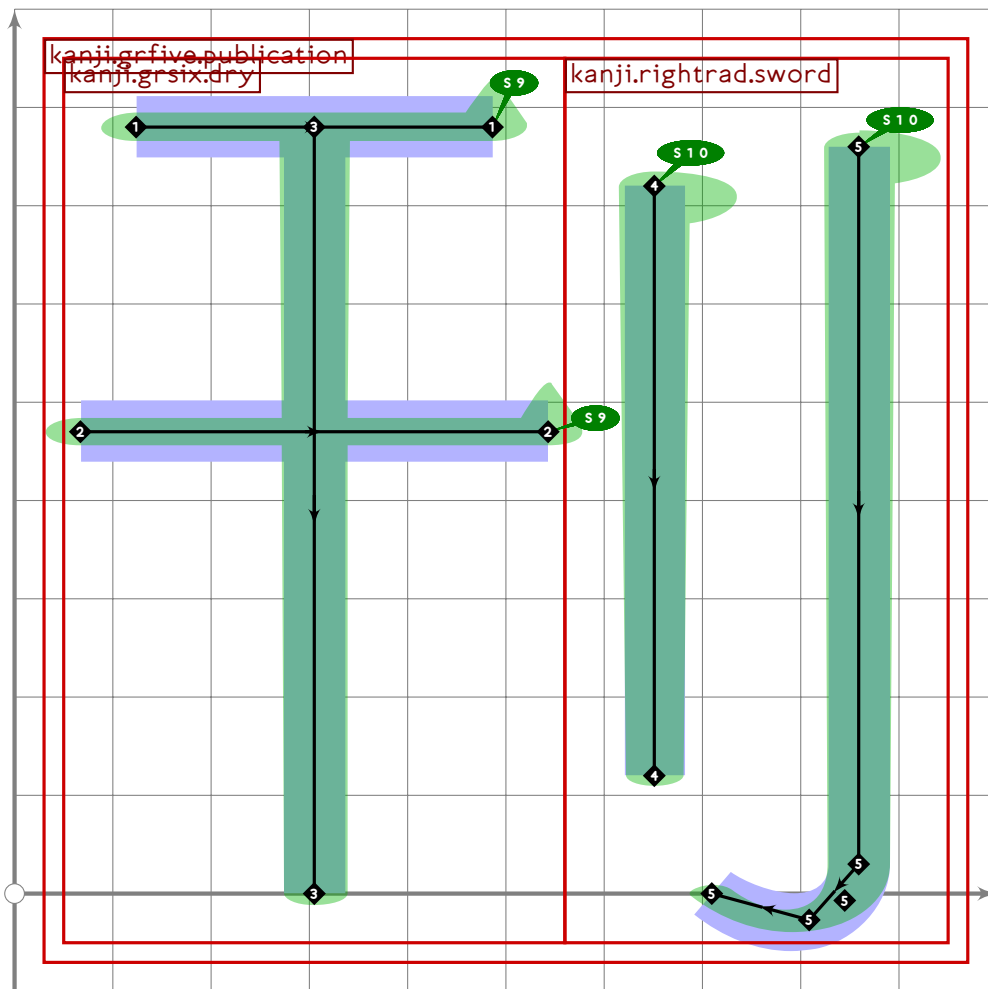
```



```

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

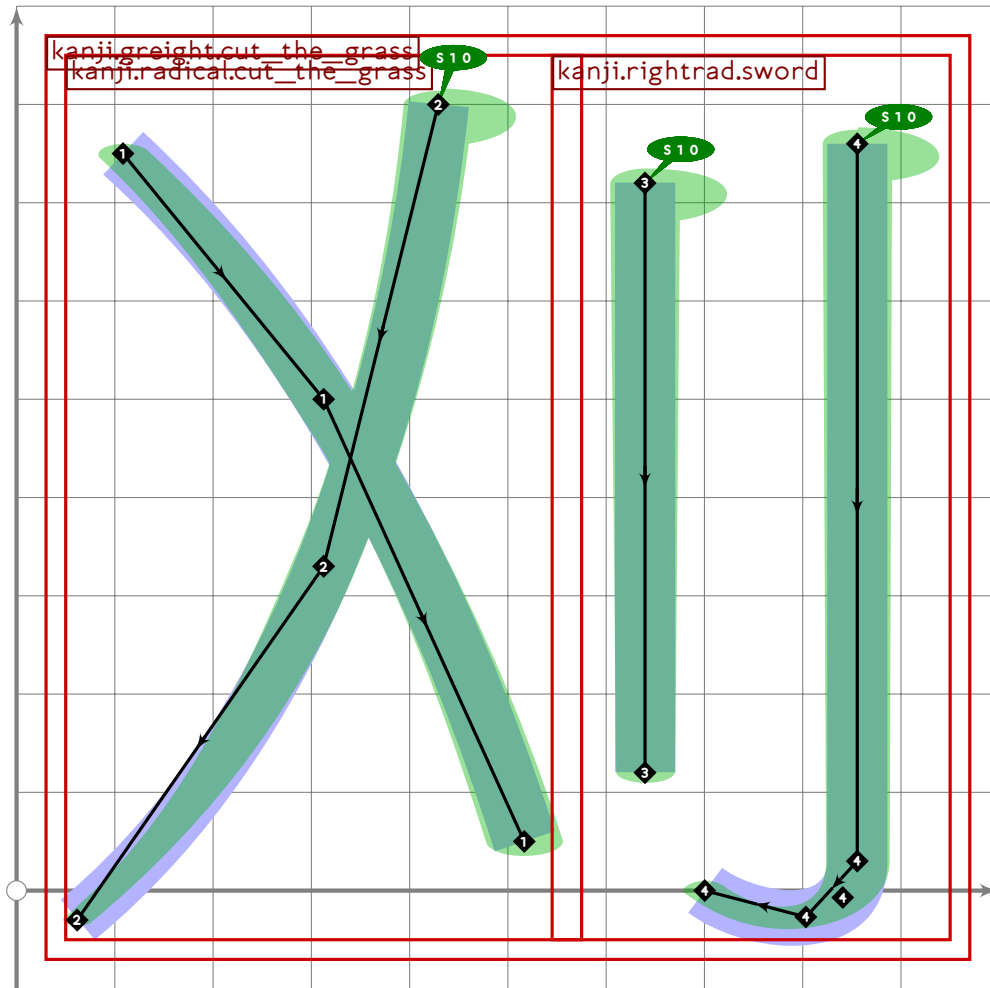
```



```

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

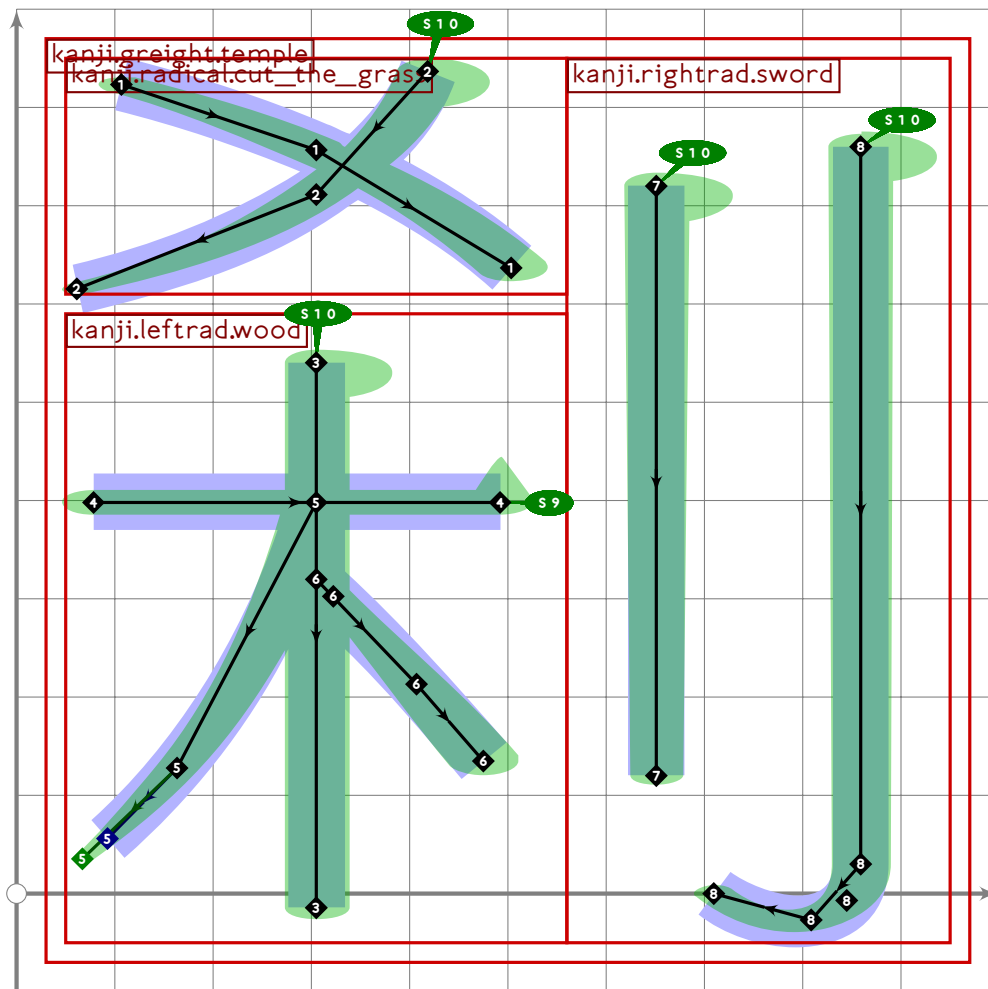
```

```

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

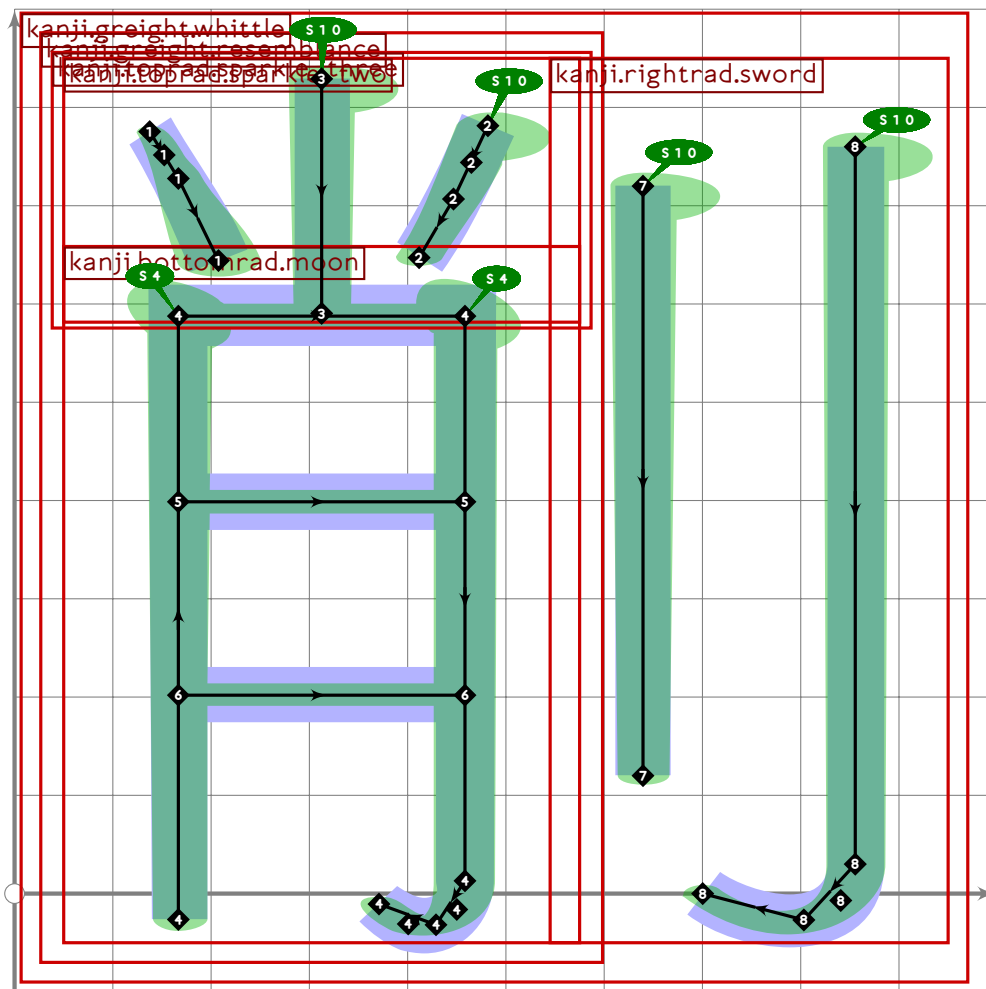
```



```

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

```



```

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

```

```

252 (50,850) transformed myxf1=(50,850);
253 (950,850) transformed myxf1=(870,850);
254 build_kanji.lr(splitpoint,overlap)
255   (perl_structure:=perl_structure&"]");
256   leftstuff;
257   ele_curve:=last_ltail)
258   (tsu_xform(myxf1)(rightstuff);
259   perl_structure:=perl_structure&"]",[");
260   obstackp[ele_curve]:=
261     subpath (0,length obstackp[ele_curve]-6) of obstackp[ele_curve];
262   obstackq[ele_curve]:=
263     subpath (0,length obstackq[ele_curve]-6) of obstackq[ele_curve];
264   i:=0;
265   forever;
266     fsi:=find_stroke(i);
267     if fsi=last_ltail:
268       build_kanji.add_ltail(i);
269     fi;
270     exitif fsi=last_ltail;
271     i:=i+1;
272   endfor;
273   (ulcorner obstackp[ele_curve]) transformed myxf2=
274     ulcorner obstackp[ele_curve];
275   (llcorner obstackp[ele_curve]) transformed myxf2=
276     llcorner obstackp[ele_curve];
277   (xpart lrcorner obstackp[ele_curve],50) transformed myxf2=
278     (930,50);
279   obstackp[ele_curve]:=obstackp[ele_curve] transformed myxf2;
280 endgroup;
281 perl_structure:=perl_structure&"]";
282 expand_pbox;
283 enddef;
284
285
286
287 % tou/katana "sword"
288 begintsuglyph("uni5200";0); [see page 546]
289   kanji.grtwo.sword;
290   tsu_render;
291 endtsuglyph;
292
293 % tou "sword radical"
294 begintsuglyph("uni5202";2); [see page 726]
295   kanji.rightrad.sword;
296   tsu_render;
297 endtsuglyph;
298
299 % bun/wa "minute" or "understand" (wakarimasu ka?)

```

```

300 begintsuglyph("uni5206";6);
301   kanji.grtwo.minute;
302   tsu_render;
303 endtsuglyph;
304
305 % setsu/ki "cut"
306 begintsuglyph("uni5207";7);
307   kanji.grtwo.cut;
308   tsu_render;
309 endtsuglyph;
310
311 % gai/ka "mow"
312 begintsuglyph("uni5208";8);
313   kanji.greight.cut_the_grass;
314   tsu_render;
315 endtsuglyph;
316
317 % kan "publication"
318 begintsuglyph("uni520A";10);
319   kanji.grfive.publication;
320   tsu_render;
321 endtsuglyph;
322

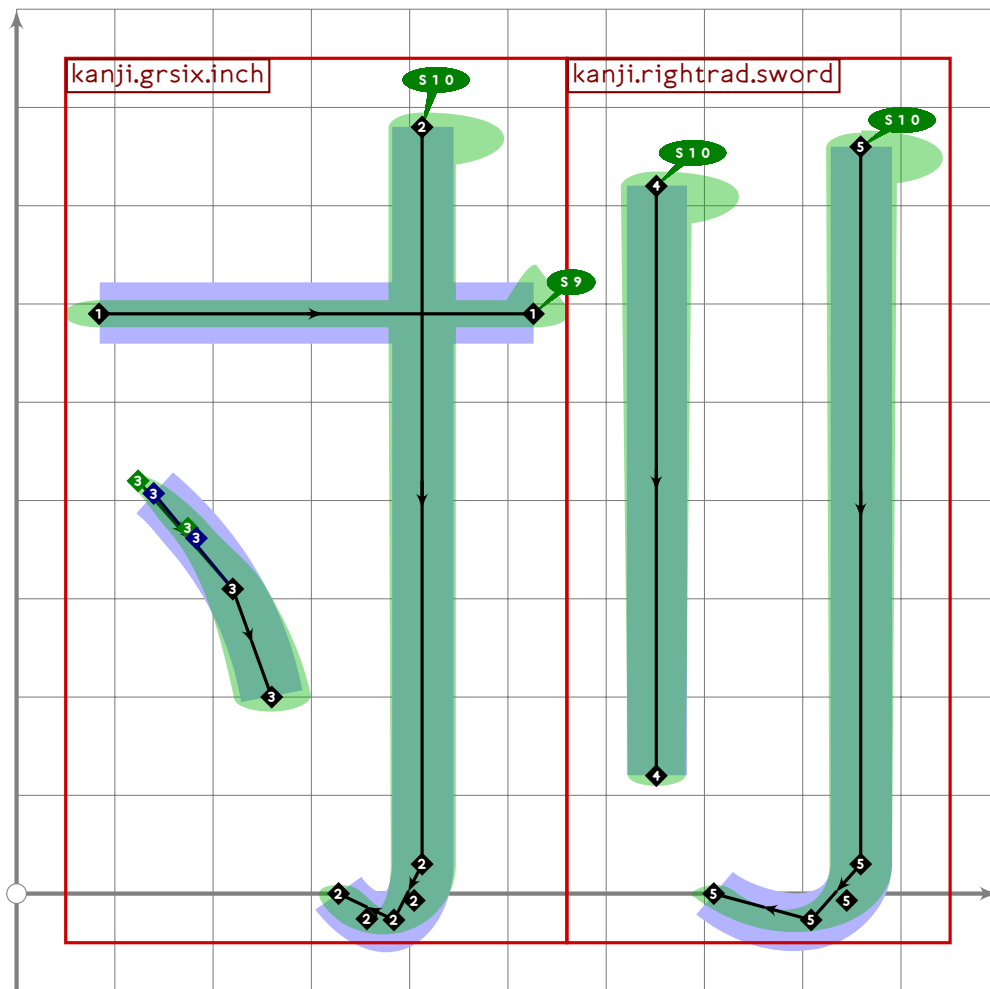
```

[see page 524]

[see page 1897]

[see page 1911]

[see page 1910]

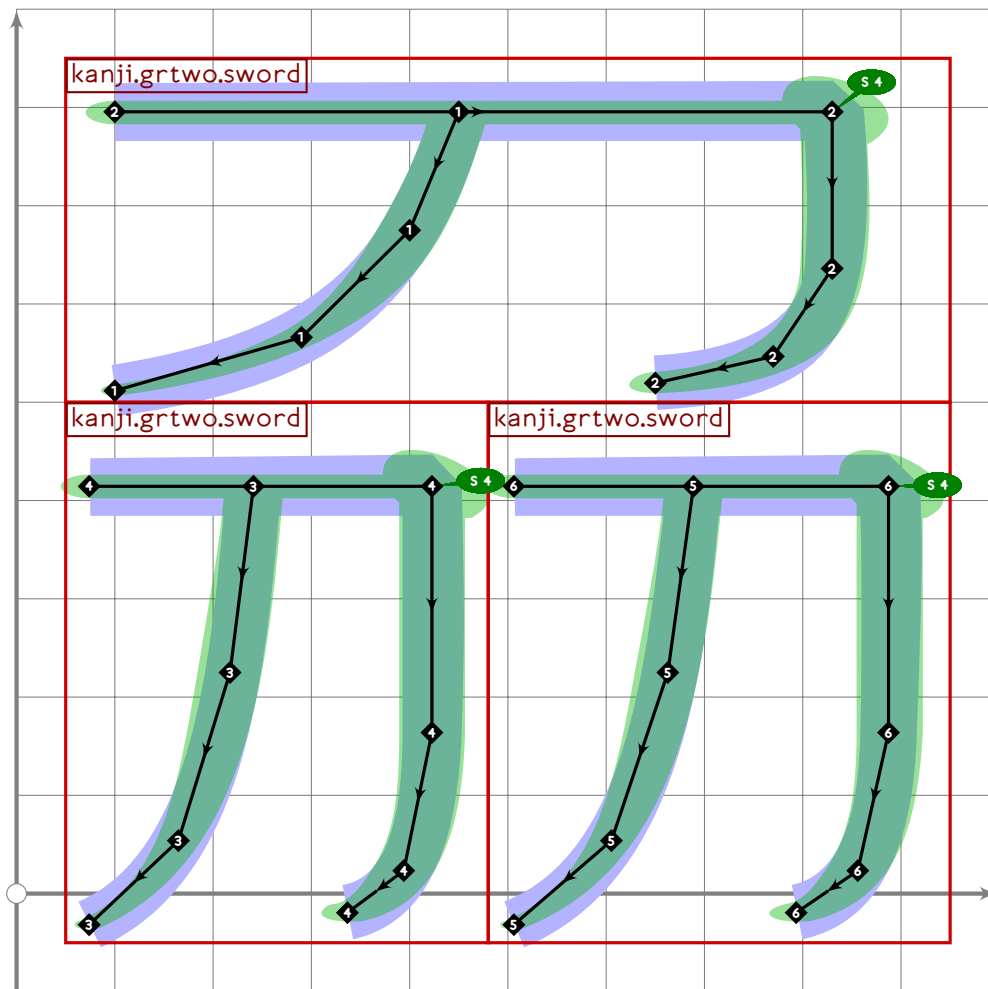


```

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

```

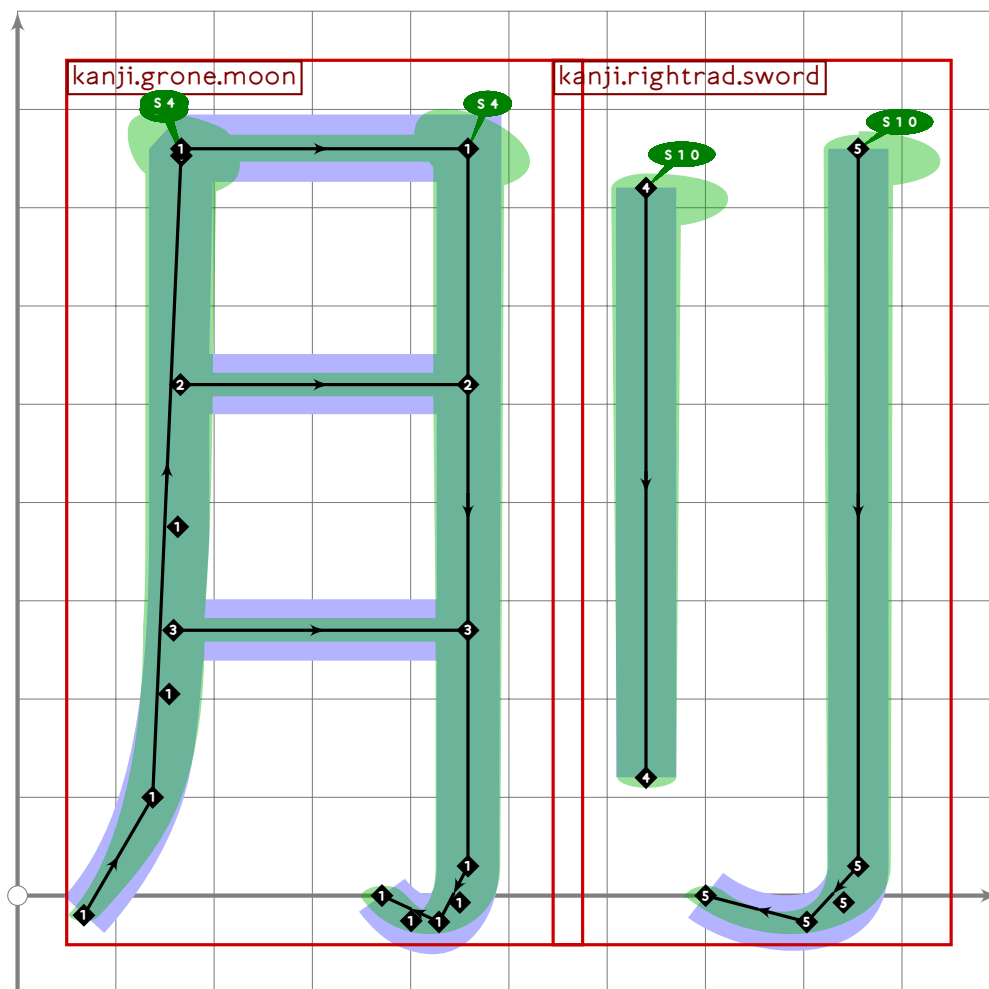
[see page 767]



```

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

```

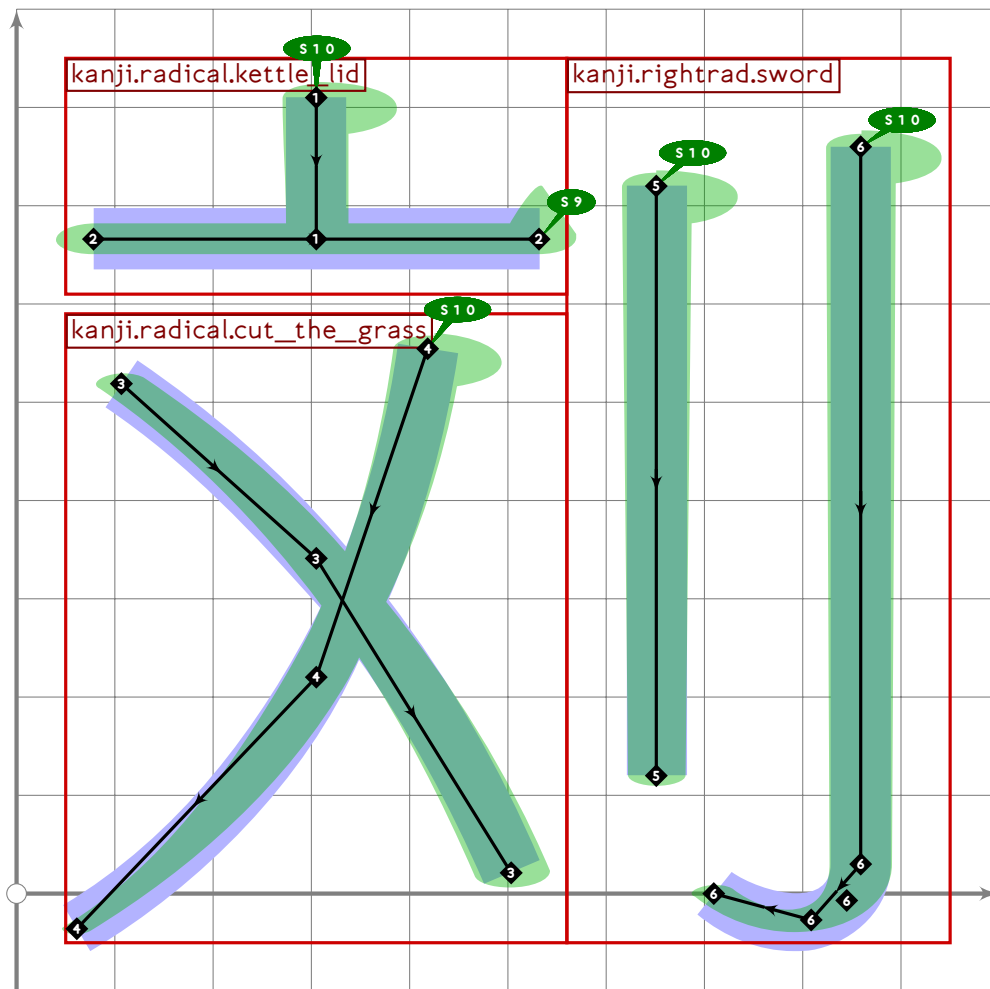


```

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

```

[see page 567]



```

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

```

[see page 1904]

[see page 1909]

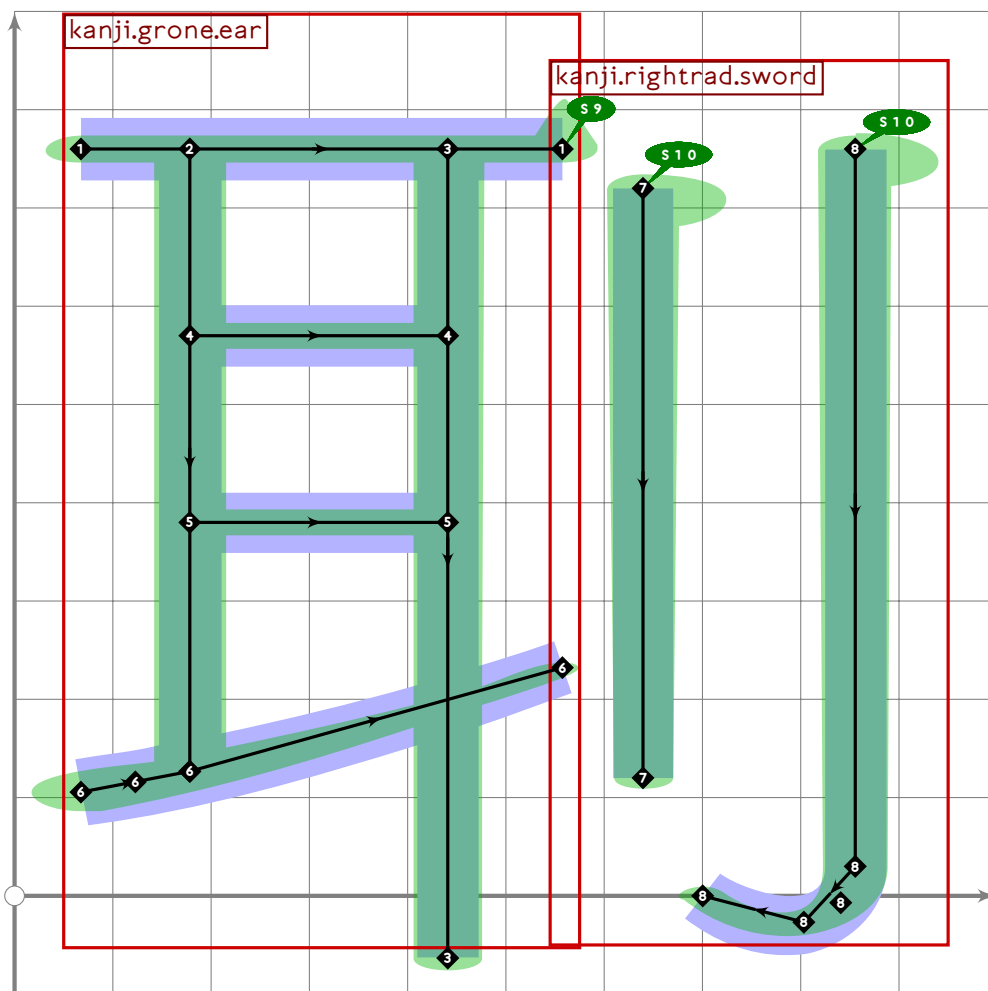
U+5235
tsuku.uni5235

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

[see page 1903]

[see page 602]

52

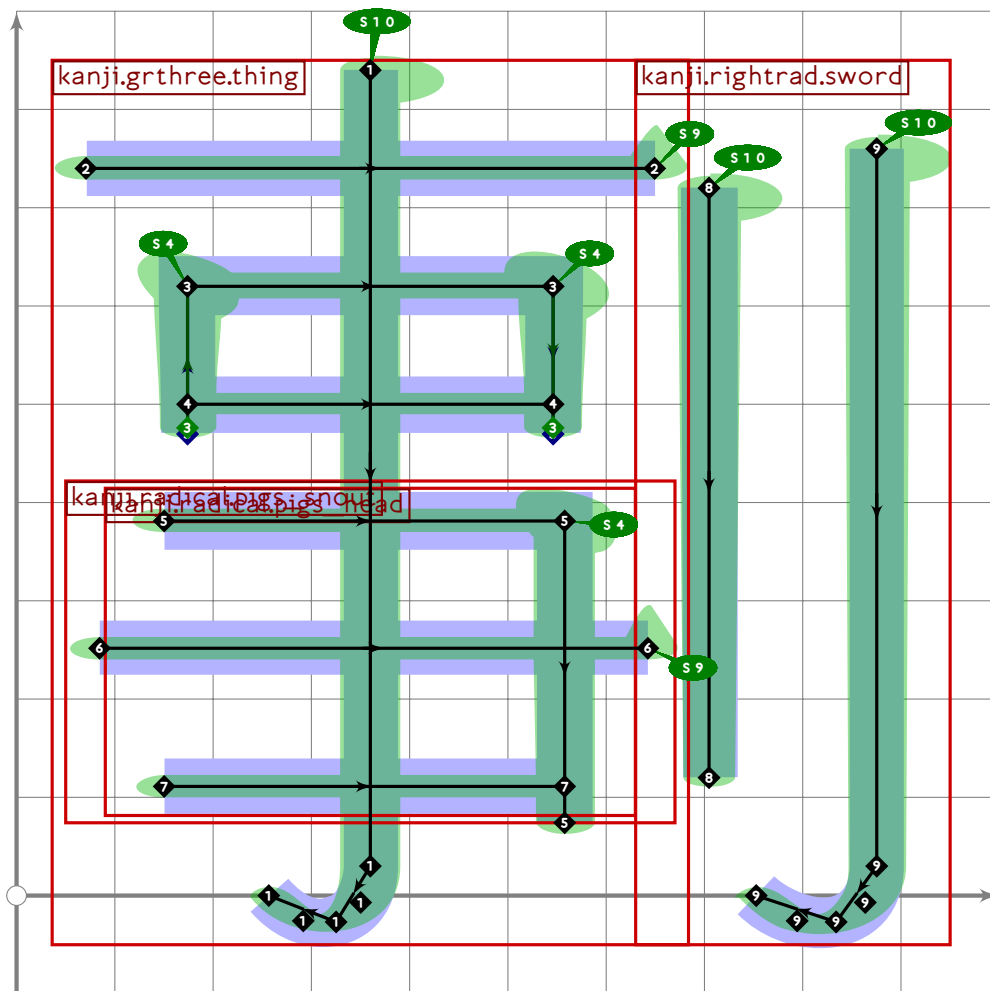


```
394 % extra: punishment by cutting off the ears
395 begintsuglyph("uni5235";53);
396 build_kanji.level(build_kanji.lr(560,30)
397   (tsu_xform(identity yscaled (760/720))(kanji.grone.ear))
398   (kanji.rightrad.sword));
399 tsu_render;
400 endtsuglyph;
401
```

402 % satsu/su "print"	
403 begintsuglyph("uni5237";55);	[see page 1907]
404 kanji.grfour.print;	
405 tsu_render;	
406 endtsuglyph;	
407	
408 % satsu "temple/central pillar of pagoda"	
409 begintsuglyph("uni5239";57);	[see page 1912]
410 kanji.greight.temple;	
411 tsu_render;	
412 endtsuglyph;	
413	
414 % soku/notto "conform"	
415 begintsuglyph("uni5247";71);	[see page 639]
416 kanji.grfive.conform;	
417 tsu_render;	
418 endtsuglyph;	
419	
420 % saku/kezu "whittle, sharpen, plane"	
421 begintsuglyph("uni524A";74);	[see page 1913]
422 kanji.greight.whittle;	
423 tsu_render;	
424 endtsuglyph;	
425	
426 % zen/mae "before"	
427 begintsuglyph("uni524D";77);	[see page 1896]
428 kanji.grtwo.before;	
429 tsu_render;	
430 endtsuglyph;	
431	

U+525A
tsuku.uni525A

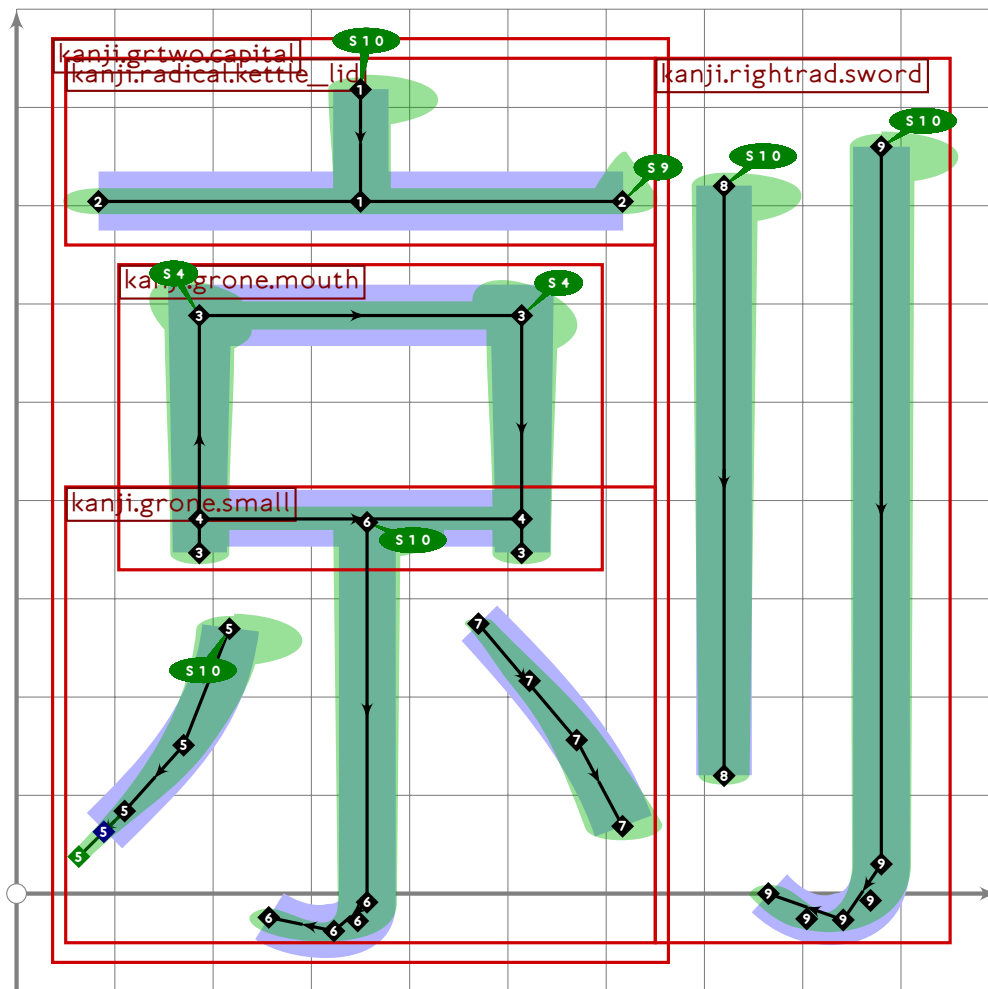
52



```

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

```

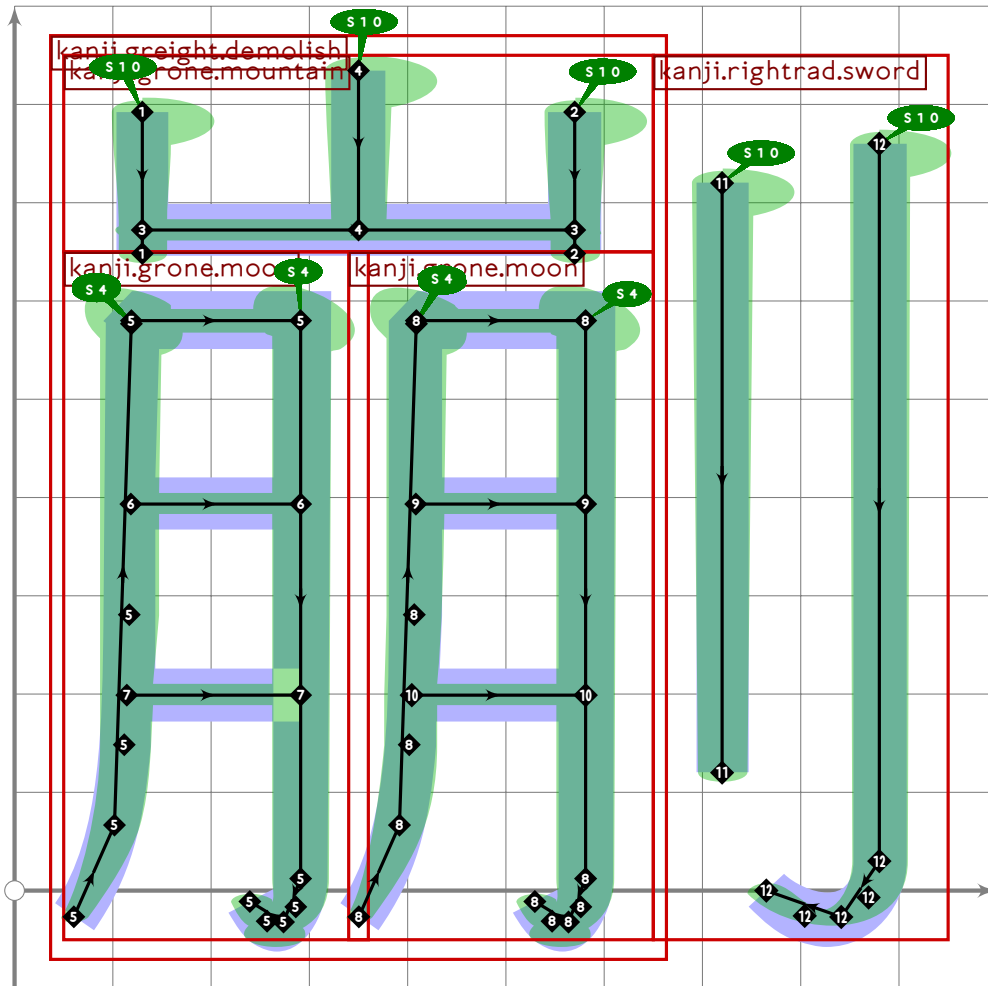


```

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

```

[see page 1901]



```

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

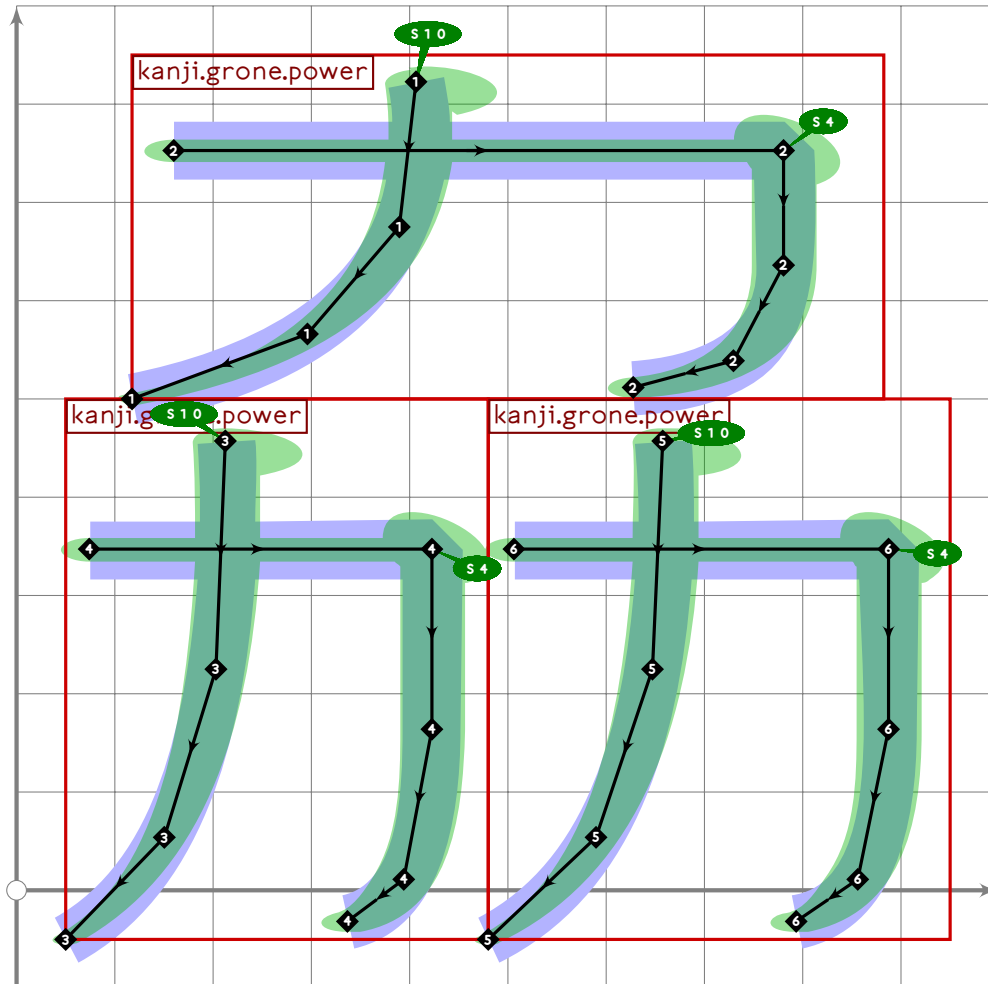
```

[see page 458]

[see page 1906]

[see page 601]

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



52

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

[see page 1899]

496 begintsuglyph("uni52AA";170); [see page 1908]
 497 kanji.grfour.toil;
 498 tsu_render;
 499 endtsuglyph;
 500
 501 % rou/ita "labour"
 502 begintsuglyph("uni52B4";180); [see page 1905]
 503 kanji.grfour.labour;
 504 tsu_render;
 505 endtsuglyph;
 506
 507 % yuu/isa "courage"
 508 begintsuglyph("uni52C7";199); [see page 1902]
 509 kanji.grfour.courage;
 510 tsu_render;
 511 endtsuglyph;
 512
 513 % ben/tsuto "exertion"
 514 begintsuglyph("uni52C9";201); [see page 1898]
 515 kanji.grthree.exertion;
 516 tsu_render;
 517 endtsuglyph;
 518
 519 % dou/ugo "motion"
 520 begintsuglyph("uni52D5";213); [see page 586]
 521 kanji.grthree.motion;
 522 tsu_render;
 523 endtsuglyph;
 524
 525 % shou/ka "victory"
 526 begintsuglyph("uni52DD";221); [see page 1900]
 527 kanji.grthree.victory;
 528 tsu_render;
 529 endtsuglyph;
 530
 531 % hou/tsutsu "wrapping radical"
 532 begintsuglyph("uni52F9";249); [see page 721]
 533 kanji.radical.wrapping;
 534 tsu_render;
 535 endtsuglyph;
 536
 537 % shaku "ladle" (also a unit of measure)
 538 begintsuglyph("uni52FA";250); [see page 790]
 539 kanji.grnine.ladle;
 540 tsu_render;
 541 endtsuglyph;
 542
 543 % mochi/naka "not", esp. "must not"


```
544 begintsuglyph("uni52FF";255); [see page 792]
545   kanji.grnine.must_not;
546   tsu_render;
547 endtsuglyph;
548
549 _____
550
551 endfont;
552
553 _____
```

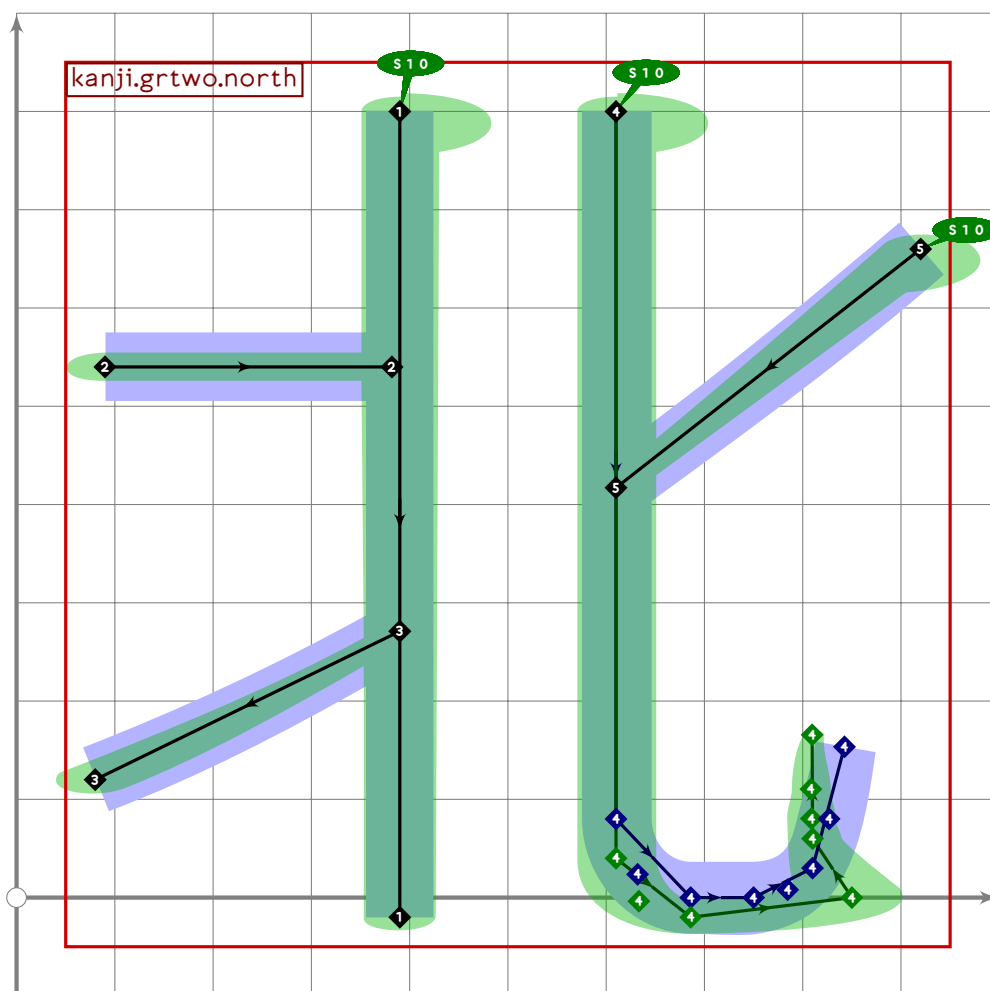
```
1 %
2 % Unicode page 53 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

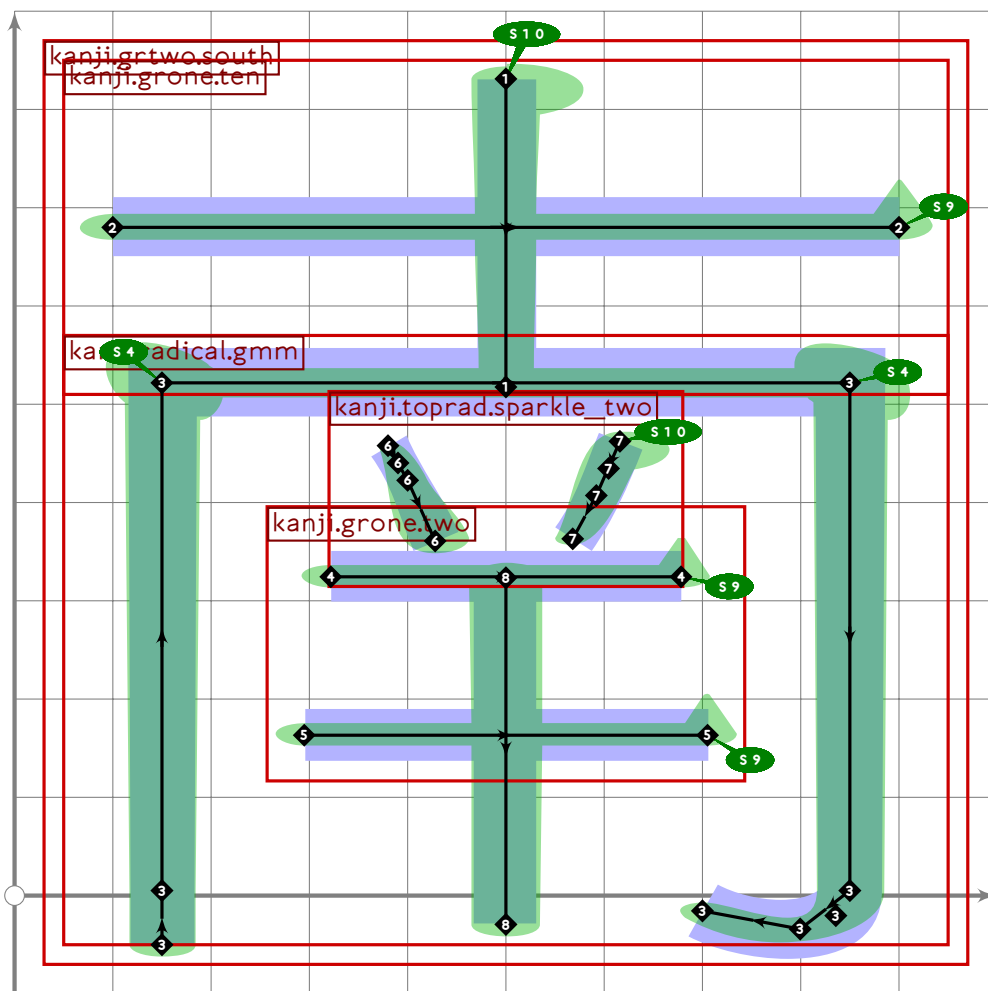

```



```

55
56 vardef kanji.grtwo.north =
57   push_pbox_toexpand("kanji.grtwo.north");
58   push_stroke((390,800)-(390,-20),(1.6,1.6)-(1.5,1.5));
59   set_boserif(0,0,10);
60   push_stroke((90,540)-(382,540),(1.6,1.6)-(1.6,1.6));
61   push_stroke((920,660)..tension 1.2..(500,340)..(80,120),
62     (1,1,1)-(1.6,1.6));
63   push_stroke((610,800),(1.6,1.6));
64   build_kanji.add_tail(0);
65   set_boserif(0,0,10);
66   push_stroke(subpath
67     (0,xpart (get_stroke(-1) intersectiontimes get_stroke(0)))
68     of get_stroke(-1),
69     (1.6,1.6)-(1.1,1.1));
70   set_boserif(0,0,10);
71   replace_stroke(-2)(subpath
72     (xpart (oldp intersectiontimes get_stroke(-4)),infinity)
73     of oldp);
74   expand_pbox;
75 enddef;

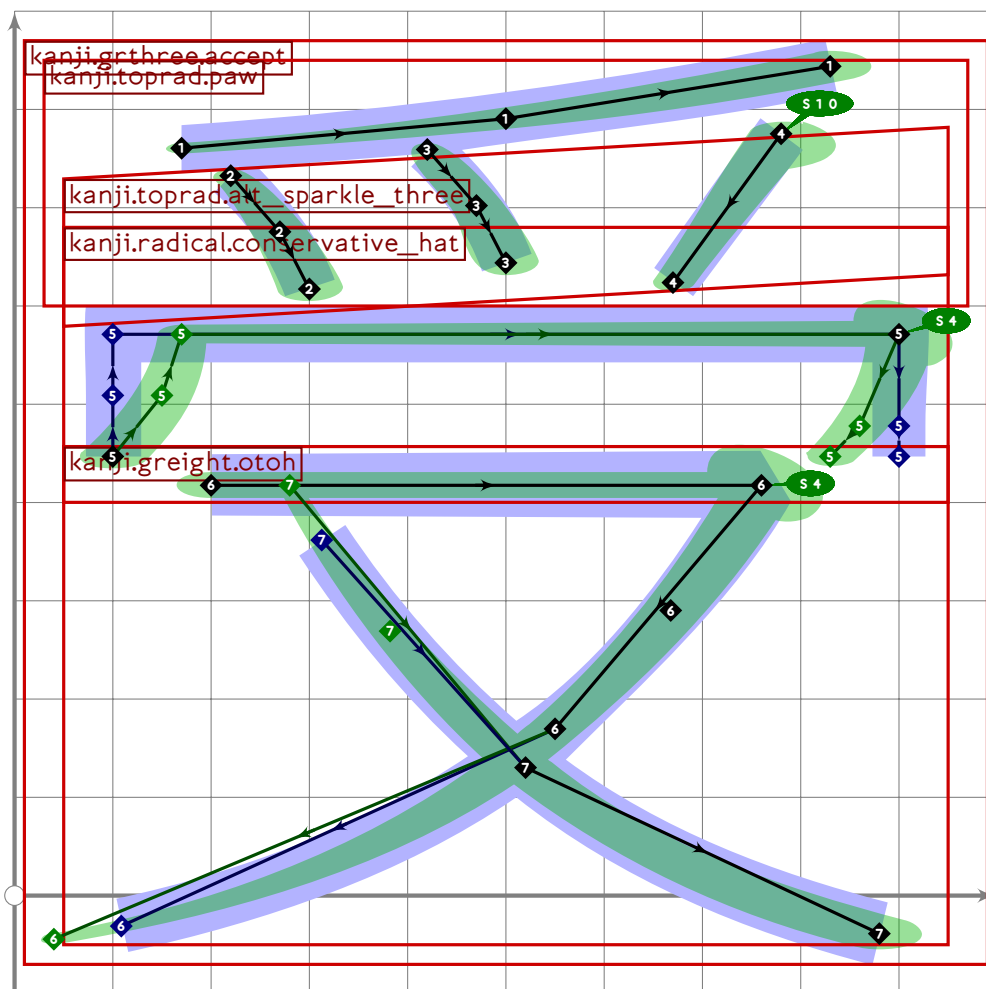
```



```

76
77 vardef kanji.grtwo.south =
78   push_pbox__toexpand("kanji.grtwo.south");
79   build_kanji.tb(540,60)
80     (kanji.grone.ten)
81     (kanji.radical.gmm;
82       build_kanji.sscale(xyscaled (0.54,0.45))(kanji.grone.two);
83       build_kanji.sscale(xyscaled (0.4,0.32) shifted (0,230))
84       (kanji.toprad.sparkle_two);
85       push_stroke((500,492)-(500,20),(1.6,1.6)-(1.5,1.5));
86     );
87   expand_pbox;
88 enddef;
89
90

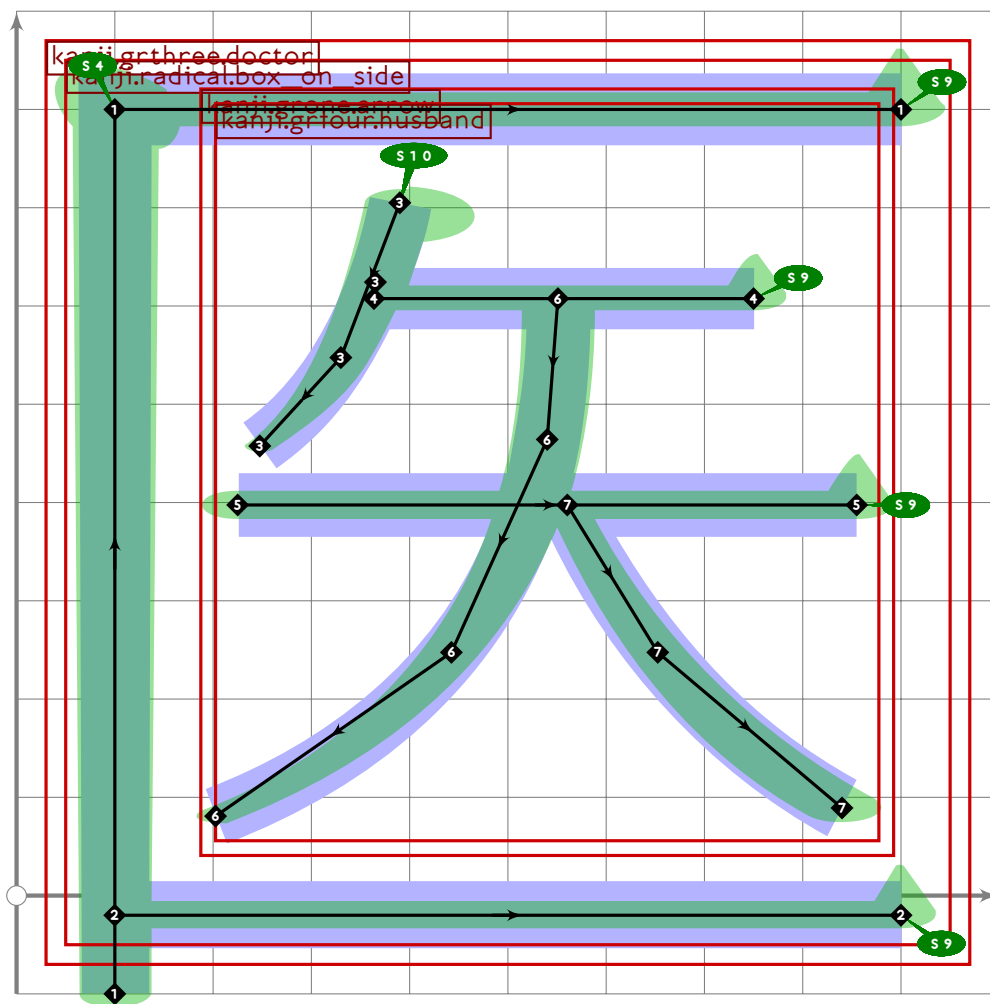
```



```

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

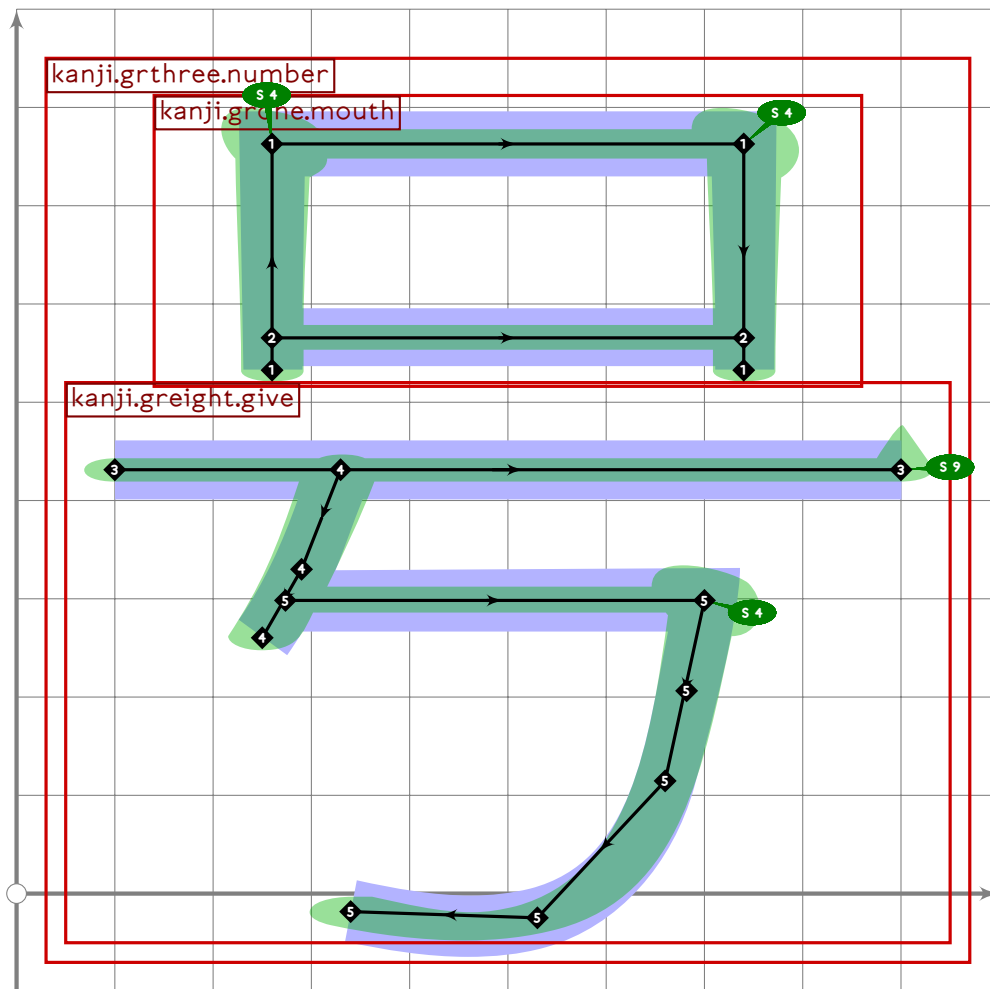
```



```

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

```



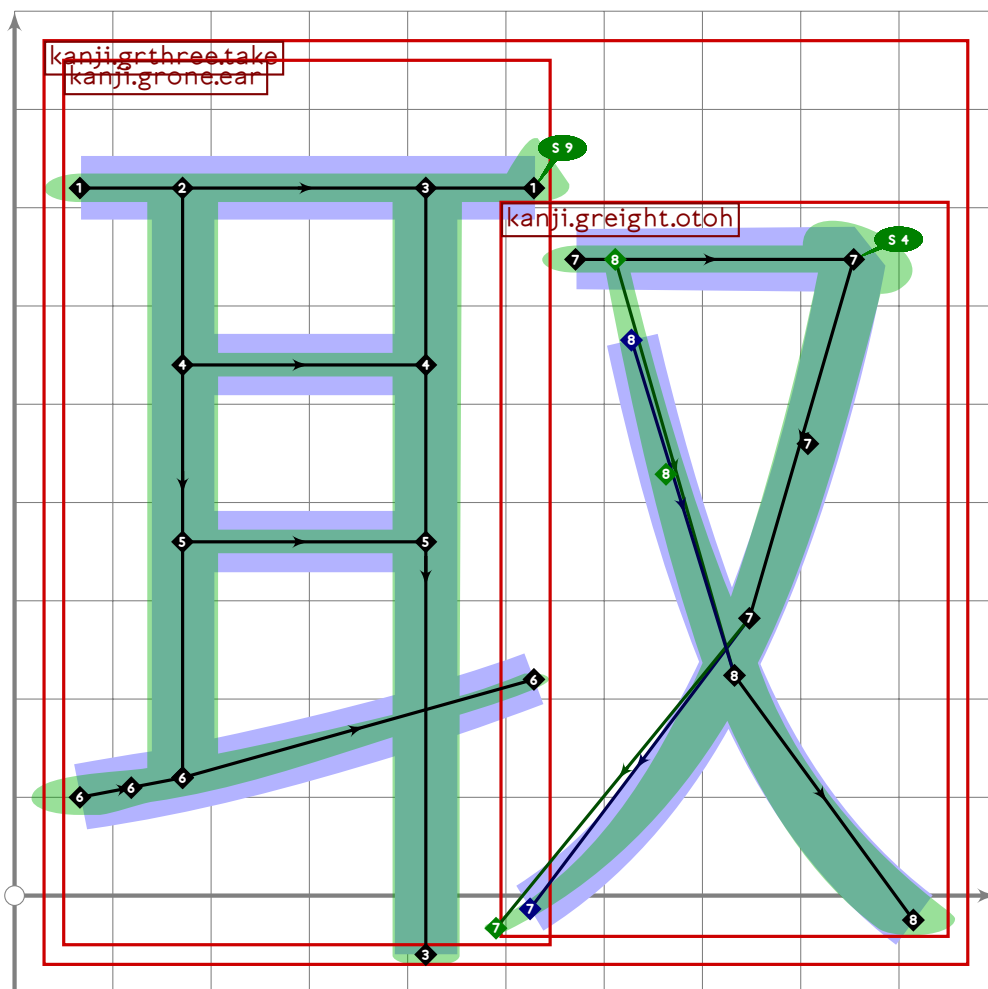
```

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

```

U+53D6
tsuku.uni53D6

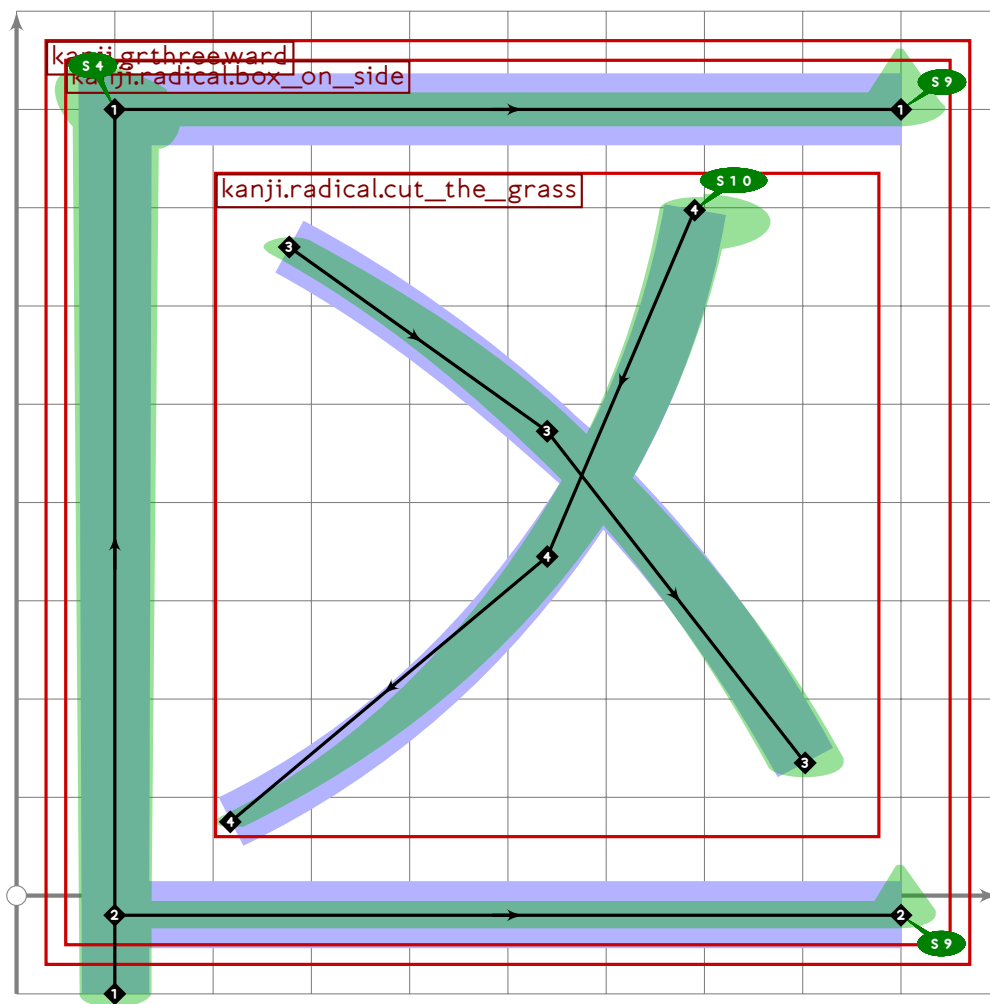
53



```

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

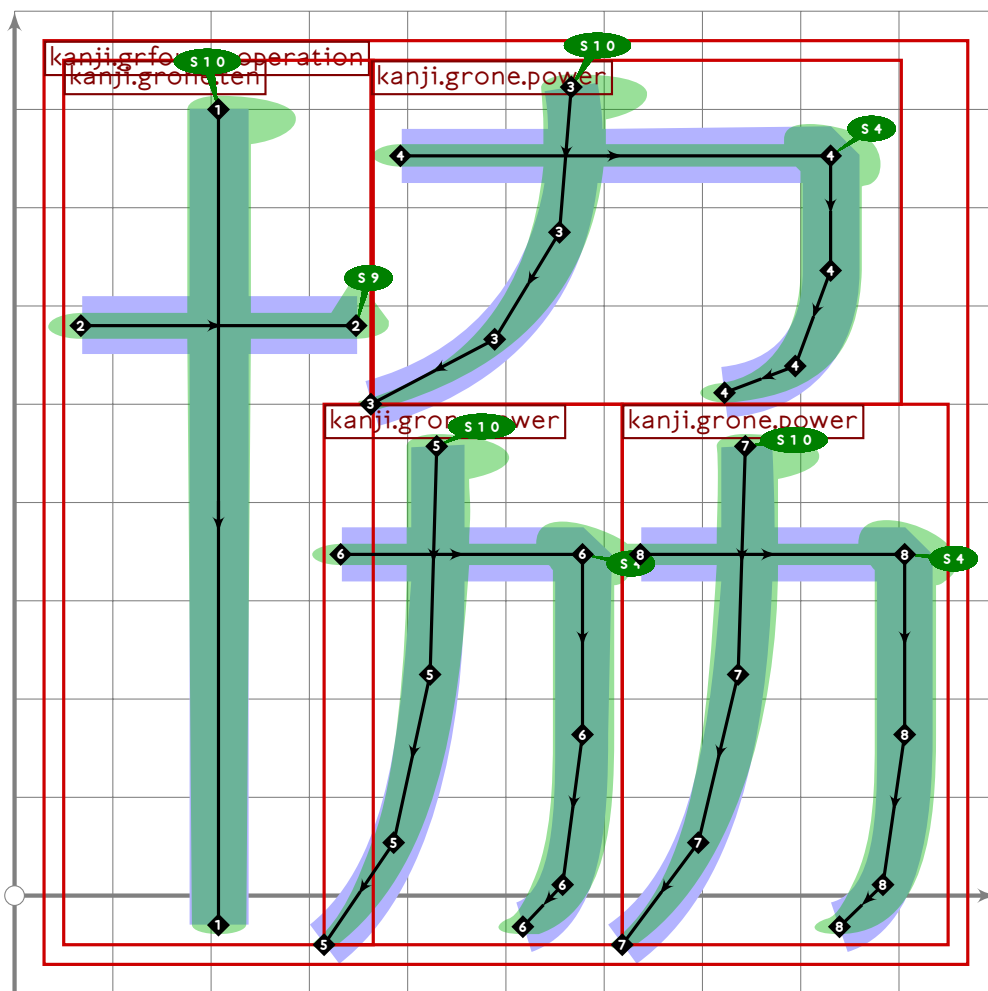
```

```

129
130 vardef kanji.grthree.ward =
131   push_pbox_toexpand("kanji.grthree.ward");
132   kanji.radical.box_on_side;
133   build_kanji.sscale(scaled 0.75 shifted (40,0))
134     (kanji.radical.cut_the_grass);
135   expand_pbox;
136 enddef;
137
138

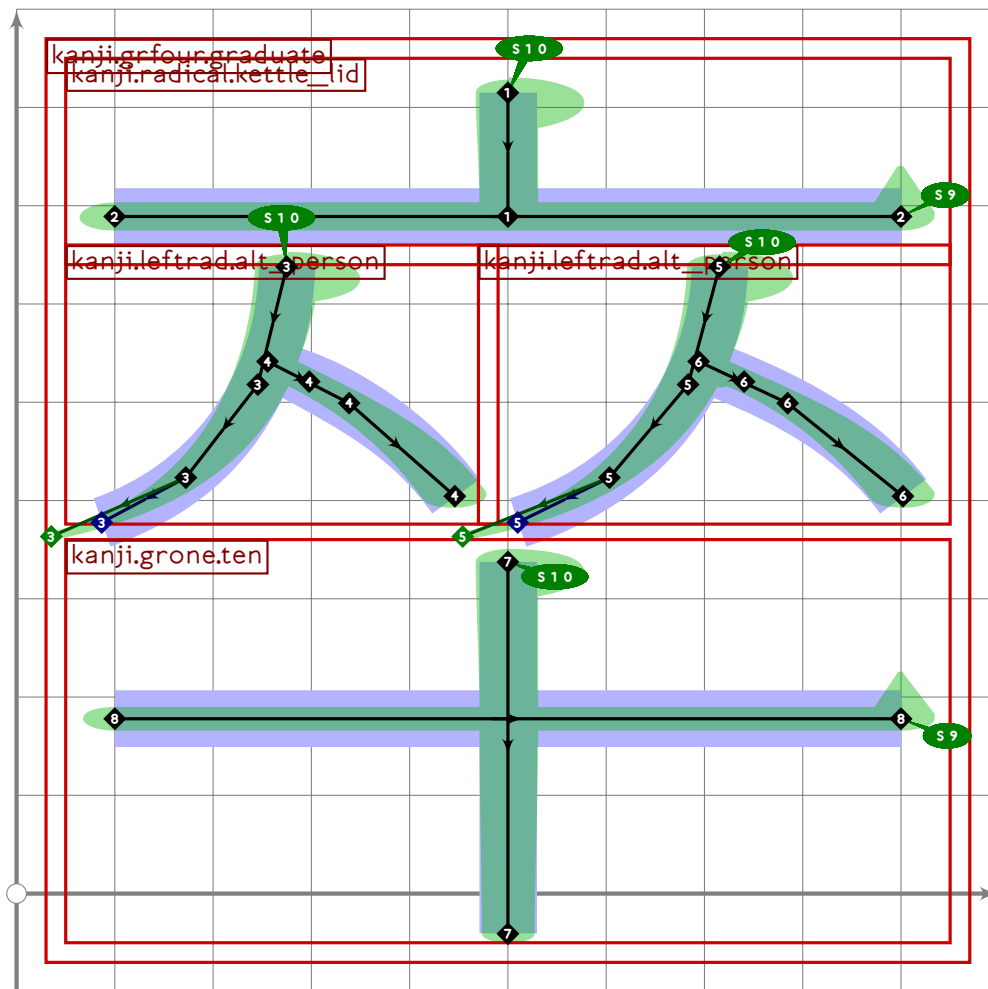
```



```

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

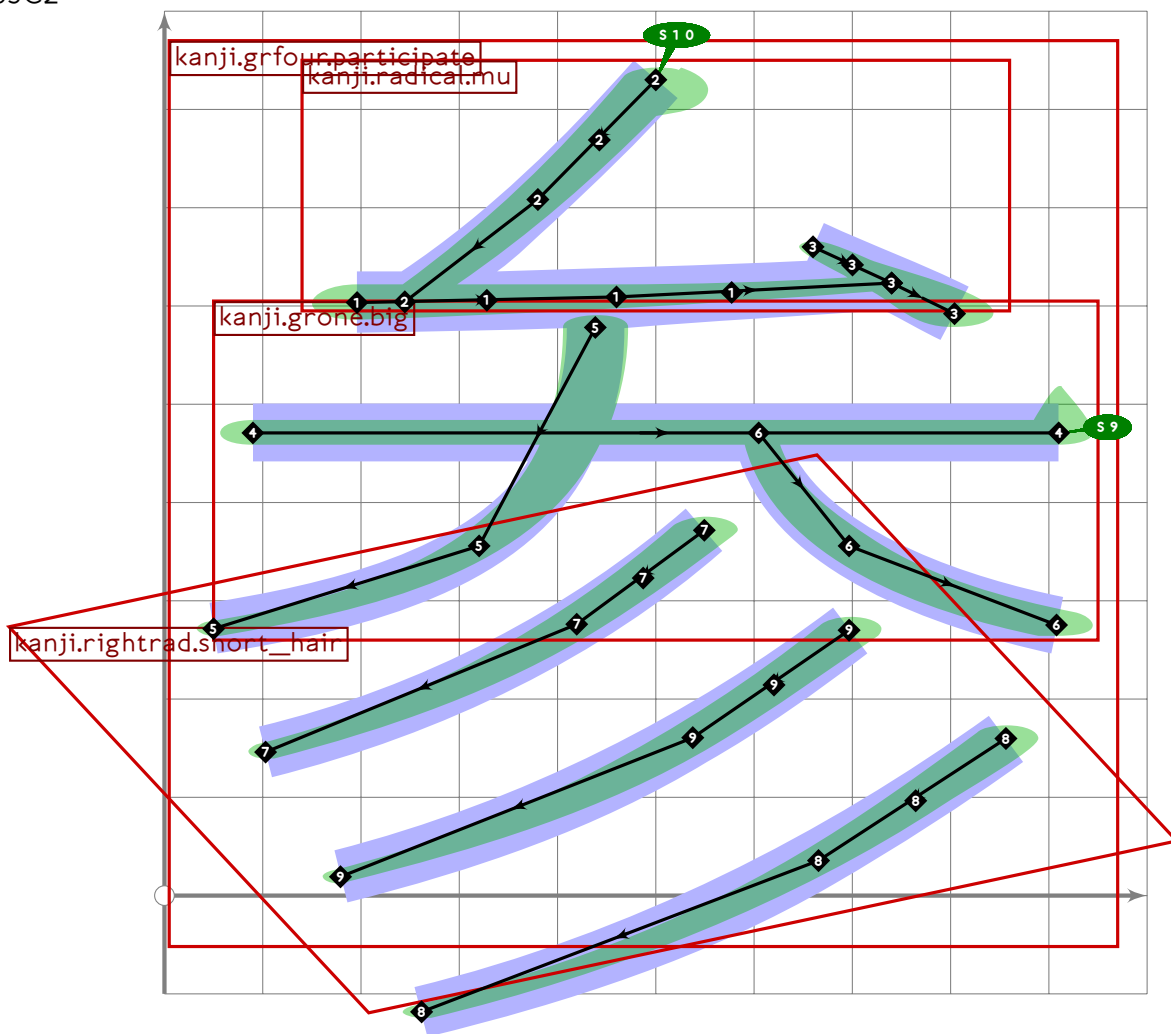
```



```

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

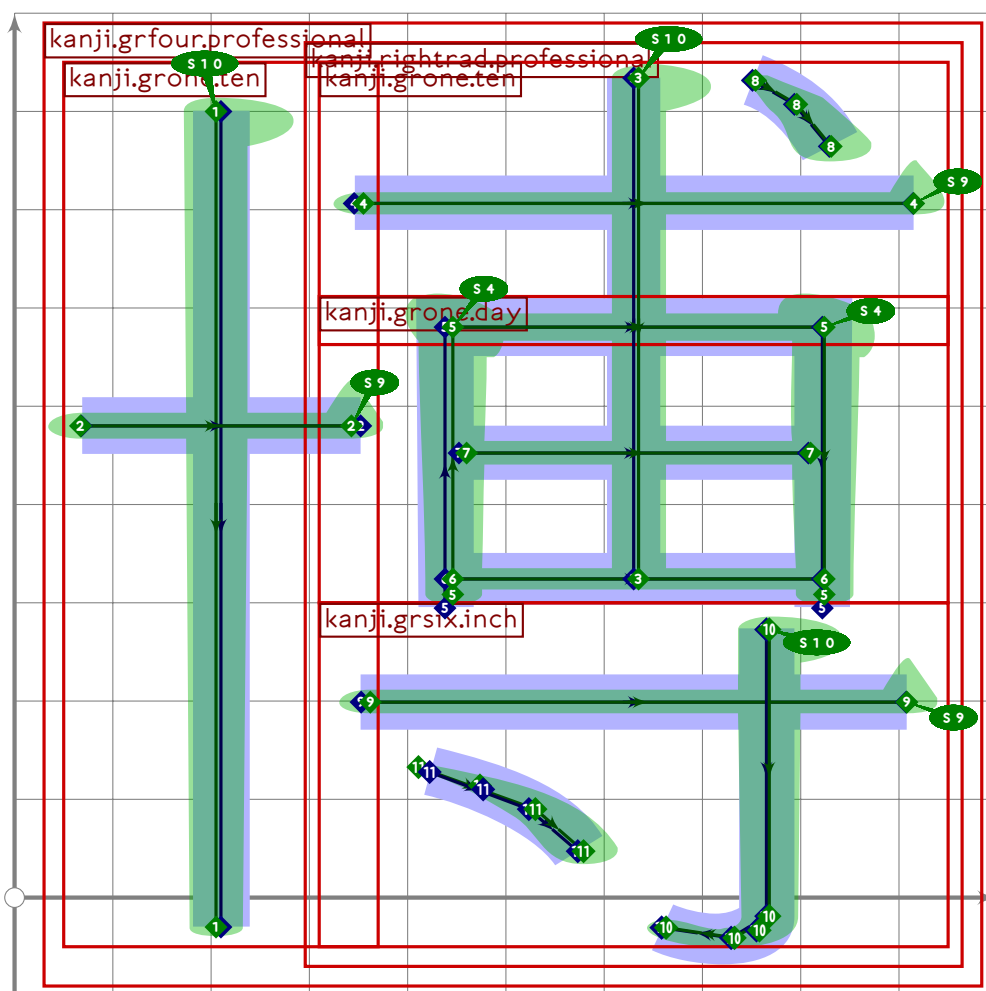
```



```

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

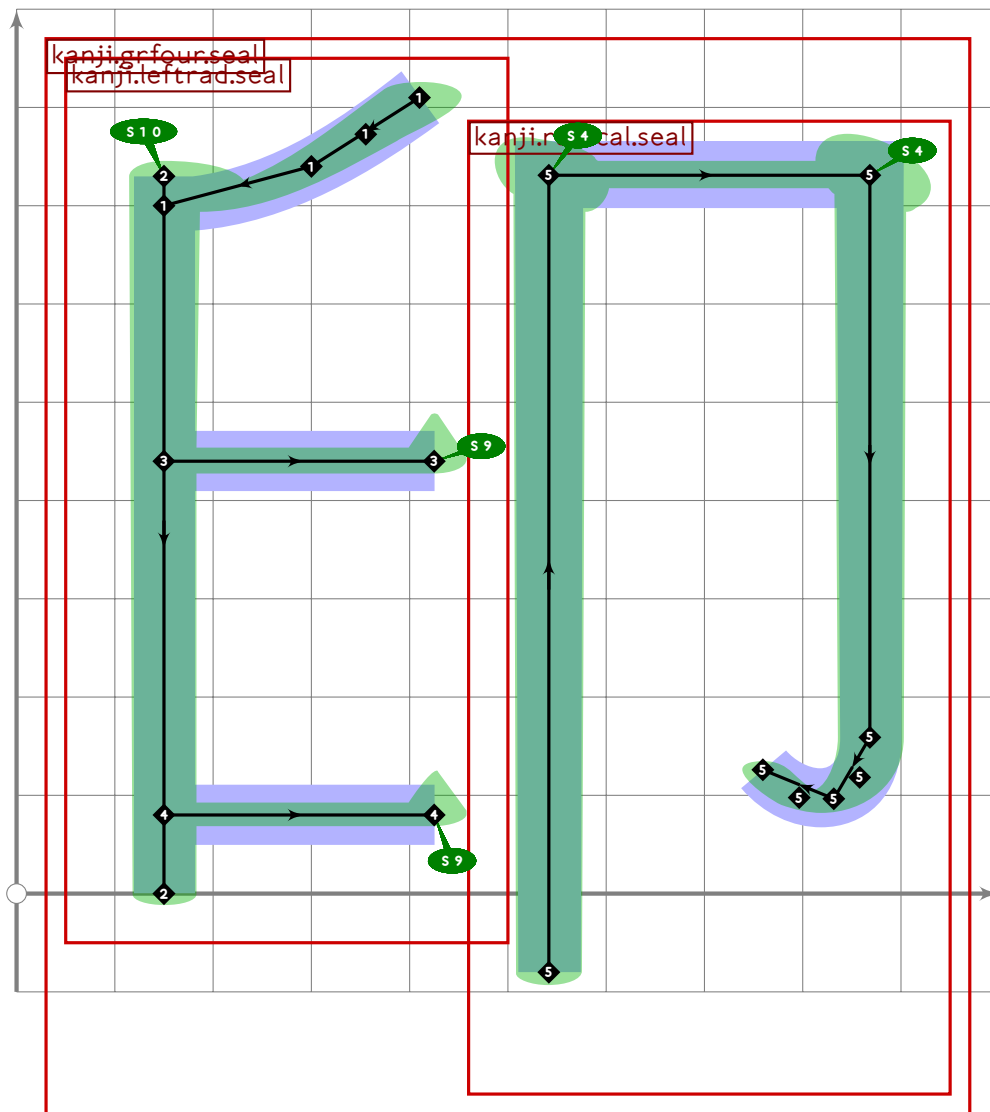
```



```

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

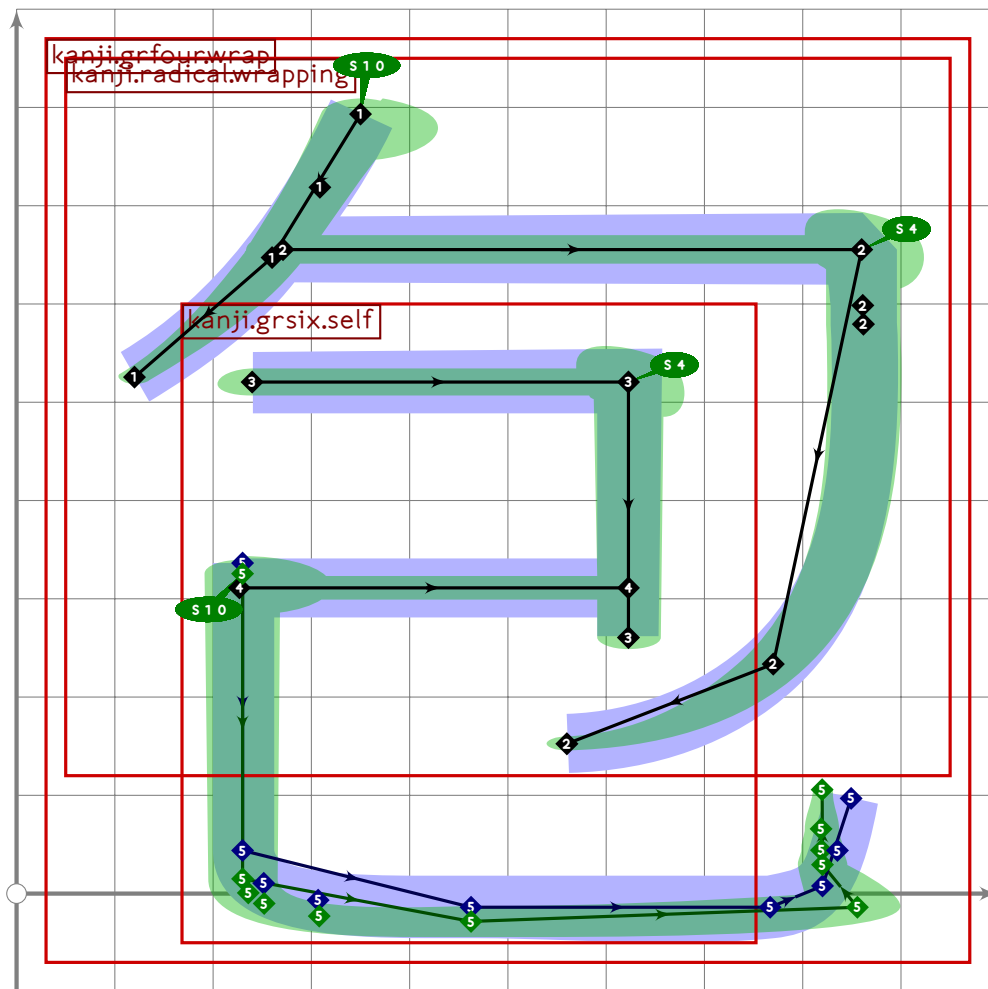
```



```

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

```



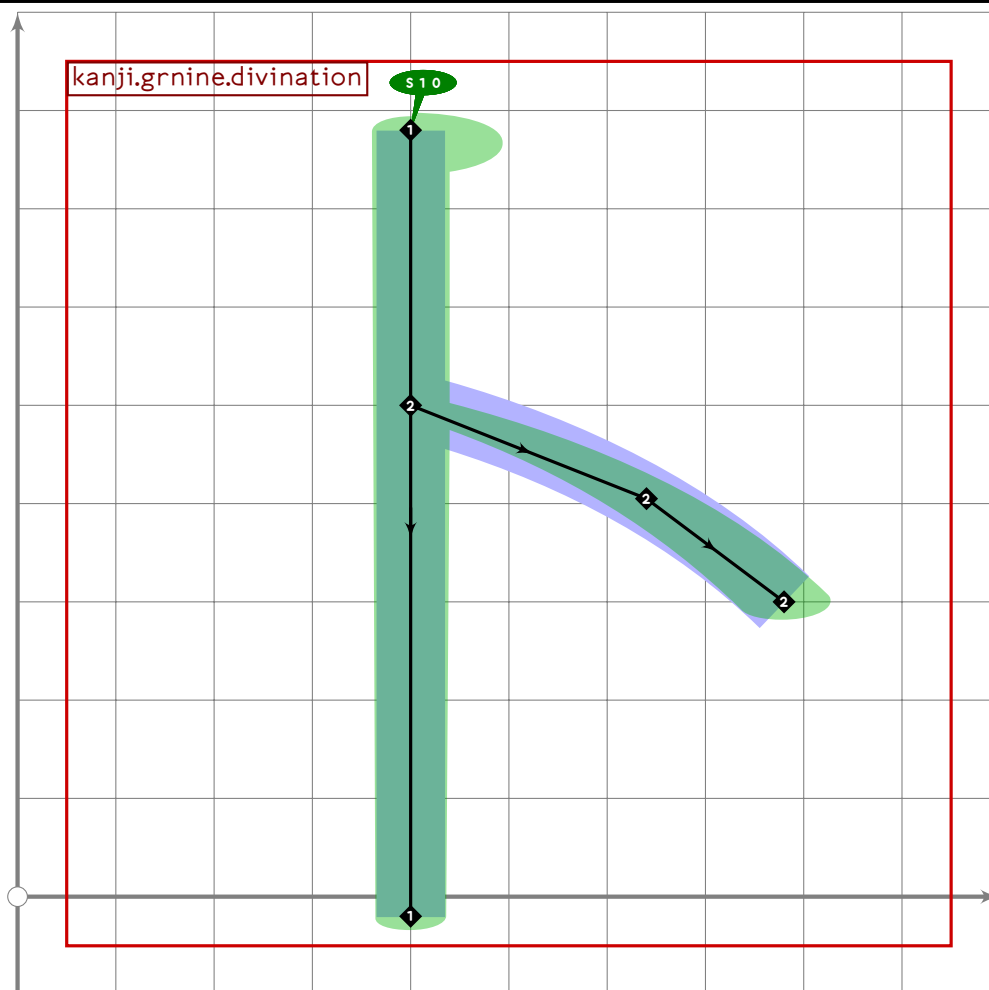
```

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

```

214

215



216

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

226

227

228

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

234

[see page 1941]

235 % by itself means "be flustered"
 236 begintsuglyph("uni5306",6); [see page 692]
 237 kanji.radical.crossed_must_not;
 238 tsu_render;
 239 endtsuglyph;
 240
 241 % hi/saji "spoon"
 242 begintsuglyph("uni5315",21); [see page 712]
 243 kanji.radical.spoon;
 244 tsu_render;
 245 endtsuglyph;
 246
 247 % ka/ba "change"
 248 begintsuglyph("uni5316",22); [see page 564]
 249 kanji.grthree.change;
 250 tsu_render;
 251 endtsuglyph;
 252
 253 % hoku/kita "north"
 254 begintsuglyph("uni5317",23); [see page 1929]
 255 kanji.grtwo.north;
 256 tsu_render;
 257 endtsuglyph;
 258
 259 % hou/hakogamae "box on side radical"
 260 begintsuglyph("uni531A",26); [see page 689]
 261 kanji.radical.box_on_side;
 262 tsu_render;
 263 endtsuglyph;
 264
 265 % kyou/suku "deliverance"
 266 begintsuglyph("uni5321",33); [see page 787]
 267 kanji.grnine.deliverance;
 268 tsu_render;
 269 endtsuglyph;
 270
 271 % ku "ward" (as in postal addresses)
 272 begintsuglyph("uni533A",58); [see page 1935]
 273 kanji.grthree.ward;
 274 tsu_render;
 275 endtsuglyph;
 276
 277 % i "doctor"
 278 begintsuglyph("uni533B",59); [see page 1932]
 279 kanji.grthree.doctor;
 280 tsu_render;
 281 endtsuglyph;
 282

```

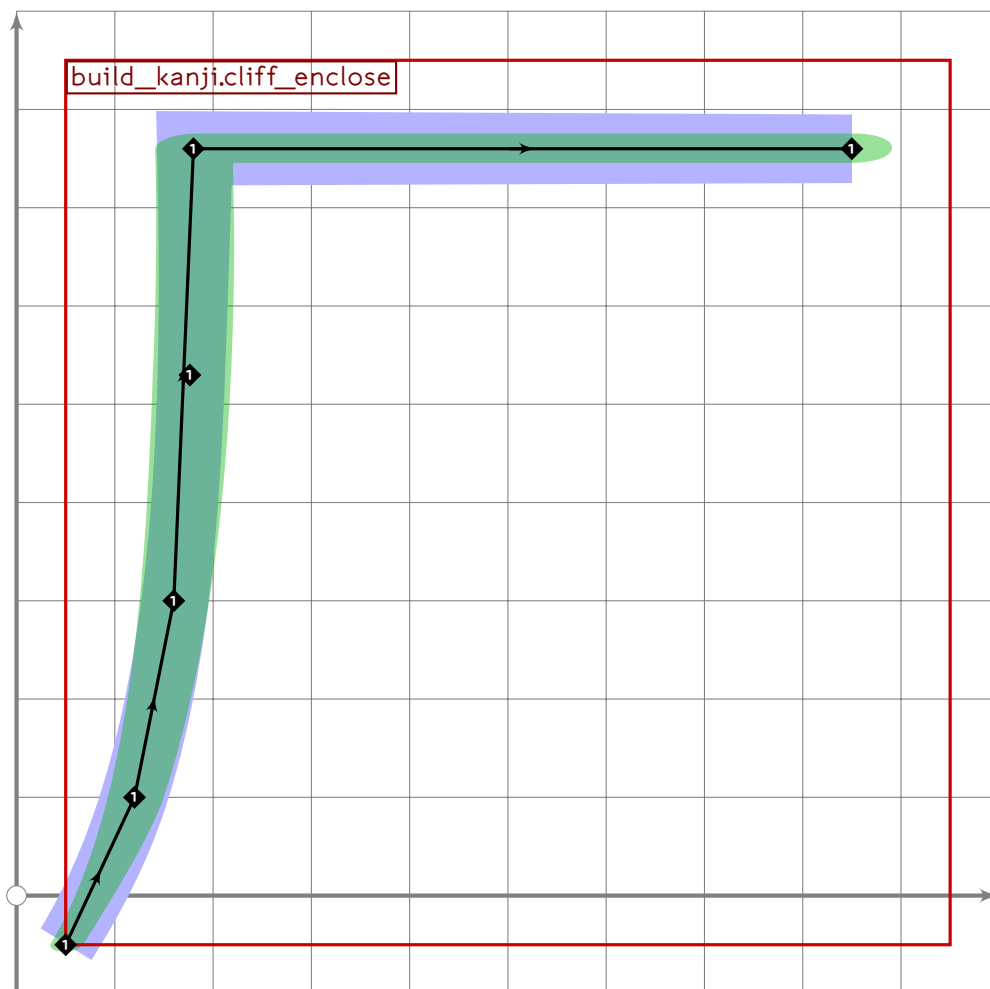
283 % juu/too "ten"
284 begintsuglyph("uni5341",65); [see page 472]
285   kanji.grone.ten;
286   tsu_render;
287 endtsuglyph;
288
289 % sen "one thousand"
290 begintsuglyph("uni5343",67); [see page 455]
291   kanji.grone.one_thousand;
292   tsu_render;
293 endtsuglyph;
294
295 % han/naka "half"
296 begintsuglyph("uni534A",74); [see page 502]
297   kanji.grtwo.half;
298   tsu_render;
299 endtsuglyph;
300
301 % go/uma "noon"
302 begintsuglyph("uni5348",72); [see page 531]
303   kanji.grtwo.noon;
304   tsu_render;
305 endtsuglyph;
306
307 % sotsu/so- "graduate"
308 begintsuglyph("uni5352",82); [see page 1937]
309   kanji.grfour.graduate;
310   tsu_render;
311 endtsuglyph;
312
313 % kyou "cooperation"
314 begintsuglyph("uni5354",84); [see page 1936]
315   kanji.grfour.cooperation;
316   tsu_render;
317 endtsuglyph;
318
319 % nan/minami "south"
320 begintsuglyph("uni5357",87); [see page 1930]
321   kanji.grtwo.south;
322   tsu_render;
323 endtsuglyph;
324
325 % tan/hitoe "single"
326 begintsuglyph("uni5358",88); [see page 634]
327   kanji.grfour.single;
328   tsu_render;
329 endtsuglyph;
330

```

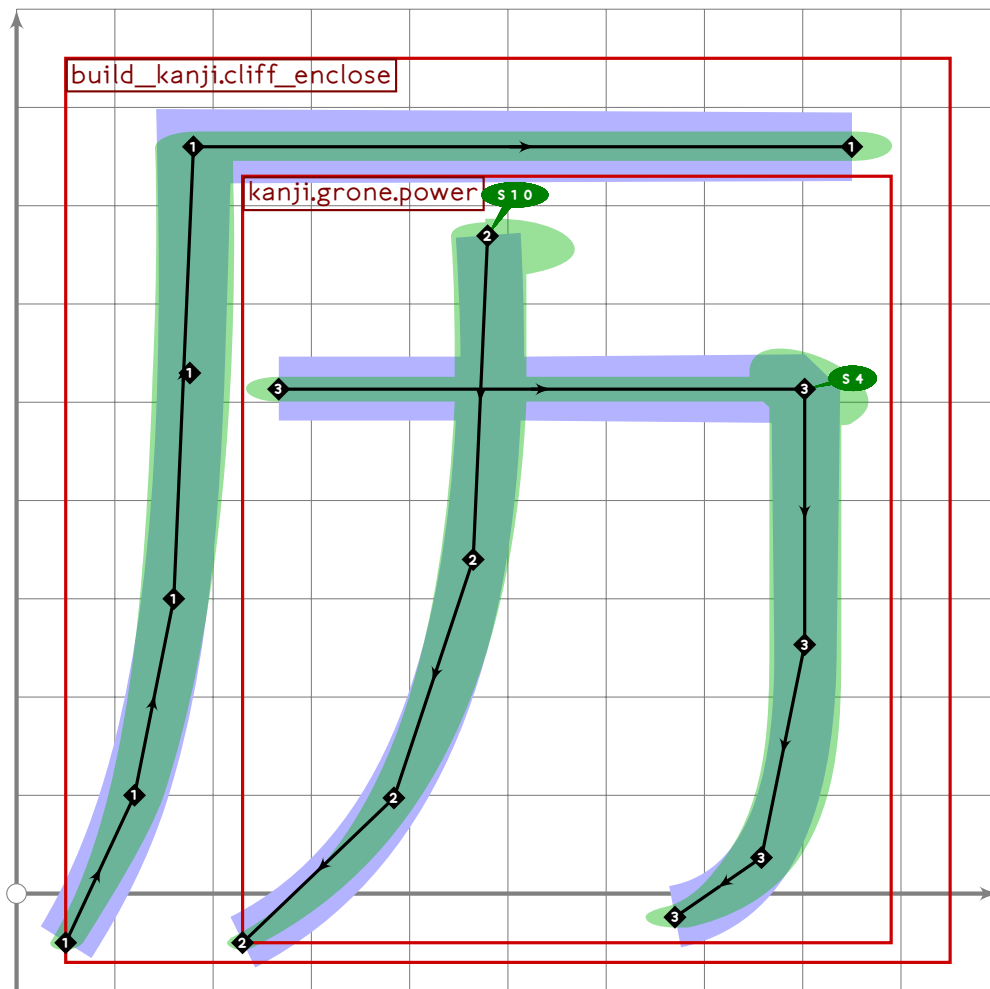
331 % haku "professional"	
332 begintsuglyph("uni535A";90);	[see page 1939]
333 kanji.grfour.professional;	
334 tsu_render;	
335 endtsuglyph;	
336	
337 % boku/urana "divination"	
338 begintsuglyph("uni535C";92);	[see page 1942]
339 kanji.grnine.divination;	
340 tsu_render;	
341 endtsuglyph;	
342	
343 % sen/urana "divination"	
344 begintsuglyph("uni5360";96);	[see page 745]
345 kanji.greight.divination;	
346 tsu_render;	
347 endtsuglyph;	
348	
349 % setsu/warifu "seal radical"	
350 begintsuglyph("uni5369";105);	[see page 710]
351 kanji.radical.seal;	
352 tsu_render;	
353 endtsuglyph;	
354	
355 % in/shiroshi "seal"	
356 begintsuglyph("uni5370";112);	[see page 1940]
357 kanji.grfour.seal;	
358 tsu_render;	
359 endtsuglyph;	
360	
361 % soku/tsu "instant"	
362 begintsuglyph("uni5373";115);	[see page 756]
363 kanji.greight.instant;	
364 tsu_render;	
365 endtsuglyph;	
366	

U+5382
tsuku.uni5382

53



```
367 % karigane "cliff radical"  
368 begintsuglyph("uni5382";130);  
369   build_kanji.cliff_enclose();  
370   tsu_render;  
371 endtsuglyph;  
372
```



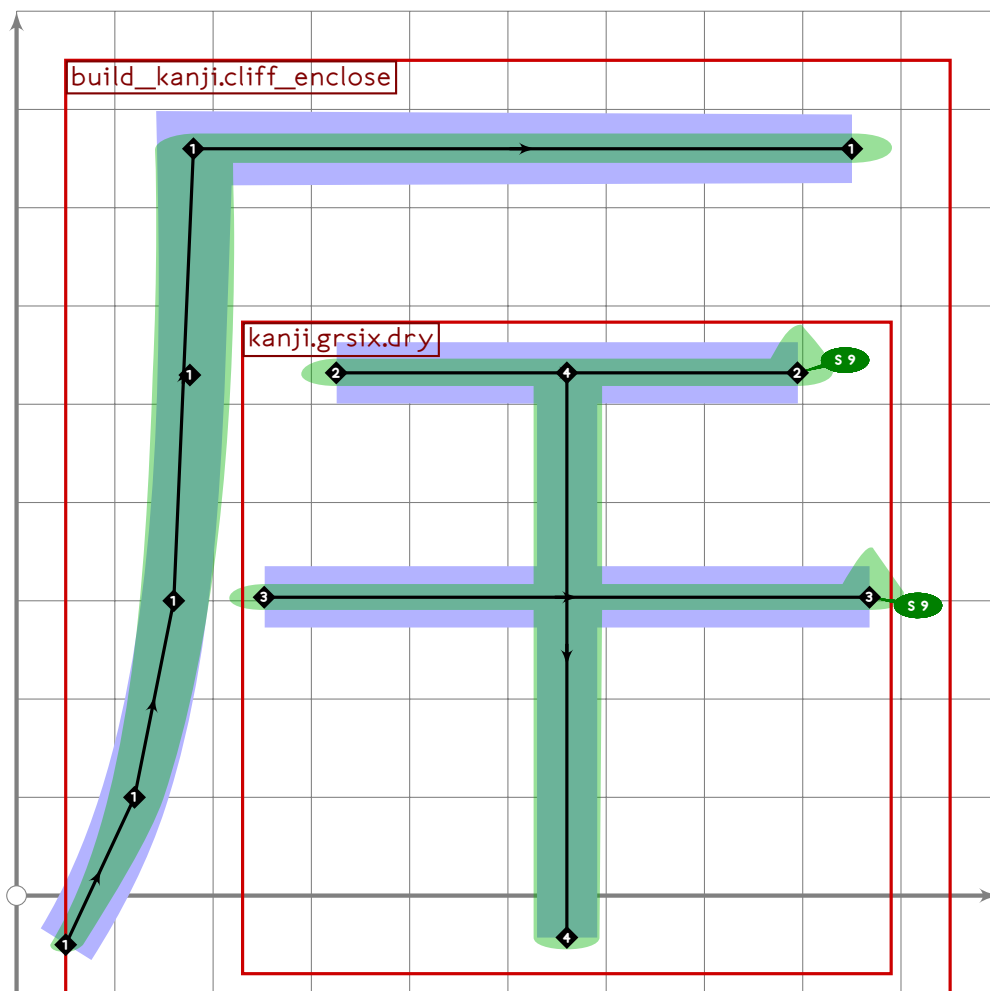
```

373 % extra
374 begintsuglyph("uni5386",134);
375   build_kanji.cliff_enclose(kanji.grone.power);
376   tsu_render;
377 endsuglyph;
378

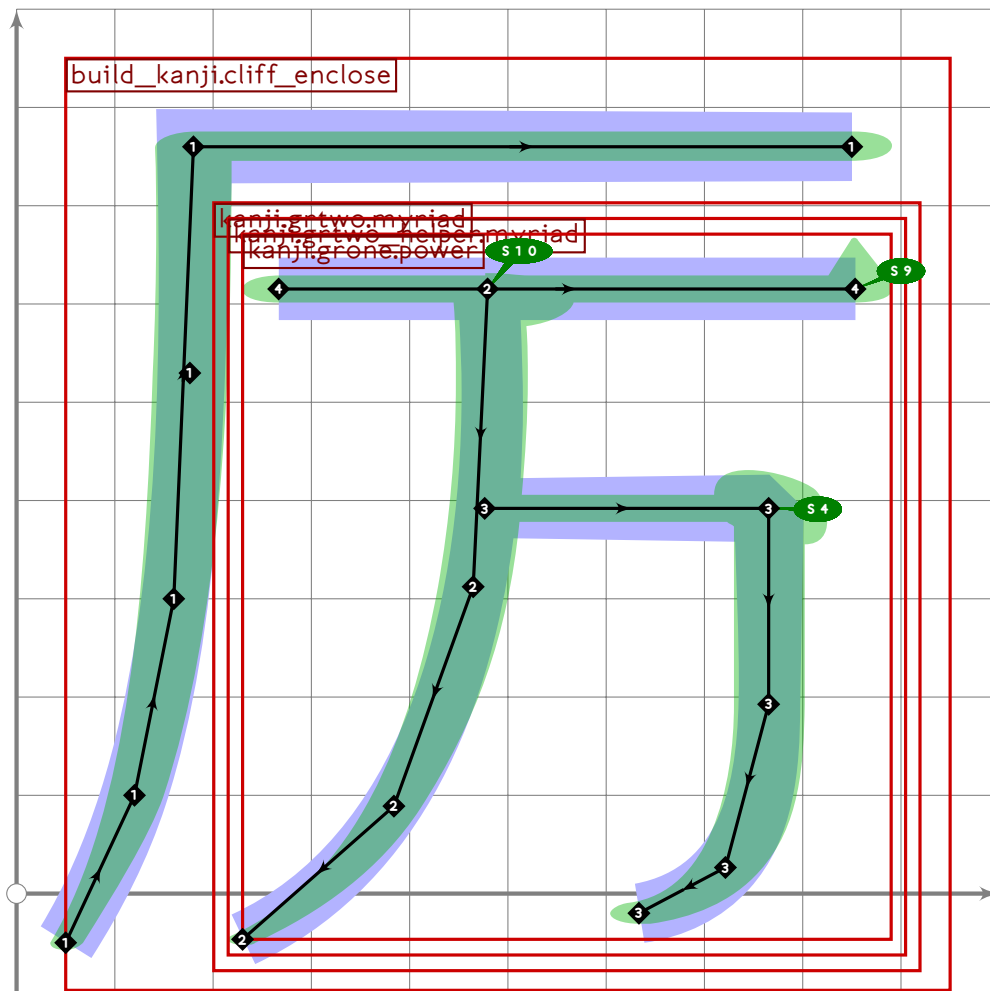
```

U+5388
tsuku.uni5388

53



```
379 % extra
380 begintsuglyph("uni5388",136);
381   build_kanji.cliff_enclose(build_kanji.sscale(yscaled 0.85 shifted (0,-100))
382     (kanji.grsix.dry));
383   tsu_render;
384 endtsuglyph;
385
```



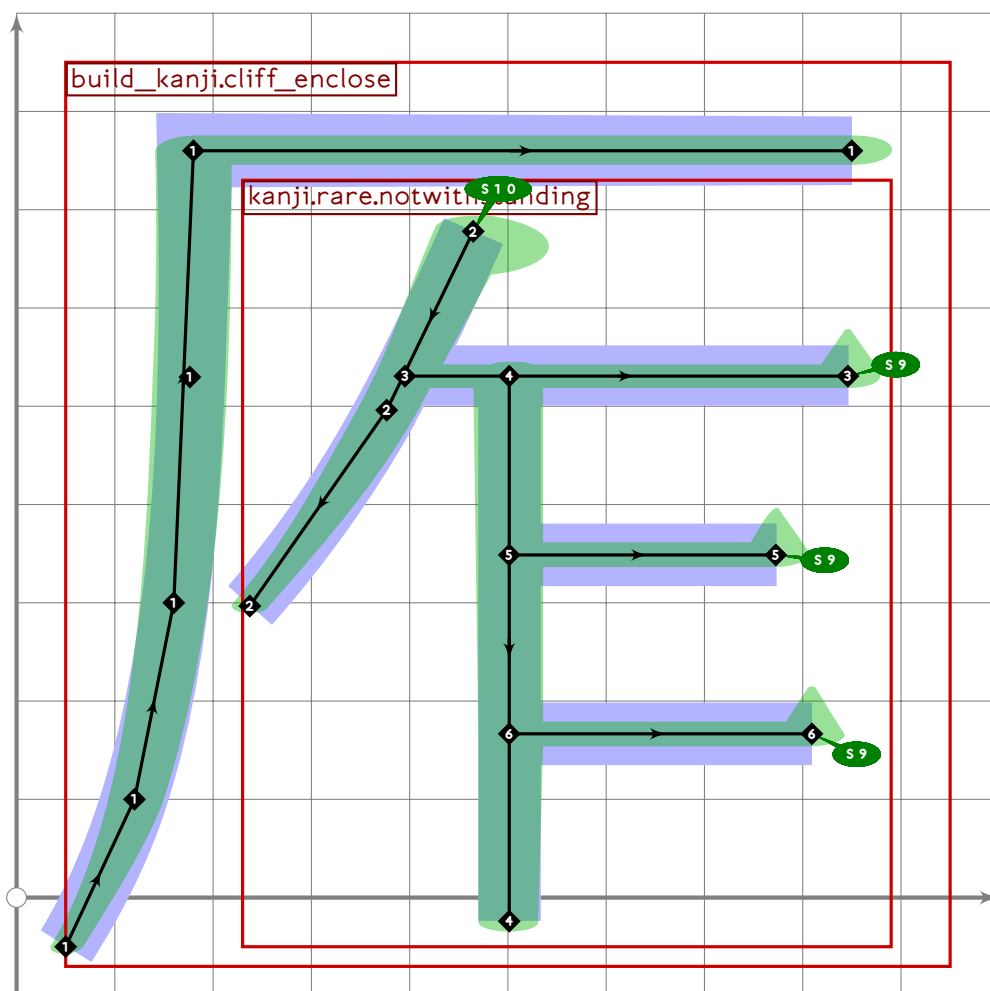
```

386 % extra
387 begintsuglyph("uni5389";137);
388   build_kanji.cliff_enclose(tsu_xform(identity yscaled 0.92)
389     (kanji.grtwo.myriad));
390   tsu_render;
391 endtsuglyph;
392

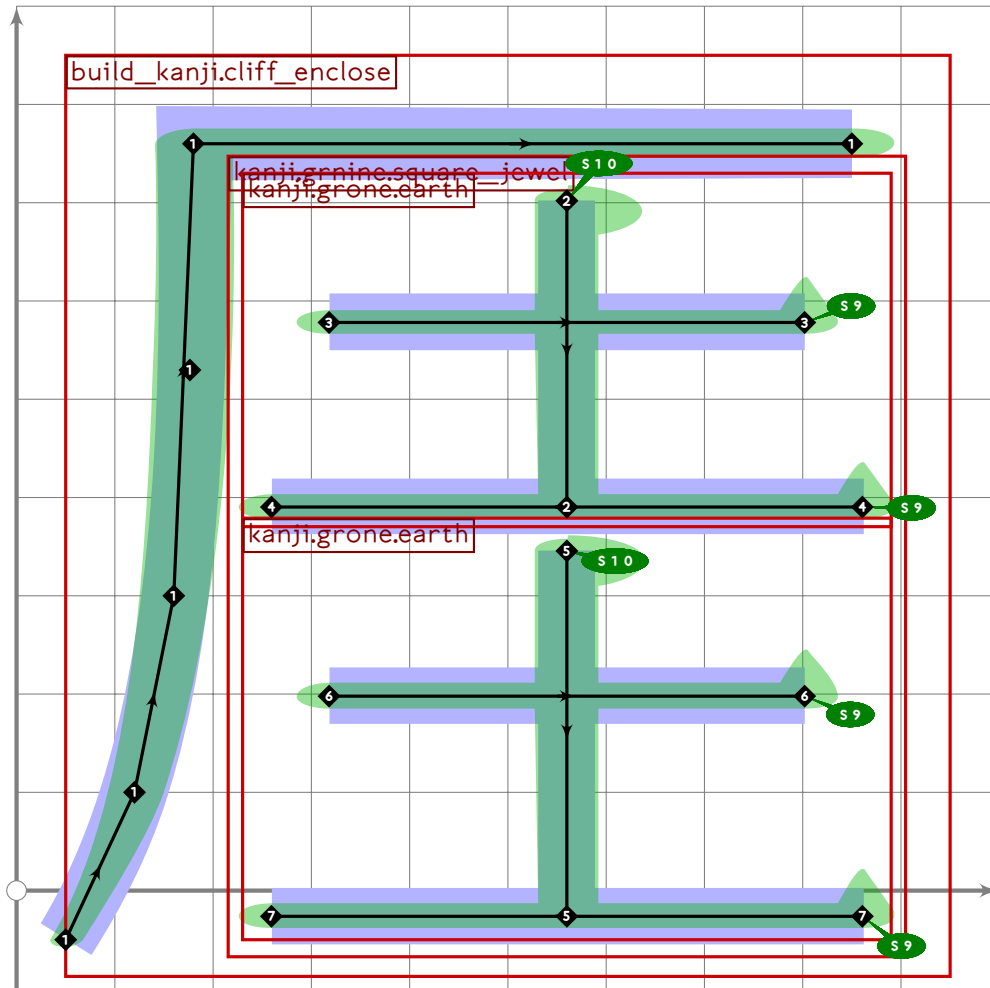
```

U+538F
tsuku.uni538F

53



```
393 % extra
394 begintsuglyph("uni538F";143);
395   build_kanji.cliff_enclose(kanji.rare.notwithstanding);
396   tsu_render;
397 endsuglyph;
398
```

```

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

```

[see page 503]

[see page 701]

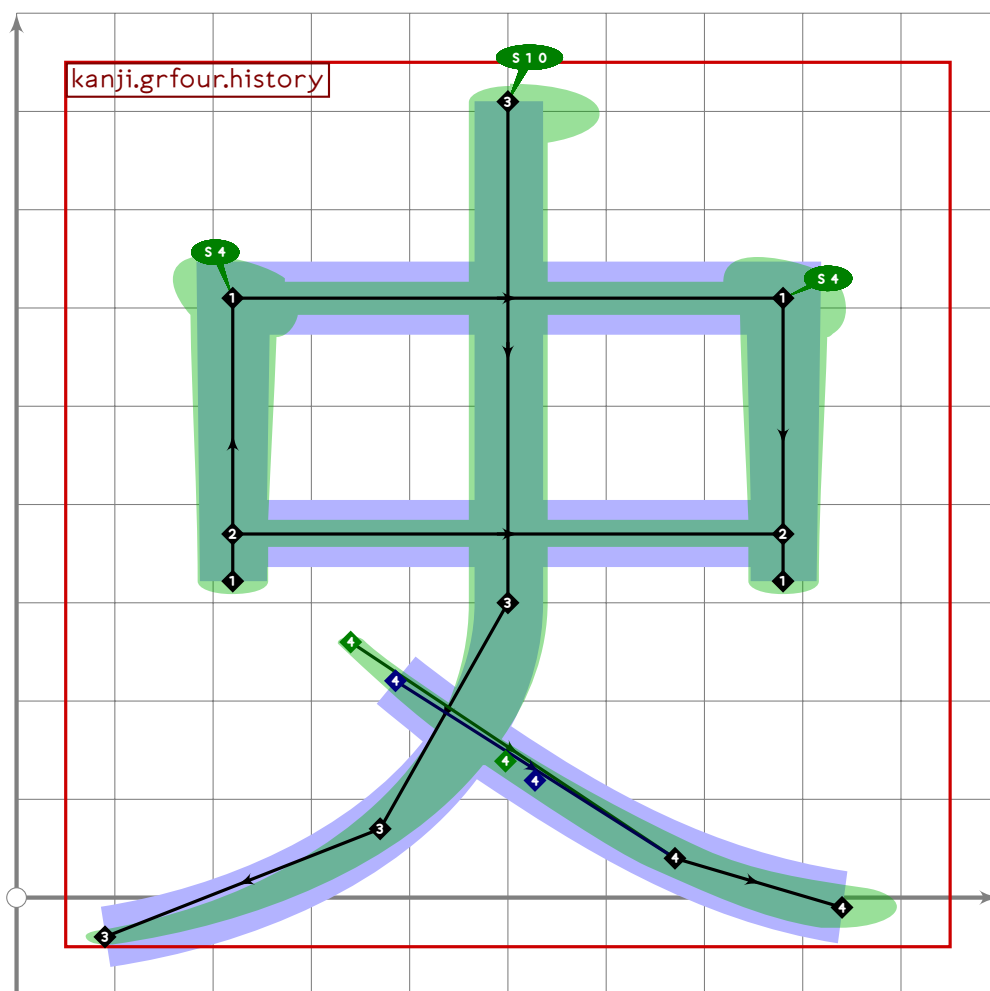
[see page 575]

420 tsu_render;
 421 endtsuglyph;
 422
 423 % san/mai multiple meanings including "participate"
 424 begintsuglyph("uni53C2";194); [see page 1938]
 425 kanji.grfour.participate;
 426 tsu_render;
 427 endtsuglyph;
 428
 429 % yuu/mata "on the other hand"
 430 begintsuglyph("uni53C8";200); [see page 763]
 431 kanji.greight.otoh;
 432 tsu_render;
 433 endtsuglyph;
 434
 435 % kyuuo/oyo "reach"
 436 begintsuglyph("uni53CA";202); [see page 768]
 437 kanji.greight.reach;
 438 tsu_render;
 439 endtsuglyph;
 440
 441 % yuu/tomo "friend"
 442 begintsuglyph("uni53CB";203); [see page 505]
 443 kanji.grtwo.friend;
 444 tsu_render;
 445 endtsuglyph;
 446
 447 % han/so "anti"
 448 begintsuglyph("uni53CD";205); [see page 558]
 449 kanji.grthree.anti;
 450 tsu_render;
 451 endtsuglyph;
 452
 453 % shu/tori "take"
 454 begintsuglyph("uni53D6";214); [see page 1934]
 455 kanji.grthree.take;
 456 tsu_render;
 457 endtsuglyph;
 458
 459 % shu/u "accept"
 460 begintsuglyph("uni53D7";215); [see page 1931]
 461 kanji.grthree.accept;
 462 tsu_render;
 463 endtsuglyph;
 464
 465 % kou/kuchi "mouth"
 466 begintsuglyph("uni53E3";227); [see page 450]
 467 kanji.grone.mouth;

468	tsu_render;	
469	endtsuglyph;	
470		
471	% ko/furo "old"	
472	begintsuglyph("uni53E4";228);	[see page 534]
473	kanji.grtwo.old;	
474	tsu_render;	
475	endtsuglyph;	
476		
477	% ku "phrase"	
478	begintsuglyph("uni53E5";229);	[see page 647]
479	kanji.grfive.phrase;	
480	tsu_render;	
481	endtsuglyph;	
482		
483	% kou/tata "smash"	
484	begintsuglyph("uni53E9";233);	[see page 850]
485	kanji.rare.smash;	
486	tsu_render;	
487	endtsuglyph;	
488		
489	% tada "only"	
490	begintsuglyph("uni53EA";234);	[see page 795]
491	kanji.grnine.only;	
492	tsu_render;	
493	endtsuglyph;	
494		
495	% shou/me "call"	
496	begintsuglyph("uni53EC";236);	[see page 739]
497	kanji.greight.call;	
498	tsu_render;	
499	endtsuglyph;	
500		
501	% ka/be "passable"	
502	begintsuglyph("uni53EF";239);	[see page 646]
503	kanji.grfive.passable;	
504	tsu_render;	
505	endtsuglyph;	
506		
507	% tai/utana "pedestal"	
508	begintsuglyph("uni53F0";240);	[see page 536]
509	kanji.grtwo.pedestal;	
510	tsu_render;	
511	endtsuglyph;	
512		

U+53F2
tsuku.uni53F2

53

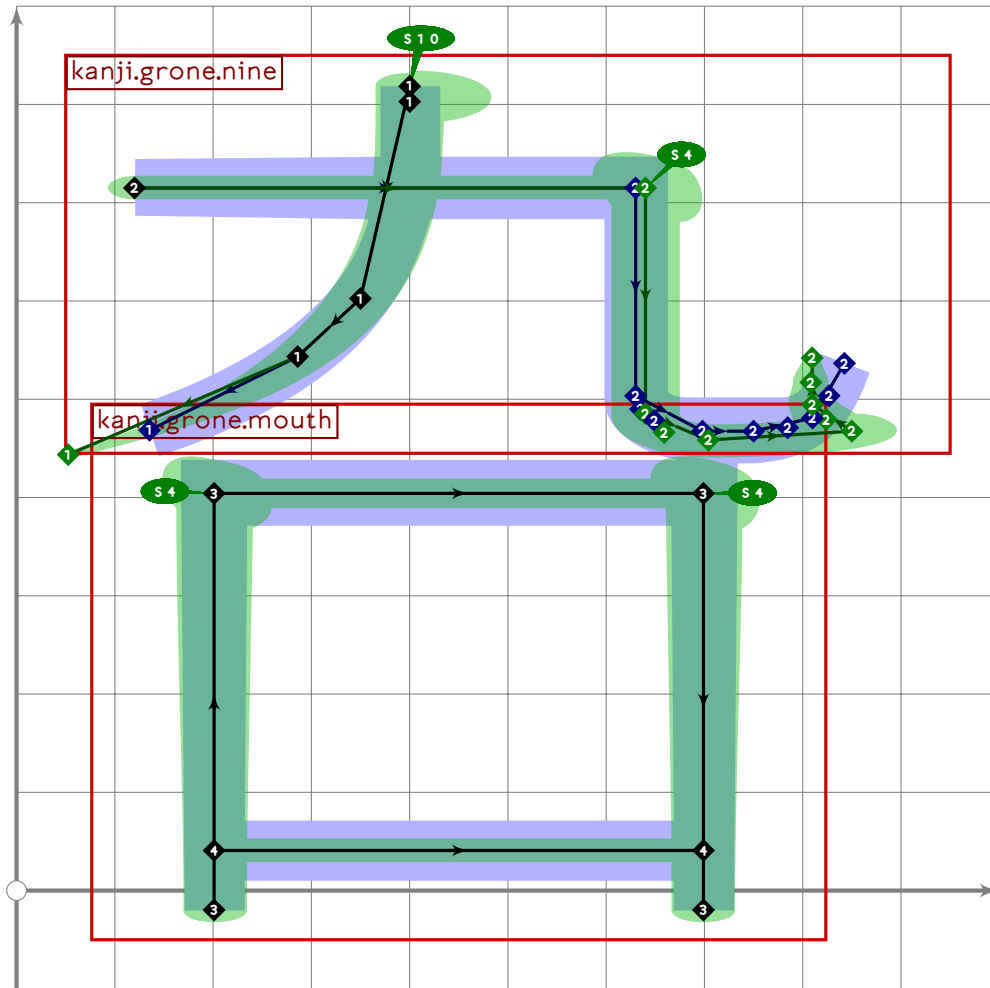


```

513 % shi "history"
514 begintsuglyph("uni53F2";242);
515   kanji.grfour.history;
516   tsu_render;
517 endtsuglyph;
518
519 % migi "right"
520 begintsuglyph("uni53F3";243);
521   kanji.grone.right;
522   tsu_render;
523 endtsuglyph;
524

```

[see page 462]



```

525 % extra
526 begintsuglyph("uni53F4";244);
527   build_kanji.tb(470,50)
528     (kanji.grone.nine)
529     (build_kanji.sscale(xscaled 0.83 shifted (-50,0))
530     (kanji.grone.mouth));
531   tsu_render;
532 endtsuglyph;
533
534 % gou/sake "number"
535 begintsuglyph("uni53F7";247);
536   kanji.grthree.number;
537   tsu_render;
538 endtsuglyph;
539
540 % shi/tsukasado "director" or "official (person)"
541 begintsuglyph("uni53F8";248);
542   kanji.grfour.director;
543   tsu_render;
544 endtsuglyph;
545

```

[see page 1933]

[see page 612]

```
546 

---


547
548 endfont;
549
550 

---


```

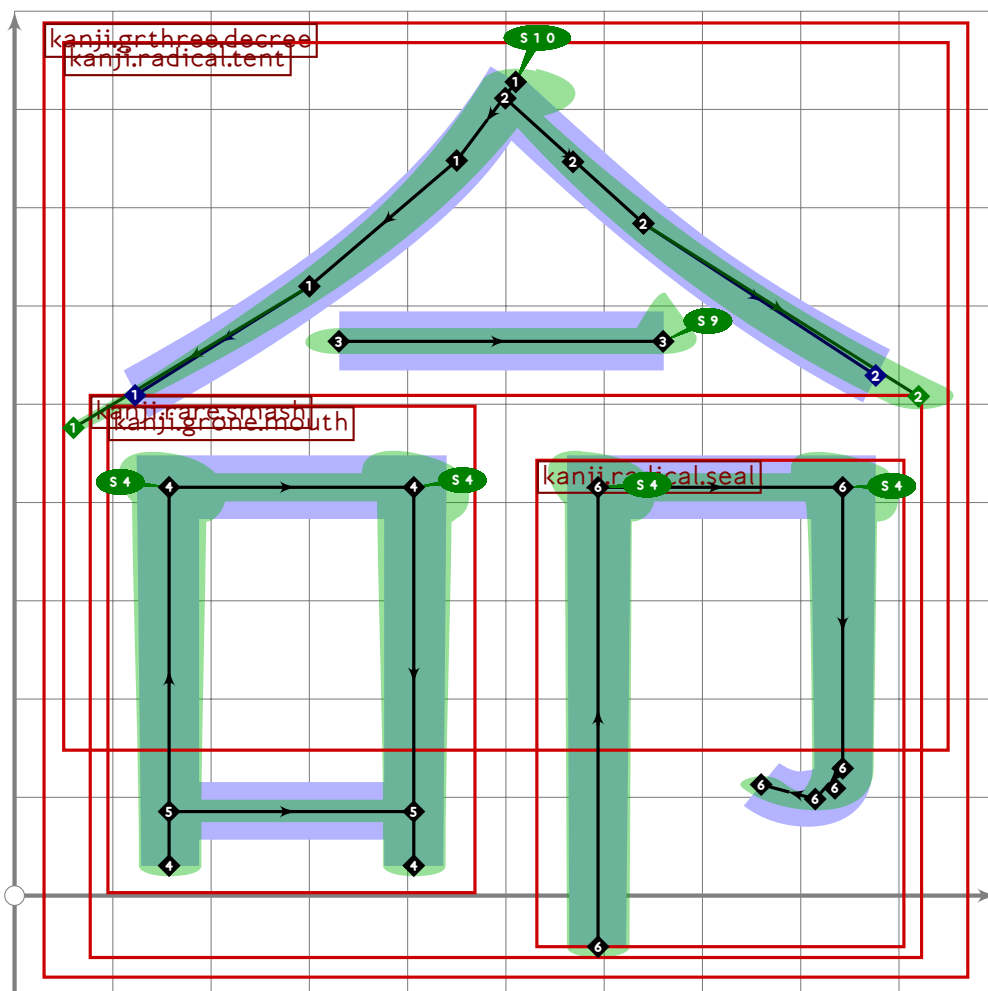
```
1 %
2 % Unicode page 54 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

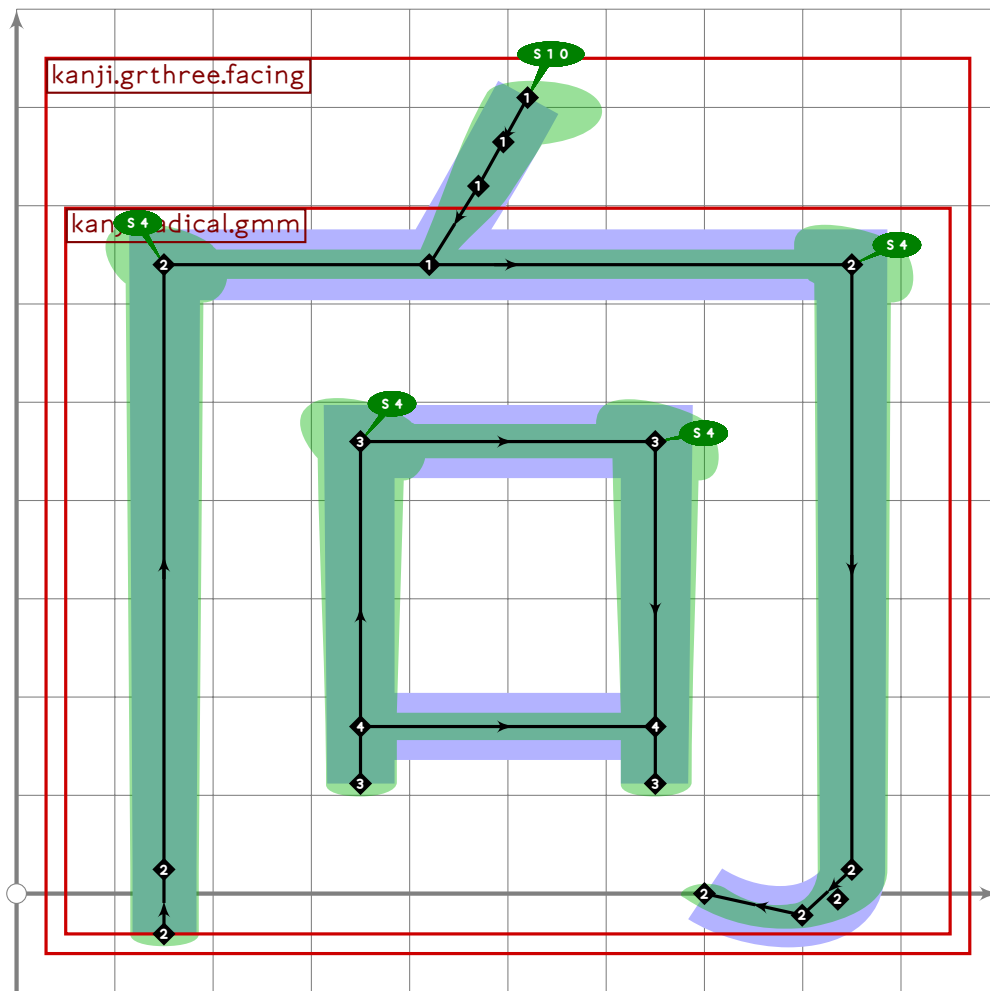

```



```

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

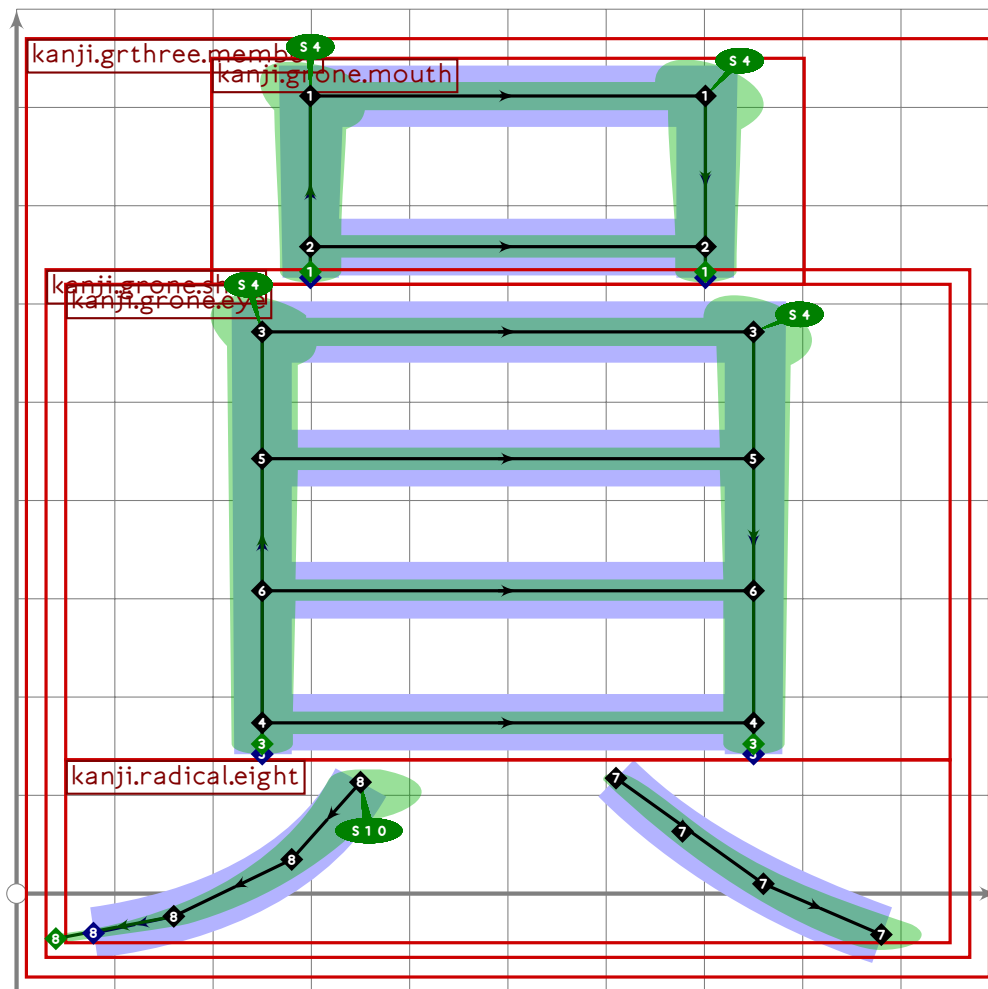
```

```

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

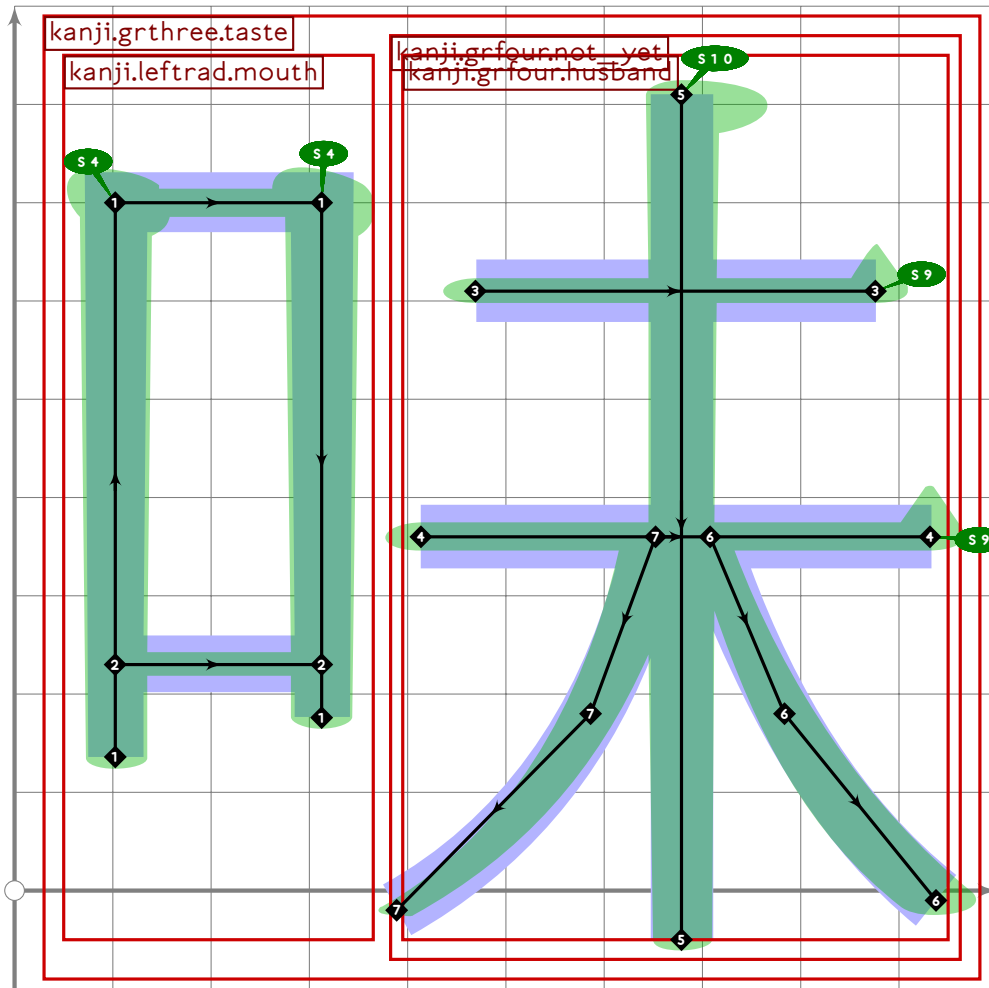
```



```

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

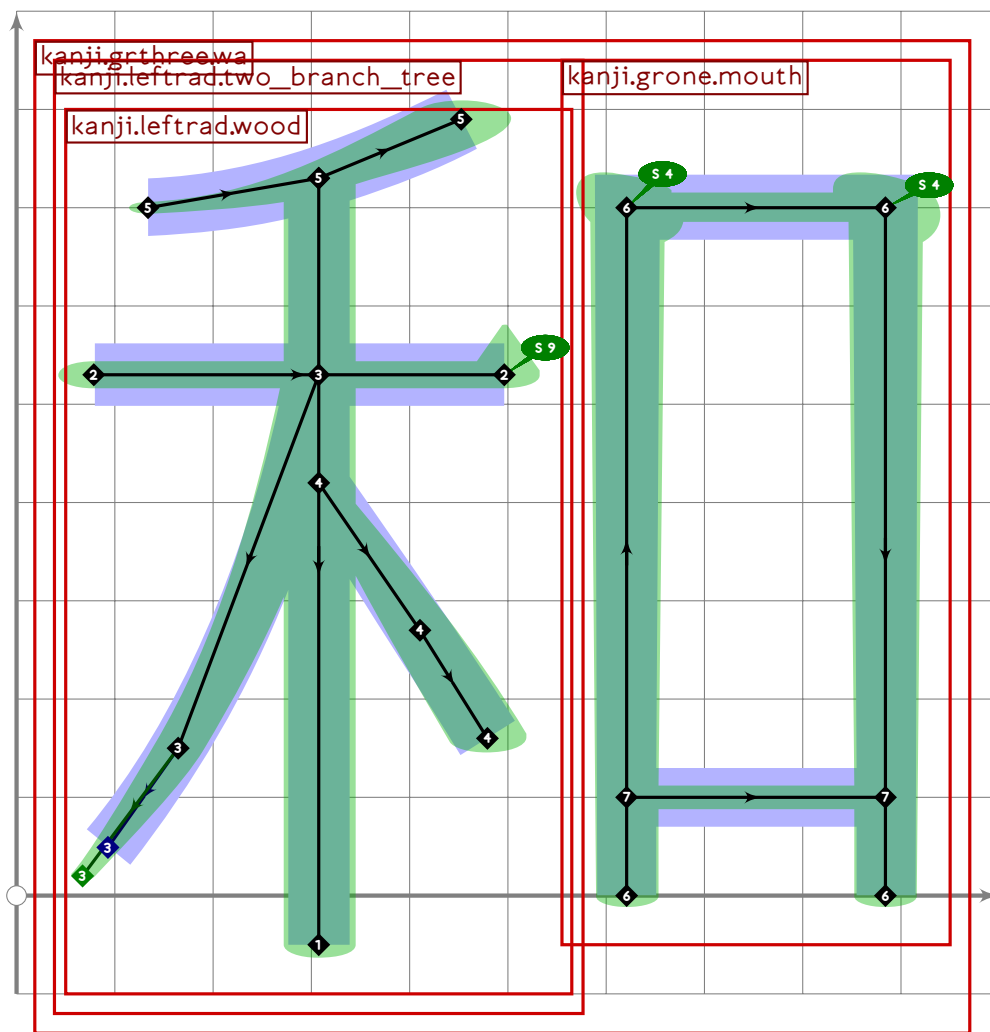
```



```

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

```



```

90
91 vardef kanji.grthreewa =
92   push_pbox_toexpand("kanji.grthreewa");
93   build_kanji.lr(560,10)
94     (kanji.leftrad.two_branch_tree)
95     (kanji.grone.mouth);
96   expand_pbox;
97 enddef;
98
99

```

```

100
101 % kaku/onoono "every"
102 begintsuglyph("uni5404"4);
103   kanji.grfour.every;
104   tsu_render;
105 endtsuglyph;
106
107 % gou/a "meet"
108 begintsuglyph("uni5408"8);
109   kanji.grtwo.join;

```

[see page 615]

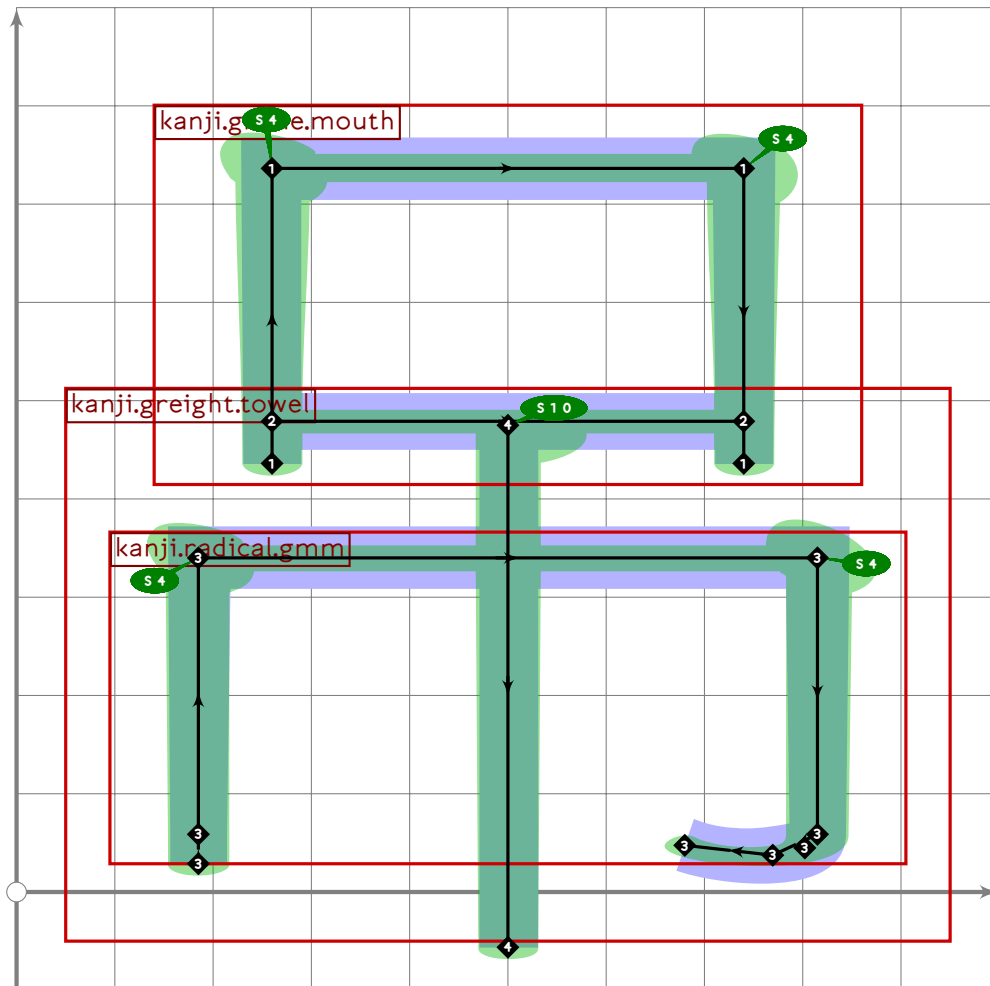
[see page 516]

```

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

```

[see page 751]



54

```

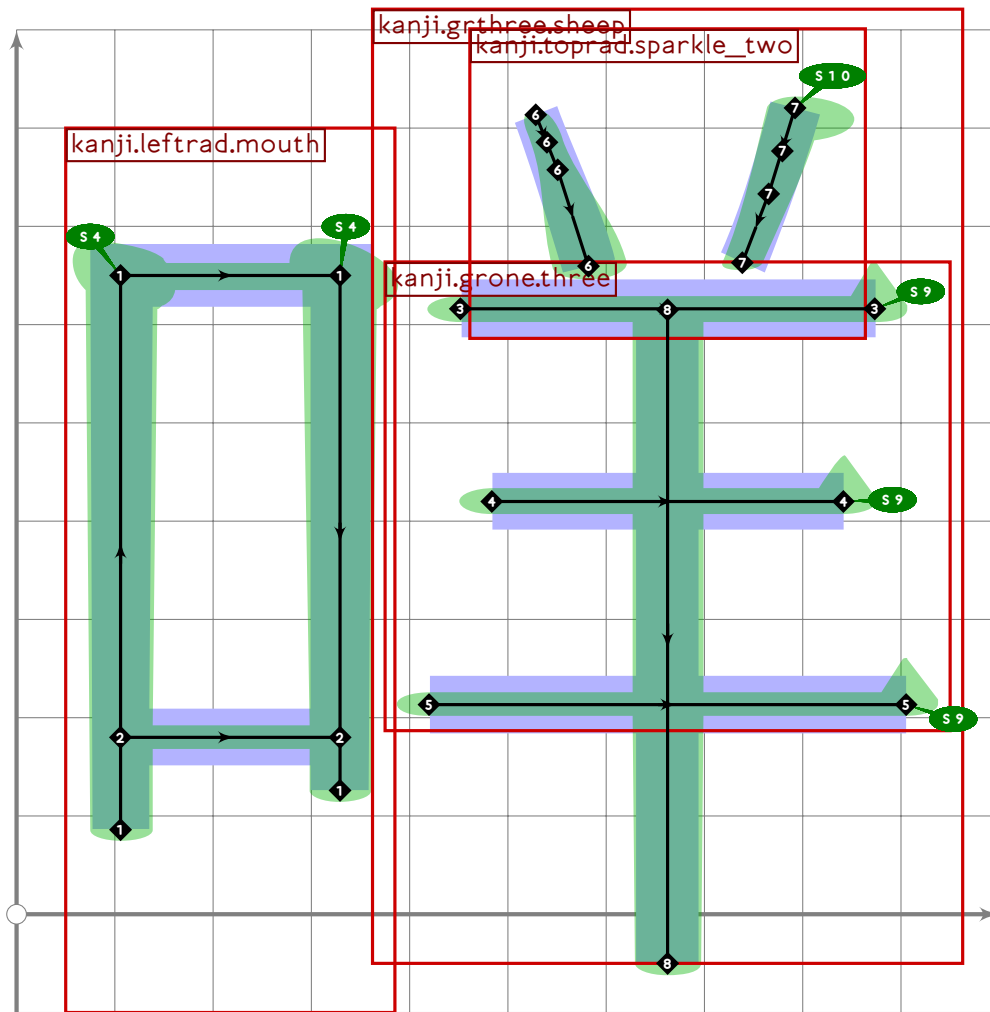
119 % extra chou/tsu "hanging"
120 begintsuglyph("uni540A";10);
121   build_kanji.level(build_kanji.tb(440,145)
122     (build_kanji.sscale(scaled 0.8)(kanji.grone.mouth))
123     (kanji.greight.towel));
124   tsu_render;
125 endtsuglyph;
126
127 % dou/onaji "the same"
128 begintsuglyph("uni540C";12);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

```

[see page 541]

131 endtsuglyph;
 132
 133 % na "name"
 134 begintsuglyph("uni540D";13); [see page 451]
 135 kanji.grone.name;
 136 tsu_render;
 137 endtsuglyph;
 138
 139 % ri "officer"
 140 begintsuglyph("uni540F";15); [see page 762]
 141 kanji.greight.officer;
 142 tsu_render;
 143 endtsuglyph;
 144
 145 % kou/mu "facing"
 146 begintsuglyph("uni5411";17); [see page 1959]
 147 kanji.grthree.facing;
 148 tsu_render;
 149 endtsuglyph;
 150
 151 % kun/kimi "pronoun or honorific for a subordinate"
 152 begintsuglyph("uni541B";27); [see page 581]
 153 kanji.grthree.junior;
 154 tsu_render;
 155 endtsuglyph;
 156
 157 % hi/ina "negation" or "the noes"
 158 begintsuglyph("uni5426";38); [see page 664]
 159 kanji.grsix.noes;
 160 tsu_render;
 161 endtsuglyph;
 162
 163 % go/ware "my, mine"
 164 begintsuglyph("uni543E";62); [see page 793]
 165 kanji.grnine.my;
 166 tsu_render;
 167 endtsuglyph;
 168
 169 % ryo "spine"
 170 begintsuglyph("uni5442";66); [see page 772]
 171 kanji.greight.spine;
 172 tsu_render;
 173 endtsuglyph;
 174
 175 % bou/boke "befuddled" (funny man in a Kansai comedy duo)
 176 begintsuglyph("uni5446";70); [see page 812]
 177 kanji.rare.befuddled;
 178 tsu_render;

179 endtsuglyph;
 180
 181 % koku "revelation"
 182 begintsuglyph("uni544A";74); [see page 633]
 183 kanji.grfour.revelation;
 184 tsu_render;
 185 endtsuglyph;
 186
 187 % ton/no "drink" (rare form used as part of other things)
 188 begintsuglyph("uni5451";81); [see page 826]
 189 kanji.rare.drink;
 190 tsu_render;
 191 endtsuglyph;
 192
 193 % shuu/mawa "circuit"
 194 begintsuglyph("uni5468";104); [see page 609]
 195 kanji.grfour.circuit;
 196 tsu_render;
 197 endtsuglyph;
 198
 199 % mi/aji "taste"
 200 begintsuglyph("uni5473";115); [see page 1961]
 201 kanji.grthree.taste;
 202 tsu_render;
 203 endtsuglyph;
 204
 205 % mei/inochi "decree"
 206 begintsuglyph("uni547D";125); [see page 1958]
 207 kanji.grthree.decree;
 208 tsu_render;
 209 endtsuglyph;
 210
 211 % wa/yawa "wa" (supposedly-untranslatable term equated with Japanese spirit)
 212 begintsuglyph("uni548C";140); [see page 1962]
 213 kanji.grthree.wa;
 214 tsu_render;
 215 endtsuglyph;
 216
 217 % gaku/odoroku "outspokenly"
 218 begintsuglyph("uni54A2";162); [see page 846]
 219 kanji.rare.outspokenly;
 220 tsu_render;
 221 endtsuglyph;
 222



```

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

```

[see page 854]

[see page 576]


```

244 begintsuglyph("uni54E1";225);
245   kanji.grthree.member;
246   tsu_render;
247 endtsuglyph;
248
249 % ka/uta "big brother" (needed for ka/uta "song")
250 begintsuglyph("uni54E5";229);
251   kanji.rare.big_brother;
252   tsu_render;
253 endtsuglyph;
254
255 _____
256
257 endfont;
258
259 _____

```

[see page 1960]

[see page 813]

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

```
38 input gradenine.mp;
```

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

```
40 input gradethree.mp;
```

```
41 input gradetwo.mp;
```

```
42 input leftrad.mp;
```

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

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

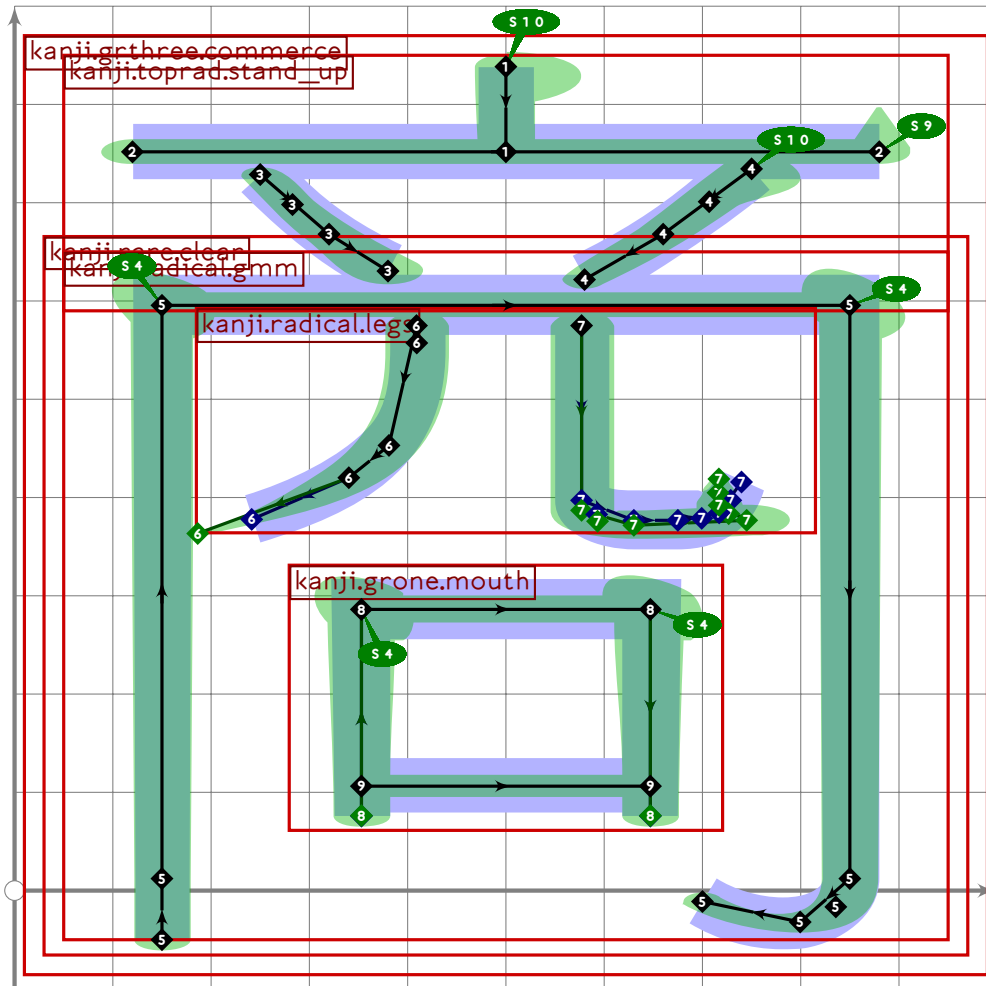
```
45 input toprad.mp;
```

```
46
```

```
47 do_late_includes;
```

```
48
```

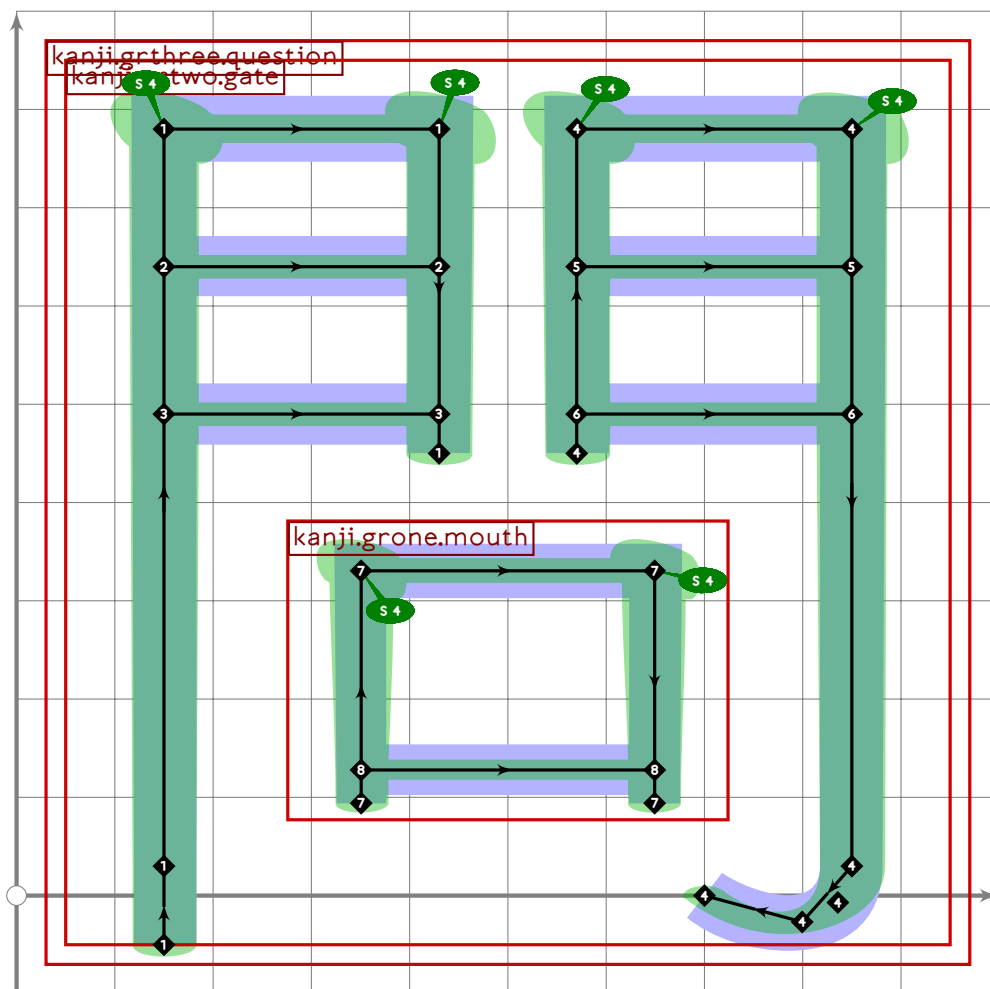
```
49
```



```

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

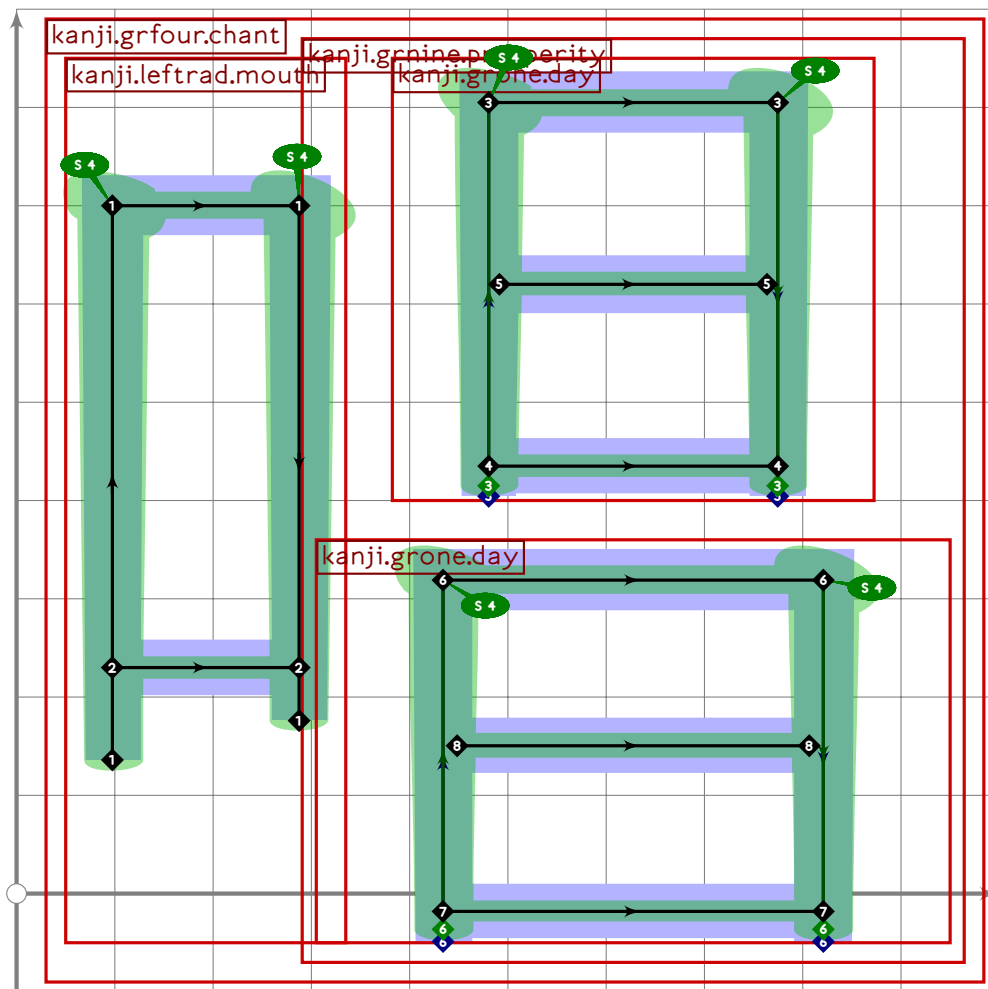
```



```

59
60 vardef kanji.grthree.question =
61   push_pbox_toexpand("kanji.grthree.question");
62   build_kanji.gate_enclose(
63     build_kanji.sscale(scaled 0.8)(kanji.grone.mouth));
64   expand_pbox;
65 enddef;
66
67

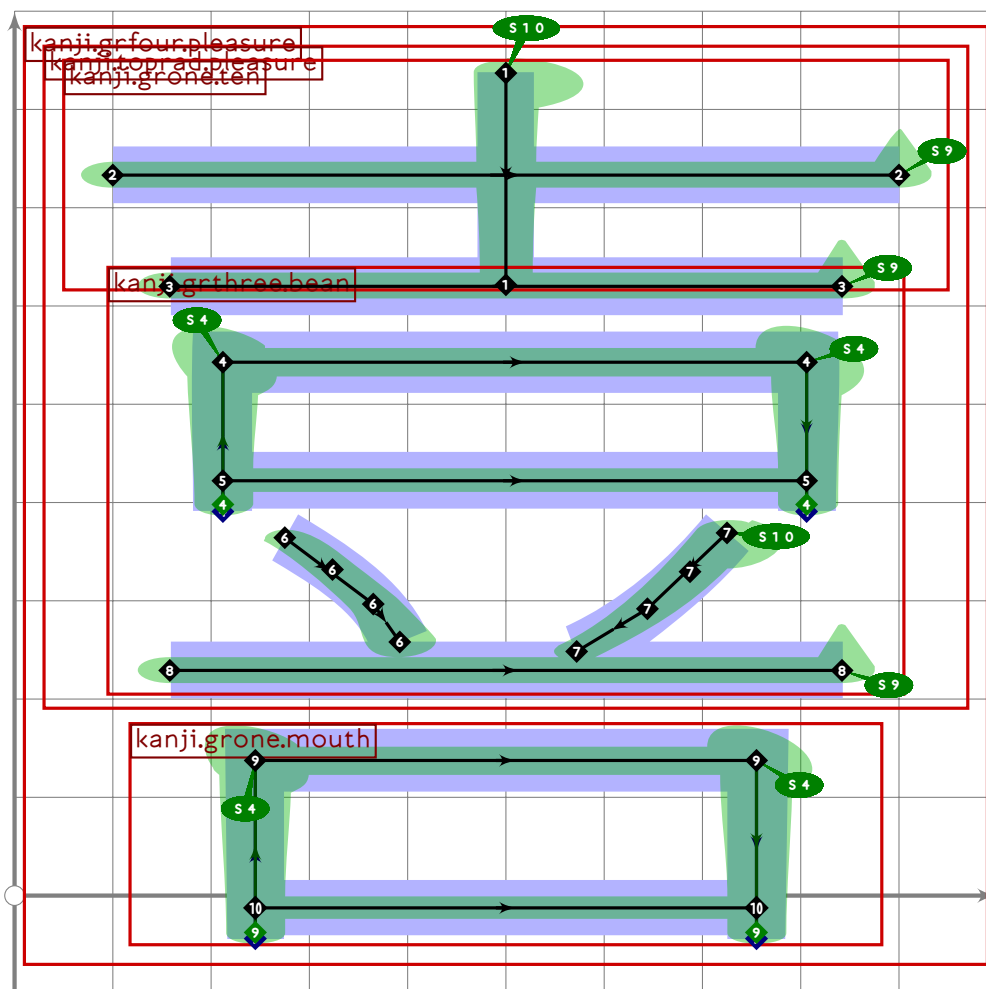
```



```

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

```



```

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

```

[see page 1971]

[see page 1969]

```

97 endtsuglyph;
98
99 % mon/to "question"
100 begintsuglyph("uni554F";79); [see page 1970]
101   kanji.grthree.question;
102   tsu_render;
103 endtsuglyph;
104
105 % ki/yoroko "pleasure"
106 begintsuglyph("uni559C";156); [see page 1972]
107   kanji.grfour.pleasure;
108   tsu_render;
109 endtsuglyph;
110
111 % kyou/taka "boast"
112 begintsuglyph("uni55AC";172); [see page 784]
113   kanji.grnine.boast;
114   tsu_render;
115 endtsuglyph;
116
117 _____
118
119 endfont;
120
121 _____

```

tsuku-56.mp

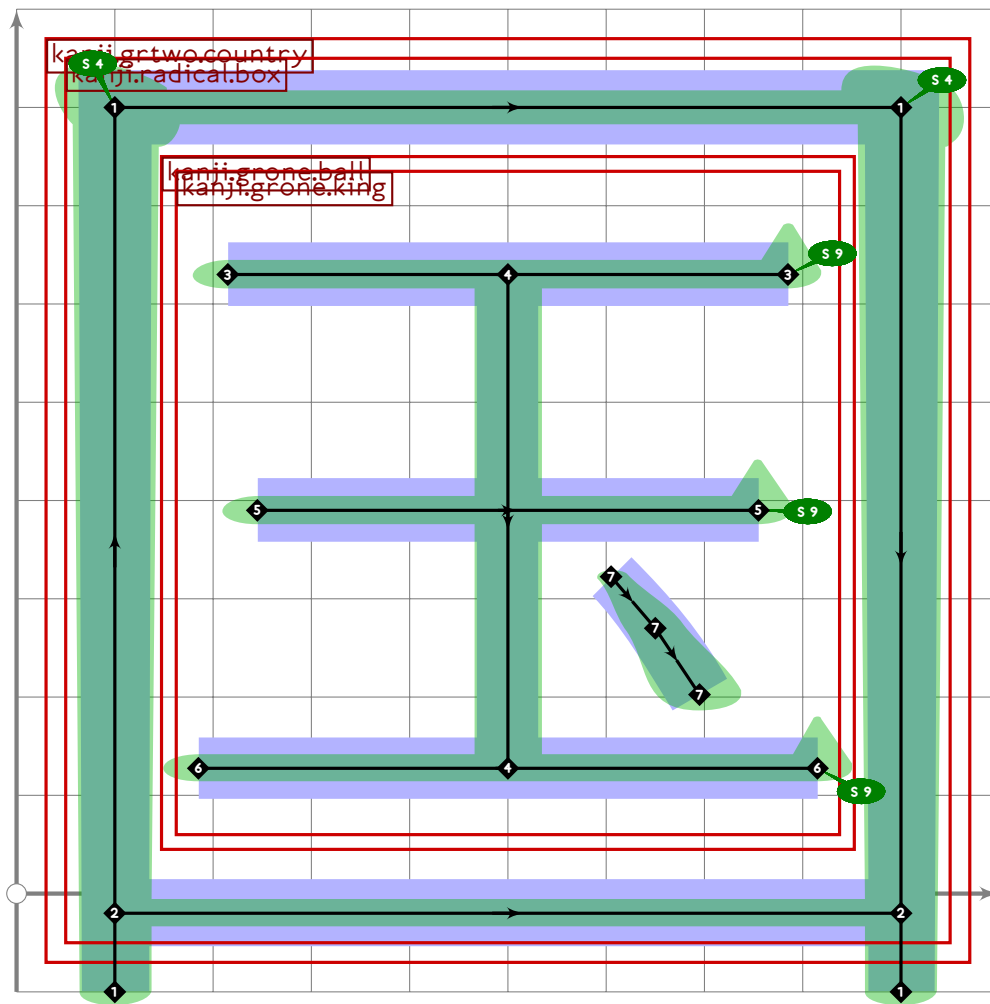
```
1 %
2 % Unicode page 56 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

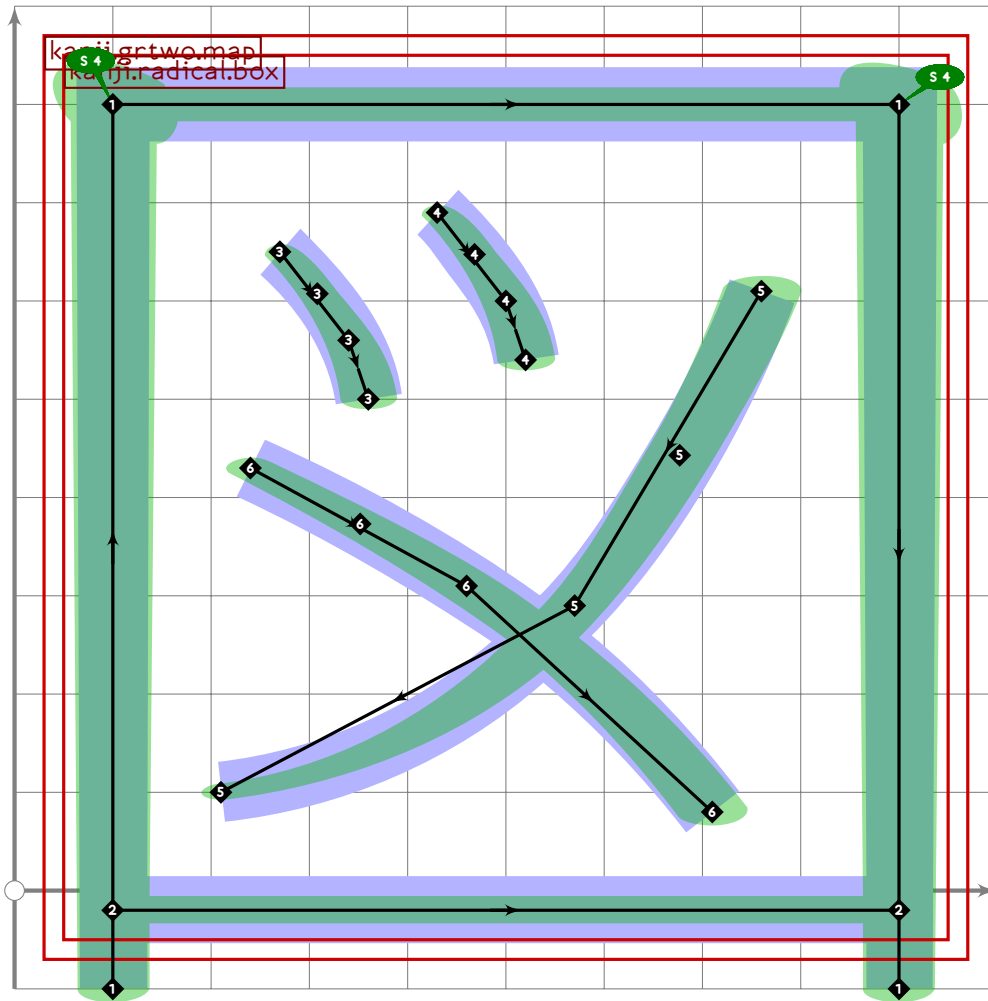

```

```

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

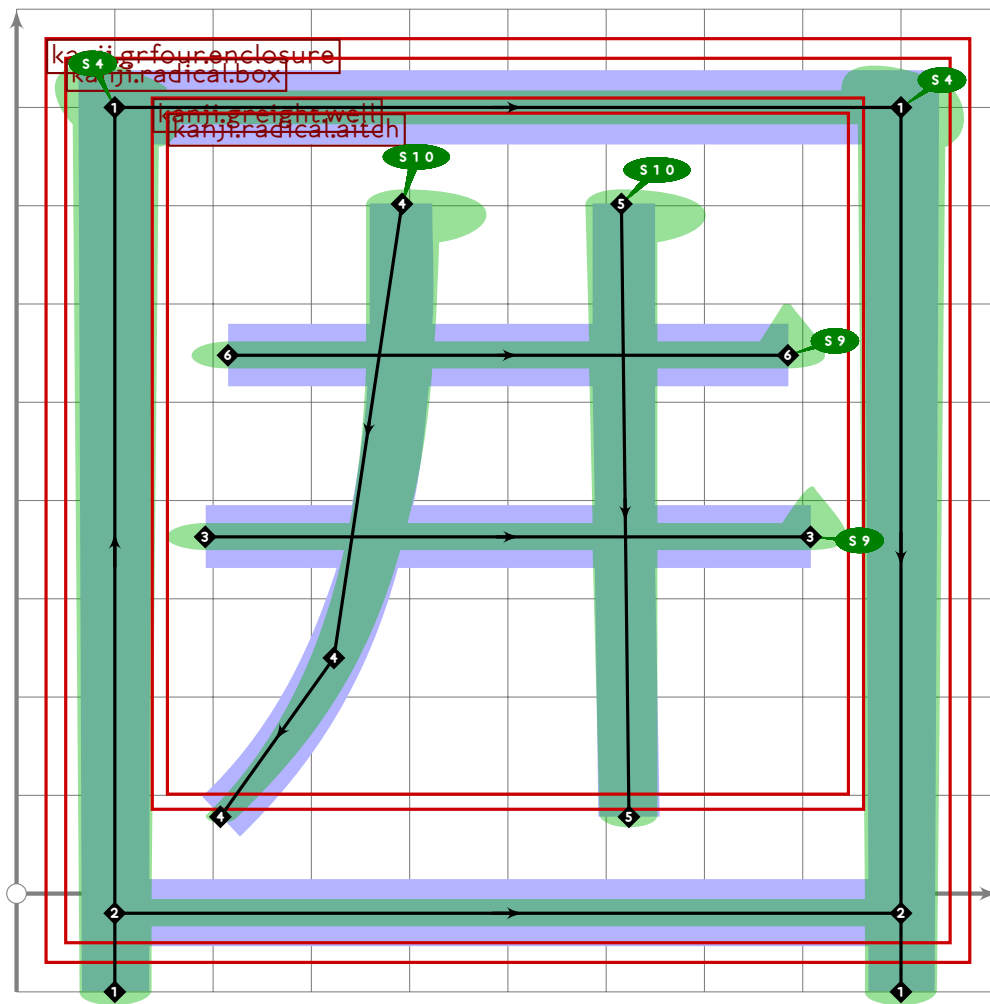
```



```

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

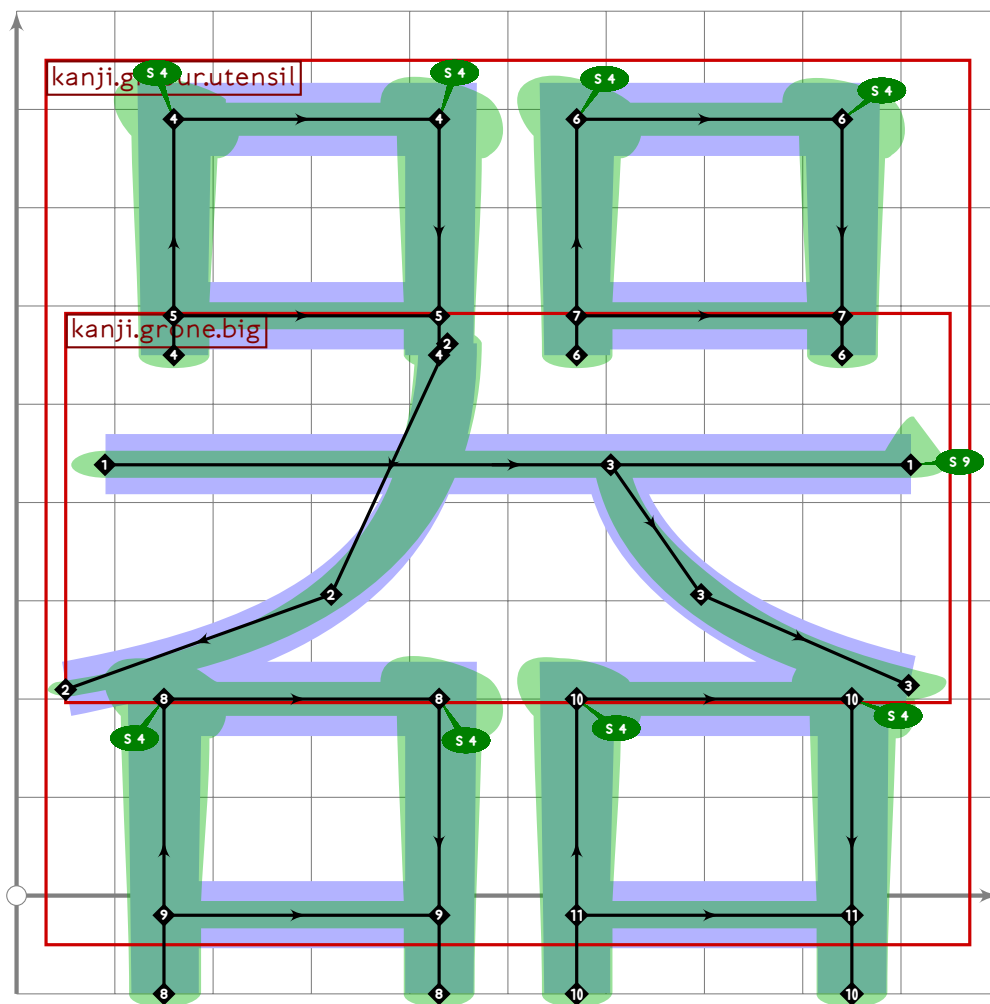
```



```

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

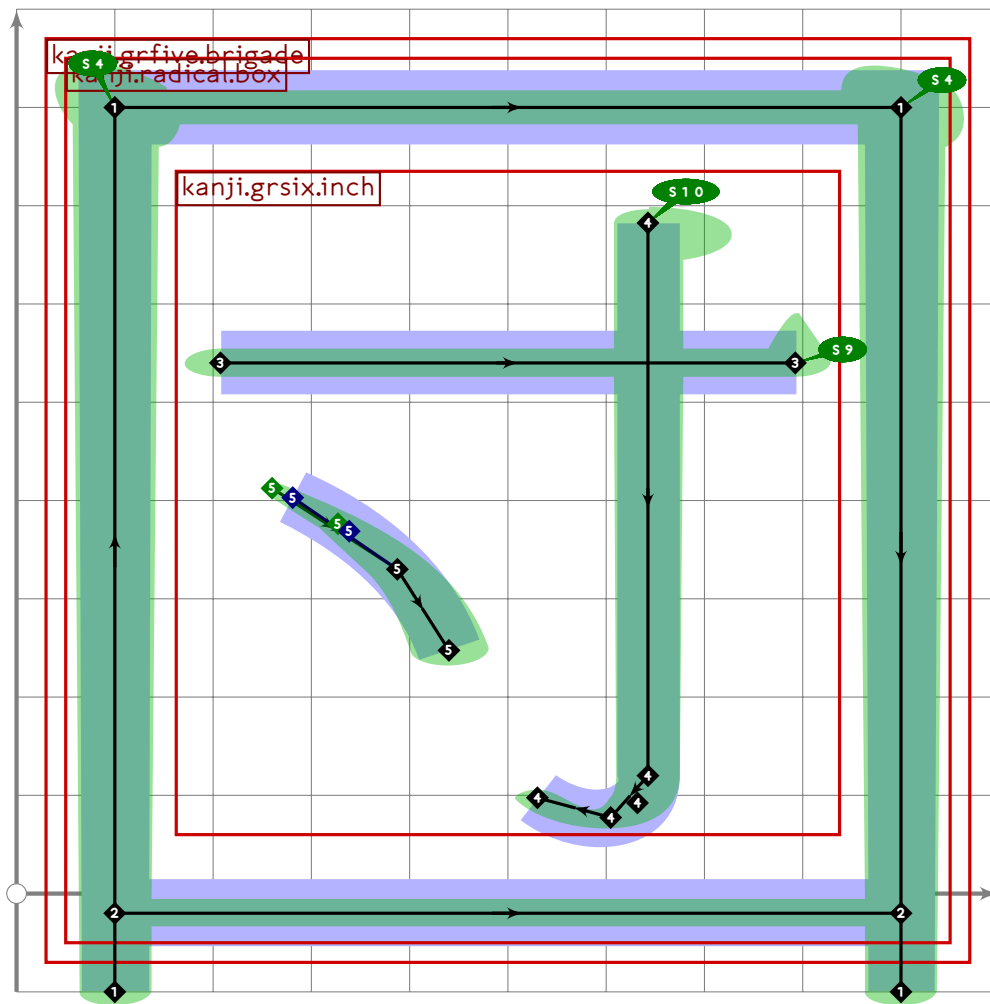
```



```

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

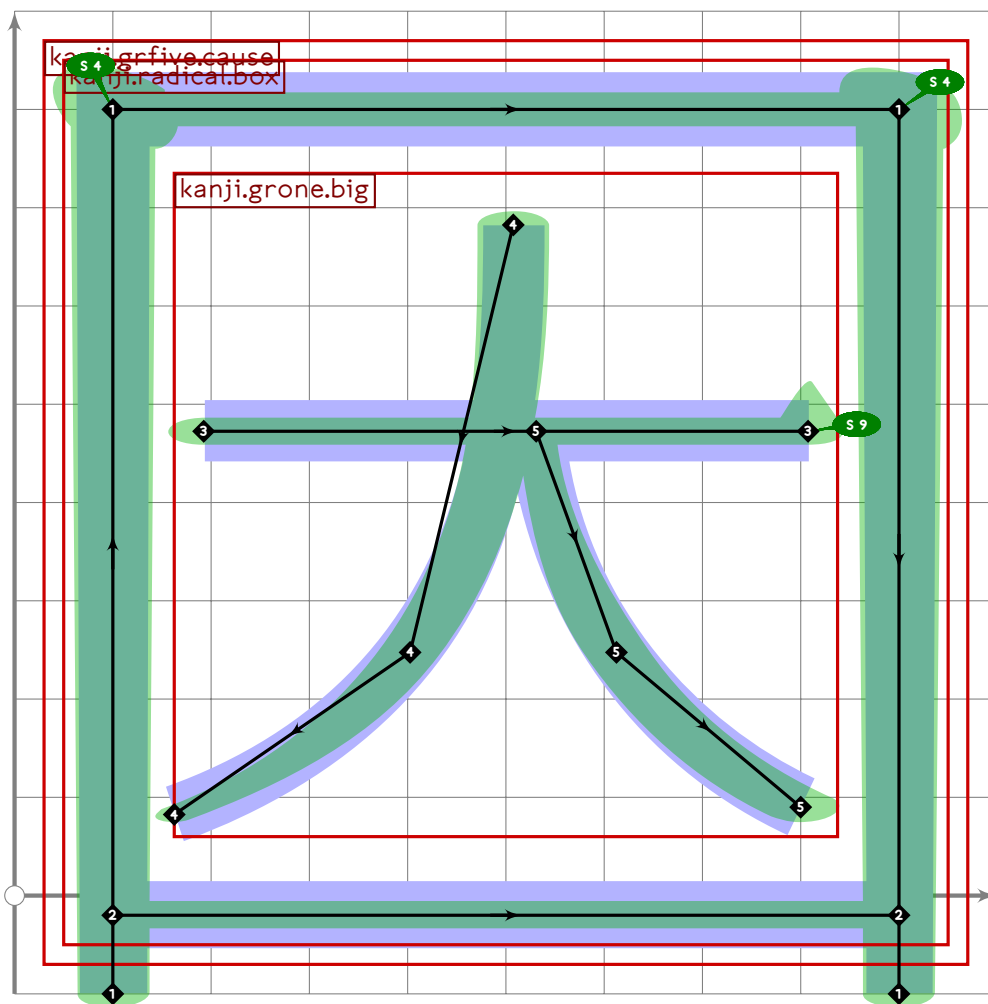
```



```

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

```



```

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

```

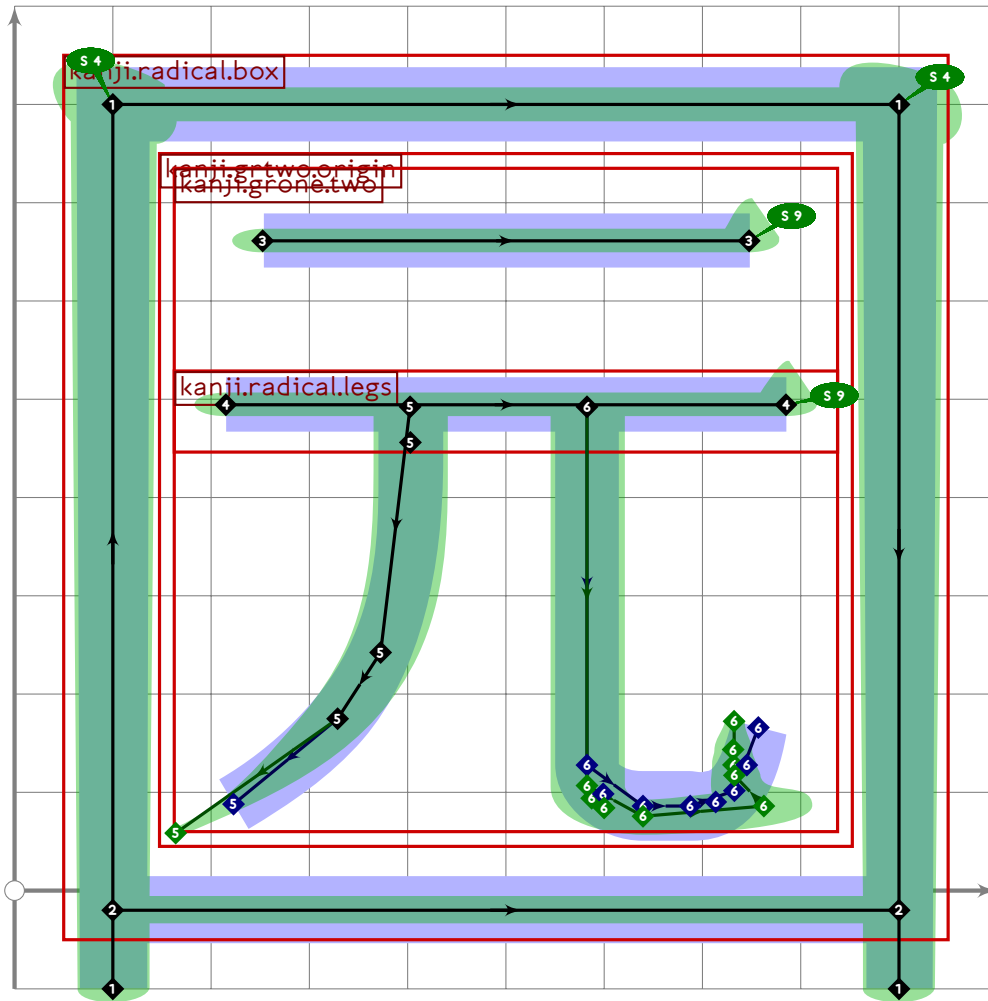
[see page 1978]

[see page 687]

118		
119	% shi/yon "four"	
120	begintsuglyph("uni56DB",219);	[see page 437]
121	kanji.grone.four;	
122	tsu_render;	
123	endtsuglyph;	
124		
125	% kai "counter for occurrences"	
126	begintsuglyph("uni56DE",222);	[see page 533]
127	kanji.grtwo.occurrences;	
128	tsu_render;	
129	endtsuglyph;	
130		
131	% in/yo "cause"	
132	begintsuglyph("uni56E0",224);	[see page 1980]
133	kanji.grfive.cause;	
134	tsu_render;	
135	endtsuglyph;	
136		
137	% dan/katamari "group or association" (as in SOS Brigade)	
138	begintsuglyph("uni56E3",227);	[see page 1979]
139	kanji.grfive.brigade;	
140	tsu_render;	
141	endtsuglyph;	
142		

U+56ED
tsuku.uni56ED

56



```

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

```

[see page 656]

[see page 1977]

[see page 1976]


```

164 kanji.grtwo.map;
165 tsu_render;
166 endtsuglyph;
167
168 % ko/kata "hard"
169 begintsuglyph("uni56FA",250); [see page 622]
170 kanji.grfour.hard;
171 tsu_render;
172 endtsuglyph;
173
174 % koku/kuni "country"
175 begintsuglyph("uni56FD",253); [see page 1975]
176 kanji.grtwo.country;
177 tsu_render;
178 endtsuglyph;
179
180 _____
181
182 endfont;
183
184 _____

```

tsuku-57.mp

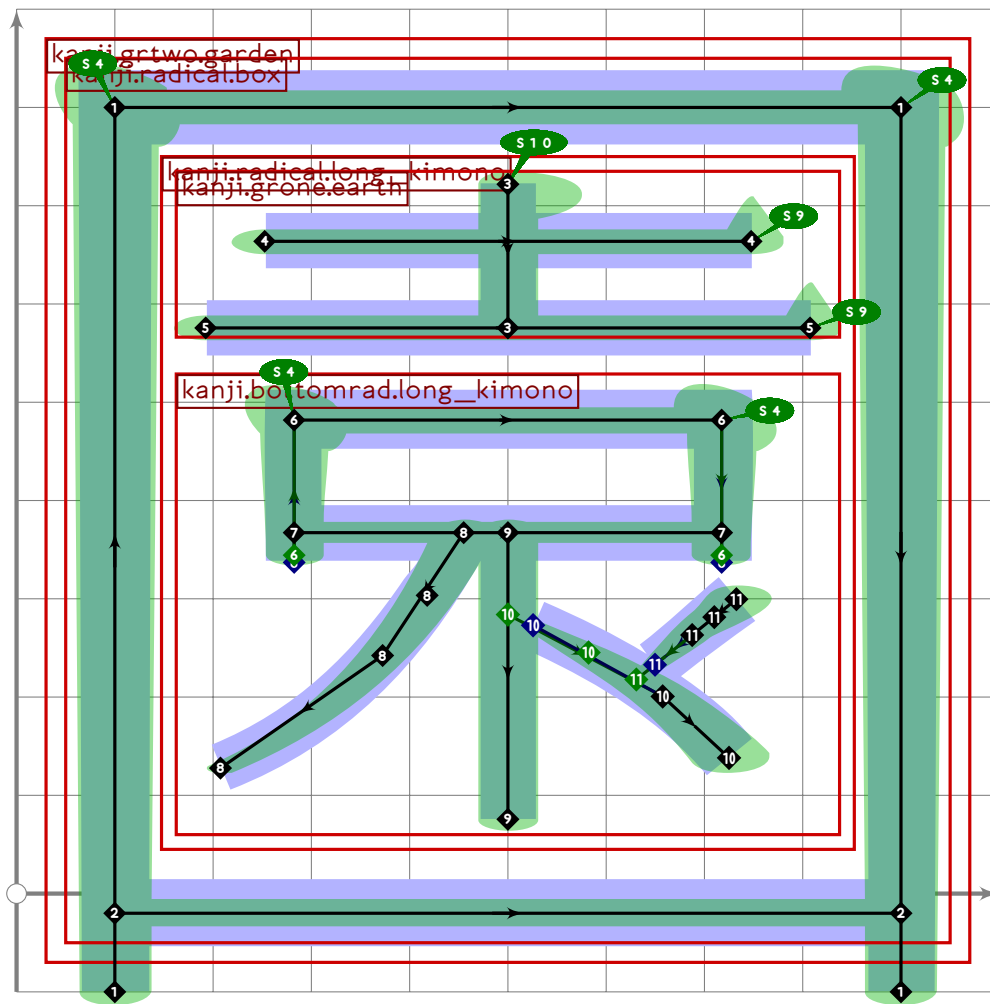
```
1 %
2 % Unicode page 57 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

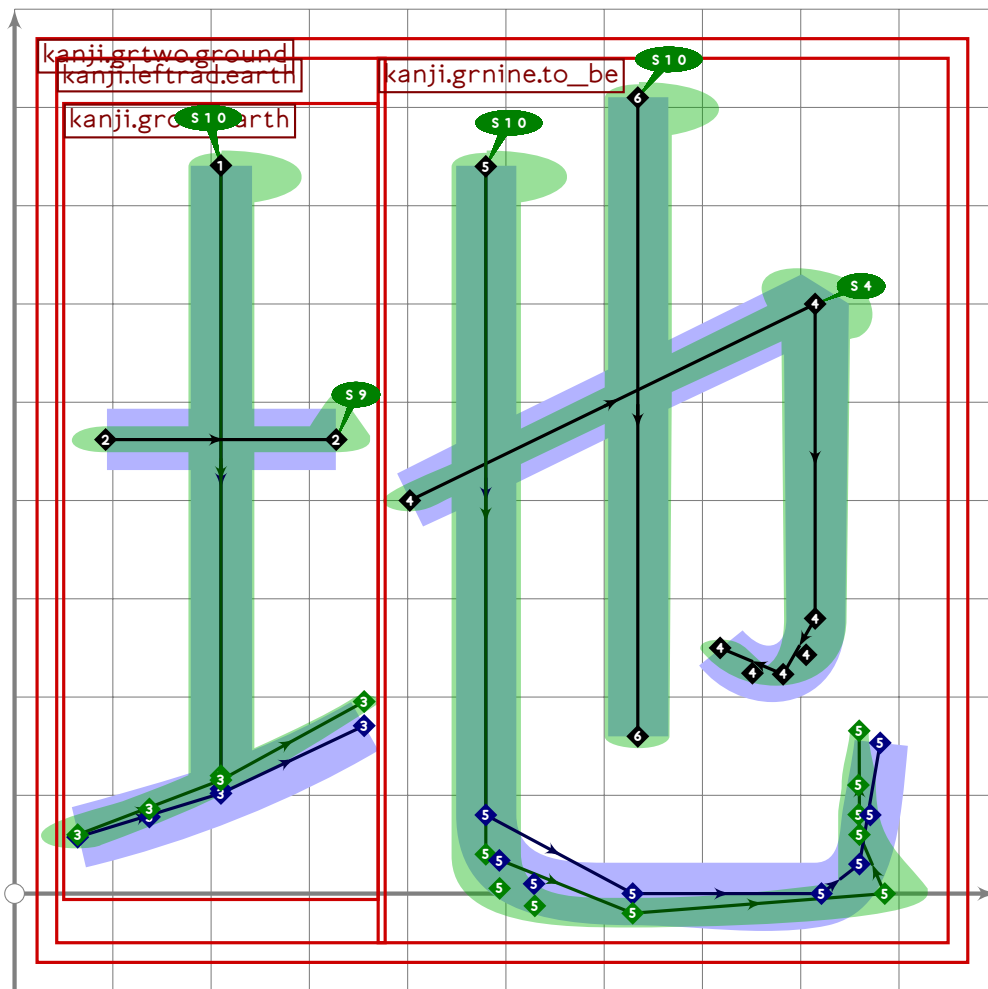

```



```

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

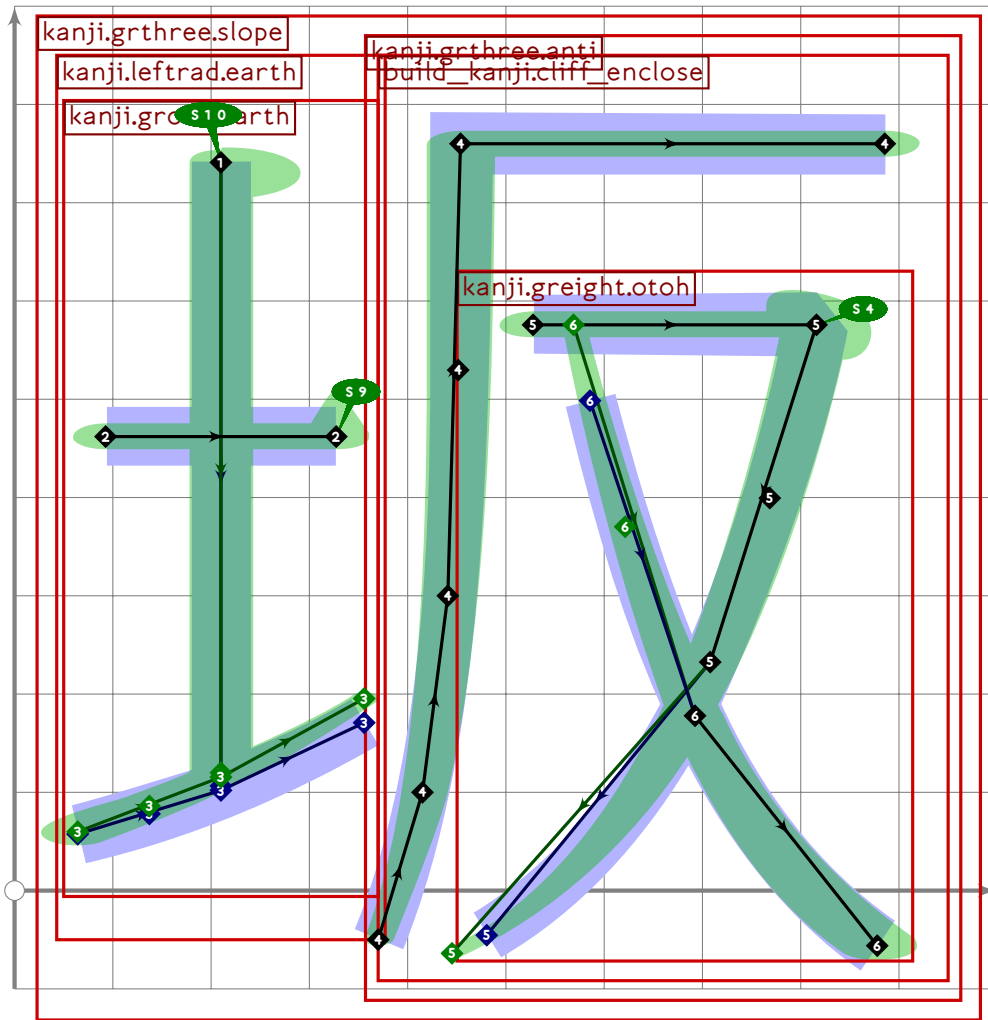
```



```

61
62 vardef kanji.grtwo.ground =
63   push_pbox_toexpand("kanji.grtwo.ground");
64   build_kanji.level(build_kanji.lr(370,0)
65     (kanji.leftrad.earth)
66     (kanji.grnine.to_be));
67   expand_pbox;
68 enddef;
69
70

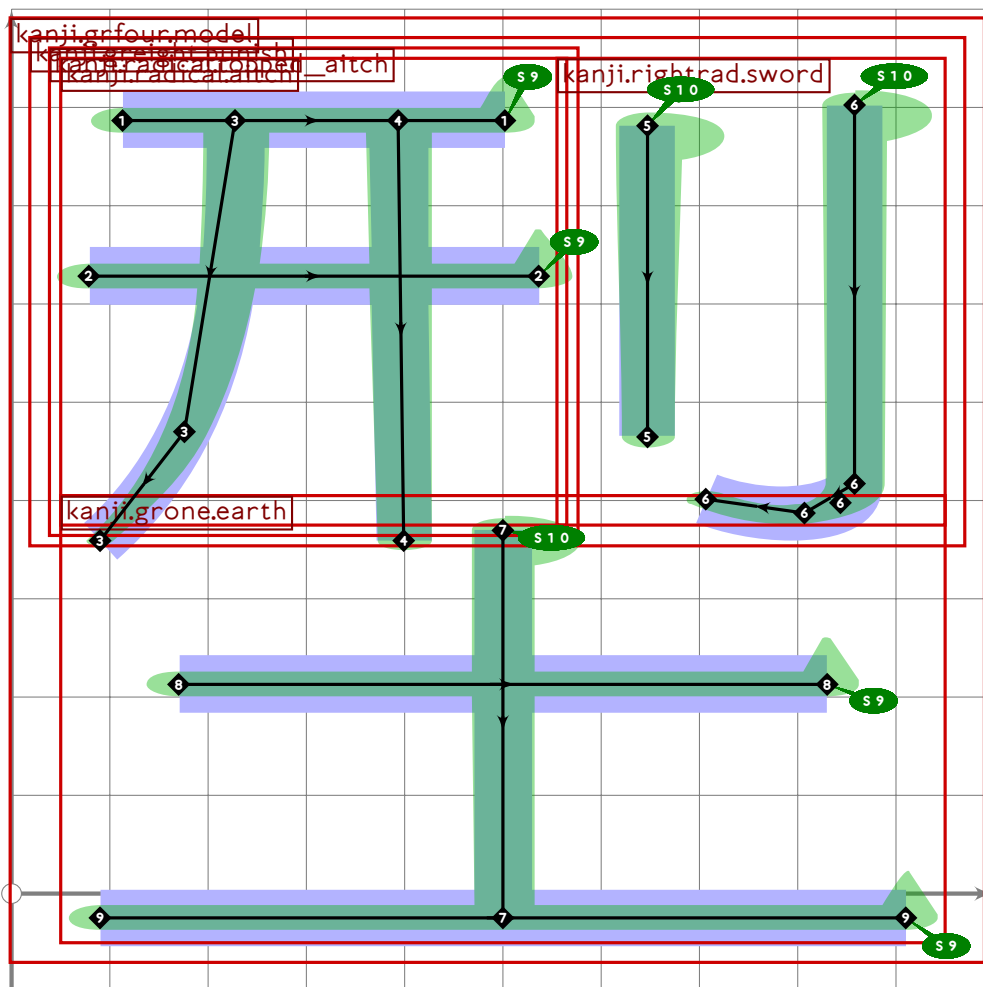
```



```

71
72 vardef kanji.grthree.slope =
73   push_pbox_toexpand("kanji.grthree.slope");
74   build_kanji.level(build_kanji.lr(370,0)
75     (kanji.leftrad.earth)
76     (kanji.grthree.anti));
77   expand_pbox;
78 enddef;
79
80

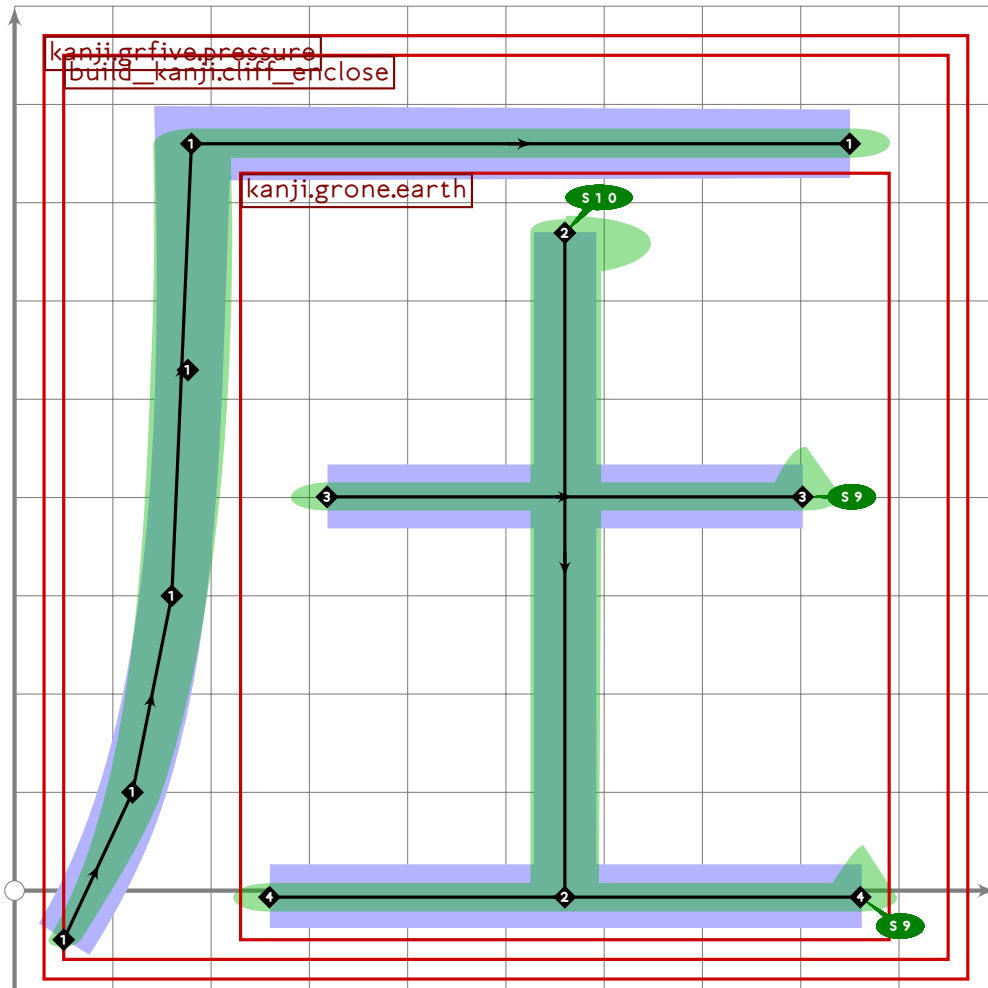
```



```

81
82 vardef kanji.grfour.model =
83   push_pbox_toexpand("kanji.grfour.model");
84   build_kanji.level(build_kanji.tb(390,30)
85     (kanji.greight.punish)
86     (kanji.grone.earth));
87   expand_pbox;
88 enddef;
89
90

```



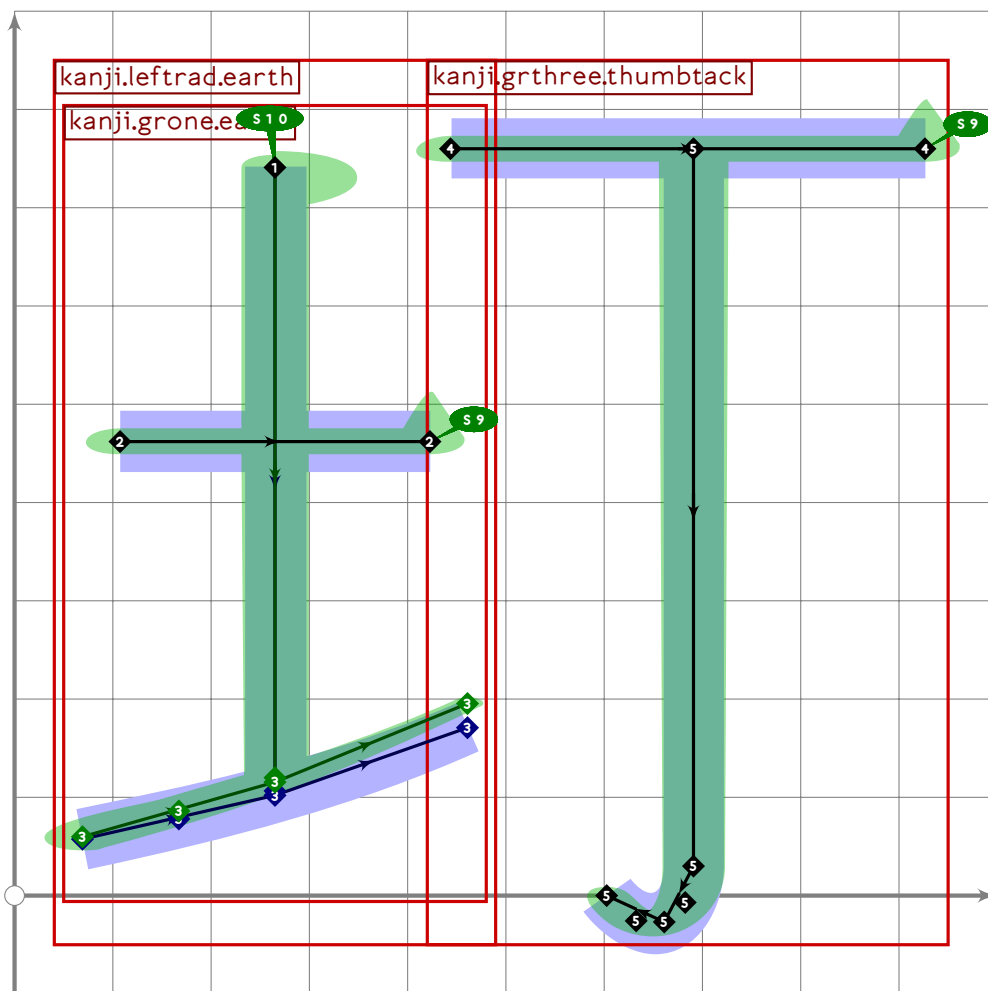
```

91
92 vardef kanji.grfive.pressure =
93   push_pbox_toexpand("kanji.grfive.pressure");
94   build_kanji.cliff_enclose(kanji.grone.earth);
95   expand_pbox;
96 enddef;
97
98
99
100 % en/zono "garden"
101 begintsuglyph("uni5712";18);
102   kanji.grtwo.garden;
103   tsu_render;
104 endtsuglyph;
105
106 % tsuchi/do "earth"
107 begintsuglyph("uni571F";31);
108   kanji.grone.earth;
109   tsu_render;
110 endtsuglyph;
111

```

[see page 1985]

[see page 430]



```

112 % extra
113 begintsuglyph("uni5722",34);
114   build_kanji.level(build_kanji.lr(450,60)
115     (kanji.leftrad.earth)
116     (kanji.grthree.thumbtack));
117   tsu_render;
118 endtsuglyph;
119
120 % extra: "sacred"
121 begintsuglyph("uni5723",35);
122   kanji.rare.sacred;
123   tsu_render;
124 endtsuglyph;
125
126 % extra: "mushroom"
127 begintsuglyph("uni5725",37);
128   kanji.rare.mushroom;
129   tsu_render;
130 endtsuglyph;
131
132 % atsu/o "pressure"

```

[see page 849]

[see page 840]


```

133 begintsuglyph("uni5727";39);
134   kanji.grfive.pressure;
135   tsu_render;
136 endtsuglyph;
137
138 % kei/ka "square jewel"
139 begintsuglyph("uni572D";45);
140   kanji.grnine.square_jewel;
141   tsu_render;
142 endtsuglyph;
143
144 % chi/ji "ground"
145 begintsuglyph("uni5730";48);
146   kanji.grtwo.ground;
147   tsu_render;
148 endtsuglyph;
149
150 % han/saka "slope"
151 begintsuglyph("uni5742";66);
152   kanji.grthree.slope;
153   tsu_render;
154 endtsuglyph;
155

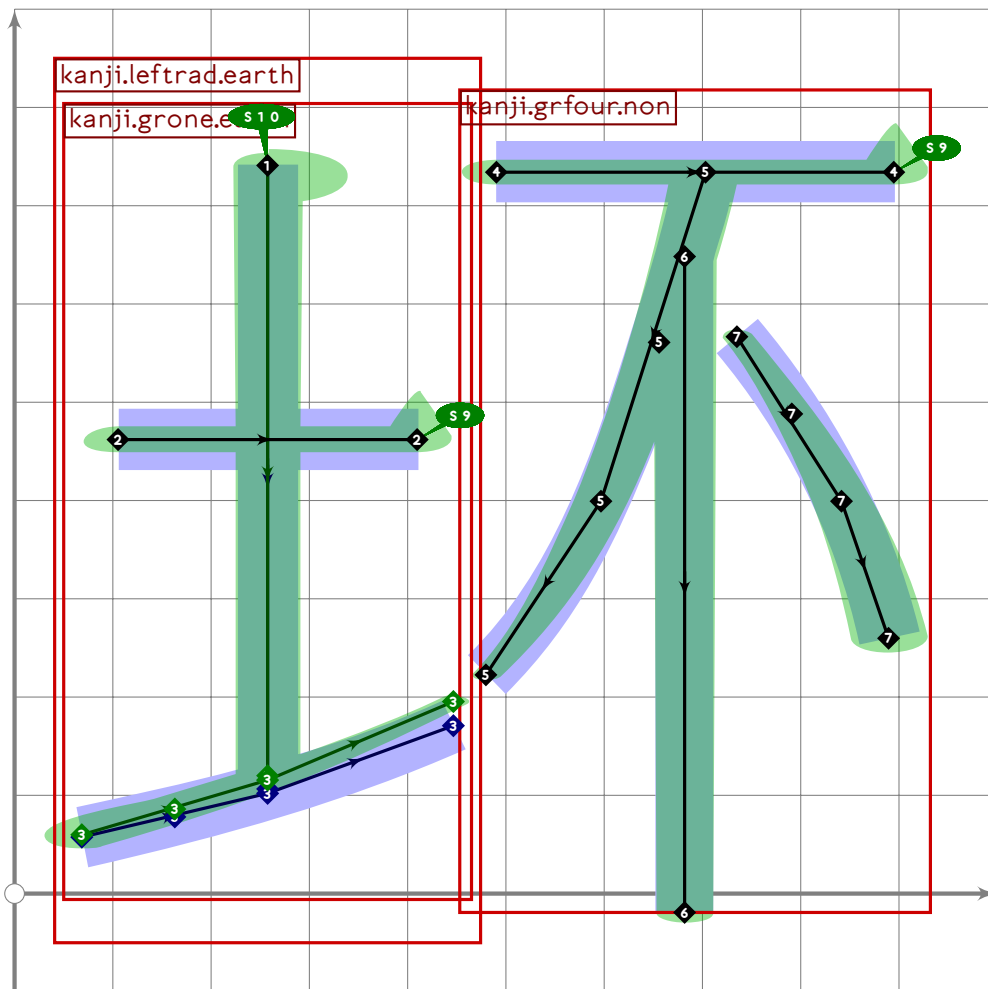
```

[see page 1989]

[see page 801]

[see page 1986]

[see page 1987]



```

156 % extra: hai/tsuki "bowl"
157 begintsuglyph("uni574F";79);
158   build_kanji.level(build_kanji.lr(450,30)
159     (kanji.leftrad.earth)
160     (build_kanji.sscale(scaled 0.93)(kanji.grfour.non)));
161   tsu_render;
162 endtsuglyph;
163
164 % extra: "clod of earth"
165 begintsuglyph("uni5774";116);
166   kanji.rare.clod_of_earth;
167   tsu_render;
168 endtsuglyph;
169
170 % kei/kata "model"
171 begintsuglyph("uni578B";139);
172   kanji.grfour.model;
173   tsu_render;
174 endtsuglyph;
175
176 % gei/u "art"

```

[see page 819]

[see page 1988]

177 begintsuglyph("uni57F6";246);

[see page 809]

178 kanji.rare.art;

179 tsu_render;

180 endtsuglyph;

181

182

183

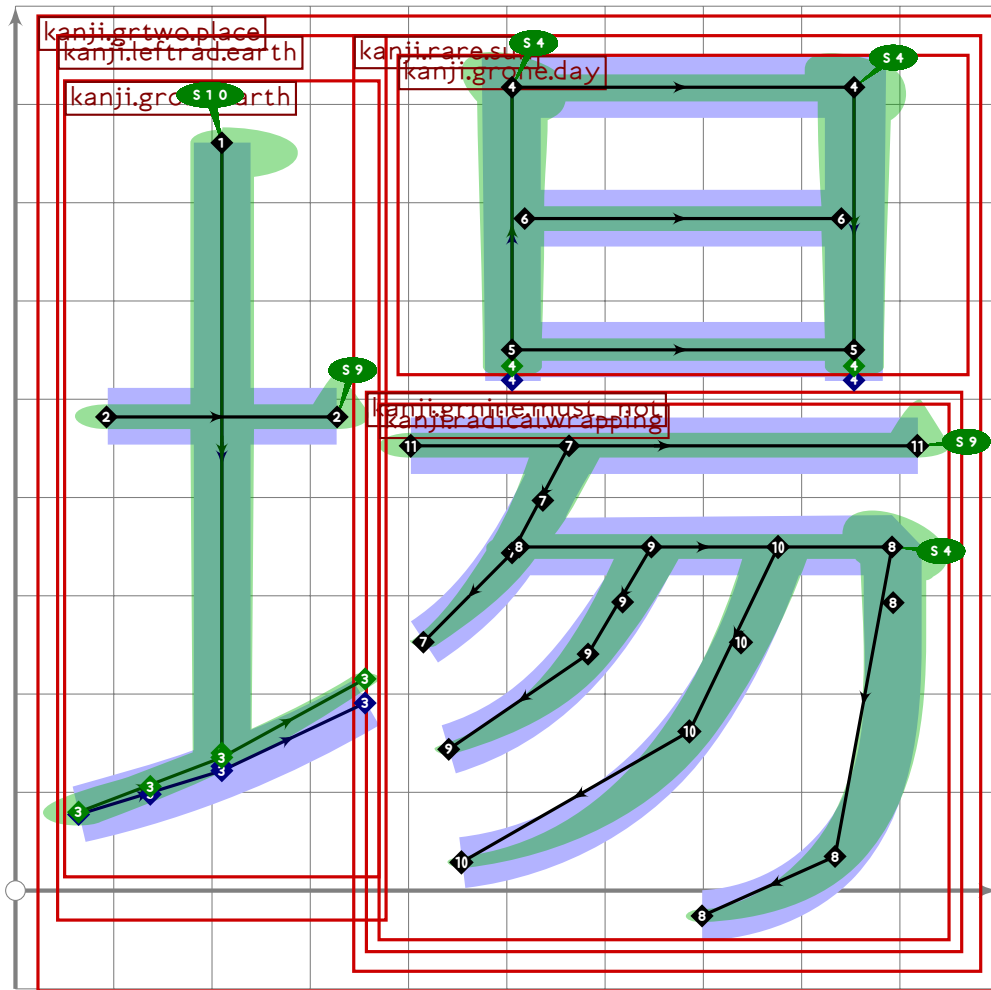
184 endfont;

185

186

tsuku-58.mp

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

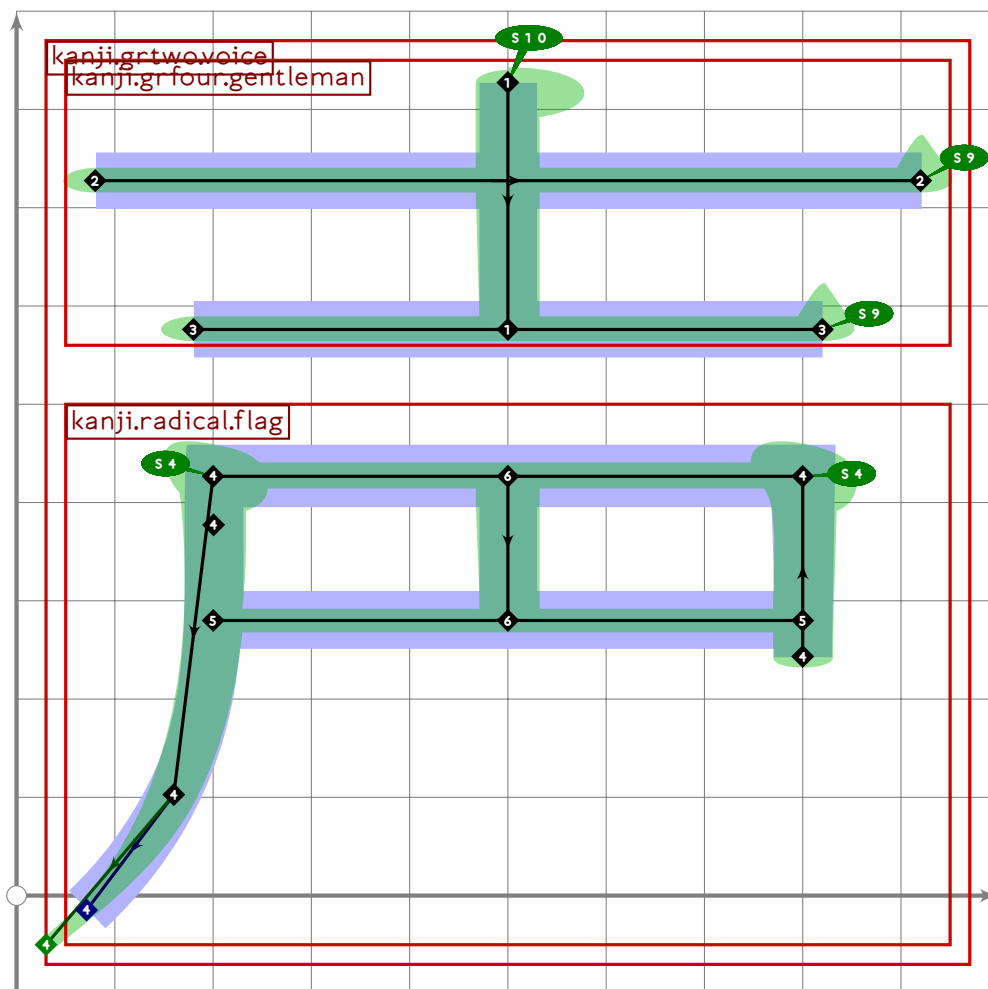


```

52
53 vardef kanji.grtwo.place =
54   push_pbox_toexpand("kanji.grtwo.place");
55   build_kanji.level(build_kanji.lr(370,0)
56     (tsu_xform(identity shifted (0,20))(kanji.leftrad.earth))
57     (kanji.rare.sun));
58   expand_pbox;
59 enddef;

```

U+58F0
tsuku.uni58F0

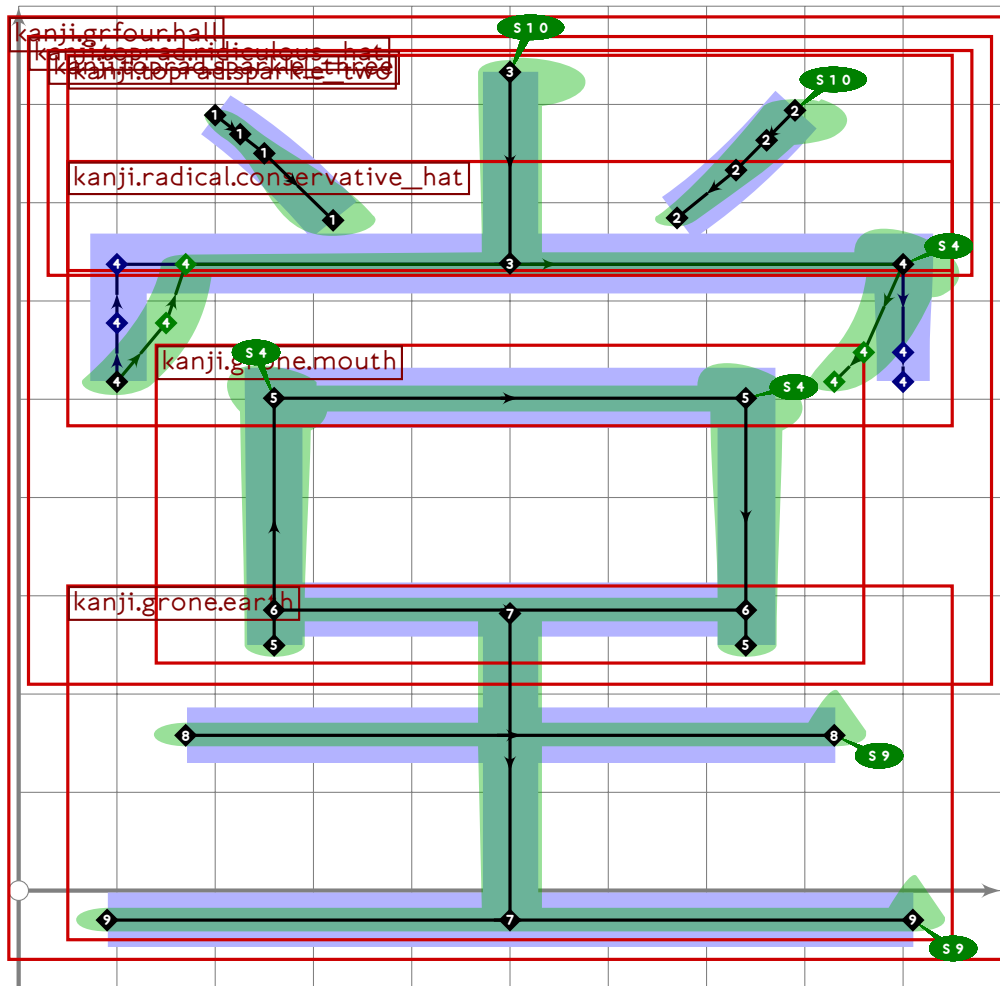


58

```

60
61 vardef kanji.grtwo.voice =
62   push_pbox_toexpand("kanji.grtwo.voice");
63   build_kanji.tb(530,-60)
64   (kanji.grfour.gentleman)
65   (kanji.radical.flag;
66     push_stroke((500,730)-(500,490),(1.5,1.5)-(14,14)));
67   expand_pbox;
68 enddef;
69
70

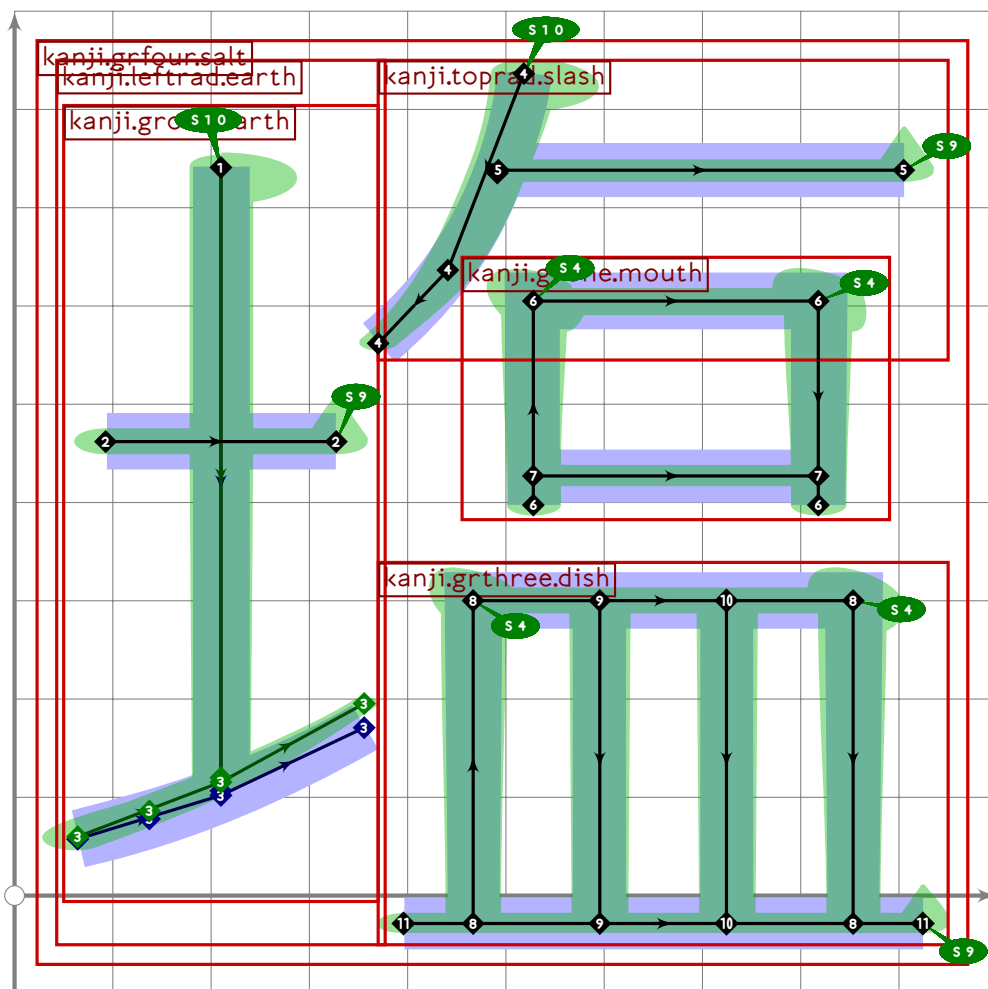
```



```

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

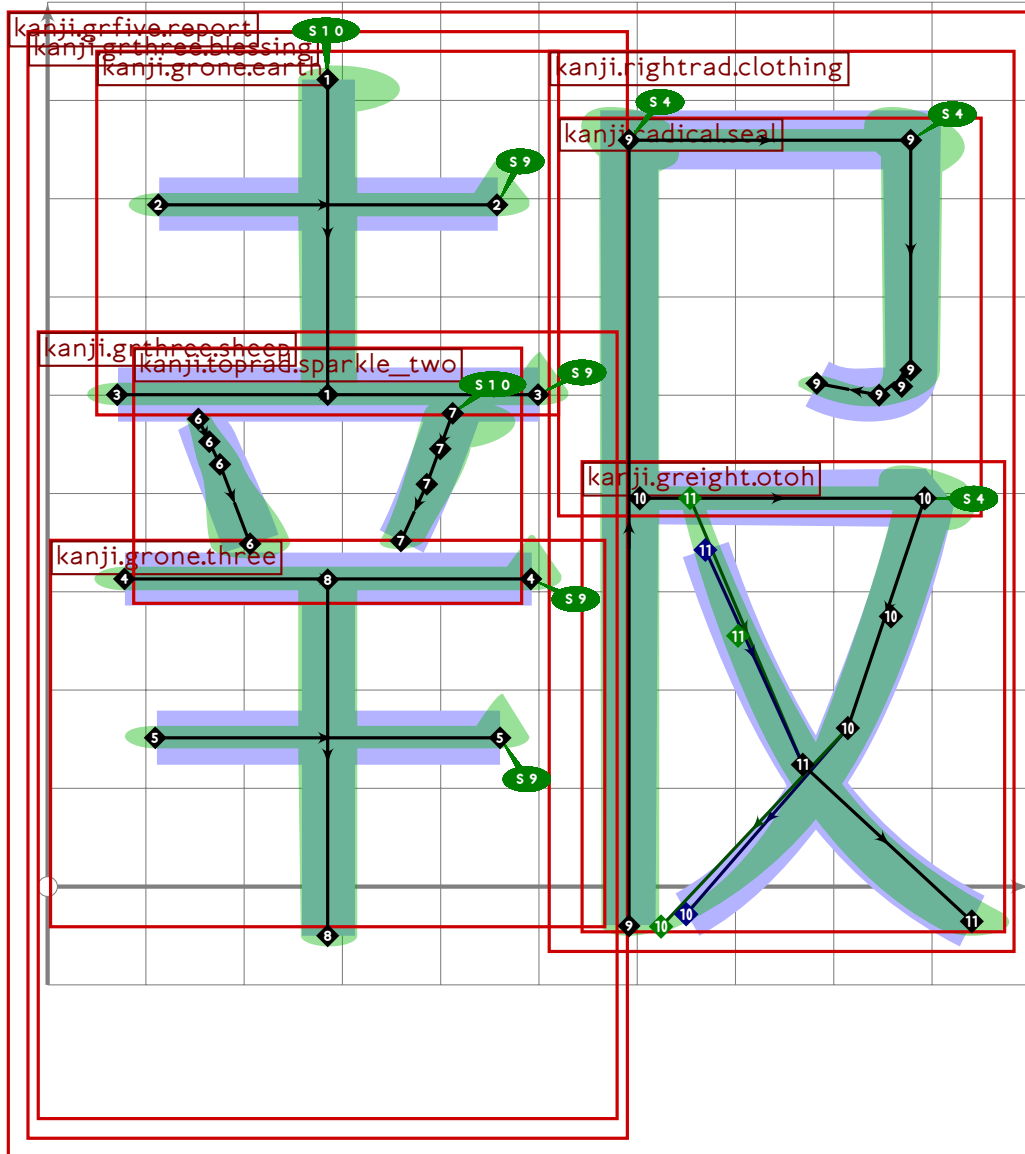
```



```

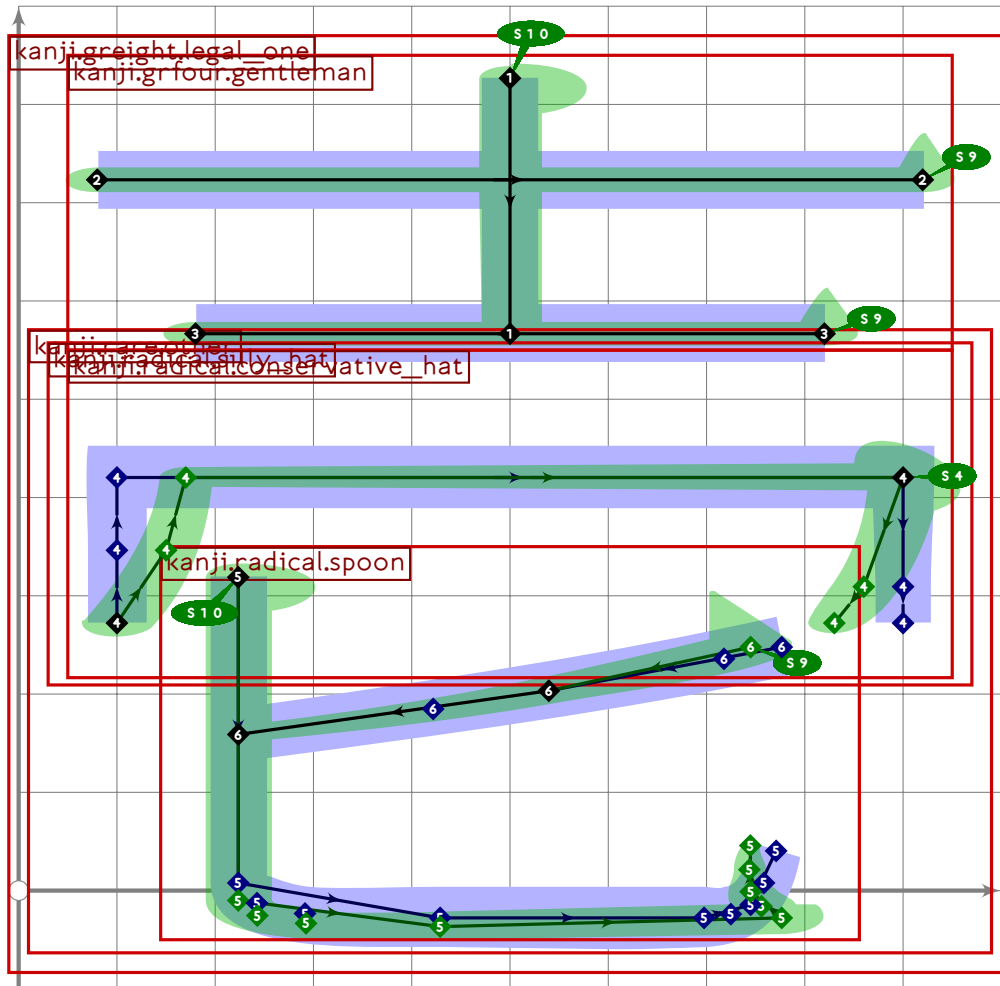
80
81 vardef kanji.grfour.salt =
82   push_pbox_toexpand("kanji.grfour.salt");
83   build_kanji.lr(370,0)
84     (kanji.leftrad.earth)
85     (build_kanji.level(build_kanji.tb(620,150)
86       (kanji.toprad.slash)
87       (build_kanji.tb(420,0)
88         (build_kanji.scale(scaled 0.75 shifted (20,0))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

```

```

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



```

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

```

[see page 1997]

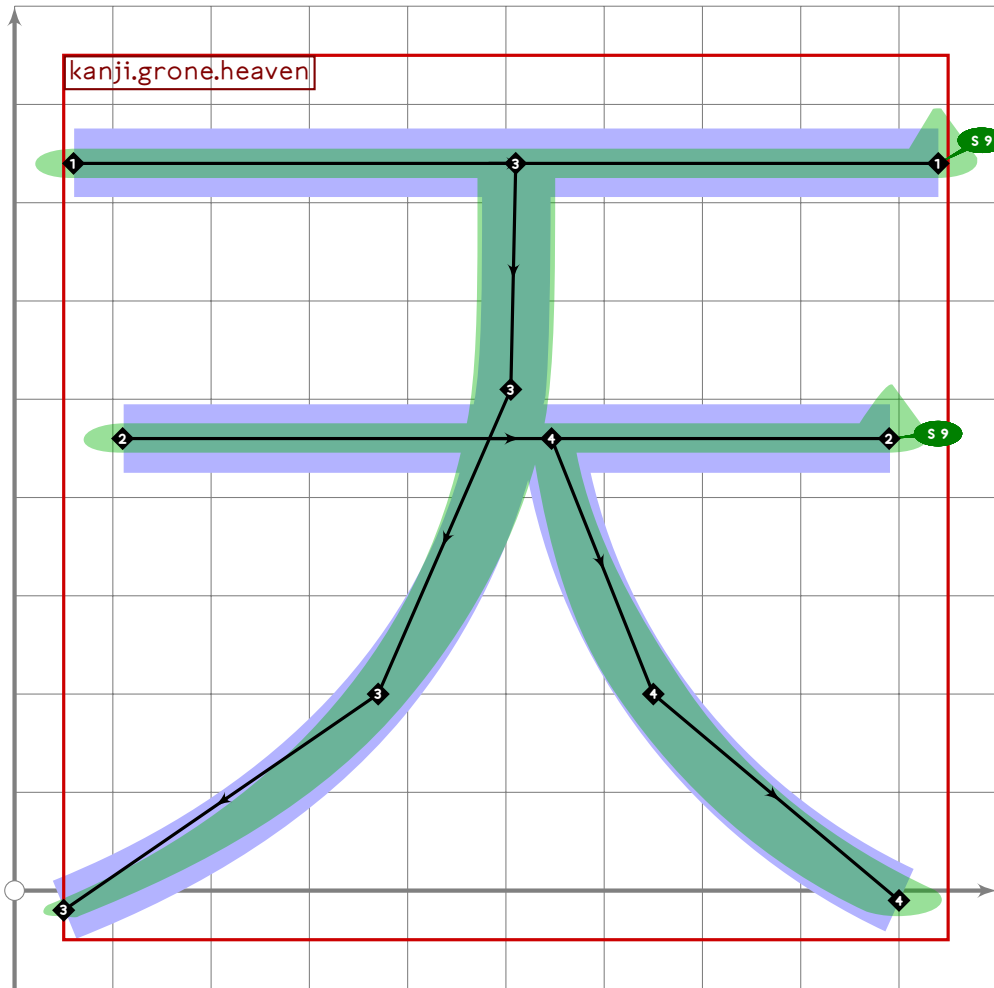
[see page 1999]

126	tsu_render;	
127	endtsuglyph;	
128		
129	% shou/ba "place"	
130	begintsuglyph("uni5834";52);	[see page 1995]
131	kanji.grtwo.place;	
132	tsu_render;	
133	endtsuglyph;	
134		
135	% en/shio "salt"	
136	begintsuglyph("uni5869";105);	[see page 1998]
137	kanji.grfour.salt;	
138	tsu_render;	
139	endtsuglyph;	
140		
141	% shi "gentleman" ("samurai" radical)	
142	begintsuglyph("uni58EB";235);	[see page 619]
143	kanji.grfour.gentleman;	
144	tsu_render;	
145	endtsuglyph;	
146		
147	% jin/mizunoe "ninth"	
148	begintsuglyph("uni58EC";236);	[see page 794]
149	kanji.grnine.ninth;	
150	tsu_render;	
151	endtsuglyph;	
152		
153	% ichi/hitotsu "one" (formal, also first musical scale degree)	
154	begintsuglyph("uni58F1";241);	[see page 2000]
155	kanji.greight.legal_one;	
156	tsu_render;	
157	endtsuglyph;	
158		
159	% sei/koe "voice"	
160	begintsuglyph("uni58F0";240);	[see page 1996]
161	kanji.grtwo.voice;	
162	tsu_render;	
163	endtsuglyph;	
164		
165	% bai/u "sell"	
166	begintsuglyph("uni58F2";242);	[see page 543]
167	kanji.grtwo.sell;	
168	tsu_render;	
169	endtsuglyph;	
170		
171	% needed for grfour.pleasure	
172	begintsuglyph("uni58F4";244);	[see page 730]
173	kanji.toprad.pleasure;	

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

tsuku-59.mp

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

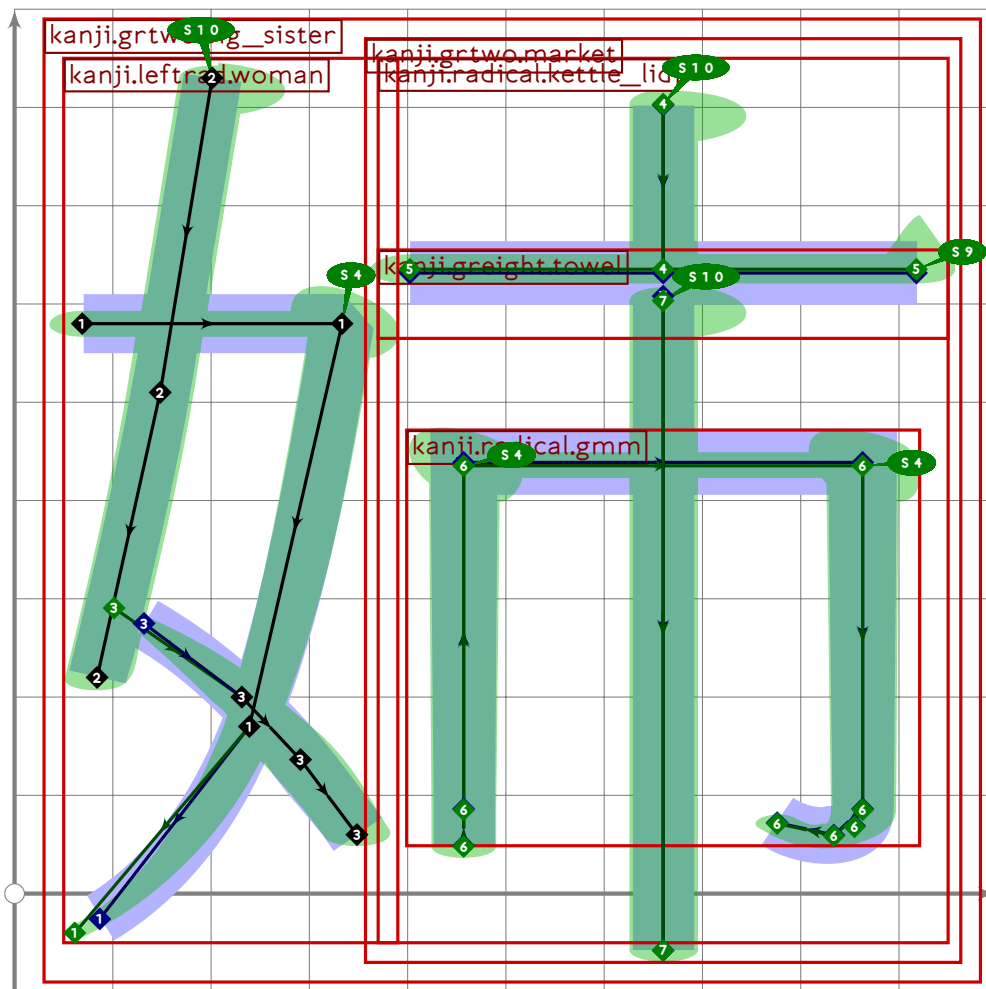


59

```

52
53 vardef kanji.grone.heaven =
54   push_pbox__toexpand("kanji.grone.heaven");
55   push_stroke((60,740)-(940,740),(1.6,1.6)-(1.6,1.6));
56   set_boserif(0,1,9);
57   push_stroke((110,460)-(890,460),(1.6,1.6)-(1.6,1.6));
58   set_boserif(0,1,9);
59   push_stroke((510,740){down}..(505,510)..(370,200)..{curl 0.5}(50,-20),
60     (1.6,1.6)-(1.6,1.6)-(14,14)-(11,11));
61   push_stroke(((get_stroke(-1) intersectionpoint get_stroke(0))+(50,0))..
62     (650,200)..(900,-10),
63     (1,1,1)-(1.5,1.5)-(1.7,1.7));
64   expand_pbox;
65 enddef;
66
67

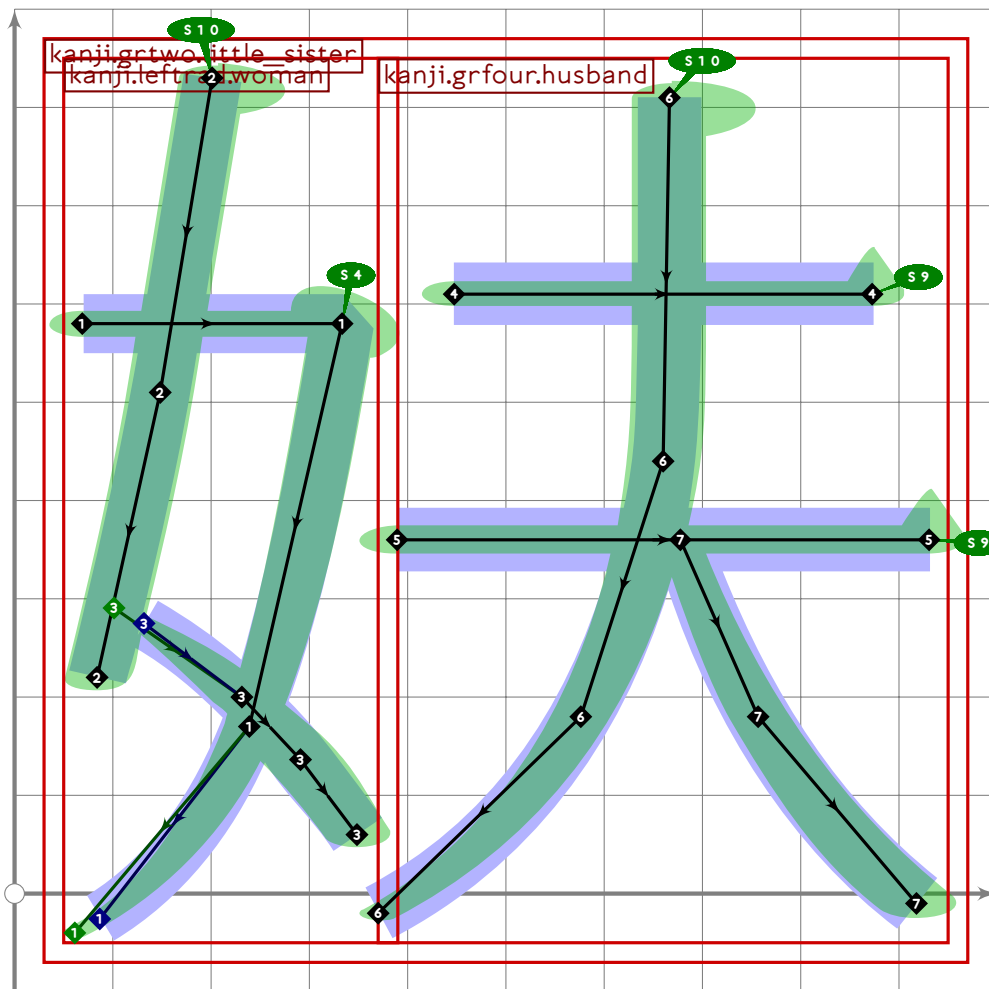
```



```

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

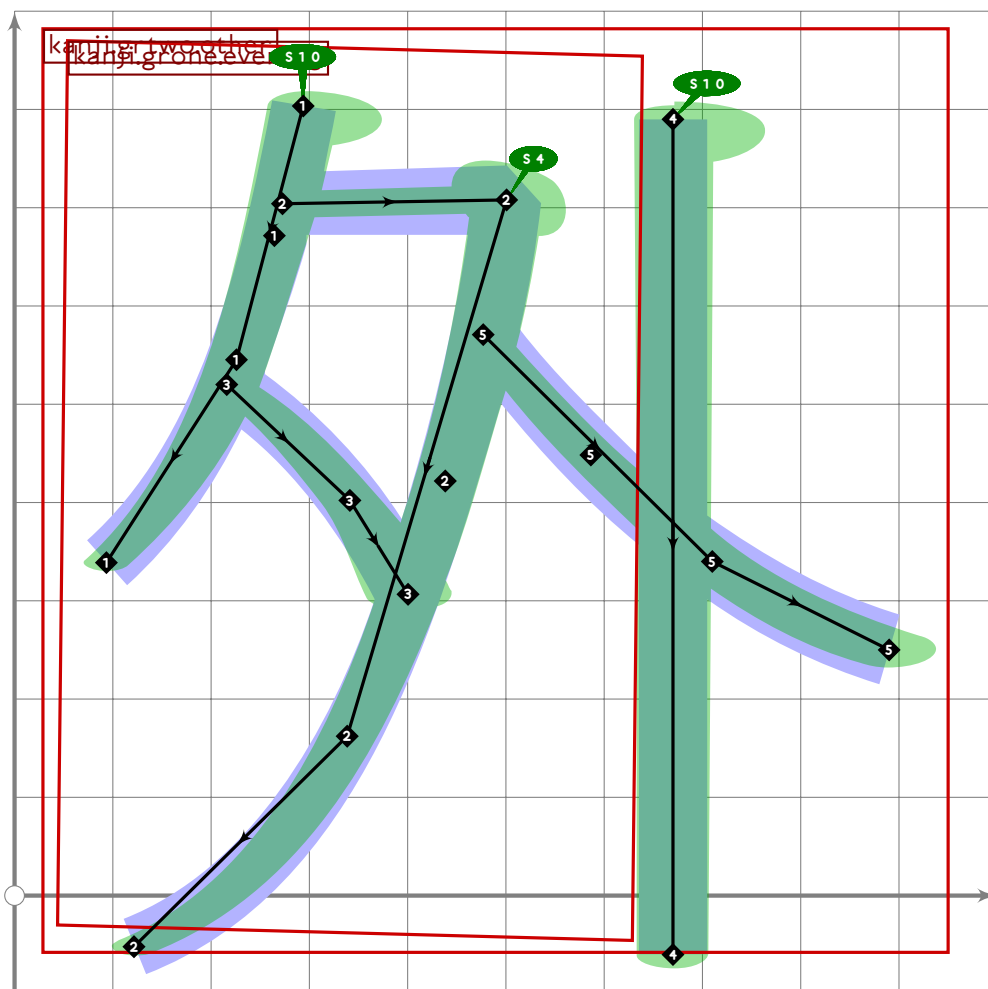
```



```

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

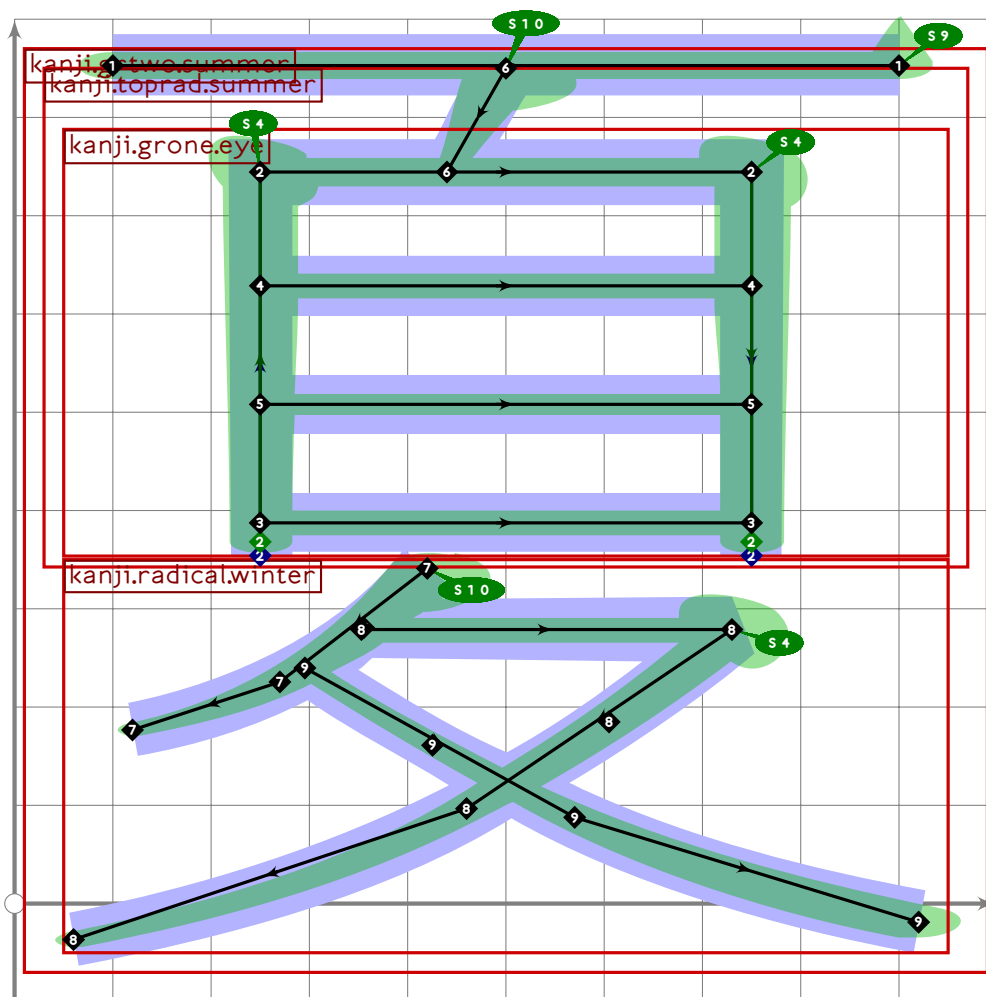
```

```

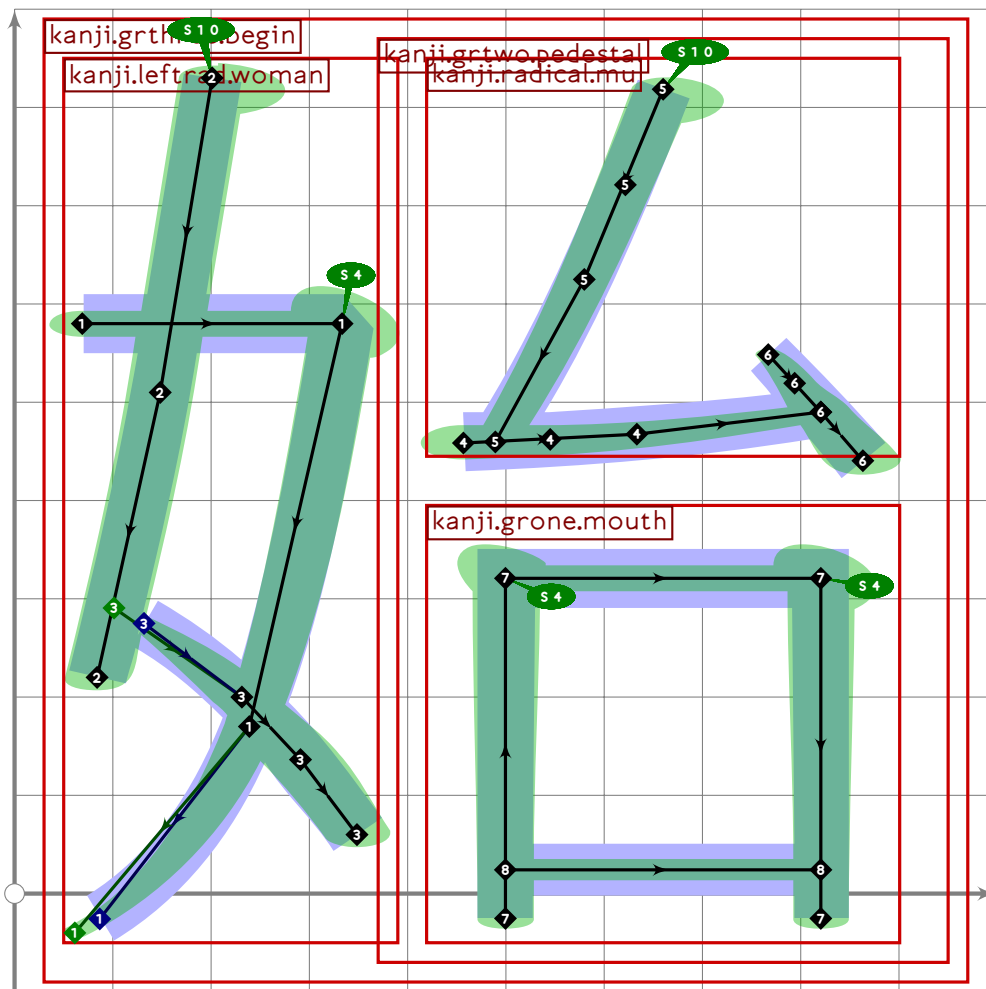
84
85 vardef kanji.grtwo.other =
86   push_pbox__toexpand("kanji.grtwo.other");
87   tsu_xform(identity shifted (-50,-500) rotated -1 xscaled 0.65
88     shifted (50,520))
89     (kanji.grone.evening);
90   push_stroke((670,790)..(670,-60),
91     (1.6,1.6)-(1.5,1.5));
92   set_boserif(0,0,10);
93   push_stroke(
94     (point 1.25 of get_stroke(-2))..tension 1.2..(710,340)..(890,250),
95     (1.1,1.1)-(1.5,1.5)-(1.8,1.8));
96   expand_pbox;
97 enddef;

```



```

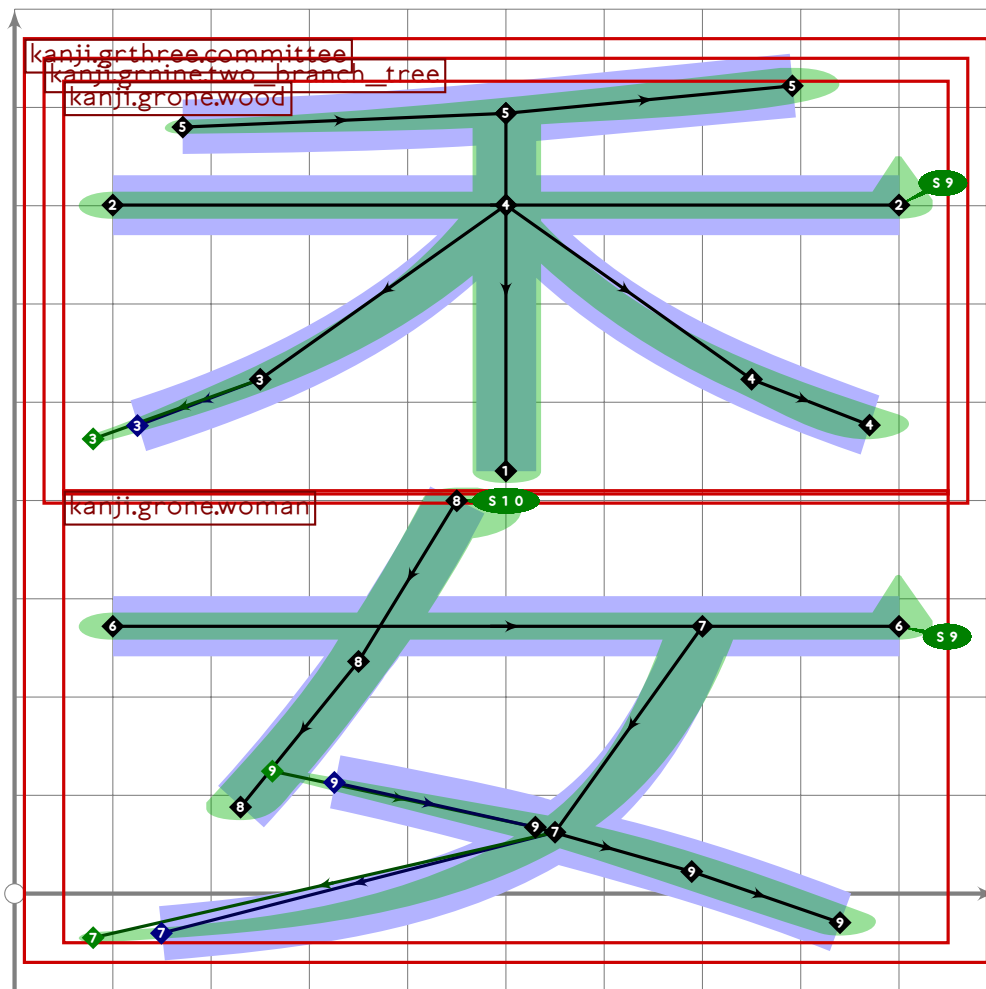
98
99 vardef kanji.grtwo.summer =
100   push_pbox_toexpand("kanji.grtwo.summer");
101   build_kanji.level(build_kanji.tb(350,0)
102     (kanji.toprad.summer)
103     (kanji.radical.winter));
104   expand_pbox;
105 enddef;
106
107
```



```

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

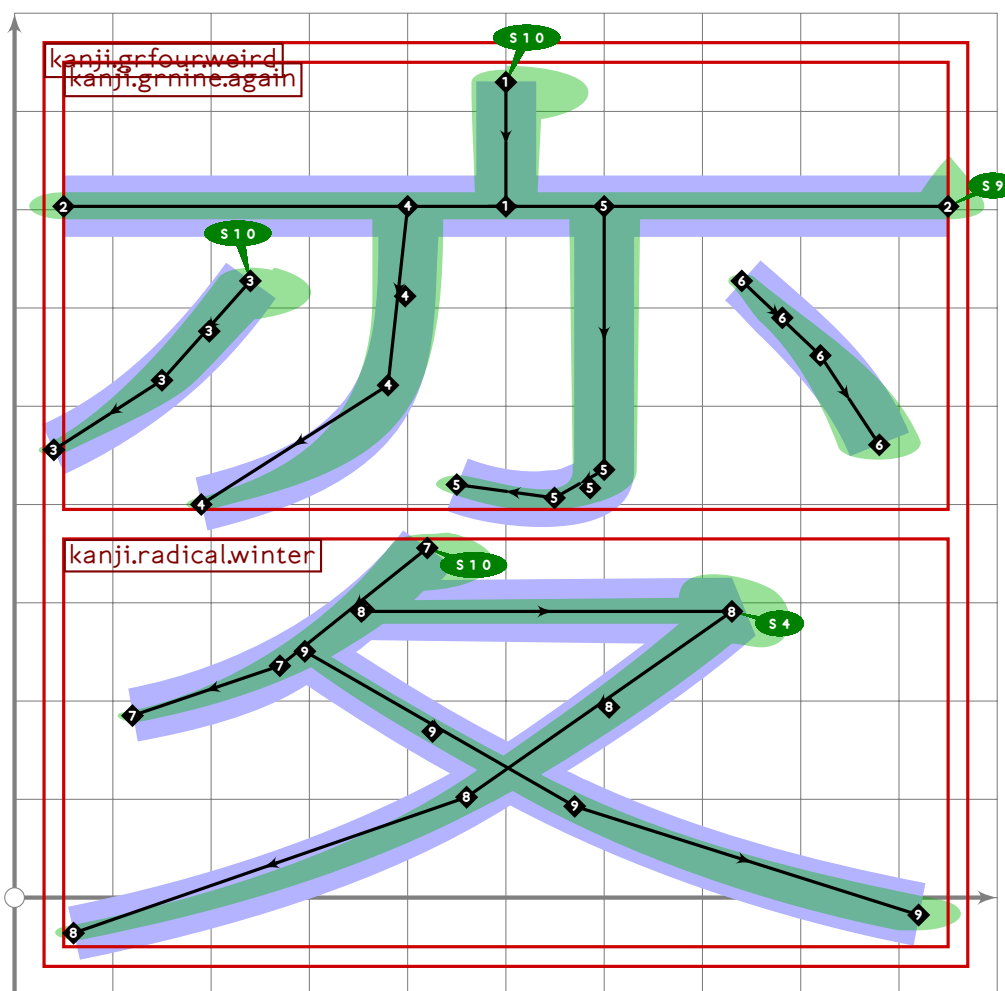
```



```

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

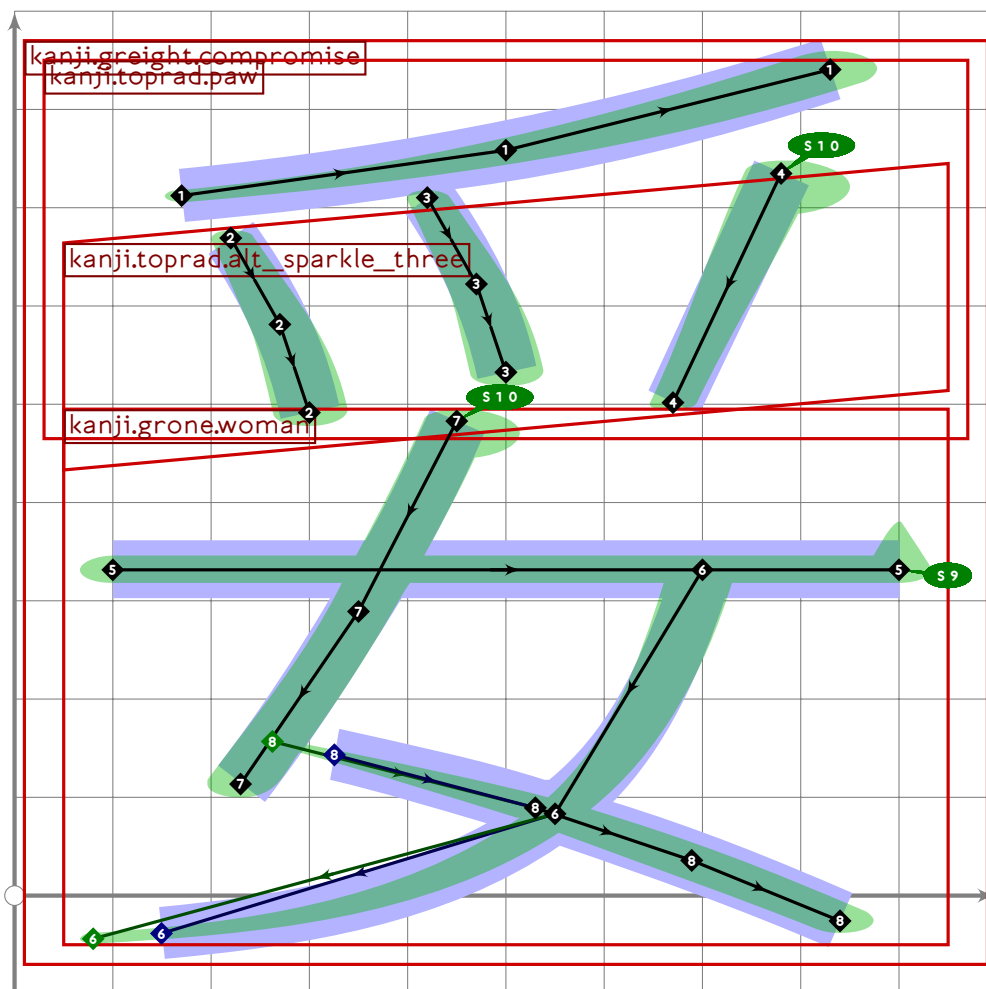
```



```

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

```



```

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

```

[see page 720]

[see page 2011]

157 endtsuglyph;	
158	
159 % ka/natsu "summer"	
160 begintsuglyph("uni590F";15);	[see page 2008]
161 kanji.grtwo.summer;	
162 tsu_render;	
163 endtsuglyph;	
164	
165 % yuu/seki "evening"	
166 begintsuglyph("uni5915";21);	[see page 432]
167 kanji.grone.evening;	
168 tsu_render;	
169 endtsuglyph;	
170	
171 % gai/hoka "except"	
172 begintsuglyph("uni5916";22);	[see page 2007]
173 kanji.grtwo.other;	
174 tsu_render;	
175 endtsuglyph;	
176	
177 % ta/oo "many"	
178 begintsuglyph("uni591A";26);	[see page 520]
179 kanji.grtwo.many;	
180 tsu_render;	
181 endtsuglyph;	
182	
183 % ya/yoru "evening"	
184 begintsuglyph("uni591C";28);	[see page 498]
185 kanji.grtwo.evening;	
186 tsu_render;	
187 endtsuglyph;	
188	
189 % dai/oo "big"	
190 begintsuglyph("uni5927";39);	[see page 418]
191 kanji.grone.big;	
192 tsu_render;	
193 endtsuglyph;	
194	
195 % ten "heaven"	
196 begintsuglyph("uni5929";41);	[see page 2004]
197 kanji.grone.heaven;	
198 tsu_render;	
199 endtsuglyph;	
200	
201 % tai/futo "thick"	
202 begintsuglyph("uni592A";42);	[see page 548]
203 kanji.grtwo.thick;	
204 tsu_render;	

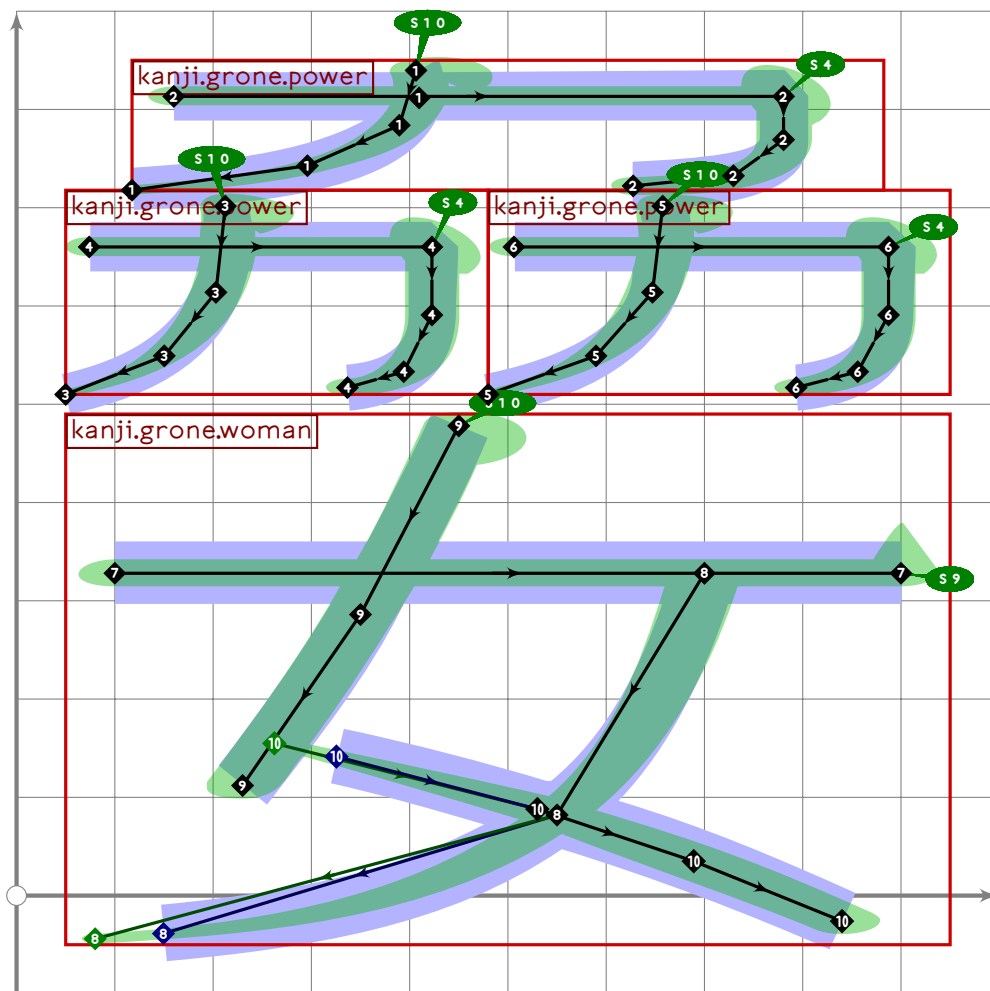
```

205 endtsuglyph;
206
207 % fu/otto "husband"
208 begintsuglyph("uni592B";43); [see page 624]
209   kanji.grfour.husband;
210   tsu_render;
211 endtsuglyph;
212
213 % rare, but needed to build more common glyphs
214 begintsuglyph("uni592C";44); [see page 821]
215   kanji.rare.decide;
216   tsu_render;
217 endtsuglyph;
218
219 % rare, but needed to build more common glyphs
220 begintsuglyph("uni592D";45); [see page 827]
221   kanji.rare.early_death;
222   tsu_render;
223 endtsuglyph;
224
225 % ou "centre"
226 begintsuglyph("uni592E";46); [see page 563]
227   kanji.grthree.centre;
228   tsu_render;
229 endtsuglyph;
230
231 % shitsu/ushina "disappear"
232 begintsuglyph("uni5931";49); [see page 613]
233   kanji.grfour.disappear;
234   tsu_render;
235 endtsuglyph;
236
237 % en/oo "suffocate"
238 begintsuglyph("uni5944";68); [see page 802]
239   kanji.grnine.suffocate;
240   tsu_render;
241 endtsuglyph;
242
243 % ki/ku "strange"
244 begintsuglyph("uni5947";71); [see page 773]
245   kanji.greight.strange;
246   tsu_render;
247 endtsuglyph;
248
249 % jo/onna "woman"
250 begintsuglyph("uni5973";115); [see page 481]
251   kanji.grone.woman;
252   tsu_render;

```


253 endtsuglyph;
 254
 255 % me/yatsu "guy"
 256 begintsuglyph("uni5974";116); [see page 752]
 257 kanji.greight.guy;
 258 tsu_render;
 259 endtsuglyph;
 260
 261 % kou/su "fancy" (British sense)
 262 begintsuglyph("uni597D";125); [see page 617]
 263 kanji.grfour.fancy;
 264 tsu_render;
 265 endtsuglyph;
 266
 267 % da/yasu "compromise"
 268 begintsuglyph("uni59A5";165); [see page 2012]
 269 kanji.greight.compromise;
 270 tsu_render;
 271 endtsuglyph;
 272
 273 % mai/imouto "younger sister"
 274 begintsuglyph("uni59B9";185); [see page 2006]
 275 kanji.grtwo.little_sister;
 276 tsu_render;
 277 endtsuglyph;
 278
 279 % nee as in oneesan "elder sister"
 280 begintsuglyph("uni59C9";201); [see page 2005]
 281 kanji.grtwo.big_sister;
 282 tsu_render;
 283 endtsuglyph;
 284
 285 % shi/haji "begin"
 286 begintsuglyph("uni59CB";203); [see page 2009]
 287 kanji.grthree.begin;
 288 tsu_render;
 289 endtsuglyph;
 290
 291 % i/yuda "committee"
 292 begintsuglyph("uni59D4";212); [see page 2010]
 293 kanji.grthree.committee;
 294 tsu_render;
 295 endtsuglyph;
 296

U+59ED
tsuku.uni59ED



59

```

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

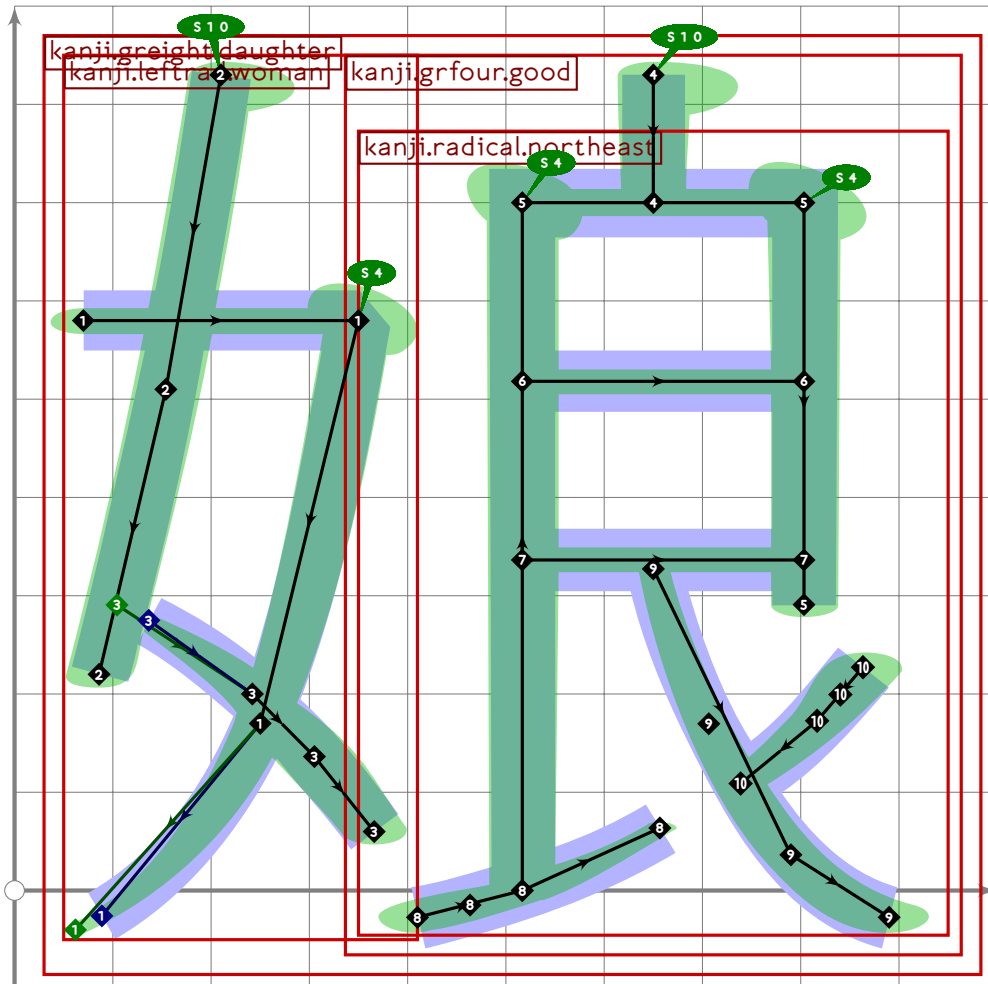
```

tsuku-5a.mp

```

1 %
2 % Unicode page 5A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradefour.mp;
38 input leftrad.mp;
39 input radical.mp;
40
41 do_late_includes;
42
43

```



5A

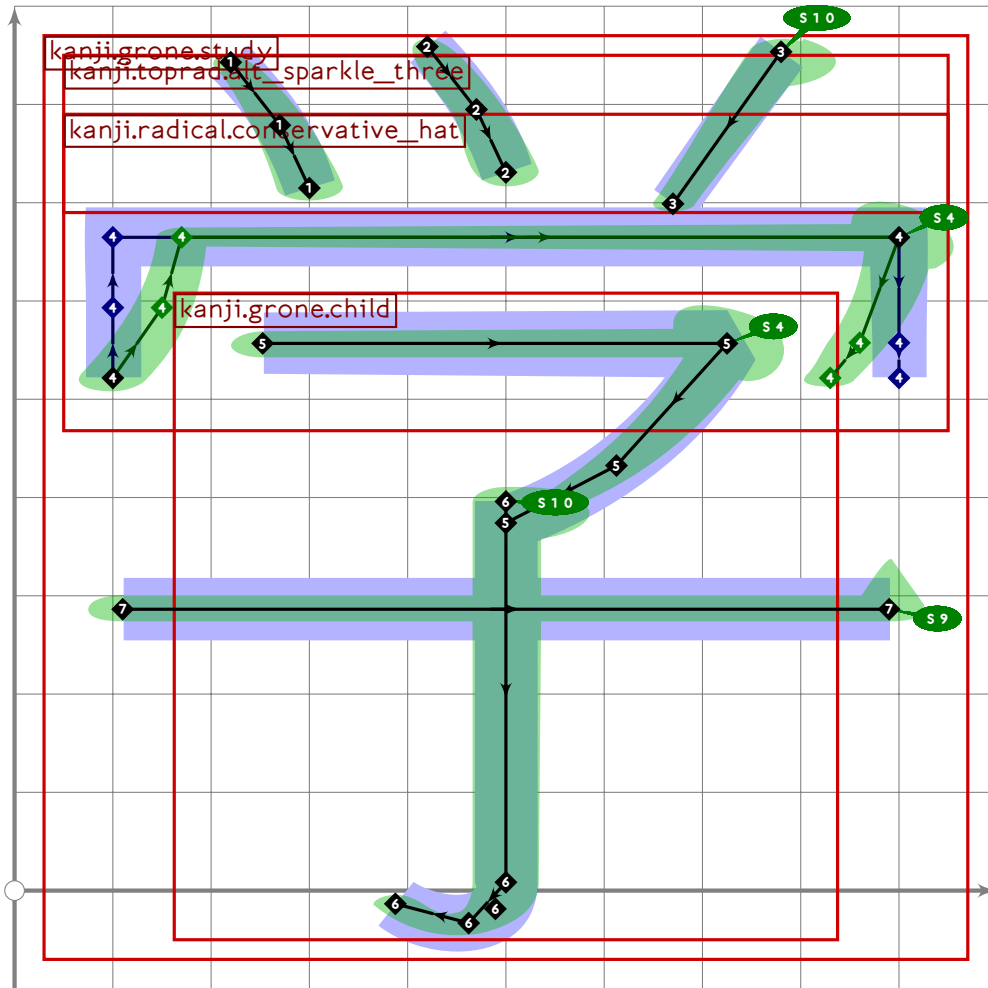
```

44
45 vardef kanji.greight.daughter =
46   push_pbox_toexpand("kanji.greight.daughter");
47   build_kanji.lr(380,60)
48     (kanji.leftrad.woman)
49     (kanji.grfour.good);
50   expand_pbox;
51 enddef;
52
53 _____
54
55 % chi/shuu "winter radical"
56 begintsuglyph("uni5A18",24); [see page 2018]
57   kanji.greight.daughter;
58   tsu_render;
59 endtsuglyph;
60
61 _____
62
63 endfont;
64
65 _____

```

tsuku-5b.mp

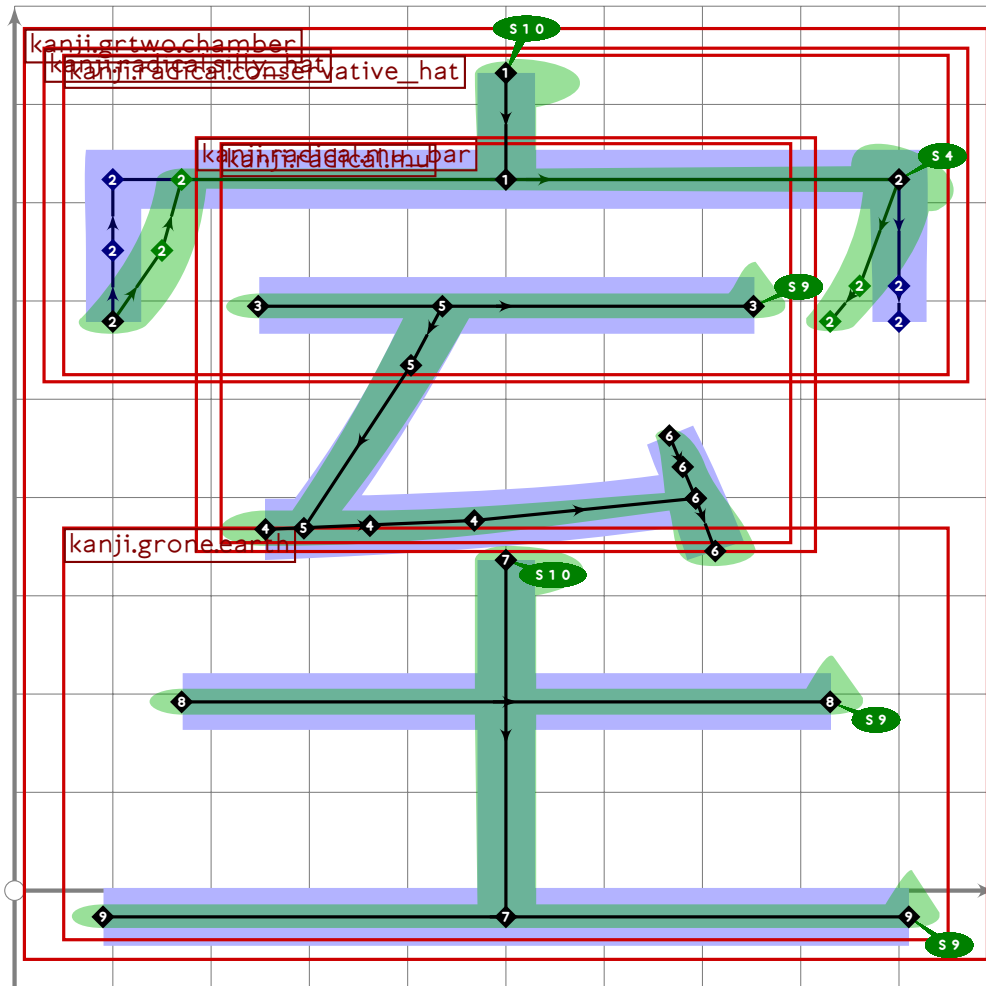
```
1 %
2 % Unicode page 5B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input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



```

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

```

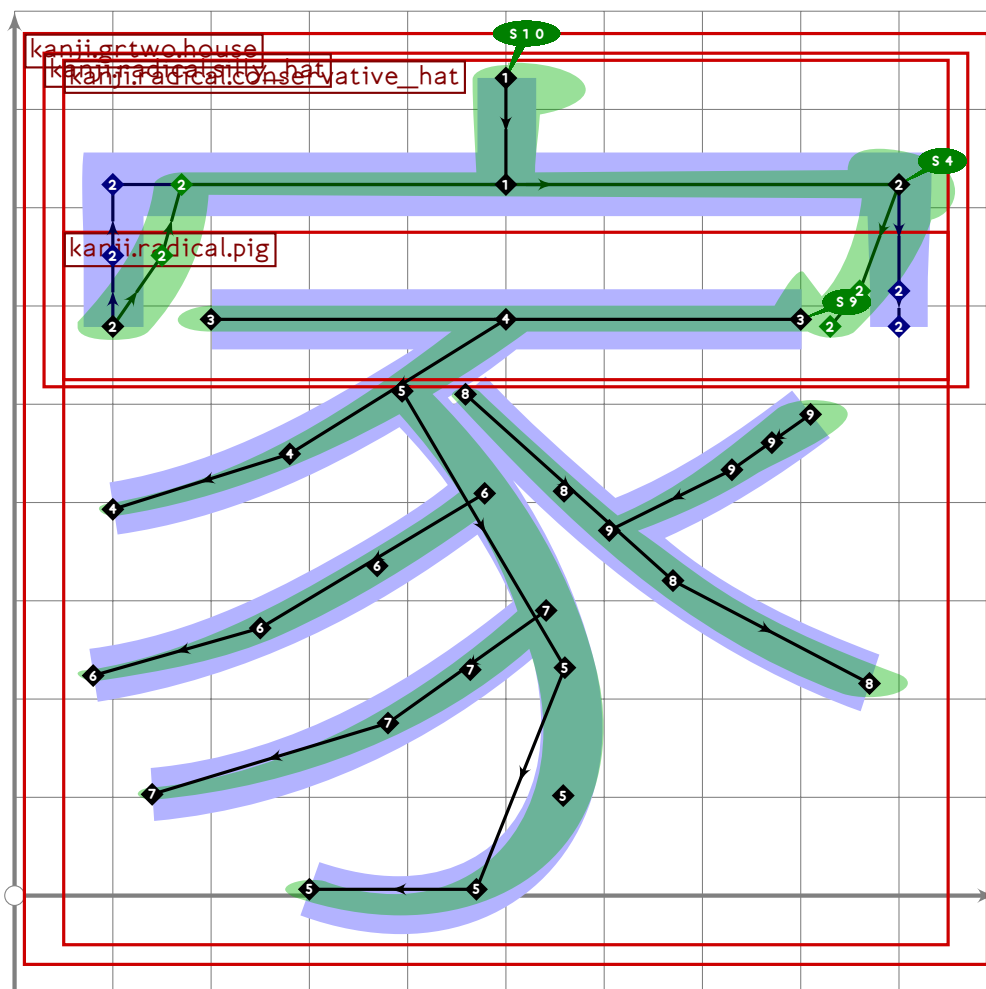


```

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

```

U+5BB6
tsuku.uni5BB6

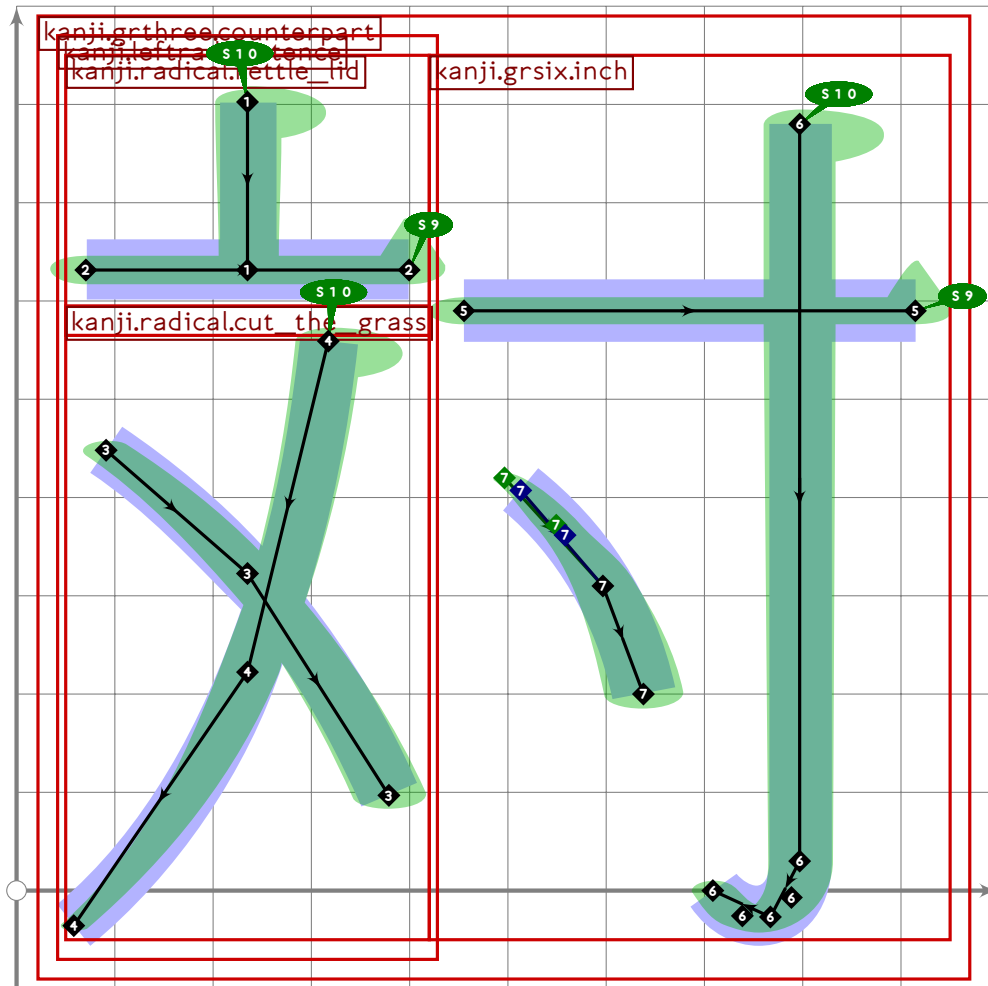


```

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

```

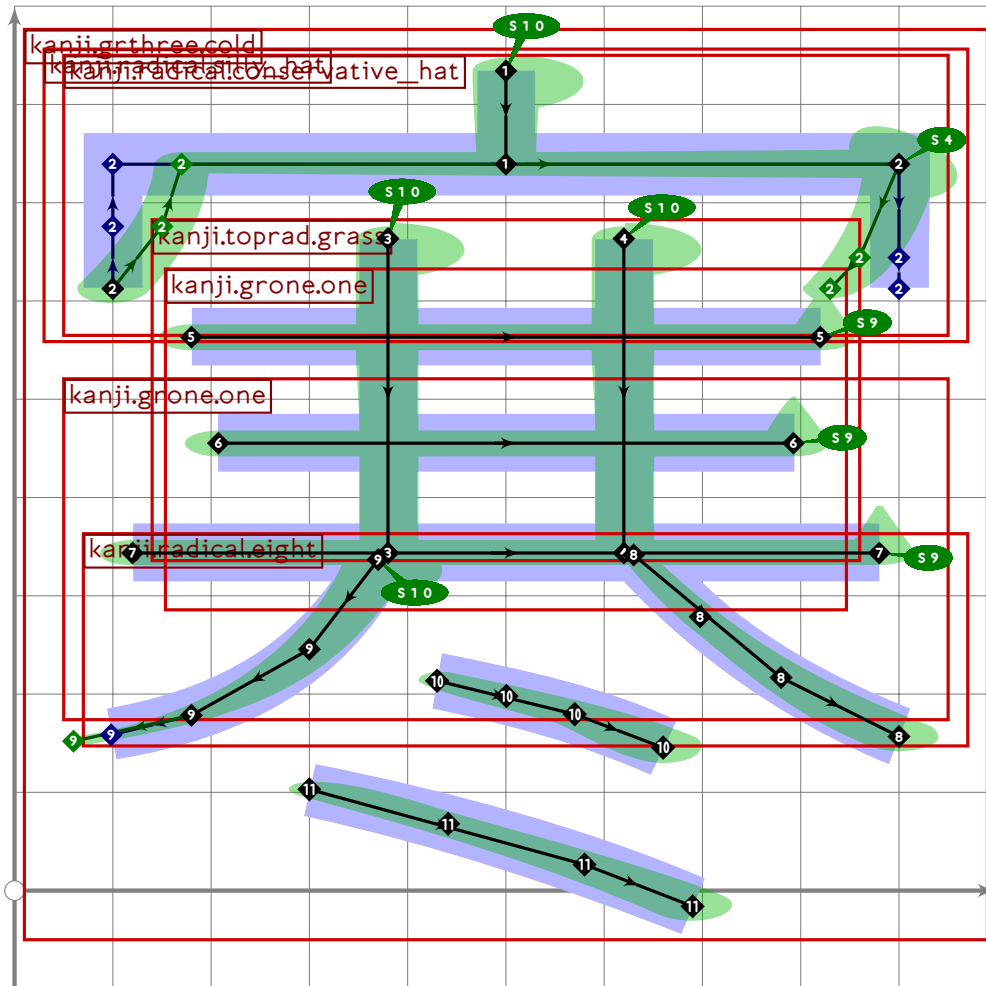
5B



```

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

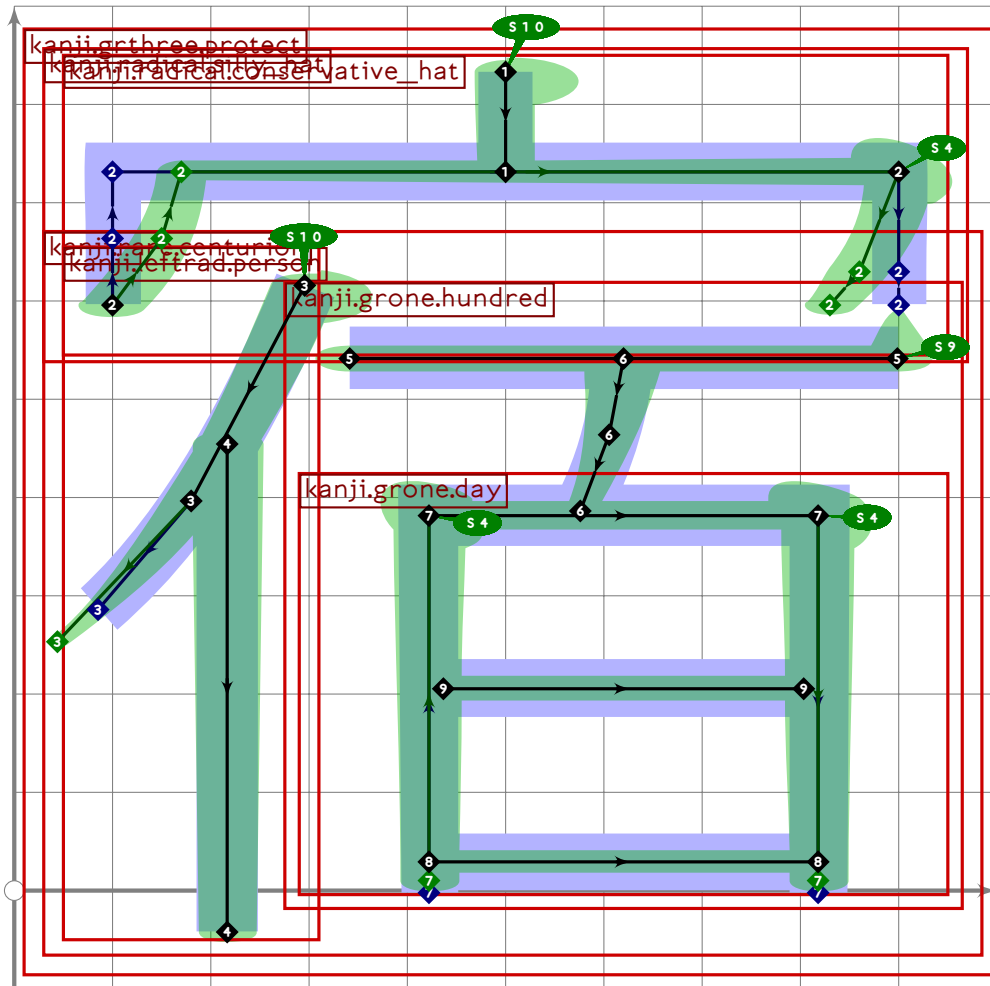
```



```

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

```

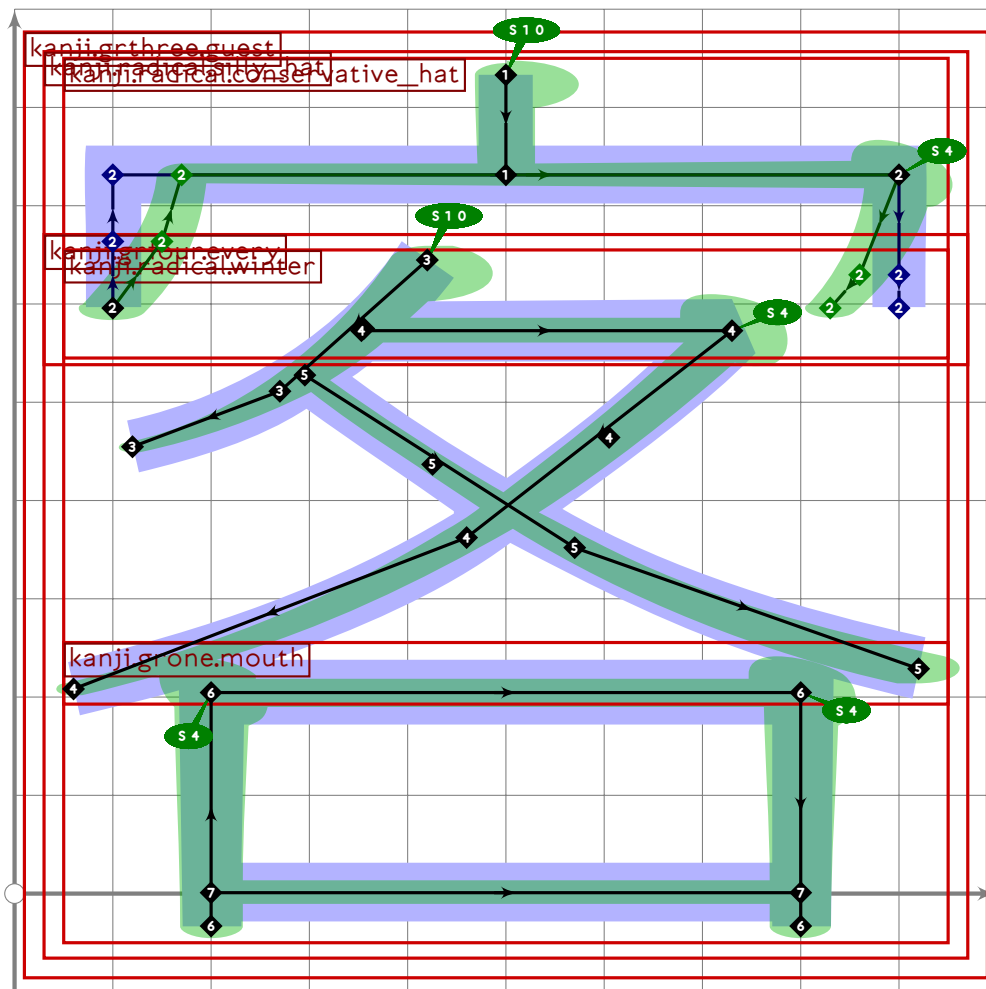


```

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

```

U+5BA2
tsuku.uni5BA2

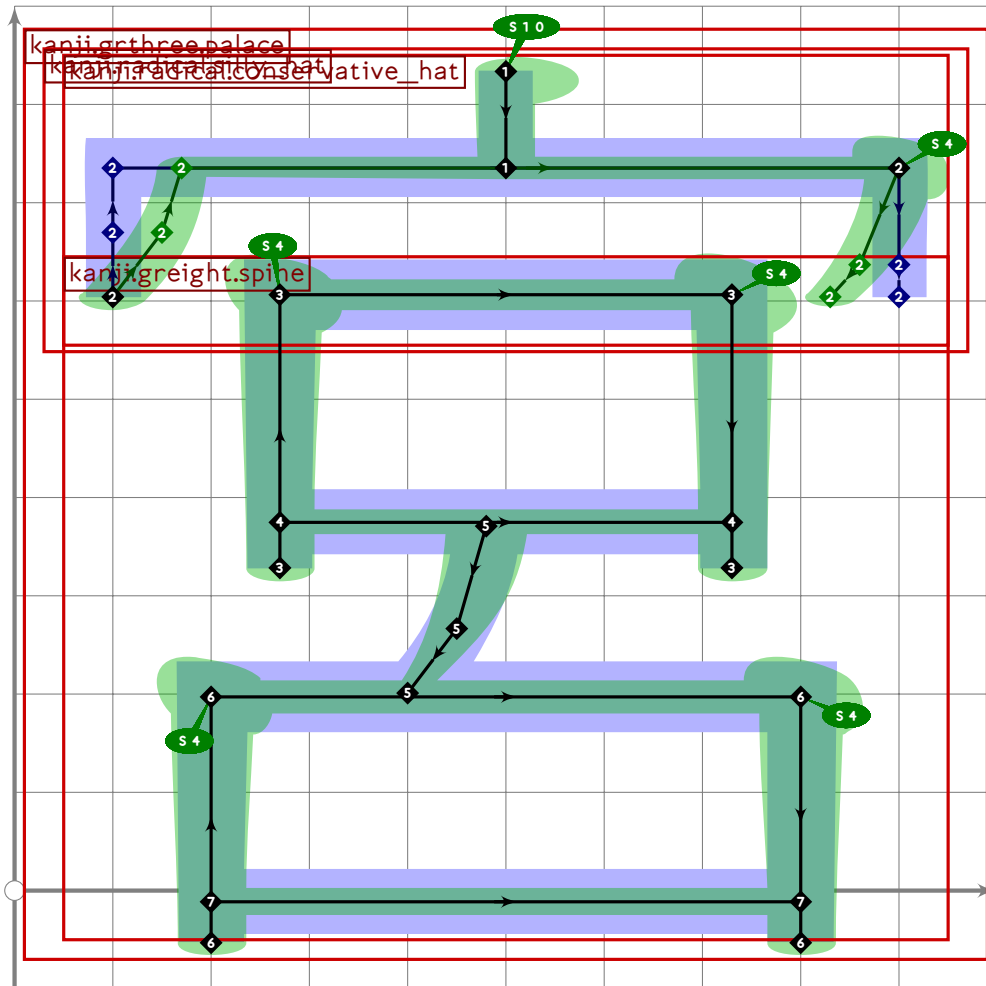


```

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

```

5B

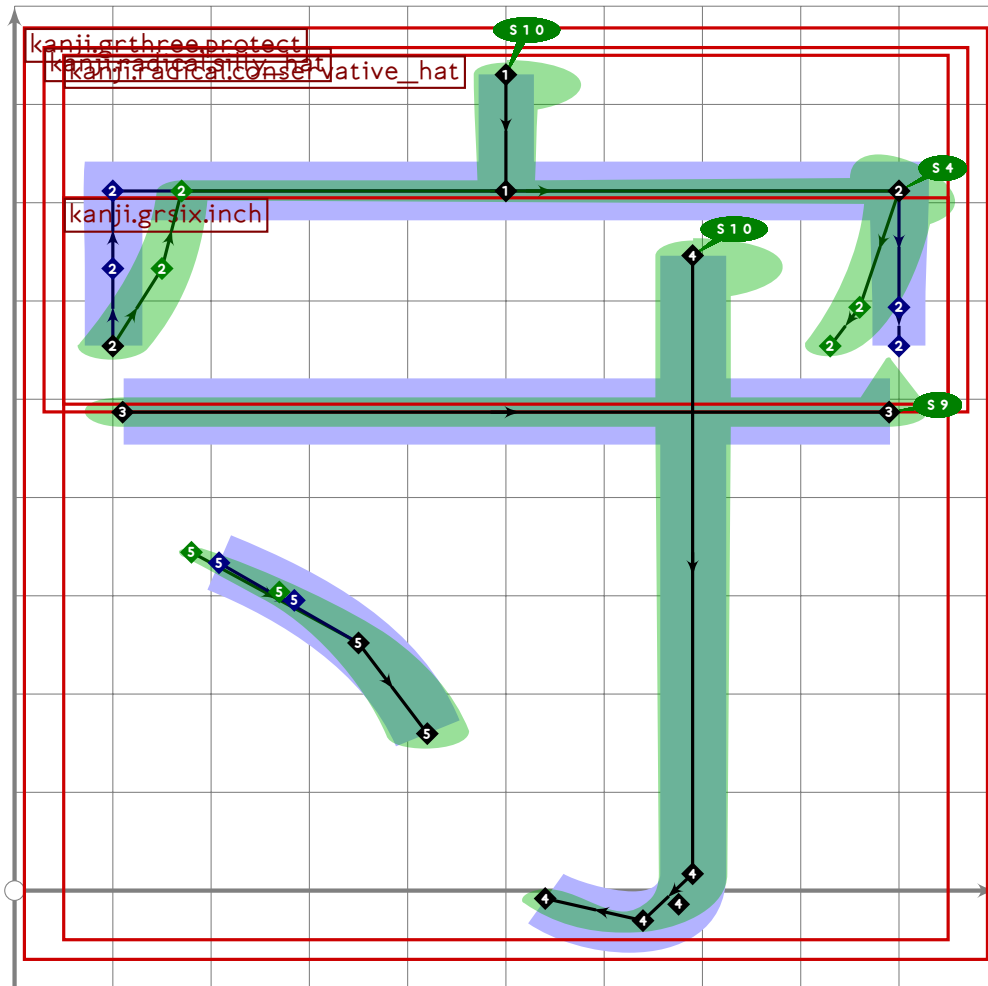


```

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

```

U+5B88
tsuku.uni5B88

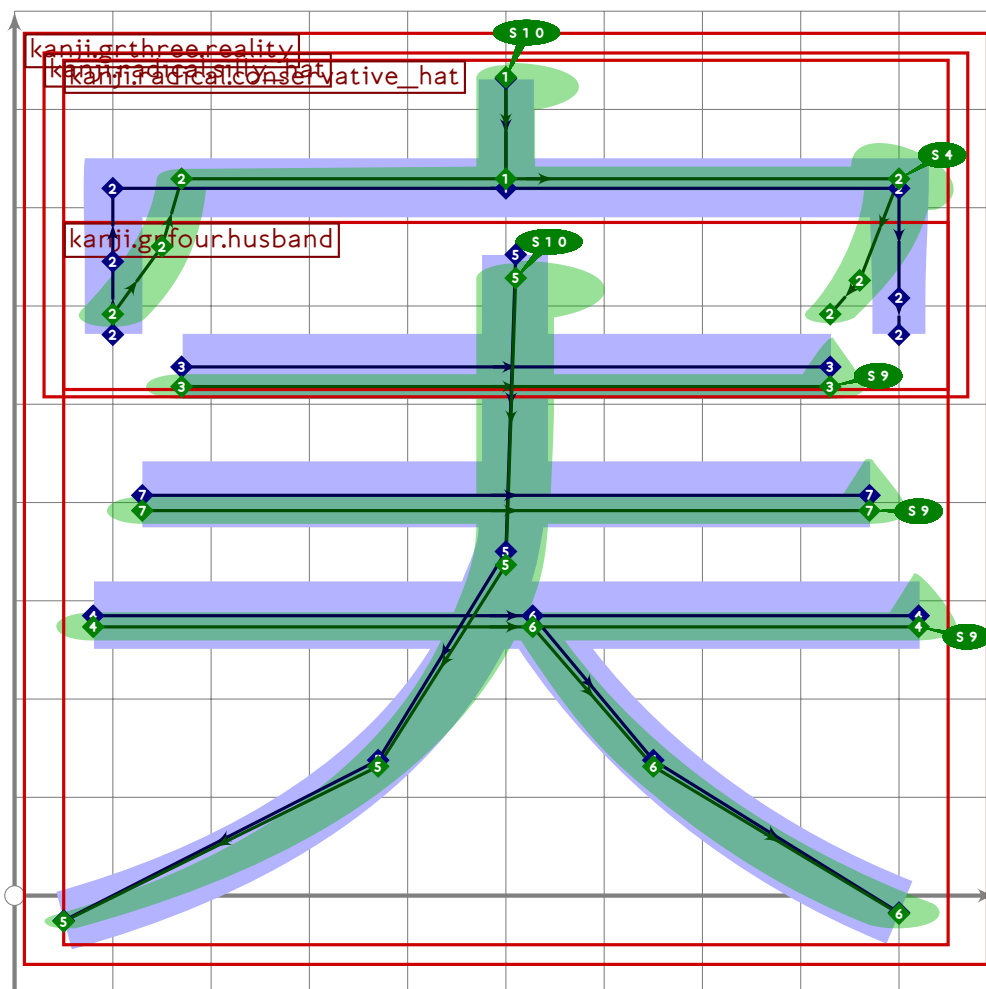


```

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

```

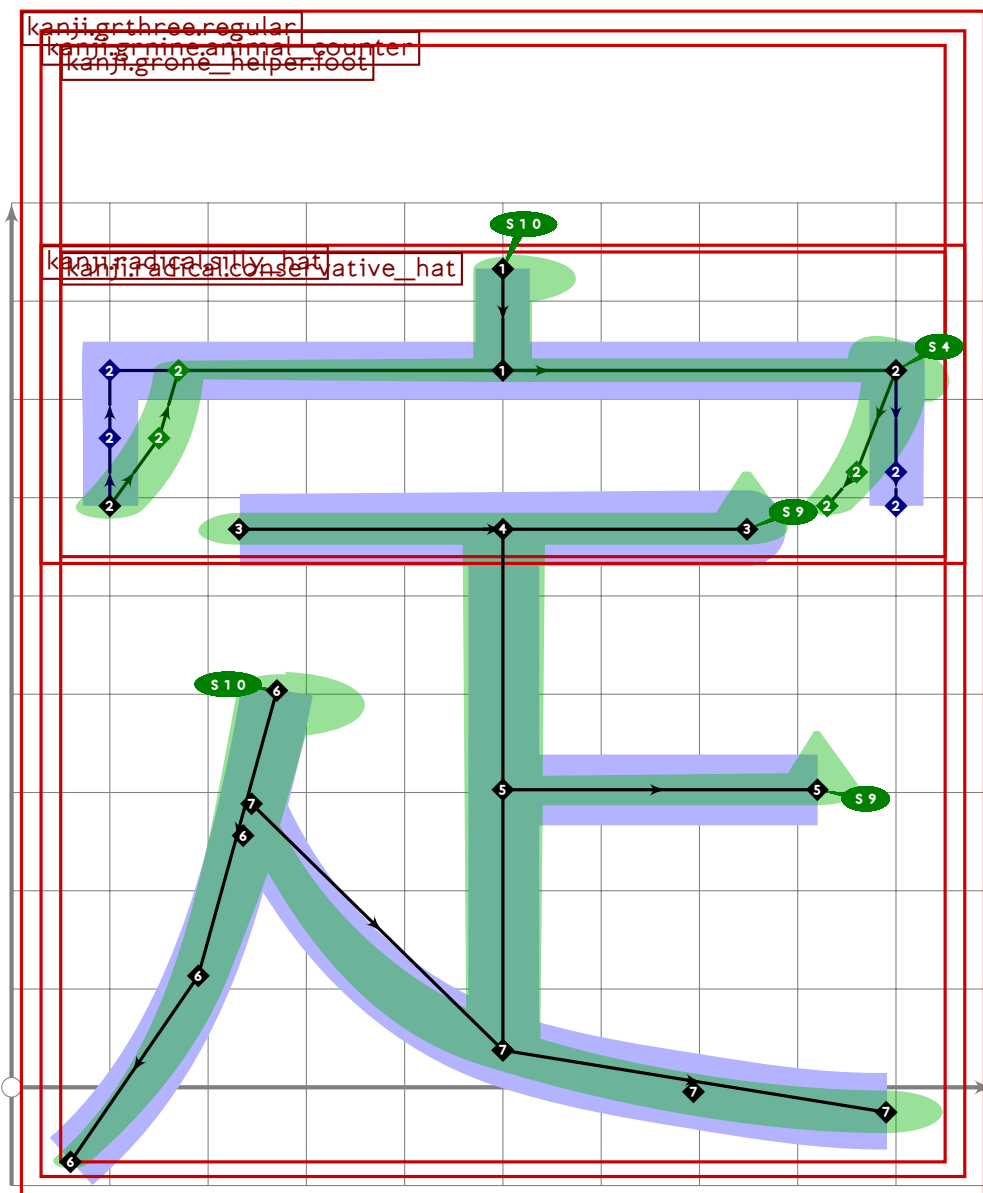
5B



```

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

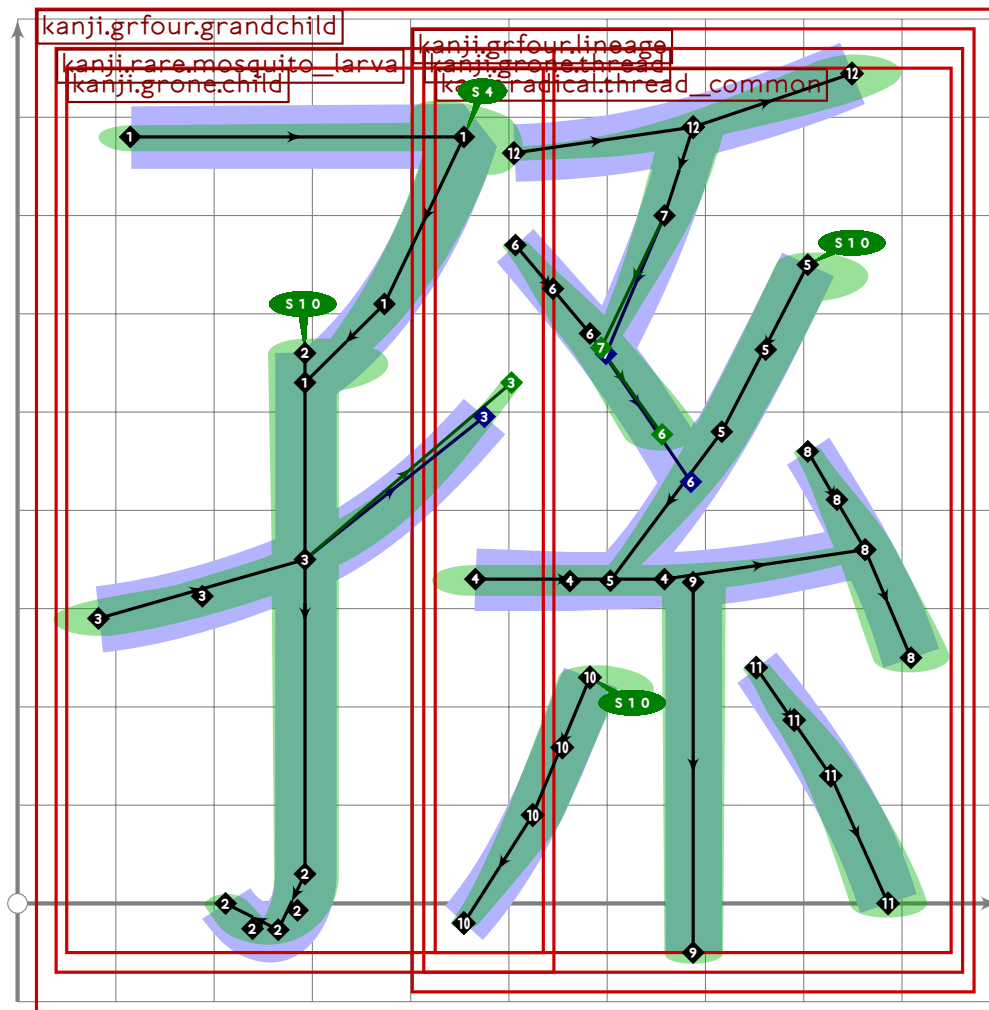
```



5B

```

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

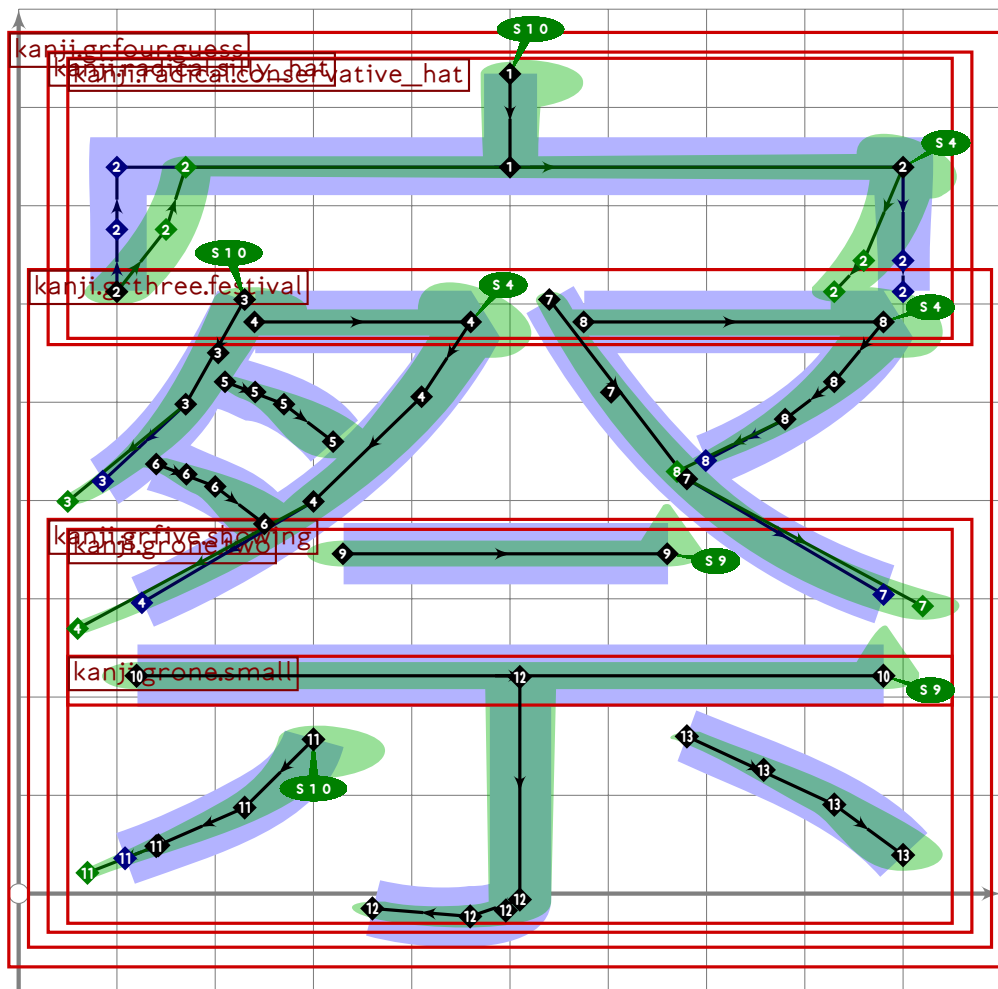



```

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

```

U+5BDF
tsuku.uni5BDF

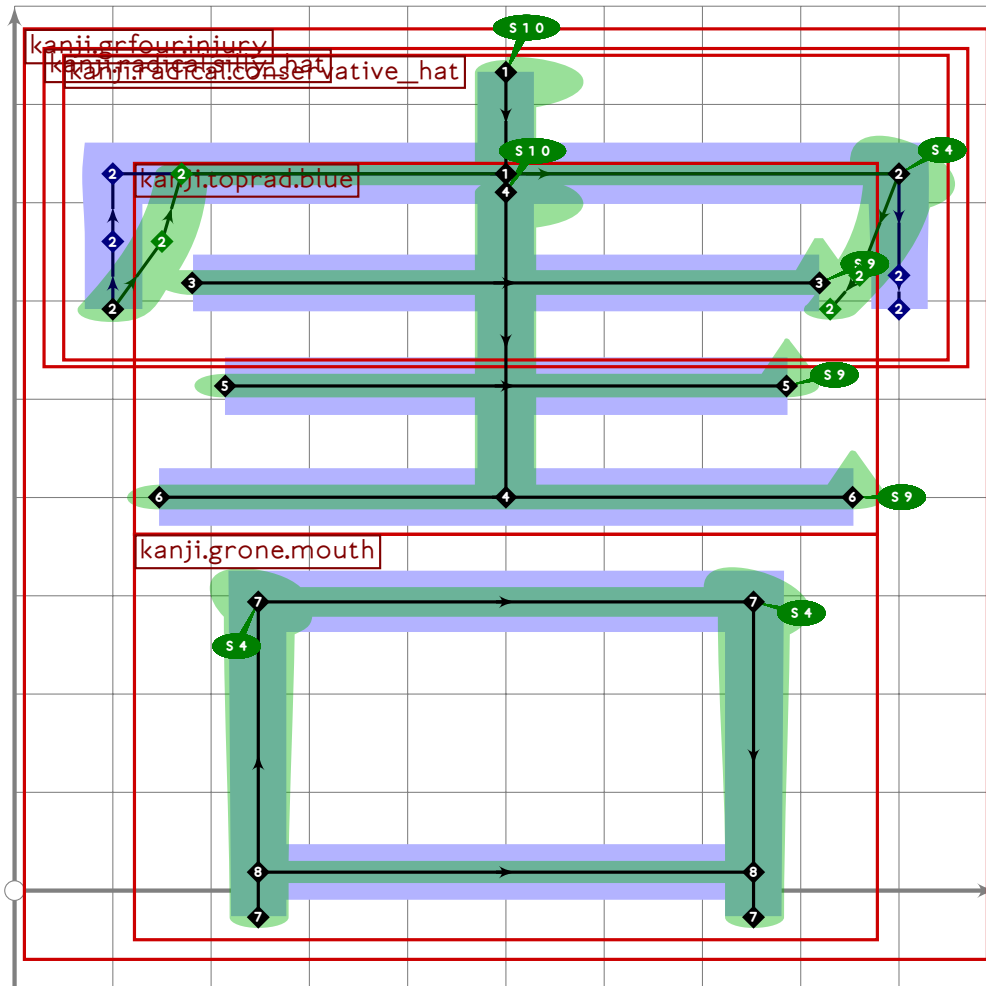


```

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

```

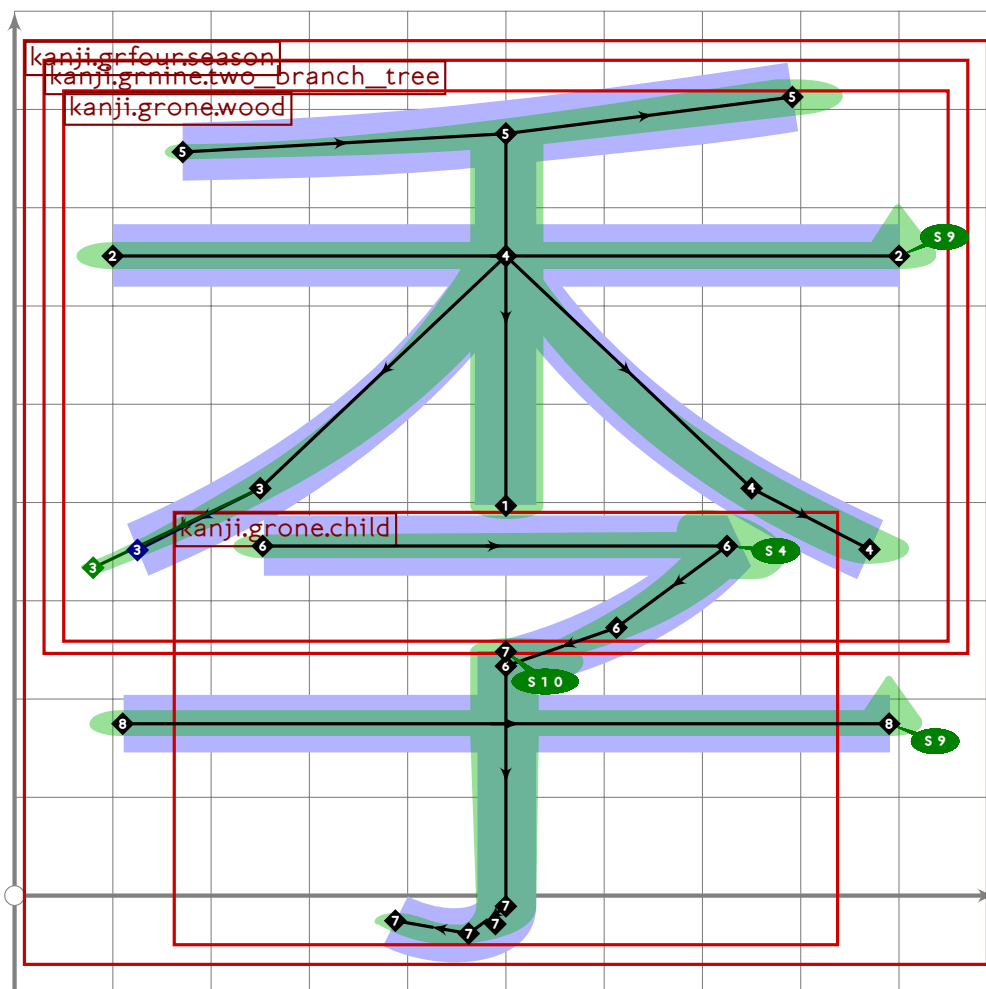
5B



```

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

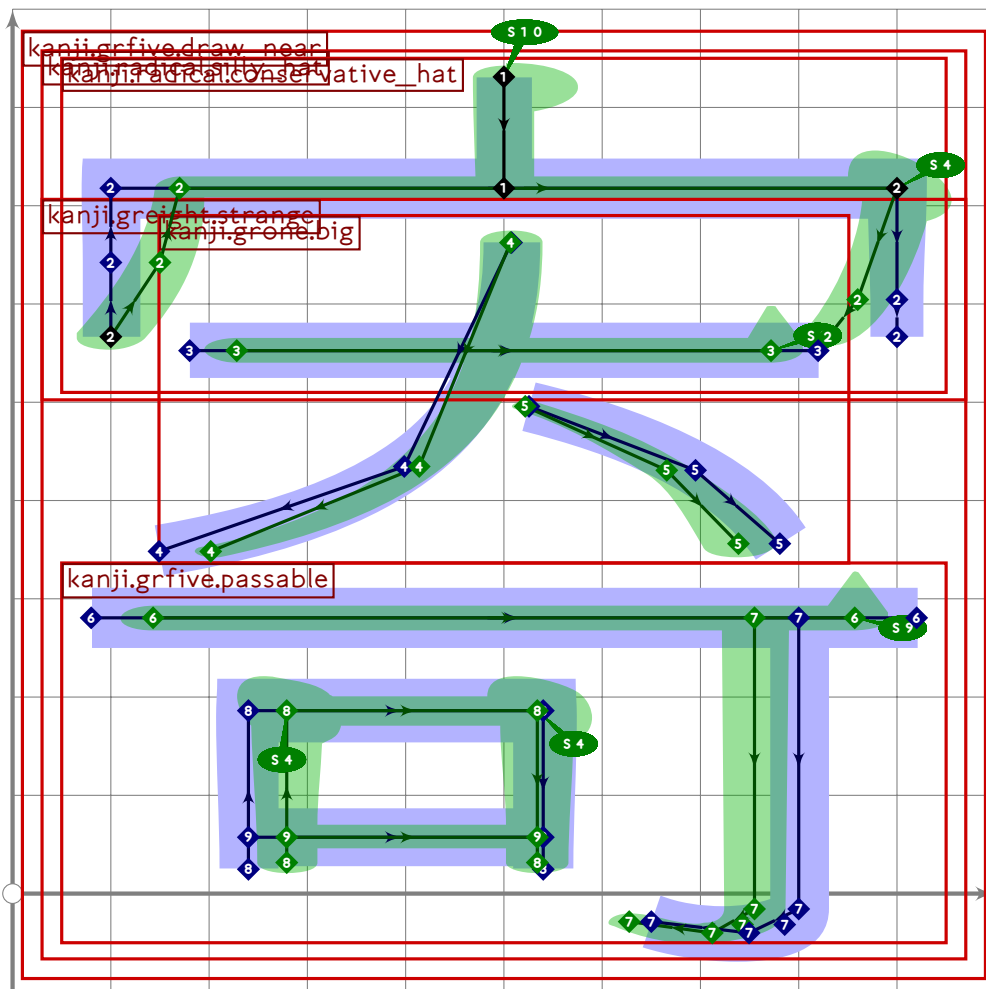
```



```

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

```

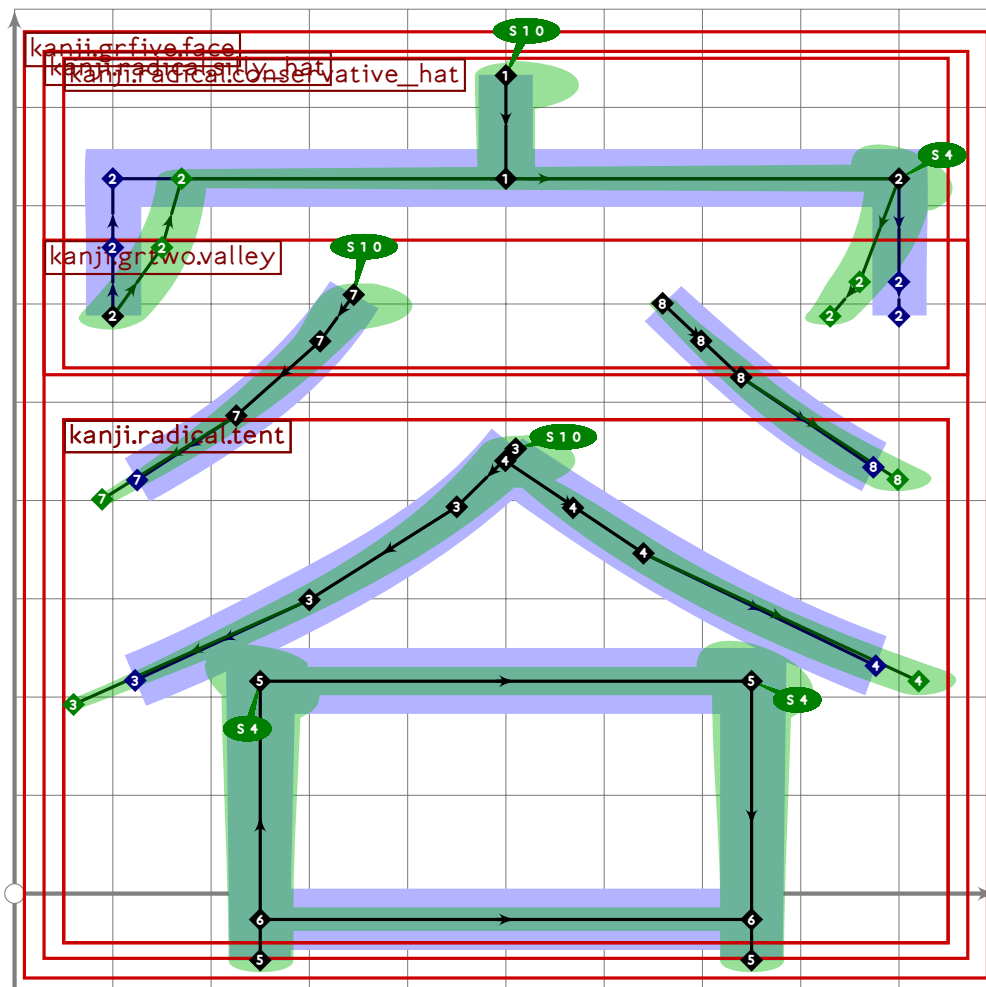


```

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

```

U+5BB9
tsuku.uni5BB9

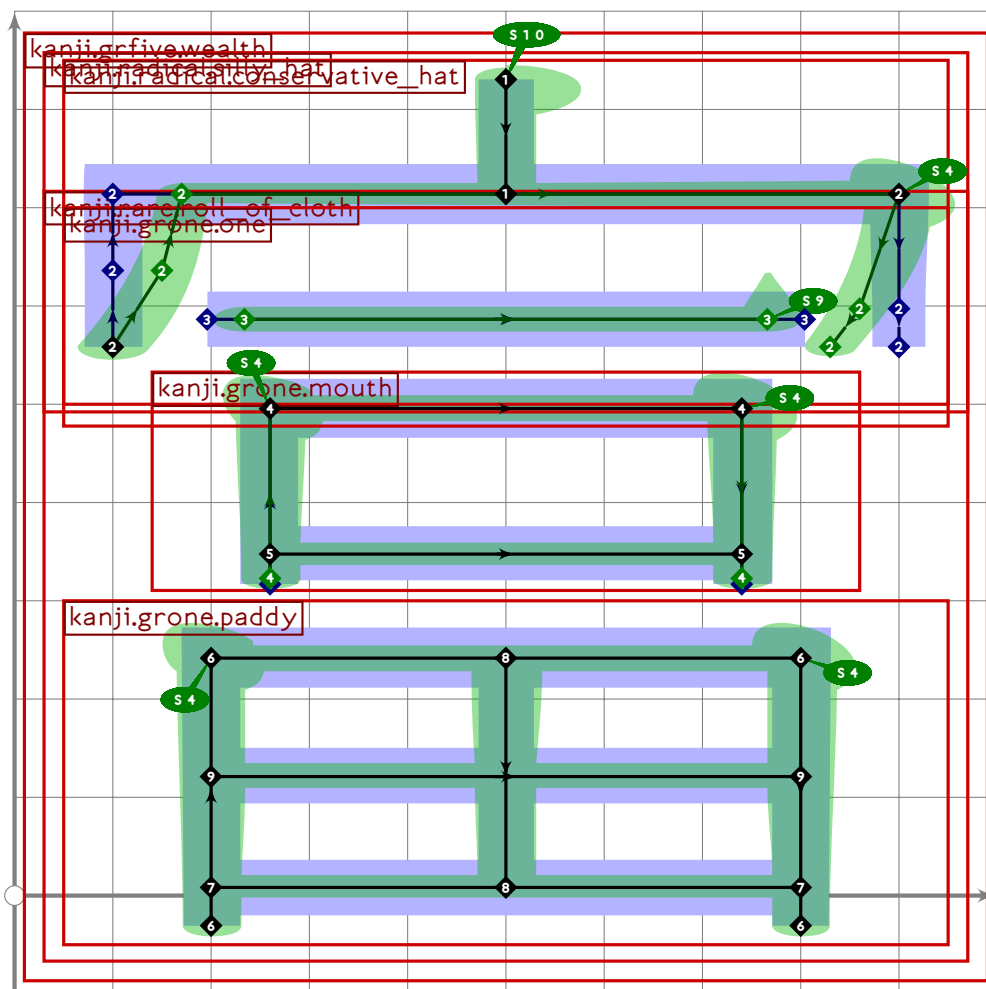


```

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

```

5B

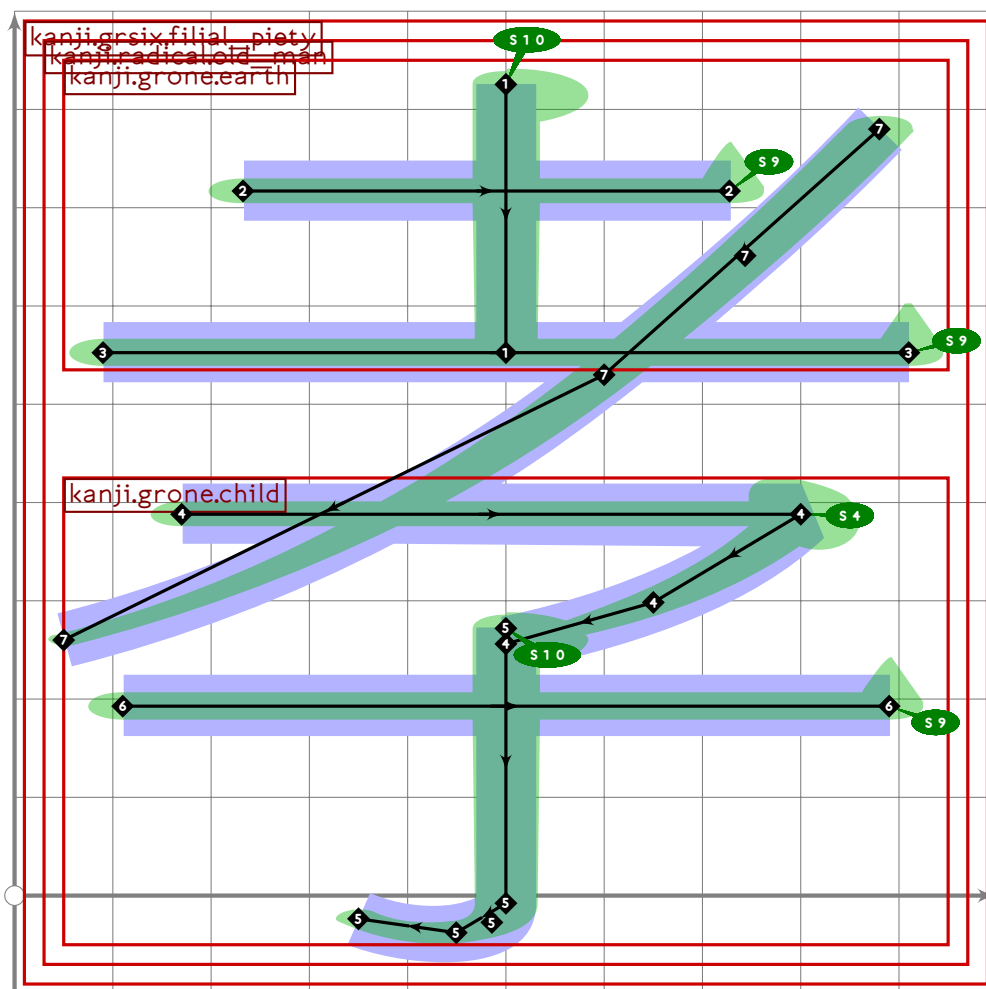


```

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

```

U+5B5D
tsuku.uni5B5D

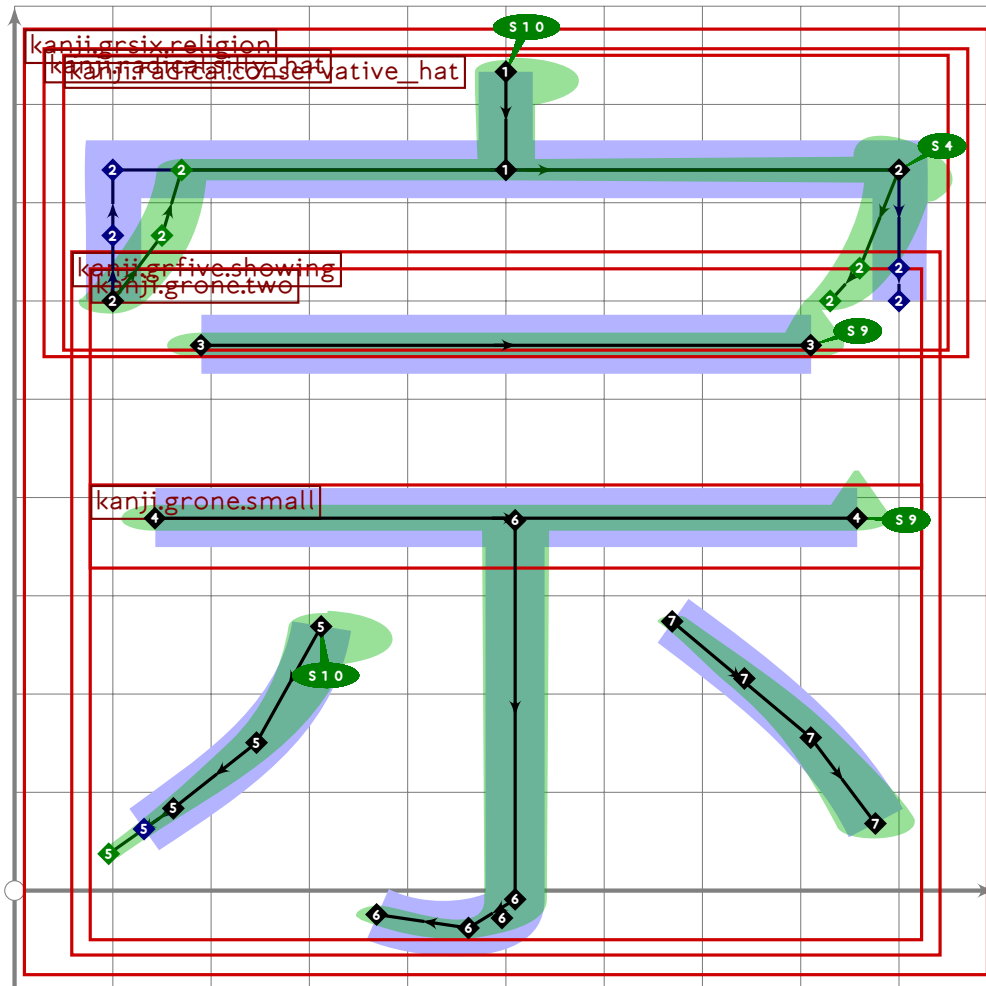


```

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

```

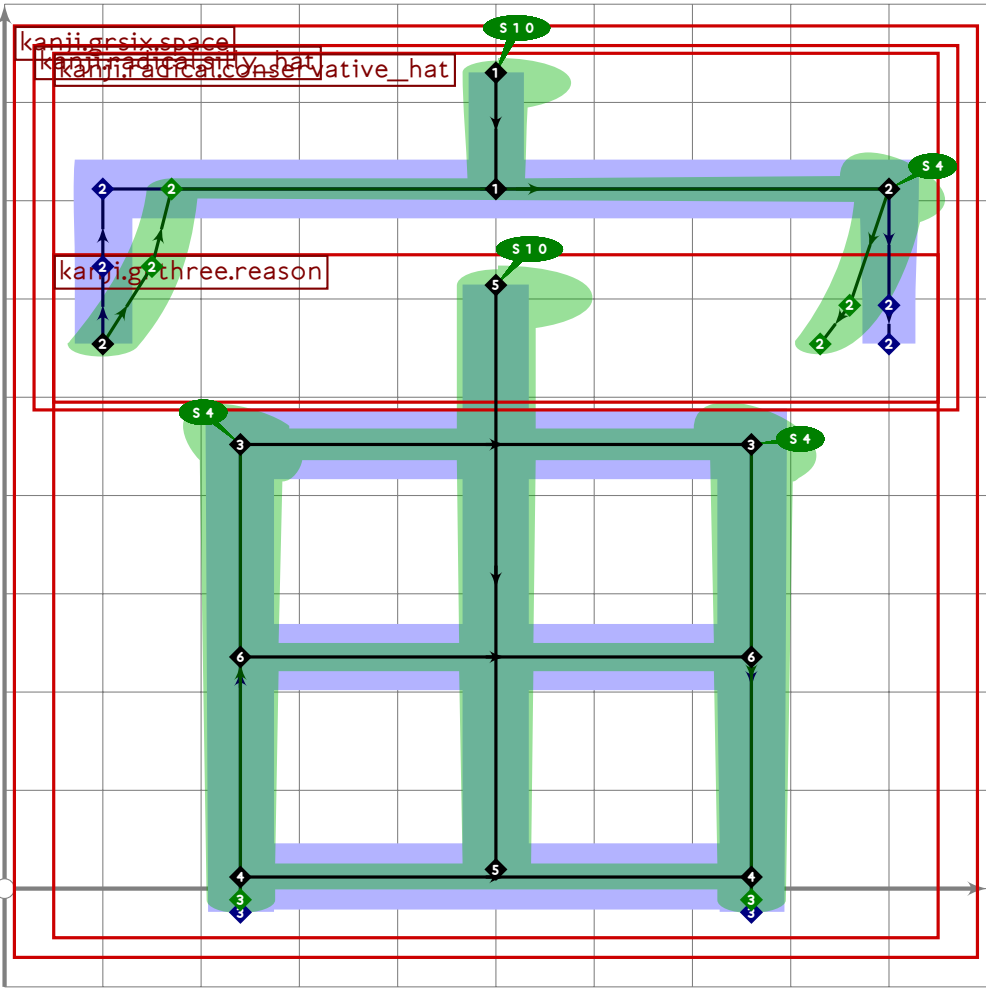
5B



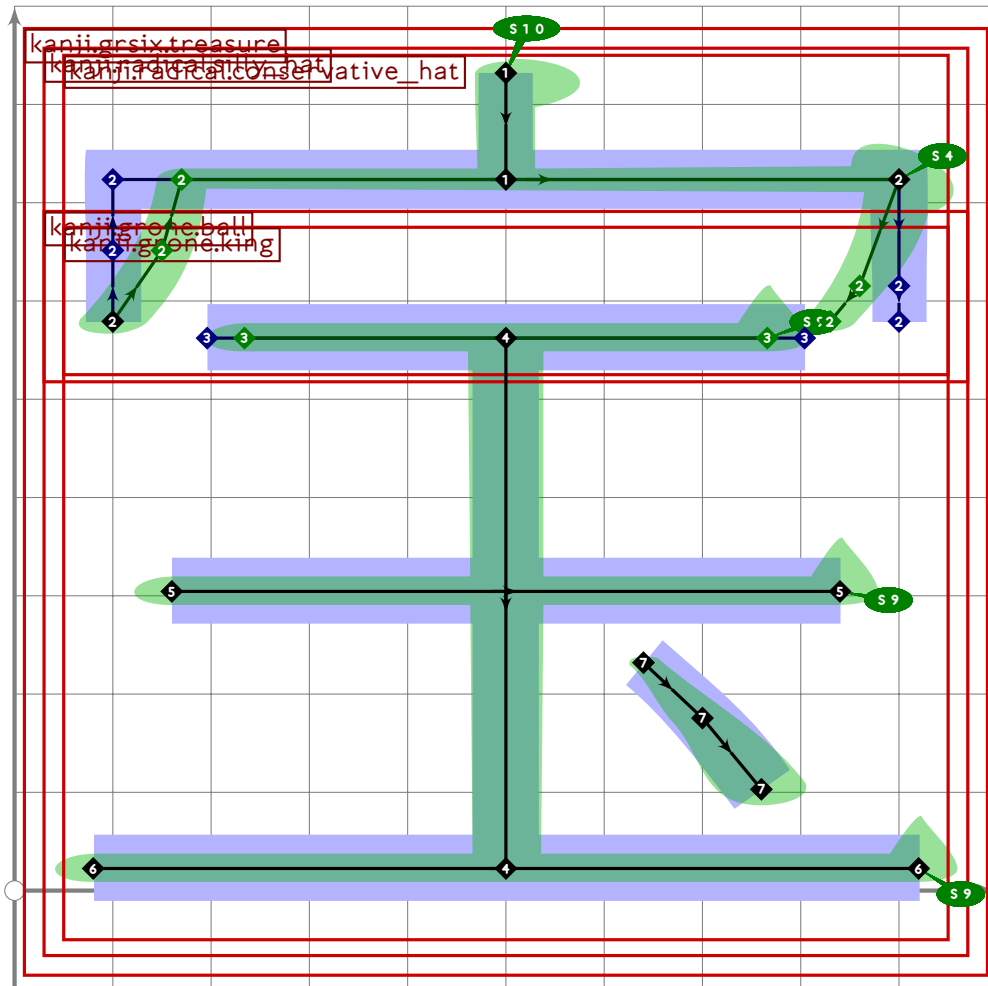
```

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

```



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

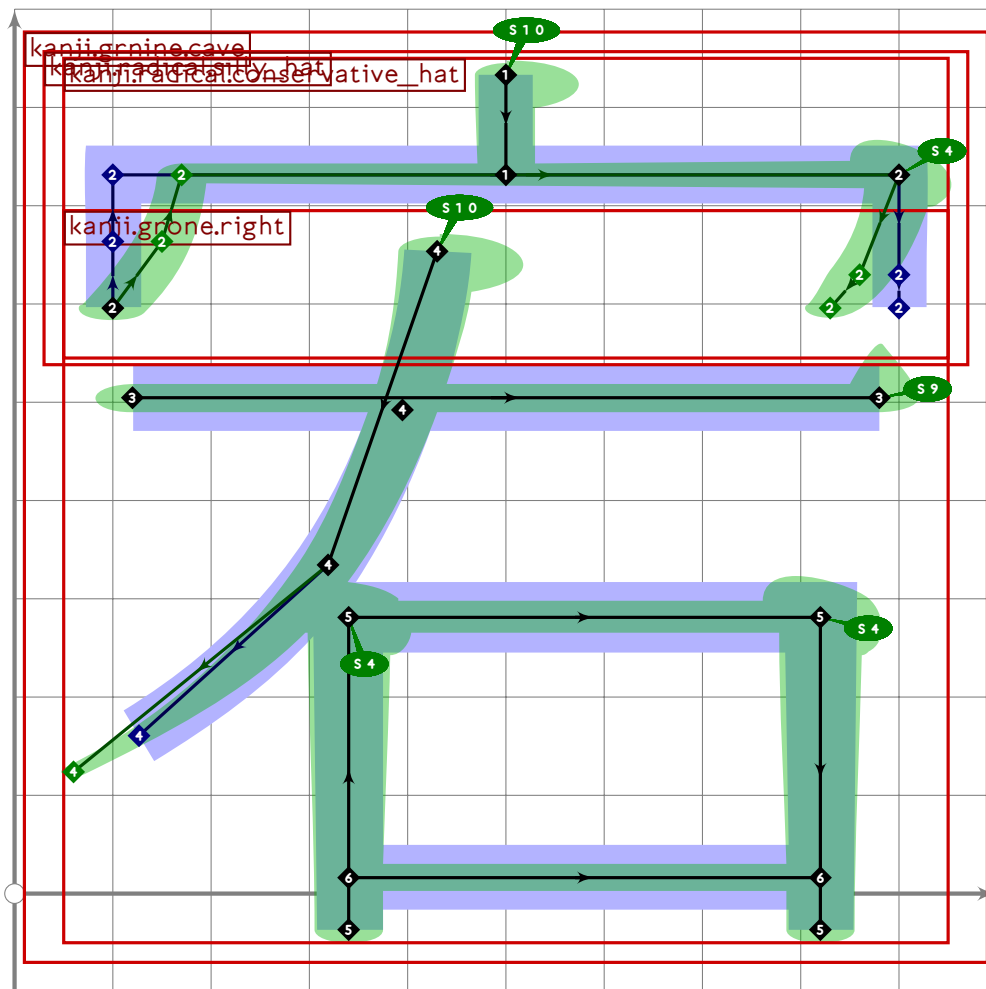


```

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

```

U+5B95
tsuku.uni5B95

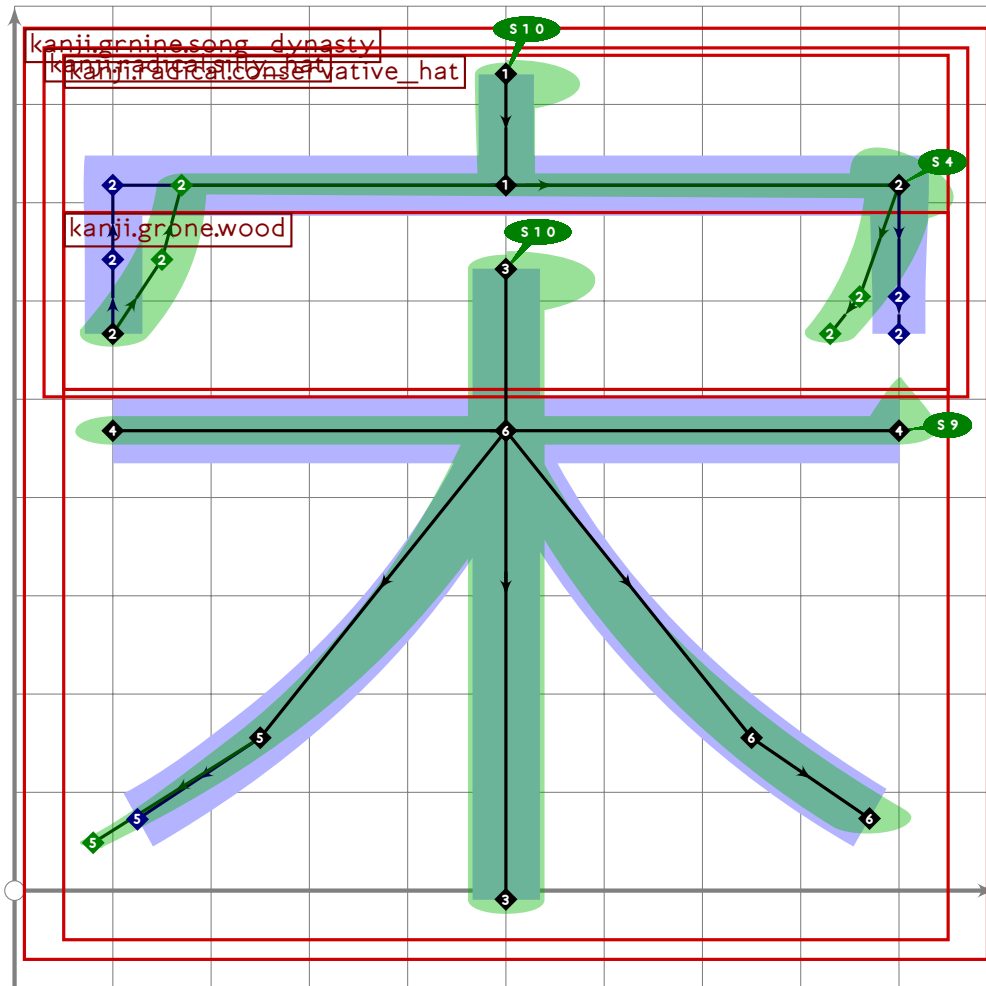


```

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

```

5B



```

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

```

293

294

295

```

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

```

[see page 423]

```

300 endsuglyph;

```

301

```

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

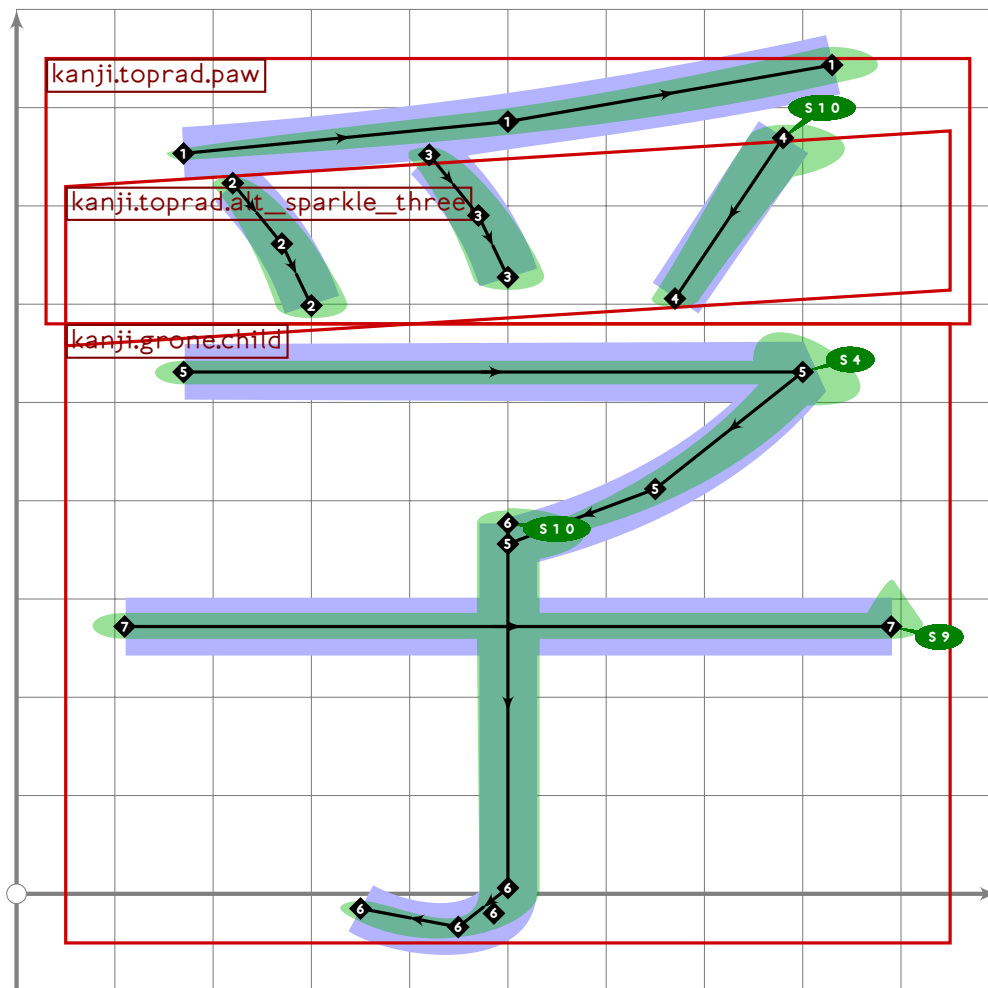
```

[see page 836]

U+5B5A
tsuku.uni5B5A

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

[see page 422]



5B

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

[see page 2038]

```

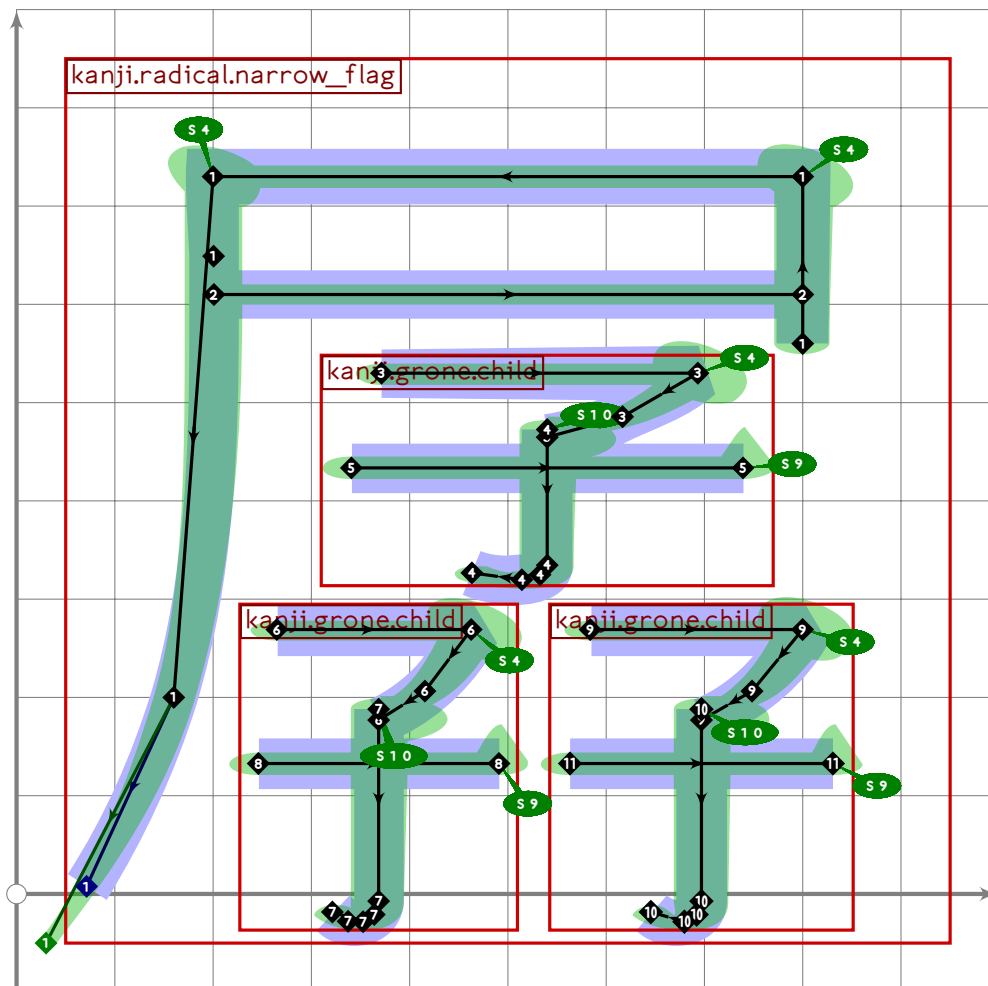
327
328 % ki "season"
329 begintsuglyph("uni5B63";99);
330   kanji.grfour.season;
331   tsu_render;
332 endtsuglyph;
333
334 % gaku "school"
335 begintsuglyph("uni5B66";102);
336   kanji.grone.study;
337   tsu_render;
338 endtsuglyph;
339
340 % son/mago "grandchild"
341 begintsuglyph("uni5B6B";107);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

```

[see page 2034]

[see page 2020]

[see page 2031]



```

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

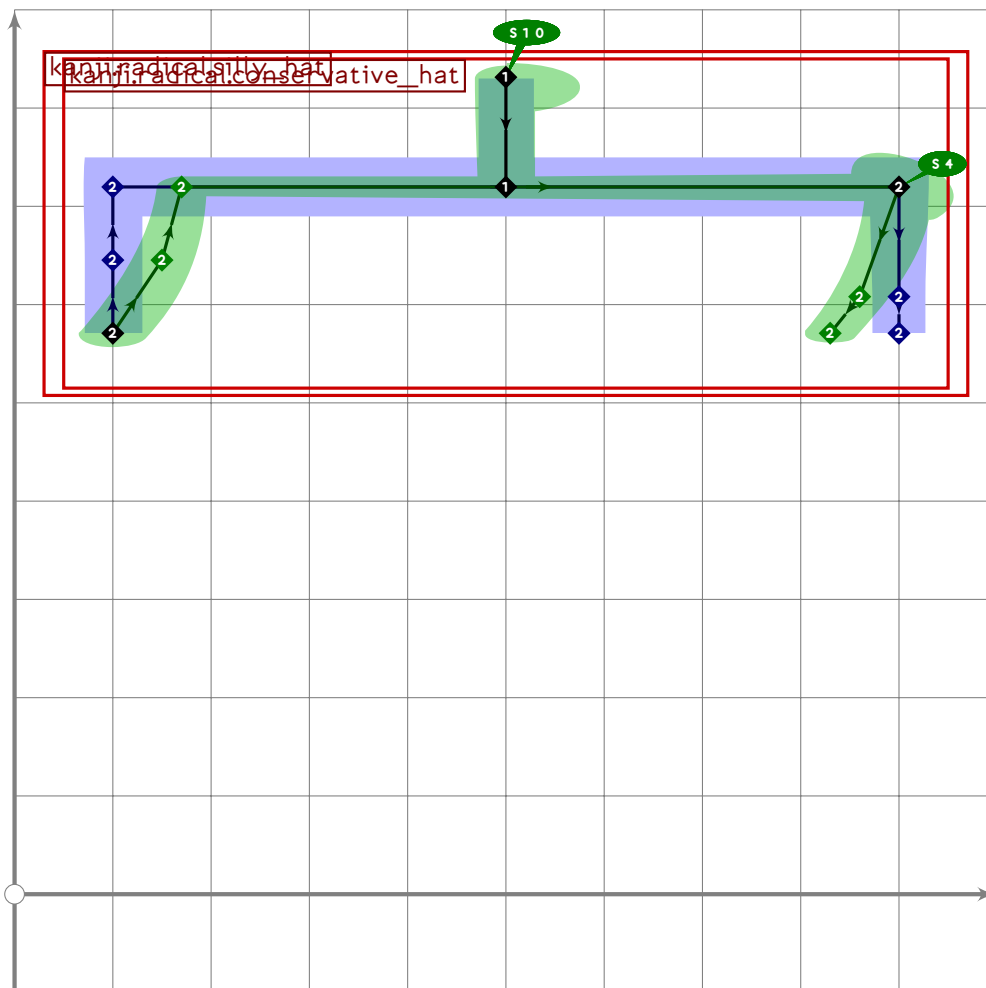
```

U+5B80
tsuku.uni5B80

```

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

```



5B

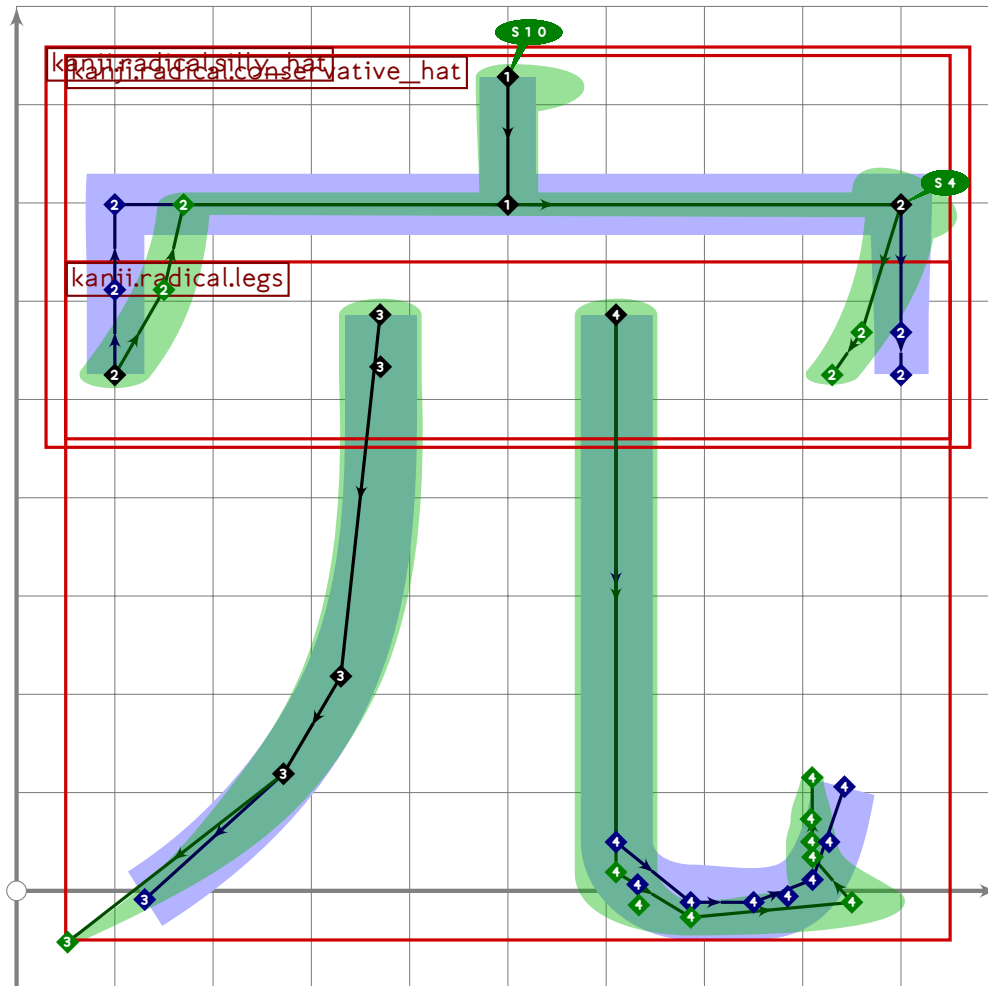
```

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

```

[see page 814]


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

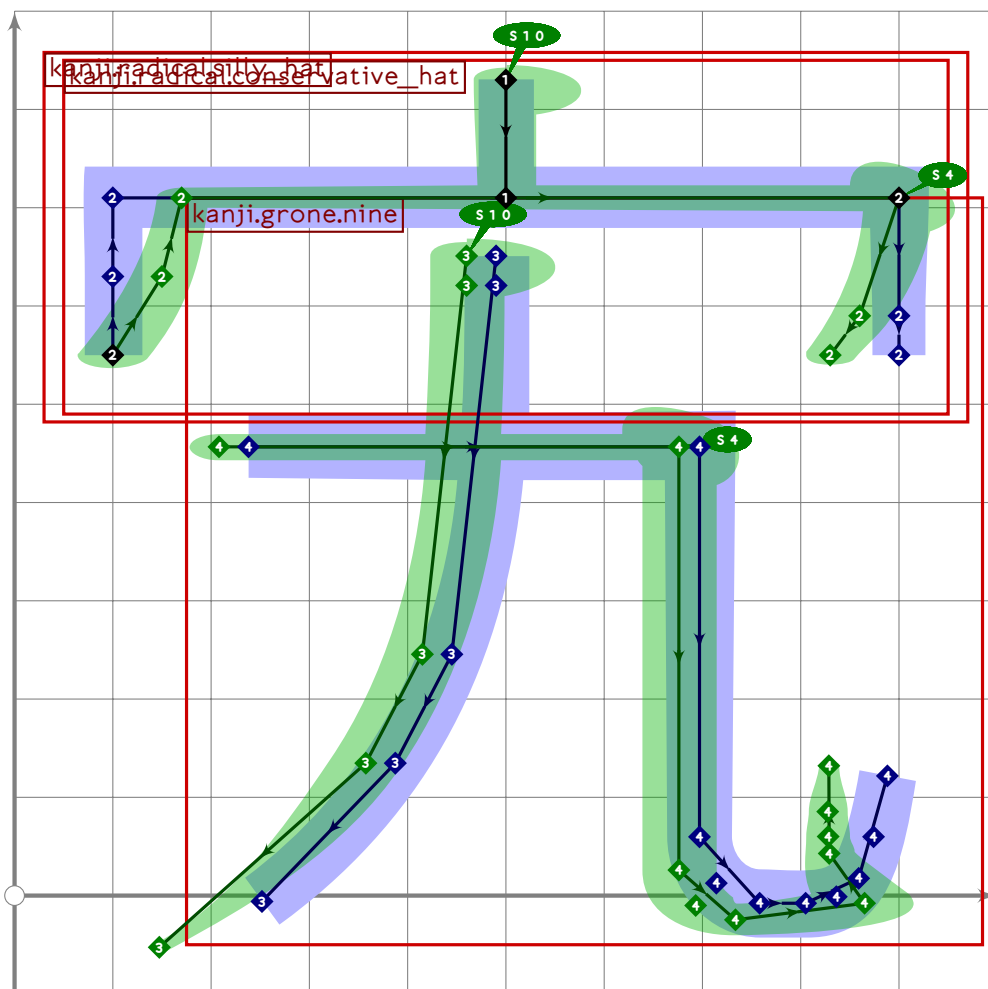


```
372 % extra
373 begintsuglyph("uni5B82";130);
374 build_kanji.tb(550,180)
375   (kanji.radical.silly_hat)
376   (kanji.radical.legs);
377 tsu_render;
378 endtsuglyph;
379
380 % ta/hebi "other"
381 begintsuglyph("uni5B83";131);
382 kanji.rare.other;
383 tsu_render;
384 endtsuglyph;
385
```

5B

[see page 845]

U+5B84
tsuku.uni5B84



```

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

```

[see page 2028]

[see page 570]

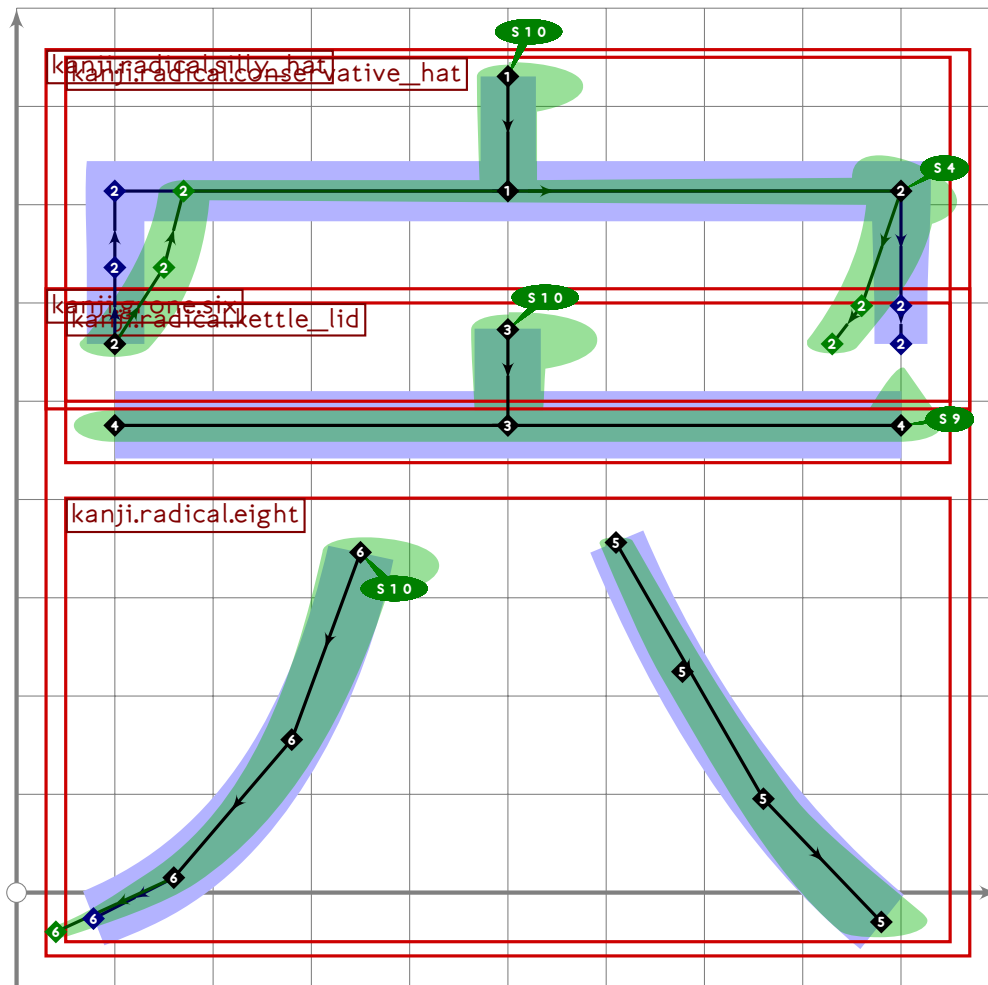
```

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

```

[see page 2043]

[see page 631]



```

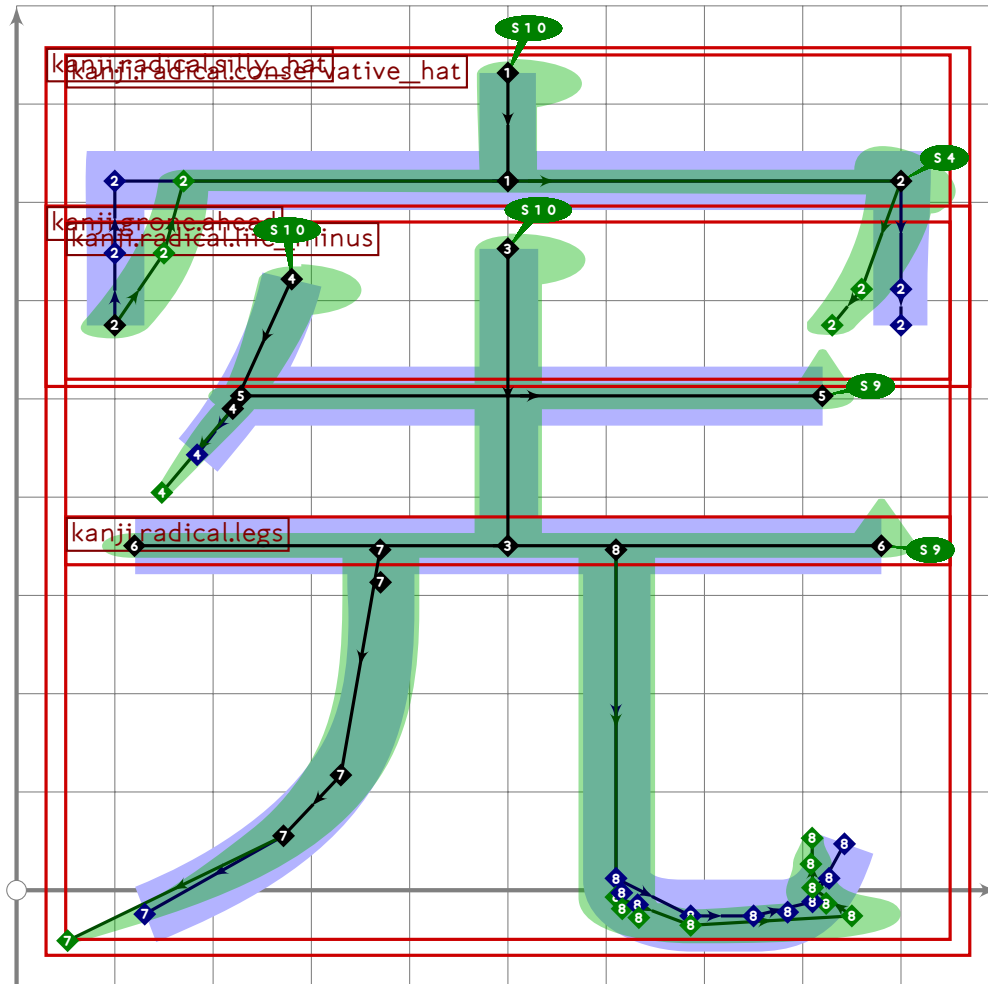
419 % extra "meat"
420 begintsuglyph("uni5B8D";141);
421   build_kanji.tb(550,100)
422     (kanji.radical.silly_hat)
423     (kanji.grone.six);
424   tsu_render;
425 endtsuglyph;
426
427 % "cave"

```

428 `begintsuglyph("uni5B95";149);` [see page 2042]
 429 `kanji.grnine.cave;`
 430 `tsu_render;`
 431 `endtsuglyph;`
 432
 433 `% shuu/mune "religion"`
 434 `begintsuglyph("uni5B97";151);` [see page 2039]
 435 `kanji.grsix.religion;`
 436 `tsu_render;`
 437 `endtsuglyph;`
 438
 439 `% kan "bureaucracy"`
 440 `begintsuglyph("uni5B98";152);` [see page 608]
 441 `kanji.grfour.bureaucracy;`
 442 `tsu_render;`
 443 `endtsuglyph;`
 444
 445 `% chuu "space"`
 446 `begintsuglyph("uni5B99";153);` [see page 2040]
 447 `kanji.grsix.space;`
 448 `tsu_render;`
 449 `endtsuglyph;`
 450
 451 `% tei/sada "regular"`
 452 `begintsuglyph("uni5B9A";154);` [see page 2030]
 453 `kanji.grthree.regular;`
 454 `tsu_render;`
 455 `endtsuglyph;`
 456
 457 `% hou/takara "treasure"`
 458 `begintsuglyph("uni5B9D";157);` [see page 2041]
 459 `kanji.grsix.treasure;`
 460 `tsu_render;`
 461 `endtsuglyph;`
 462
 463 `% jitsu/mi "reality"`
 464 `begintsuglyph("uni5B9F";159);` [see page 2029]
 465 `kanji.grthree.reality;`
 466 `tsu_render;`
 467 `endtsuglyph;`
 468
 469 `% kyaku "guest"`
 470 `begintsuglyph("uni5BA2";162);` [see page 2026]
 471 `kanji.grthree.guest;`
 472 `tsu_render;`
 473 `endtsuglyph;`
 474
 475 `% shitsu/muro "chamber"`

[see page 2021]

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



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

[see page 2027]

[see page 2033]

497 kanji.grfour.injury;
 498 tsu_render;
 499 endtsuglyph;
 500
 501 % ka/ie "house"
 502 begintsuglyph("uni5BB6";182); [see page 2022]
 503 kanji.grtwo.house;
 504 tsu_render;
 505 endtsuglyph;
 506
 507 % you/i "face"
 508 begintsuglyph("uni5BB9";185); [see page 2036]
 509 kanji.grfive.face;
 510 tsu_render;
 511 endtsuglyph;
 512
 513 % shuku/yado "inn"
 514 begintsuglyph("uni5BBF";191); [see page 2025]
 515 kanji.grthree.inn;
 516 tsu_render;
 517 endtsuglyph;
 518
 519 % ki/yo "draw near"
 520 begintsuglyph("uni5BC4";196); [see page 2035]
 521 kanji.grfive.draw_near;
 522 tsu_render;
 523 endtsuglyph;
 524
 525 % fu/to "wealth"
 526 begintsuglyph("uni5BCC";204); [see page 2037]
 527 kanji.grfive.wealth;
 528 tsu_render;
 529 endtsuglyph;
 530
 531 % kan/samu "cold"
 532 begintsuglyph("uni5BD2";210); [see page 2024]
 533 kanji.grthree.cold;
 534 tsu_render;
 535 endtsuglyph;
 536
 537 % satsu "guess"
 538 begintsuglyph("uni5BDF";223); [see page 2032]
 539 kanji.grfour.guess;
 540 tsu_render;
 541 endtsuglyph;
 542
 543 % su/miki "inch", also often a radical
 544 begintsuglyph("uni5BF8";248); [see page 663]

```

545 kanji.grsix.inch;
546 tsu_render;
547 endtsuglyph;
548
549 % tera/ji "temple"
550 begintsuglyph("uni5BFA";250); [see page 547]
551 kanji.grtwo.temple;
552 tsu_render;
553 endtsuglyph;
554
555 % tai/aite "counterpart"
556 begintsuglyph("uni5BFE";254); [see page 2023]
557 kanji.grthree.counterpart;
558 tsu_render;
559 endtsuglyph;
560
561 _____
562
563 endfont;
564
565 _____

```

tsuku-5c.mp

```
1 %  
2 % Unicode page 5C (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala  
4 %
```

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

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

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

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

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

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

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

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

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

```
46 input radical.mp;
```

```
47 input rare.mp;
```

```
48 input rightrad.mp;
```

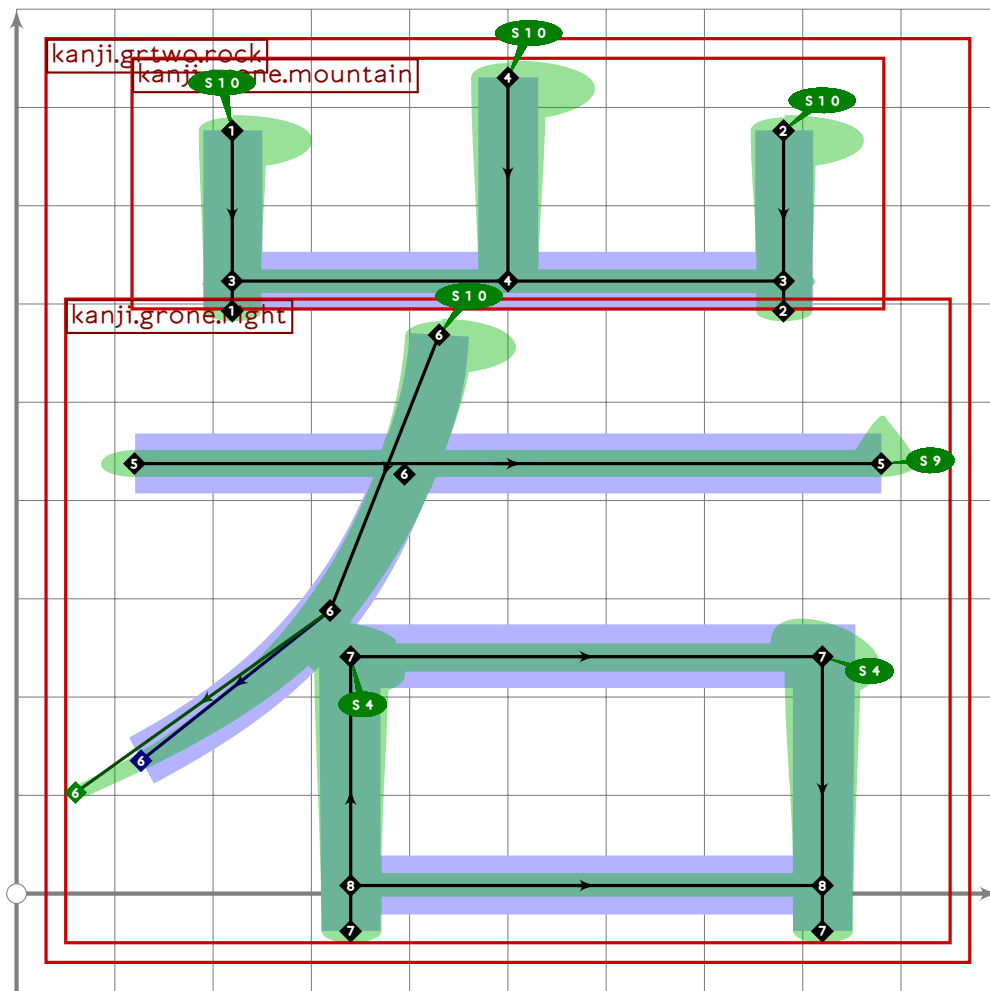
```
49 input toprad.mp;
```

```
50
```

```
51 do_late_includes;
```

```
52
```

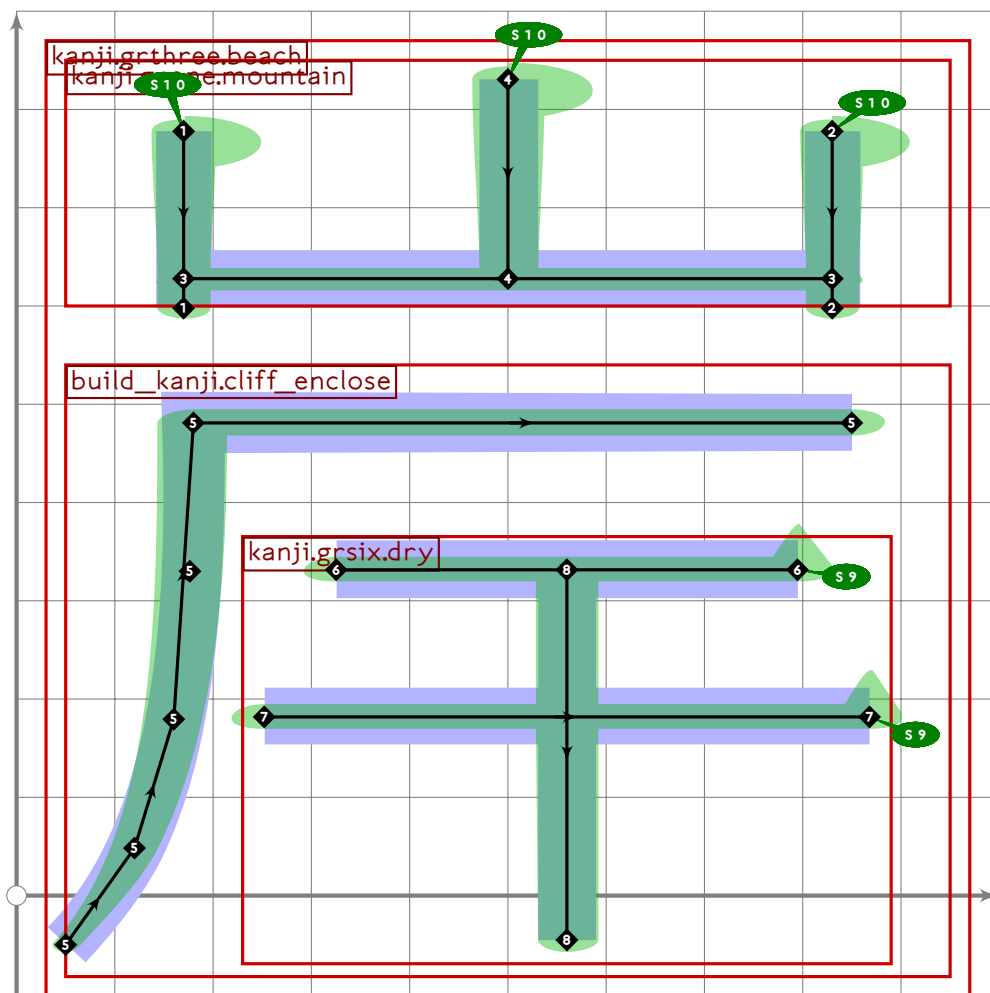
```
53
```



```

54
55 vardef kanji.grtwo.rock =
56   push_pbox_toexpand("kanji.grtwo.rock");
57   build_kanji.level(build_kanji.tb(600,10)
58     (build_kanji.sscale(xscaled 0.85)(kanji.grone.mountain))
59     (kanji.grone.right));
60   expand_pbox;
61 enddef;
62
63

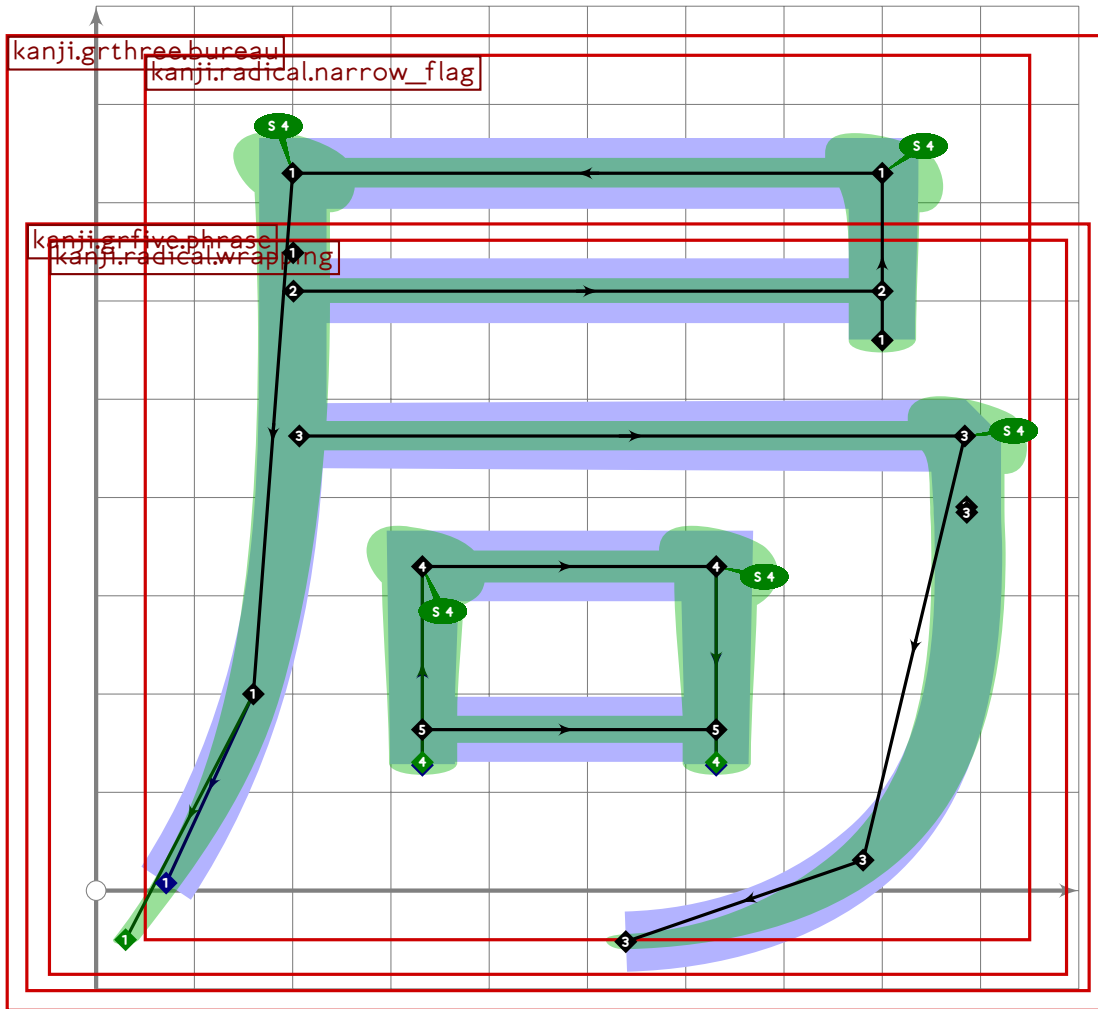
```



```

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

```

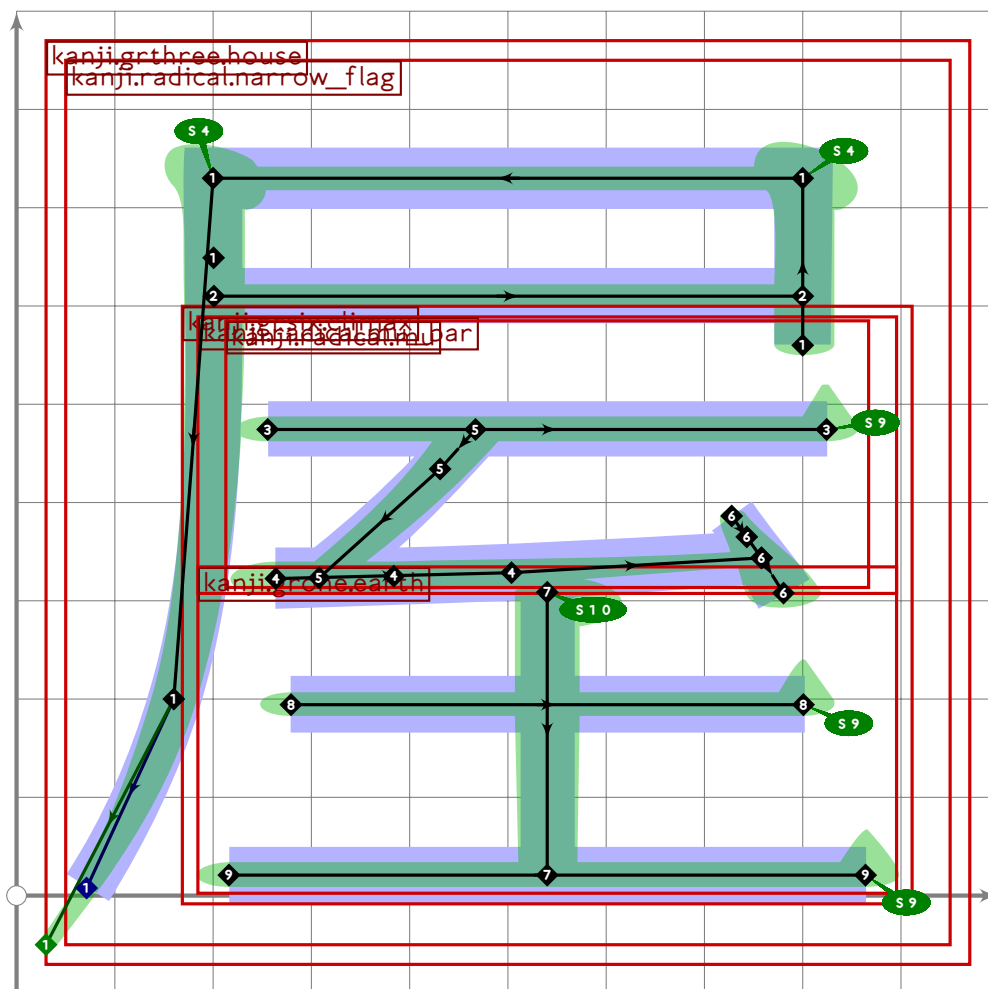


```

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

```

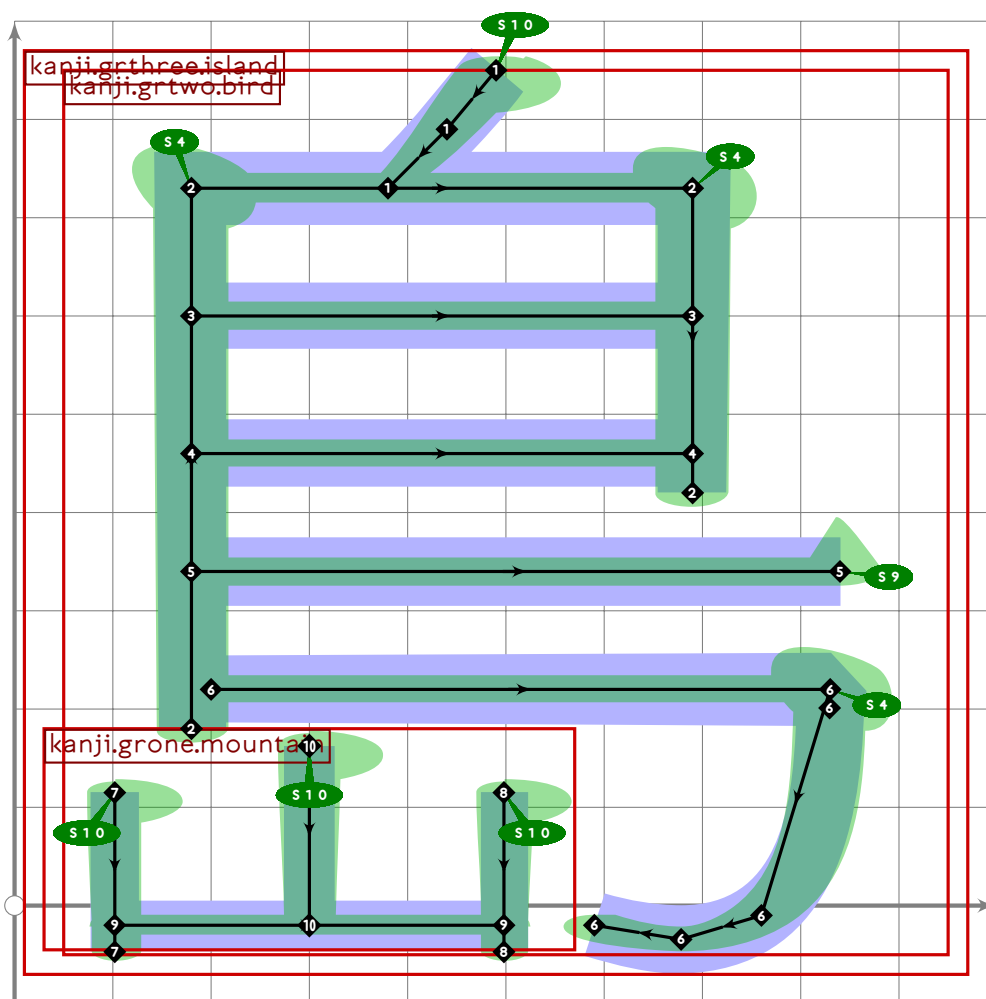
U+5C4B
tsuku.uni5C4B



```

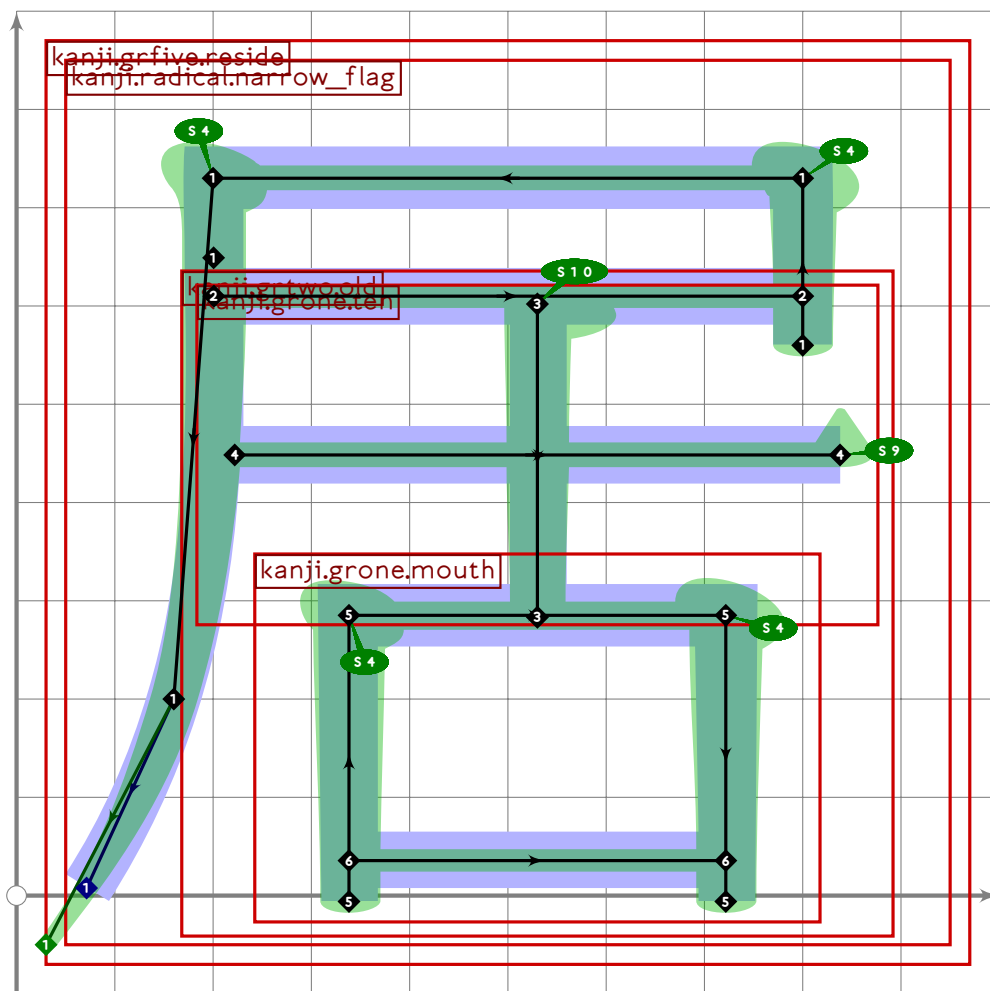
83
84 vardef kanji.grthree.house =
85   push_pbox_toexpand("kanji.grthree.house");
86   build_kanji.level(
87     kanji.radical.narrow_flag;
88     build_kanji.sscale(xyscaled (0.79,0.54) shifted (40,150))
89     (kanji.grsix.climax));
90   expand_pbox;
91 enddef;

```



```

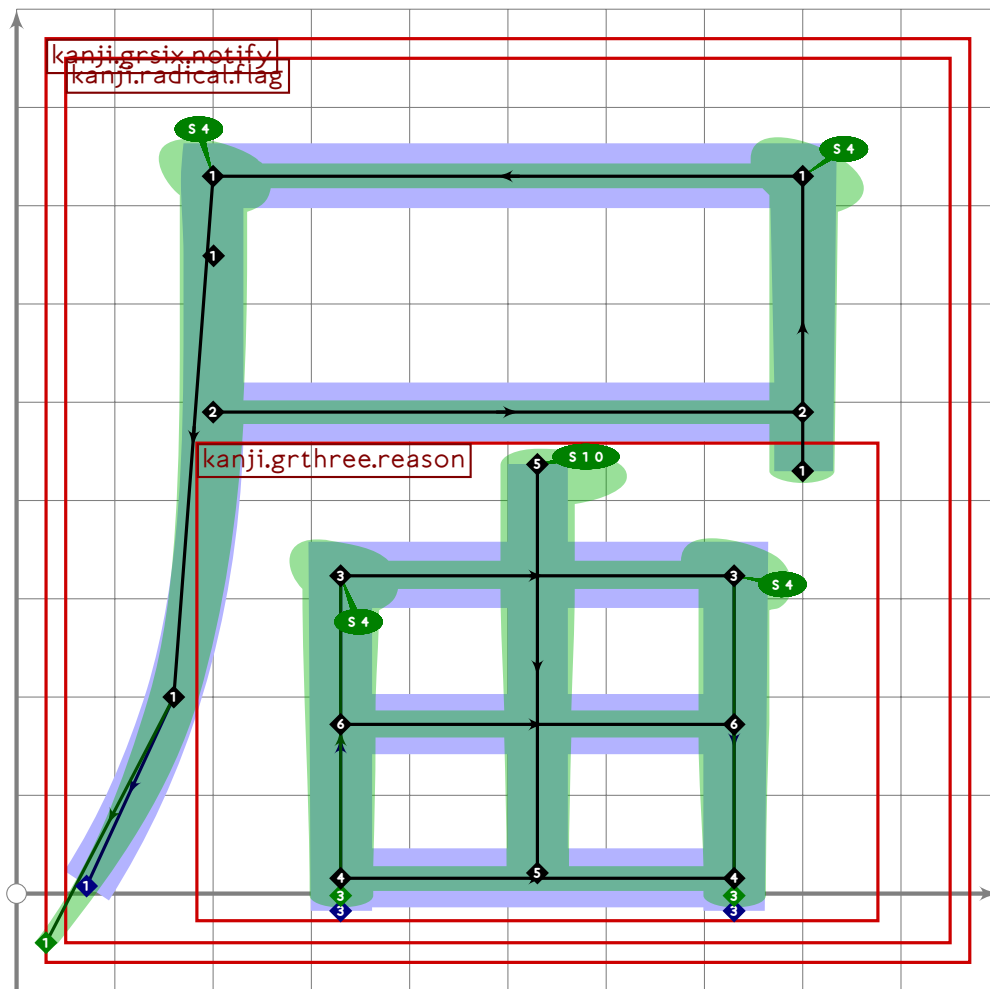
92
93 vardef kanji.grthree.island =
94   push_pbox_toexpand("kanji.grthree.island");
95   kanji.grtwo.bird;
96   pop_stroke;pop_stroke;pop_stroke;pop_stroke;
97   build_kanji.sscaled (0.6,0.25) shifted (-200,-325))
98   (kanji.grone.mountain);
99   expand_pbox;
100 enddef;
101
102
```



```

103
104 vardef kanji.grfive.reside =
105   push_pbox_toexpand("kanji.grfive.reside");
106   build_kanji.level(
107     kanji.radical.narrow_flag;
108     build_kanji.sscale(xyscaled (0.77,0.72) shifted (30,100))
109     (kanji.grtwo.old));
110   expand_pbox;
111 enddef;
112
113

```

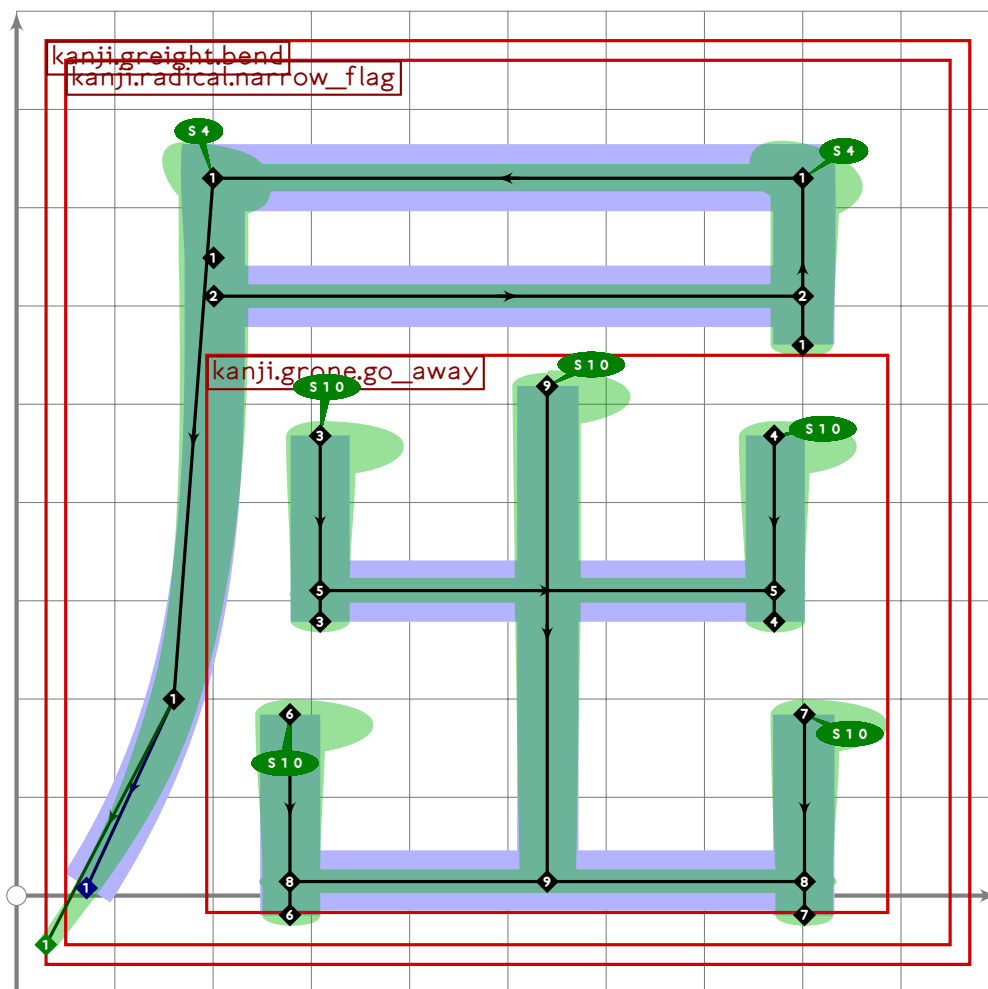


```

114
115 vardef kanji.grsix.notify =
116   push_pbox_toexpand("kanji.grsix.notify");
117   build_kanji.level(
118     kanji.radical.flag;
119     build_kanji.sscale(xyscaled (0.77,0.54) shifted (30,180))
120     (kanji.grthree.reason));
121   expand_pbox;
122 enddef;
123
124

```

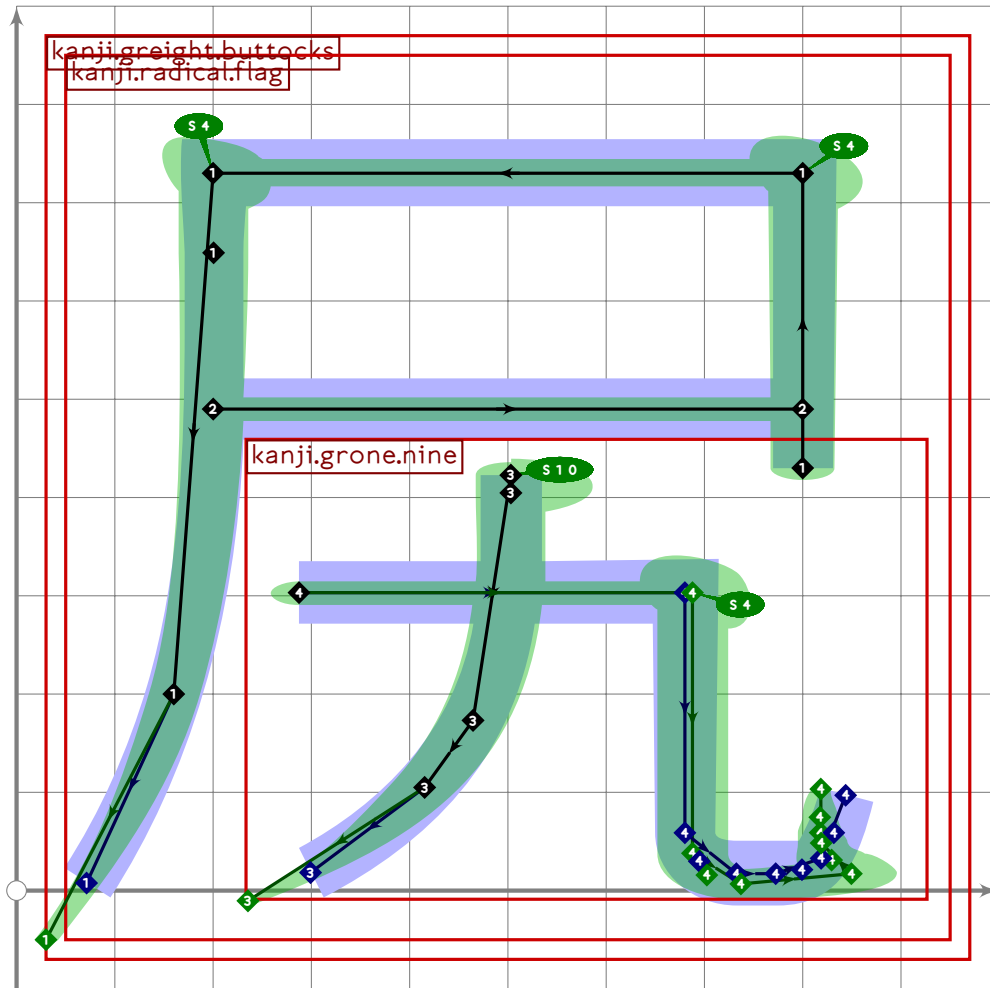
U+5C48
tsuku.uni5C48



```

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

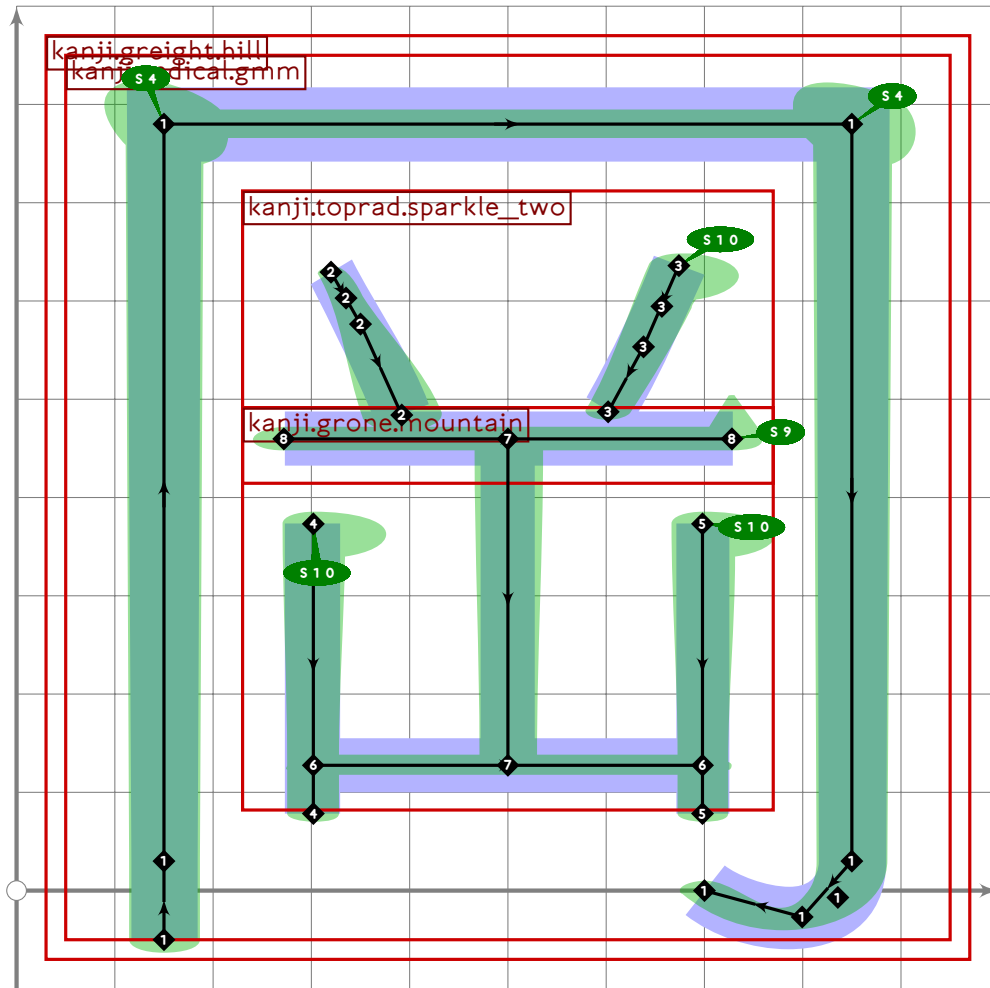
```

```

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

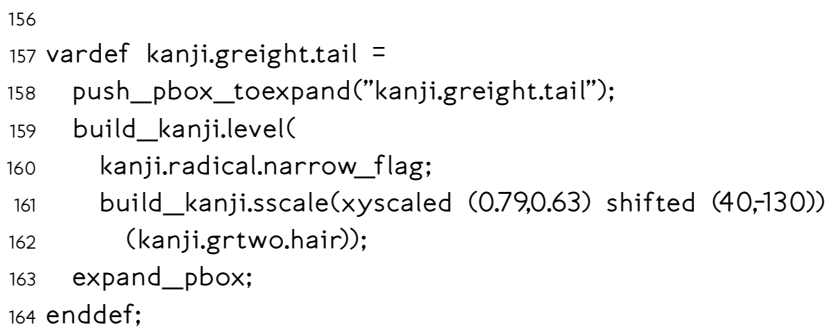
```



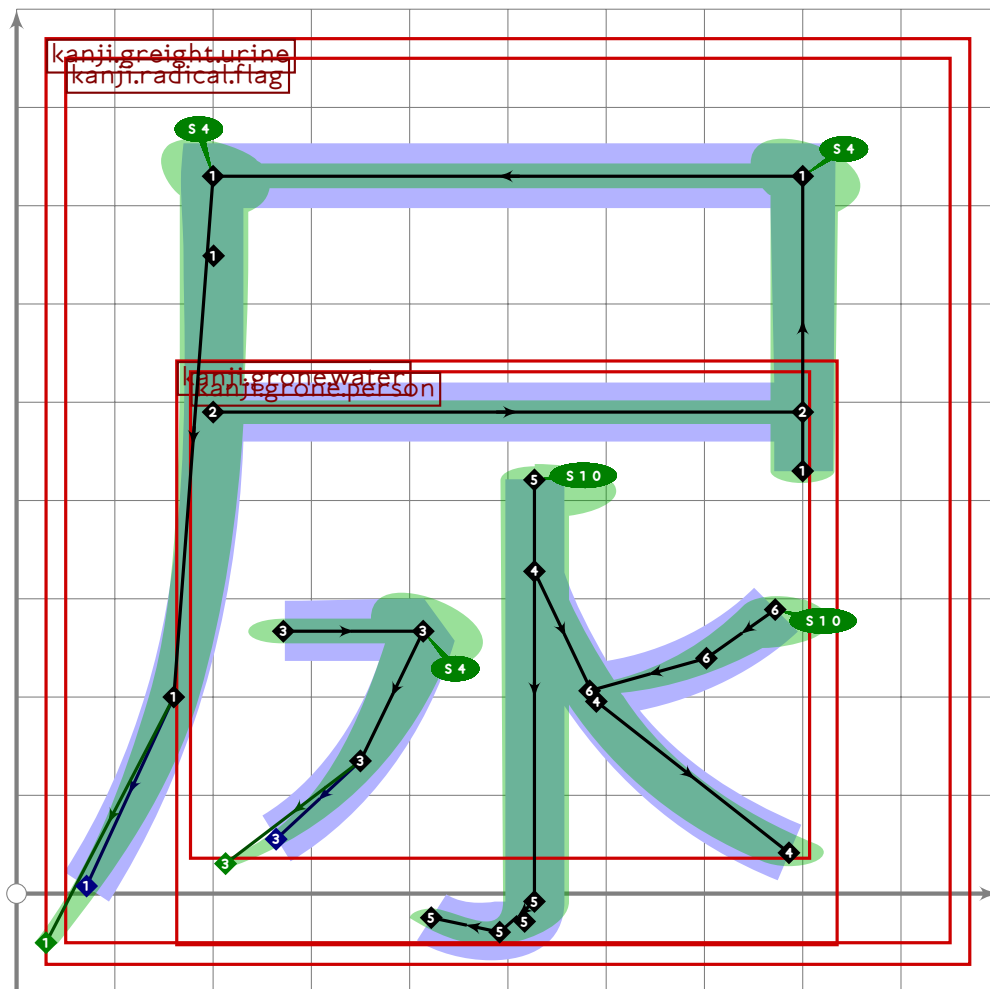
```

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

```



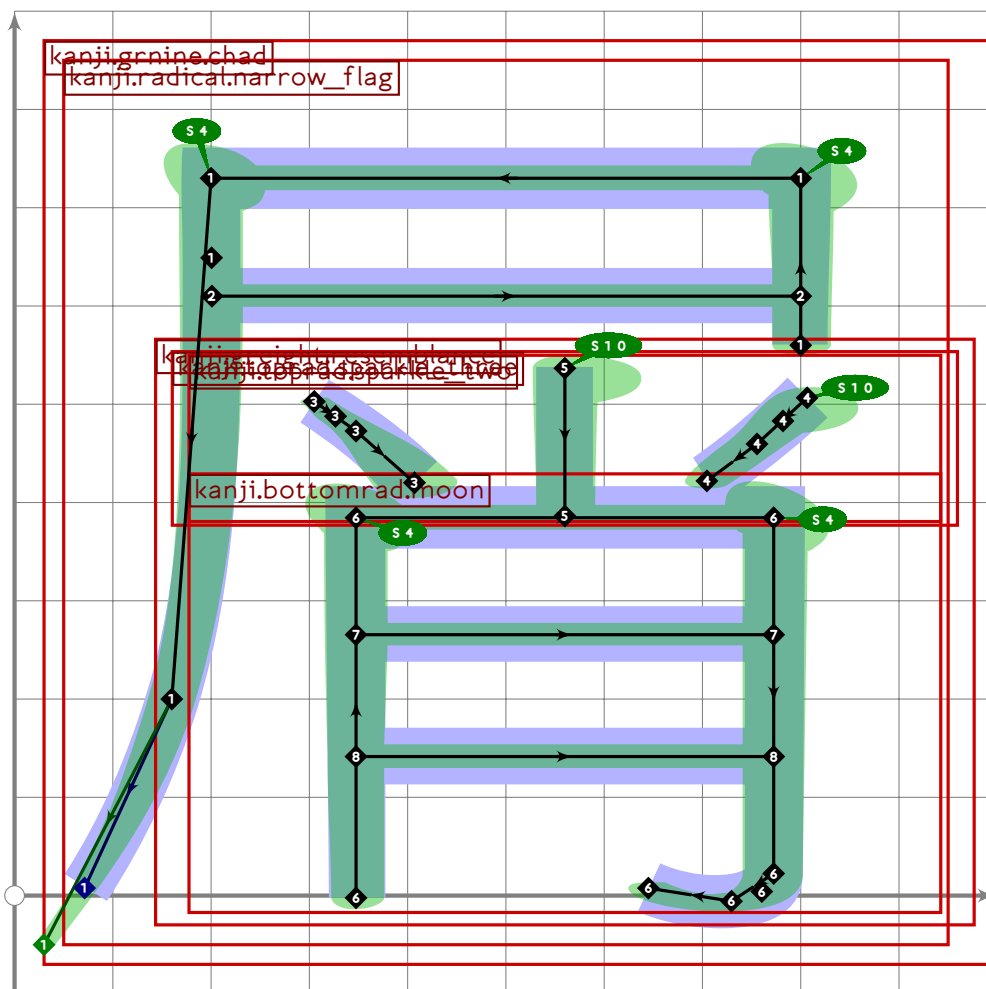
U+5C3F
tsuku.uni5C3F



```

165
166 vardef kanji.greight.urine =
167   push_pbox_toexpand("kanji.greight.urine");
168   build_kanji.level(
169     kanji.radical.flag;
170     build_kanji.sscale(xyscaled (0.7,0.55) shifted (20,200))
171     (kanji.grone.water));
172   expand_pbox;
173 enddef;
174
175

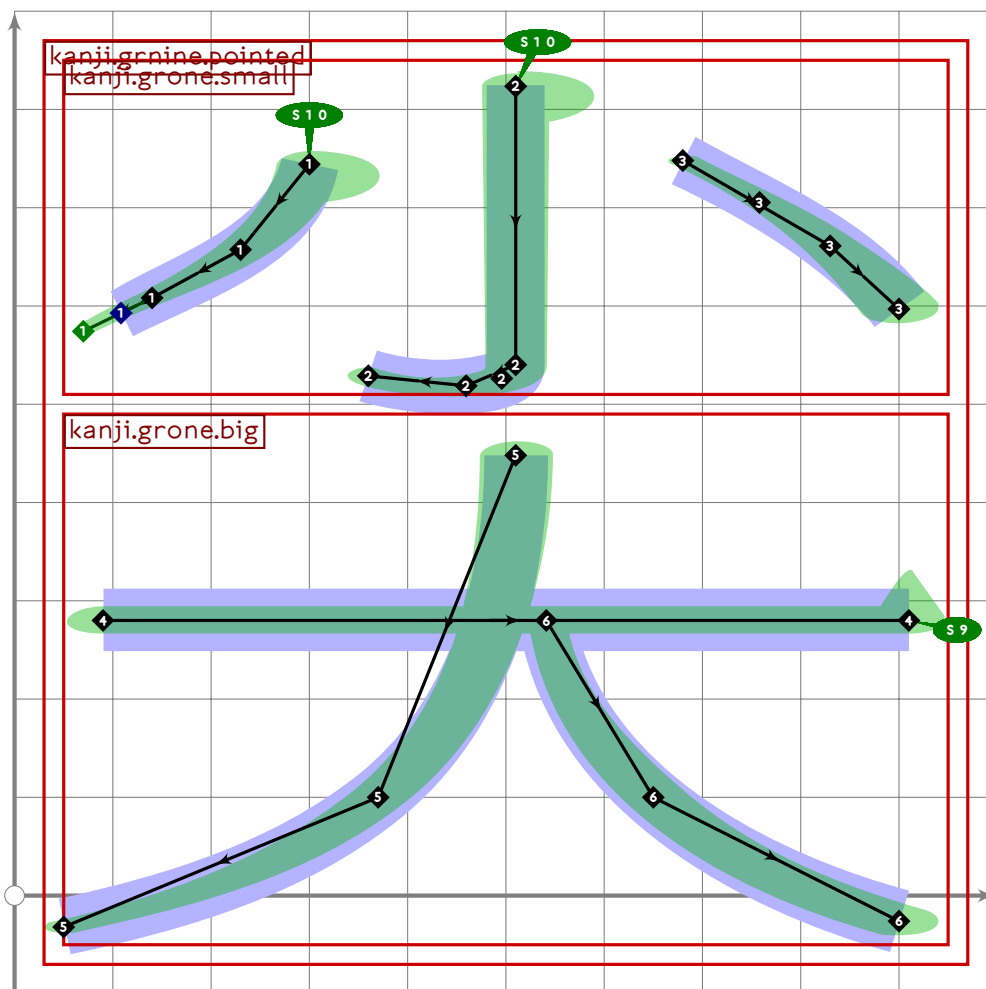
```



```

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

```



```

185
186 vardef kanji.grnine.pointed =
187   push_pbox_toexpand("kanji.grnine.pointed");
188   build_kanji.tb(500,-20)
189     (kanji.grone.small)
190     (kanji.grone.big);
191   expand_pbox;
192 enddef;
193
194
195
196 % not in dictionaries by itself, but appears as right of "professional"
197 beginsuglyph("uni5C03";3); [see page 724]
198 kanji.rightrad.professional;
199 tsu_render;
200 endtsuglyph;
201
202 % shuu/chii "small"
203 beginsuglyph("uni5C0F";15); [see page 469]
204 kanji.grone.small;
205 tsu_render;

```

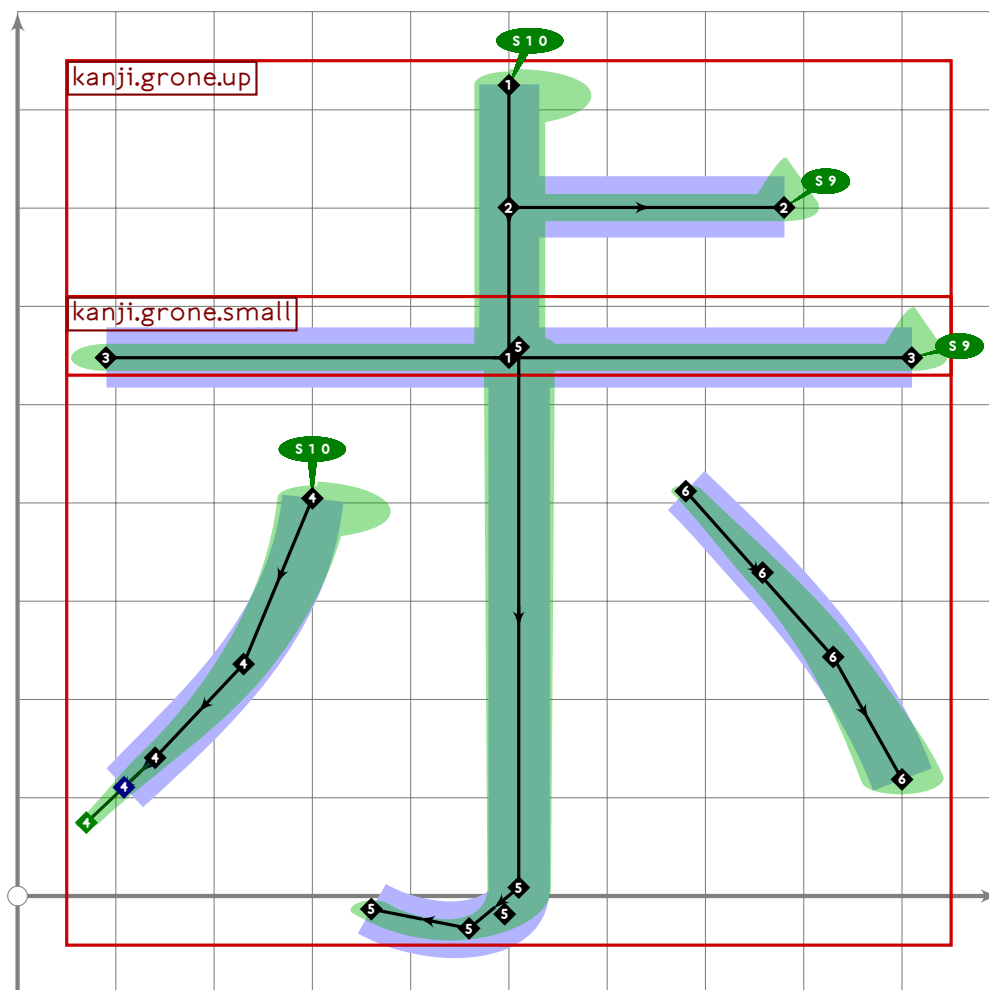
```

206 endtsuglyph;
207
208 % sho/suko "little"
209 begintsuglyph("uni5C11";17);
210   kanji.grtwo.little;
211   tsu_render;
212 endtsuglyph;
213
214 % pointed
215 begintsuglyph("uni5C16";22);
216   kanji.grnine.pointed;
217   tsu_render;
218 endtsuglyph;
219

```

[see page 518]

[see page 2068]

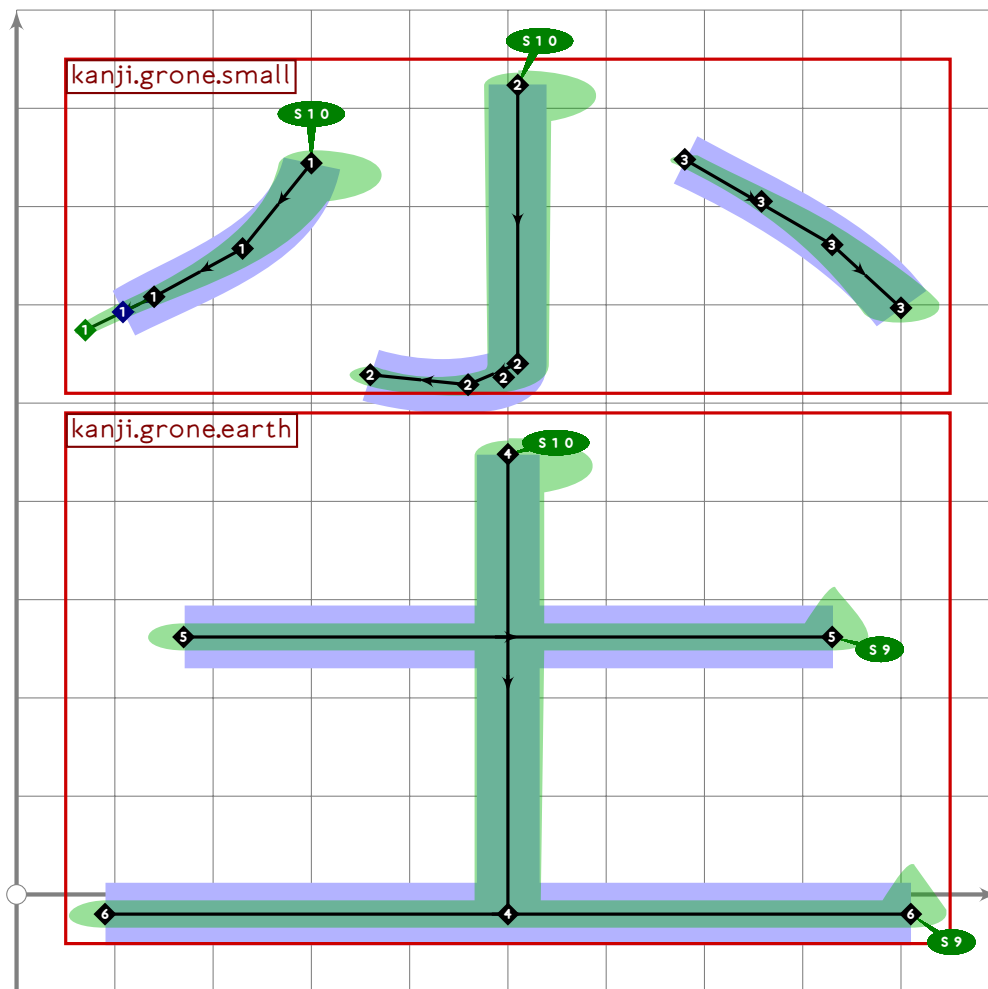


```

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

```

227



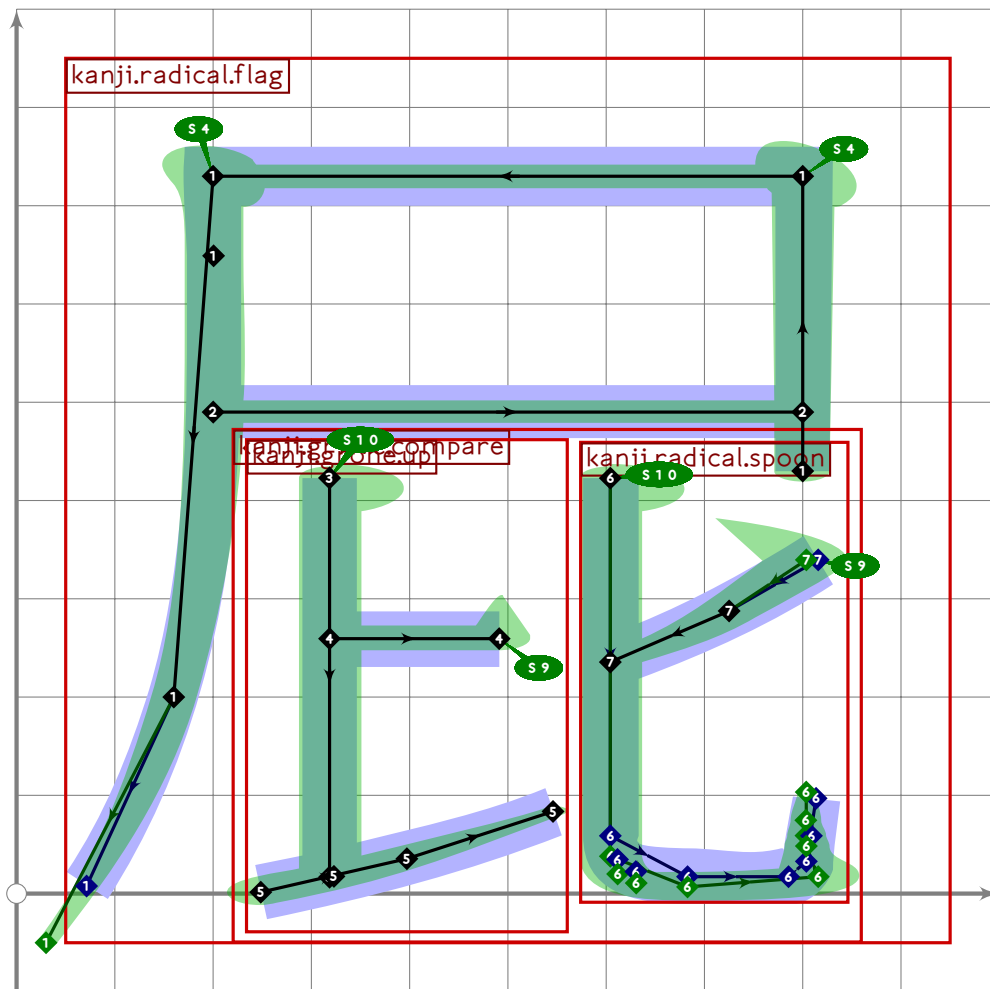
```

228 % extra
229 begintsuglyph("uni5C18";24);
230 build_kanji.tb(500,-20)
231   (kanji.grone.small)
232   (kanji.grone.earth);
233   tsu_render;
234 endtsuglyph;
235
236 % gyou/taka "high" as in mountain
237 begintsuglyph("uni5C2D";45);
238   kanji.grnine.mountain_high;
239   tsu_render;
240 endtsuglyph;
241
242 % shi/katashiro "corpse" or "flag radial"
243 begintsuglyph("uni5C38";56);
244   kanji.radical.flag;
245   tsu_render;
246 endtsuglyph;
247
```

[see page 791]

[see page 694]

248 % in/osa "a particular official rank"
 249 begintsuglyph("uni5C39";57); [see page 824]
 250 kanji.rare.director;
 251 tsu_render;
 252 endtsuglyph;
 253
 254 % shaku "foot (unit of measure)," "bamboo flute," or "blowjob"
 255 begintsuglyph("uni5C3A";58); [see page 655]
 256 kanji.grsix.blowjob;
 257 tsu_render;
 258 endtsuglyph;
 259
 260 % kou/shiri "buttocks"
 261 begintsuglyph("uni5C3B";59); [see page 2063]
 262 kanji.greight.buttocks;
 263 tsu_render;
 264 endtsuglyph;
 265
 266 % ni/ama "nun"
 267 begintsuglyph("uni5C3C";60); [see page 761]
 268 kanji.greight.nun;
 269 tsu_render;
 270 endtsuglyph;
 271
 272 % bi/o "tail"
 273 begintsuglyph("uni5C3E";62); [see page 2065]
 274 kanji.greight.tail;
 275 tsu_render;
 276 endtsuglyph;
 277
 278 % nyōu "urine"
 279 begintsuglyph("uni5C3F";63); [see page 2066]
 280 kanji.greight.urine;
 281 tsu_render;
 282 endtsuglyph;
 283
 284 % kyōku/tsubone "bureau"
 285 begintsuglyph("uni5C40";64); [see page 2057]
 286 kanji.grthree.bureau;
 287 tsu_render;
 288 endtsuglyph;
 289



```

290 % extra "fart"
291 begintsuglyph("uni5C41",65);
292   build_kanji.level(
293     kanji.radical.flag;
294     build_kanji.sscale(xyscaled (0.68,0.52) shifted (40,-170))
295     (kanji.grfive.compare));
296   tsu_render;
297 endtsuglyph;
298
299 % kyo/i "reside"
300 begintsuglyph("uni5C45",69);
301   kanji.grfive.reside;
302   tsu_render;
303 endtsuglyph;
304
305 % kutsu/kaga "bend"
306 begintsuglyph("uni5C48",72);
307   kanji.grfive.bend;
308   tsu_render;
309 endtsuglyph;
310

```

[see page 2060]

[see page 2062]

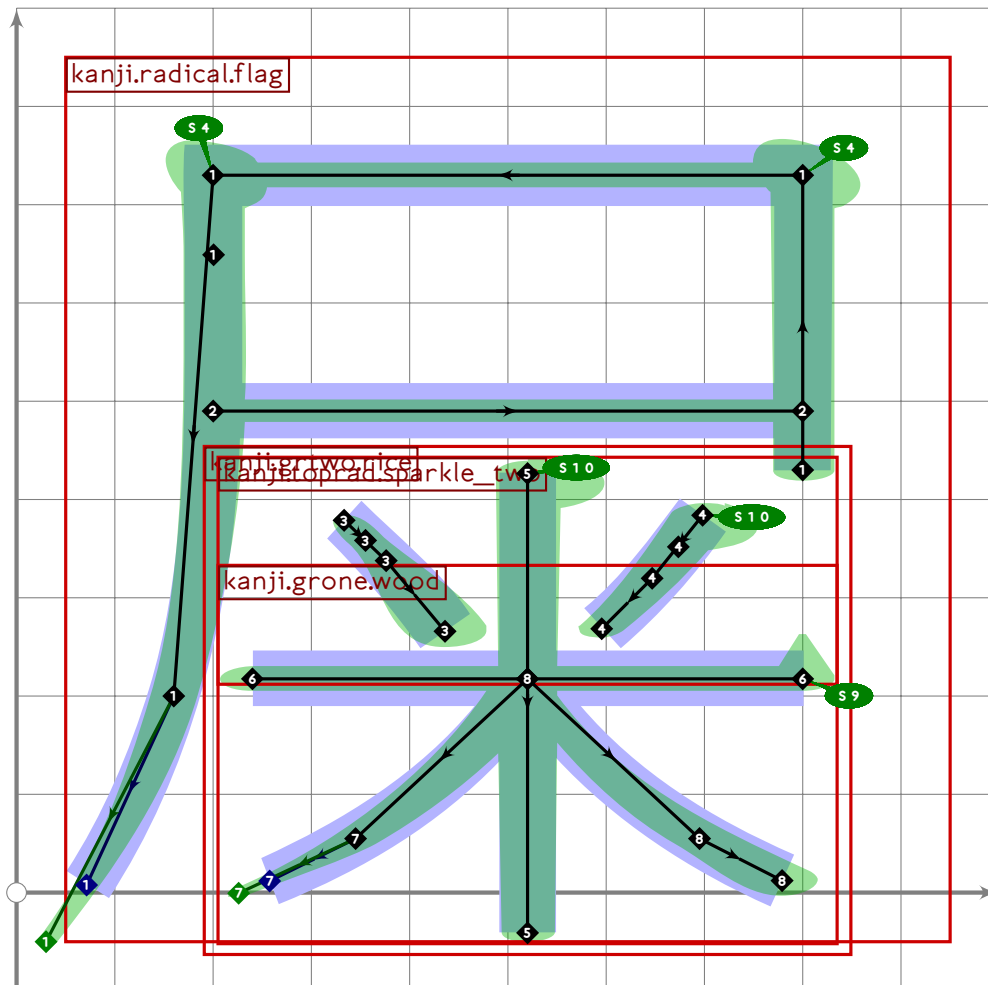
```

311 % kai/todo "notify"
312 begintsuglyph("uni5C4A";74);
313   kanji.grsix.notify;
314   tsu_render;
315 endtsuglyph;
316
317 % oku/ya "house"
318 begintsuglyph("uni5C4B";75);
319   kanji.grthree.house;
320   tsu_render;
321 endtsuglyph;
322

```

[see page 2061]

[see page 2058]

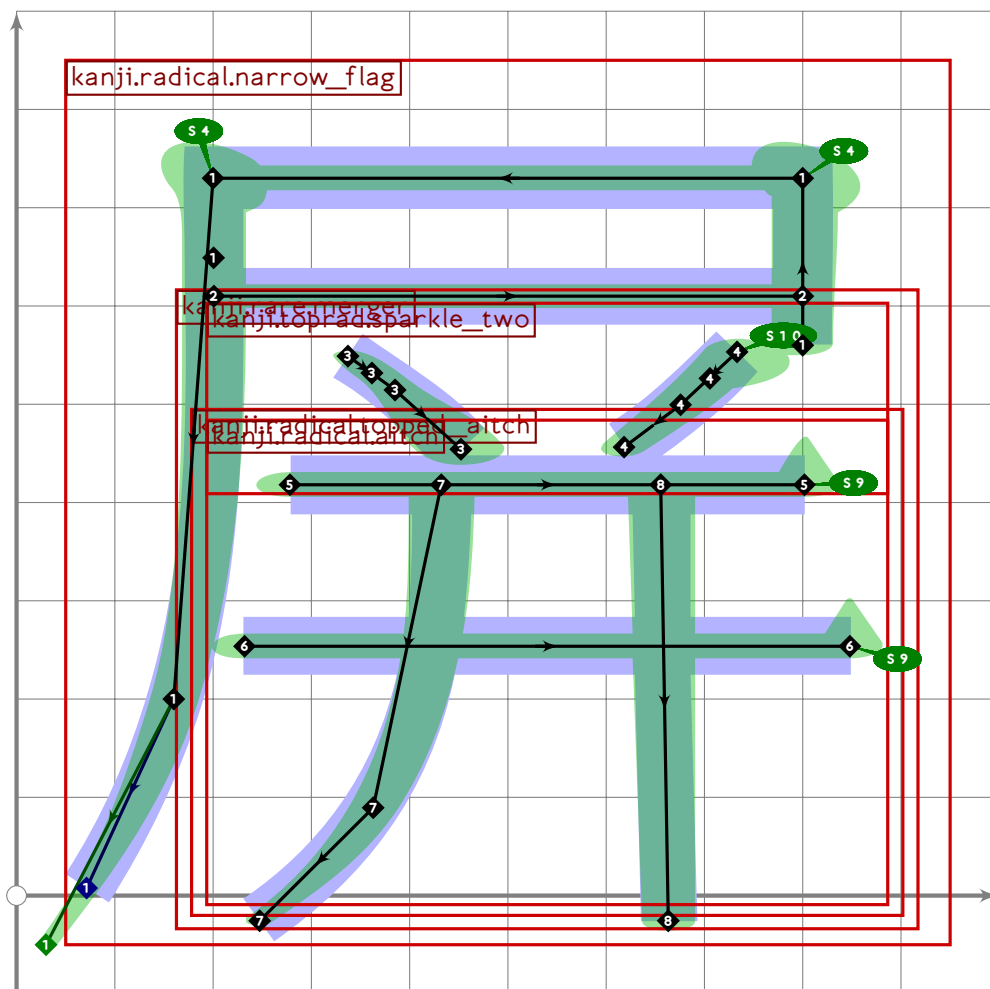


```

323 % extra "shit"
324 begintsuglyph("uni5C4E";78);
325   build_kanji.level(
326     kanji.radical.flag;
327     build_kanji.sscale(xyscaled (0.7,0.55) shifted (20;200))
328     (kanji.grtwo.rice));
329   tsu_render;
330 endtsuglyph;
331

```

U+5C4F
tsuku.uni5C4F

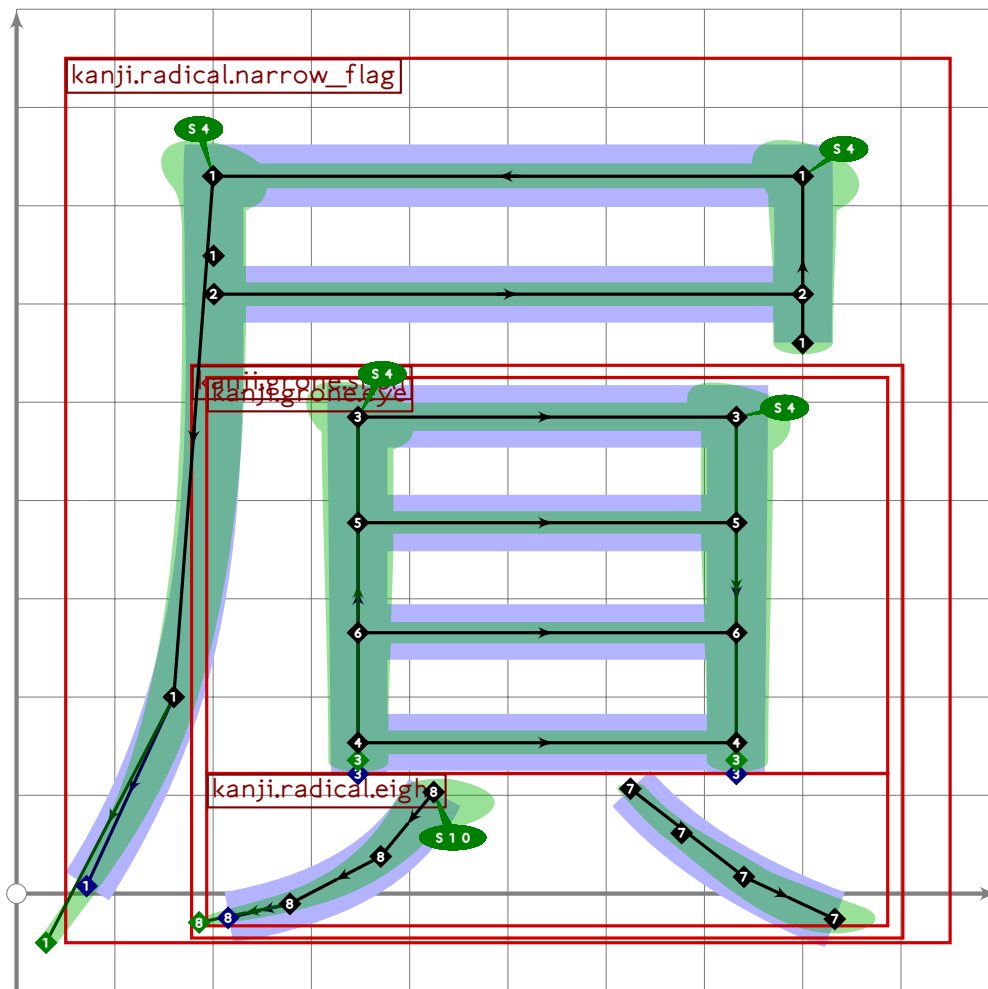


```

332 % extra "fence"
333 begintsuglyph("uni5C4F";79);
334   build_kanji.level(
335     kanji.radical.narrow_flag;
336     build_kanji.sscale(xyscaled (0.77,0.68) shifted (40,-100))
337     (kanji.rare.merger));
338   tsu_render;
339 endtsuglyph;
340
341 % setsu/kuzu "chad"
342 begintsuglyph("uni5C51";81);
343   kanji.grnine.chad;
344   tsu_render;
345 endtsuglyph;
346

```

[see page 2067]

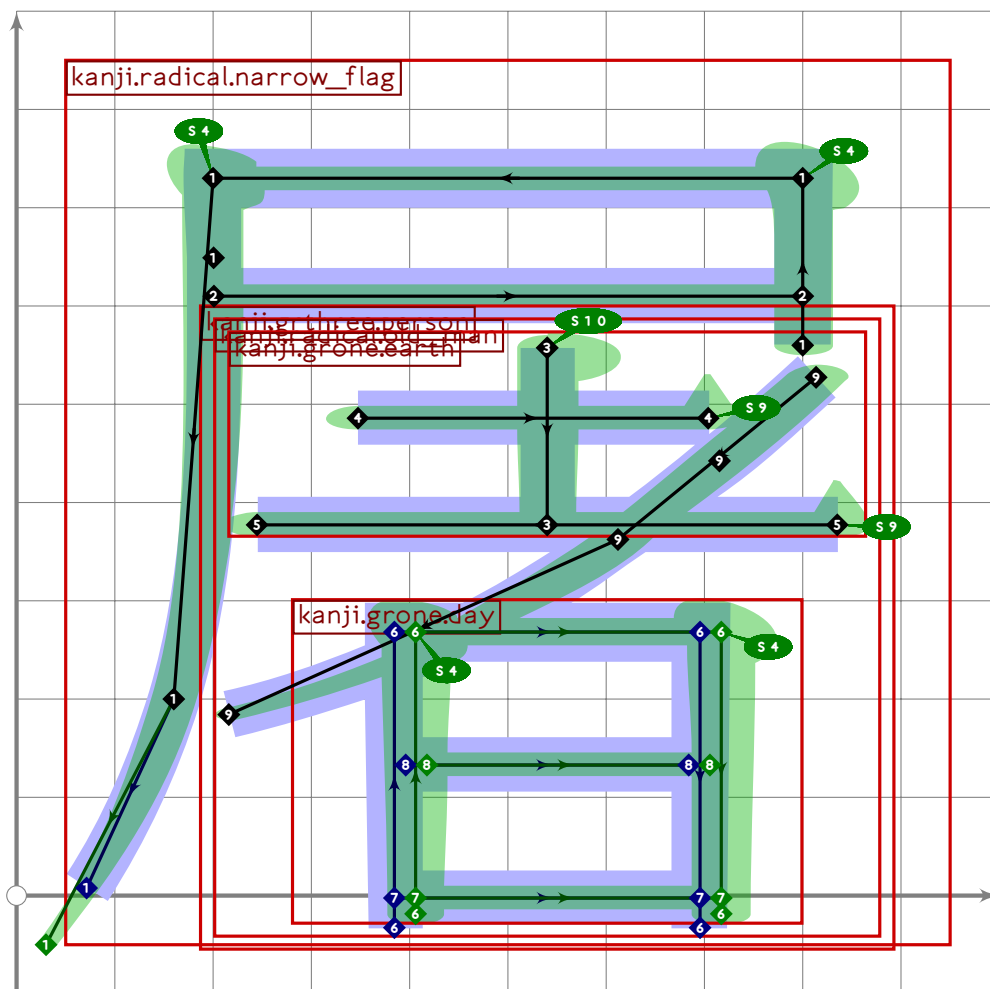


```

347 % extra "exerting strength, in aikido"
348 begintsuglyph("uni5C53";83);
349   build_kanji.level(
350     kanji.radical.narrow_flag;
351     build_kanji.sscale(xyscaled (0.77,0.62) shifted (40,-150))
352       (kanji.grone.shell));
353   tsu_render;
354 endtsuglyph;
355

```

U+5C60
tsuku.uni5C60



```

356 % extra "slaughter"
357 begintsuglyph("uni5C60";96);
358   build_kanji.level(
359     kanji.radical.narrow_flag;
360     build_kanji.sscale(xyscaled (0.72,0.66) shifted (40,-120))
361     (kanji.grthree.person));
362   tsu_render;
363 endtsuglyph;
364
365 % yama/san "mountain"
366 begintsuglyph("uni5C71";113);
367   kanji.grone.mountain;
368   tsu_render;
369 endtsuglyph;
370
371 % kou/oka "hill"
372 begintsuglyph("uni5CA1";161);
373   kanji.greight.hill;
374   tsu_render;
375 endtsuglyph;
376

```

[see page 449]

[see page 2064]

```

377 % gan/iwa "rock"
378 begintsuglyph("uni5CA9";169); [see page 2055]
379 kanji.grtwo.rock;
380 tsu_render;
381 endtsuglyph;
382
383 % gan/kishi "beach"
384 begintsuglyph("uni5CB8";184); [see page 2056]
385 kanji.grthree.beach;
386 tsu_render;
387 endtsuglyph;
388
389 % tou/shima "island"
390 begintsuglyph("uni5CF6";246); [see page 2059]
391 kanji.grthree.island;
392 tsu_render;
393 endtsuglyph;
394
395 _____
396
397 endfont;
398
399 _____

```

tsuku-5d.mp

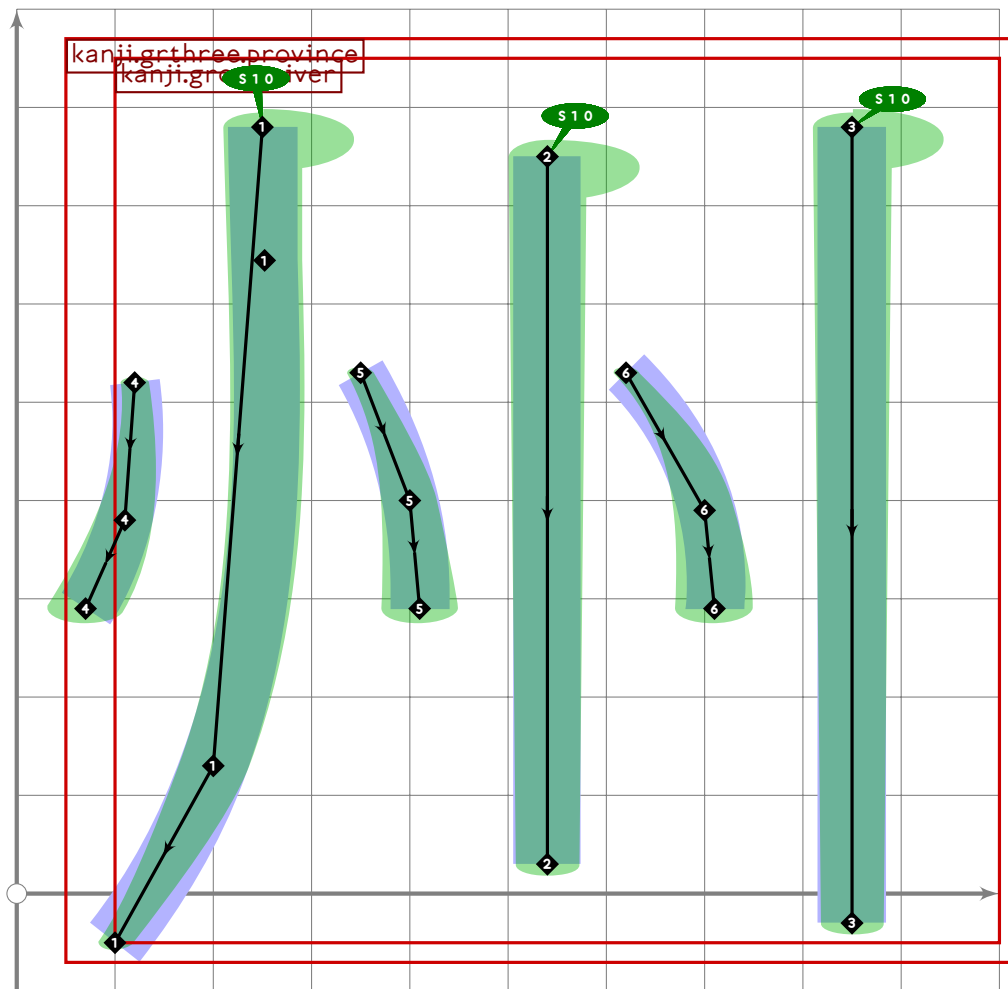
```
1 %
2 % Unicode page 5D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

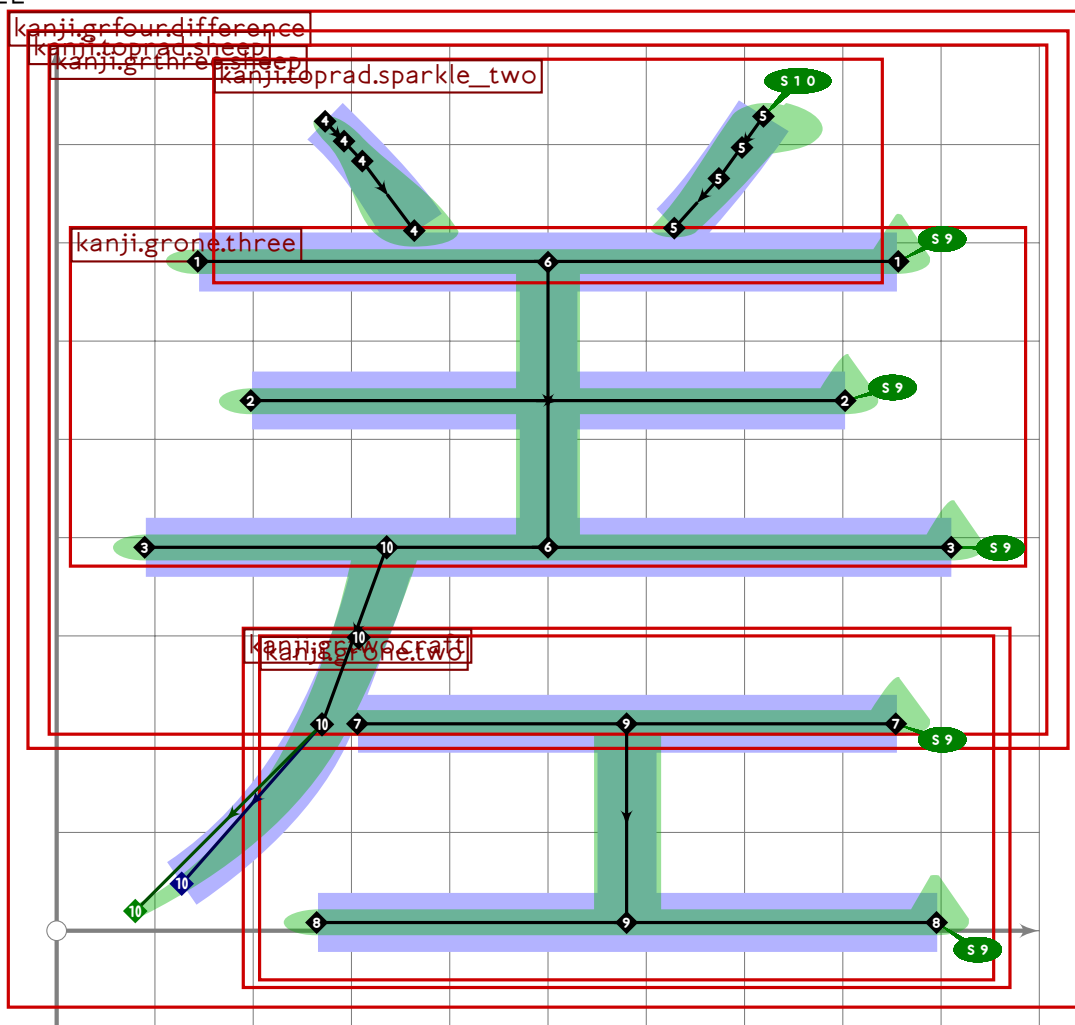

```

```

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

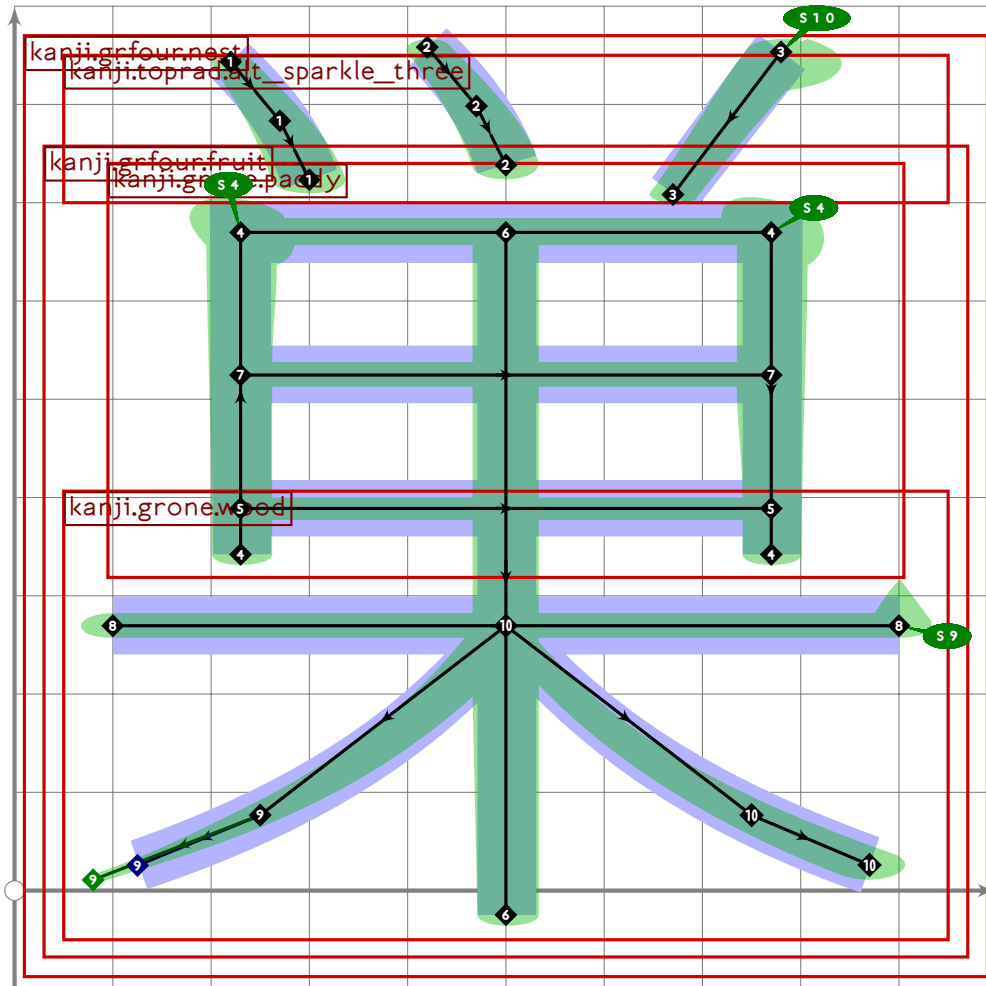
```



```

68
69 vardef kanji.grfour.difference =
70   push_pbox_toexpand("kanji.grfour.difference");
71   build_kanji.level(
72     build_kanji.tb(250,100)
73     (build_kanji.sscale(xscaled 1.08)(kanji.toprad.sheep))
74     (build_kanji.sscale(xscaled 0.83 shifted (80,0))(kanji.grtwo.craft));
75   push_stroke(
76     (point 0.30 of get_stroke(-6)).tension 1.2..(270,210)..(80,20),
77     (1.6,1.6)-(14,14)-(0,9,0,9)););
78   expand_pbox;
79 enddef;

```

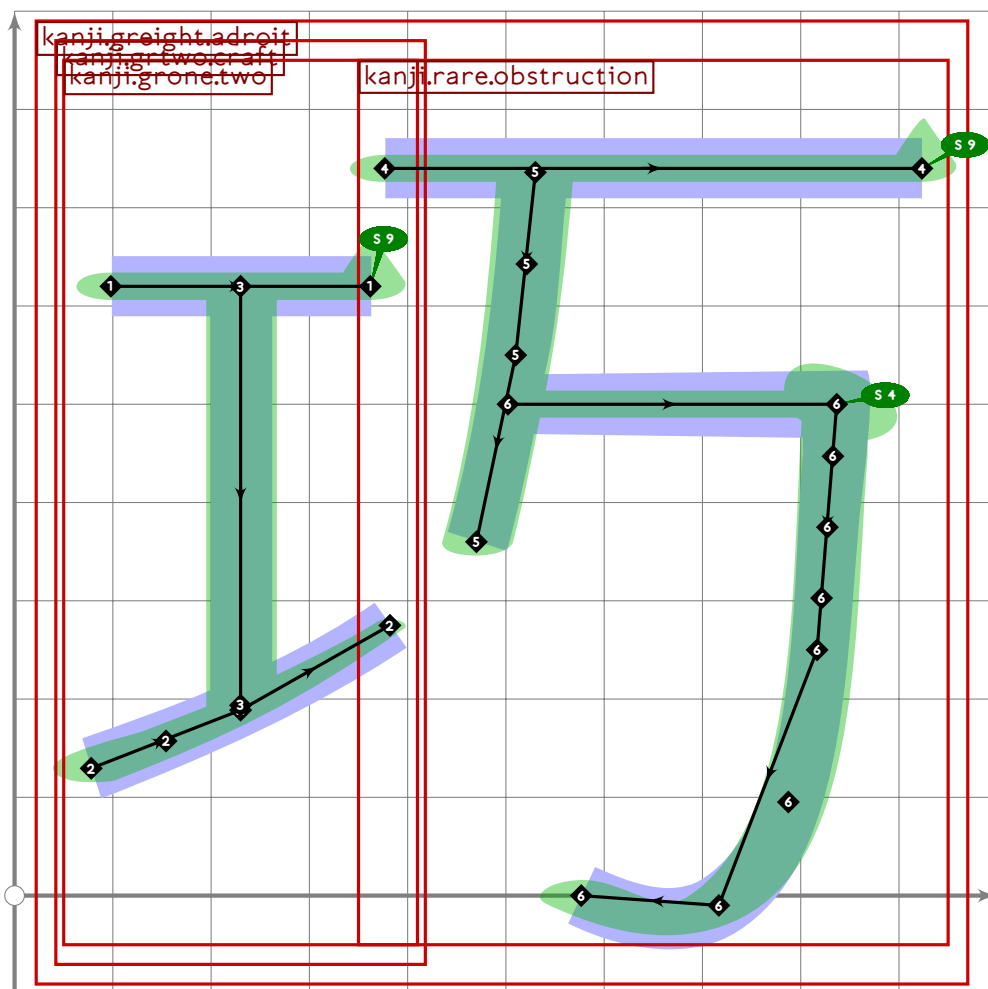


```

80
81 vardef kanji.grfour.nest =
82   push_pbox_toexpand("kanji.grfour.nest");
83   build_kanji.level(build_kanji.tb(720,40)
84     (kanji.toprad.alt_sparkle_three)
85     (kanji.grfour.fruit));
86   expand_pbox;
87 enddef;
88
89

```

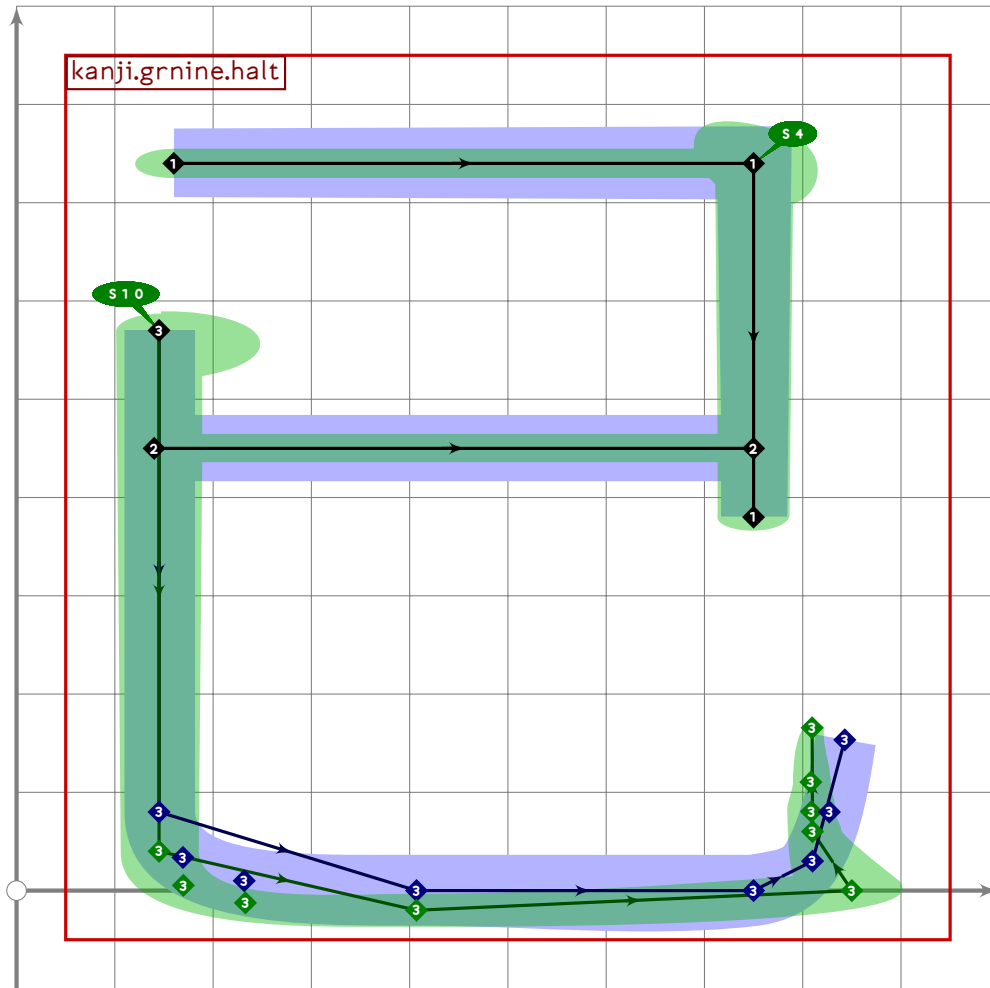
U+5DE7
tsuku.uni5DE7



```

90
91 vardef kanji.greight.adroit =
92   push_pbox_toexpand("kanji.greight.adroit");
93   build_kanji.level(build_kanji.lr(380,60)
94     (build_kanji.lift_skirt(400,250)
95       (kanji.grtwo.craft))
96     (kanji.rare.obstruction));
97   expand_pbox;
98 enddef;
99
100

```



```

101
102 vardef kanji.grnine.halt =
103   push_pbox_toexpand("kanji.grnine.halt");
104   push_stroke((160,740)–(750,740)–(750,380),
105     (1.6,1.6)–(1.6,1.6)–(1.5,1.5));
106   set_botip(0,1,1);
107   set_boserif(0,1,4);
108   push_stroke((140,450)–(750,450),
109     (1.5,1.5)–(1.5,1.5));
110   push_stroke((145,570),(1.7,1.7));
111   set_boserif(0,0,10);
112   build_kanji.add_ltail(0);
113   expand_pbox;
114 enddef;
115
116
117
118 % hou/kuzu "demolish"
119 begintsuglyph("uni5D29";41);
120 kanji.greight.demolish;
121 tsu_render;

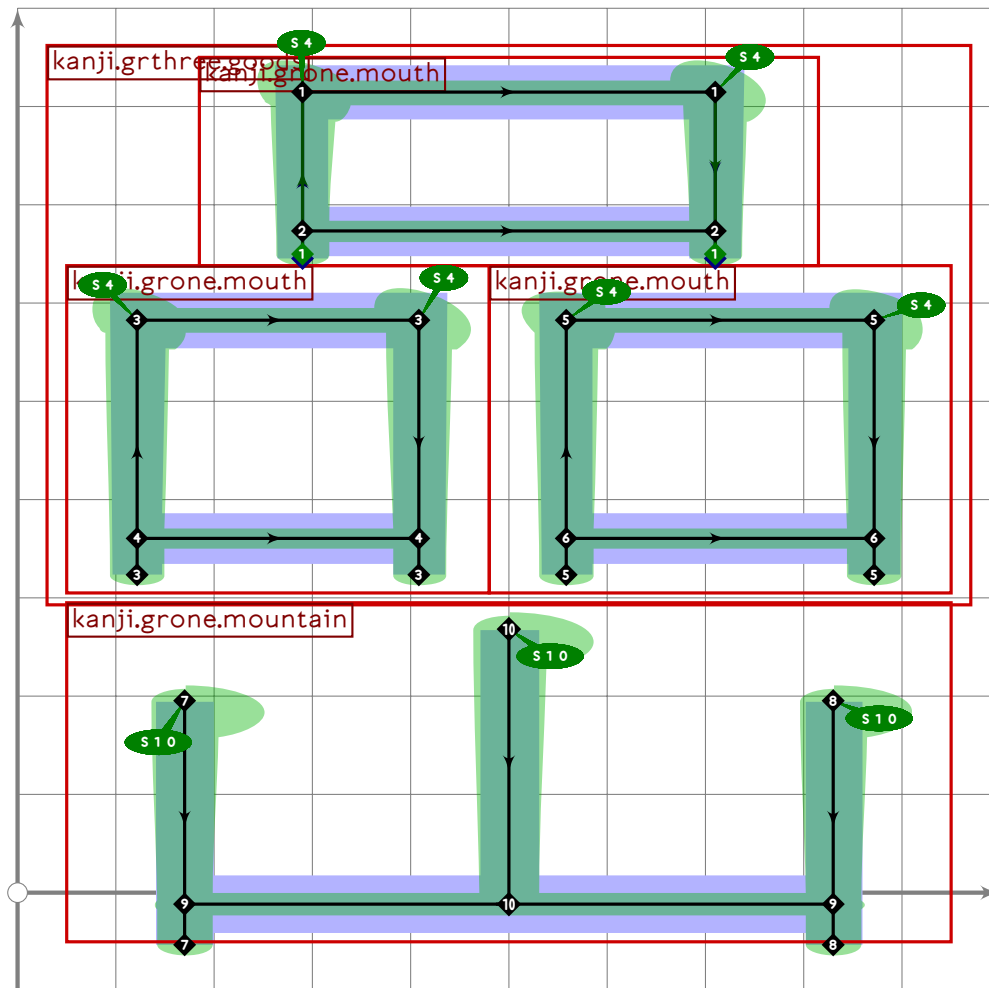
```

[see page 741]

U+5D52
tsuku.uni5D52

122 endtsuglyph;

123



124 % extra

125 begintsuglyph("uni5D52";82);

126 build_kanji.tb(300;10)

127 (kanji.grthree.goods)

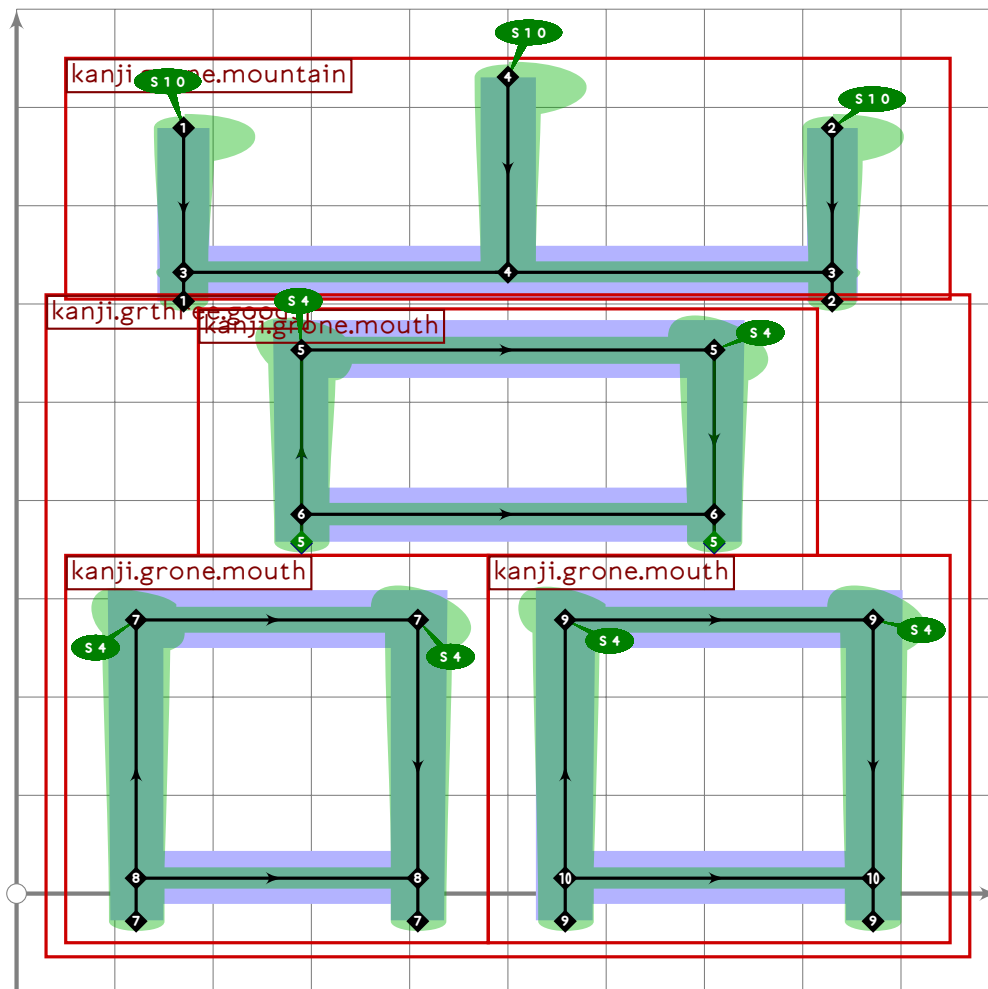
128 (kanji.grone.mountain);

129 tsu_render;

130 endtsuglyph;

131

5D



```

132 % extra
133 begintsuglyph("uni5D53";83);
134   build_kanji.level(build_kanji.tb(600,-10)
135     (kanji.grone.mountain)
136     (kanji.grthree.goods));
137   tsu_render;
138 endtsuglyph;
139
140 % kawa "river"
141 begintsuglyph("uni5DDD";221);
142   kanji.grone.river;
143   tsu_render;
144 endtsuglyph;
145
146 % shuu "province"
147 begintsuglyph("uni5DDE";222);
148   kanji.grthree.province;
149   tsu_render;
150 endtsuglyph;
151
152 % sou/su "nest"

```

[see page 463]

[see page 2079]

```

153 begintsuglyph("uni5DE3";227); [see page 2081]
154   kanji.grfour.nest;
155   tsu_render;
156 endtsuglyph;
157
158 % takumi "craft"
159 begintsuglyph("uni5DE5";229); [see page 494]
160   kanji.grtwo.craft;
161   tsu_render;
162 endtsuglyph;
163
164 % hidari "left"
165 begintsuglyph("uni5DE6";230); [see page 445]
166   kanji.grone.left;
167   tsu_render;
168 endtsuglyph;
169
170 % kou/taku "adroit"
171 begintsuglyph("uni5DE7";231); [see page 2082]
172   kanji.greight.adroit;
173   tsu_render;
174 endtsuglyph;
175
176 % sa "difference"
177 begintsuglyph("uni5DEE";238); [see page 2080]
178   kanji.grfour.difference;
179   tsu_render;
180 endtsuglyph;
181
182 % ko/ki "self" (dict. says also "snake" but almost no words use it that way)
183 begintsuglyph("uni5DF1";241); [see page 667]
184   kanji.grsix.self;
185   tsu_render;
186 endtsuglyph;
187
188 % i/ya "halt"
189 begintsuglyph("uni5DF2";242); [see page 2083]
190   kanji.grnine.halt;
191   tsu_render;
192 endtsuglyph;
193
194 % shi/mi "snake zodiac sign"
195 begintsuglyph("uni5DF3";243); [see page 799]
196   kanji.grnine.snake_sign;
197   tsu_render;
198 endtsuglyph;
199
200 % ha/tomoe "tomoe"

```



```

201 begintsuglyph("uni5DF4";244); [see page 805]
202   kanji.grnine.tomoe;
203   tsu_render;
204 endtsuglyph;
205
206 % kou/chimata "fork in the road"
207 begintsuglyph("uni5DF7";247); [see page 788]
208   kanji.grnine.fork_in_the_road;
209   tsu_render;
210 endtsuglyph;
211
212 % son/tatsumi "southeast"
213 begintsuglyph("uni5DFD";253); [see page 800]
214   kanji.grnine.southeast;
215   tsu_render;
216 endtsuglyph;
217
218 % kin/oo/aba "towel" or "hanging scroll"
219 begintsuglyph("uni5DFE";254); [see page 777]
220   kanji.greight.towel;
221   tsu_render;
222 endtsuglyph;
223
224 _____
225
226 endfont;
227
228 _____

```

tsuku-5e.mp

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

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

```
39 input gradefour.mp;
```

```
40 input gradenine.mp;
```

```
41 input gradeone.mp;
```

```
42 input gradesix.mp;
```

```
43 input gradethree.mp;
```

```
44 input gradetwo.mp;
```

```
45 input leftrad.mp;
```

```
46 input radical.mp;
```

```
47 input rare.mp;
```

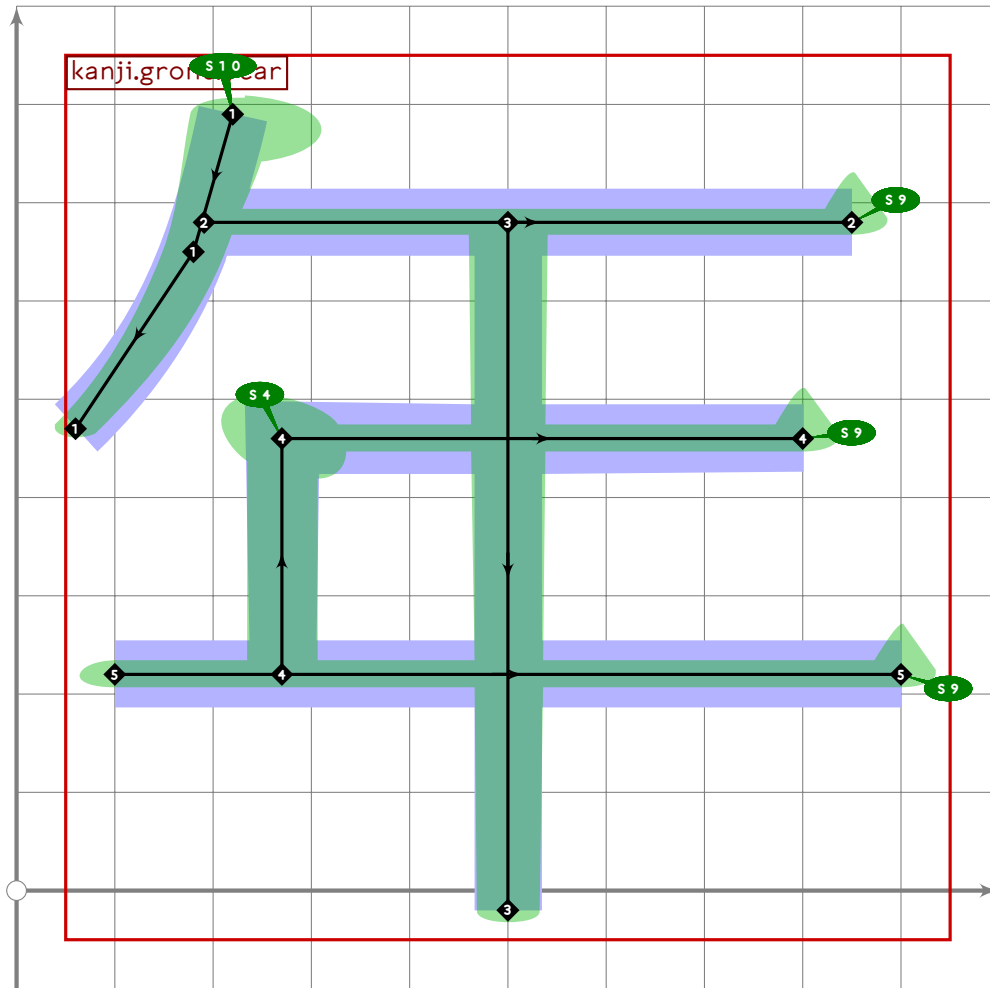
```
48 input toprad.mp;
```

```
49
```

```
50 do_late_includes;
```

```
51
```

```
52
```

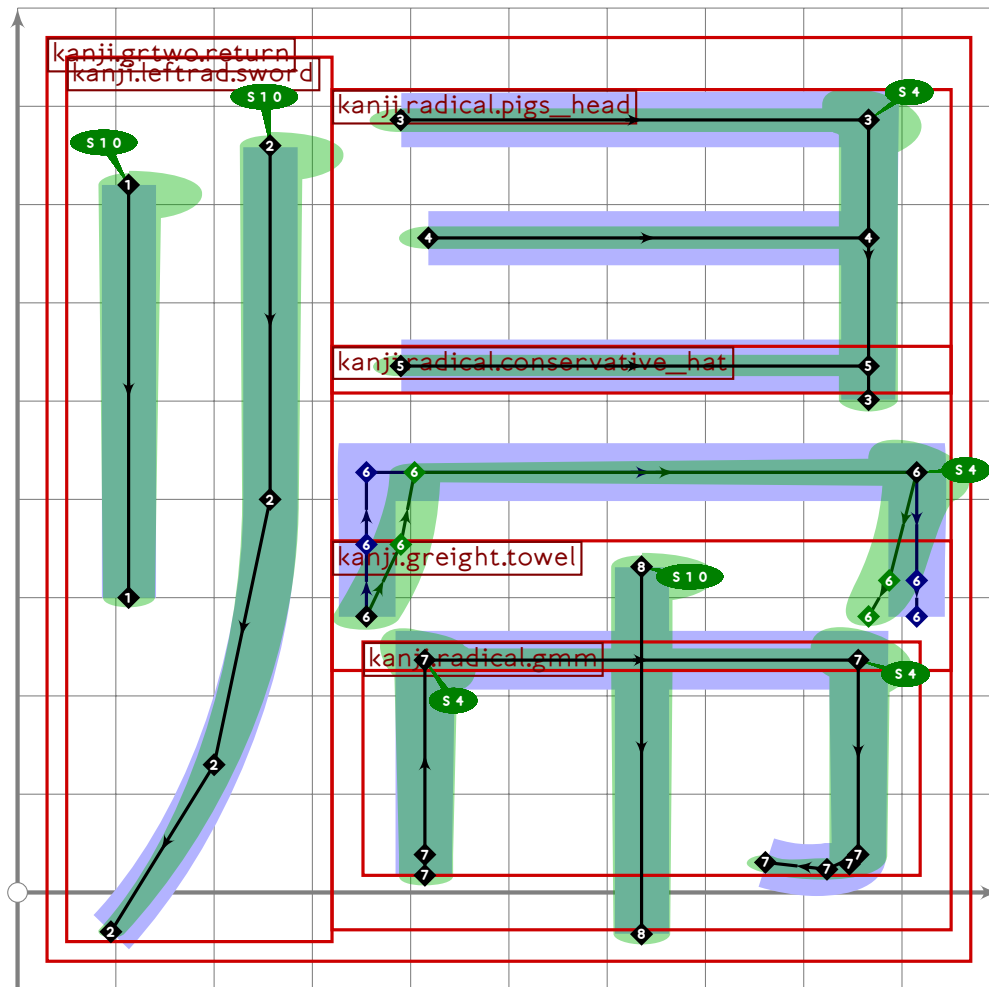


```

53
54 vardef kanji.grone.year =
55   push_pbox_toexpand("kanji.grone.year");
56   push_stroke((220,790){curl 0!}..(180,650)..(60,470),
57     (1,7,1,7)-(1,4,1,4)-(1,1,1,1));
58   set_boserif(0,0,10);
59   push_stroke(
60     (((0,680)-(1000,680)) intersectionpoint get_stroke(0))-(850,680),
61     (1,4,1,4)-(1,5,1,5));
62   set_boserif(0,1,9);
63   push_stroke((500,680)-(500,-20),(1,6,1,6)-(1,4,1,4));
64   push_stroke((270,220)-(270,460)-(800,460),
65     (1,5,1,5)-(1,5,1,5)-(1,5,1,5));
66   set_botip(0,1,1);
67   set_boserif(0,1,4);
68   set_boserif(0,2,9);
69   push_stroke((100,220)-(900,220),(1,5,1,5)-(1,5,1,5));
70   set_boserif(0,1,9);
71   expand_pbox;
72 enddef;
73

```

74

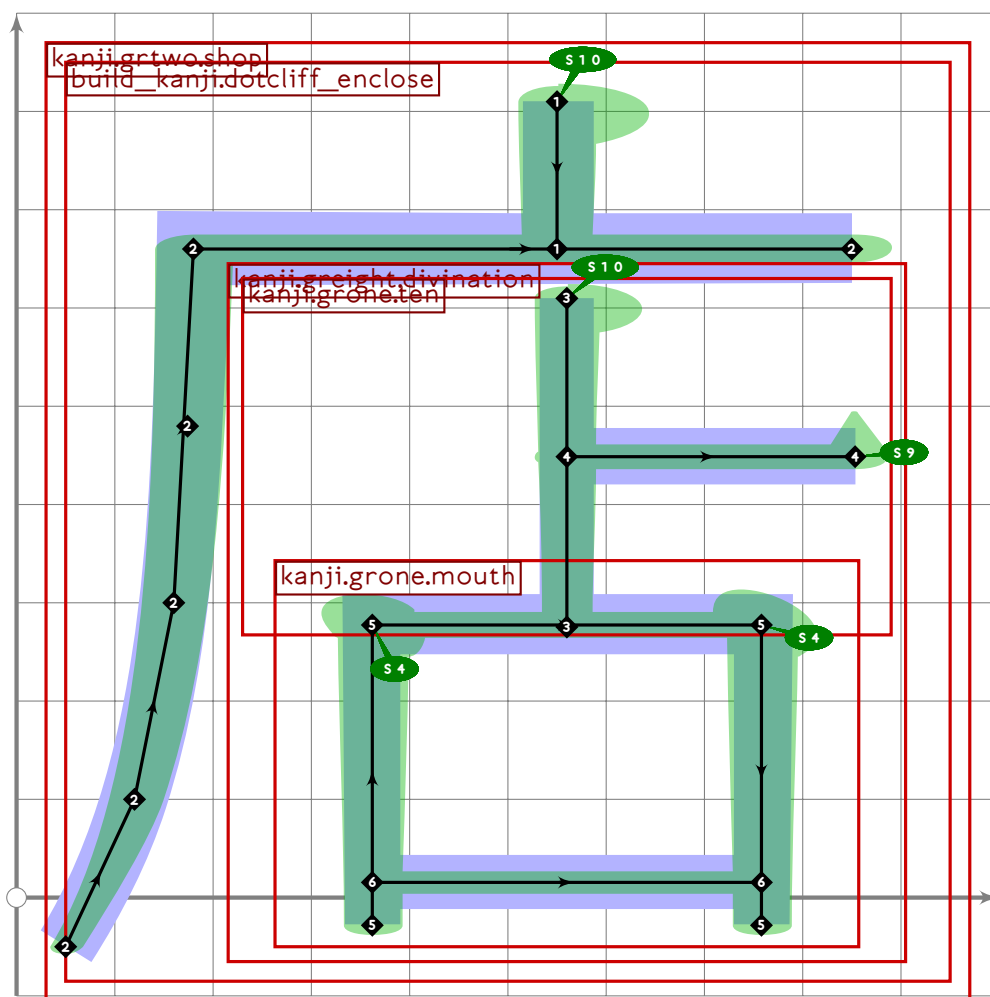


75

```

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

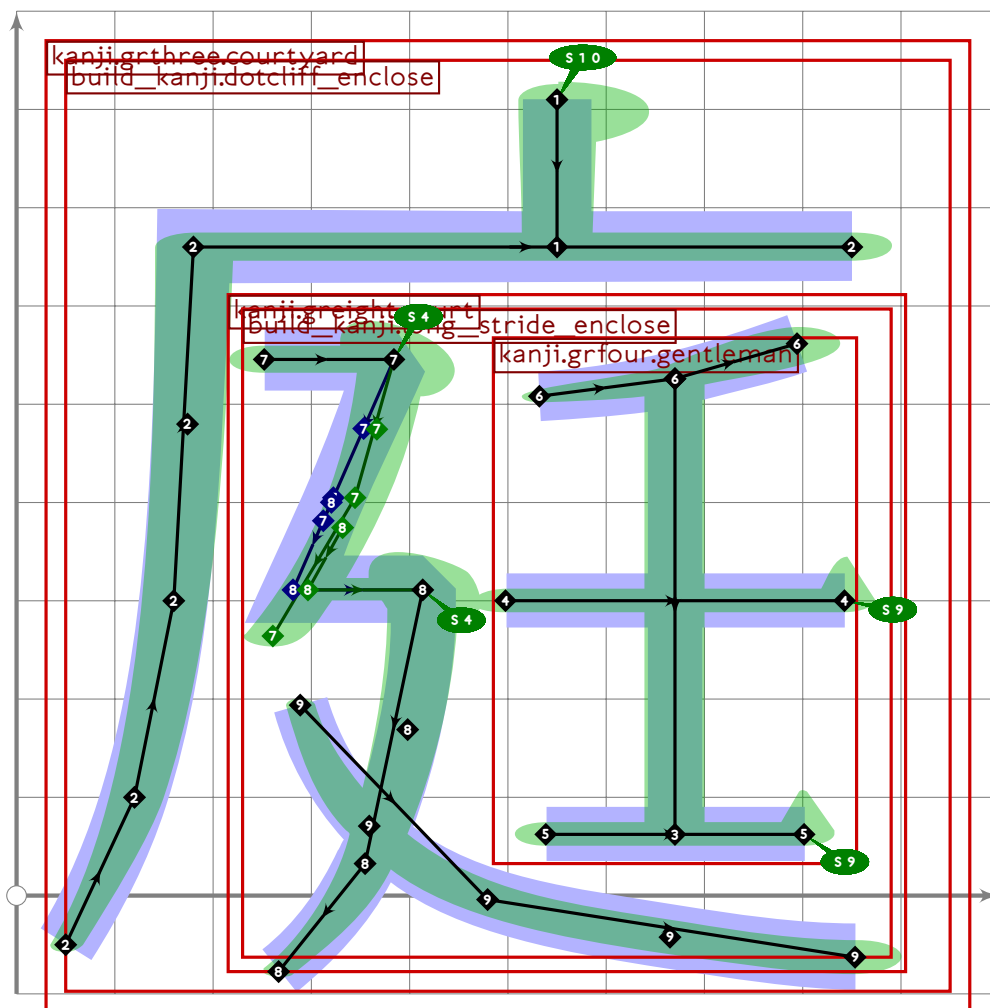
```



```

90
91 vardef kanji.grtwo.shop =
92   push_pbox_toexpand("kanji.grtwo.shop");
93   build_kanji.dotcliff_enclose(kanji.greight.divination);
94   expand_pbox;
95 enddef;
96
97

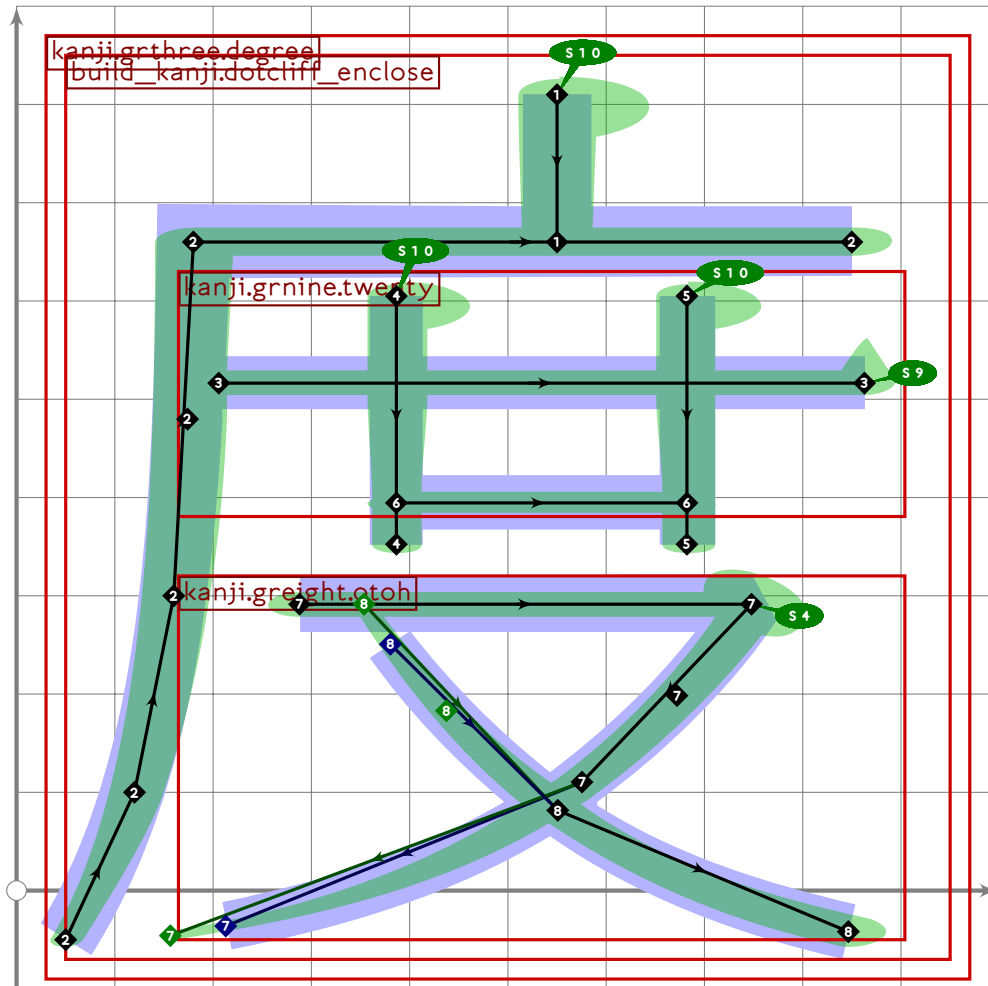
```



```

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

```

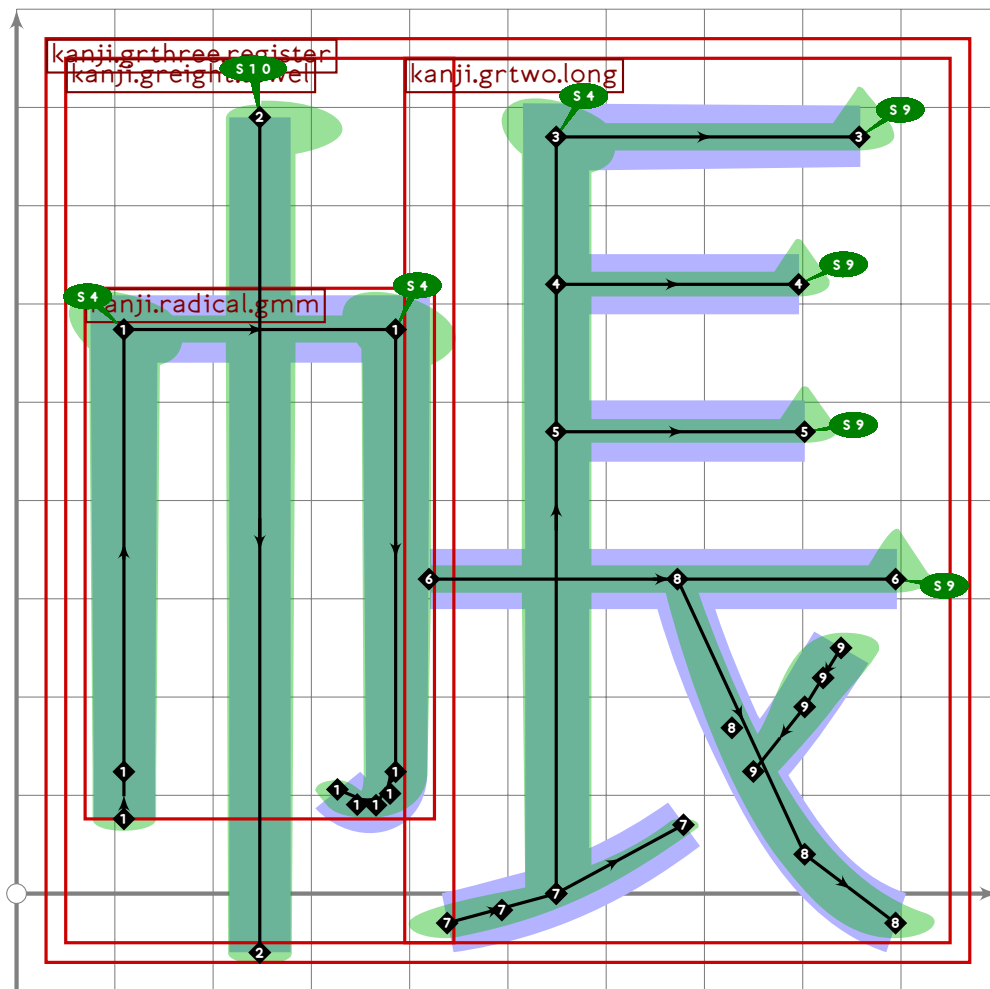


```

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

```

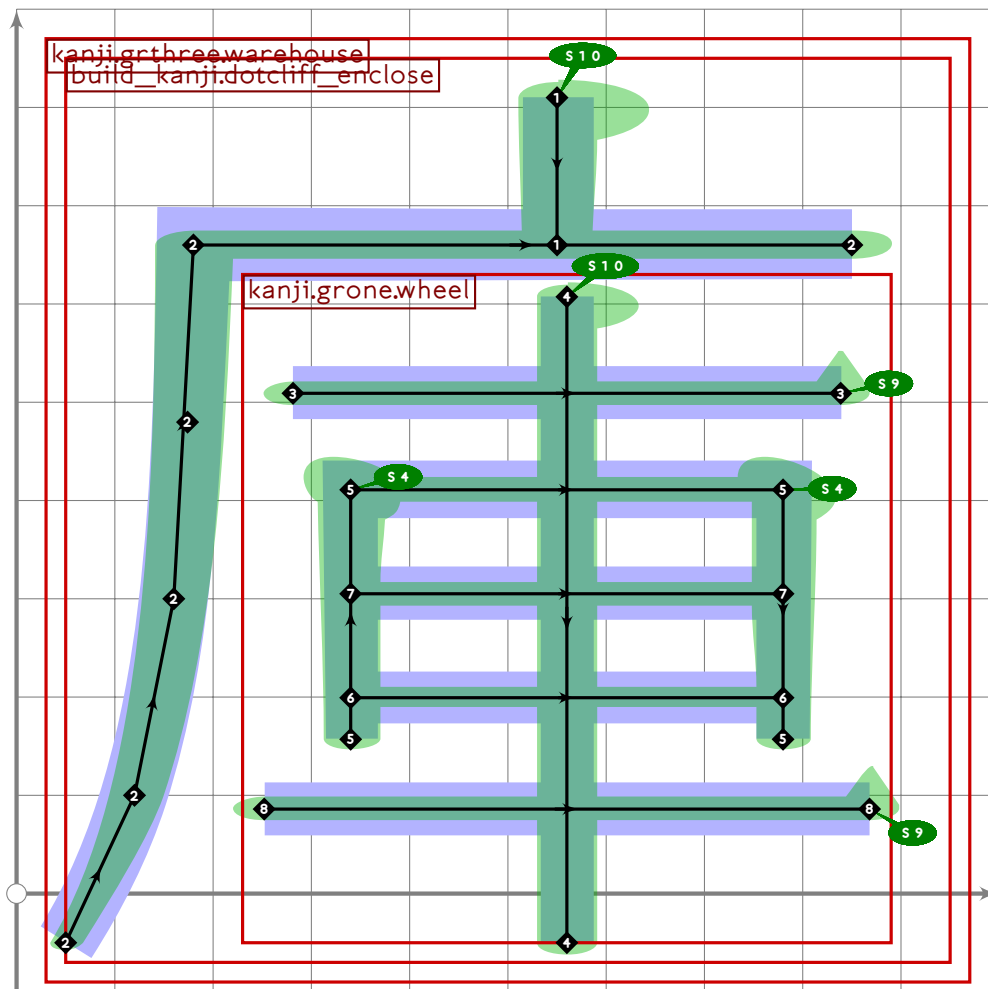
U+5E33
tsuku.uni5E33



```

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

```

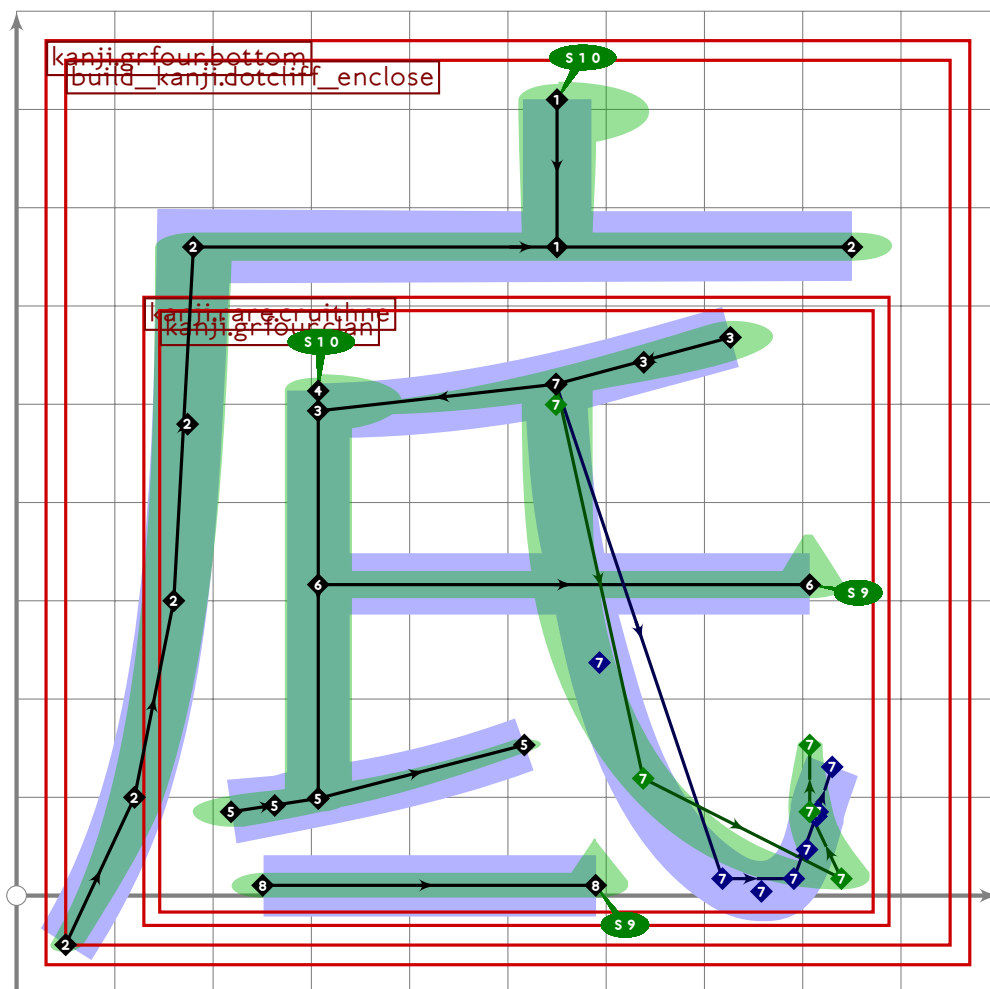



```

122
123 vardef kanji.grthree.warehouse =
124   push_pbox_toexpand("kanji.grthree.warehouse");
125   build_kanji.dotcliff_enclose(kanji.grone.wheel);
126   expand_pbox;
127 enddef;
128
129

```

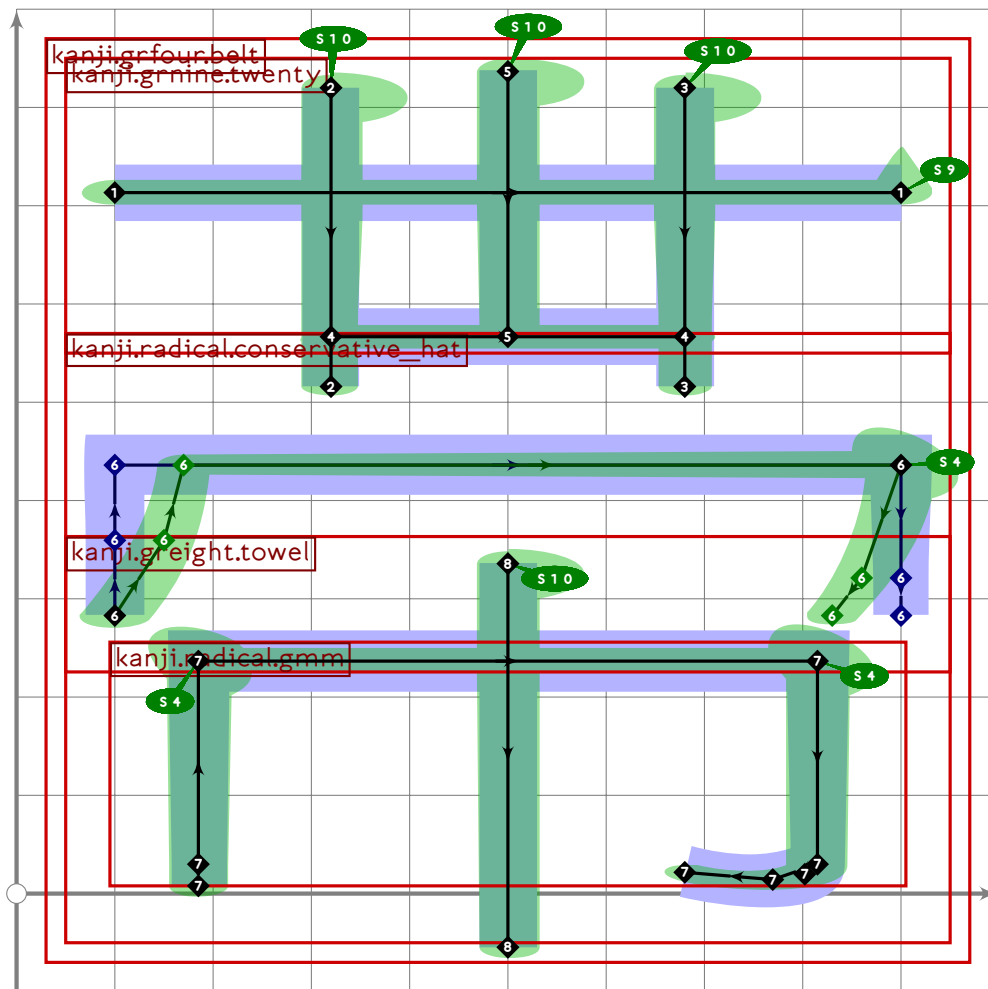
U+5E95
tsuku.uni5E95



```

130
131 vardef kanji.grfour.bottom =
132   push_pbox_toexpand("kanji.grfour.bottom");
133   build_kanji.dotcliff_enclose
134     (build_kanji.sscale(xyscaled (1.1,0.9) shifted (-70,0))
135       (kanji.rare.cruithne));
136   expand_pbox;
137 enddef;

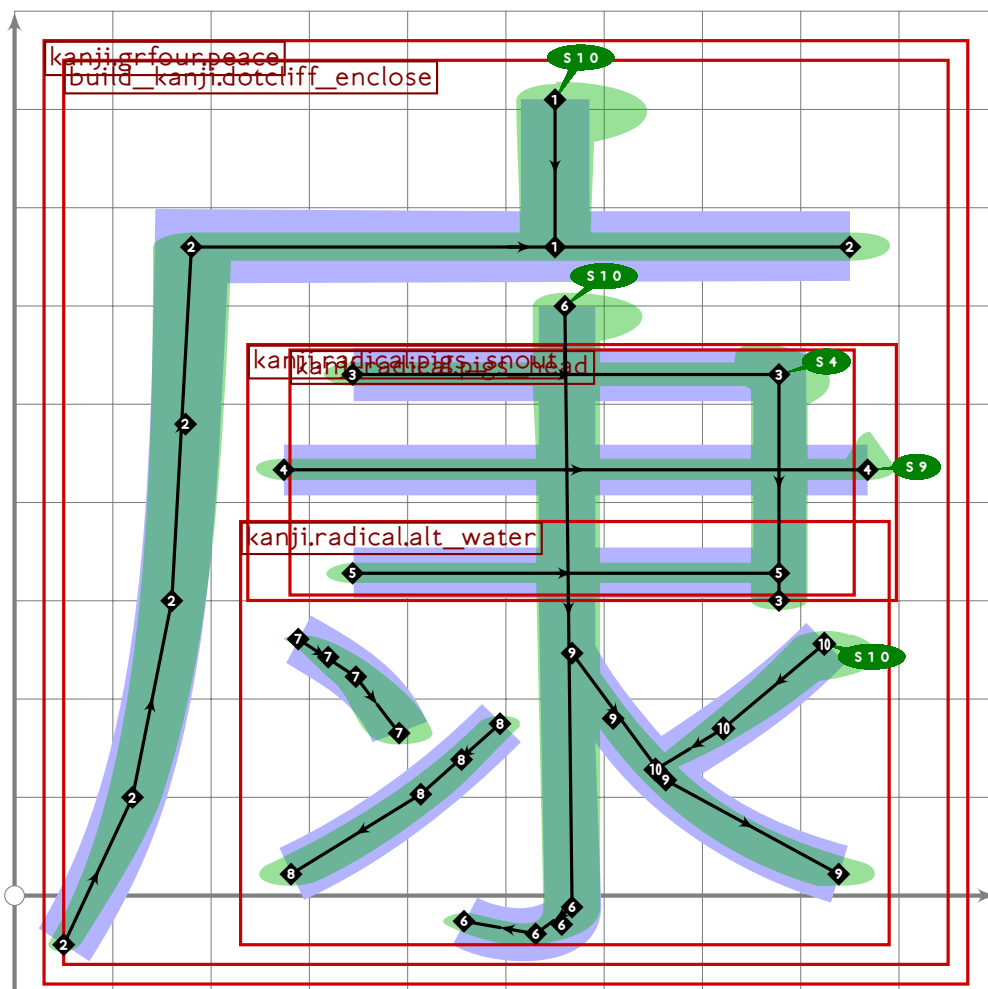
```



```

138
139 vardef kanji.grfour.belt =
140   push_pbox_toexpand("kanji.grfour.belt");
141   build_kanji.level(build_kanji.tb(560,20)
142     (kanji.grnine.twenty;
143       push_stroke((500,810)-(500,0),(1.6,1.6)-(1.5,1.5));
144       set_boserif(0,0,10))
145     (build_kanji.tb(450,200)
146       (kanji.radical.conservative_hat)
147       (kanji.greight.towel)));
148   expand_pbox;
149 enddef;

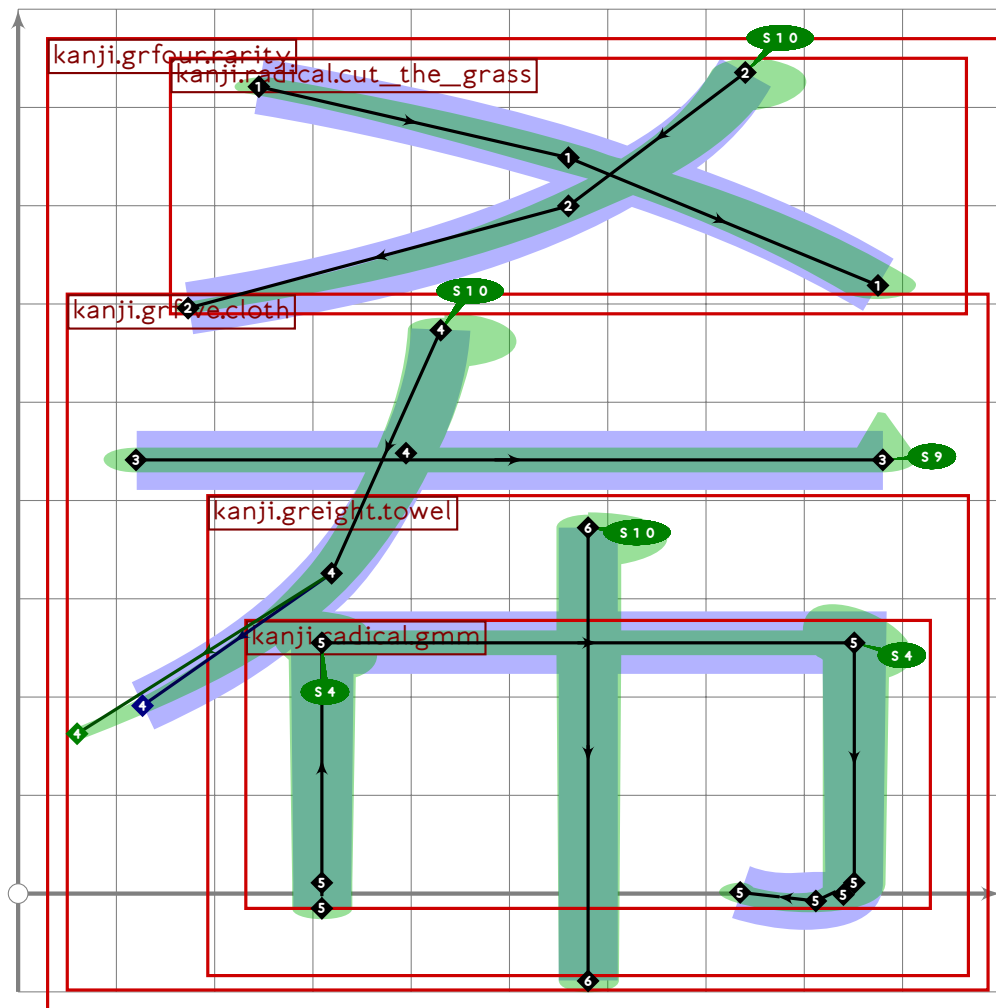
```



```

150
151 vardef kanji.grfour.peace =
152   push_pbox__toexpand("kanji.grfour.peace");
153   build_kanji.dotcliff_enclose(build_kanji.tb(520,0)
154     (tsu_xform(identity shifted (10,-270))
155       (kanji.radical.pigs_snout))
156       (kanji.radical.alt_water);
157   replace_stroke(-4)((500,810)-subpath (1,infinity) of oldp));
158   expand_pbox;
159 enddef;

```

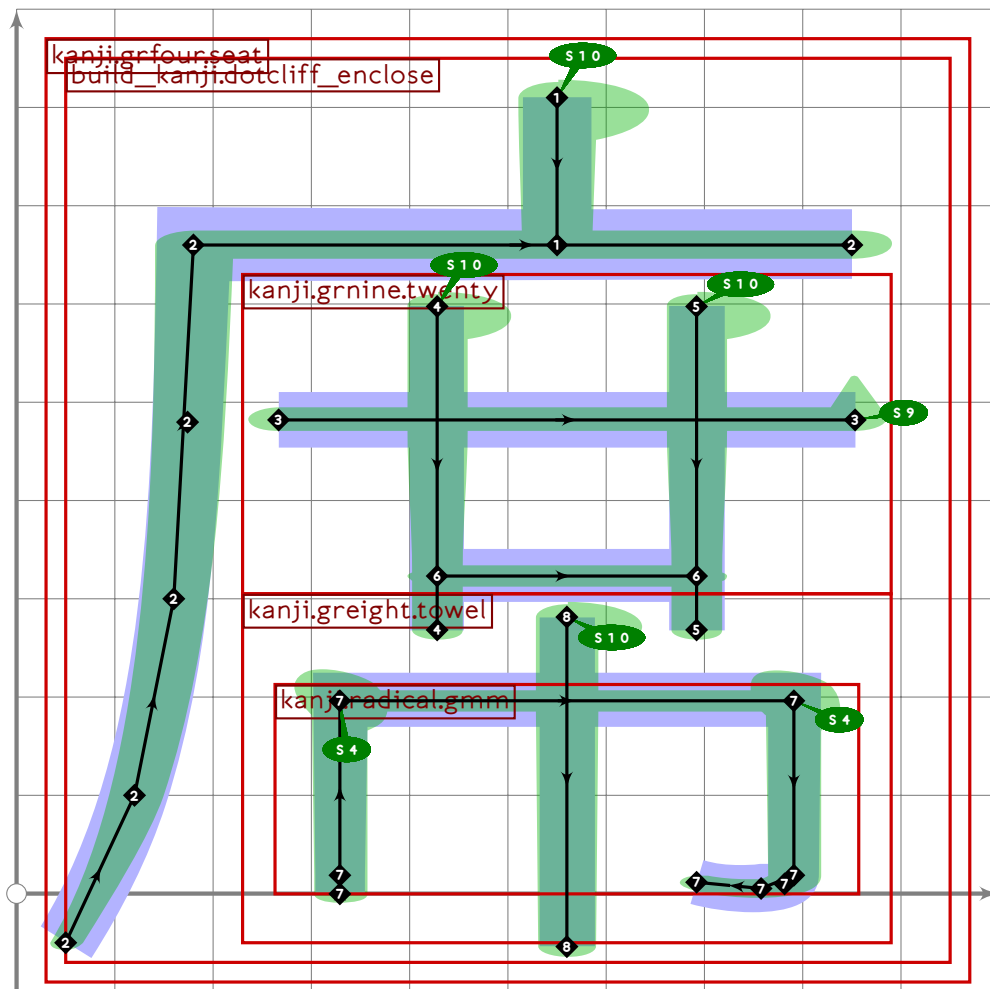


```

160
161 vardef kanji.grfour.rarity =
162   push_pbox_toexpand("kanji.grfour.rarity");
163   build_kanji.level(build_kanji.tb(600,20)
164     (build_kanji.sscale(xscaled 0.9 shifted (60,0))
165       (kanji.radical.cut_the_grass))
166     (kanji.grfive.cloth));
167   expand_pbox;
168 enddef;

```

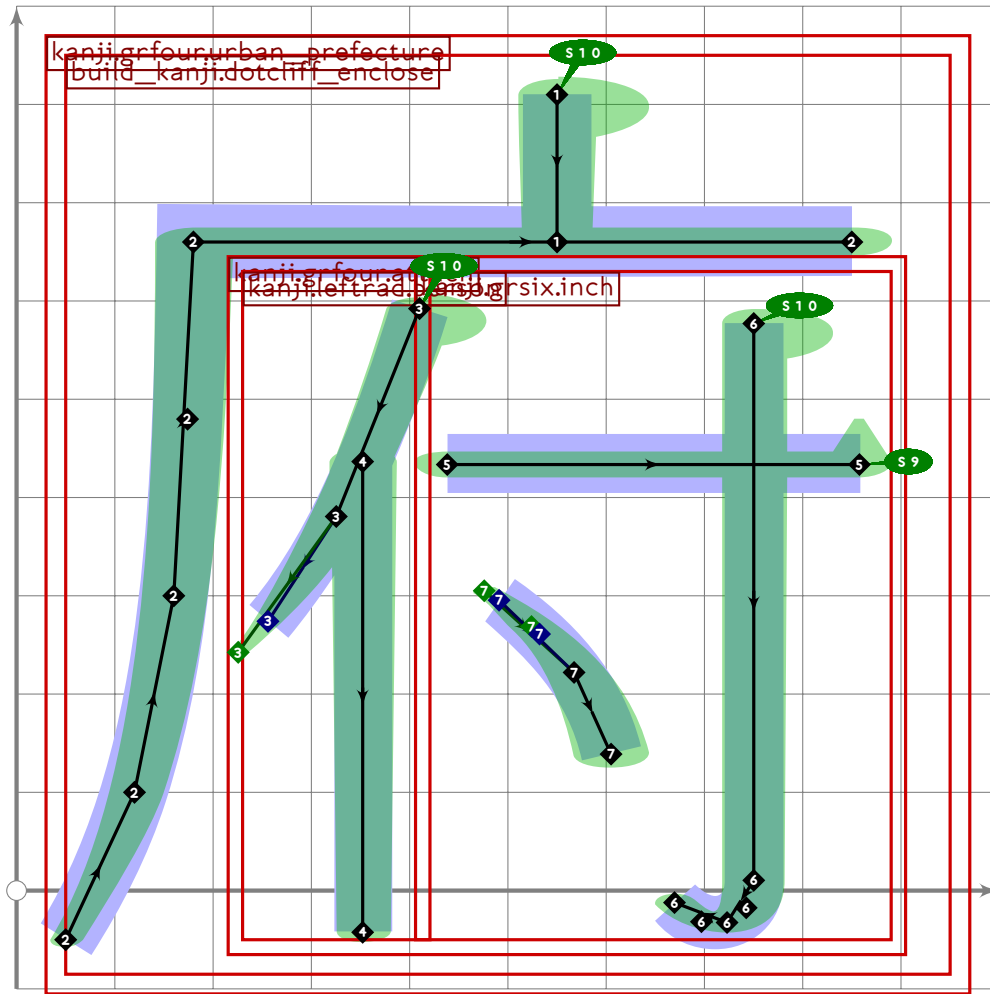
U+5E2D
tsuku.uni5E2D



```

169
170 vardef kanji.grfour.seat =
171   push_pbox__toexpand("kanji.grfour.seat");
172   build_kanji.dotcliff_enclose(build_kanji.tb(420,0)
173     (kanji.grnine.twenty)
174     (kanji.greight.towel));
175   expand_pbox;
176 enddef;

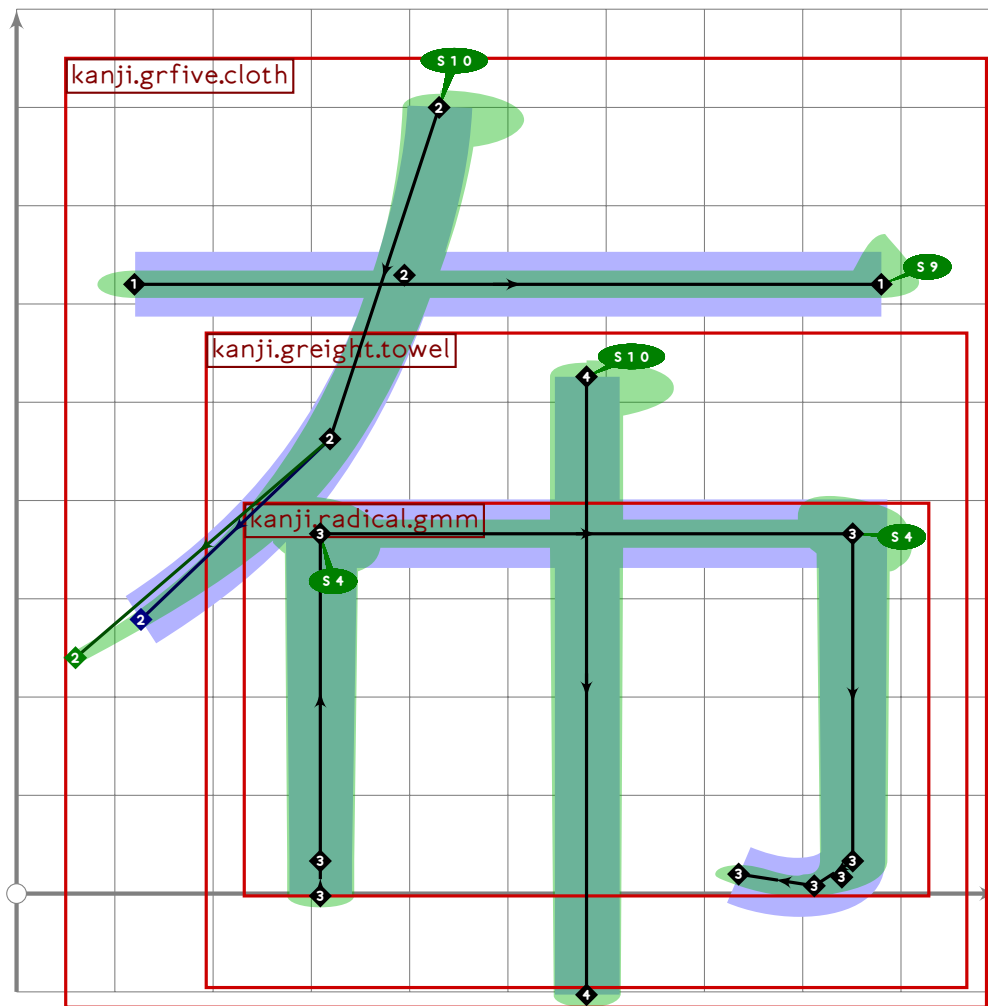
```



```

177
178 vardef kanji.grfour.urban_prefecture =
179   push_pbox_toexpand("kanji.grfour.urban_prefecture");
180   build_kanji.dotcliff_enclose(kanji.grfour.attach);
181   expand_pbox;
182 enddef;
183
184

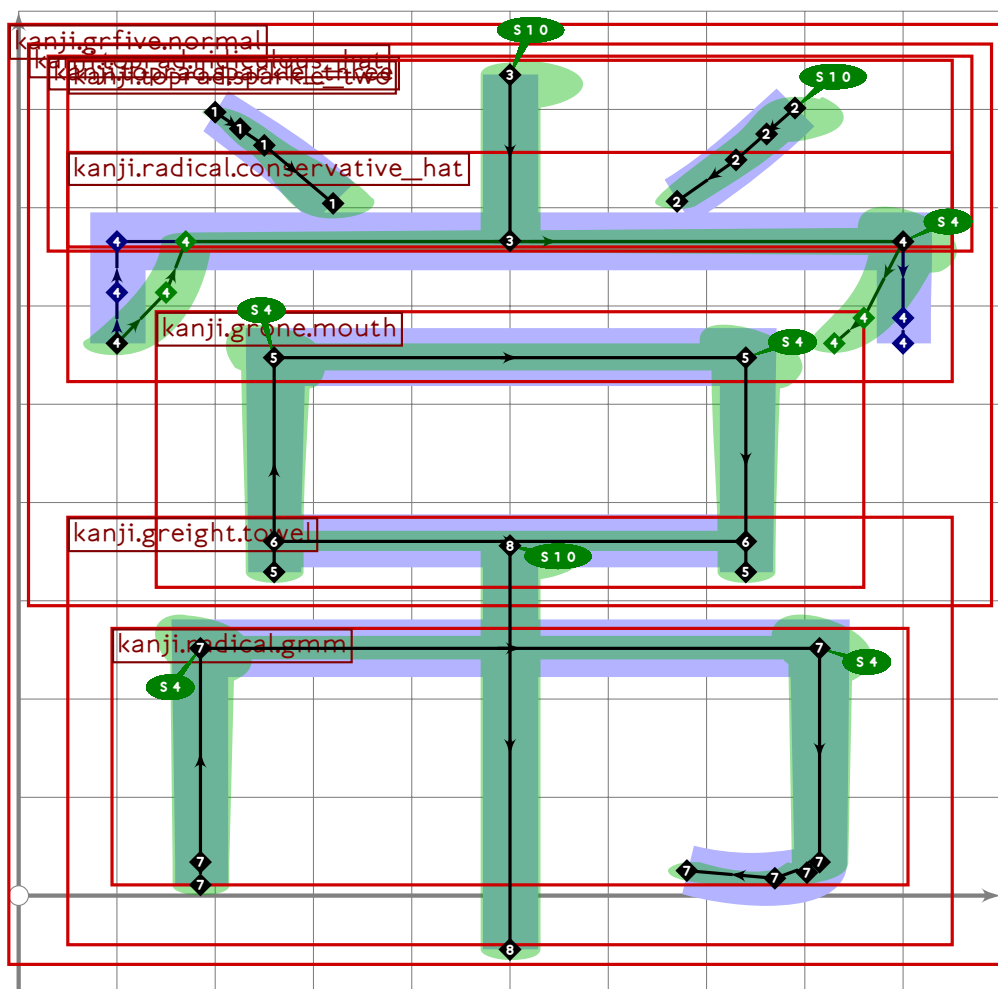
```



```

185
186 vardef kanji.grfive.cloth =
187   push_pbox_toexpand("kanji.grfive.cloth");
188   build_kanji.level(
189     build_kanji.lean_to((430,240));
190     build_kanji.sscale(xyscaled (0.86,0.74) shifted (80,-160))
191     (kanji.greight.towel);
192   );
193   expand_pbox;
194 enddef;

```

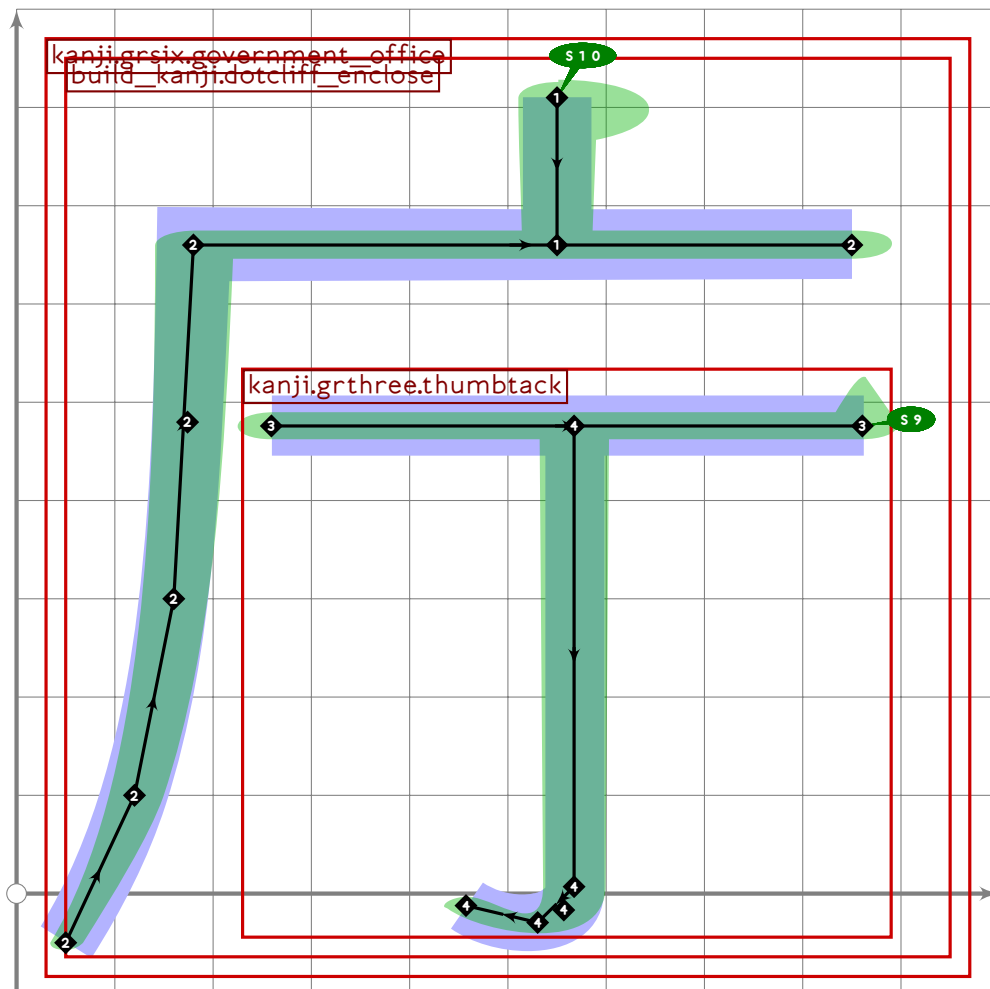



```

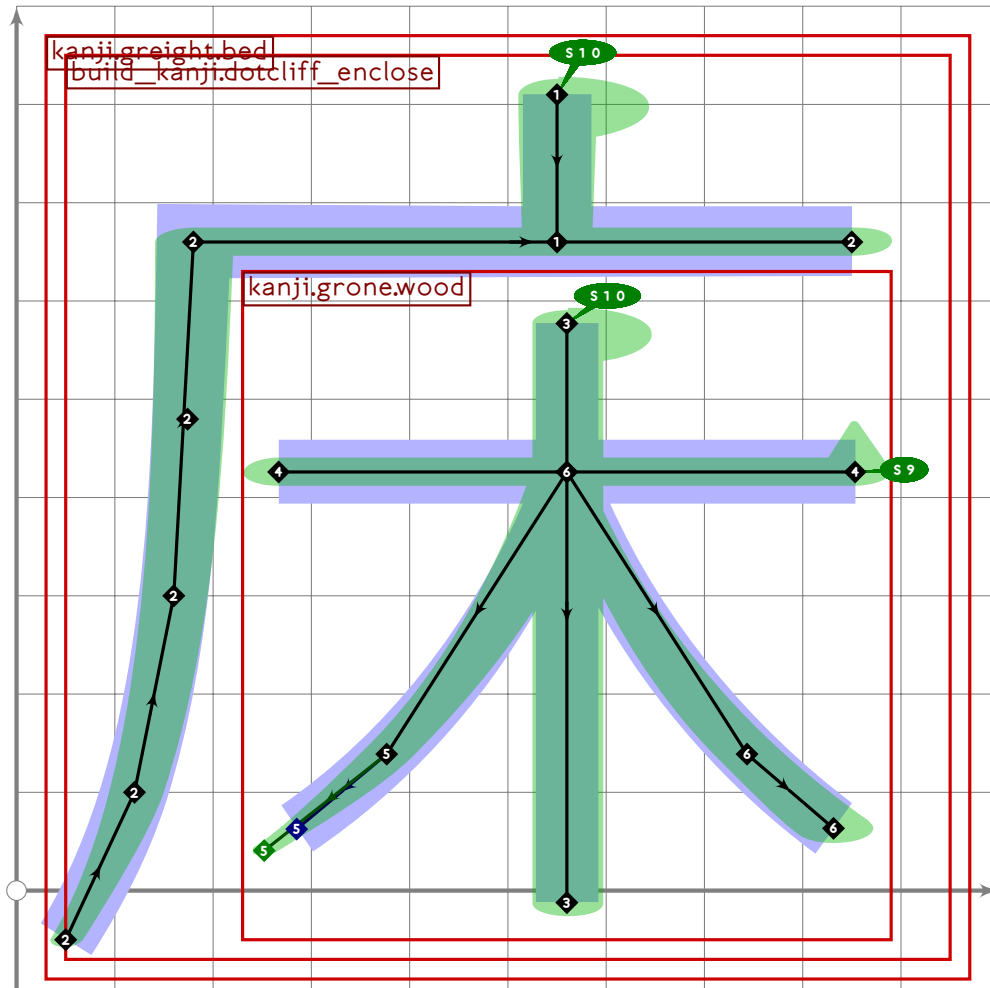
195
196 vardef kanji.grfive.normal =
197   push_pbox_toexpand("kanji.grfive.normal");
198   build_kanji.level(build_kanji.tb(340,90)
199     (kanji.toprad.ridiculous_hat)
200     (kanji.greight.towel));
201   expand_pbox;
202 enddef;
203
204

```

U+5E81
tsuku.uni5E81



```
205
206 vardef kanji.grsix.government_office =
207   push_pbox_toexpand("kanji.grsix.government_office");
208   build_kanji.dotcliff_enclose(tsu_xform(identity yscaled 0.85)
209                               (kanji.grthree.thumbtack));
210   expand_pbox;
211 enddef;
212
213
```

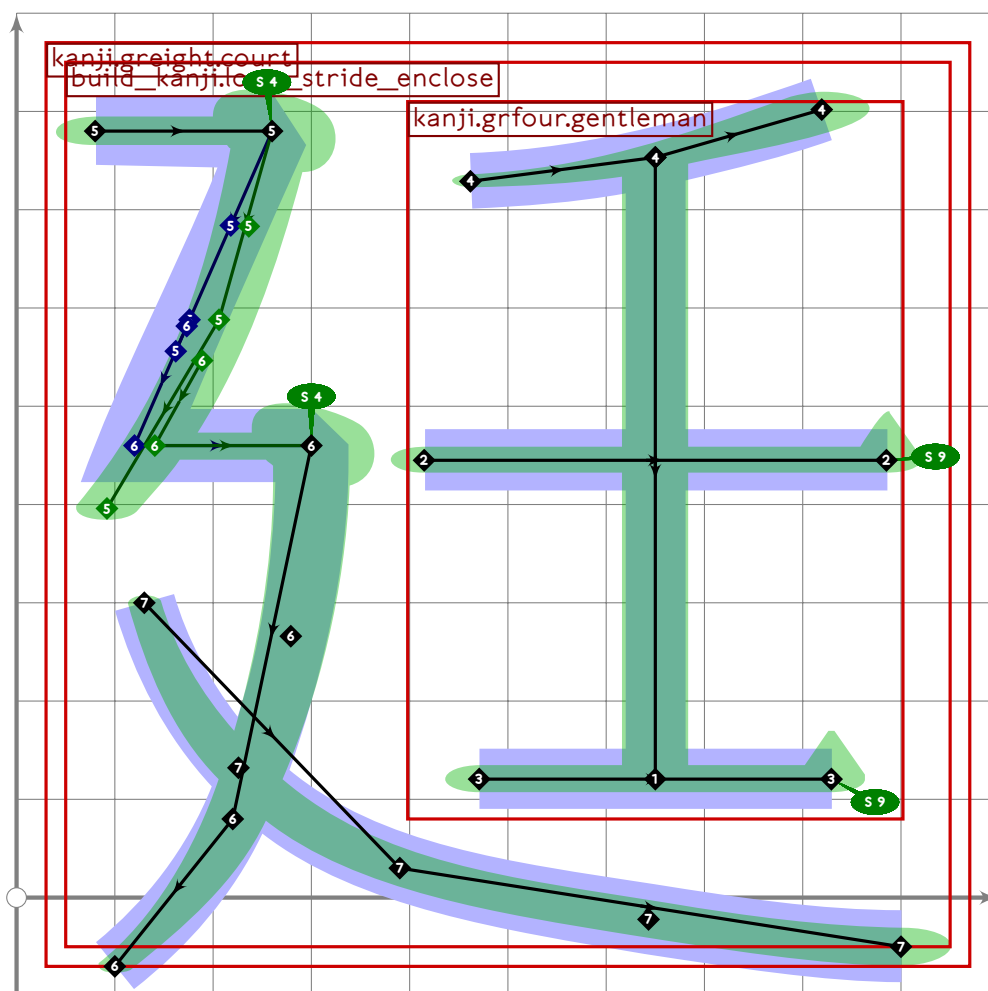


```

214
215 vardef kanji.greight.bed =
216   push_pbox_toexpand("kanji.greight.bed");
217   build_kanji.dotcliff_enclose(kanji.grone.wood);
218   expand_pbox;
219 enddef;

```

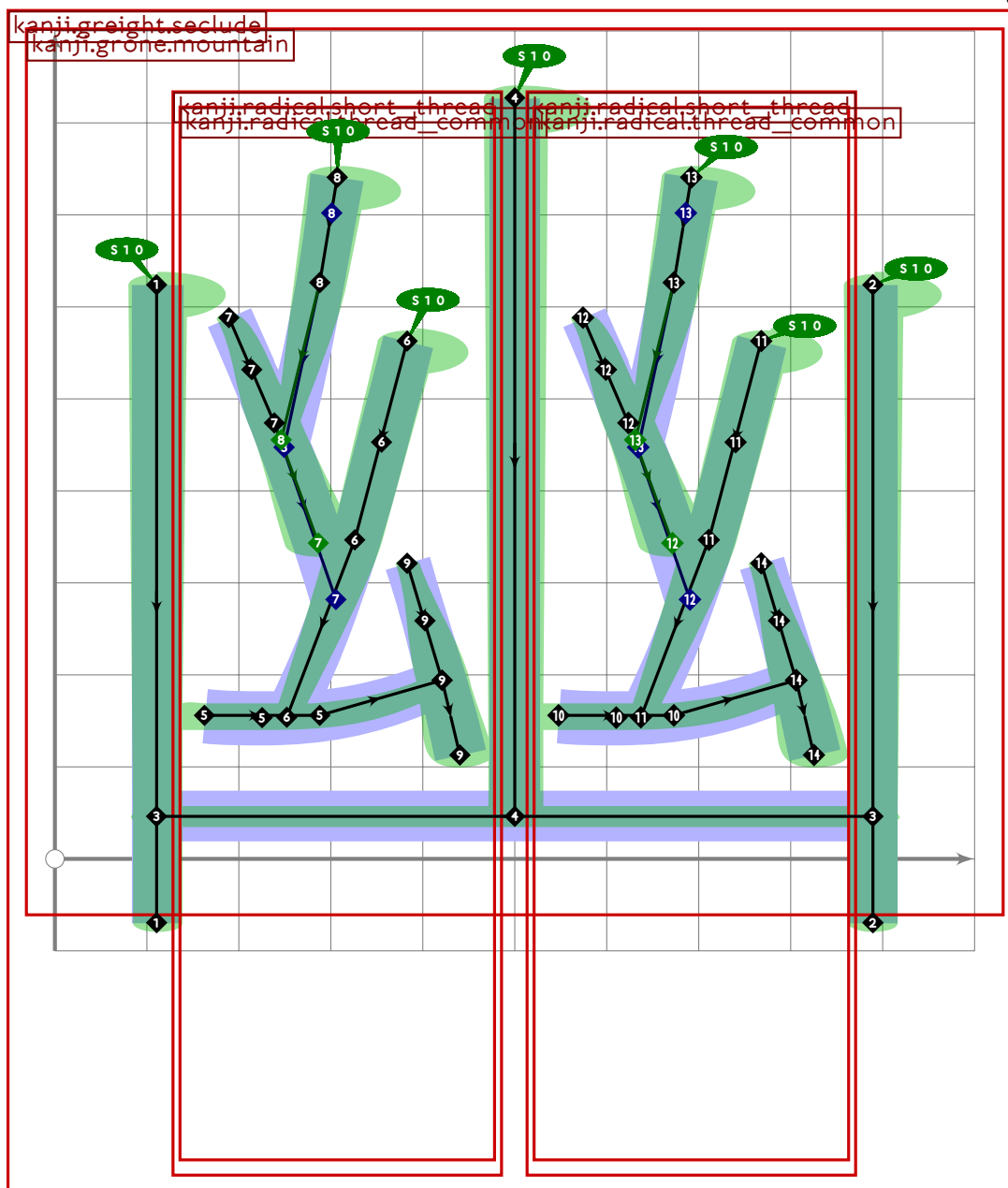
U+5EF7
tsuku.uni5EF7



```

220
221 vardef kanji.greight.court =
222   push_pbox_toexpand("kanji.greight.court");
223   build_kanji.long_stride_enclose(false)
224     (build_kanji.sscale(xscaled 0.84)
225       (build_kanji.add_beret(kanji.grfour.gentleman;
226         replace_stroke(-1)(oldp shifted (0,70)))));
227   expand_pbox;
228 enddef;

```

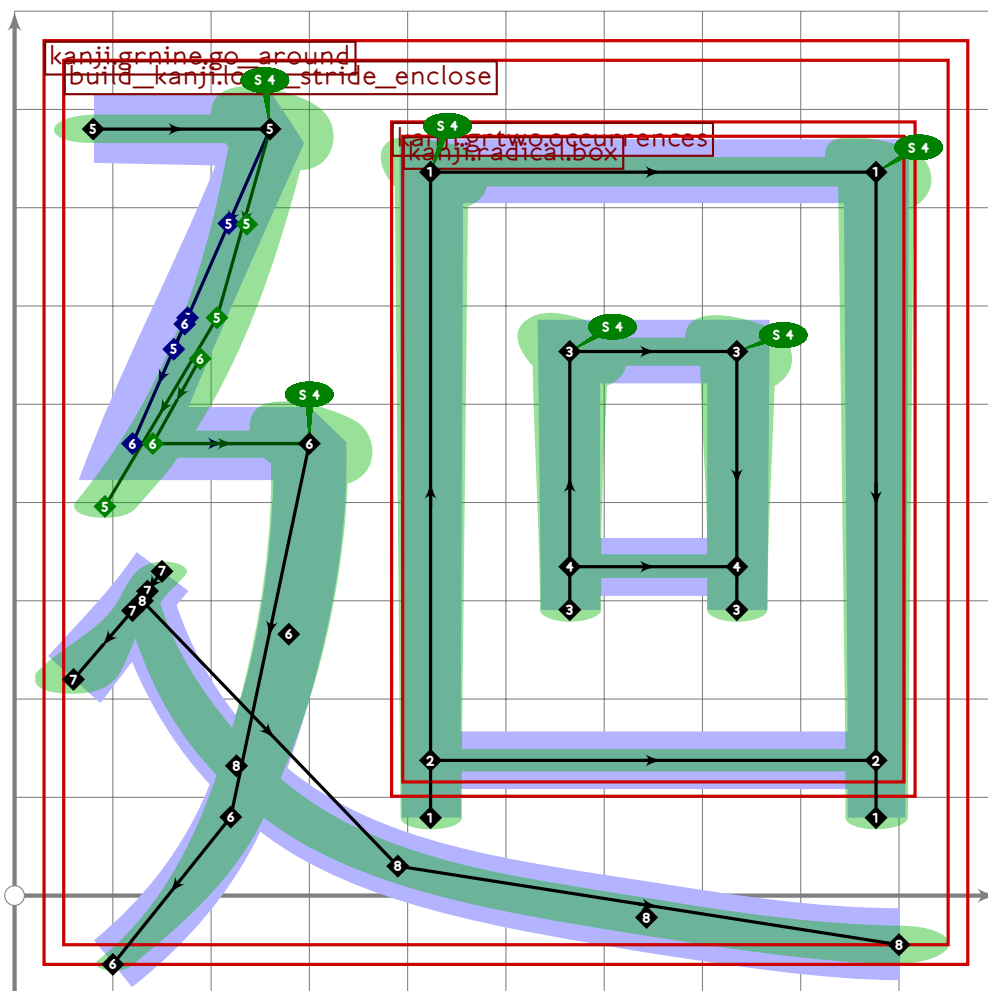


```

229
230 vardef kanji.greight.seclude =
231   push_pbox_toexpand("kanji.greight.seclude");
232   build_kanji.sscaled(xyscaled (1.18,1.07) shifted (0,20))
233     (kanji.grone.mountain);
234   build_kanji.sscaled(xyscaled (0.38,0.83) shifted (-193,15))
235     (kanji.radical.short_thread);
236   build_kanji.sscaled(xyscaled (0.38,0.83) shifted (192,15))
237     (kanji.radical.short_thread);
238   for i=-14 upto 0: set_bosize(i,80); endfor;
239   expand_pbox;
240 enddef;
241
242

```

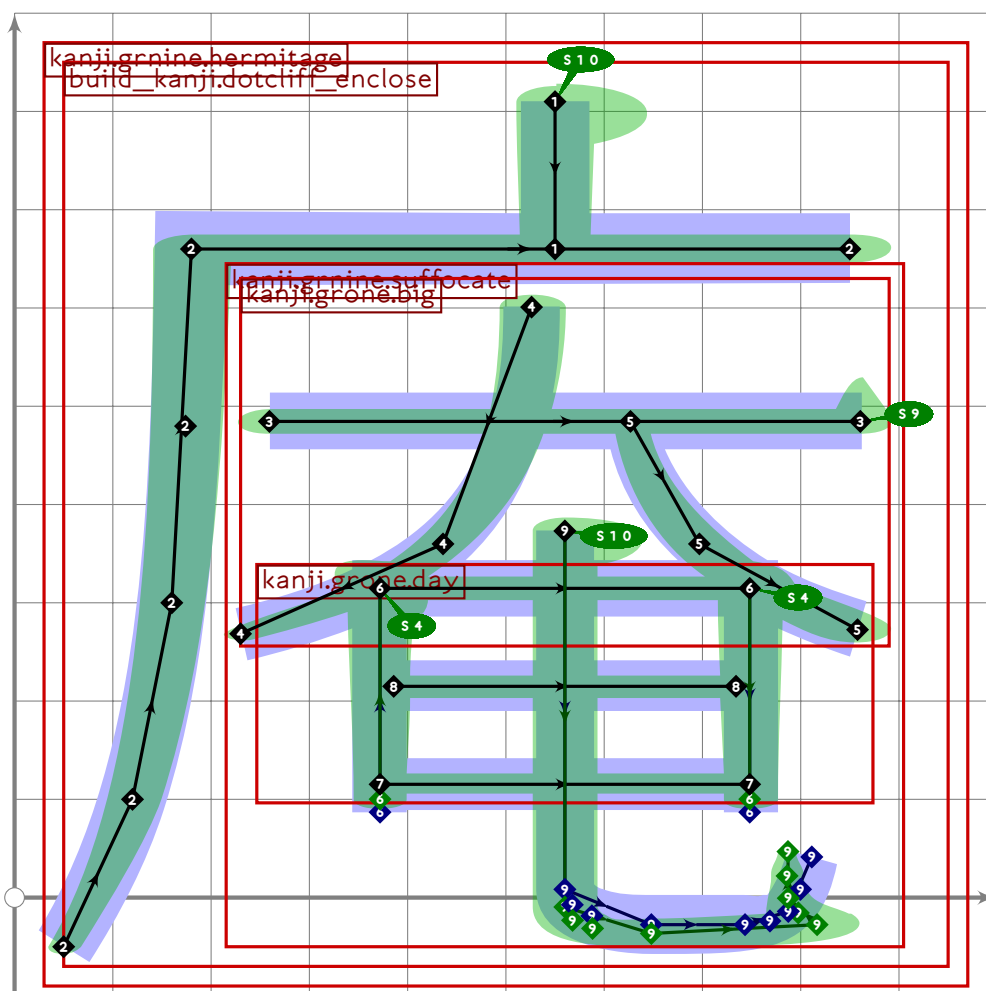
U+5EFB
tsuku.uni5EFB



```

243
244 vardef kanji.grnine.go_around =
245   push_pbox_toexpand("kanji.grnine.go_around");
246   build_kanji.long_stride_enclose(true)
247   (build_kanji.scale(xyscaled (0.85,0.9))(kanji.grtwo.occurrences));
248   expand_pbox;
249 enddef;

```

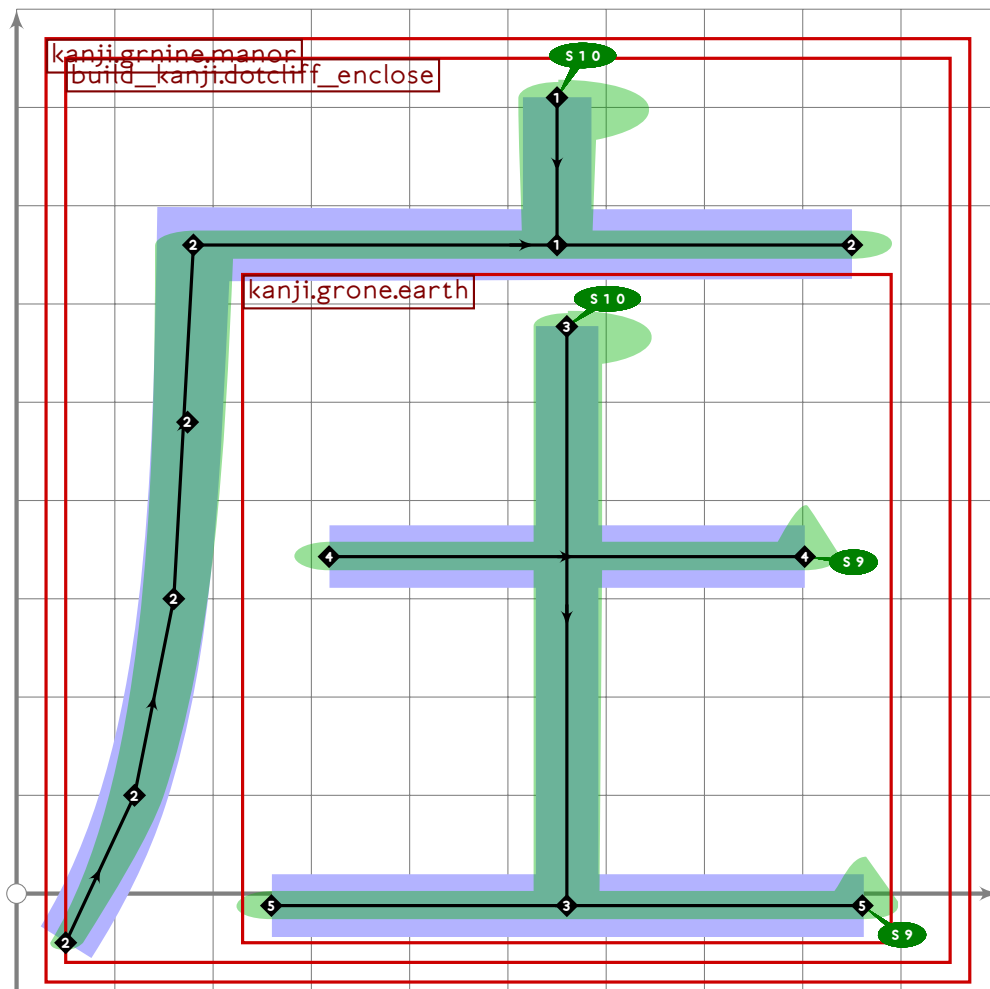


```

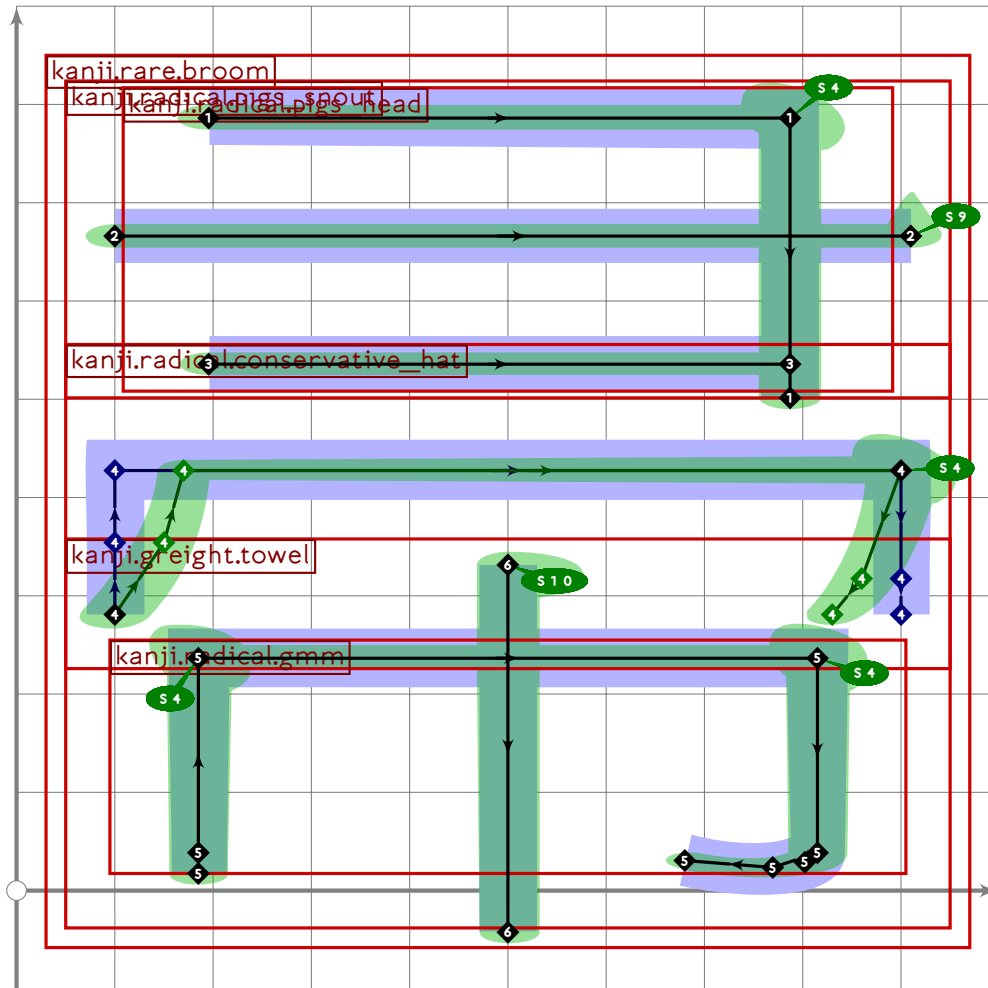
250
251 vardef kanji.grnine.hermitage =
252   push_pbox_toexpand("kanji.grnine.hermitage");
253   build_kanji.dotcliff_enclose(kanji.grnine.suffocate);
254   expand_pbox;
255 enddef;

```

U+5E84
tsuku.uni5E84



```
256
257 vardef kanji.grnine.manor =
258   push_pbox_toexpand("kanji.grnine.manor");
259   build_kanji.dotcliff_enclose(kanji.grone.earth);
260   expand_pbox;
261 enddef;
262
263
```

```

264
265 vardef kanji.rare.broom =
266   push_pbox_toexpand("kanji.rare.broom");
267   build_kanji.level(build_kanji.sscale(yscaled 0.95 shifted (0,-10))
268     (build_kanji.tb(550,50)
269       (kanji.radical.pigs_snout
270         (build_kanji.tb(450,200)
271           (kanji.radical.conservative_hat)
272           (kanji.greight.towel)))));
273   expand_pbox;
274 enddef;
275
276
277
278 vardef kanji.leftrad.sword =
279   push_pbox_toexpand("kanji.leftrad.sword");
280   push_stroke((260,720)-(260,300),(1.6,1.6)-(1.4,1.4));
281   set_boserif(0,0,10);
282   push_stroke((740,760)-(740,400){down}..(550,130)..(200,-40),
283     (1.6,1.6)-(1.5,1.5)-(1.3,1.3)-(1,1));
284   set_boserif(0,0,10);

```

```

285 expand_pbox;
286 enddef;
287
288
289
290 % shi/ichi "market"
291 begintsuglyph("uni5E02";2); [see page 521]
292 kanji.grtwo.market;
293 tsu_render;
294 endtsuglyph;
295
296 % fu/nuno "cloth"
297 begintsuglyph("uni5E03";3); [see page 2102]
298 kanji.grfive.cloth;
299 tsu_render;
300 endtsuglyph;
301
302 % ki/mare "rarity" or "Greece"
303 begintsuglyph("uni5E0C";12); [see page 2099]
304 kanji.grfour.rarity;
305 tsu_render;
306 endtsuglyph;
307
308 % sou/houki "broom" as in houkiboshi "comet"
309 begintsuglyph("uni5E1A";26); [see page 2111]
310 kanji.rare.broom;
311 tsu_render;
312 endtsuglyph;
313
314 % saki/mushiro "seat"
315 begintsuglyph("uni5E2D";45); [see page 2100]
316 kanji.grfour.seat;
317 tsu_render;
318 endtsuglyph;
319
320 % tai/obi "belt"
321 begintsuglyph("uni5E2F";47); [see page 2097]
322 kanji.grfour.belt;
323 tsu_render;
324 endtsuglyph;
325
326 % ki/kae "return"
327 begintsuglyph("uni5E30";48); [see page 2090]
328 kanji.grtwo.return;
329 tsu_render;
330 endtsuglyph;
331
332 % chou/tobari "register"

```

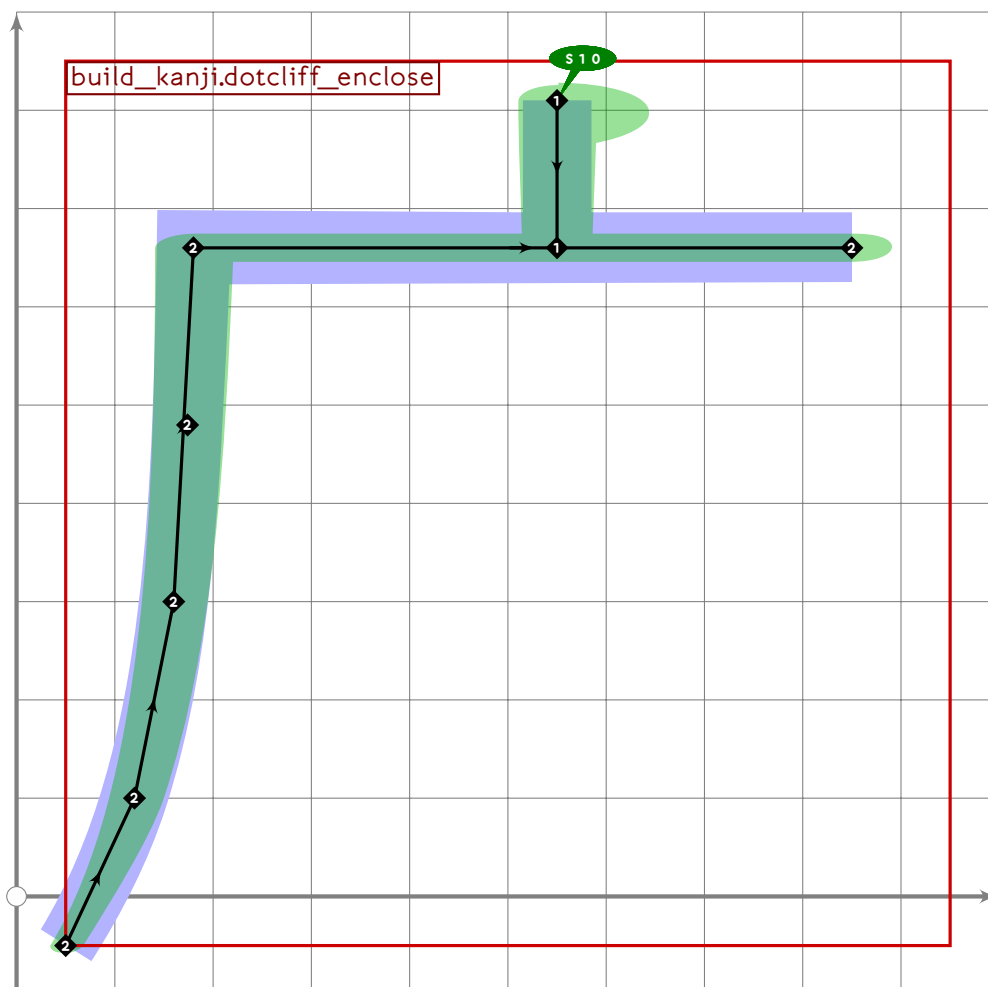
333	begintsuglyph("uni5E33";51);	[see page 2094]
334	kanji.grthree.register;	
335	tsu_render;	
336	endtsuglyph;	
337		
338	% jou/tsune "normal"	
339	begintsuglyph("uni5E38";56);	[see page 2103]
340	kanji.grfive.normal;	
341	tsu_render;	
342	endtsuglyph;	
343		
344	% kan/ho "dry"	
345	begintsuglyph("uni5E72";114);	[see page 659]
346	kanji.grsix.dry;	
347	tsu_render;	
348	endtsuglyph;	
349		
350	% hei/tai "level" or "even"	
351	begintsuglyph("uni5E73";115);	[see page 583]
352	kanji.grthree.level;	
353	tsu_render;	
354	endtsuglyph;	
355		
356	% nen/toshi "year"	
357	begintsuglyph("uni5E74";116);	[see page 2089]
358	kanji.grone.year;	
359	tsu_render;	
360	endtsuglyph;	
361		
362	% hei/awa "merger"	
363	begintsuglyph("uni5E76";118);	[see page 833]
364	kanji.rare.merger;	
365	tsu_render;	
366	endtsuglyph;	
367		
368	% kou/saiwa "blessing"	
369	begintsuglyph("uni5E78";120);	[see page 561]
370	kanji.grthree.blessing;	
371	tsu_render;	
372	endtsuglyph;	
373		
374	% you/chiisai "short thread radical"	
375	begintsuglyph("uni5E7A";122);	[see page 711]
376	kanji.radical.short_thread;	
377	tsu_render;	
378	endtsuglyph;	
379		
380	% yuu as in yuurei "seclude"	

U+5E7F
tsuku.uni5E7F

```
381 begintsuglyph("uni5E7D";125);  
382 kanji.greight.seclude;  
383 tsu_render;  
384 endtsuglyph;  
385  
386 % ki/iku "how much"  
387 begintsuglyph("uni5E7E";126);  
388 kanji.greight.how_much;  
389 tsu_render;  
390 endtsuglyph;  
391
```

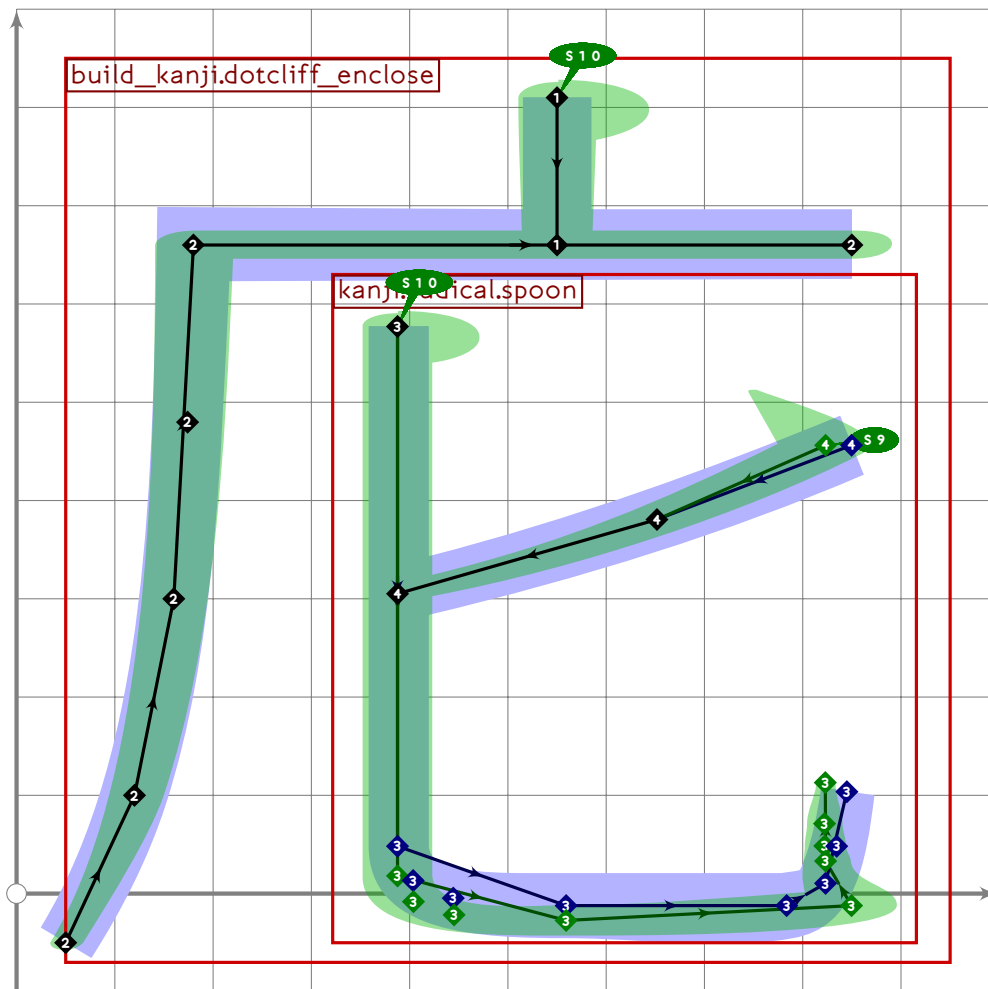
[see page 2107]

[see page 754]



5E

```
392 % madare "dotted cliff radical"  
393 begintsuglyph("uni5E7F";127);  
394 build_kanji.dotcliff_enclose();  
395 tsu_render;  
396 endtsuglyph;  
397
```



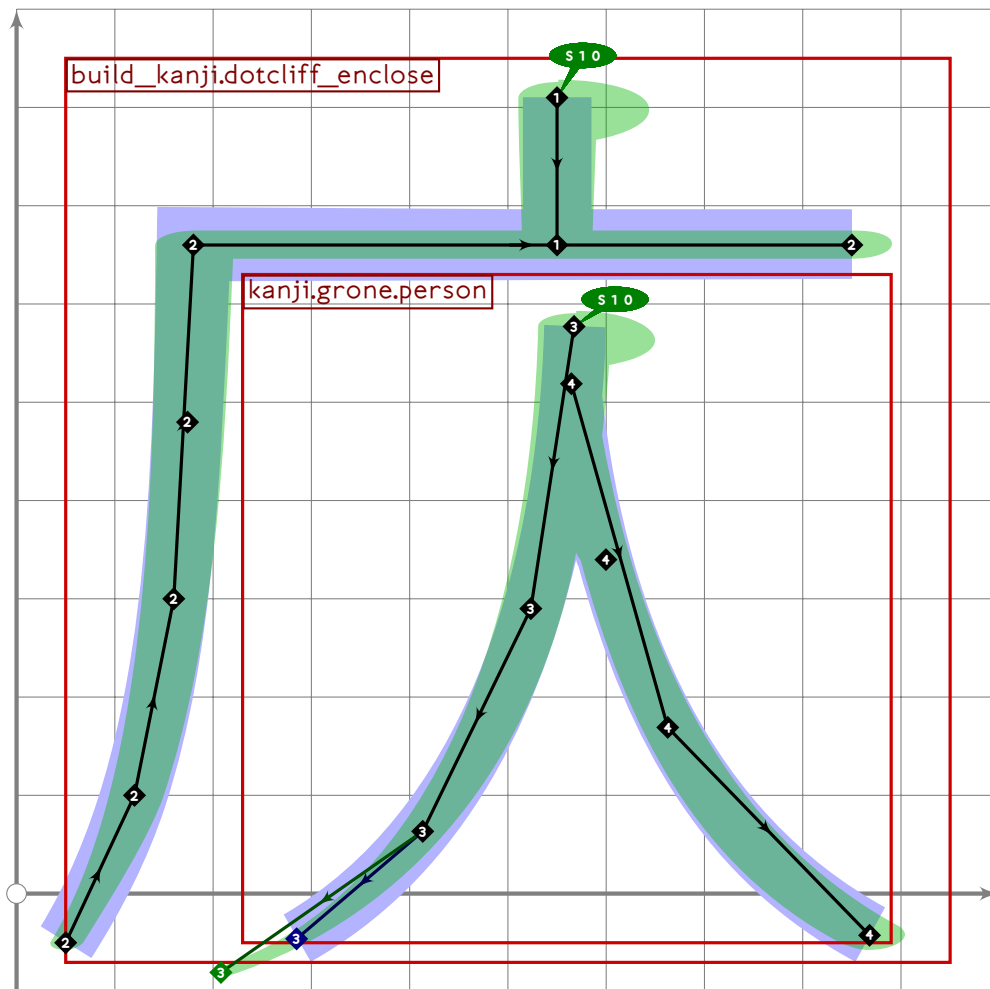
```

398 % extra
399 begintsuglyph("uni5E80";128);
400   build_kanji.dotcliff_enclose(
401     build_kanji.sscale(xscaled 0.9 shifted (80,0))
402     (kanji.radical.spoon));
403   tsu_render;
404 endtsuglyph;
405
406 % chou/yakushou "government office"
407 begintsuglyph("uni5E81";129);
408   kanji.grsix.government_office;
409   tsu_render;
410 endtsuglyph;
411

```

[see page 2104]

U+5E82
tsuku.uni5E82



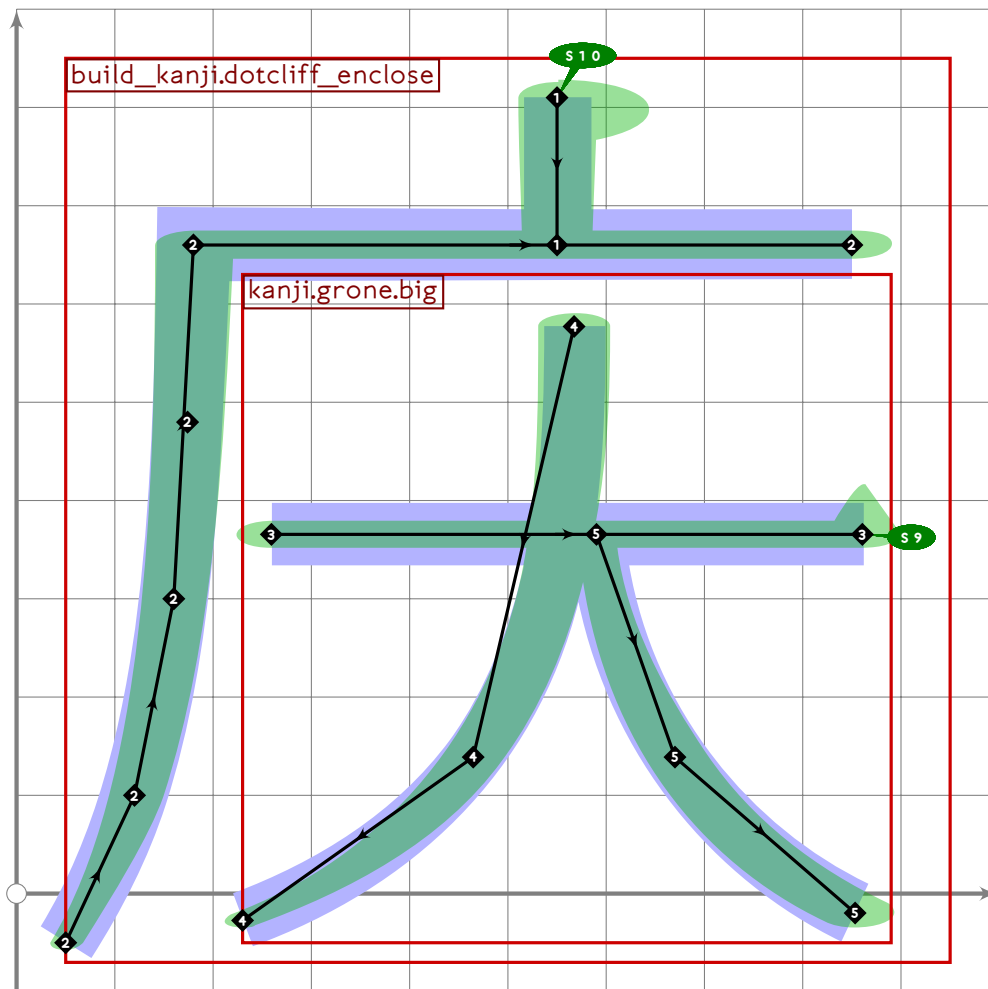
```

412 % extra
413 begintsuglyph("uni5E82";130);
414   build_kanji.dotcliff_enclose(kanji.grone.person);
415   tsu_render;
416 endtsuglyph;
417
418 % kou/hiro "wide"
419 begintsuglyph("uni5E83";131);
420   kanji.grtwo.wide;
421   tsu_render;
422 endtsuglyph;
423
424 % kou/hiro "wide"
425 begintsuglyph("uni5E84";132);
426   kanji.grnine.manor;
427   tsu_render;
428 endtsuglyph;
429

```

[see page 553]

[see page 2110]



```

430 % extra
431 begintsuglyph("uni5E86";134);
432 build_kanji.dotcliff_enclose(kanji.grone.big);
433 tsu_render;
434 endtsuglyph;
435
436 % toko/yuka "bed"
437 begintsuglyph("uni5E8A";138);
438 kanji.greight.bed;
439 tsu_render;
440 endtsuglyph;
441
442 % tei/soko "bottom"
443 begintsuglyph("uni5E95";149);
444 kanji.grfour.bottom;
445 tsu_render;
446 endtsuglyph;
447
448 % ten/mise "shop"
449 begintsuglyph("uni5E97";151);
450 kanji.grtwo.shop;

```

[see page 2105]

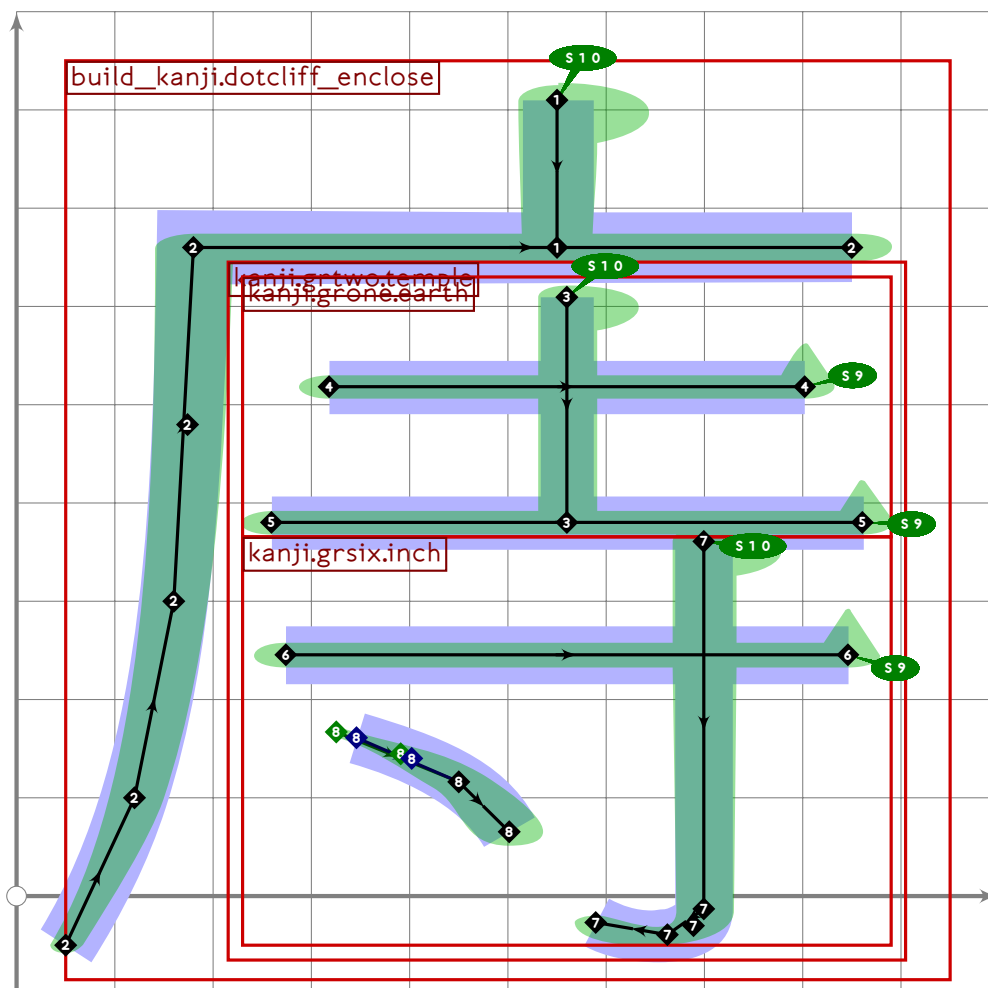
[see page 2096]

[see page 2091]

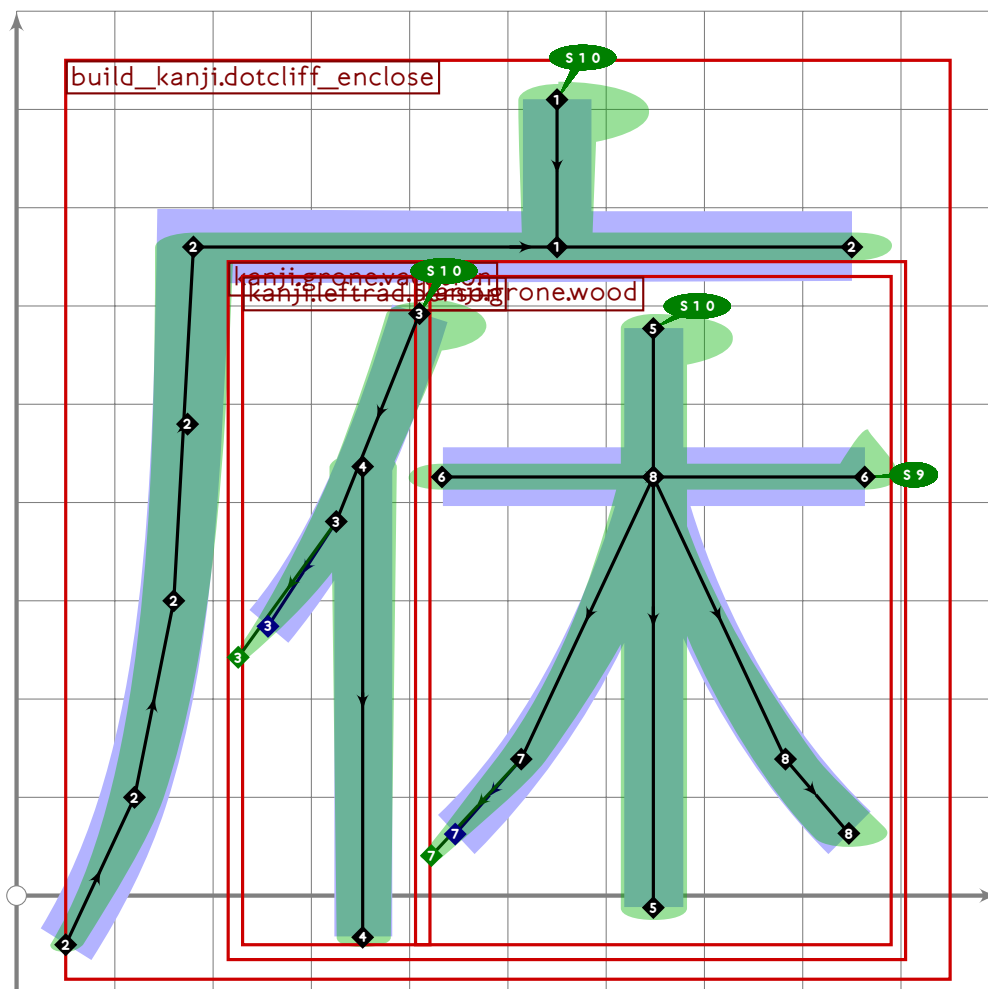
U+5EA4
tsuku.uni5EA4

```
451 tsu_render;  
452 endtsuglyph;  
453  
454 % fu "urban prefecture"  
455 begintsuglyph("uni5E9C";156);  
456 kanji.grfour.urban__prefecture;  
457 tsu_render;  
458 endtsuglyph;  
459
```

[see page 2101]



```
460 % extra  
461 begintsuglyph("uni5EA4";164);  
462 build_kanji.dotcliff_enclose(kanji.grtwo.temple);  
463 tsu_render;  
464 endtsuglyph;  
465
```

```

466 % extra
467 begintsuglyph("uni5EA5";165);
468   build_kanji.dotcliff_enclose(kanji.grone.vacation);
469   tsu_render;
470 endtsuglyph;
471
472 % do/tabi "degree"
473 begintsuglyph("uni5EA6";166);
474   kanji.grthree.degree;
475   tsu_render;
476 endtsuglyph;
477
478 % ko/kura "warehouse"
479 begintsuglyph("uni5EAB";171);
480   kanji.grthree.warehouse;
481   tsu_render;
482 endtsuglyph;
483
484 % tei/niwa "courtyard"
485 begintsuglyph("uni5EAD";173);
486   kanji.grthree.courtyard;

```

[see page 2093]

[see page 2095]

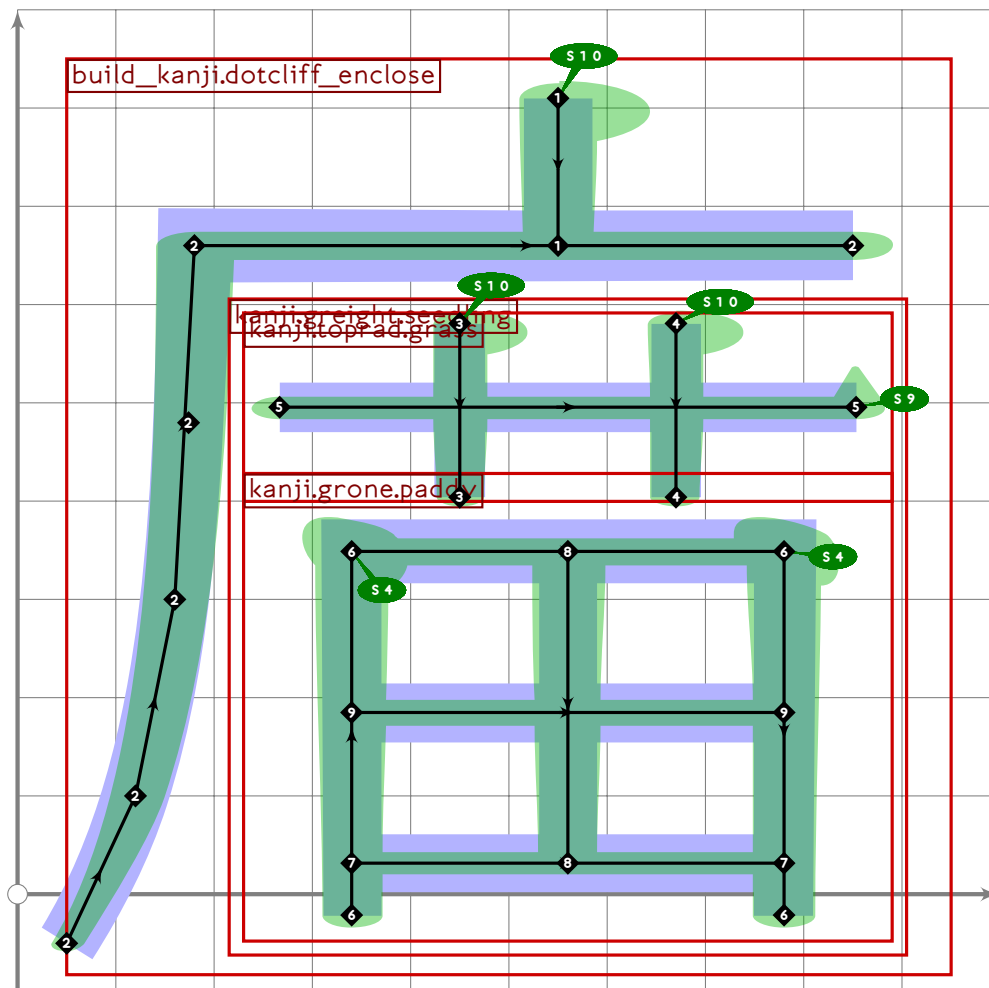
[see page 2092]

U+5EBF
tsuku.uni5EBF

```
487 tsu_render;  
488 endtsuglyph;  
489  
490 % an/iori "hermitage"  
491 begintsuglyph("uni5EB5";181);  
492 kanji.grnine.hermitage;  
493 tsu_render;  
494 endtsuglyph;  
495  
496 % kou "peace"  
497 begintsuglyph("uni5EB7";183);  
498 kanji.grfour.peace;  
499 tsu_render;  
500 endtsuglyph;  
501
```

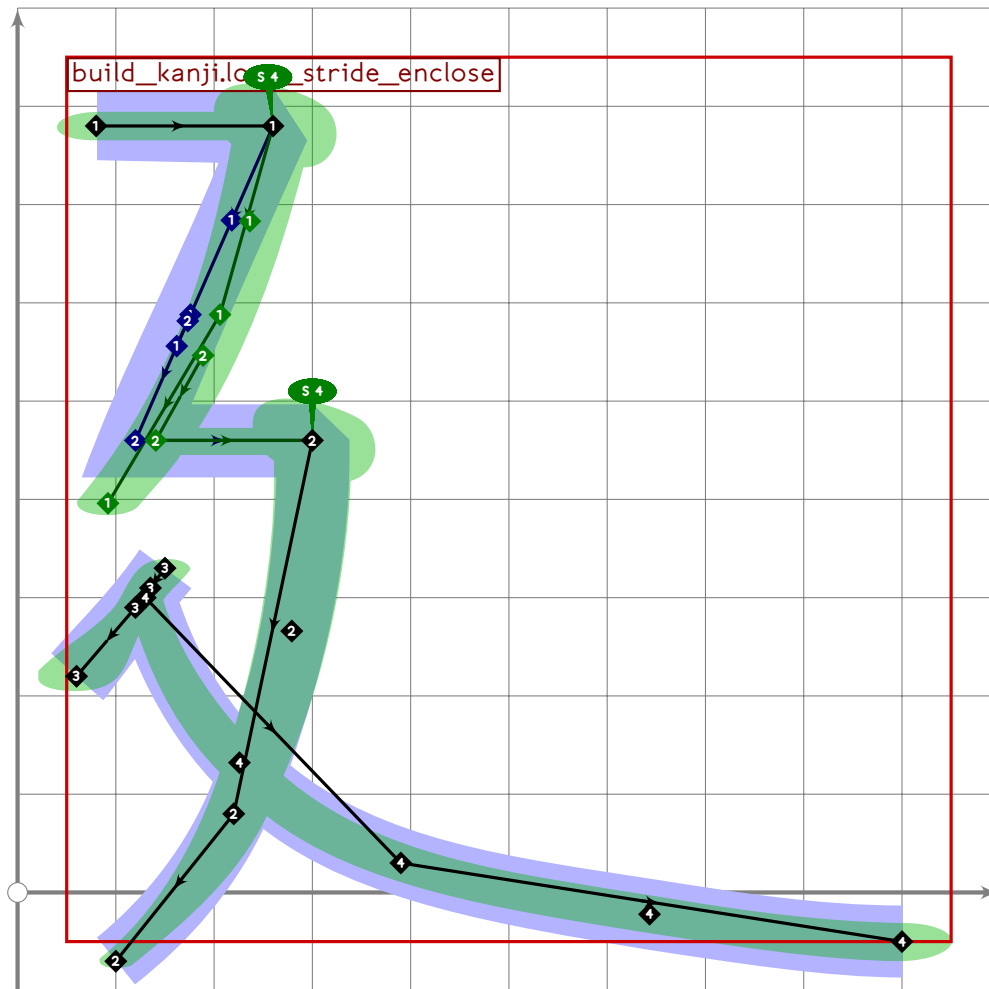
[see page 2109]

[see page 2098]



```
502 % extra  
503 begintsuglyph("uni5EBF";191);  
504 build_kanji.dotcliff_enclose(  
505     tsu_xform(identity yscaled 0.94)(kanji.greight.seedling));  
506 tsu_render;  
507 endtsuglyph;
```

508



```

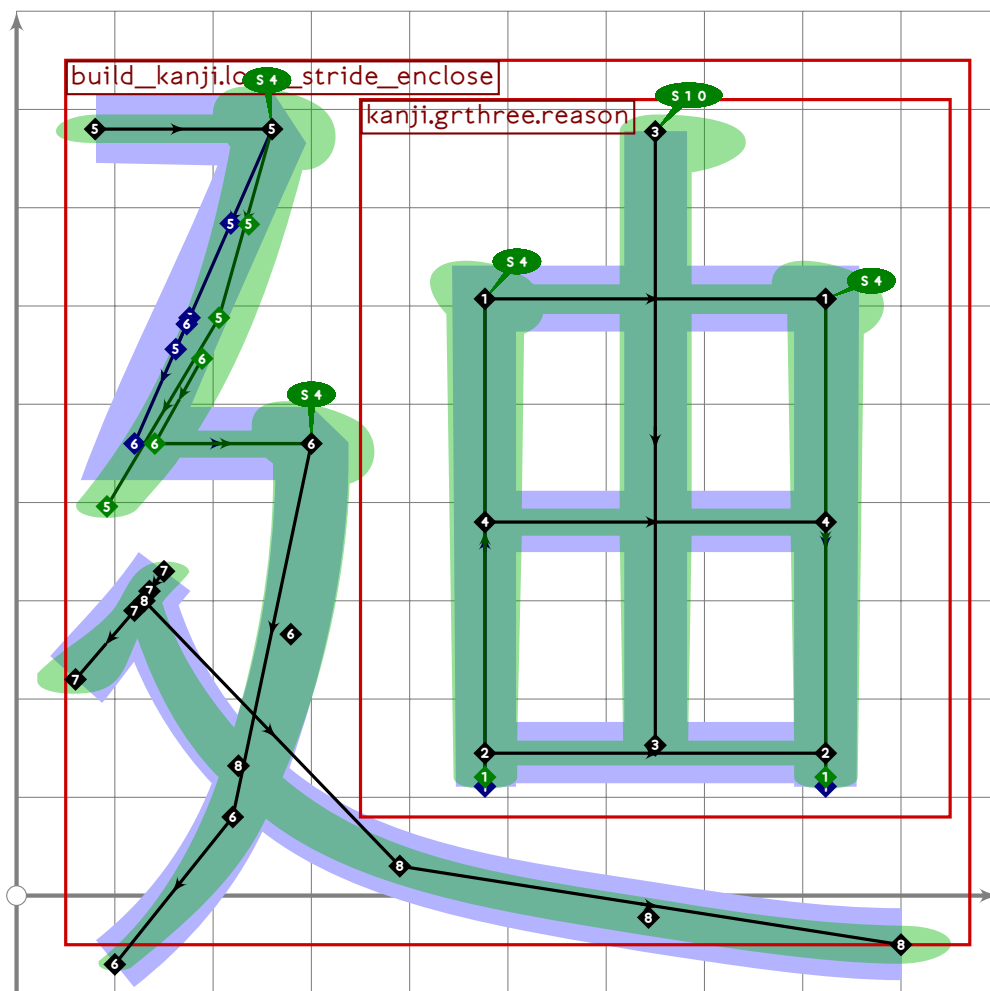
509 % "long stride" radical
510 begintsuglyph("uni5EF4";244);
511   build_kanji.long_stride_enclose(true());
512   tsu_render;
513 endtsuglyph;
514
515 % en/no "prolong"
516 begintsuglyph("uni5EF6";246);
517   kanji.grsix.prolong;
518   tsu_render;
519 endtsuglyph;
520
521 % tei "court"
522 begintsuglyph("uni5EF7";247);
523   kanji.greight.court;
524   tsu_render;
525 endtsuglyph;
526

```

[see page 666]

[see page 2106]

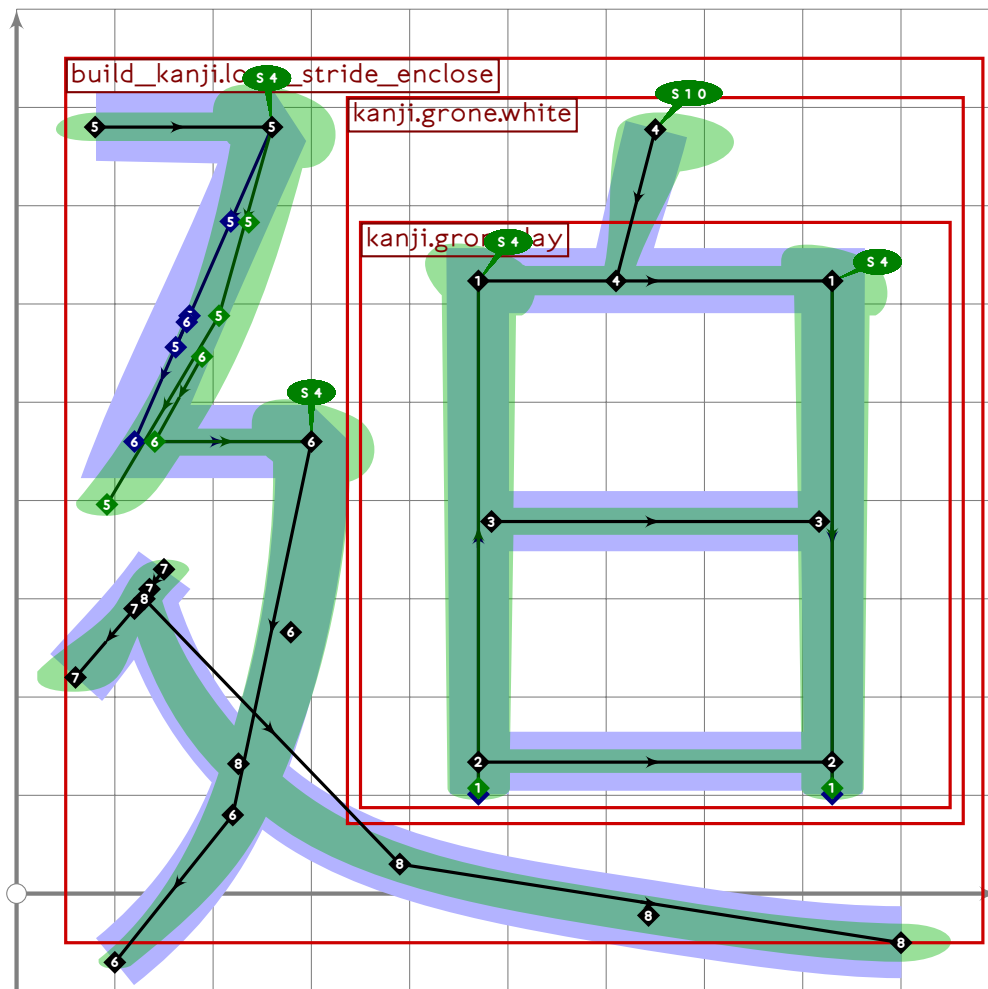
U+5EF8
tsuku.uni5EF8



```

527 % extra "path" or "way"
528 begintsuglyph("uni5EF8";248);
529   build_kanji.long_stride_enclose(true)(kanji.grthree.reason);
530   tsu_render;
531 endsuglyph;
532

```



```

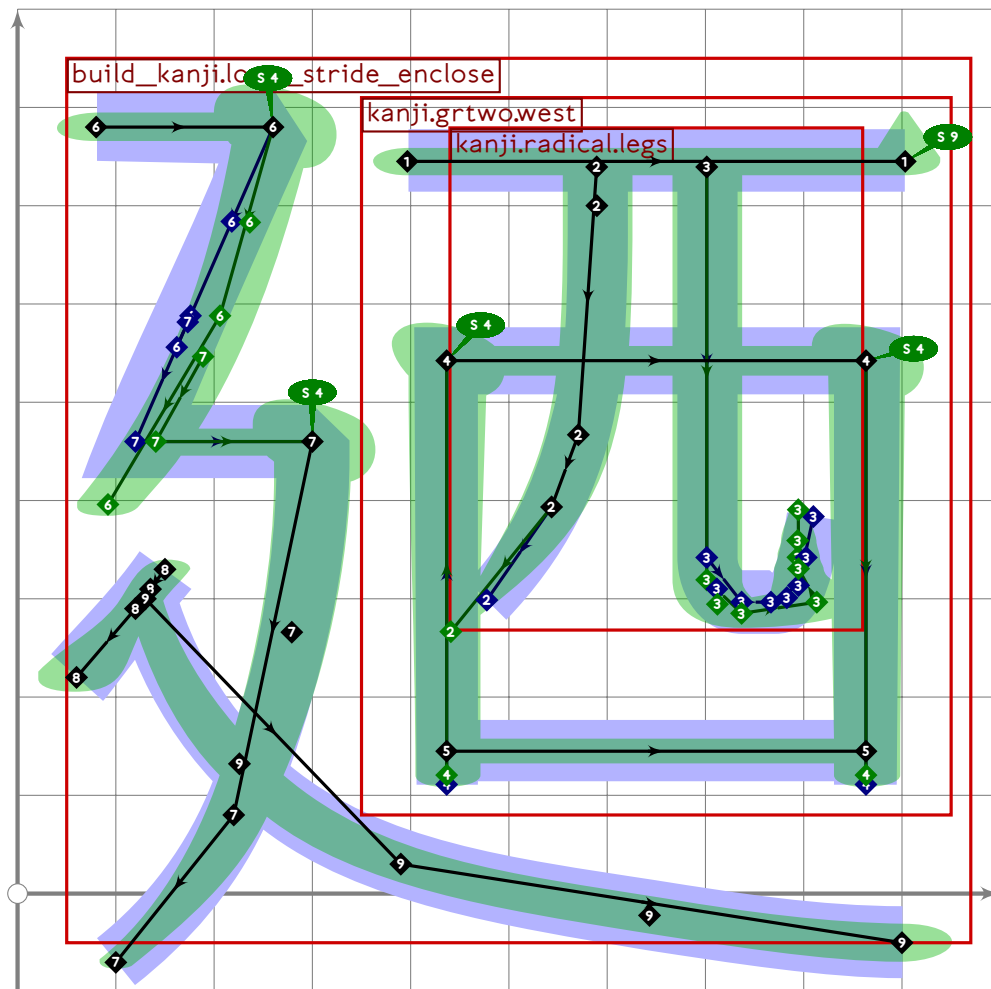
533 % extra
534 begintsuglyph("uni5EF9";249);
535   build_kanji.long_stride_enclose(true)(kanji.grone.white);
536   tsu_render;
537 endtsuglyph;
538
539 % ken/ta "build"
540 begintsuglyph("uni5EFA";250);
541   kanji.grfour.build;
542   tsu_render;
543 endtsuglyph;
544
545 % kai/mawa "go around"
546 begintsuglyph("uni5EFB";251);
547   kanji.grnine.go_around;
548   tsu_render;
549 endtsuglyph;
550

```

[see page 606]

[see page 2108]

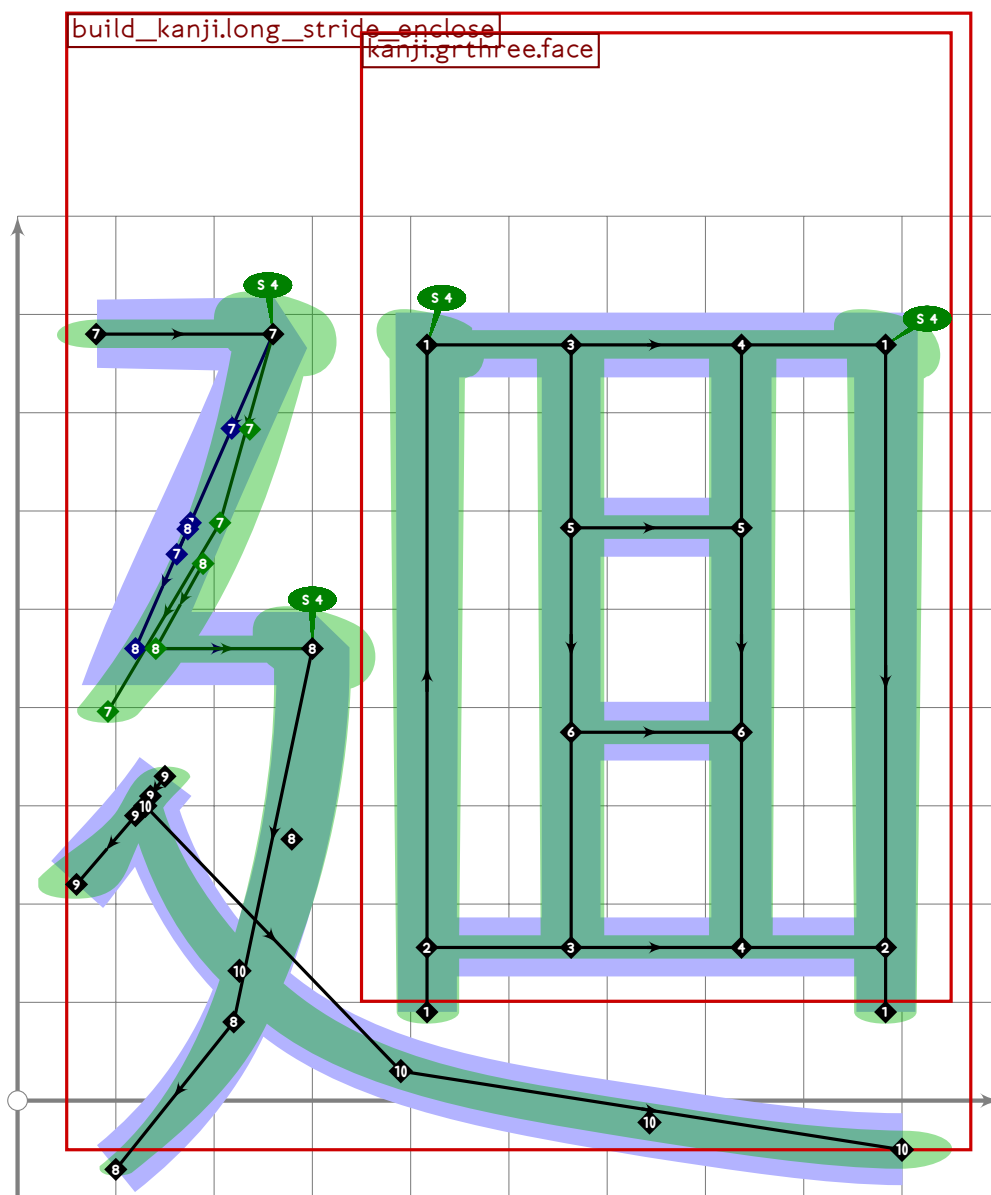
U+5EFC
tsuku.uni5EFC



```

551 % extra "in other words," "thou," etc.
552 begintsuglyph("uni5EFC";252);
553   build_kanji.long_stride_enclose(true)(kanji.grtwo.west);
554   tsu_render;
555 endtsuglyph;
556

```



```

557 % extra
558 begintsuglyph("uni5EFD";253);
559   build_kanji.long_stride_enclose(true)(
560     build_kanji.sscale(yscaled 1.35 shifted (0,180))(kanji.grthree.face);
561     obstacktype[find_whatever(otstroke,-6)]:=otnull;
562     obstacktype[find_whatever(otstroke,-6)]:=otnull);
563   tsu_render;
564 endtsuglyph;
565
566 % extra
567 begintsuglyph("uni5EFE";254);
568   kanji.radical.aitch;
569   tsu_render;
570 endtsuglyph;
571
572 % juu/nijuu "twenty"

```

[see page 684]

573 begintsuglyph("uni5EFF";255); [see page 806]
574 kanji.grnine.twenty;
575 tsu_render;
576 endtsuglyph;
577
578

579
580 endfont;
581
582

tsuku-5f.mp

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input 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;
```

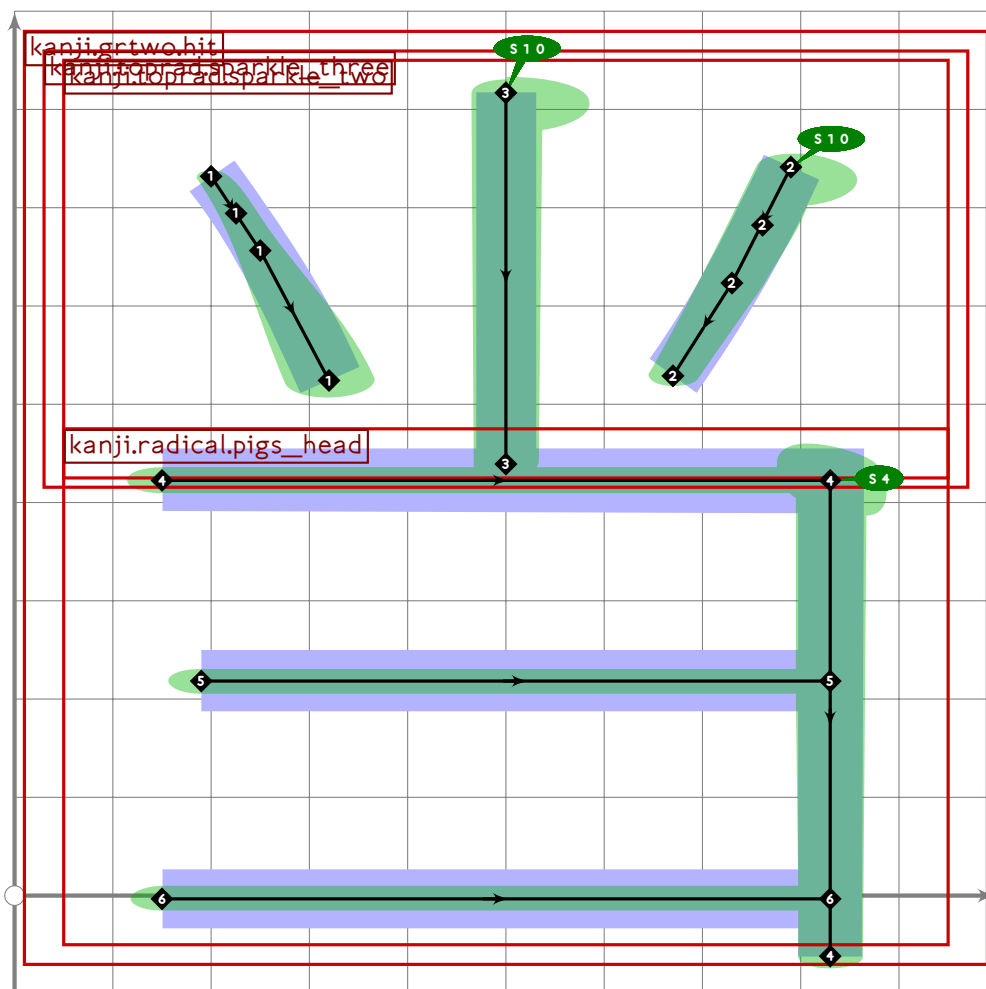
```
52
```

```
53 do_late_includes;
```

```
54
```

```
55
```

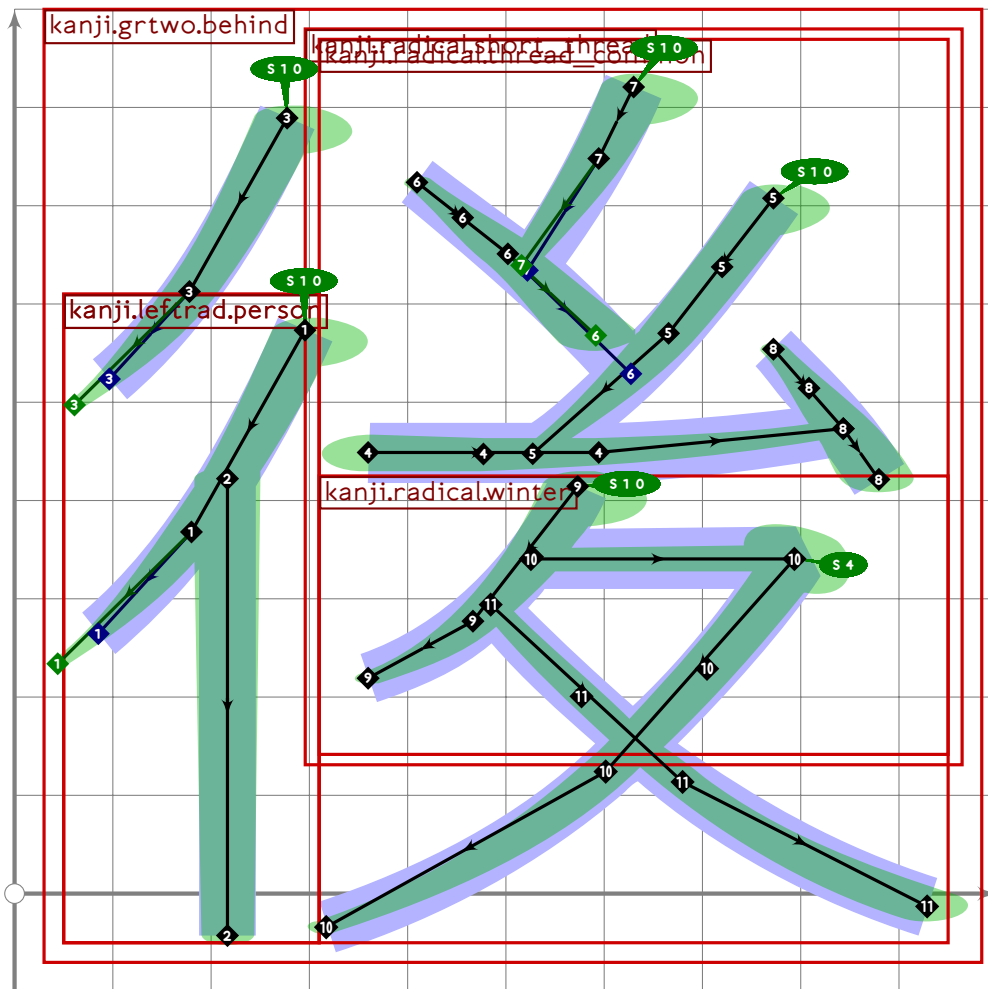
U+5F53
tsuku.uni5F53



```

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

```

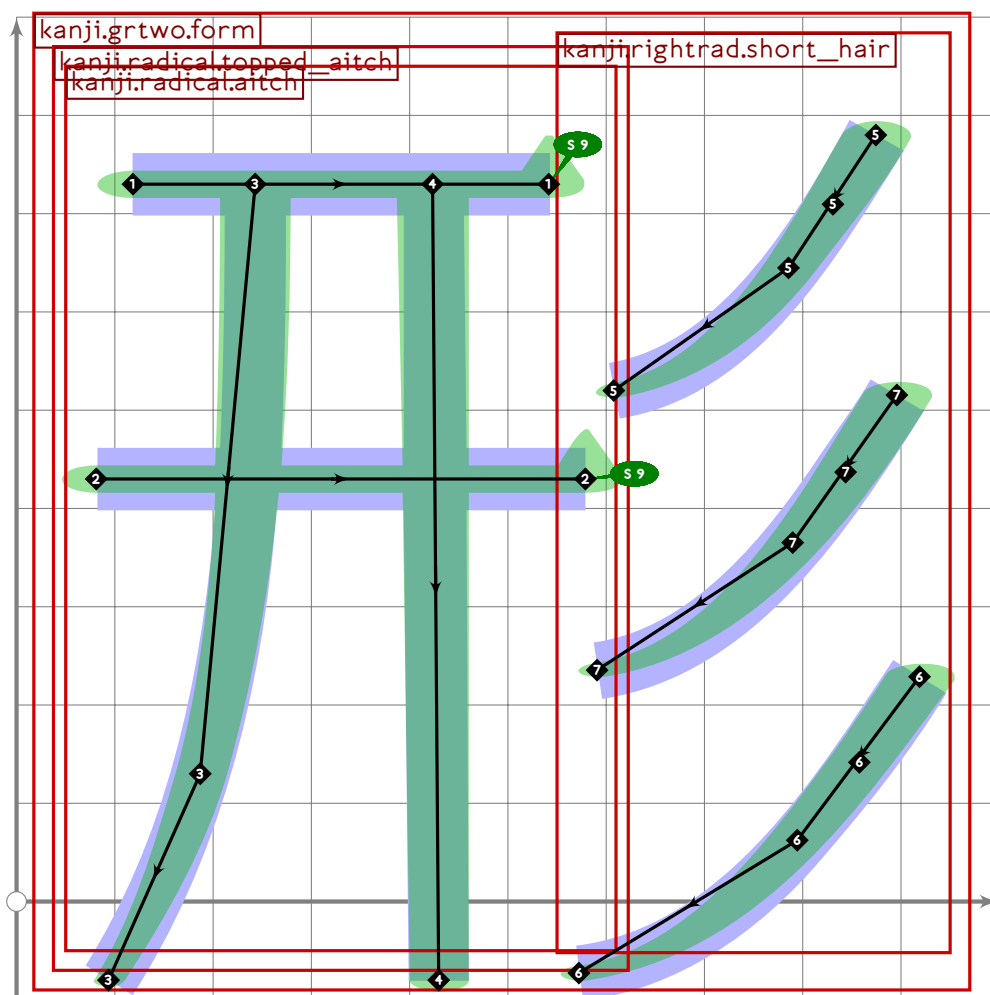


```

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

```

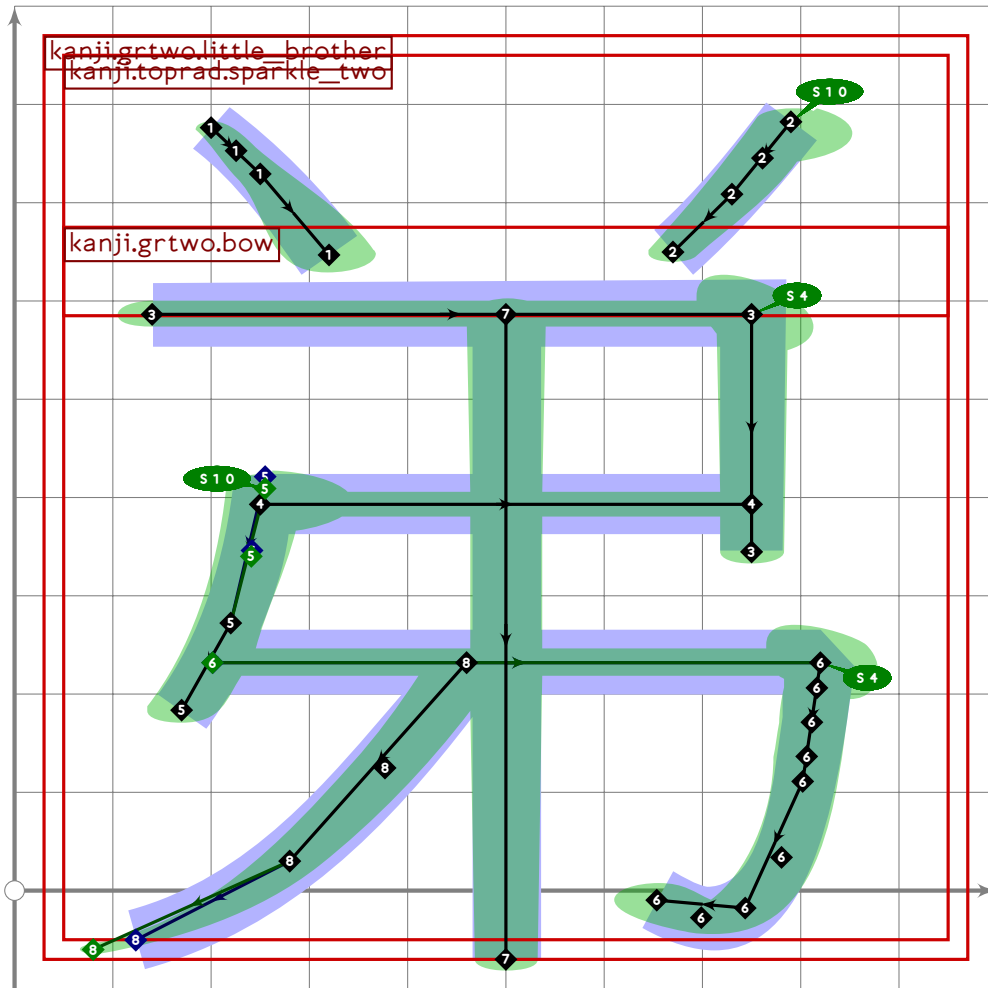
U+5F62
tsuku.uni5F62



```

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

```

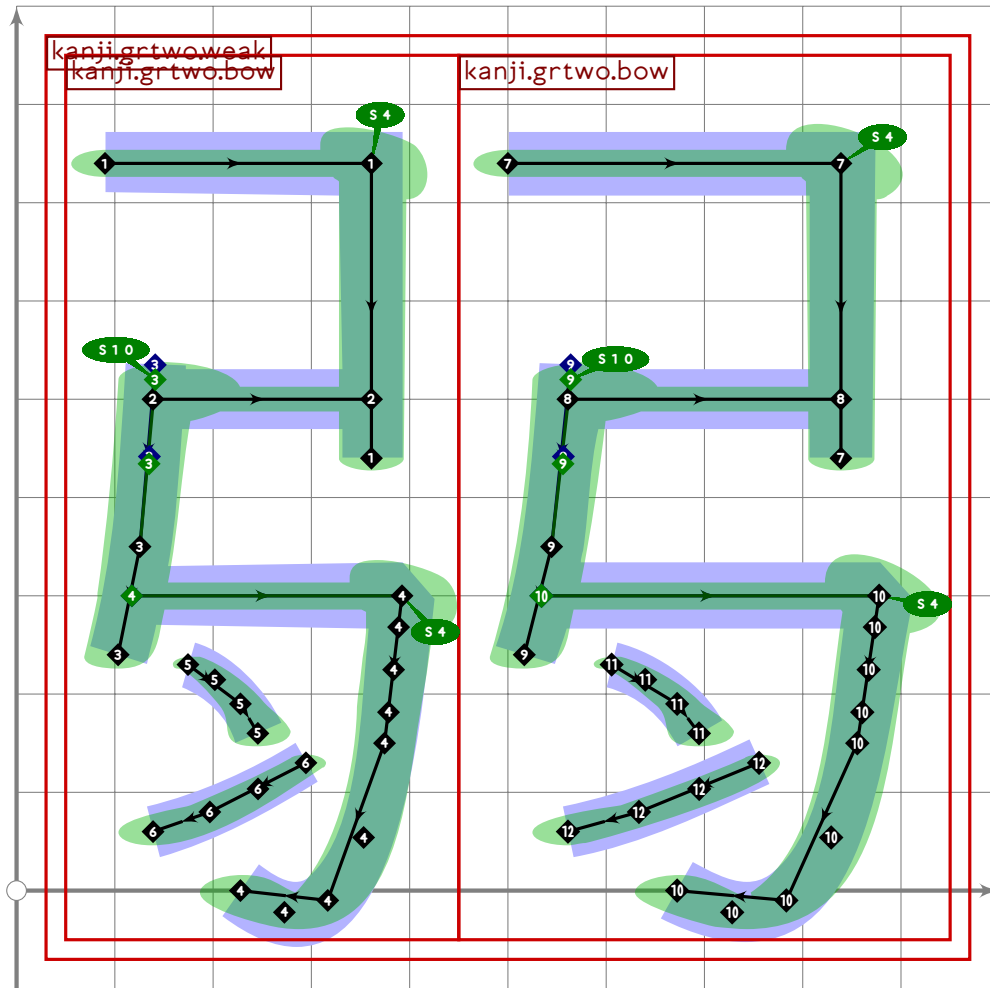


```

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

```

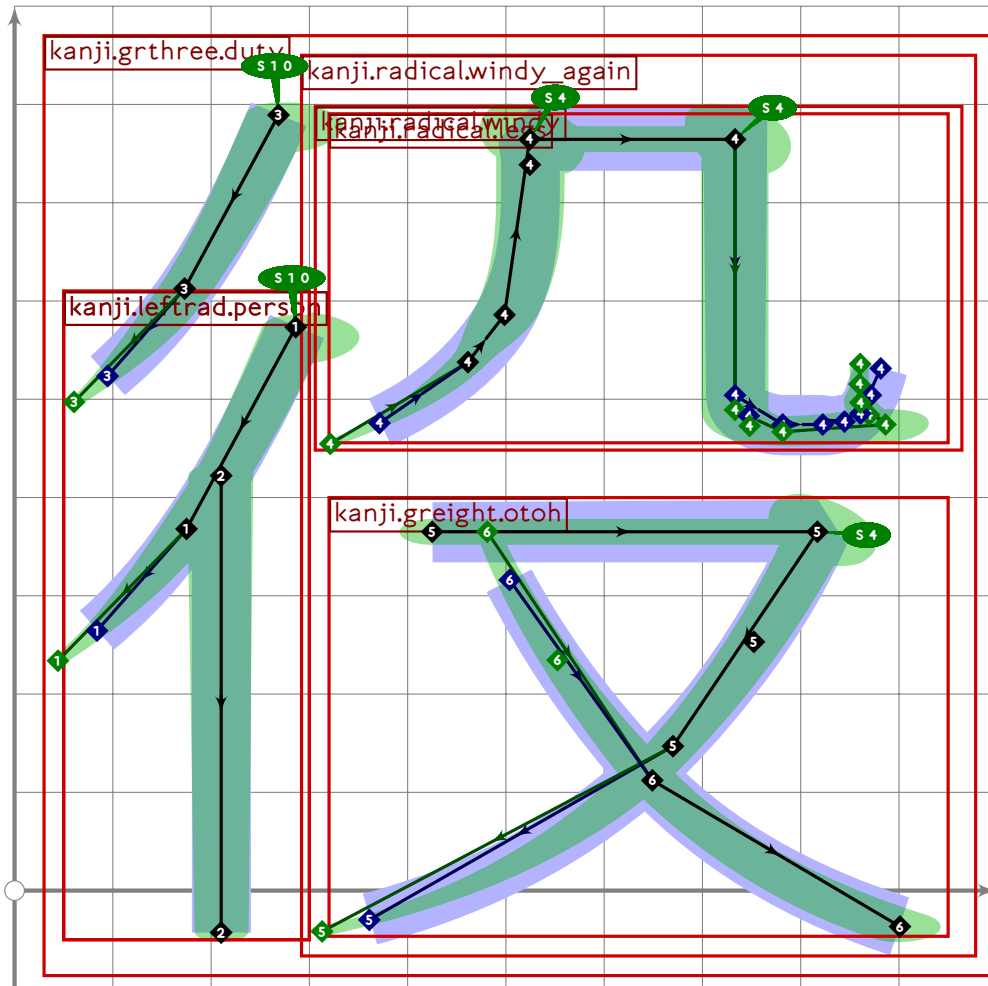
U+5F31
tsuku.uni5F31



```

99
100 vardef kanji.grtwo.weak =
101   push_pbox_toexpand("kanji.grtwo.weak");
102   build_kanji.lr(450,0)
103   (tsu_curve_kanji.grtwo_helper.weak)
104   (tsu_curve_kanji.grtwo_helper.weak);
105   expand_pbox;
106 enddef;
107
108 vardef tsu_curve_kanji.grtwo_helper.weak =
109   kanji.grtwo.bow;
110   push_stroke((330,230)..tension 1.2..(450,190)..(490,160),
111     (1.2,1.2)-(1.4,1.4)-(1.8,1.8));
112   set_bosize(0,80);
113   push_stroke((600,130)..tension 1.2..(380,80)..(250,60),
114     (1.3,1.3)-(1.6,1.6)-(1.9,1.9));
115   set_bosize(0,80);
116 enddef;
117
118

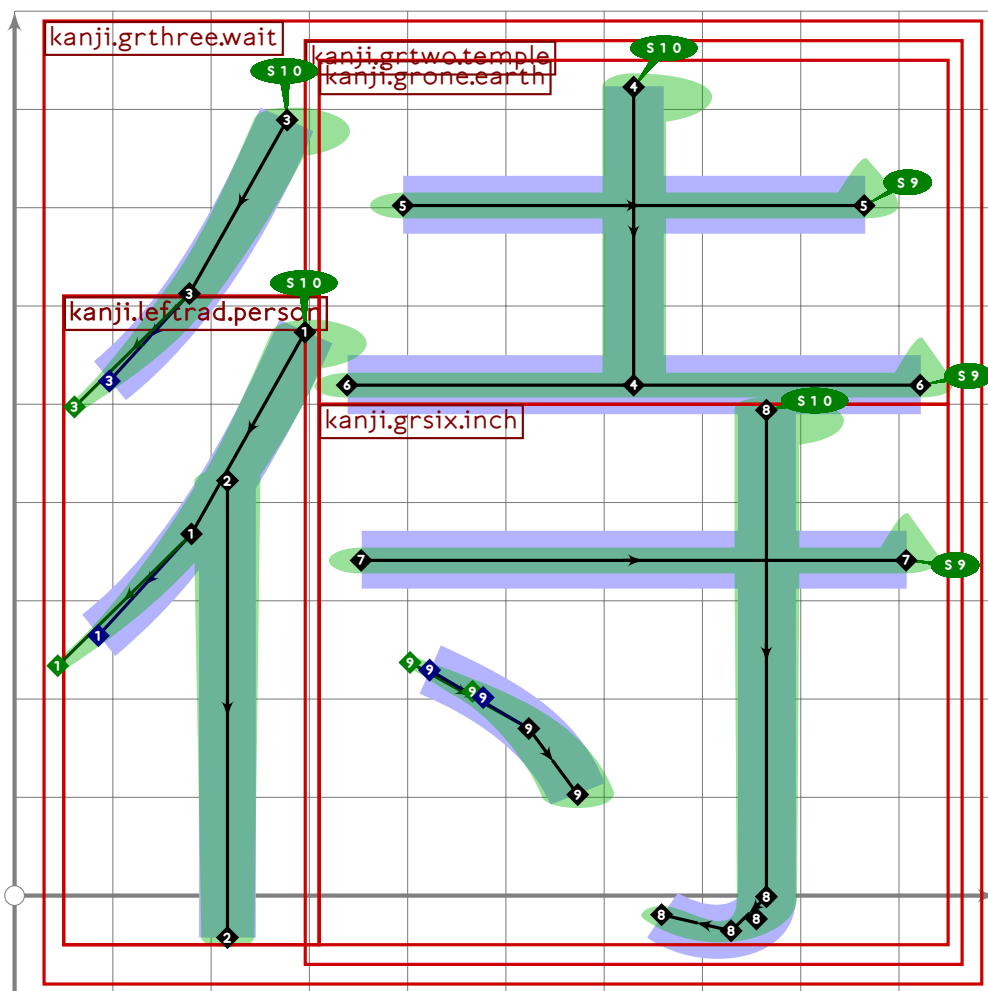
```



```

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

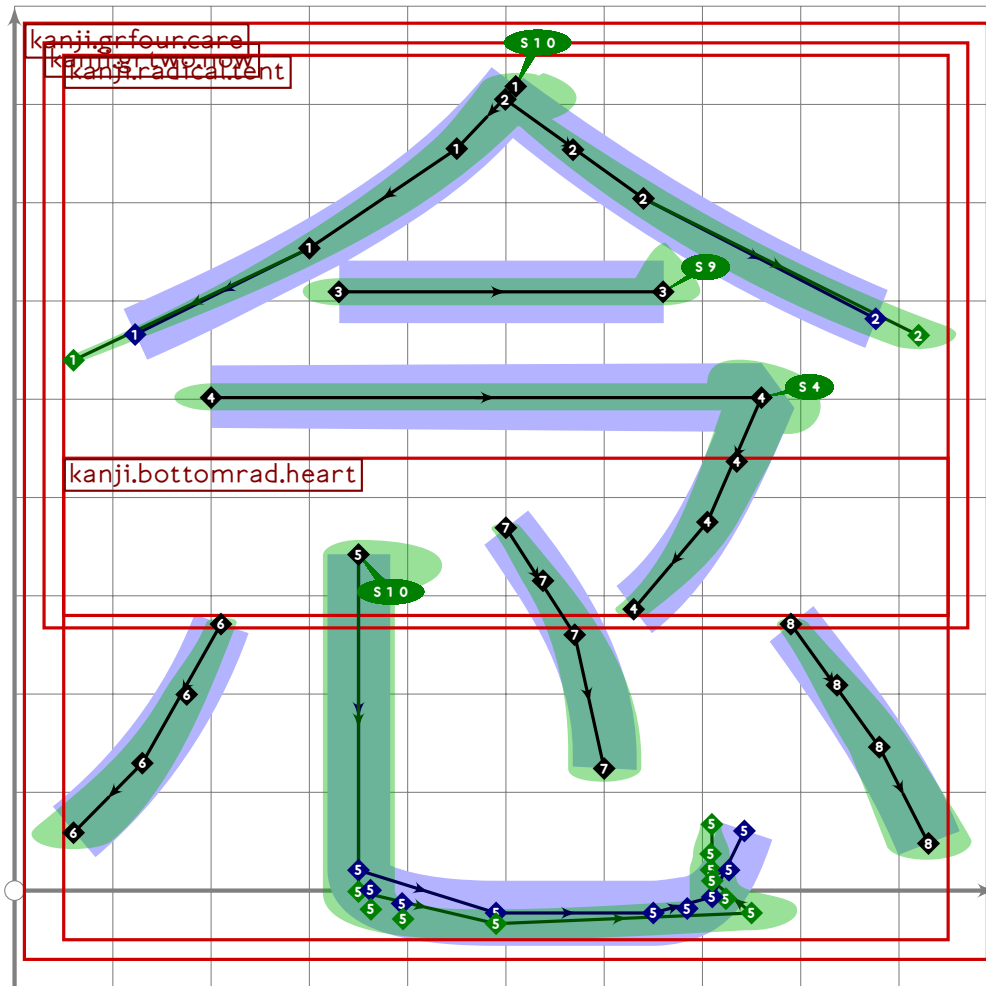
```



```

127
128 vardef kanji.grthree.wait =
129   push_pbox_toexpand("kanji.grthree.wait");
130   build_kanji.level(build_kanji.lr(310,0)
131     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
132     (kanji.grtwo.temple));
133   expand_pbox;
134 enddef;
135
136

```

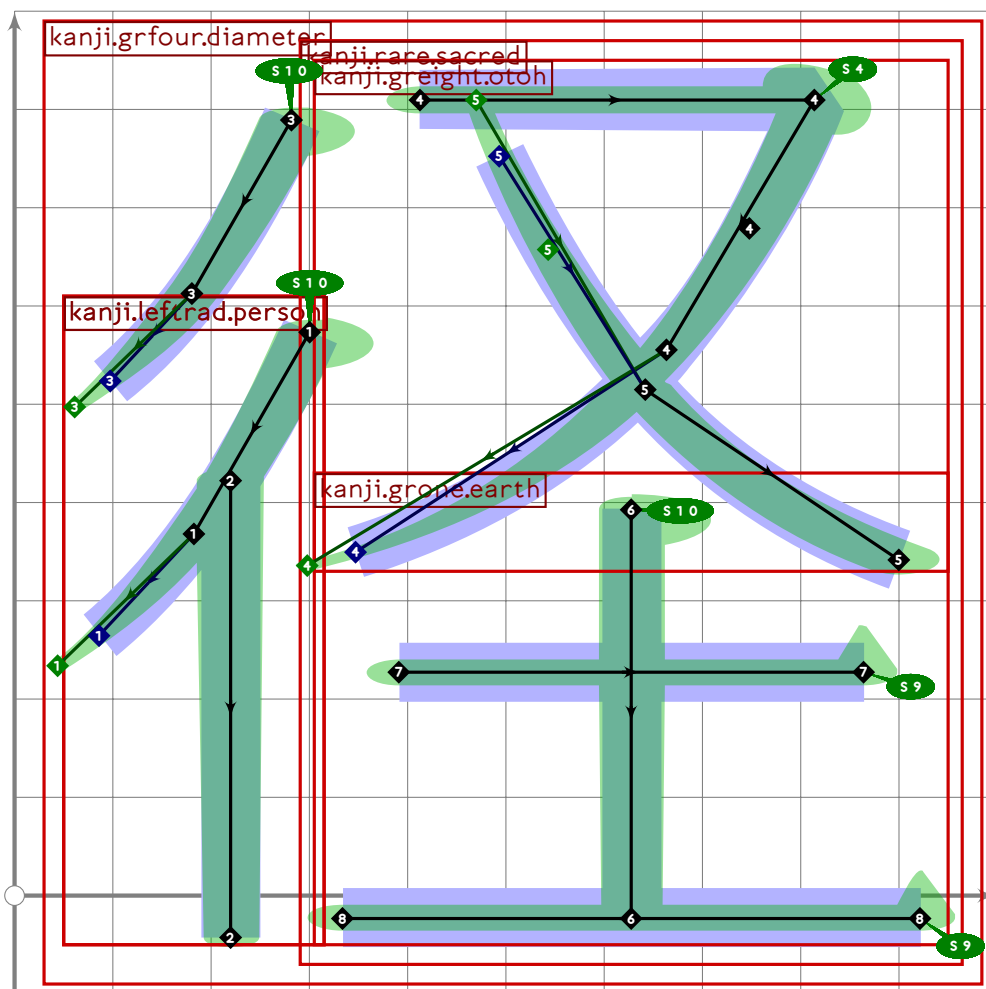



```

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

```

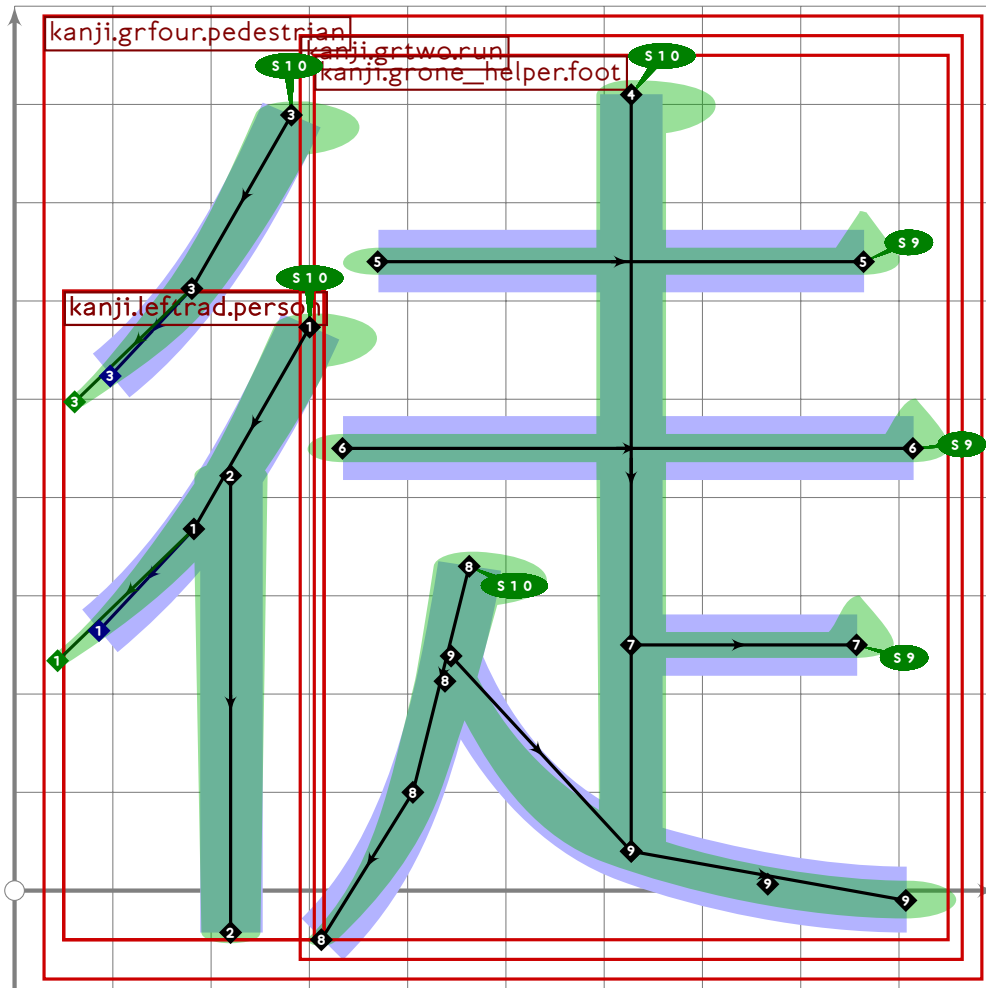
U+5F84
tsuku.uni5F84



```

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

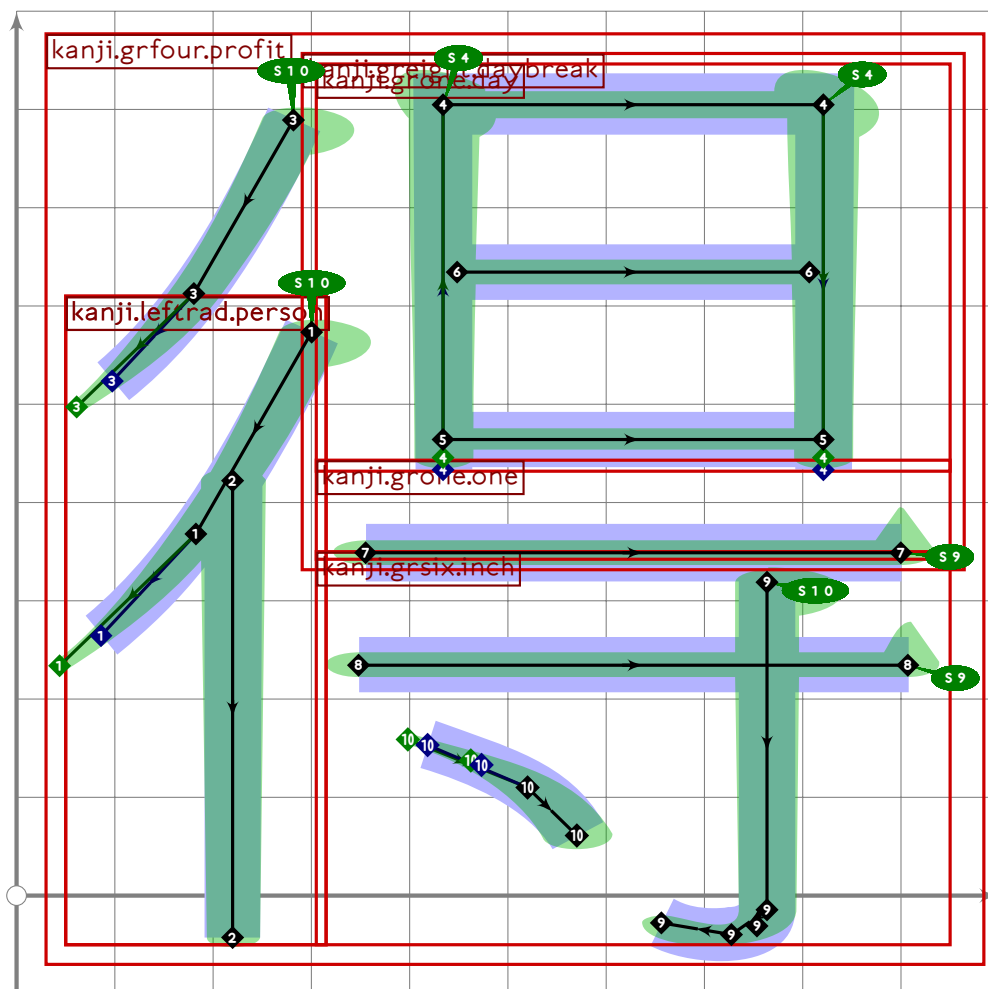
```



```

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

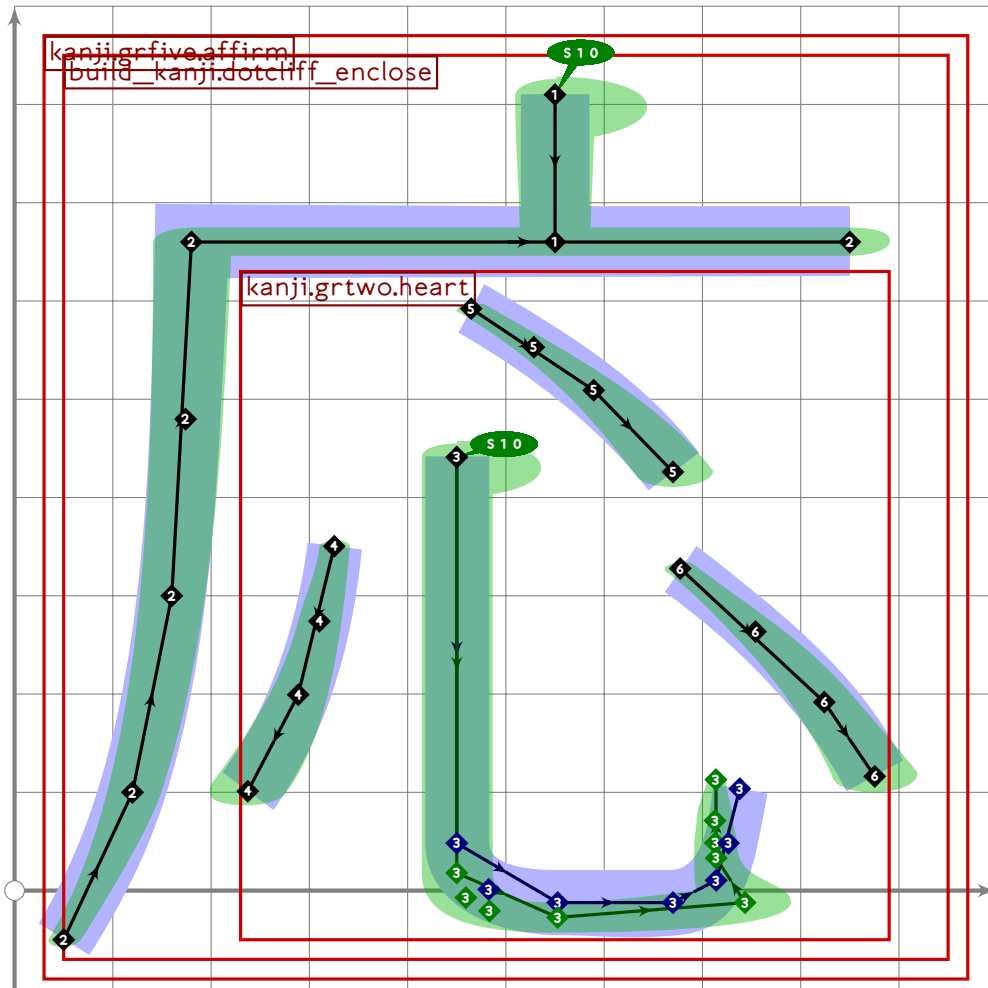
```



```

166
167 vardef kanji.grfour.profit =
168   push_pbox__toexpand("kanji.grfour.profit");
169   build_kanji.level(build_kanji.lr(310,10)
170     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
171     (build_kanji.tb(360,20)
172       (kanji.greight.daybreak;
173         replace_stroke(0)(oldp shifted (0,-80)))
174       (kanji.grsix.inch)));
175   expand_pbox;
176 enddef;
177
178

```

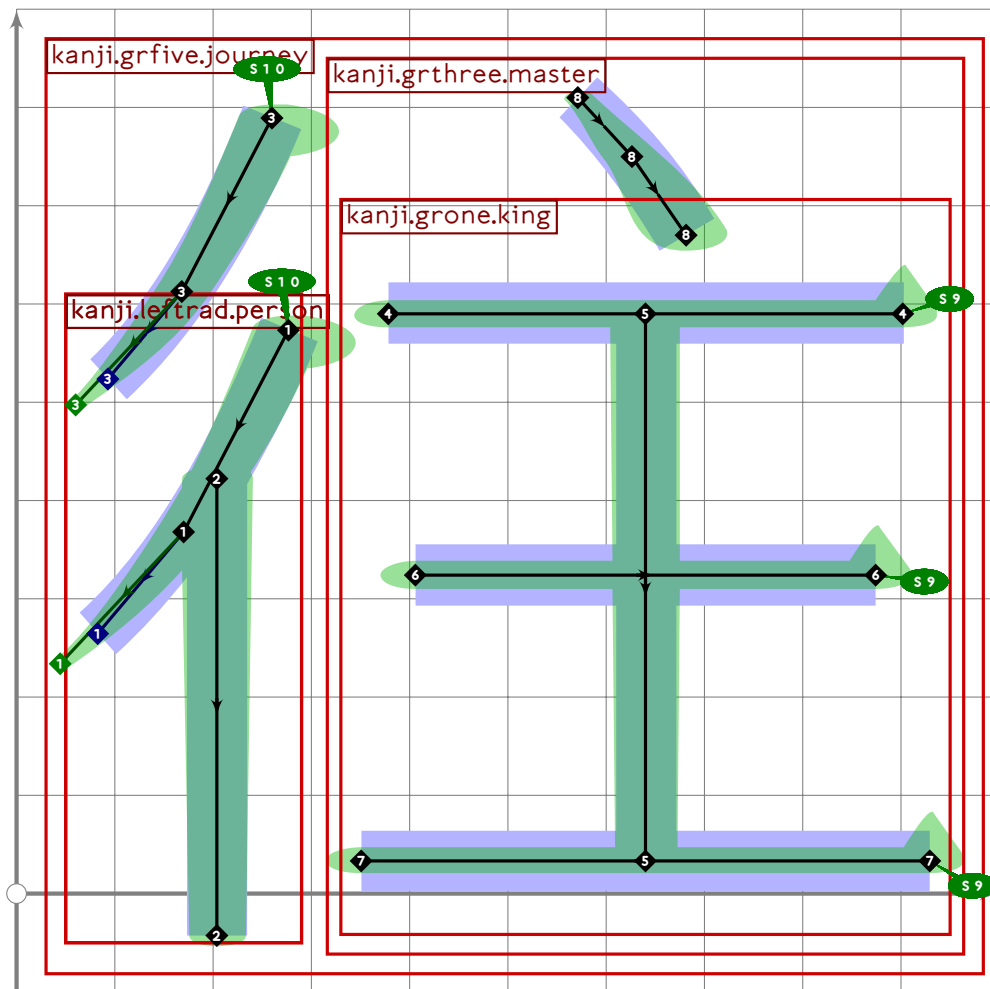


```

179
180 vardef kanji.grfive.affirm =
181   push_pbox_toexpand("kanji.grfive.affirm");
182   build_kanji.dotcliff_enclose(kanji.grtwo.heart);
183   expand_pbox;
184 enddef;

```

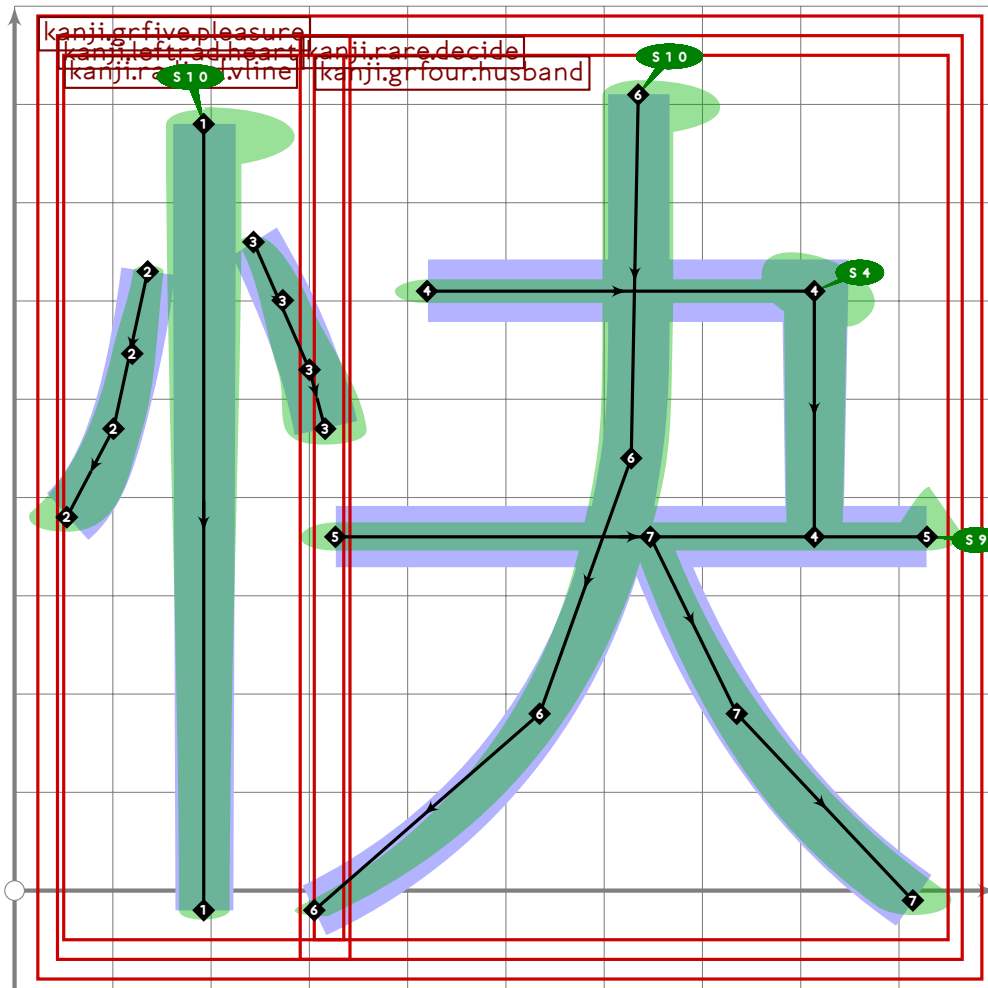
U+5F80
tsuku.uni5F80



```

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

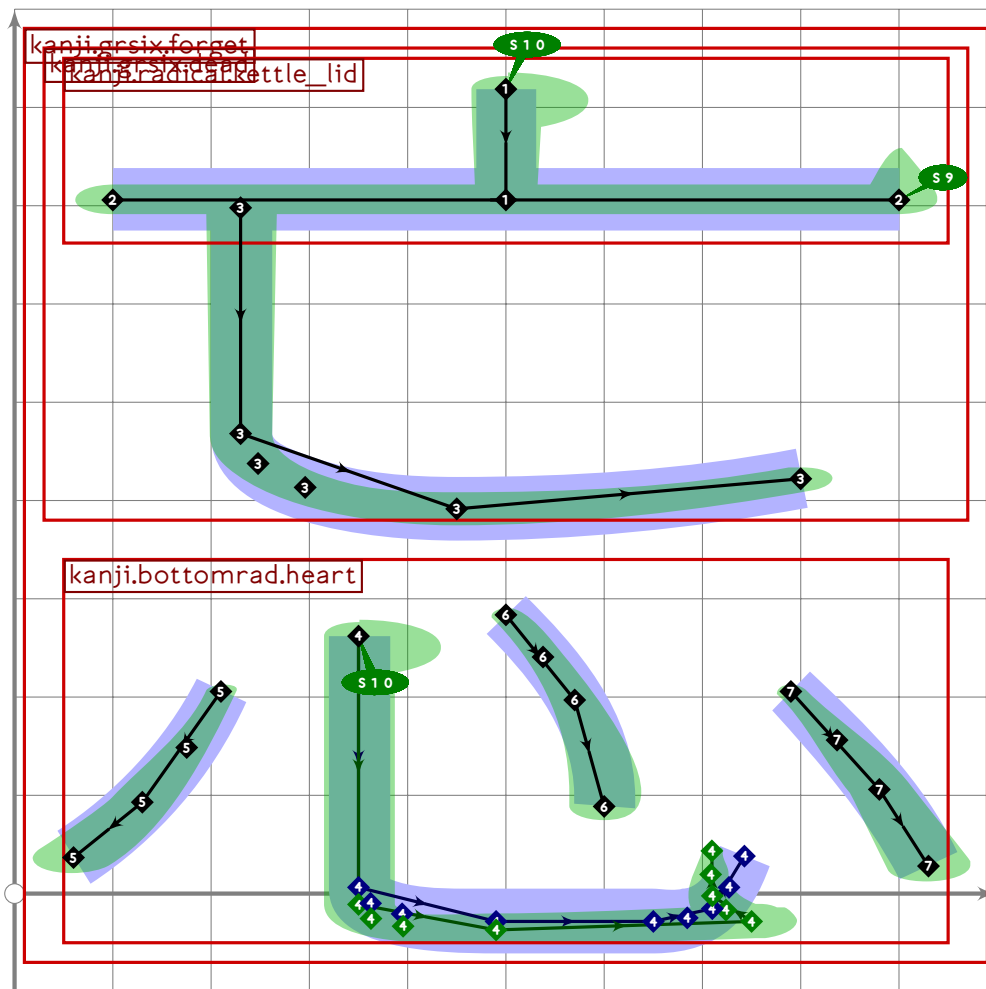
```



```

193
194 vardef kanji.grfive.pleasure =
195   push_pbox_toexpand("kanji.grfive.pleasure");
196   build_kanji.level(build_kanji.lr(320,30)
197     (kanji.leftrad.heart)
198     (kanji.rare.decide));
199   expand_pbox;
200 enddef;
201
202

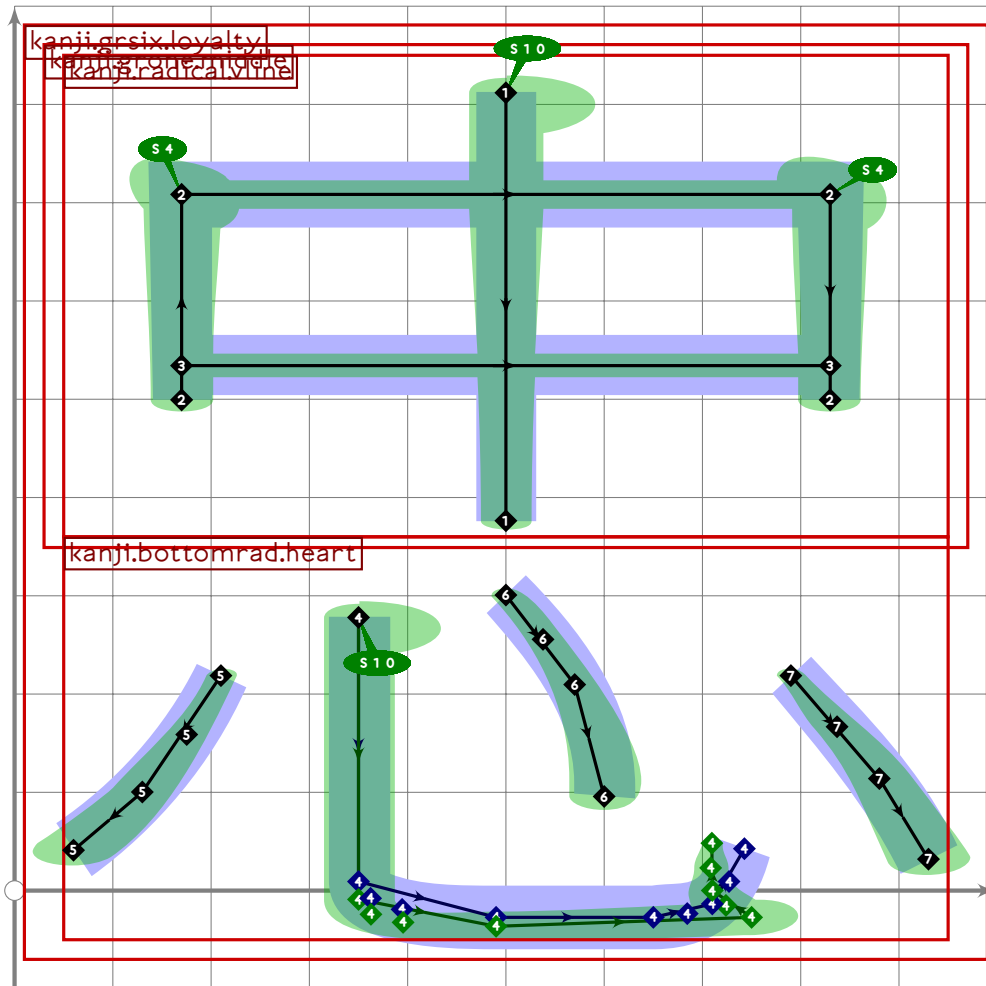
```



```

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

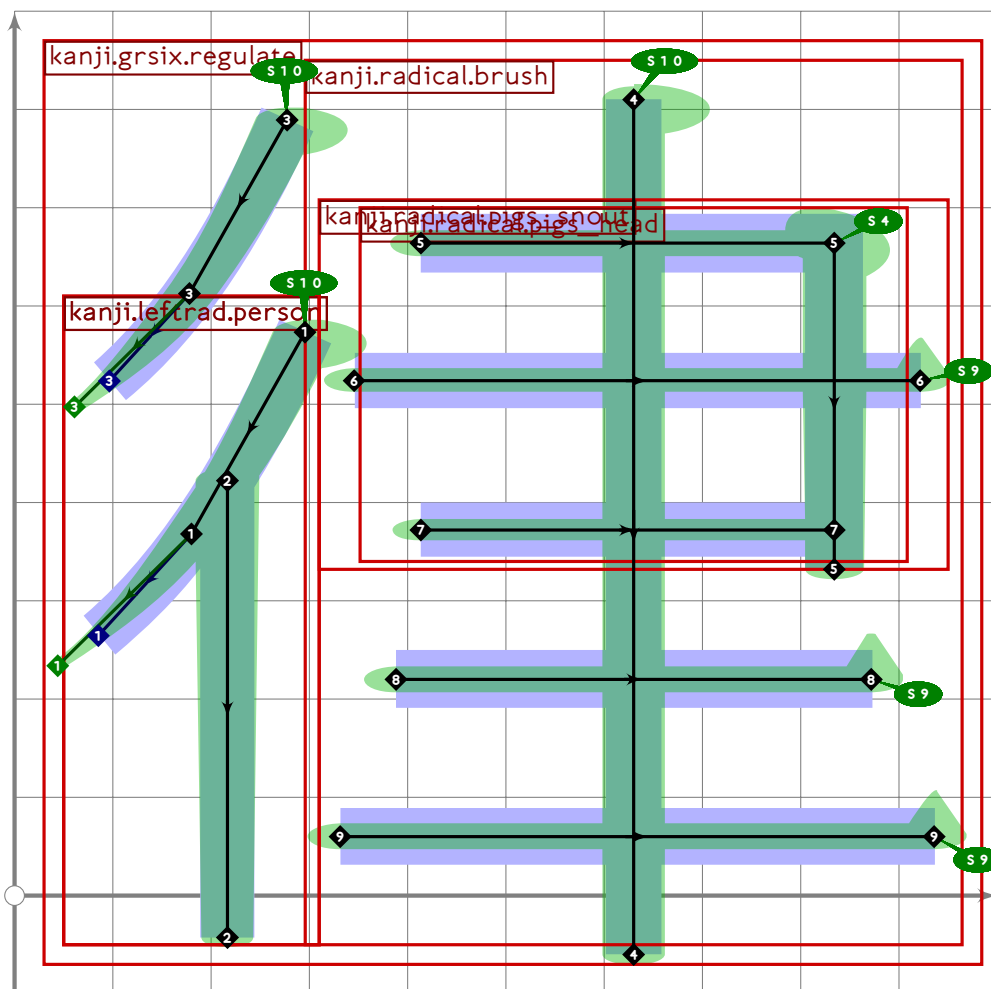
```

```

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

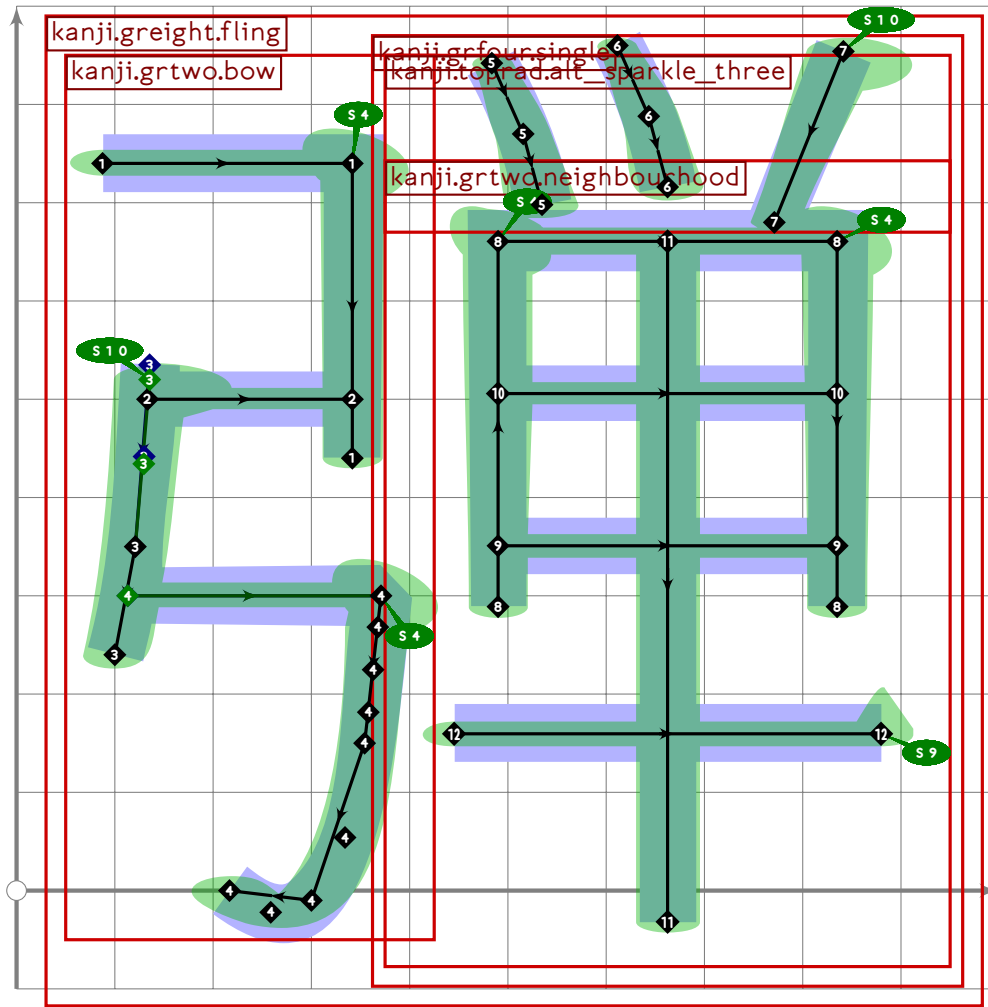
```



```

219
220 vardef kanji.grsix.regulate =
221   push_pbox_toexpand("kanji.grsix.regulate");
222   build_kanji.level(build_kanji.lr(310,0)
223     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
224     (kanji.radical.brush));
225   expand_pbox;
226 enddef;
227
228

```

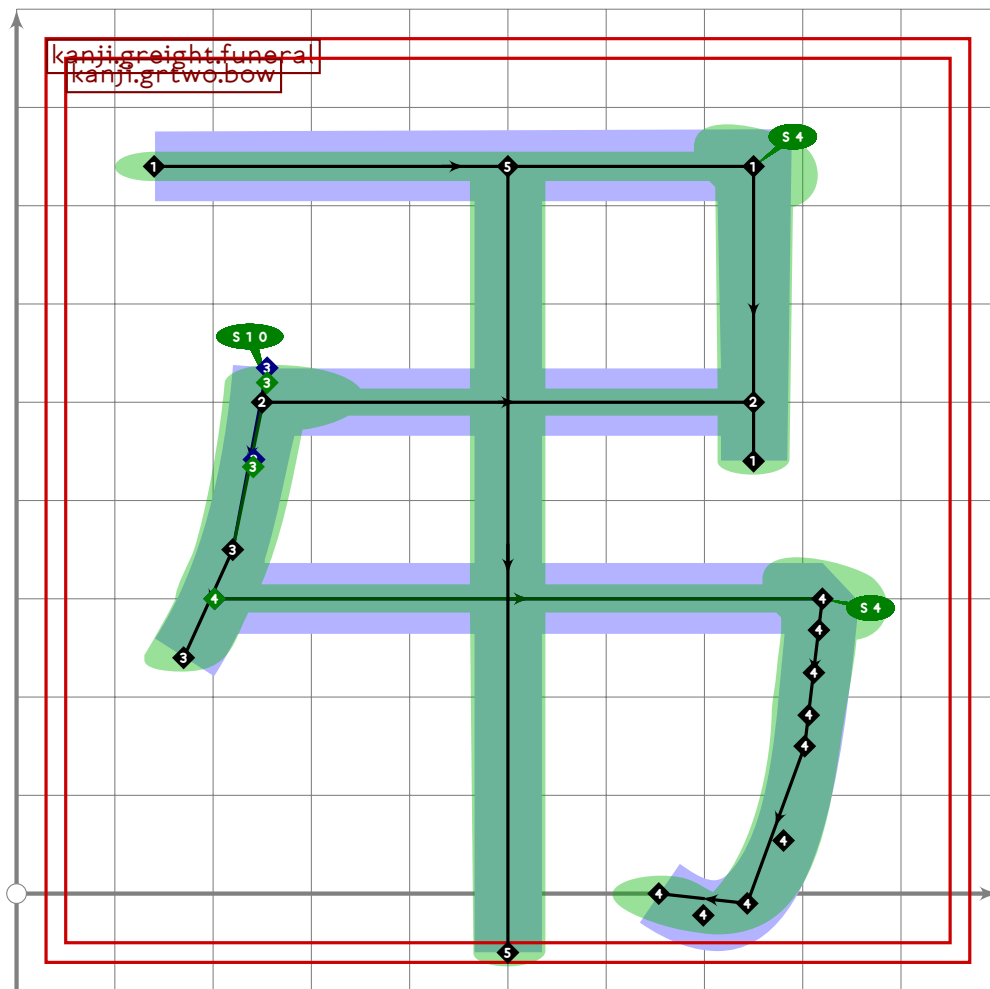


```

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

```

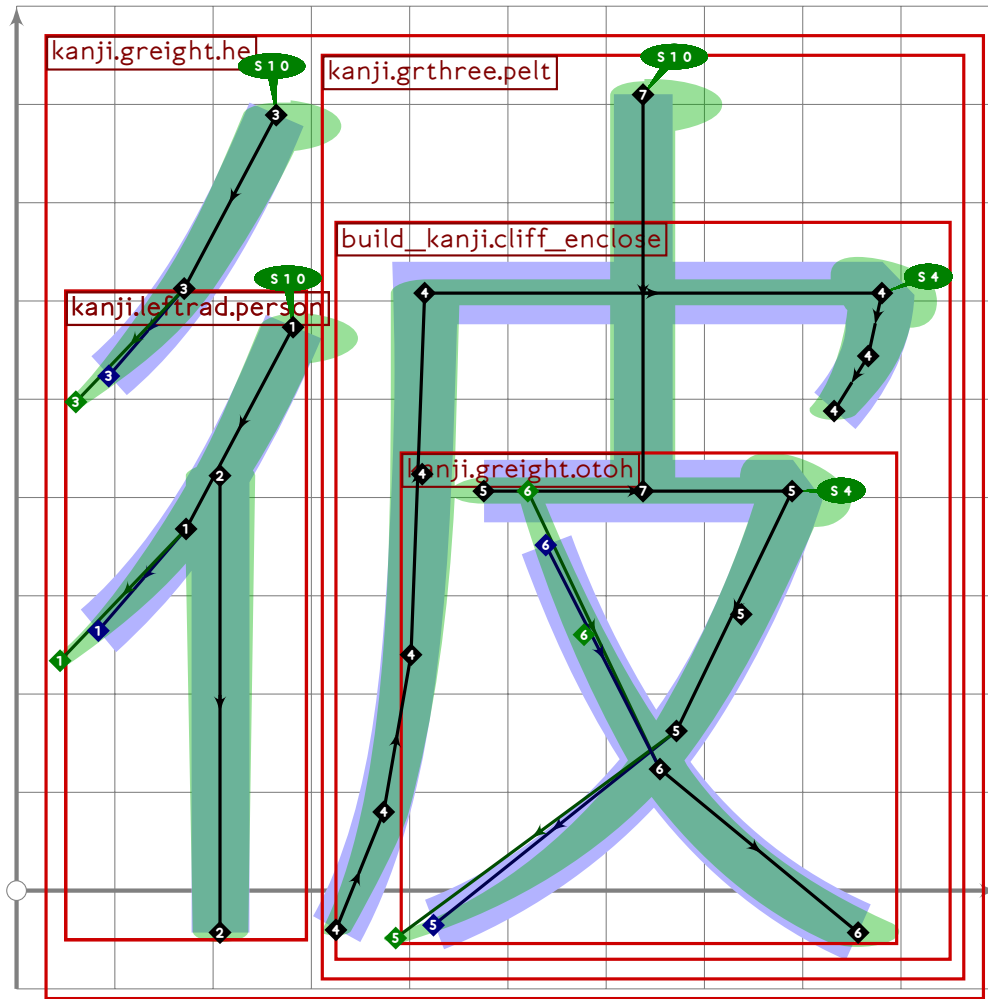
U+5F14
tsuku.uni5F14



```

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

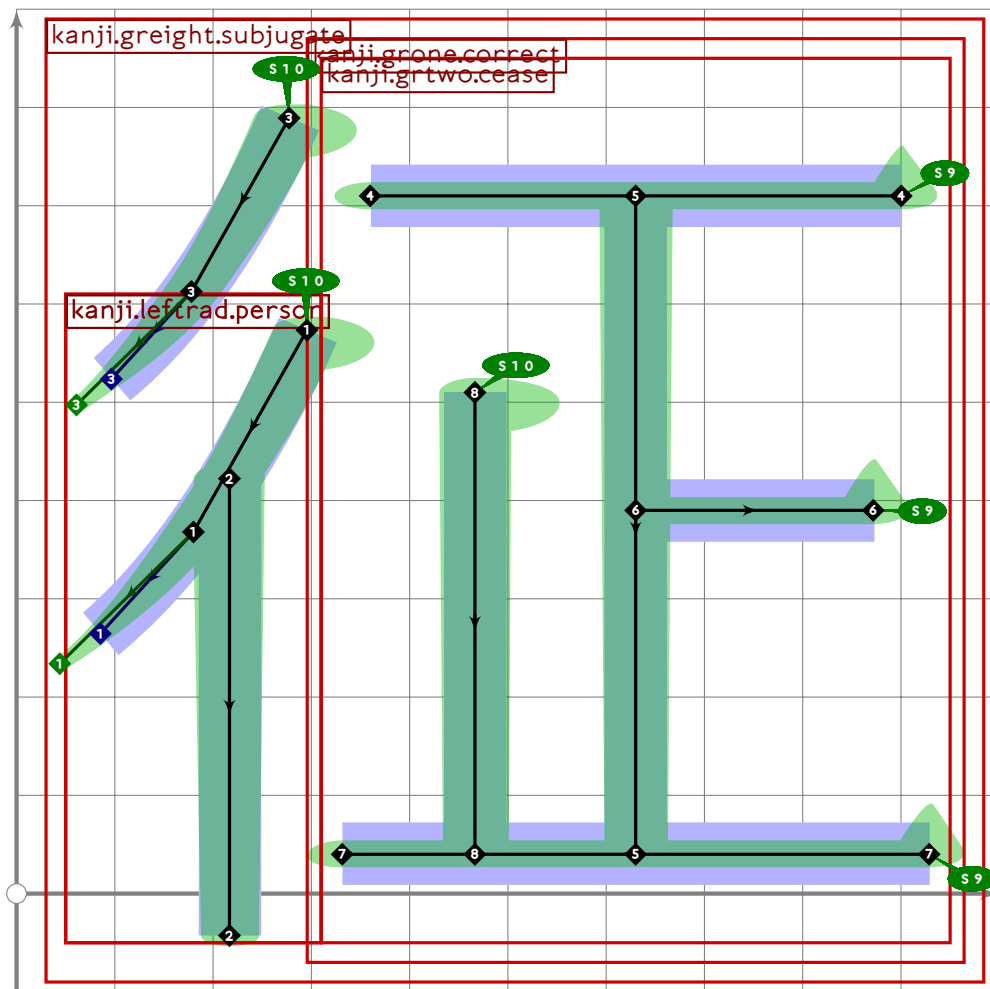
```



```

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

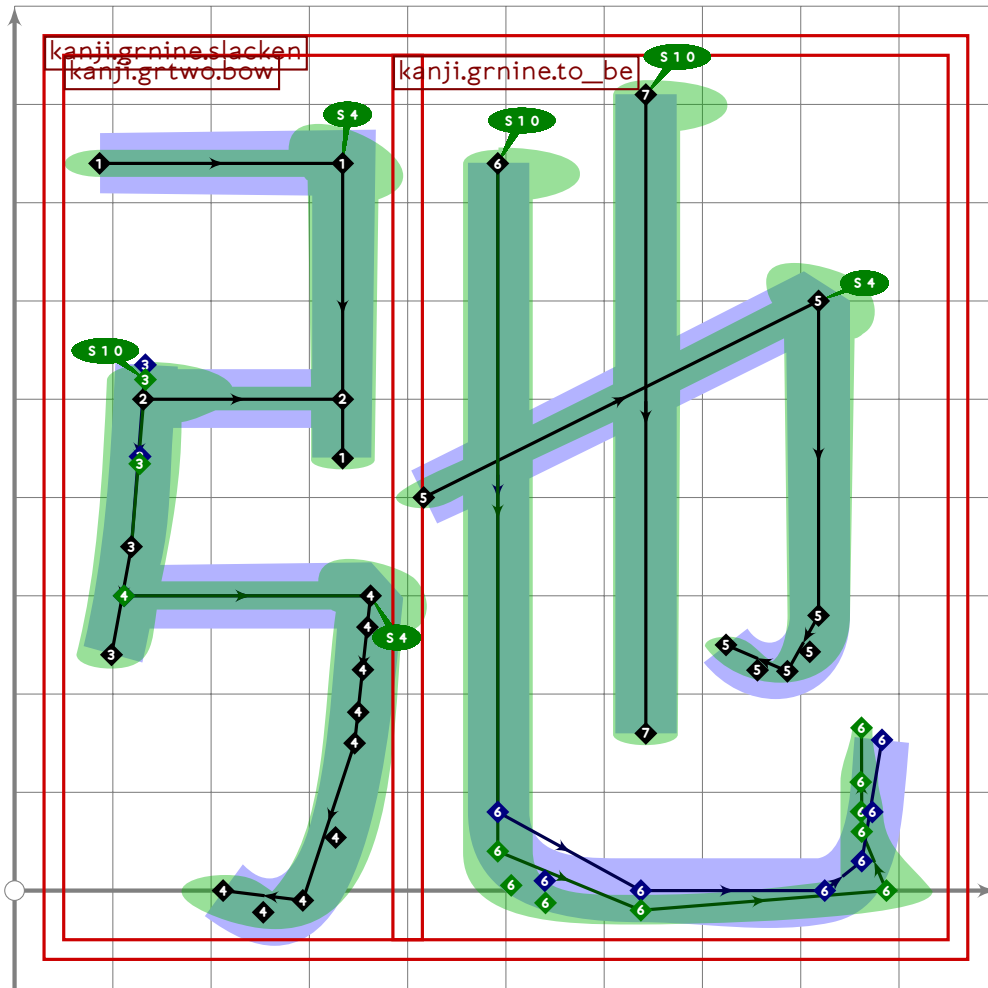
```



```

255
256 vardef kanji.greight.subjugate =
257   push_pbox_toexpand("kanji.greight.subjugate");
258   build_kanji.level(build_kanji.lr(310,0)
259     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
260     (kanji.grone.correct));
261   expand_pbox;
262 enddef;
263
264

```

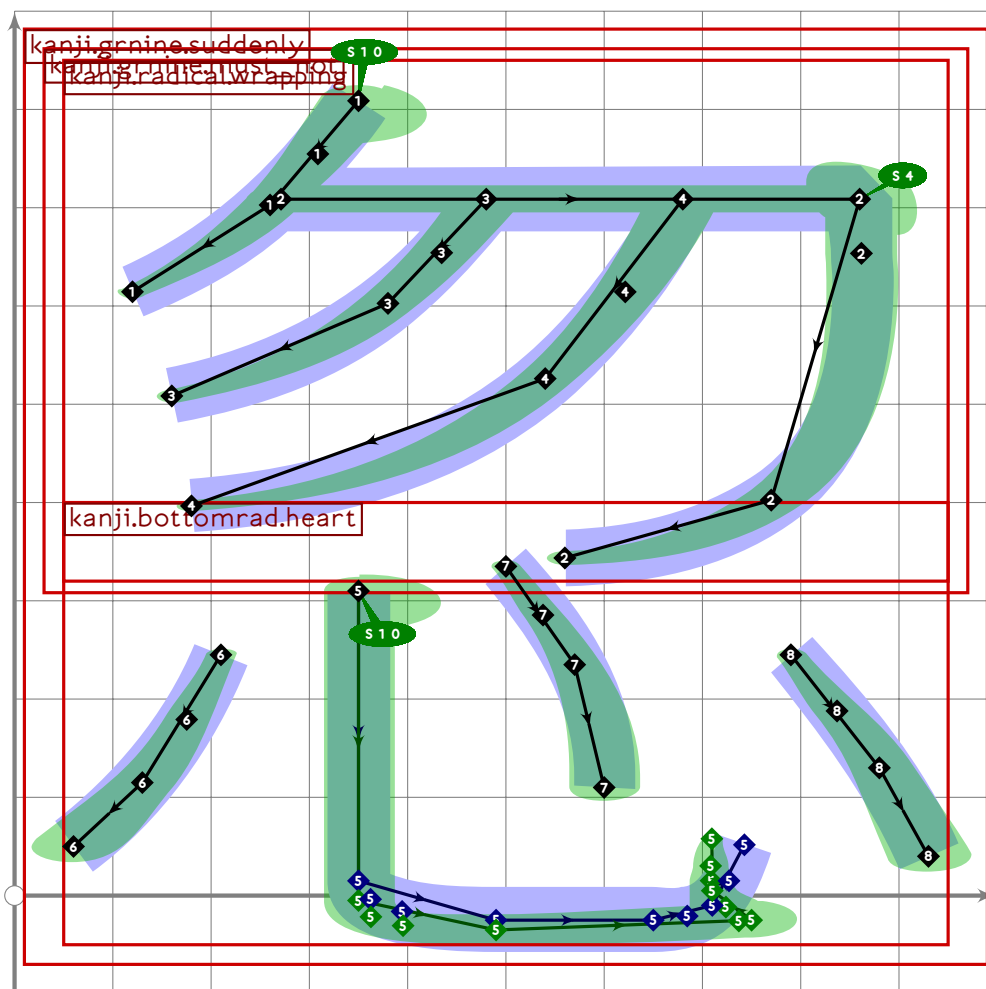


```

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

```

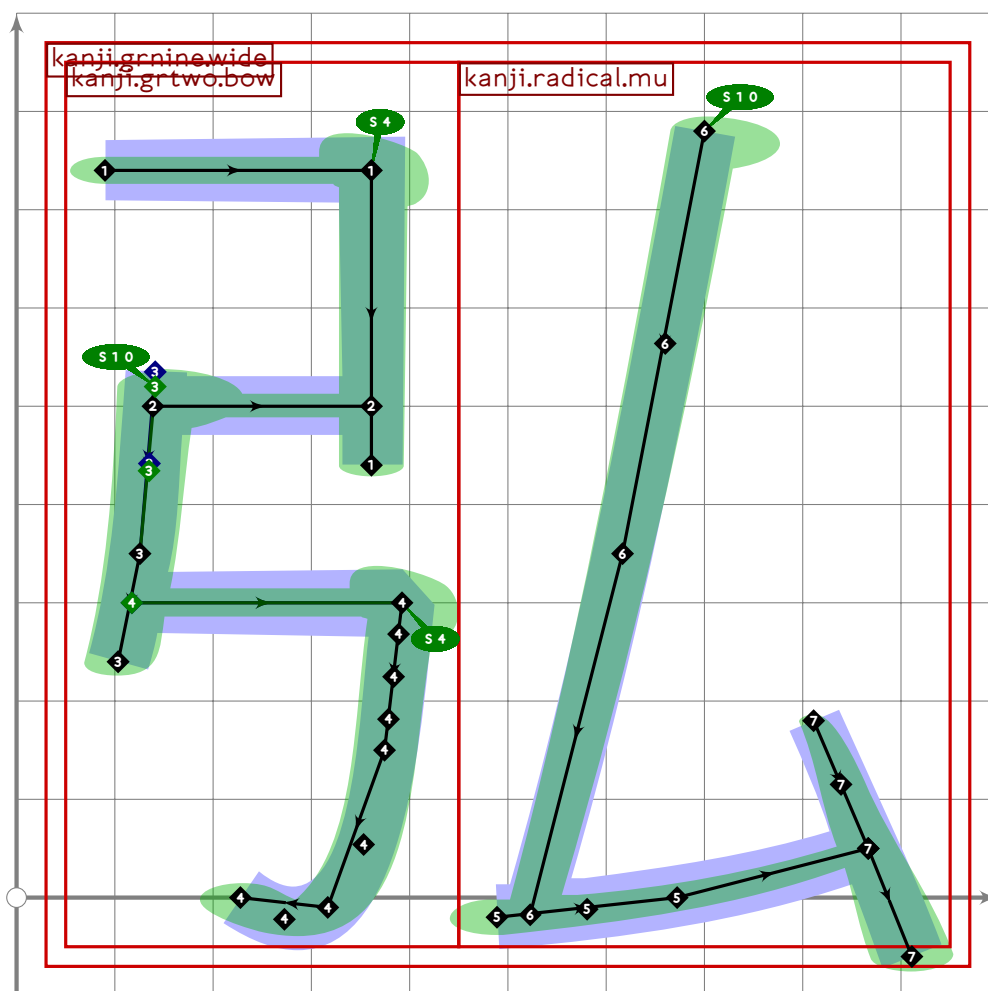
U+5FFD
tsuku.uni5FFD



```

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

```

```

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

```

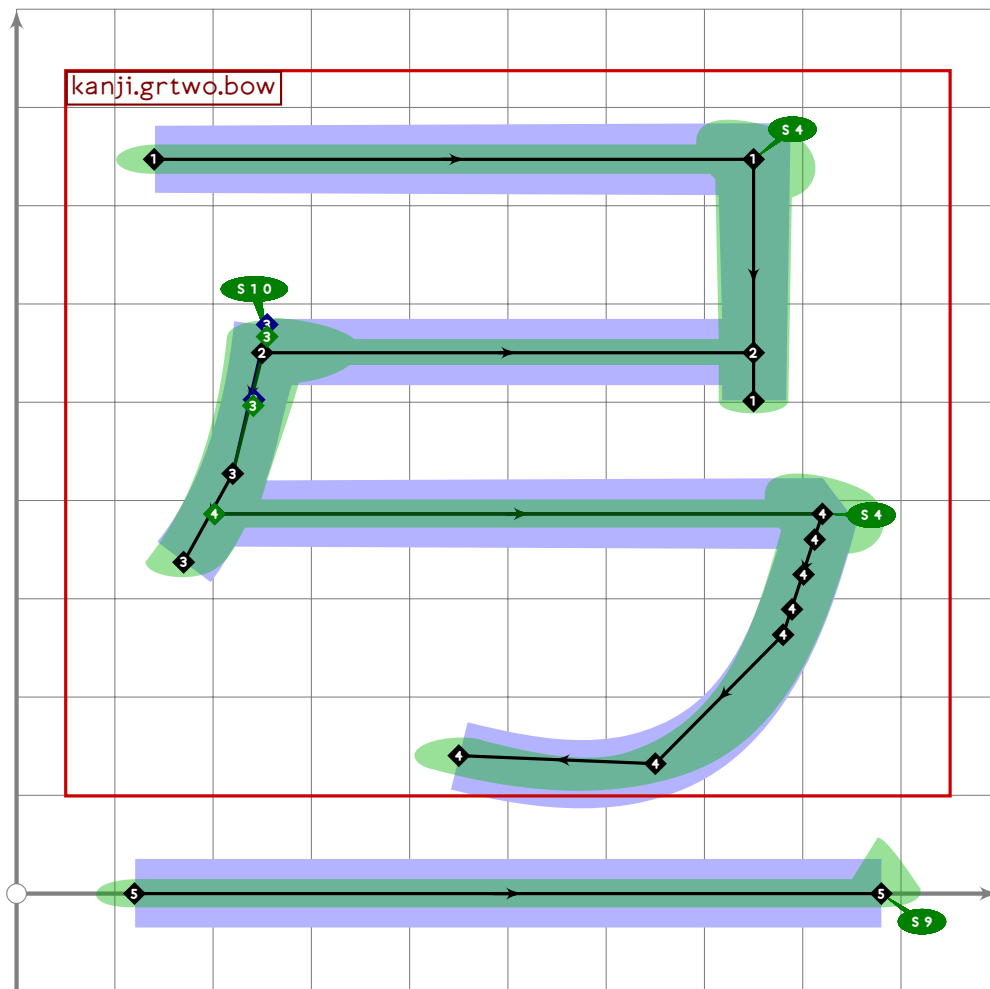
[see page 715]

[see page 690]

```

302 endtsuglyph;
303
304 % shiki/nori "formula"
305 begintsuglyph("uni5F0F";15); [see page 574]
306   kanji.grthree.formula;
307   tsu_render;
308 endtsuglyph;
309
310 % kyu/yumi "bow" (projectile weapon)
311 begintsuglyph("uni5F13";19); [see page 486]
312   kanji.grtwo.bow;
313   tsu_render;
314 endtsuglyph;
315
316 % chou/tomura "funeral"
317 begintsuglyph("uni5F14";20); [see page 2146]
318   kanji.greight.funeral;
319   tsu_render;
320 endtsuglyph;
321
322 % in/hi "pull"
323 begintsuglyph("uni5F15";21); [see page 538]
324   kanji.grtwo.pull;
325   tsu_render;
326 endtsuglyph;
327

```



```

328 % te "phoneme only"
329 begintsuglyph("uni5F16";22);
330 tsu_xform(identity shifted (0,780) yscaled 0.82 shifted (0,780))
331   (kanji.grtwo.bow);
332 push_stroke((120,0)-(880,0),(1.6,1.6)-(1.6,1.6));
333 set_boserif(0,19);
334 tsu_render;
335 endtsuglyph;
336
337 % futsu/doru "dollar"
338 begintsuglyph("uni5F17";23);
339 kanji.rare.dollar;
340 tsu_render;
341 endtsuglyph;
342
343 % kou/hiro "wide" (used in names)
344 begintsuglyph("uni5F18";24);
345 kanji.grnine.wide;
346 tsu_render;
347 endtsuglyph;
348

```

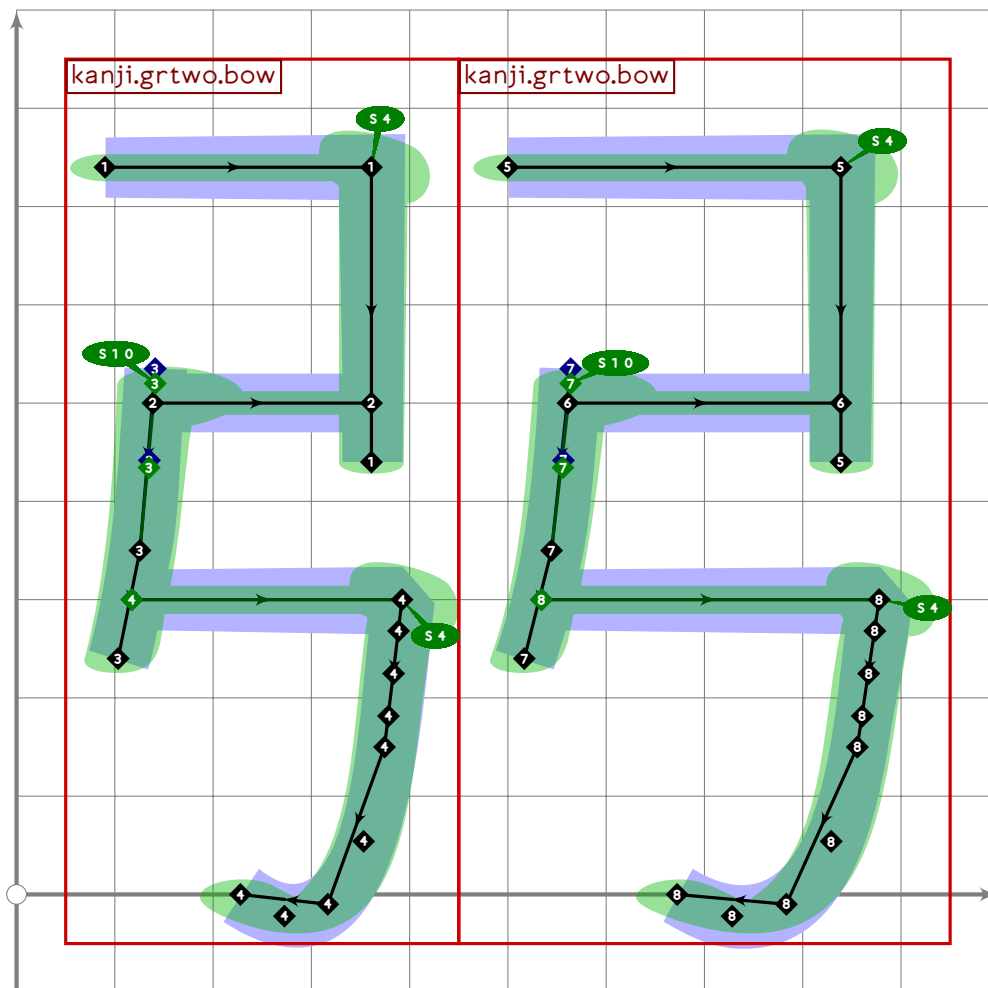
[see page 825]

[see page 2151]

U+5F1C
tsuku.uni5F1C

```
349 % chi/taru "slacken"  
350 begintsuglyph("uni5F1B",27);  
351   kanji.grnine.slacken;  
352   tsu_render;  
353 endtsuglyph;  
354
```

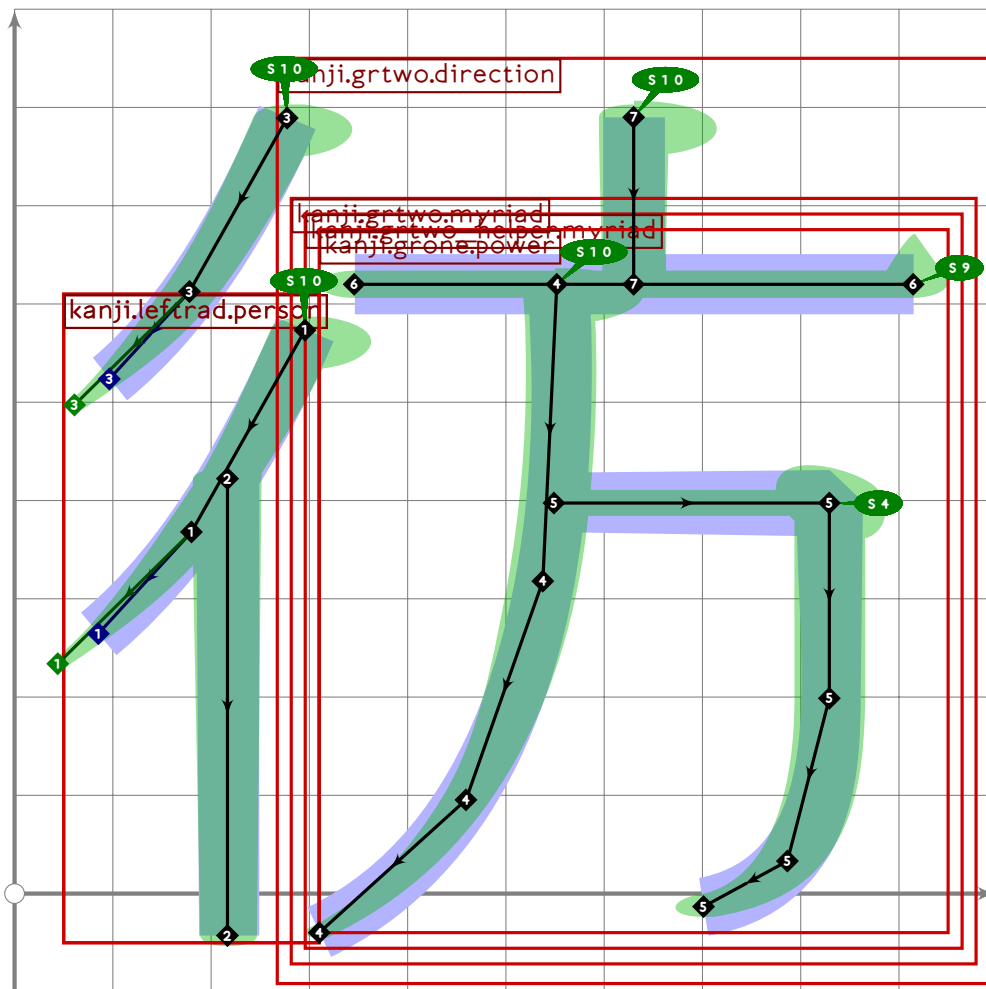
[see page 2149]



```
355 % extra  
356 begintsuglyph("uni5F1C",28);  
357   build_kanji.level(build_kanji.lr(450,0)  
358     (kanji.grtwo.bow  
359     (kanji.grtwo.bow)));  
360   tsu_render;  
361 endtsuglyph;  
362  
363 % twi/otouto "little brother"  
364 begintsuglyph("uni5F1F",31);  
365   kanji.grtwo.little_brother;  
366   tsu_render;  
367 endtsuglyph;  
368  
369 % jyaku/yowa "weak"
```

[see page 2131]

370	begintsuglyph("uni5F31";49);	[see page 2132]
371	kanji.grtwo.weak;	
372	tsu_render;	
373	endtsuglyph;	
374		
375	% kyou/tsuyo "strong"	
376	begintsuglyph("uni5F37";55);	[see page 545]
377	kanji.grtwo.strong;	
378	tsu_render;	
379	endtsuglyph;	
380		
381	% dan/hi multiple meanings including "fling" and "strum"	
382	begintsuglyph("uni5F3E";62);	[see page 2145]
383	kanji.greight.fling;	
384	tsu_render;	
385	endtsuglyph;	
386		
387	% needed for lots of other things, rare by itself	
388	begintsuglyph("uni5F50";80);	[see page 709]
389	kanji.radical.pigs_tail;	
390	tsu_render;	
391	endtsuglyph;	
392		
393	% tou/a(tari) "hit"	
394	begintsuglyph("uni5F53";83);	[see page 2128]
395	kanji.grtwo.hit;	
396	tsu_render;	
397	endtsuglyph;	
398		
399	% san "short hair radical"	
400	begintsuglyph("uni5F61";97);	[see page 725]
401	kanji.rightrad.short_hair;	
402	tsu_render;	
403	endtsuglyph;	
404		
405	% kei/kata "form"	
406	begintsuglyph("uni5F62";98);	[see page 2130]
407	kanji.grtwo.form;	
408	tsu_render;	
409	endtsuglyph;	
410		
411	% gen/hiko "boy"	
412	begintsuglyph("uni5F66";102);	[see page 785]
413	kanji.grnine.boy;	
414	tsu_render;	
415	endtsuglyph;	
416		



```

417 % extra: hou/samayo "loiter"
418 begintsuglyph("uni5F77";119);
419   build_kanji.level(build_kanji.lr(310,0)
420     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
421     (kanji.grtwo.direction));
422   tsu_render;
423 endtsuglyph;
424
425 % yaku "duty"
426 begintsuglyph("uni5F79";121);
427   kanji.grthree.duty;
428   tsu_render;
429 endtsuglyph;
430
431 % hi/kare "he"
432 begintsuglyph("uni5F7C";124);
433   kanji.greight.he;
434   tsu_render;
435 endtsuglyph;
436
437 % ou/i "journey"

```

[see page 2133]

[see page 2147]

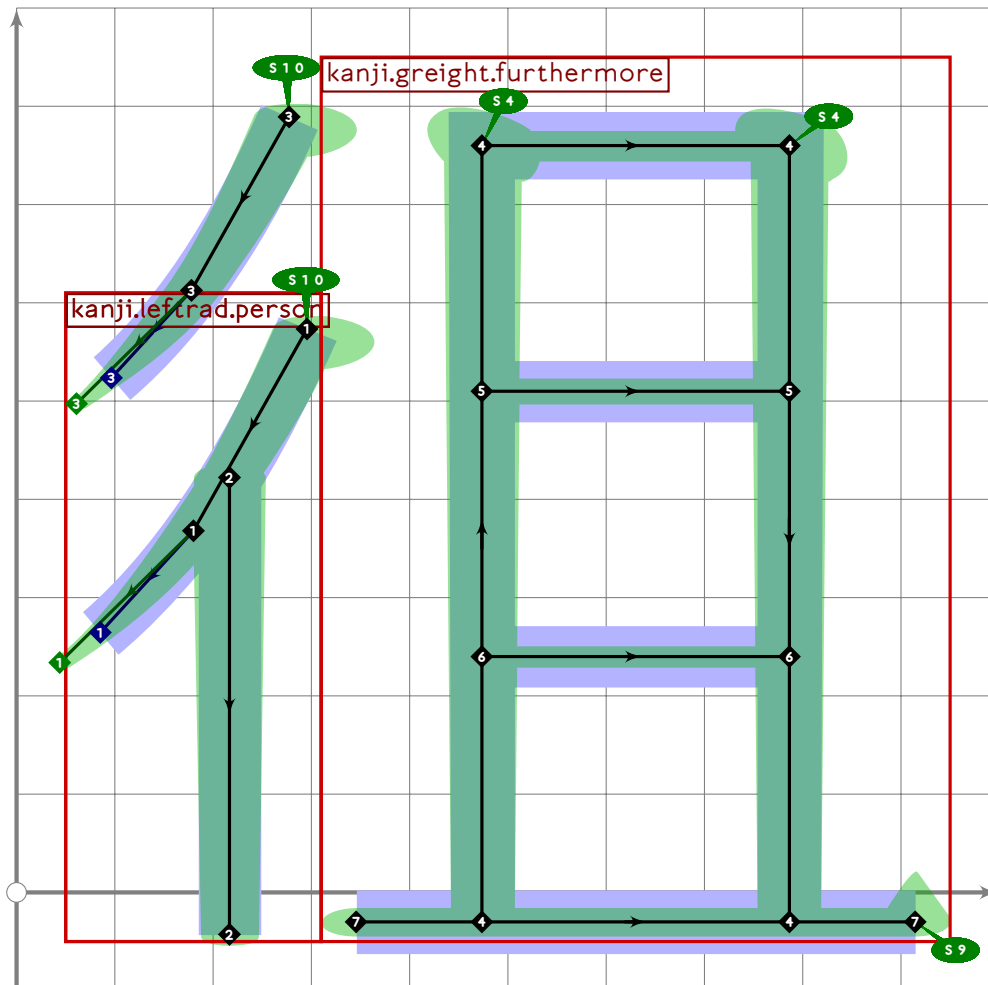
```

438 begintsuglyph("uni5F80";128);
439   kanji.grfive.journey;
440   tsu_render;
441 endtsuglyph;
442
443 % sei "subjugate"
444 begintsuglyph("uni5F81";129);
445   kanji.greight.subjugate;
446   tsu_render;
447 endtsuglyph;
448

```

[see page 2140]

[see page 2148]

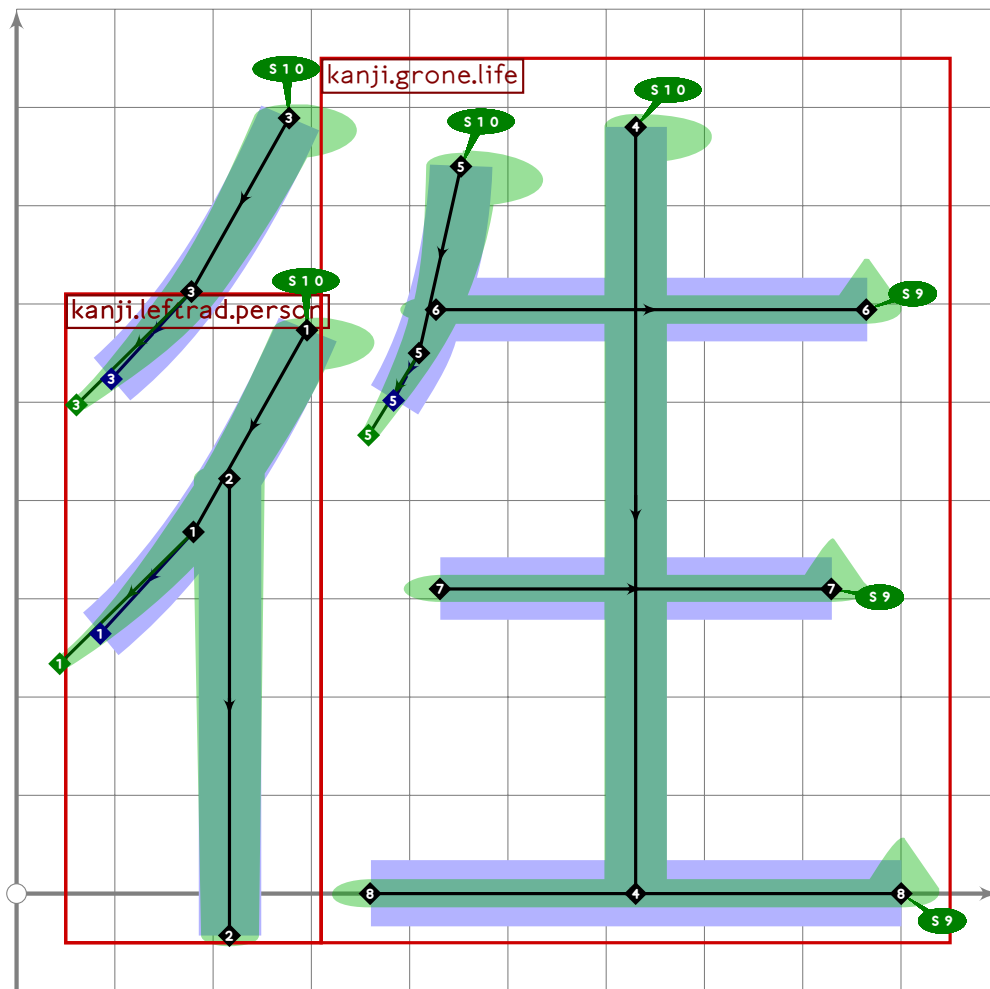


```

449 % extra: ou/i "journey"
450 begintsuglyph("uni5F82";130);
451   build_kanji.level(build_kanji.lr(310,0)
452     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
453     (kanji.greight.furthermore));
454   tsu_render;
455 endtsuglyph;
456

```

U+5F83
tsuku.uni5F83



```

457 % extra: ou/i "journey"
458 begintsuglyph("uni5F83";131);
459   build_kanji.level(build_kanji.lr(310,0)
460     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
461     (kanji.grone.life));
462   tsu_render;
463 endtsuglyph;

```

```

464
465 % kei/machi "diameter"
466 begintsuglyph("uni5F84";132);
467   kanji.grfour.diameter;
468   tsu_render;
469 endtsuglyph;

```

[see page 2136]

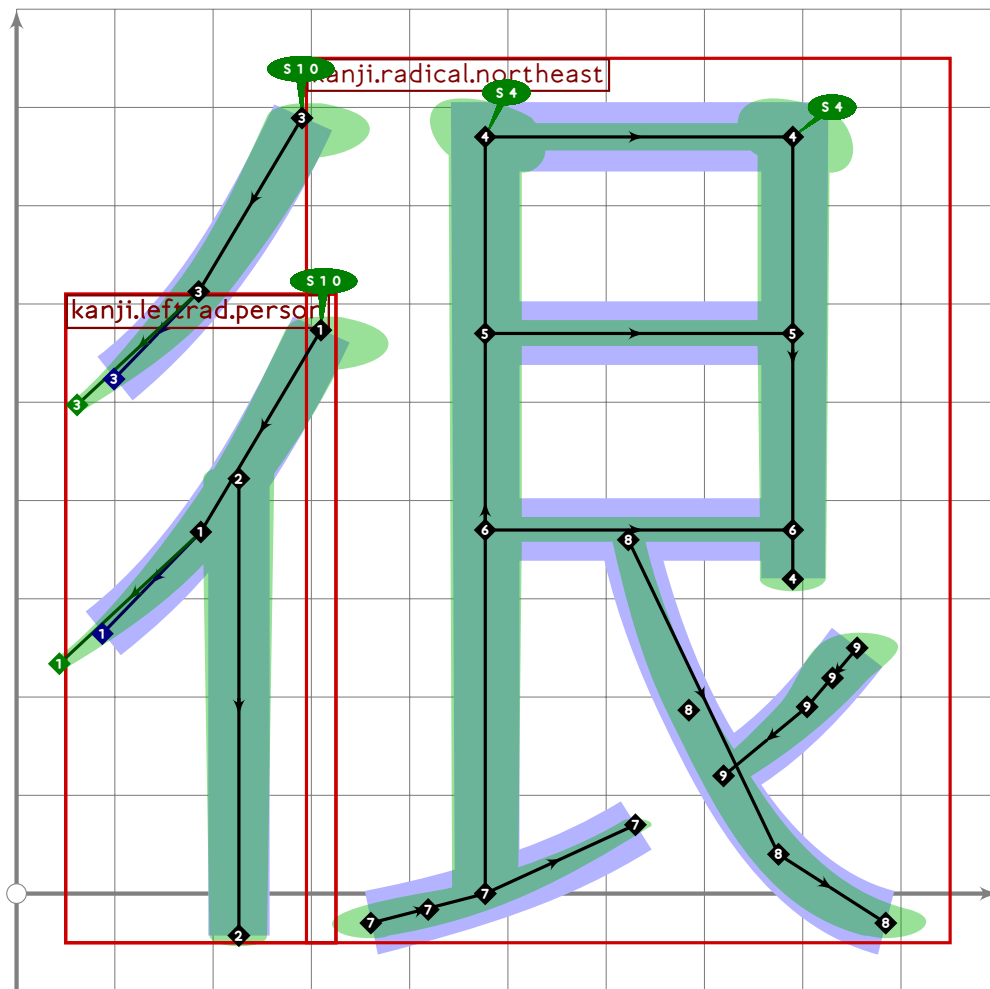
5F

```

470
471 % tai/matsu "wait"
472 begintsuglyph("uni5F85";133);
473   kanji.grthree.wait;
474   tsu_render;
475 endtsuglyph;
476

```

[see page 2134]

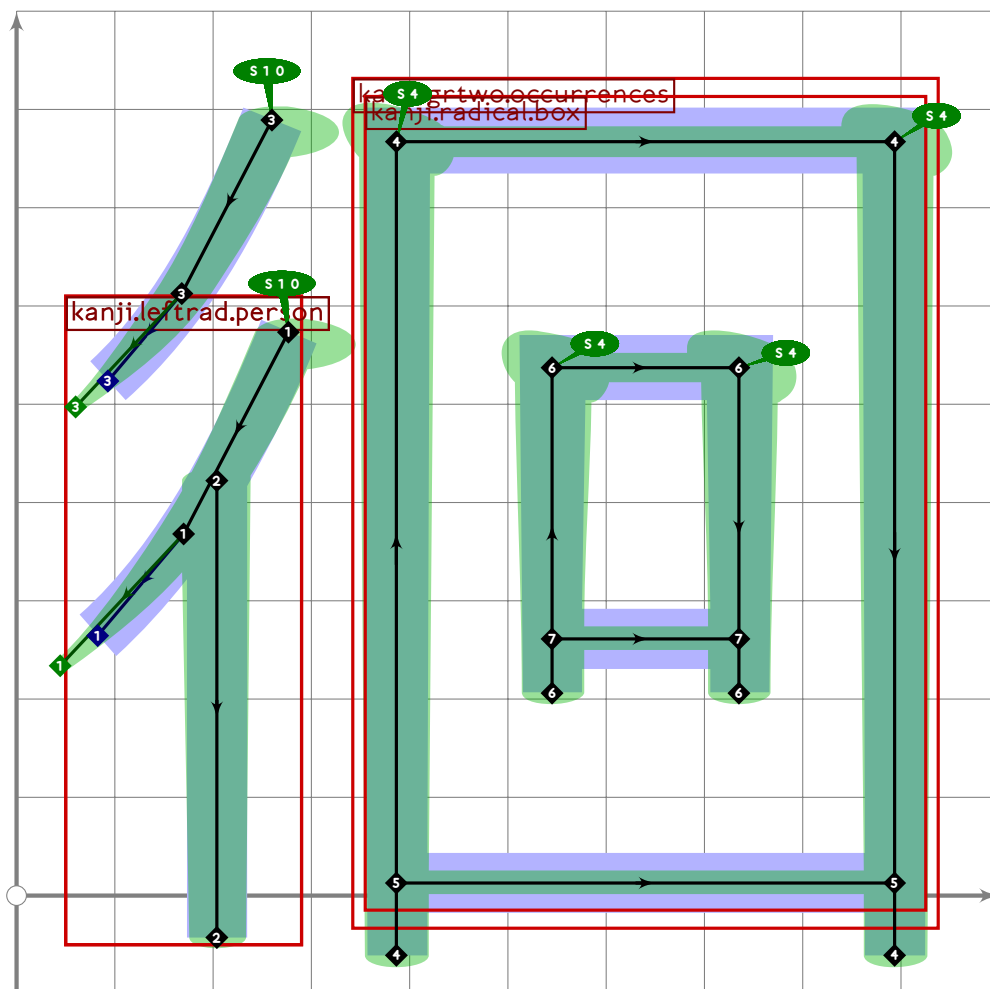


```

477 % extra: kon/mopto "disobey"
478 begintsuglyph("uni5F88",136);
479   build_kanji.level(build_kanji.lr(310,30)
480     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
481     (kanji.radical.northeast));
482   tsu_render;
483 endtsuglyph;
484

```

U+5F8A
tsuku.uni5F8A



```

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

```

```

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

```

[see page 2144]

5F

```

498
499 % go/shiri "behind"
500 begintsuglyph("uni5F8C",140);
501   kanji.grtwo.behind;
502   tsu_render;
503 endtsuglyph;
504
505 % to/itazura "pedestrian"

```

[see page 2129]

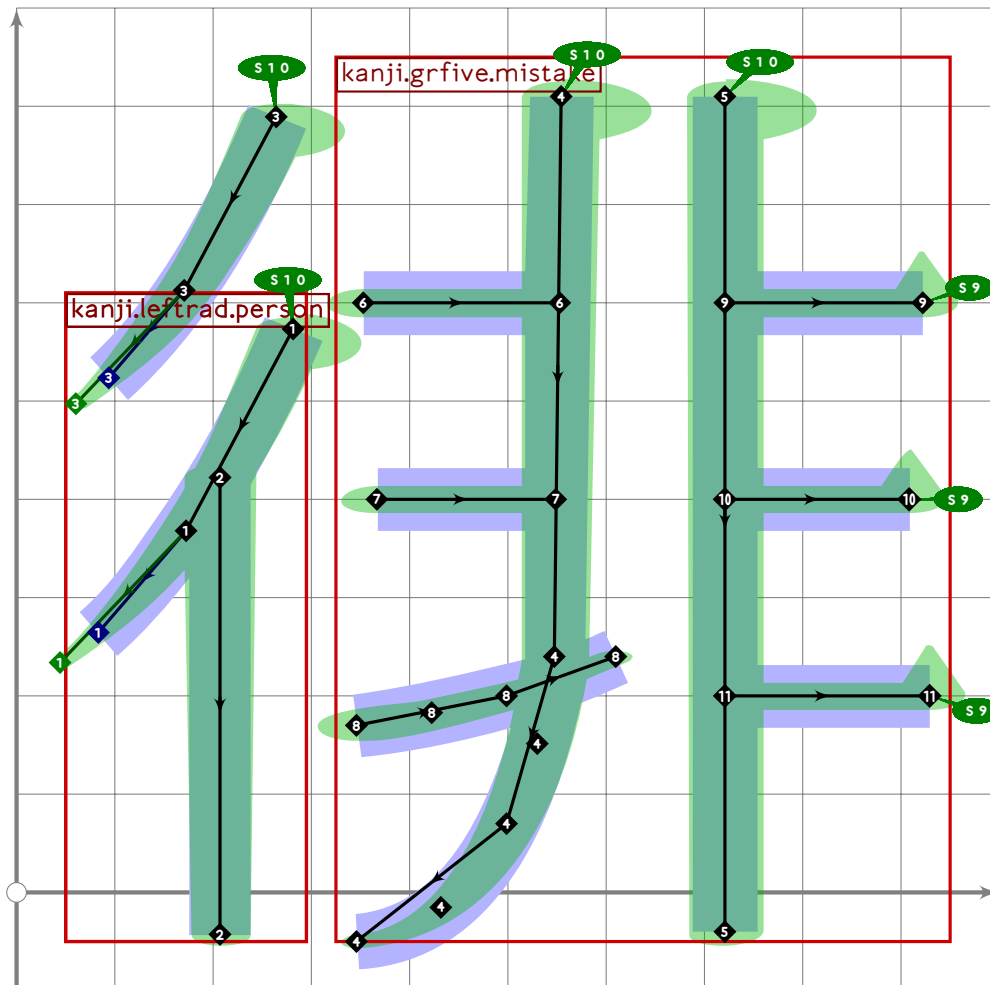
```

506 begintsuglyph("uni5F92";146);
507   kanji.grfour.pedestrian;
508   tsu_render;
509 endsuglyph;
510
511 % taku/e "profit"
512 begintsuglyph("uni5F97";151);
513   kanji.grfour.profit;
514   tsu_render;
515 endsuglyph;
516

```

[see page 2137]

[see page 2138]

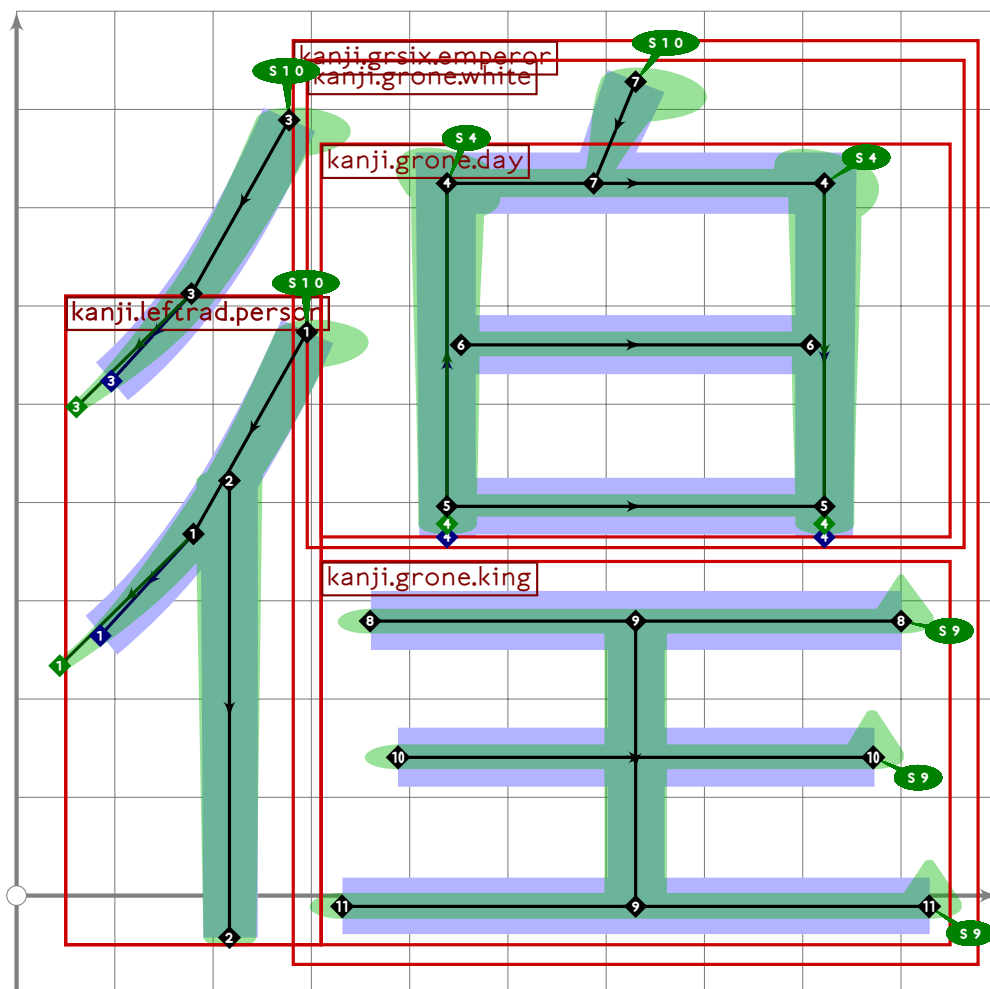


```

517 % extra "wander"
518 begintsuglyph("uni5F98";152);
519   build_kanji.level(build_kanji.lr(310,-30)
520     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
521     (kanji.grfive.mistake));
522   tsu_render;
523 endsuglyph;
524

```

U+5FA8
tsuku.uni5FA8

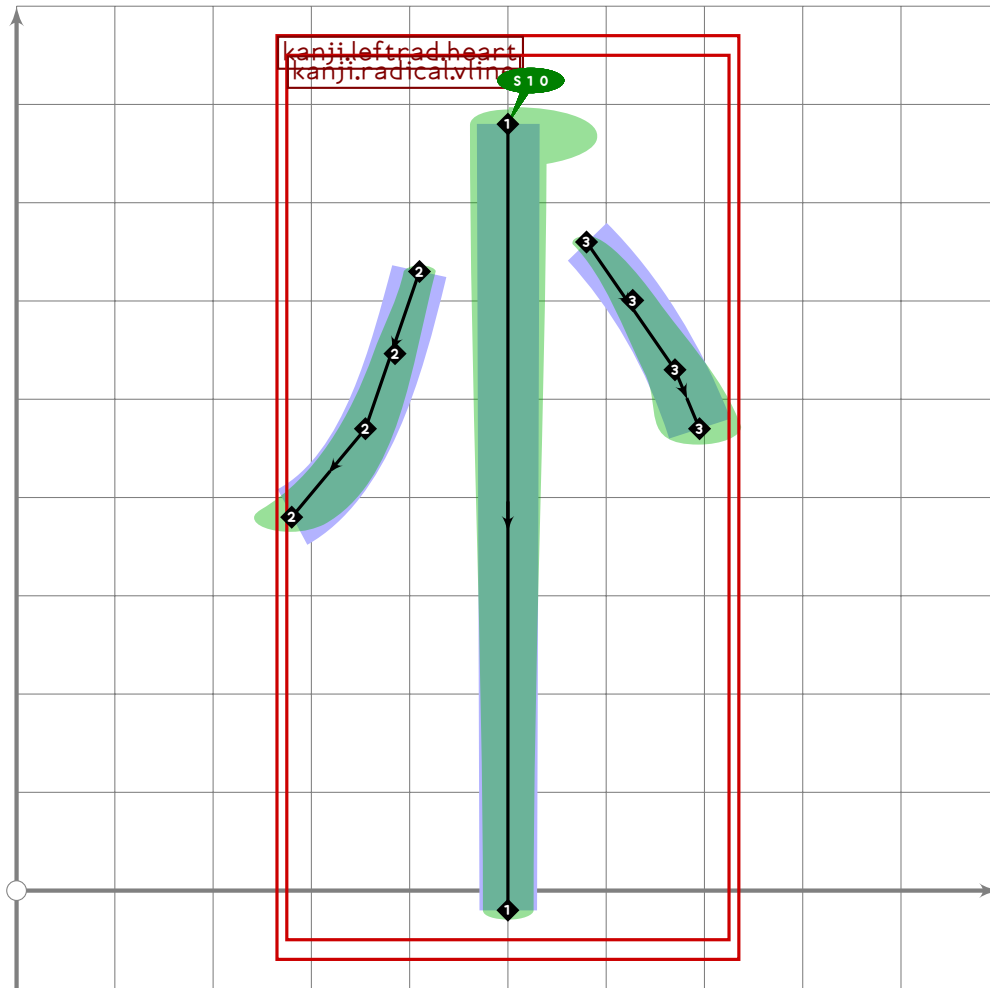


```

525 % extra: kou/samayo "wandering"
526 begintsuglyph("uni5FA8",168);
527   build_kanji.level(build_kanji.lr(310,0)
528     (build_kanji.harmonic(240,0.86,0)(kanji.leftrad.person))
529     (kanji.grsix.emperor));
530   tsu_render;
531 endtsuglyph;
532
533 % shin/kokoro "heart"
534 begintsuglyph("uni5FC3",195);
535   kanji.grtwo.heart;
536   tsu_render;
537 endtsuglyph;
538

```

[see page 510]



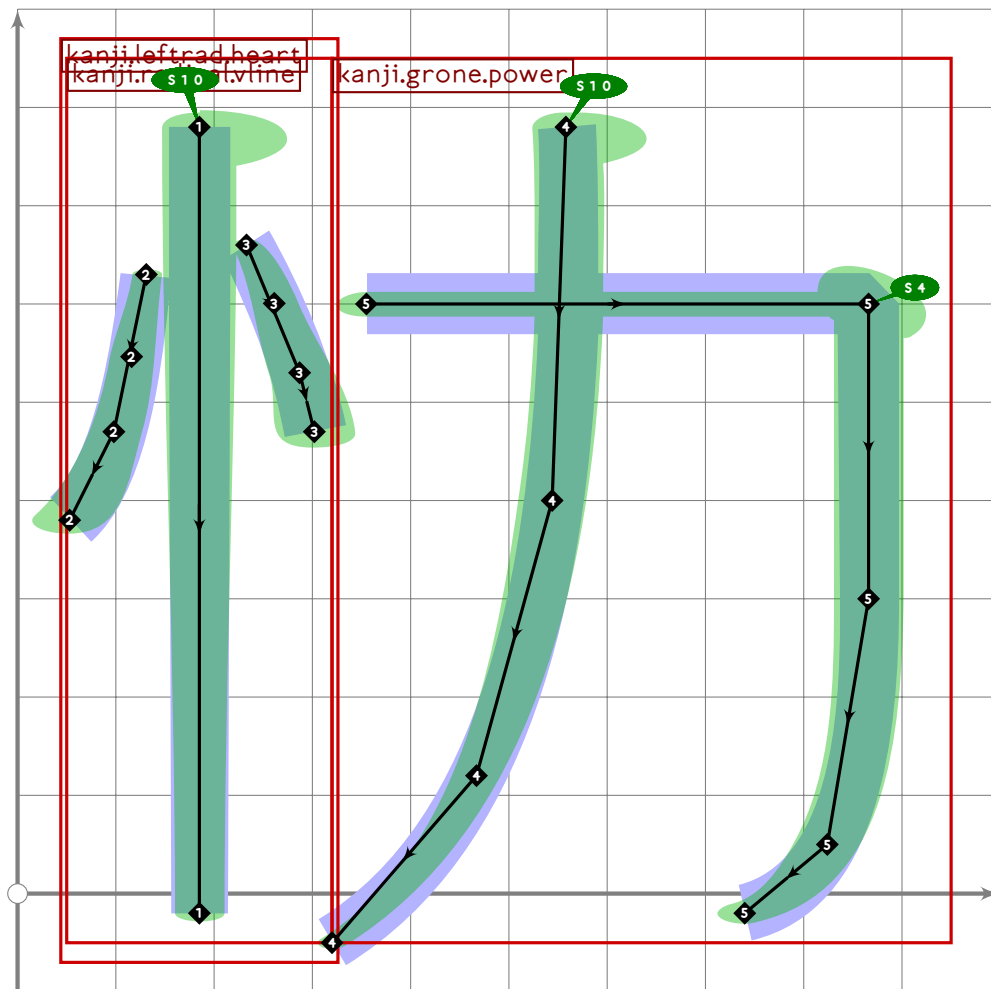
```

539 % left radical version
540 begintsuglyph("uni5FC4";196);
541   build_kanji.sscale(xscaled 0.5)(kanji.leftrad.heart);
542   tsu_render;
543 endtsuglyph;
544
545 % hitsu/nagara "inevitable"
546 begintsuglyph("uni5FC5";197);
547   kanji.grfour.inevitable;
548   tsu_render;
549 endtsuglyph;
550

```

[see page 625]

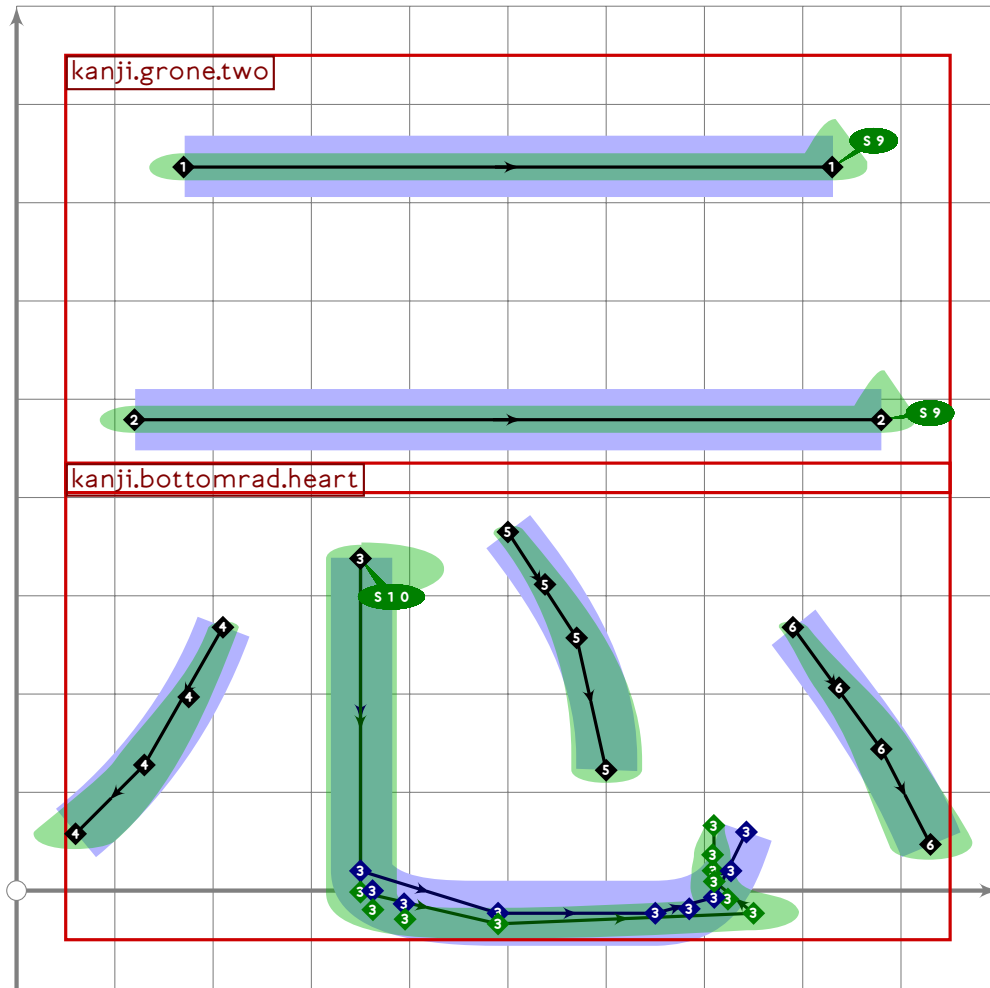
U+5FC7
tsuku.uni5FC7



```

551 % extra "great achievement"
552 begintsuglyph("uni5FC7";199);
553   build_kanji.level(build_kanji.lr(320,0)
554     (kanji.leftrad.heart)
555     (kanji.grone.power));
556   tsu_render;
557 endtsuglyph;
558

```

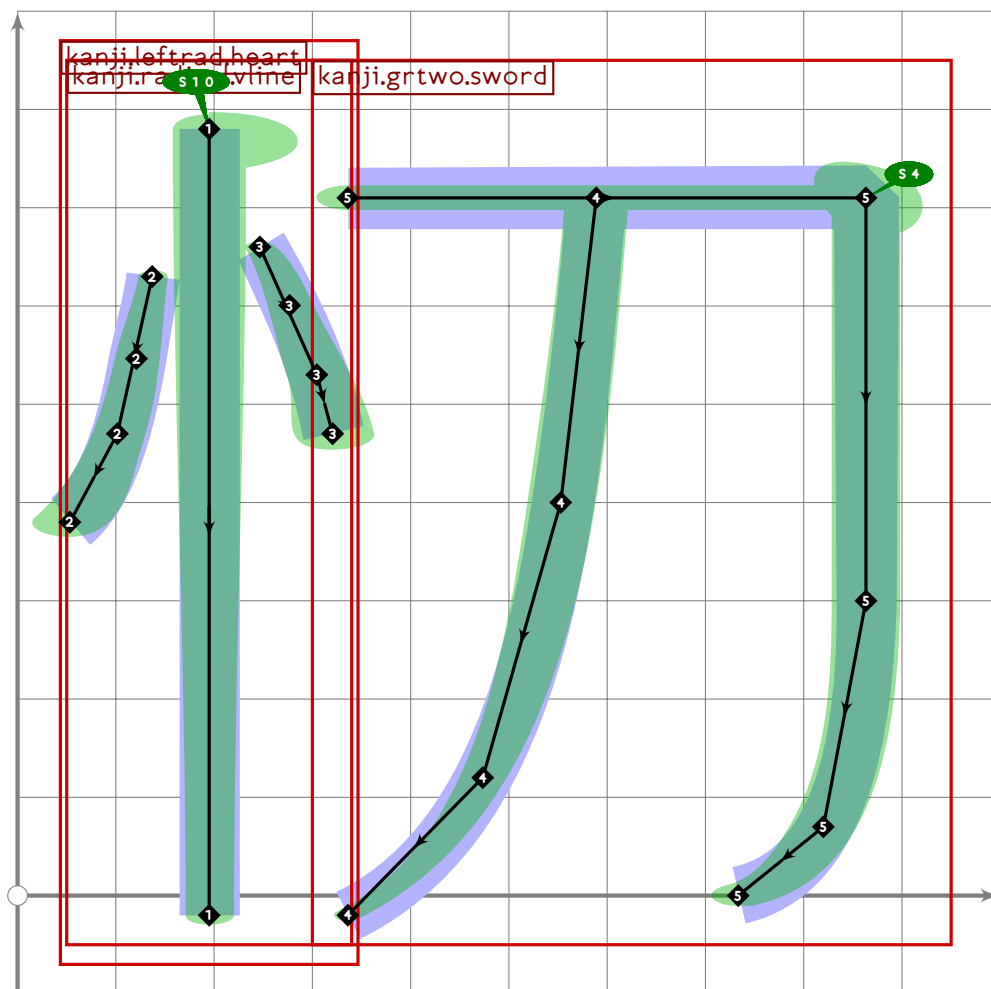


```

559 % extra
560 begintuglyph("uni5FC8";200);
561   build_kanji.level(build_kanji.tb(420,30)
562     (kanji.grone.two)
563     (kanji.bottomrad.heart));
564   tsu_render;
565 endtuglyph;
566

```

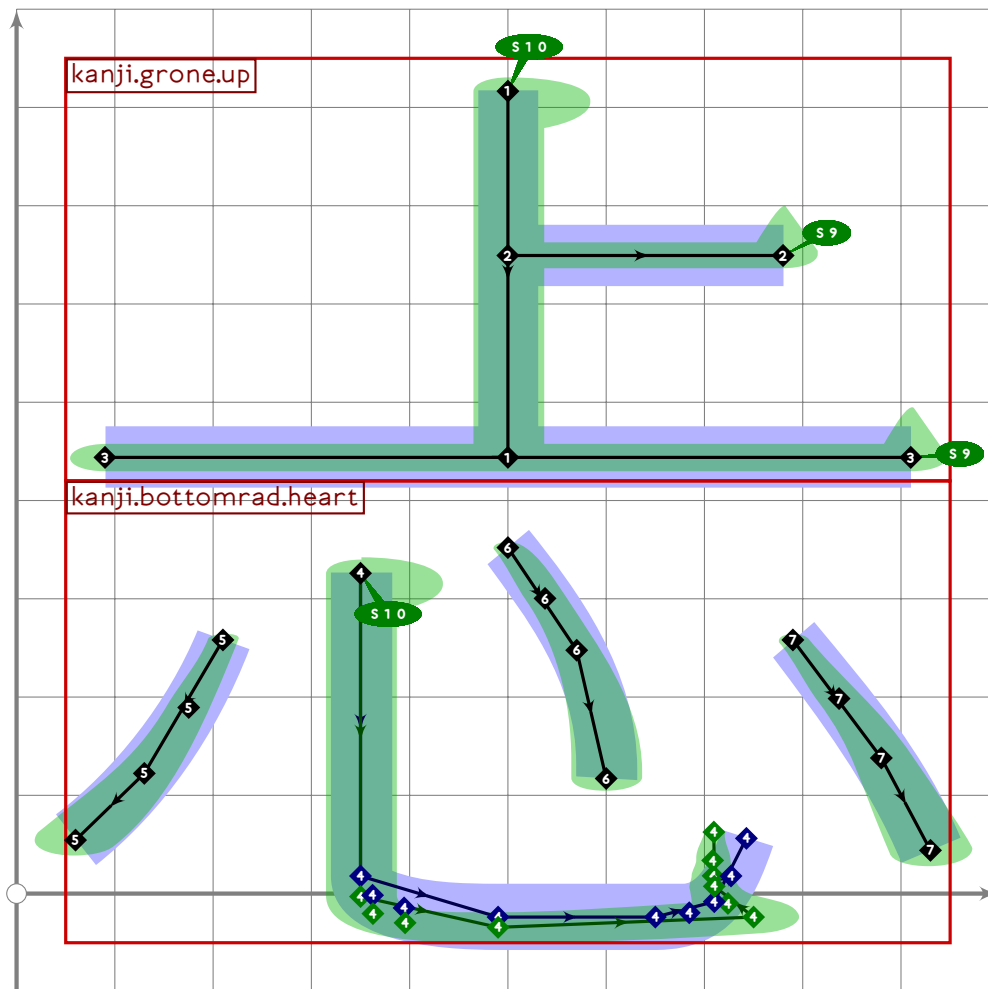
U+5FC9
tsuku.uni5FC9



```

567 % extra
568 begintsuglyph("uni5FC9";201);
569   build_kanji.level(build_kanji.lr(320,40)
570     (kanji.leftrad.heart)
571     (kanji.grtwo.sword));
572   tsu_render;
573 endtsuglyph;
574

```

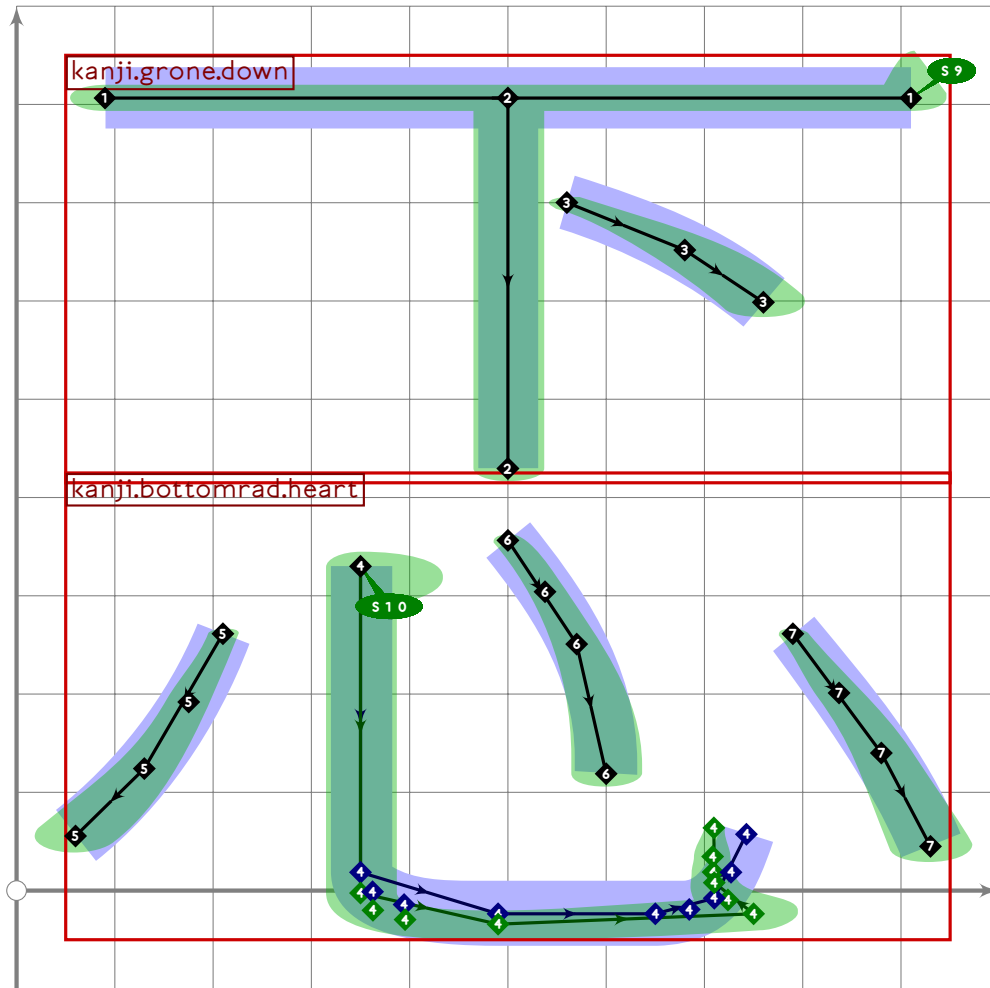



```

575 % extra
576 begintsuglyph("uni5FD0",208);
577   build_kanji.level(build_kanji.tb(420,0)
578     (kanji.grone.up)
579     (kanji.bottomrad.heart));
580   tsu_render;
581 endtsuglyph;
582

```

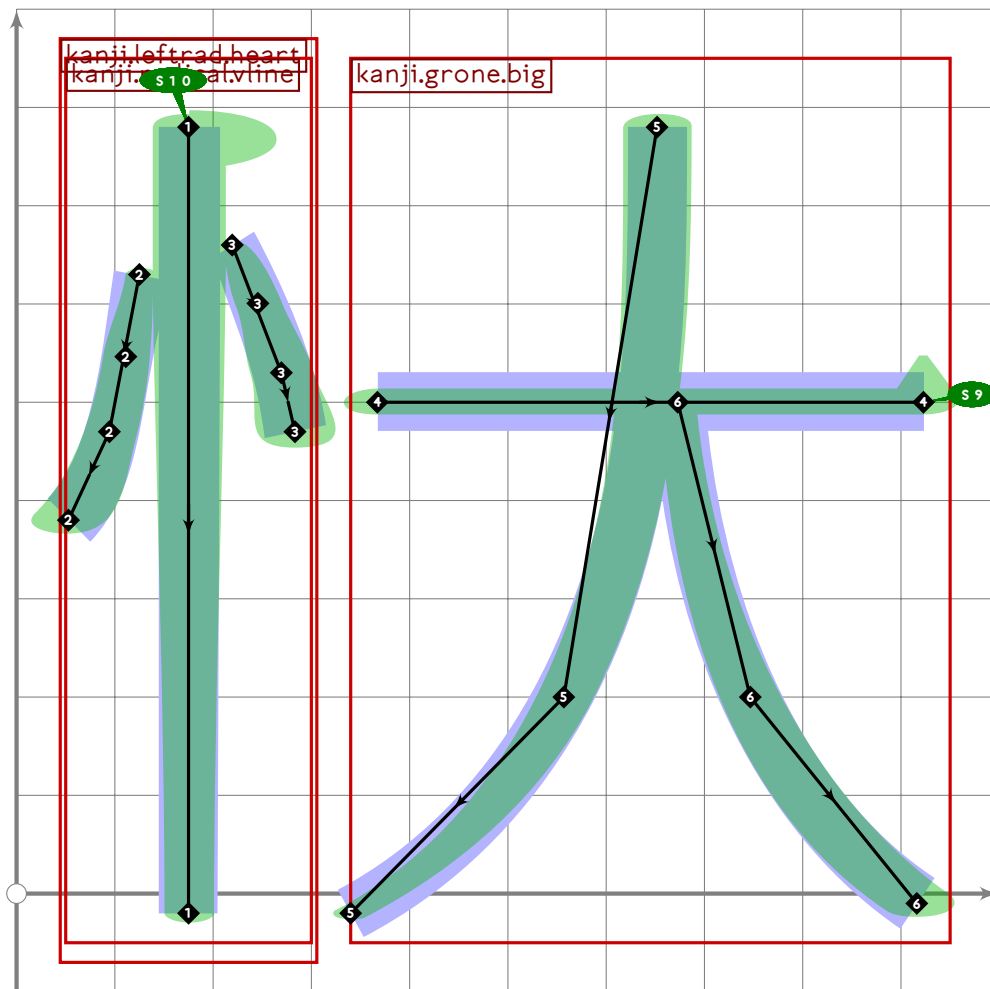
U+5FD1
tsuku.uni5FD1



```

583 % extra
584 begintsuglyph("uni5FD1",209);
585   build_kanji.level(build_kanji.tb(420,10)
586     (kanji.grone.down)
587     (kanji.bottomrad.heart));
588   tsu_render;
589 endtsuglyph;
590

```

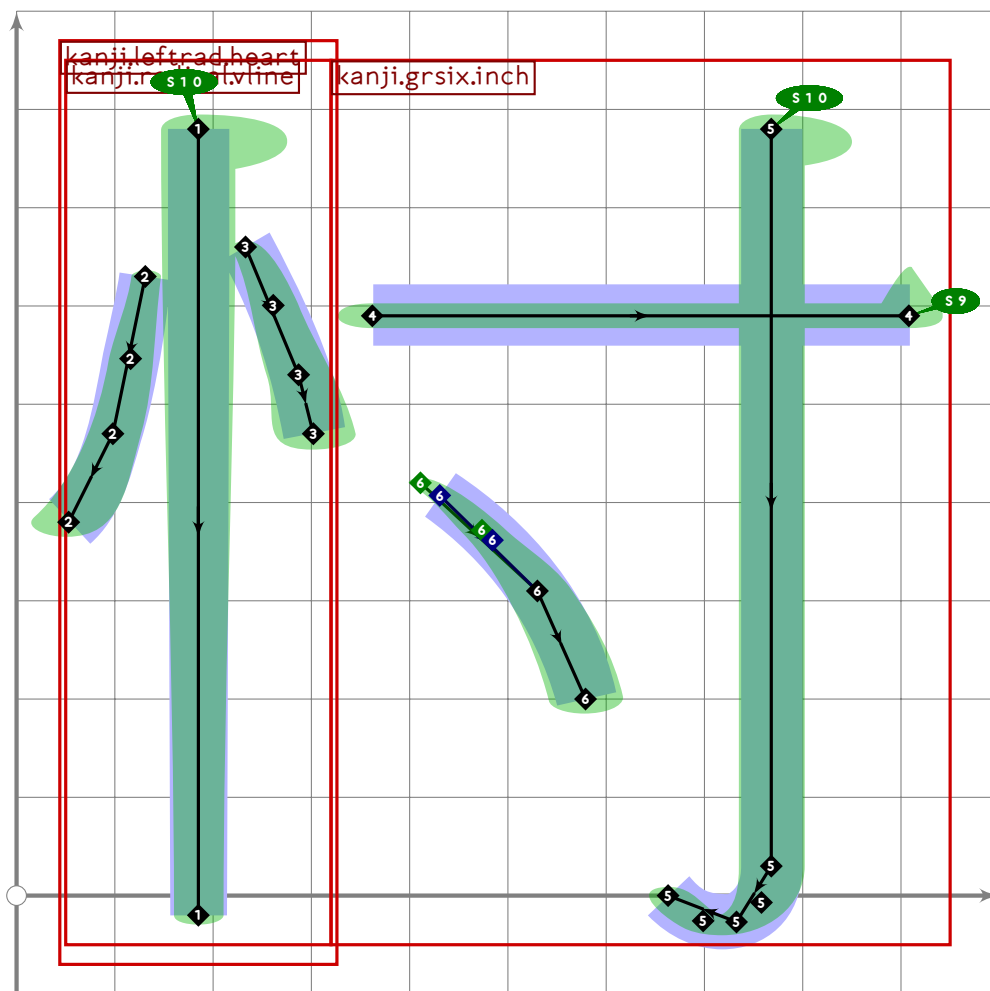


```

591 % extra
592 begintsuglyph("uni5FD5";213);
593   build_kanji.level(build_kanji.lr(320;-40)
594     (kanji.leftrad.heart)
595     (kanji.grone.big));
596   tsu_render;
597 endtsuglyph;
598

```

U+5FD6
tsuku.uni5FD6



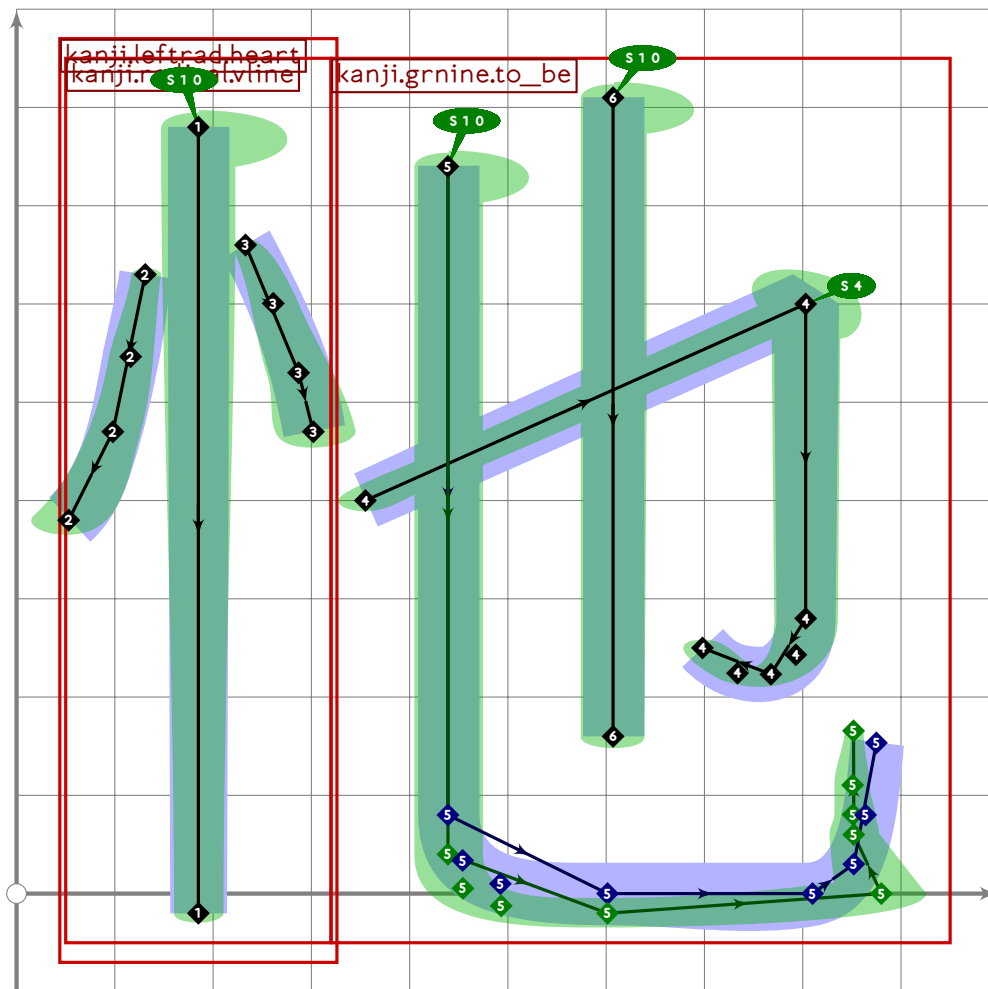
```

599 % extra
600 begintsuglyph("uni5FD6";214);
601   build_kanji.level(build_kanji.lr(320,0)
602     (kanji.leftrad.heart
603     (kanji.grsix.inch)));
604   tsu_render;
605 endtsuglyph;
606
607 % shi/kokoroza "intention"
608 begintsuglyph("uni5FD7";215);
609   kanji.grfive.intention;
610   tsu_render;
611 endtsuglyph;
612
613 % bou/wasu "forget"
614 begintsuglyph("uni5FD8";216);
615   kanji.grsix.forget;
616   tsu_render;
617 endtsuglyph;
618

```

[see page 643]

[see page 2142]



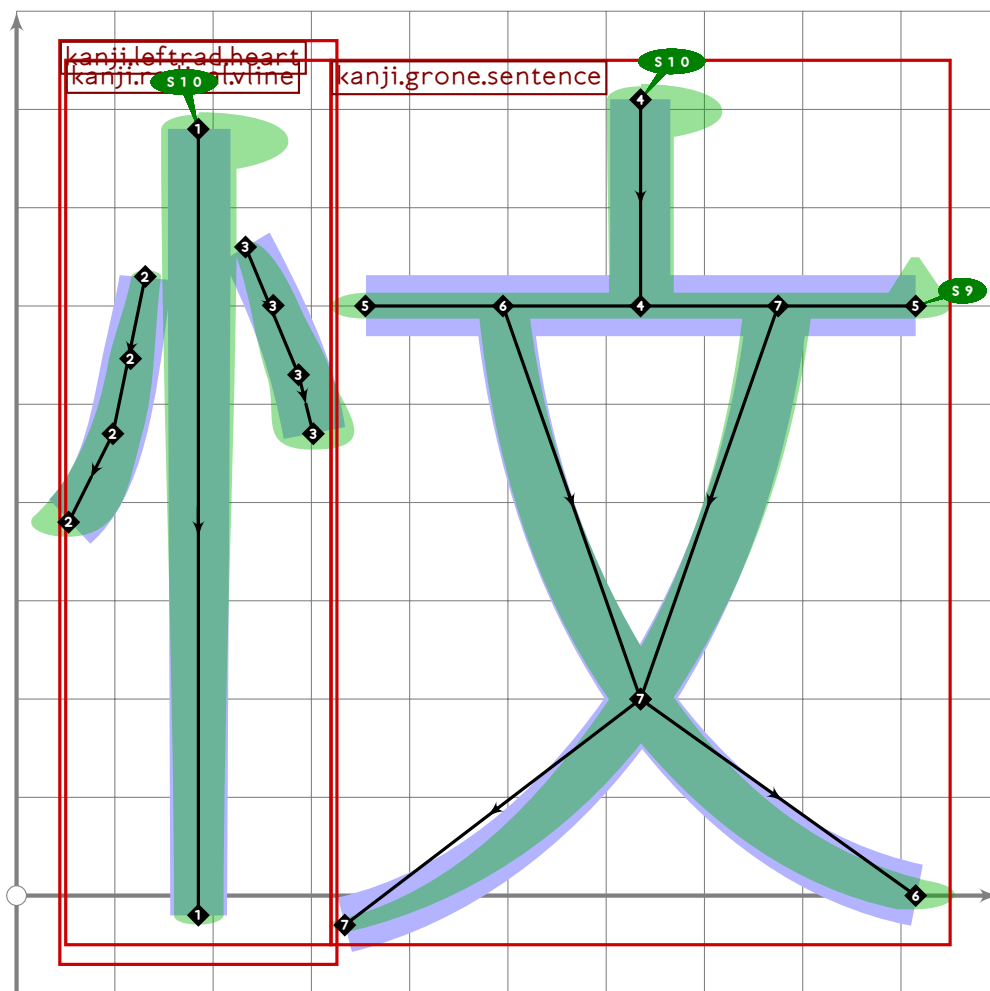
```

619 % extra
620 begintsuglyph("uni5FDA";218);
621   build_kanji.level(build_kanji.lr(320,0)
622     (kanji.leftrad.heart)
623     (kanji.grnine.to_be));
624   tsu_render;
625 endtsuglyph;
626
627 % ou/ata "affirm"
628 begintsuglyph("uni5FDC";220);
629   kanji.grfive.affirm;
630   tsu_render;
631 endtsuglyph;
632

```

[see page 2139]

U+5FDF
tsuku.uni5FDF

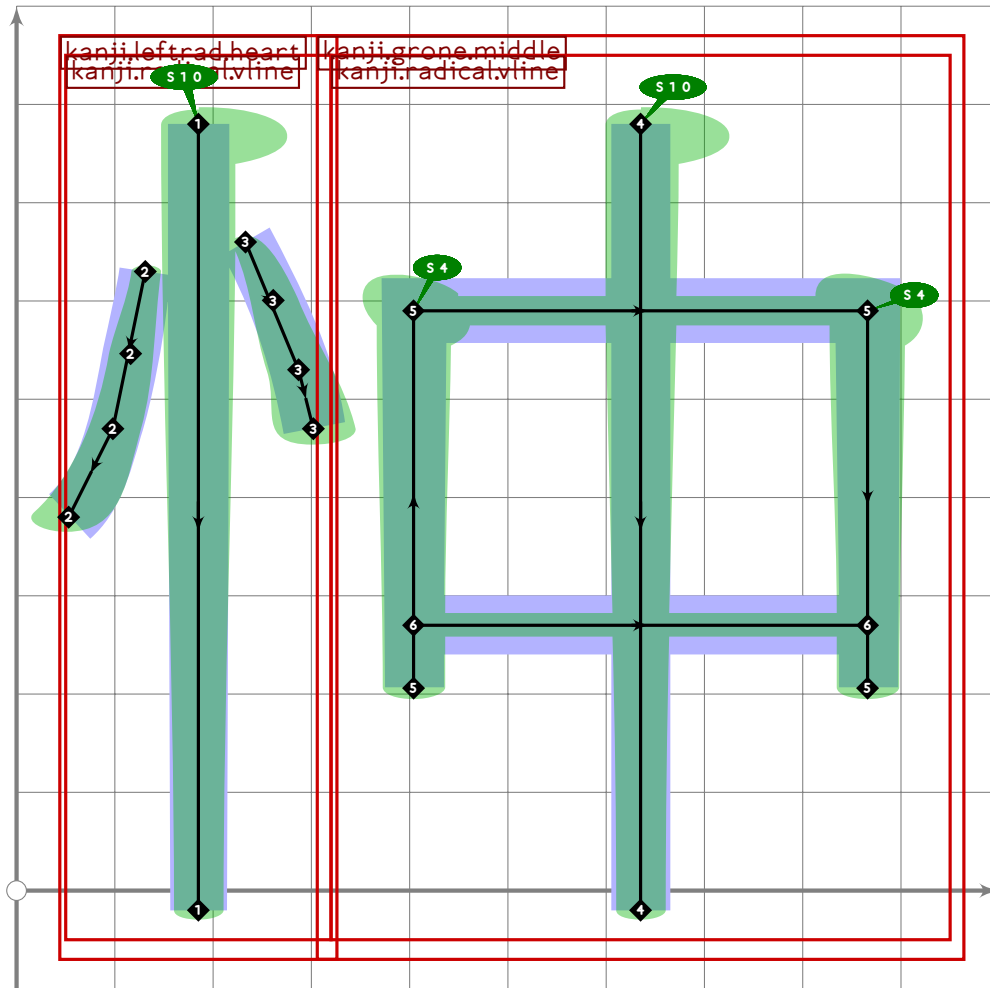


```

633 % extra
634 begintsuglyph("uni5FDF";223);
635   build_kanji.level(build_kanji.lr(320,0)
636     (kanji.leftrad.heart)
637     (kanji.grone.sentence));
638   tsu_render;
639 endtsuglyph;
640
641 % chuu/kiyoshi "loyalty"
642 begintsuglyph("uni5FE0";224);
643   kanji.grsix.loyalty;
644   tsu_render;
645 endtsuglyph;
646

```

[see page 2143]

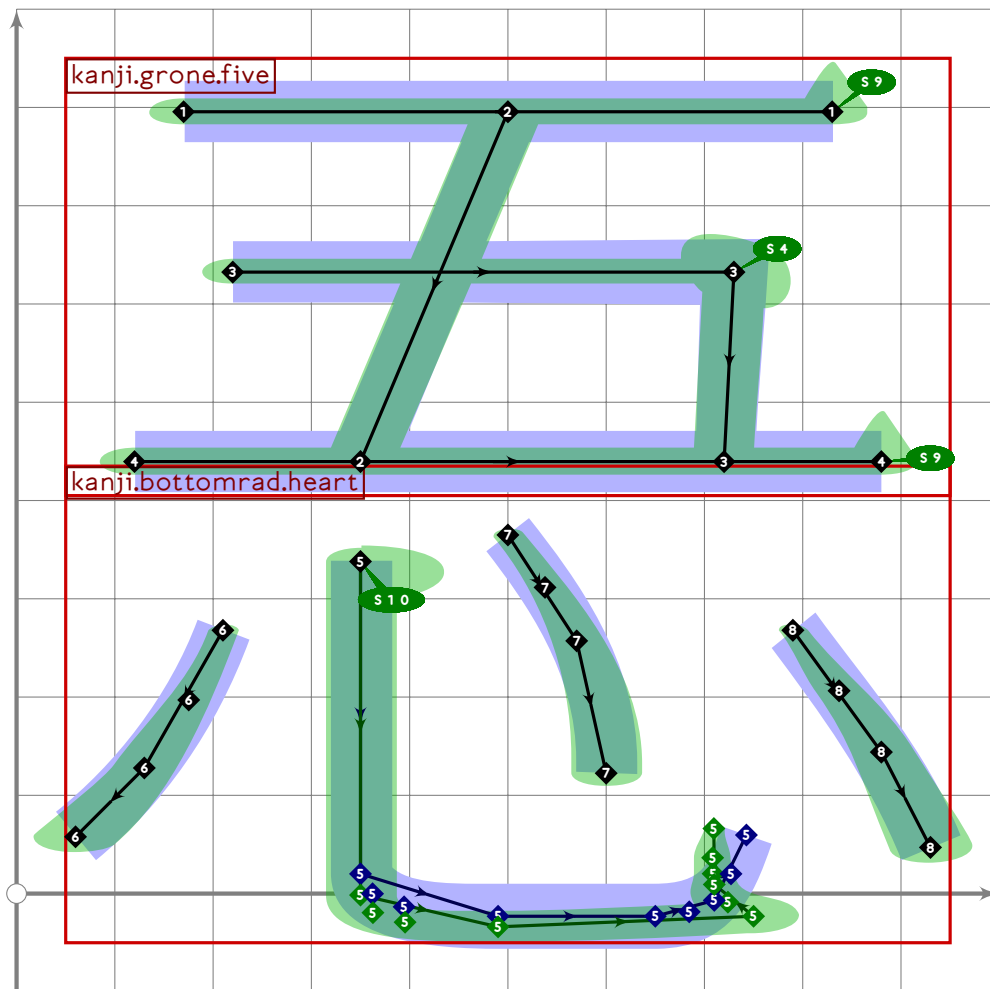


```

647 % extra
648 begintsuglyph("uni5FE1",225);
649   build_kanji.level(build_kanji.lr(320,0)
650     (kanji.leftrad.heart)
651     (kanji.grone.middle));
652   tsu_render;
653 endtsuglyph;
654

```

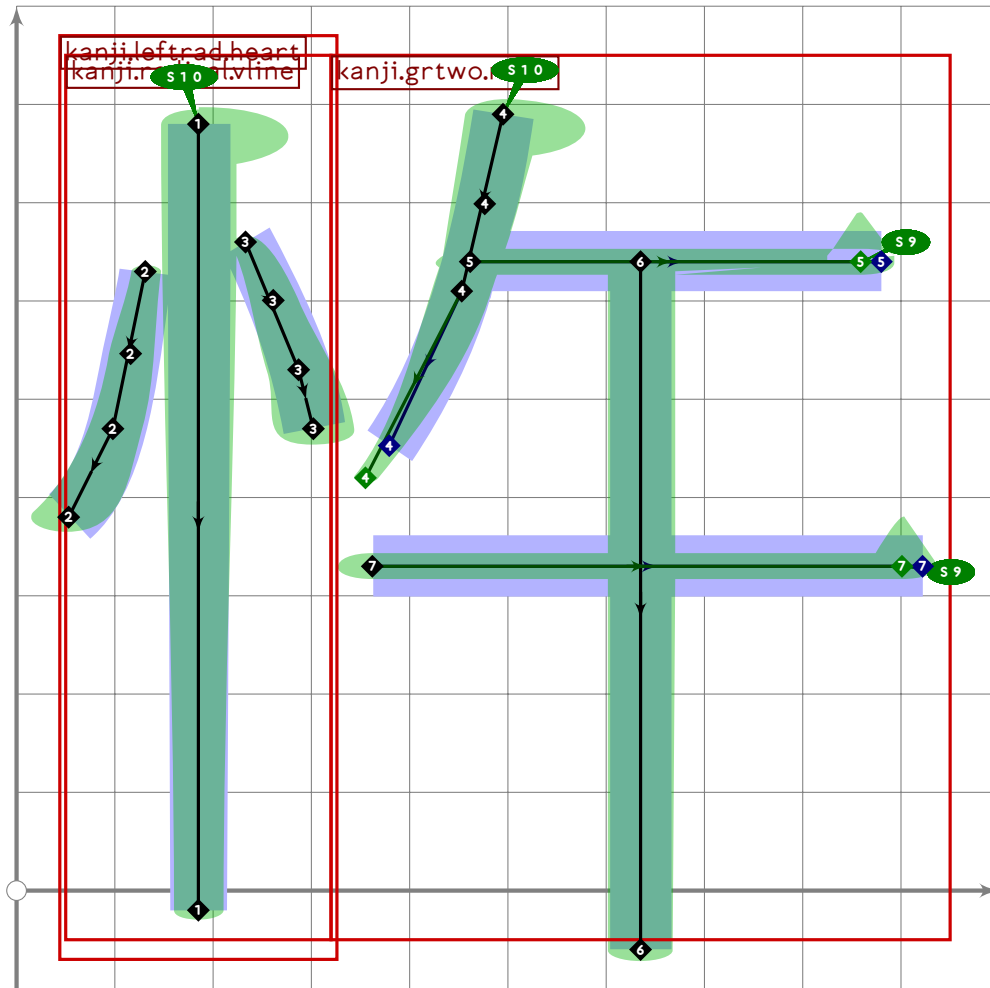
U+5FE2
tsuku.uni5FE2



```

655 % extra
656 begintsuglyph("uni5FE2";226);
657   build_kanji.level(build_kanji.tb(420,30)
658     (kanji.grone.five)
659     (kanji.bottomrad.heart));
660   tsu_render;
661 endtsuglyph;
662

```

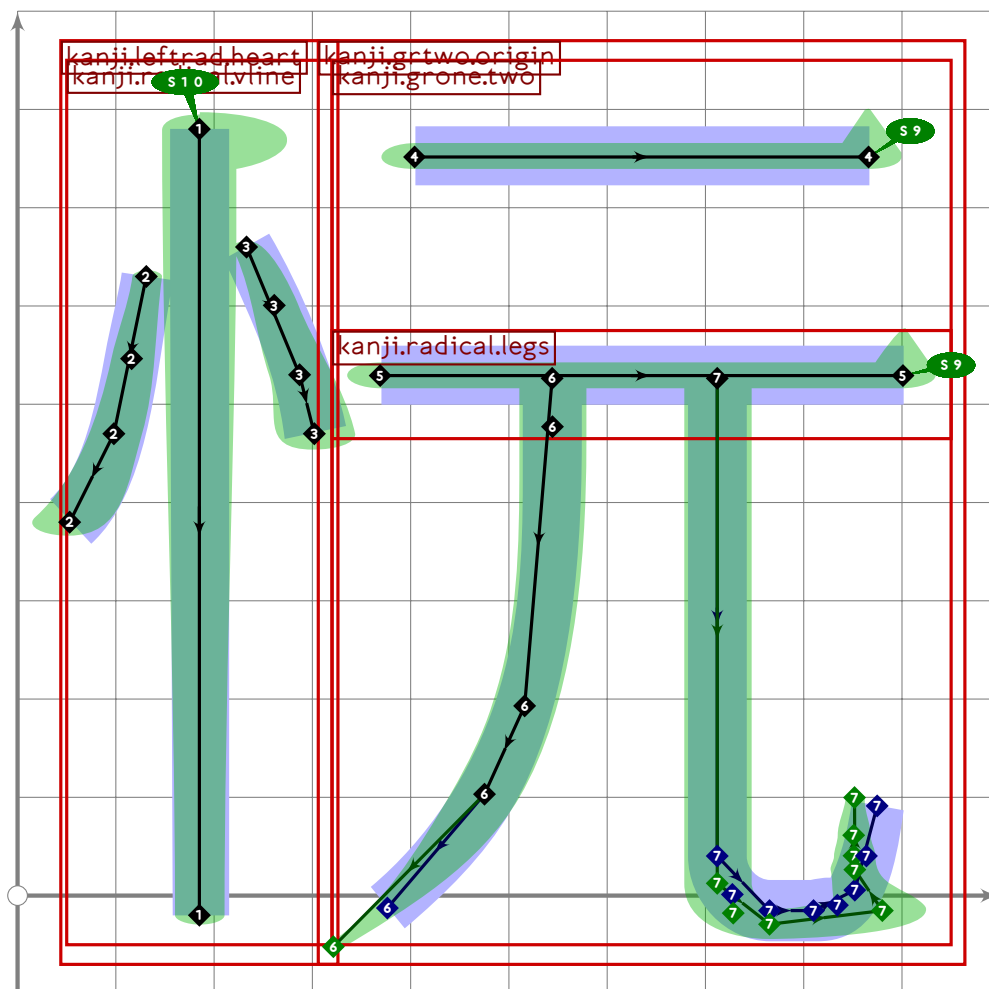



```

663 % extra
664 begintsuglyph("uni5FE4",228);
665   build_kanji.level(build_kanji.lr(320,0)
666     (kanji.leftrad.heart)
667     (kanji.grtwo.noon));
668   tsu_render;
669 endtsuglyph;
670

```

U+5FE8
tsuku.uni5FE8

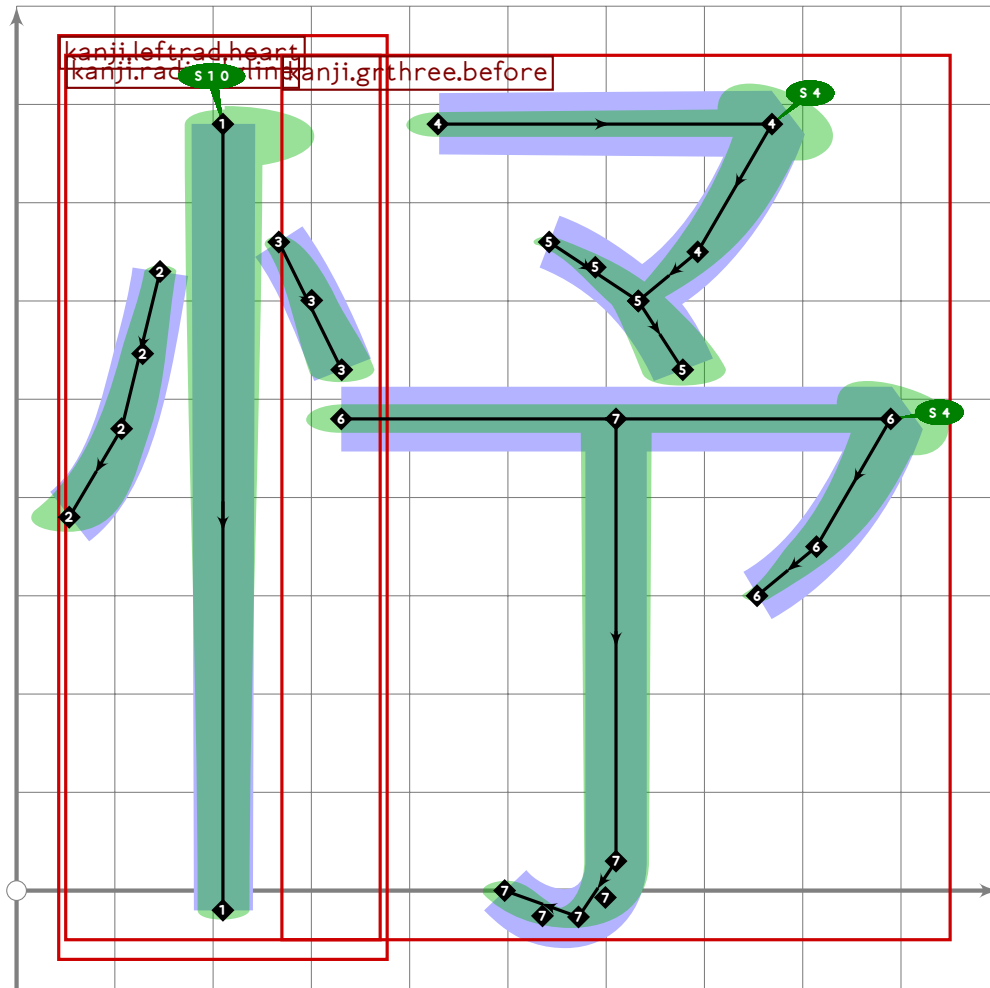


```

671 % extra
672 begintsuglyph("uni5FE8";232);
673   build_kanji.level(build_kanji.lr(320,0)
674     (kanji.leftrad.heart)
675     (kanji.grtwo.origin));
676   tsu_render;
677 endtsuglyph;
678
679 % kai/kokoroyo "pleasure"
680 begintsuglyph("uni5FEB";235);
681   kanji.grfive.pleasure;
682   tsu_render;
683 endtsuglyph;
684

```

[see page 2141]

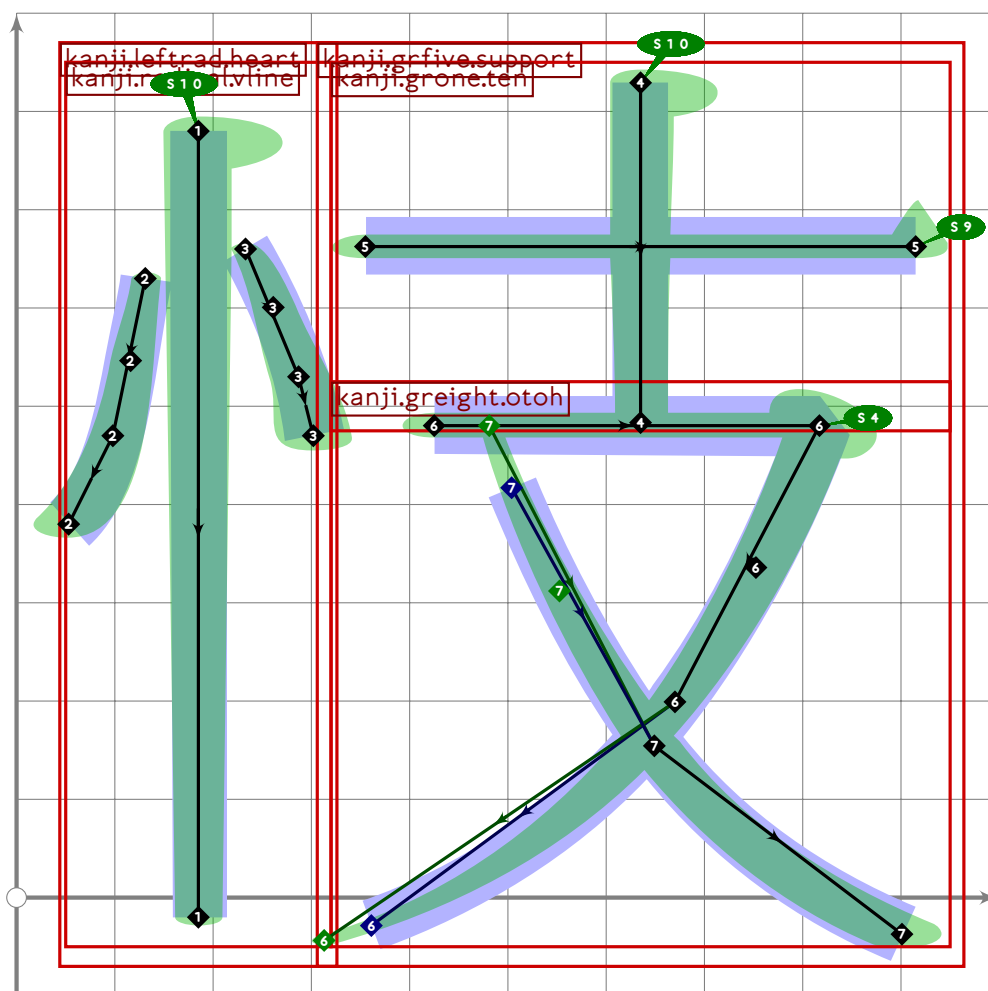


```

685 % extra
686 begintsuglyph("uni5FEC";236);
687   build_kanji.level(build_kanji.lr(320,100)
688     (kanji.leftrad.heart;
689     replace_strokep(0)(subpath (0,1) of oldp);
690     replace_strokeq(0)(subpath (0,1) of oldq))
691     (kanji.grthree.before));
692   tsu_render;
693 endtsuglyph;
694

```

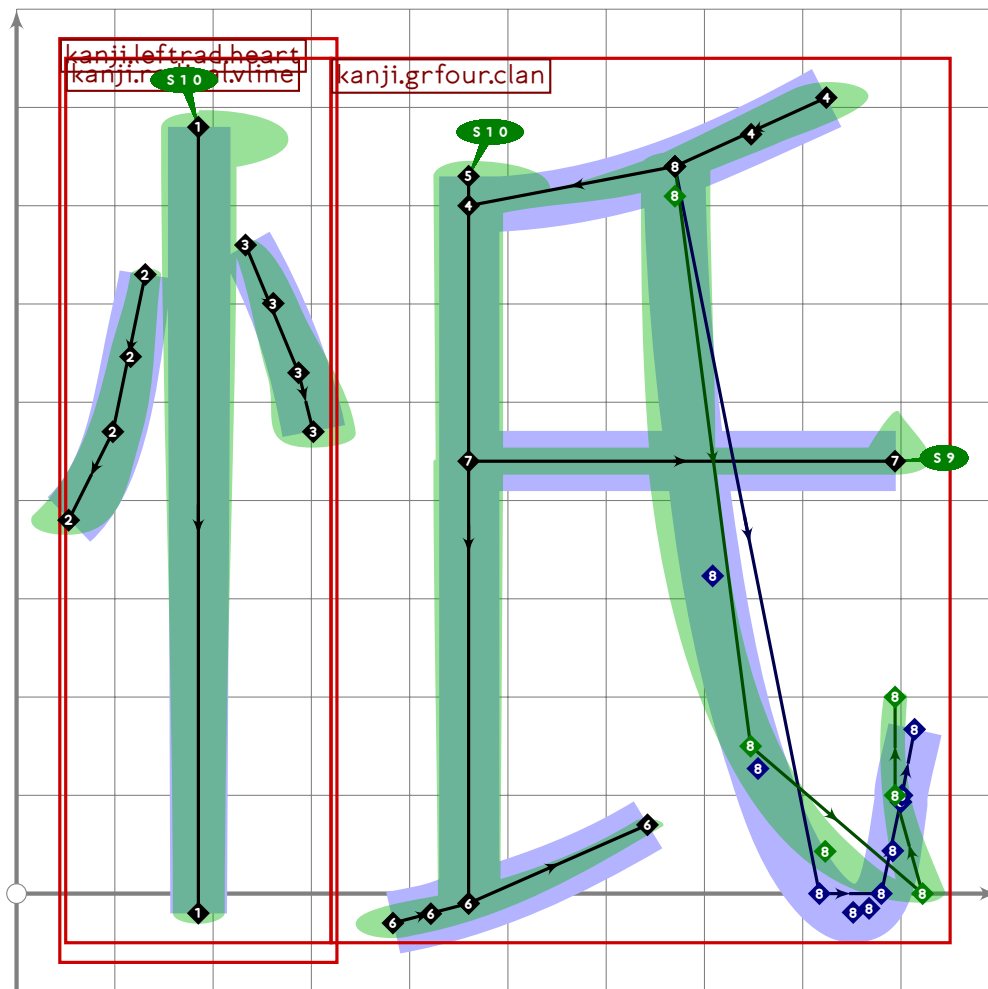
U+5FEE
tsuku.uni5FEE



```

695 % extra
696 begintsuglyph("uni5FEE";238);
697   build_kanji.level(build_kanji.lr(320,0)
698     (kanji.leftrad.heart)
699     (kanji.grfive.support));
700   tsu_render;
701 endtsuglyph;
702

```

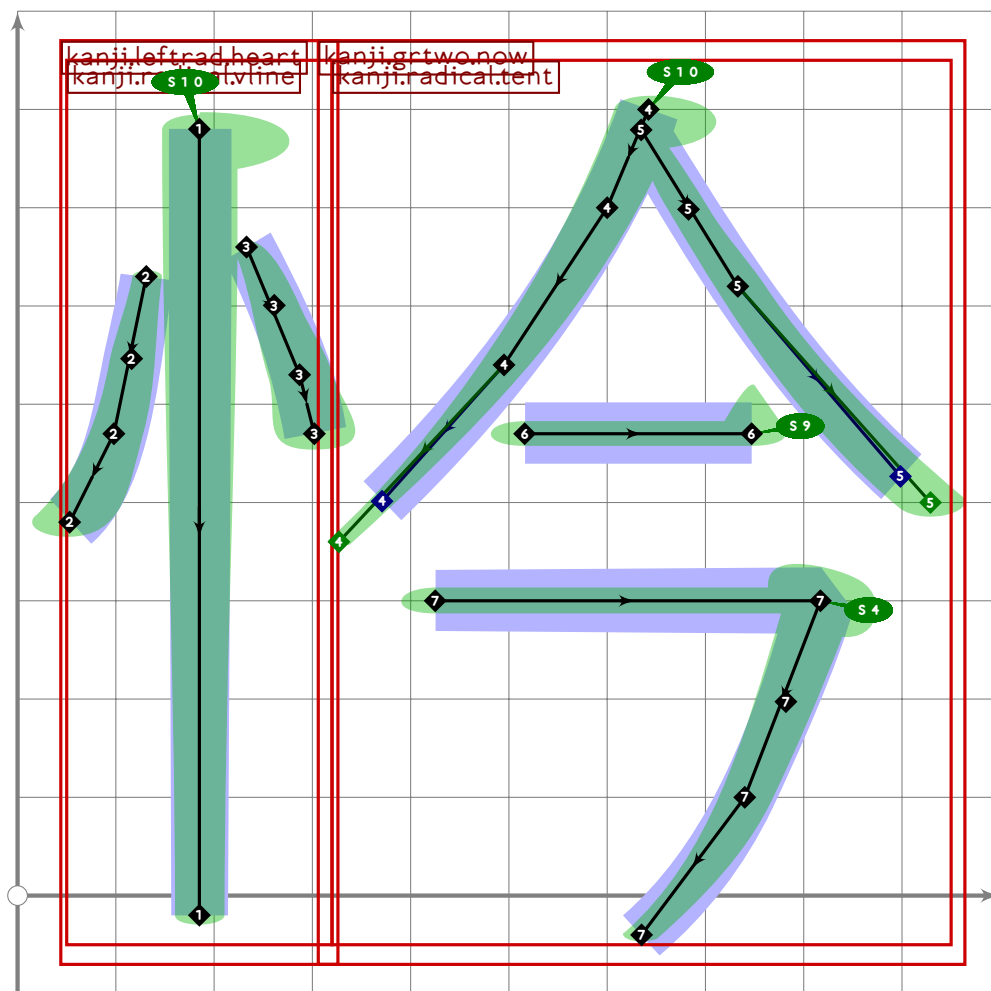


```

703 % extra
704 begintsuglyph("uni5FEF";239);
705   build_kanji.level(build_kanji.lr(320,0)
706     (kanji.leftrad.heart)
707     (kanji.grfour.clan));
708   tsu_render;
709 endtsuglyph;
710

```

U+5FF4
tsuku.uni5FF4

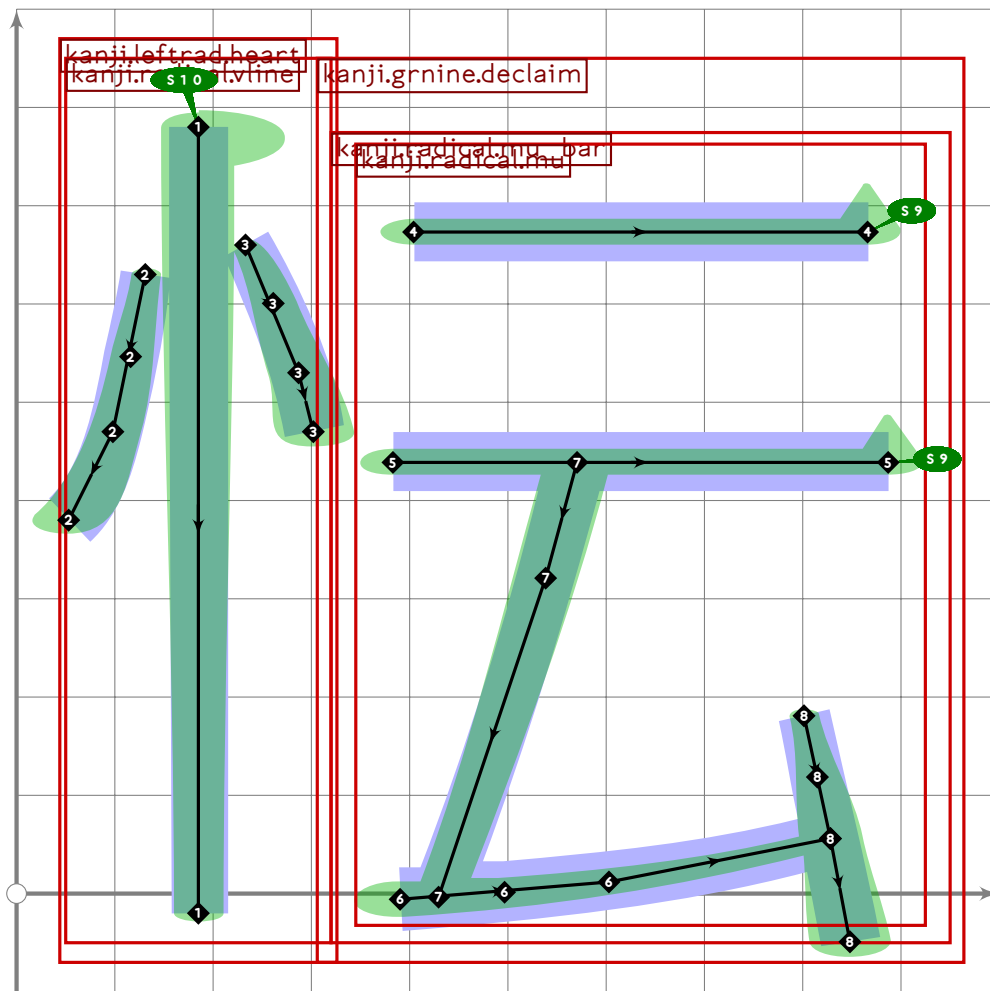


```

711 % extra
712 begintsuglyph("uni5FF4",244);
713   build_kanji.level(build_kanji.lr(320,0)
714     (kanji.leftrad.heart)
715     (kanji.grtwo.now));
716   tsu_render;
717 endtsuglyph;
718
719 % nen "care"
720 begintsuglyph("uni5FF5",245);
721   kanji.grfour.care;
722   tsu_render;
723 endtsuglyph;
724

```

[see page 2135]

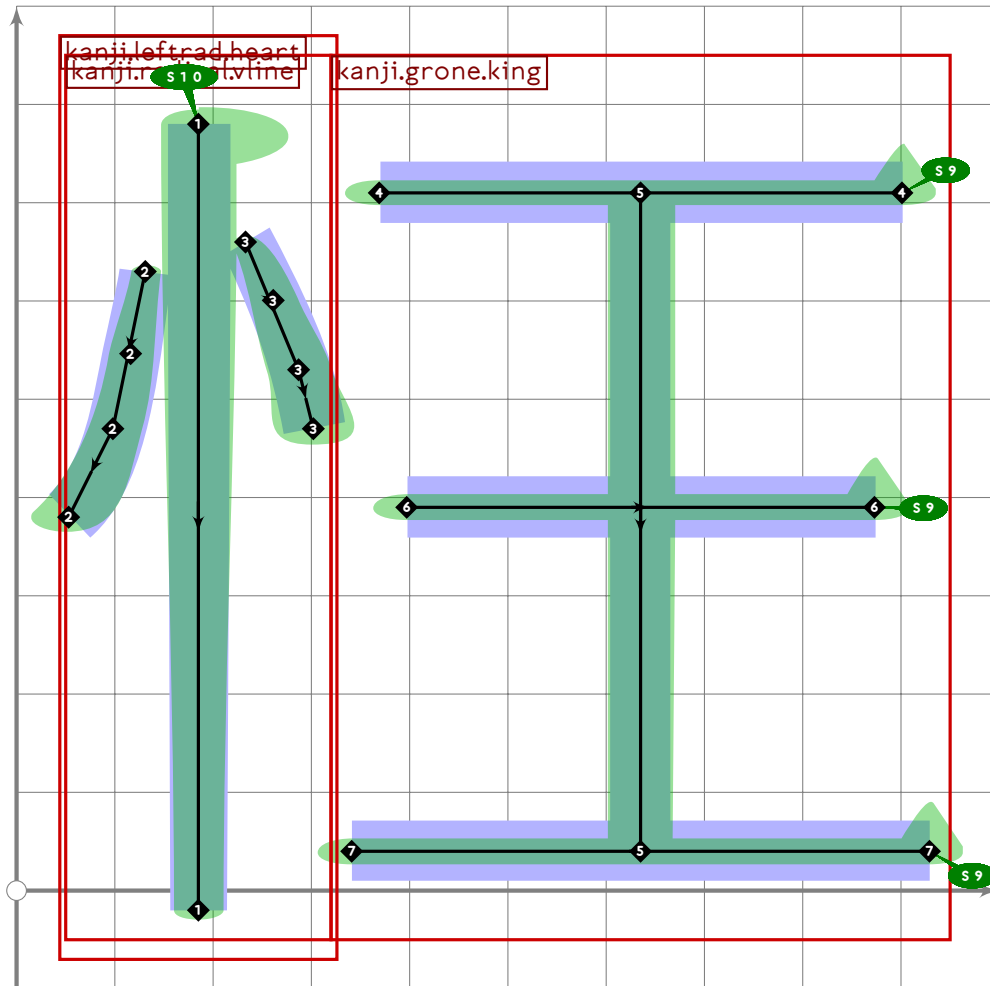


```

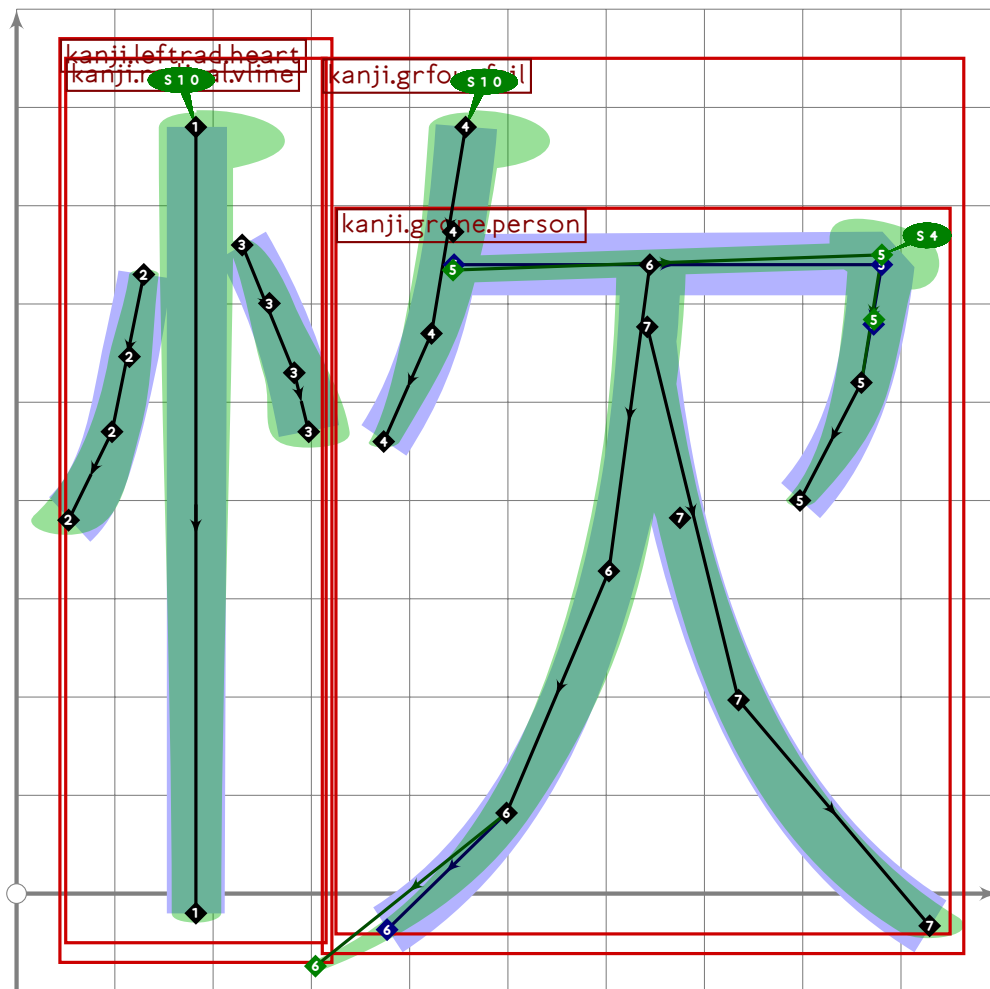
725 % extra
726 begintsuglyph("uni5FF6";246);
727   build_kanji.level(build_kanji.lr(320,0)
728     (kanji.leftrad.heart)
729     (kanji.grnine.declaim));
730   tsu_render;
731 endtsuglyph;
732

```

U+5FF9
tsuku.uni5FF9



```
733 % extra
734 begintsuglyph("uni5FF9",249);
735   build_kanji.level(build_kanji.lr(320,0)
736     (kanji.leftrad.heart)
737     (kanji.grone.king));
738   tsu_render;
739 endtsuglyph;
740
```

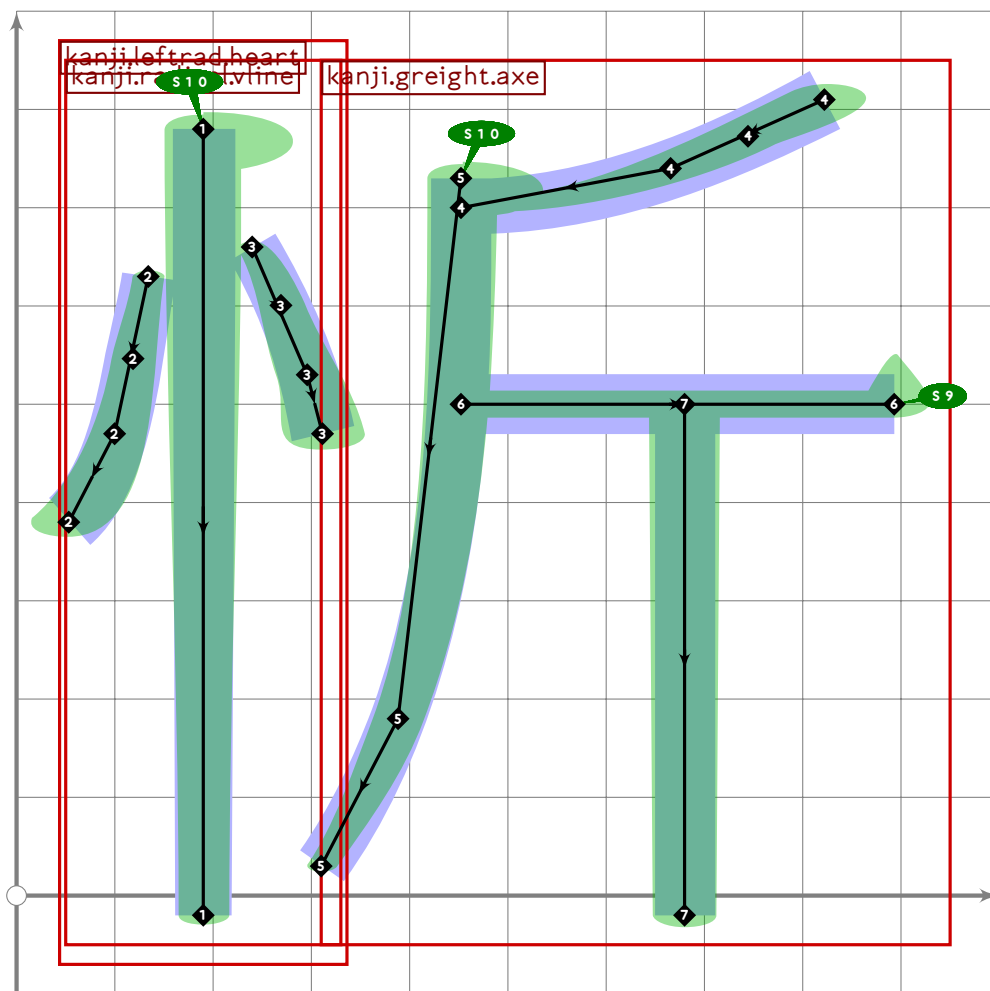



```

741 % extra
742 begintsuglyph("uni5FFA",250);
743   build_kanji.level(build_kanji.lr(320,10)
744     (kanji.leftrad.heart)
745     (kanji.grfour.fail));
746   tsu_render;
747 endtsuglyph;
748

```

U+5FFB
tsuku.uni5FFB

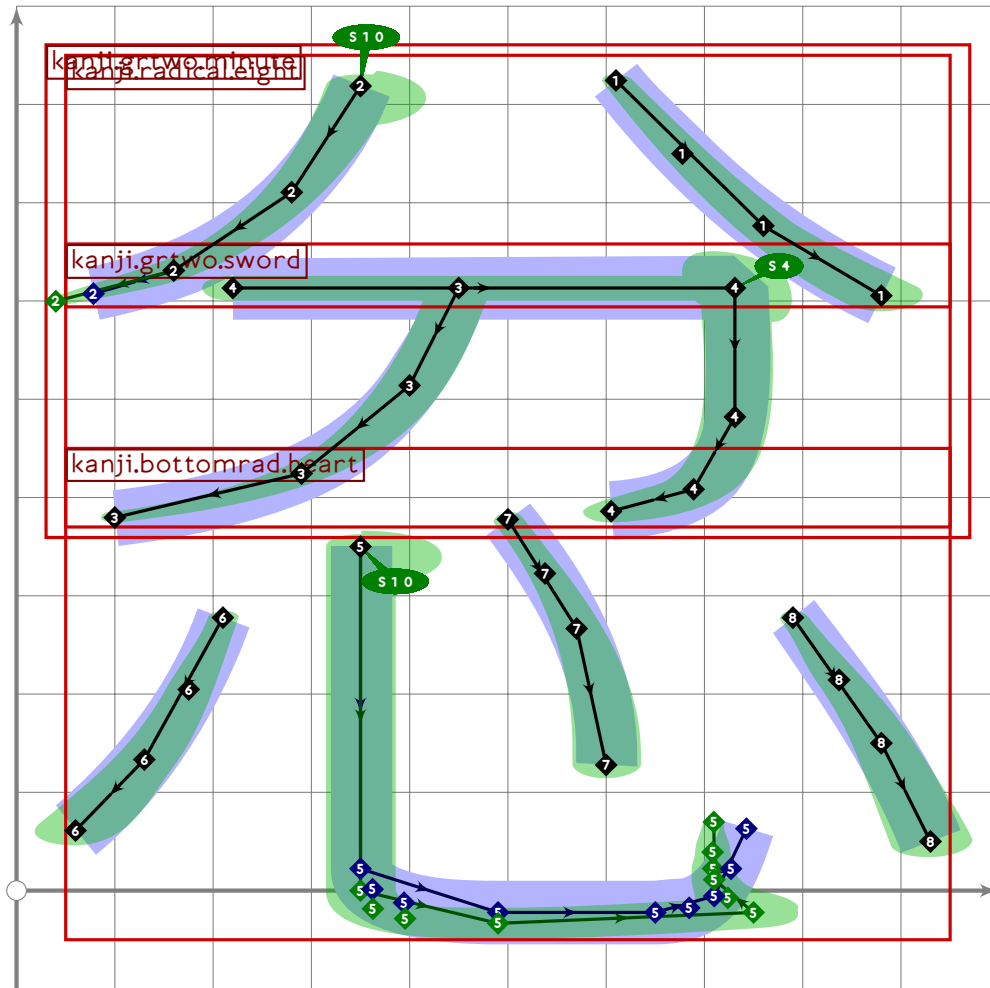


```

749 % extra
750 begintsuglyph("uni5FFB";251);
751   build_kanji.level(build_kanji.lr(320,20)
752     (kanji.leftrad.heart
753     (kanji.greight.axe));
754   tsu_render;
755 endtsuglyph;
756
757 % kotsu/tachima "suddenly"
758 begintsuglyph("uni5FFD";253);
759   kanji.grnine.suddenly;
760   tsu_render;
761 endtsuglyph;
762

```

[see page 2150]



```

763 % extra "be angry"
764 begintsuglyph("uni5FFF";255);
765   build_kanji.level(build_kanji.tb(410,80)
766     (kanji.grtwo.minute)
767     (kanji.bottomrad.heart));
768   tsu_render;
769 endtsuglyph;
770
771
772
773 endfont;
774
775

```

tsuku-60.mp

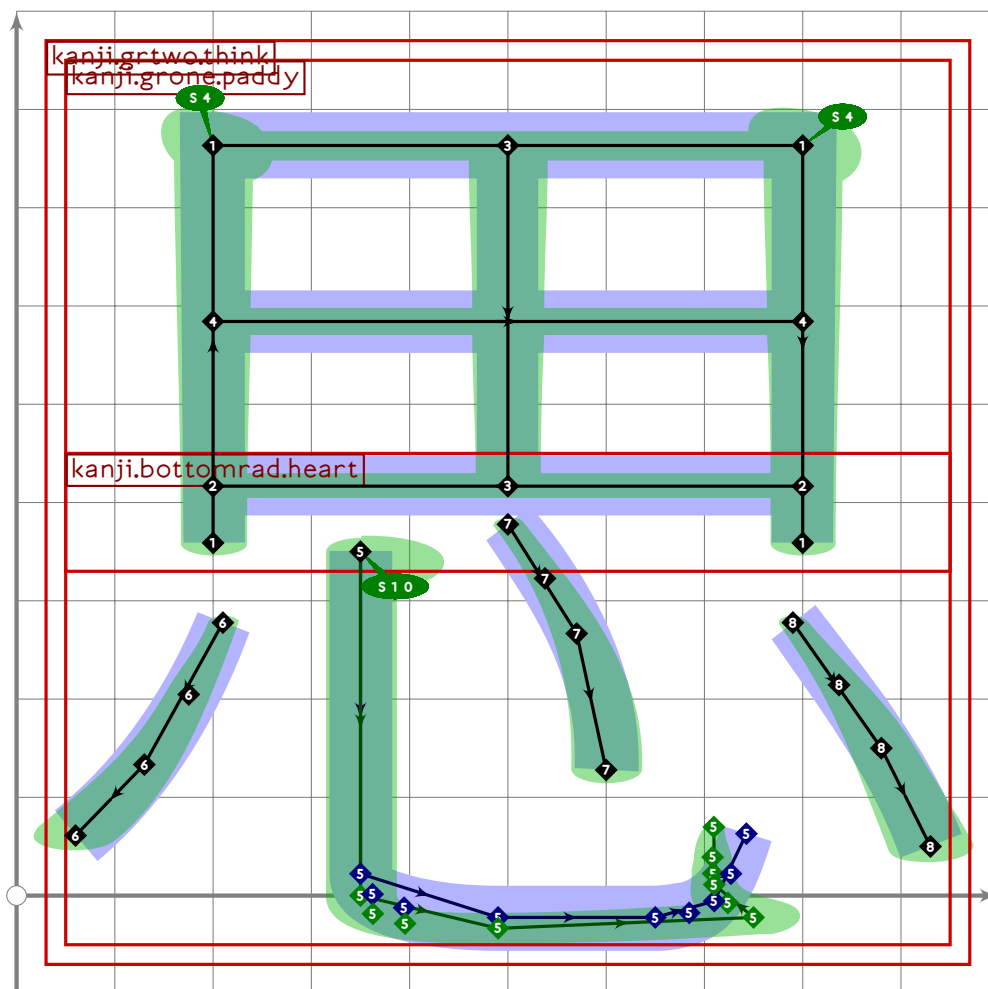
```
1 %
2 % Unicode page 60 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```

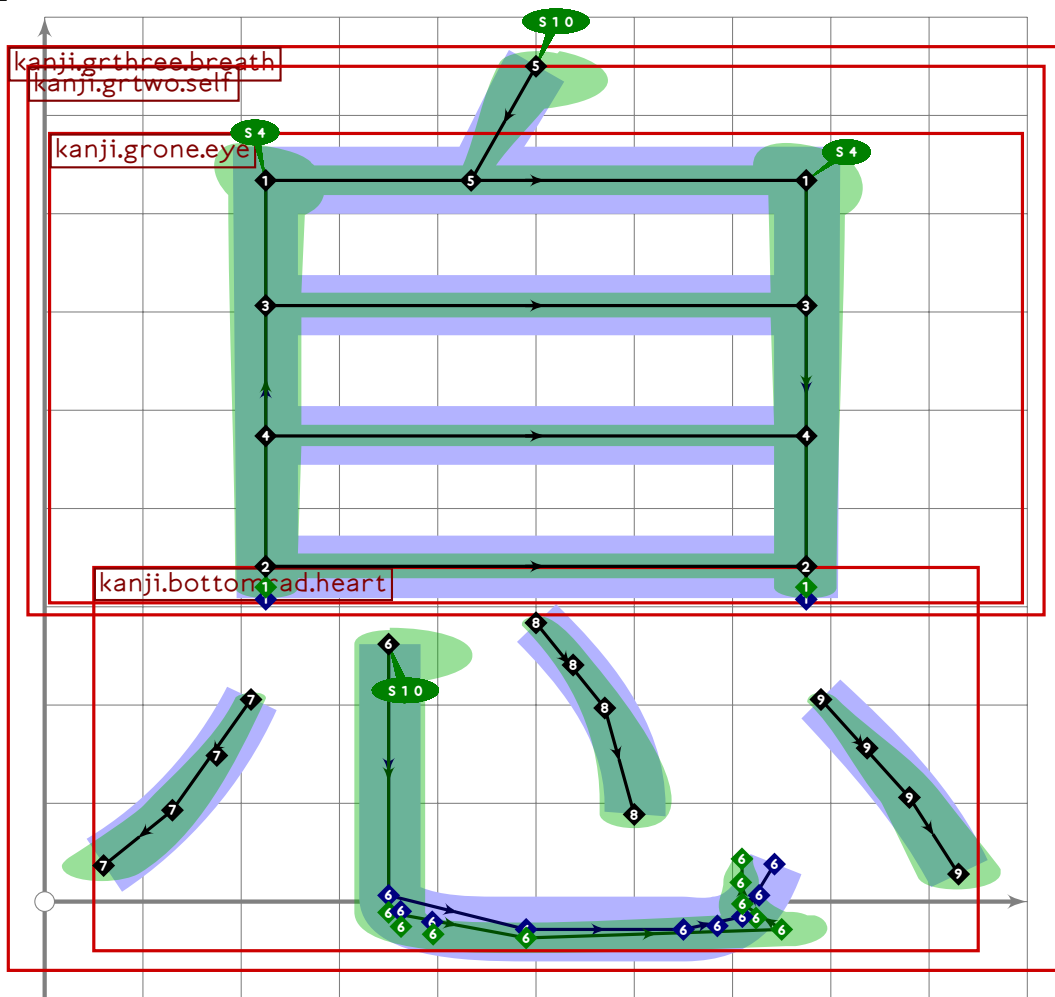


```

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

```

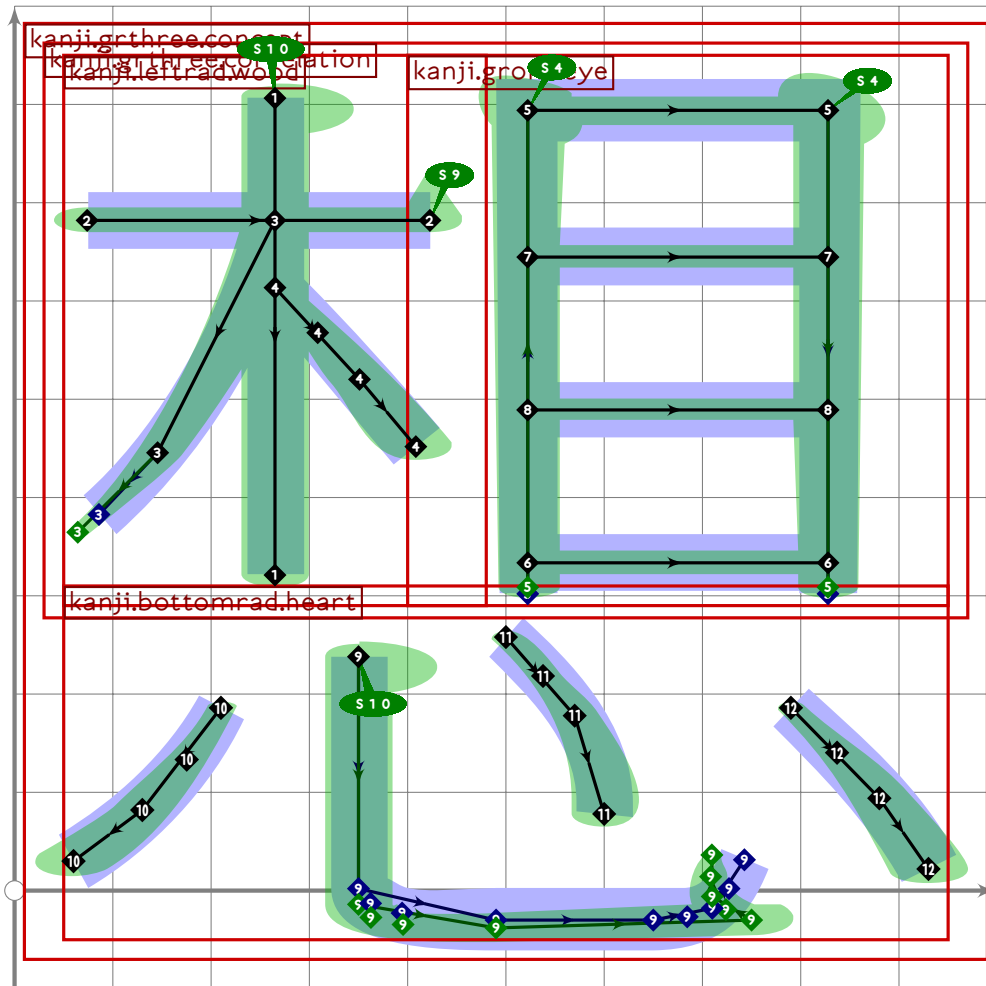
U+606F
tsuku.uni606F



```

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

```

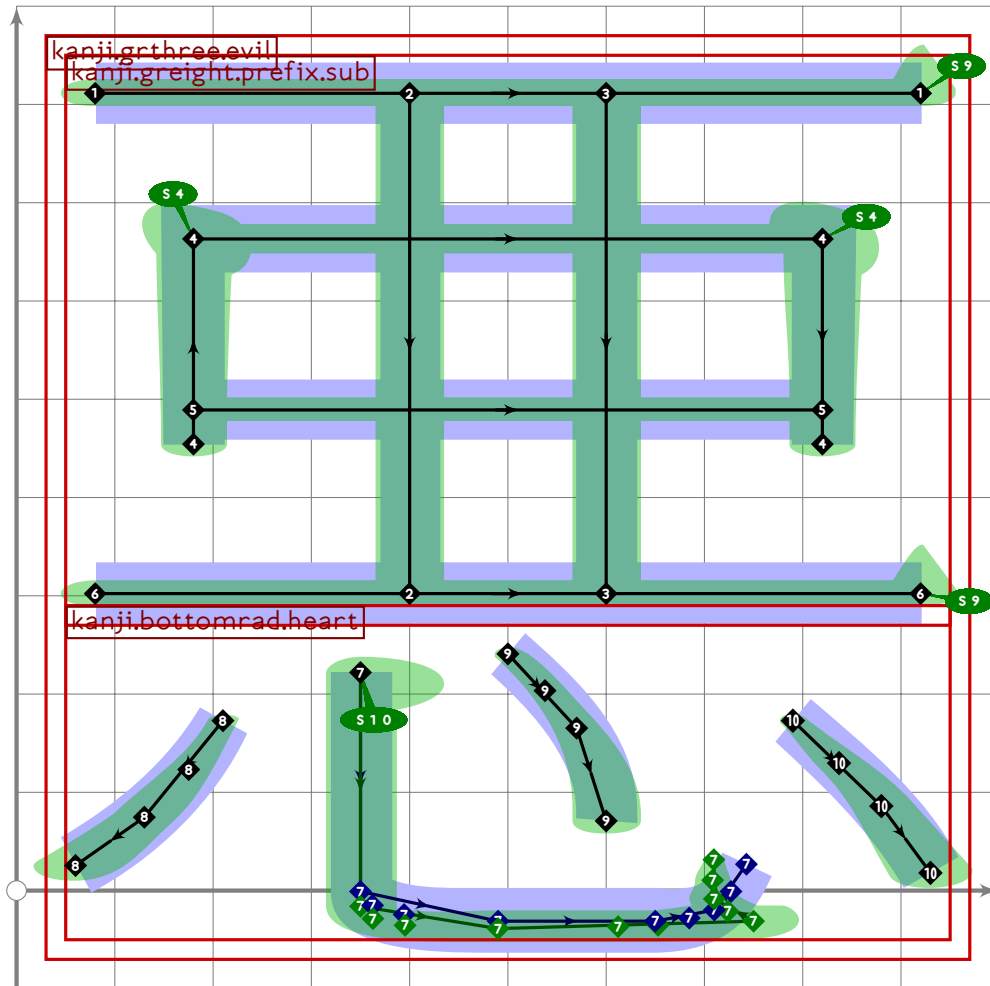


```

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

```

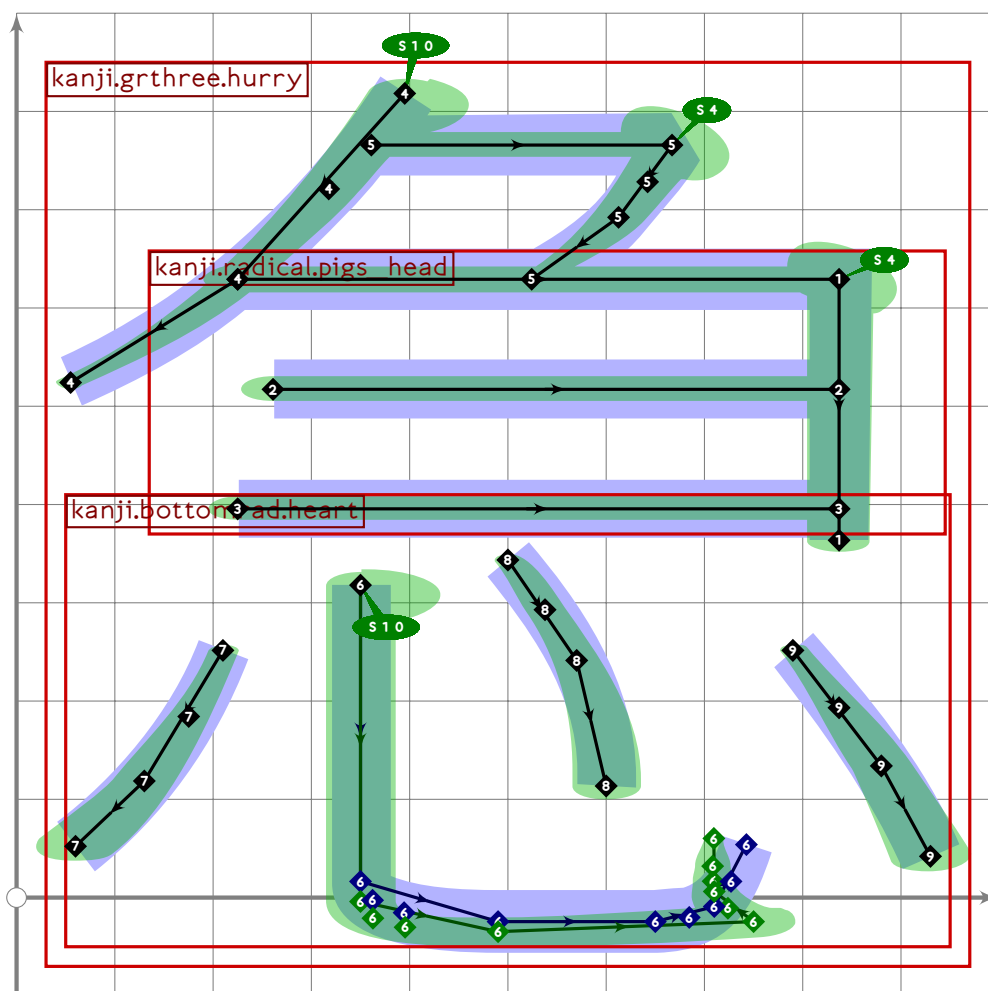
U+60AA
tsuku.uni60AA



```

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

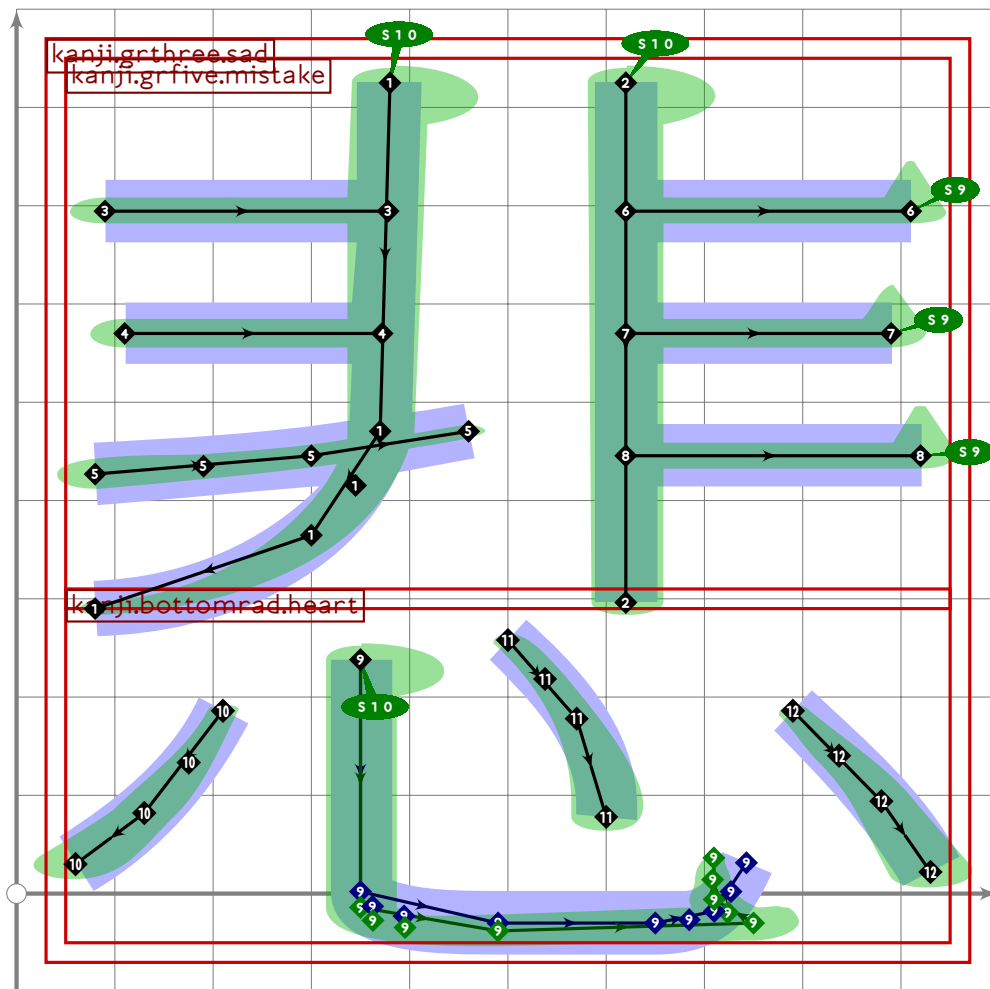
```

```

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

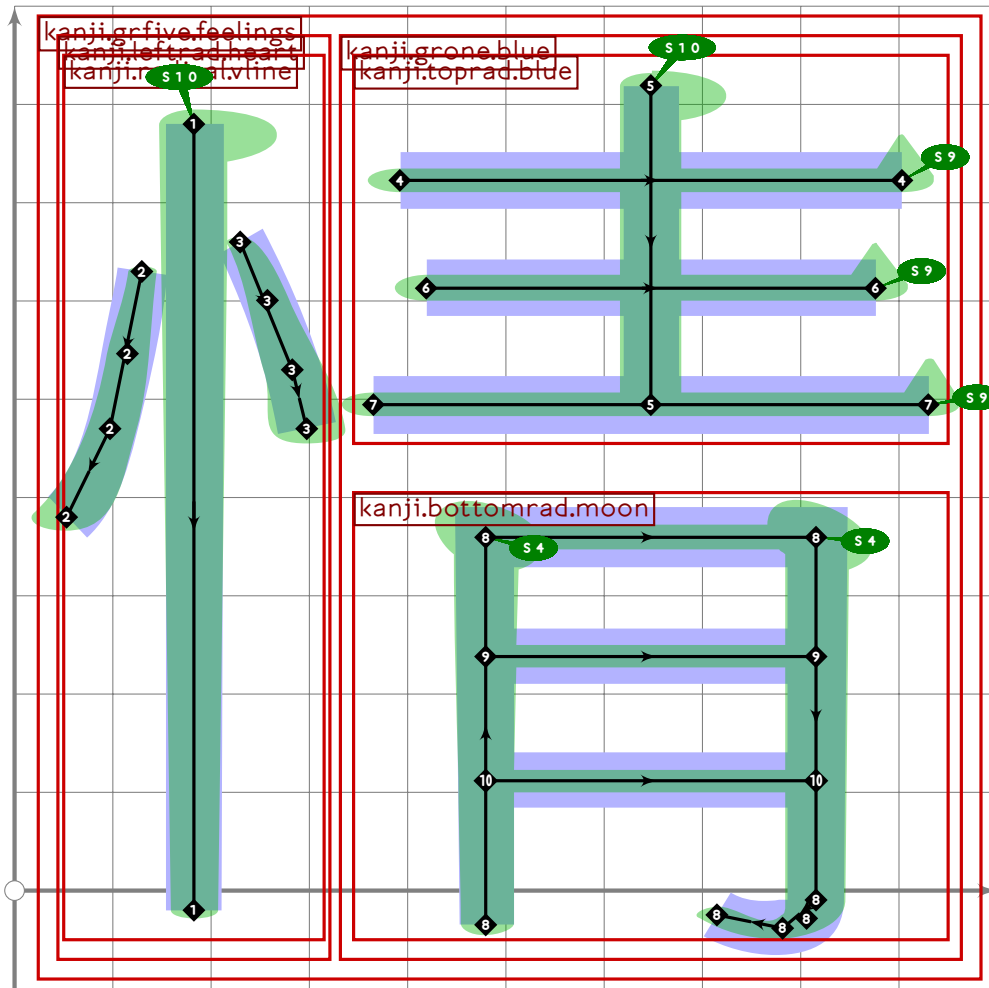
```



```

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

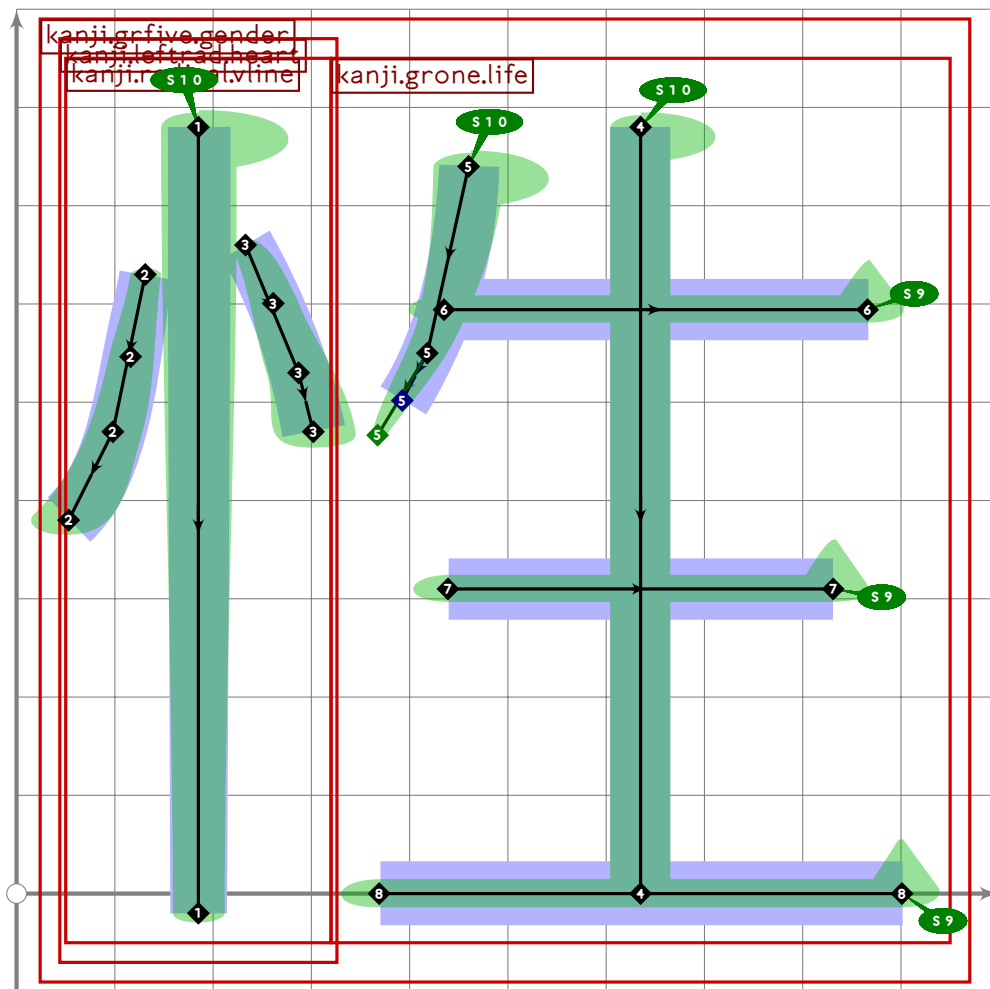
```



```

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

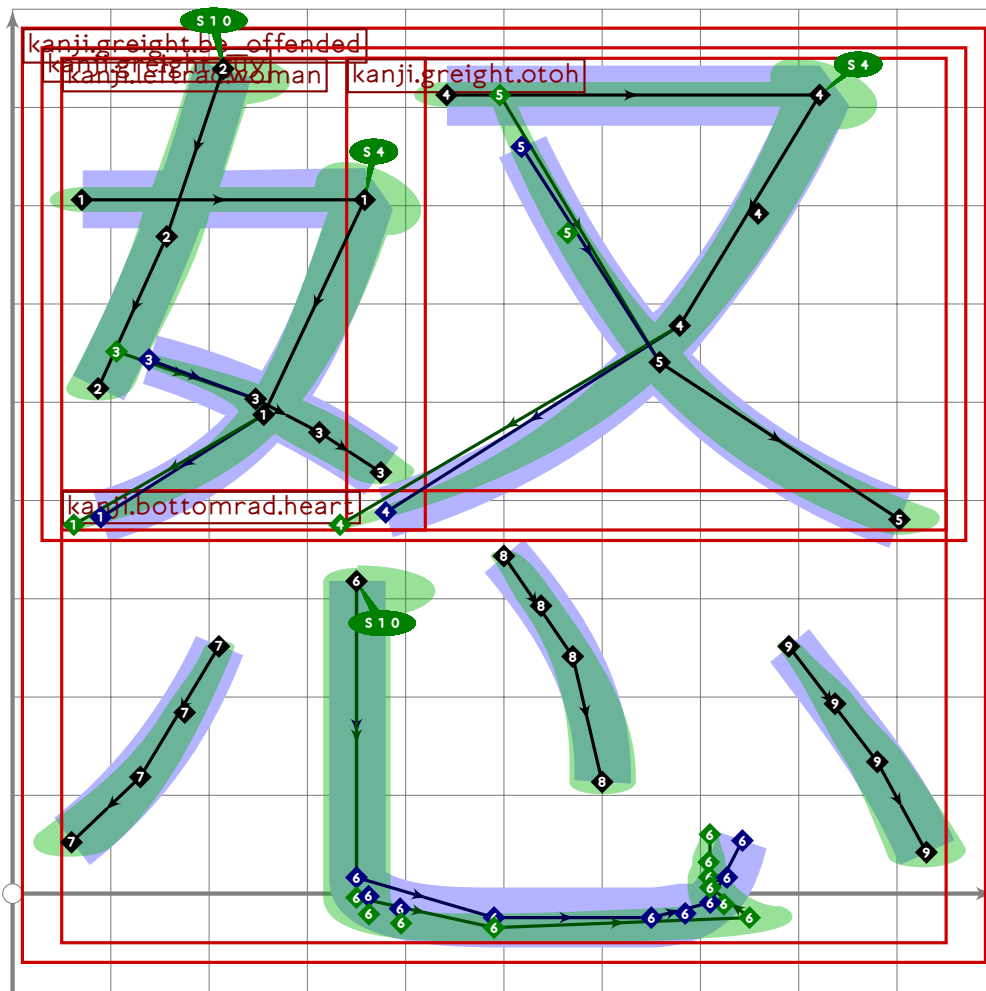
```



```

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

```

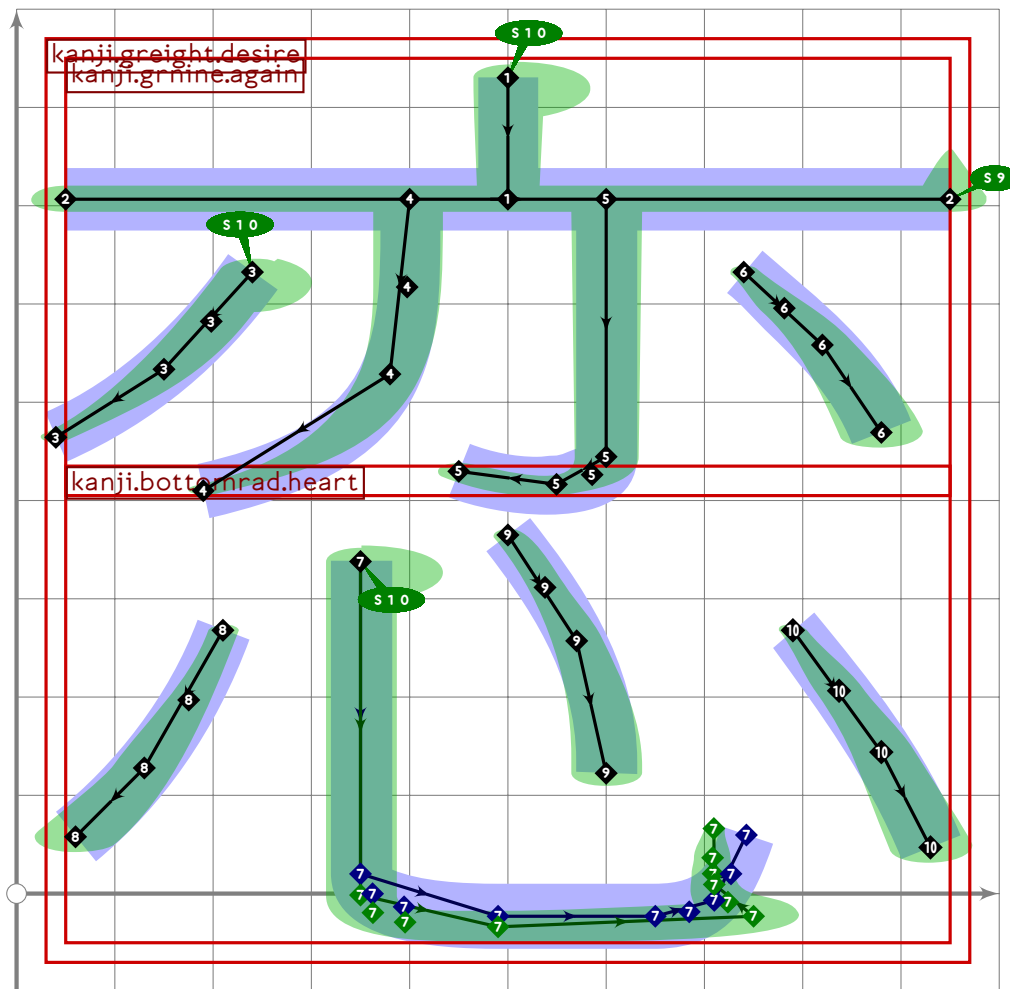


```

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

```

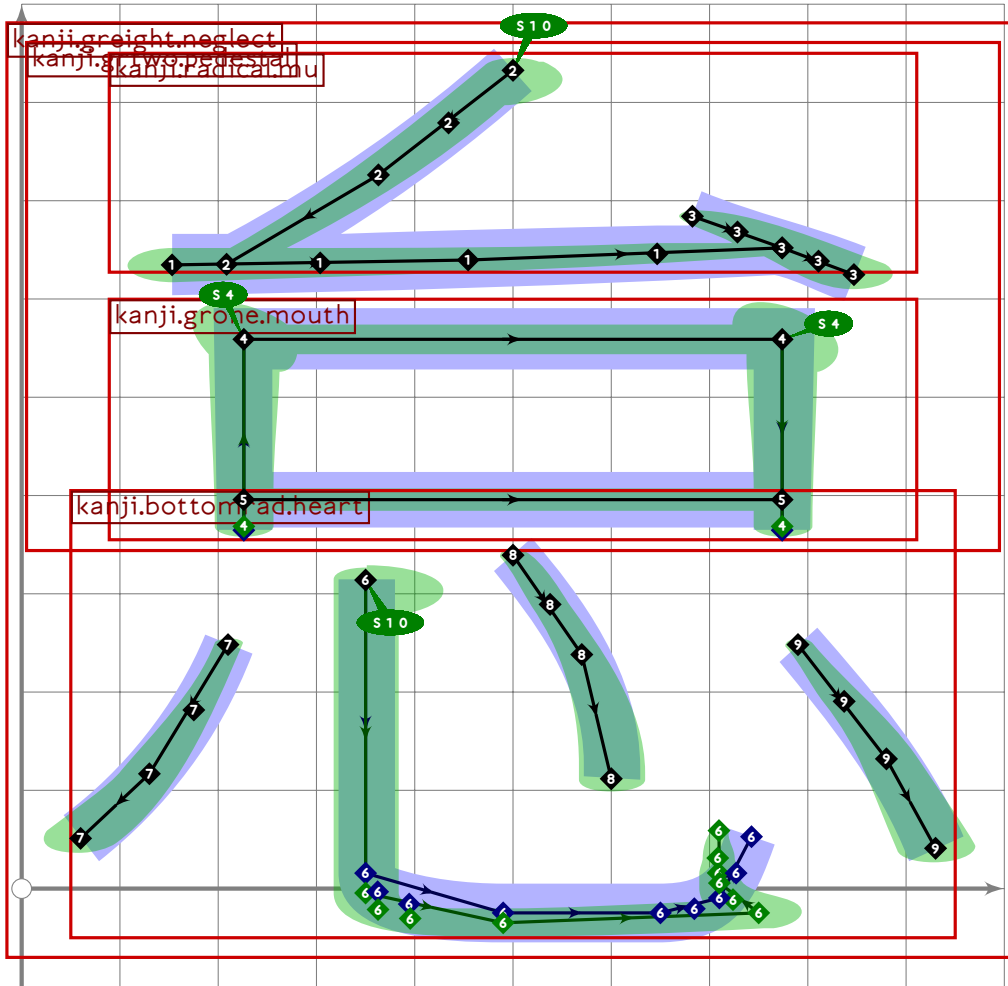
U+604B
tsuku.uni604B



```

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

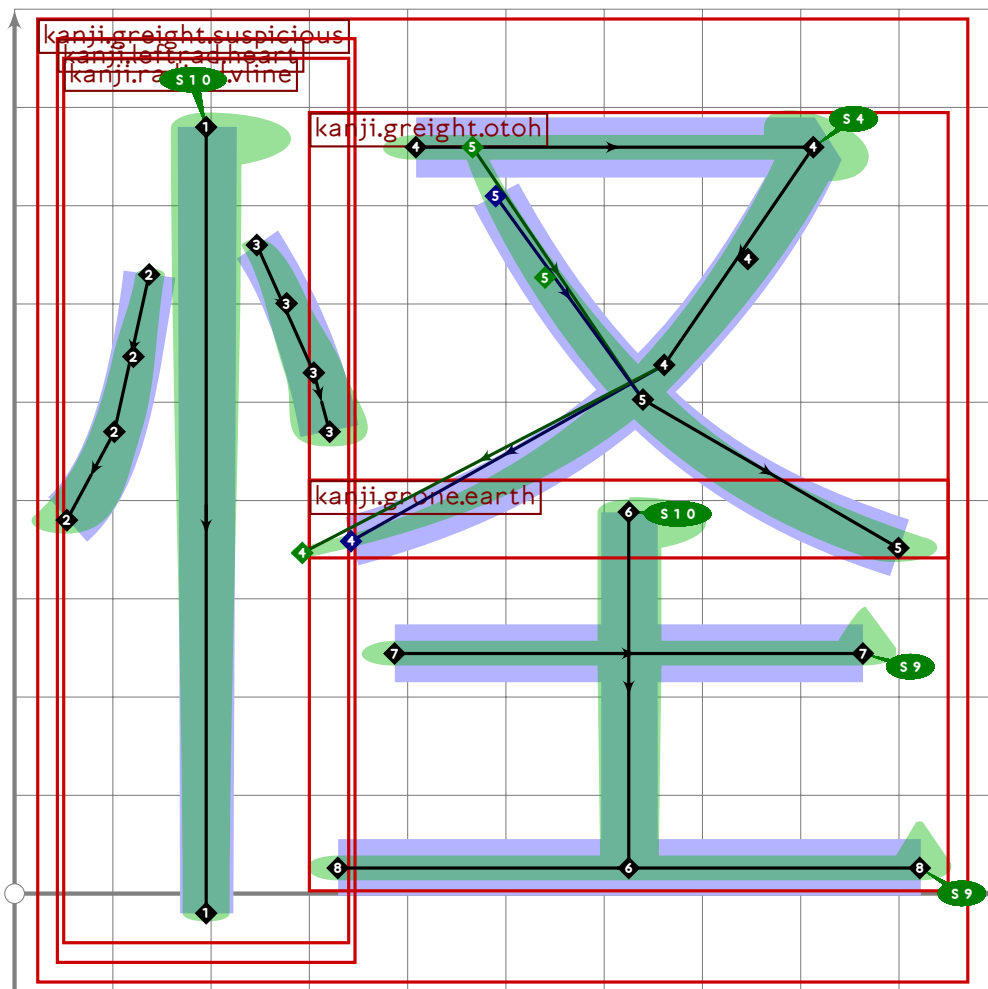
```



```

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

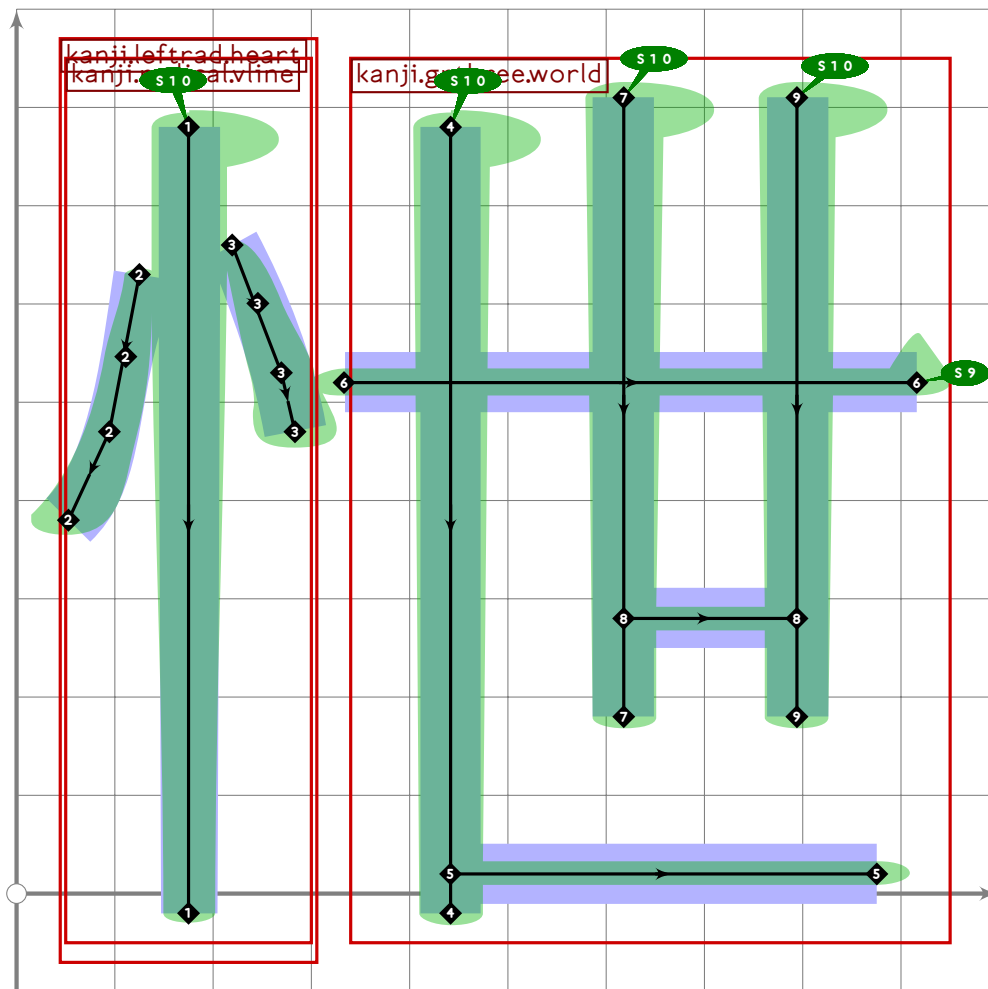
```



```

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

```

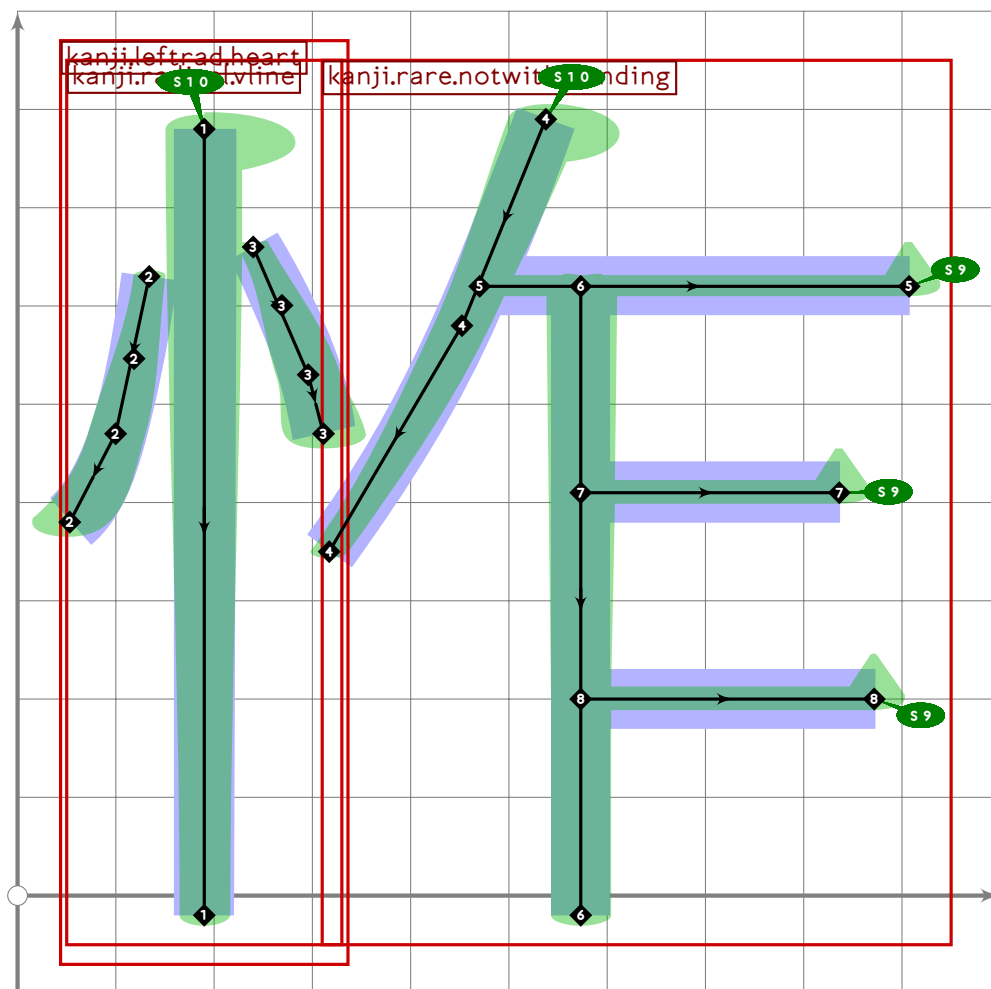



```

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

```

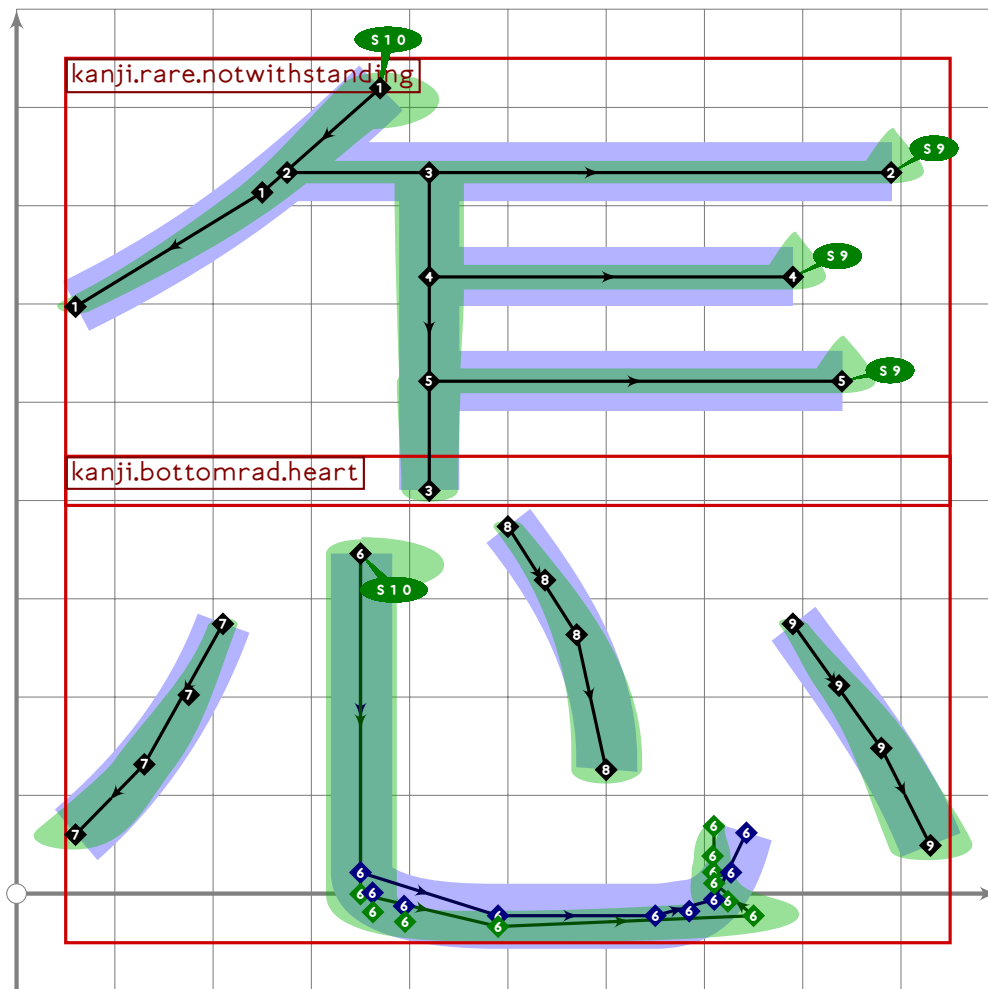
U+600D
tsuku.uni600D



```

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

```

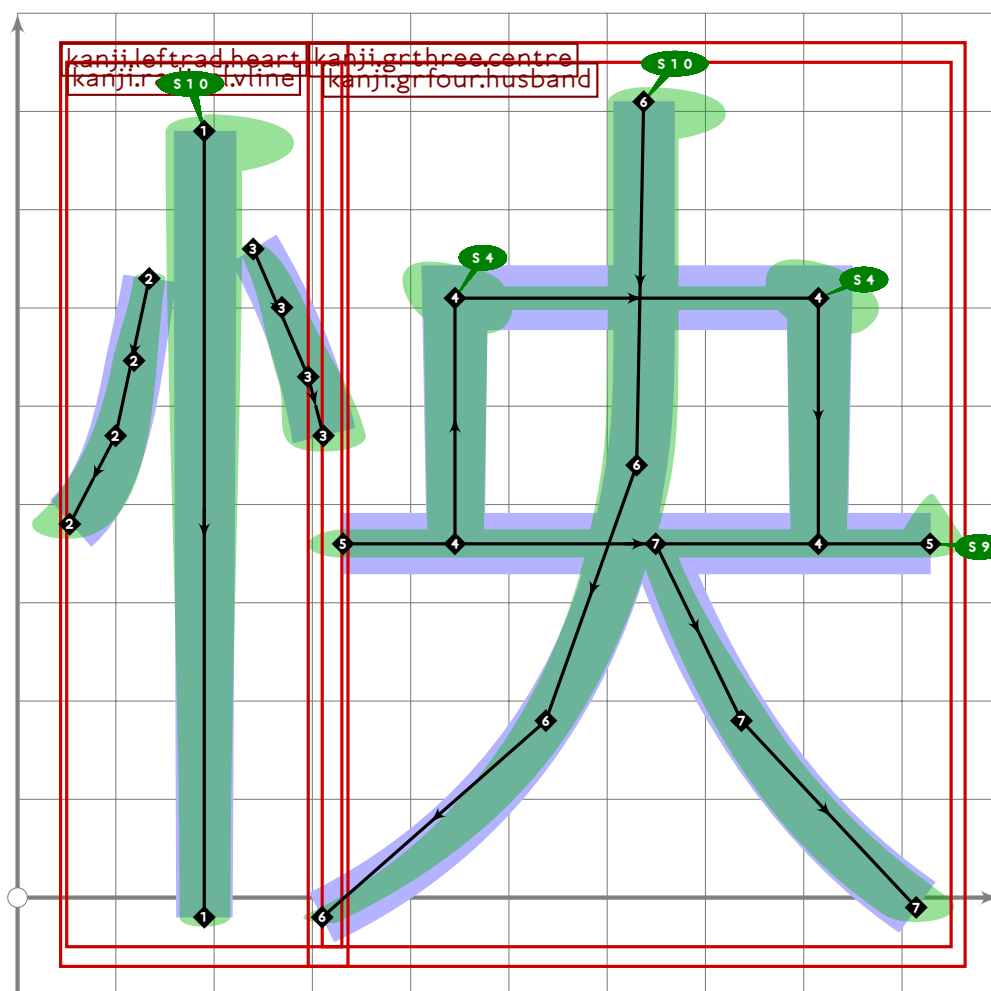


```

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

```

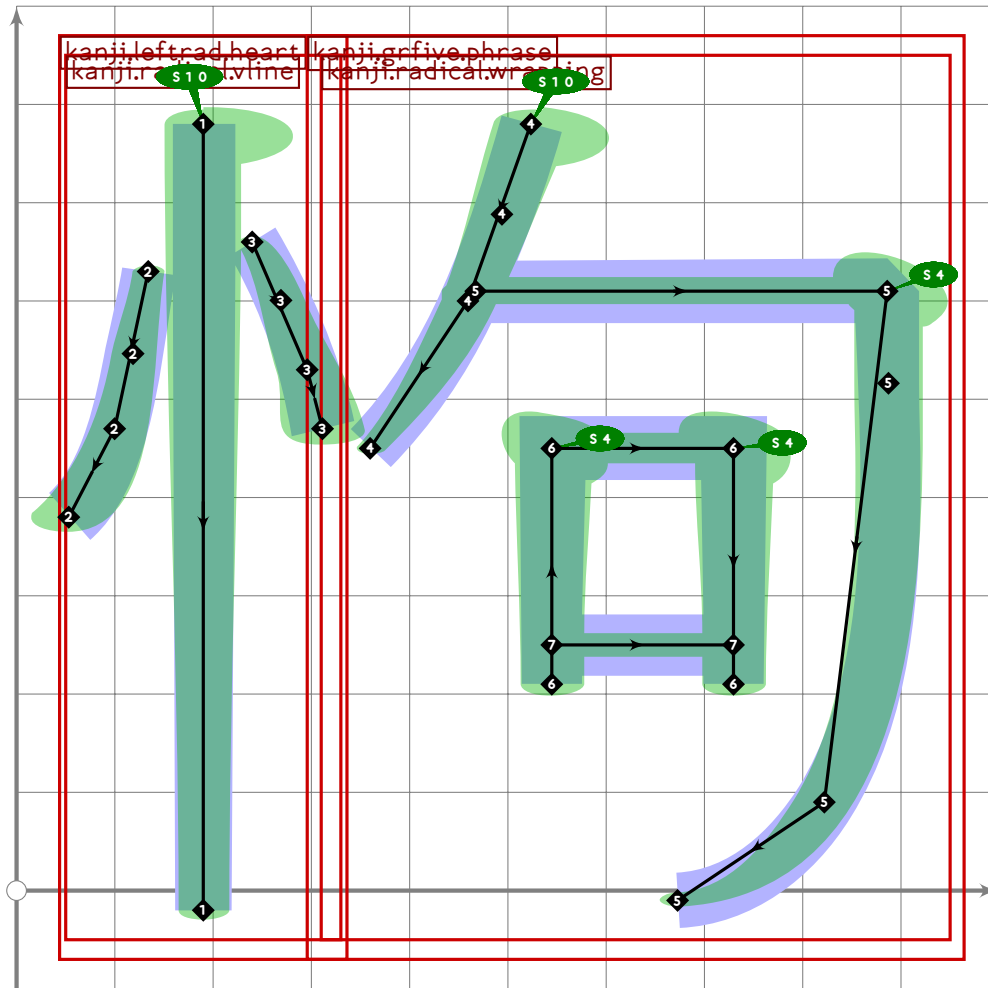
U+600F
tsuku.uni600F



```

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

```



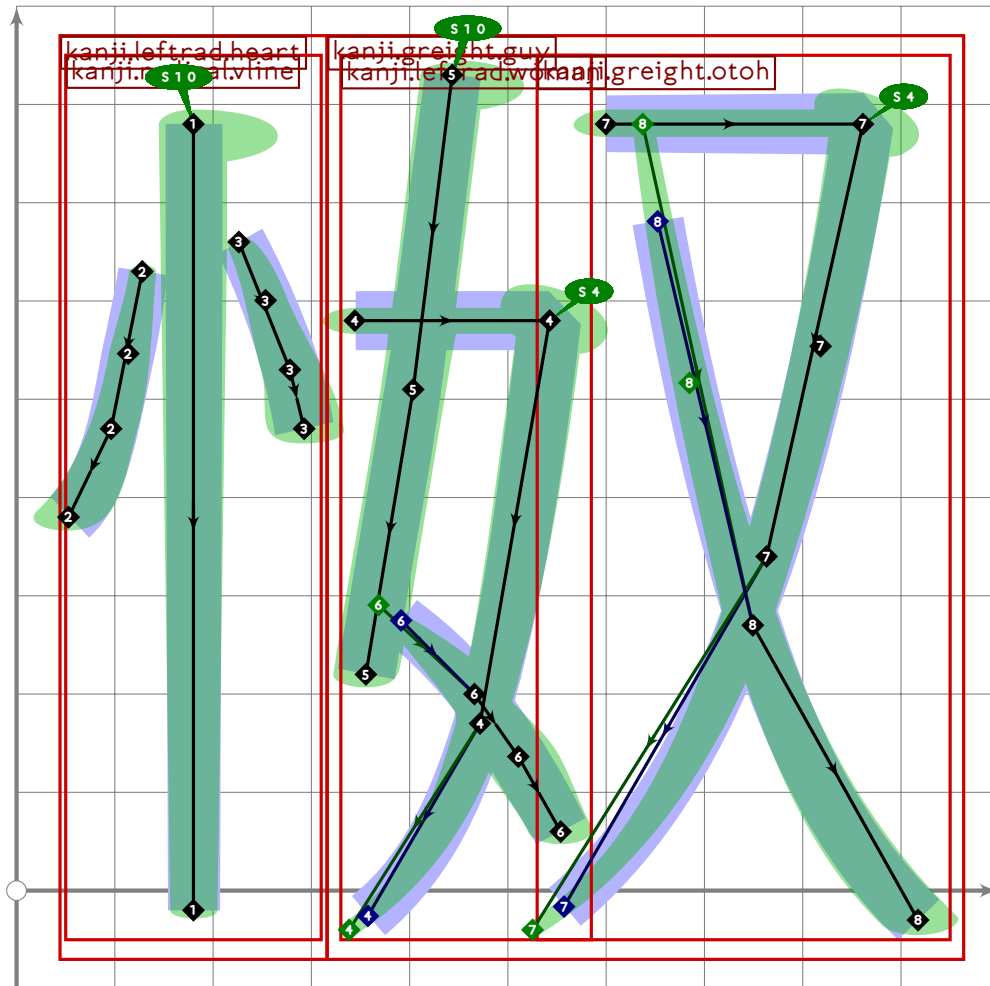
```

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

```

[see page 2195]

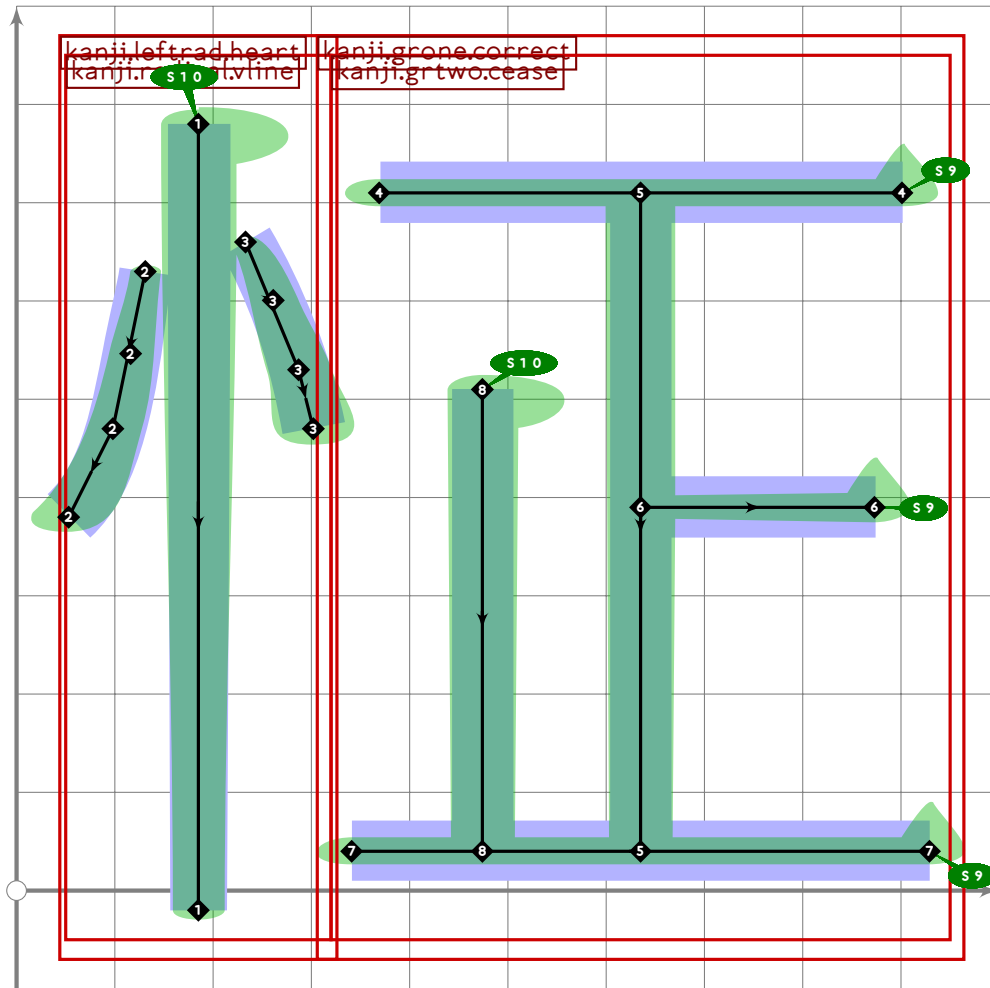
U+6013
tsuku.uni6013



```

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

```

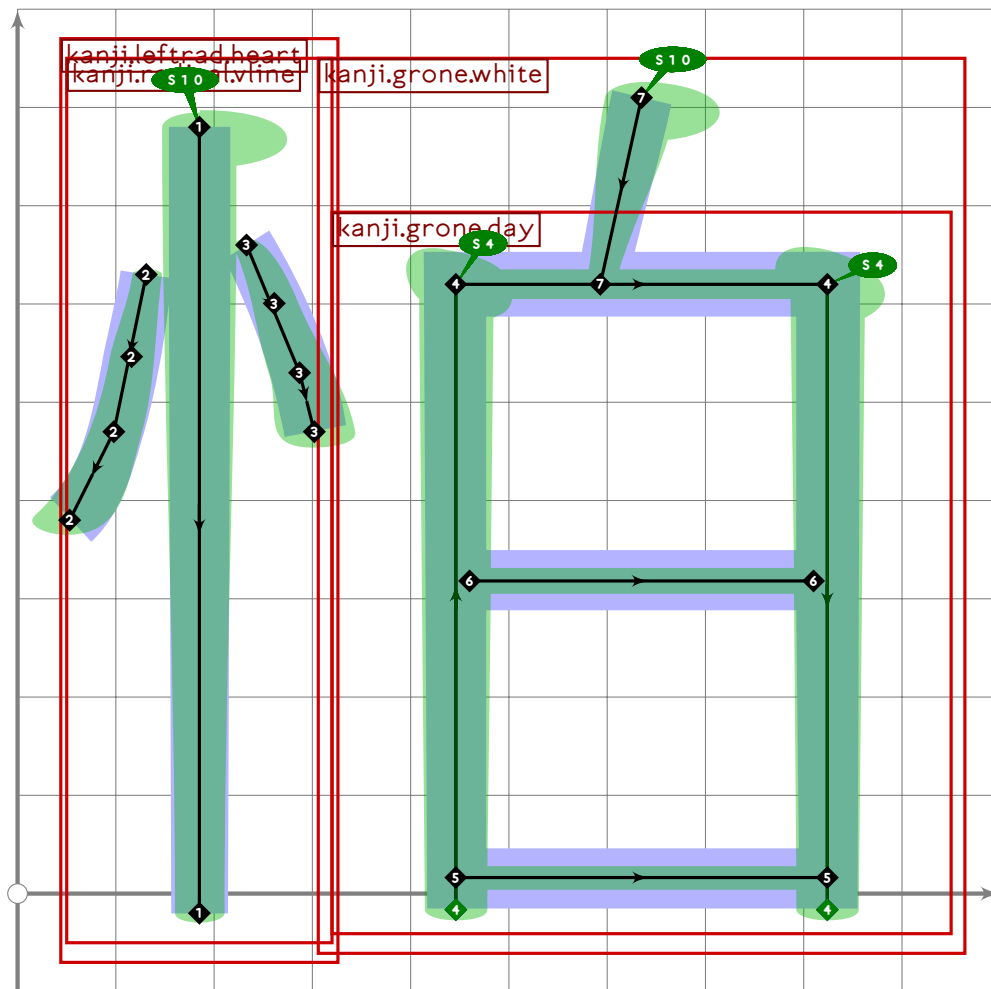


```

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

```

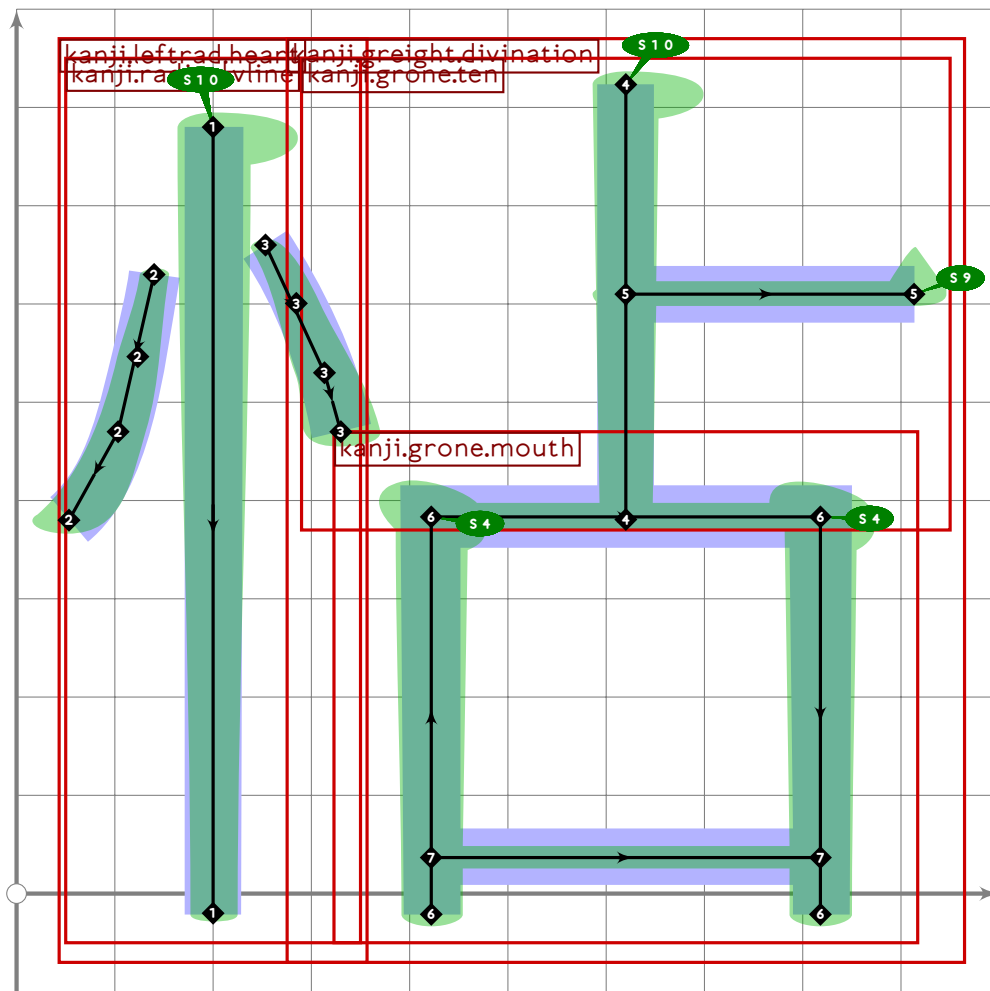
U+6015
tsuku.uni6015



```

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

```

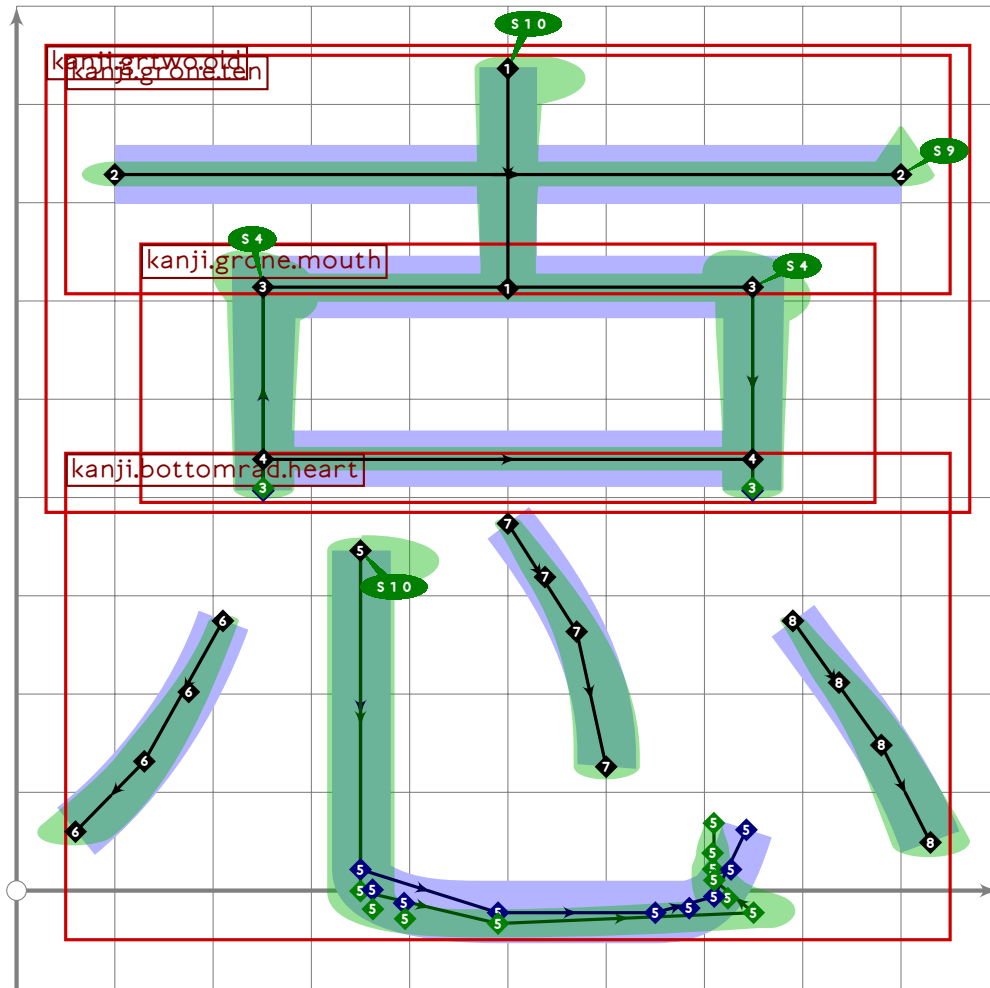



```

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

```

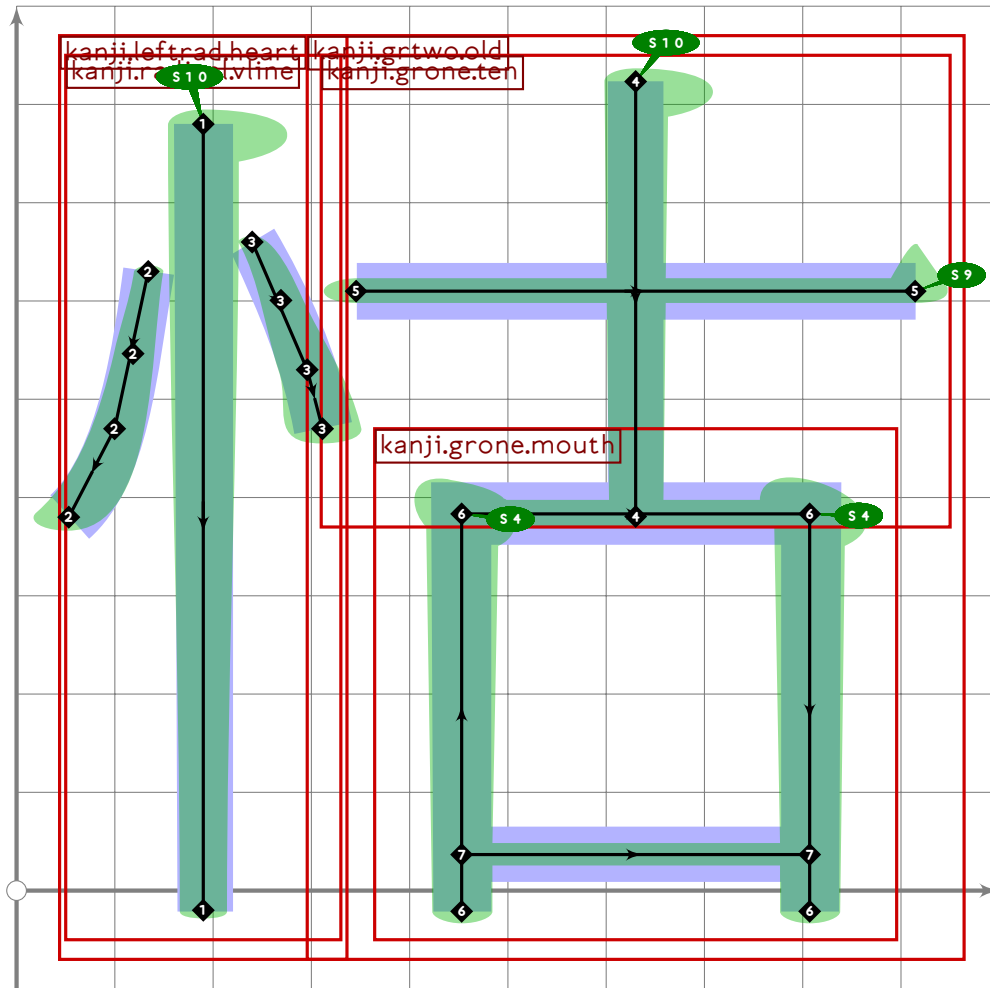
U+6018
tsuku.uni6018



```

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

```

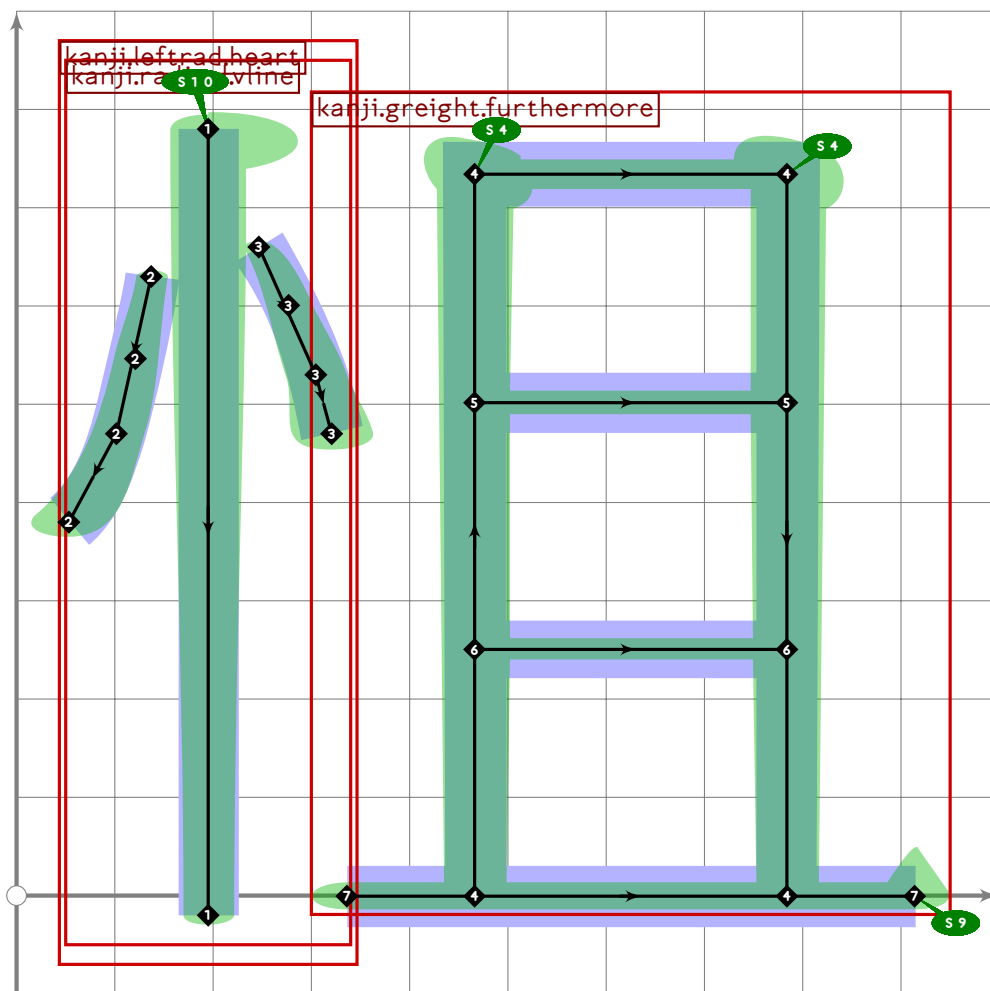


```

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

```

U+601A
tsuku.uni601A

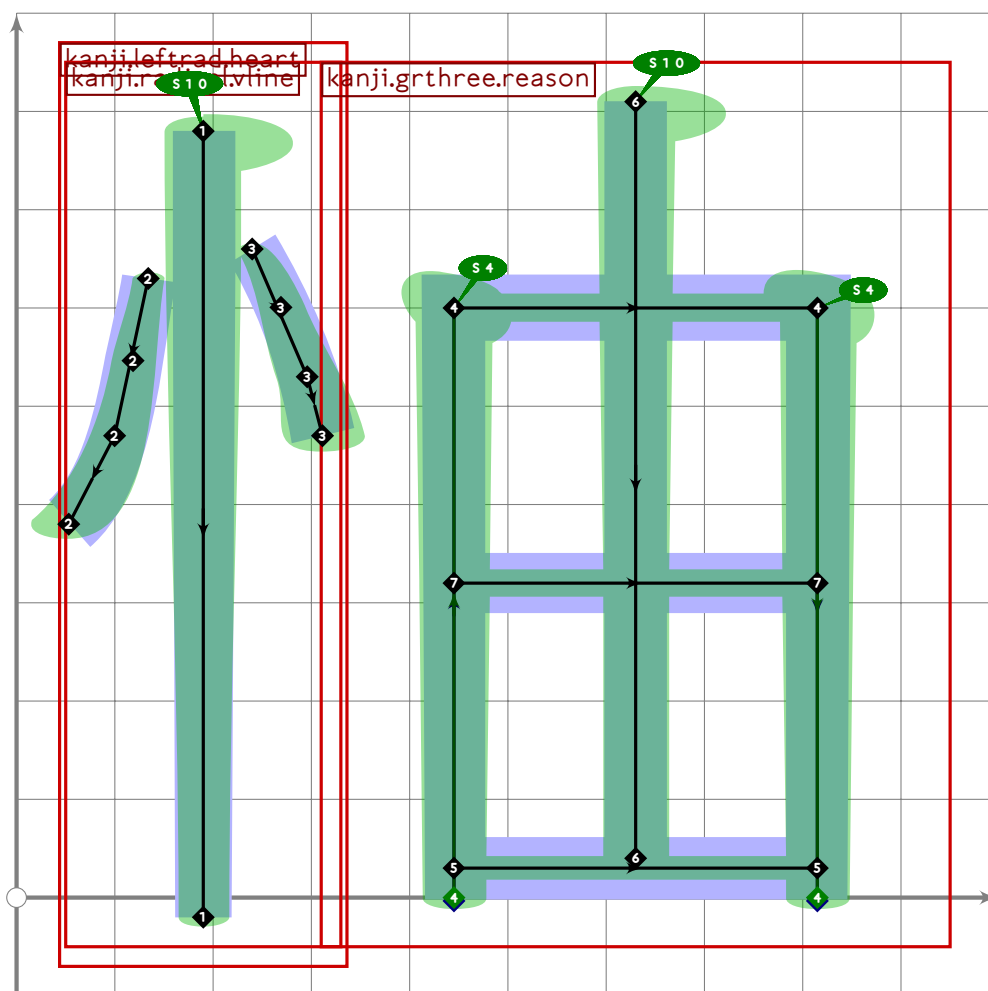


```

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

```

[see page 2187]



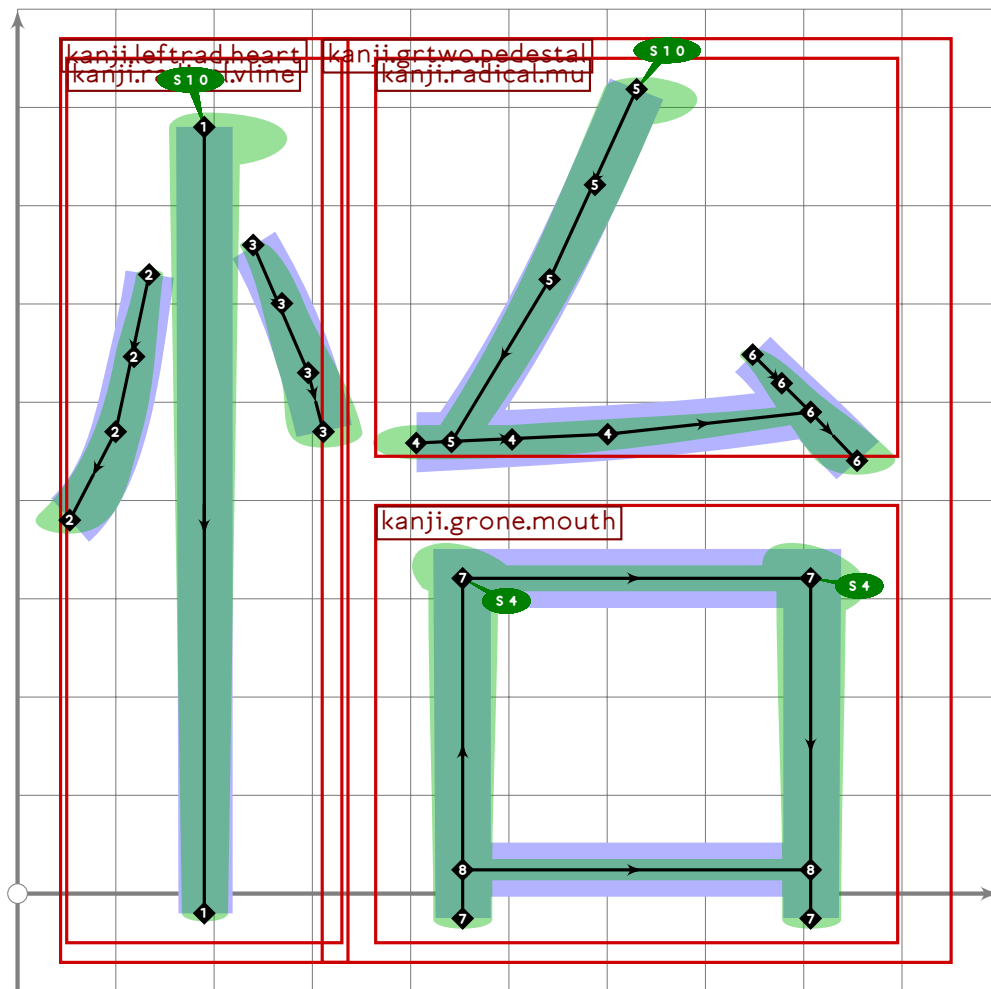
```

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

```

[see page 2197]

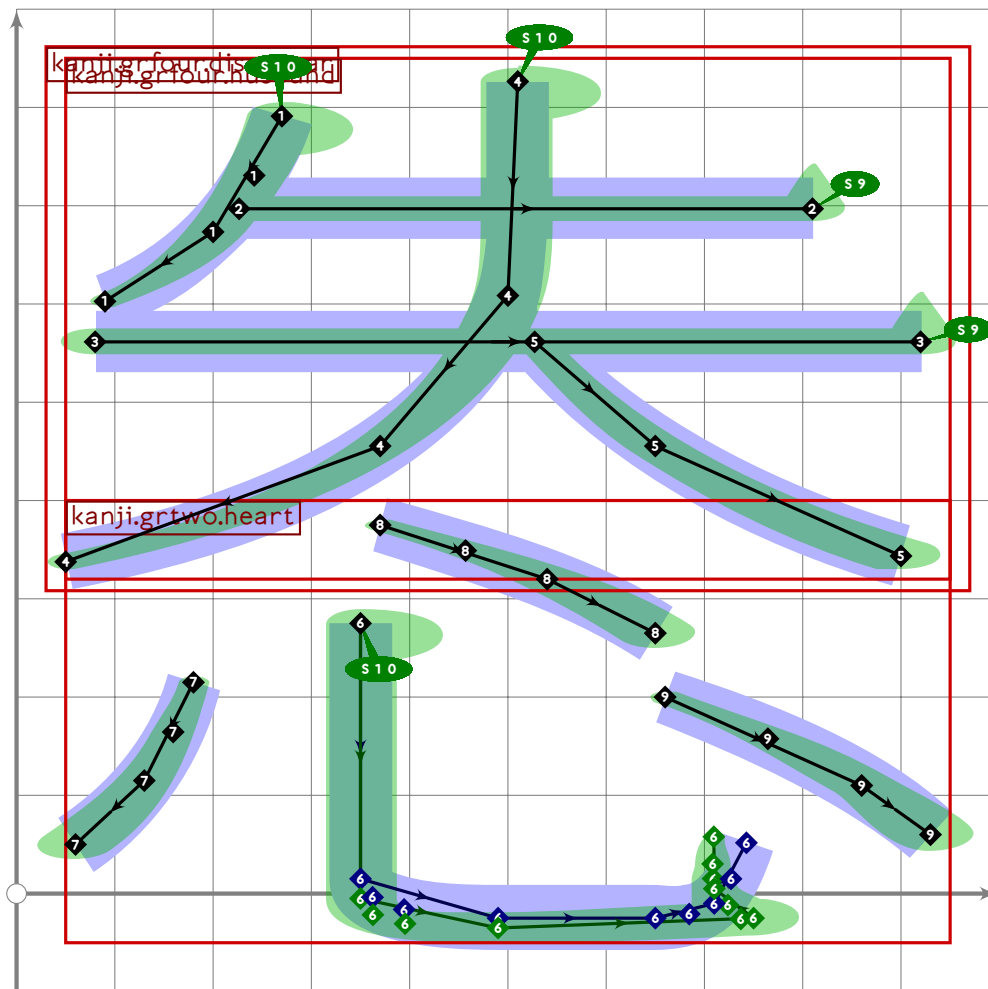
U+6021
tsuku.uni6021



```

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

```

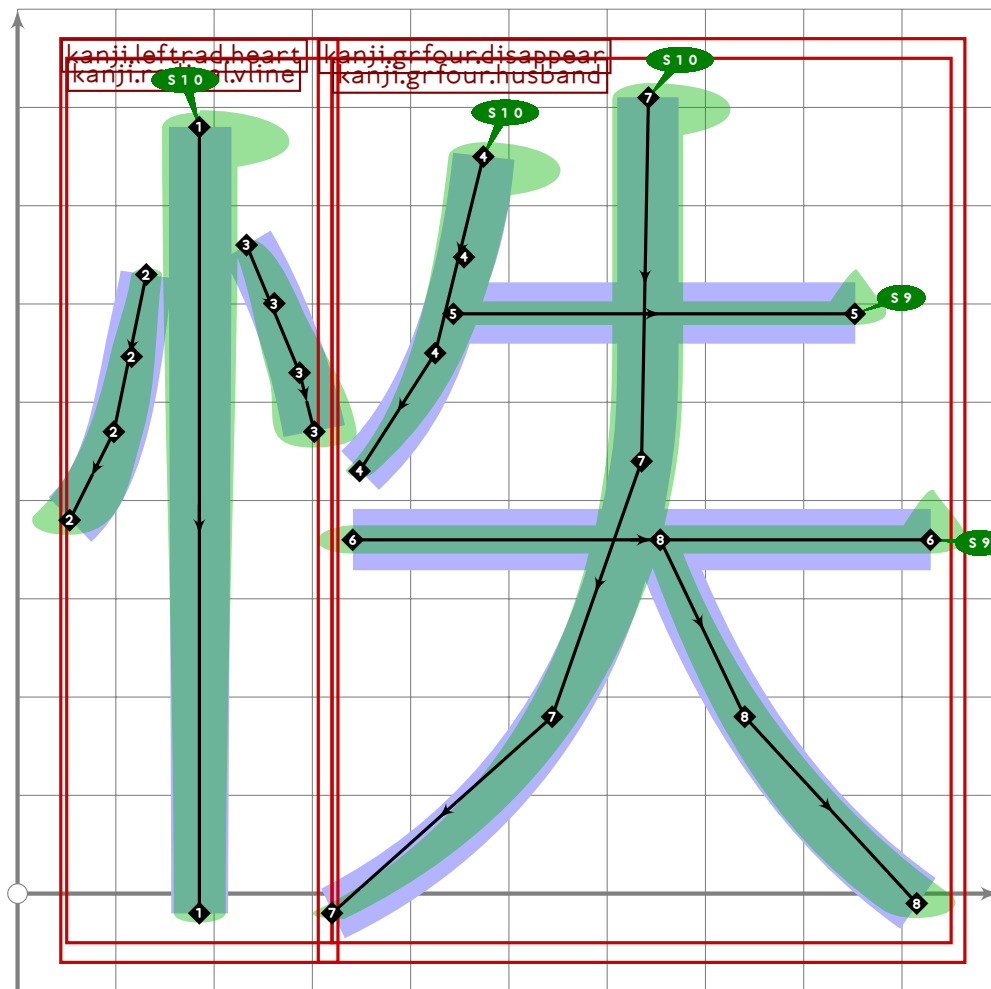


```

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

```

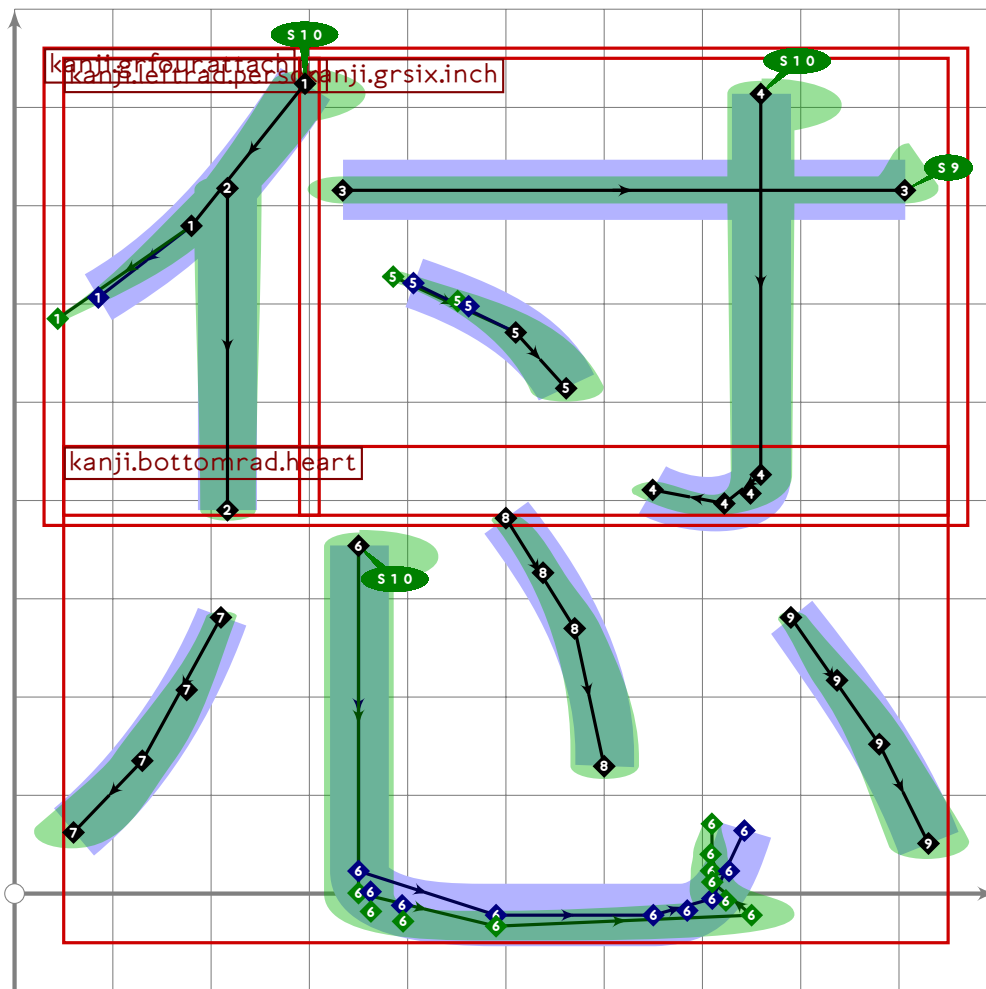
U+6023
tsuku.uni6023



```

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

```

```

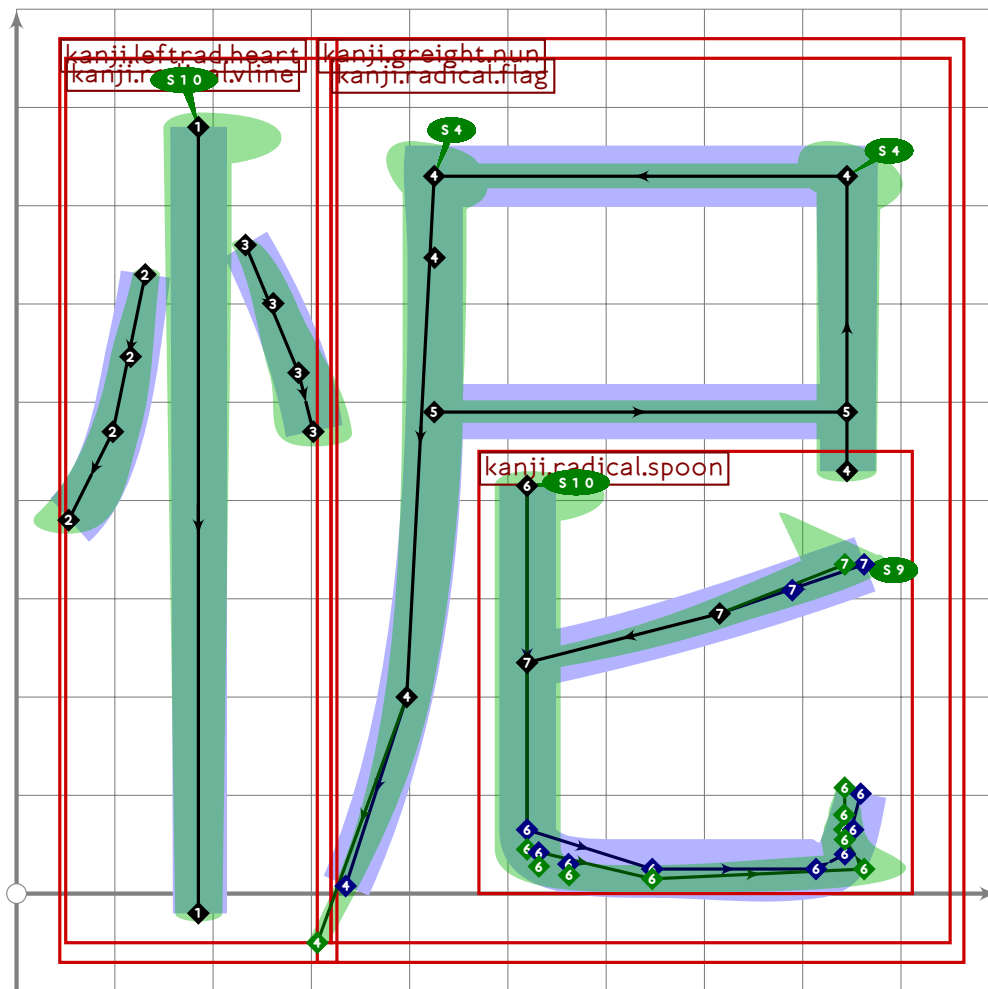
309 % extra
310 begintsuglyph("uni6024";36);
311   build_kanji.level(build_kanji.tb(420,70)
312     (kanji.grfour.attach)
313     (kanji.bottomrad.heart));
314   tsu_render;
315 endtsuglyph;
316
317 % kyuu/iso "hurry"
318 begintsuglyph("uni6025";37);
319   kanji.grthree.hurry;
320   tsu_render;
321 endtsuglyph;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

```

[see page 2191]

[see page 2194]

U+6029
tsuku.uni6029

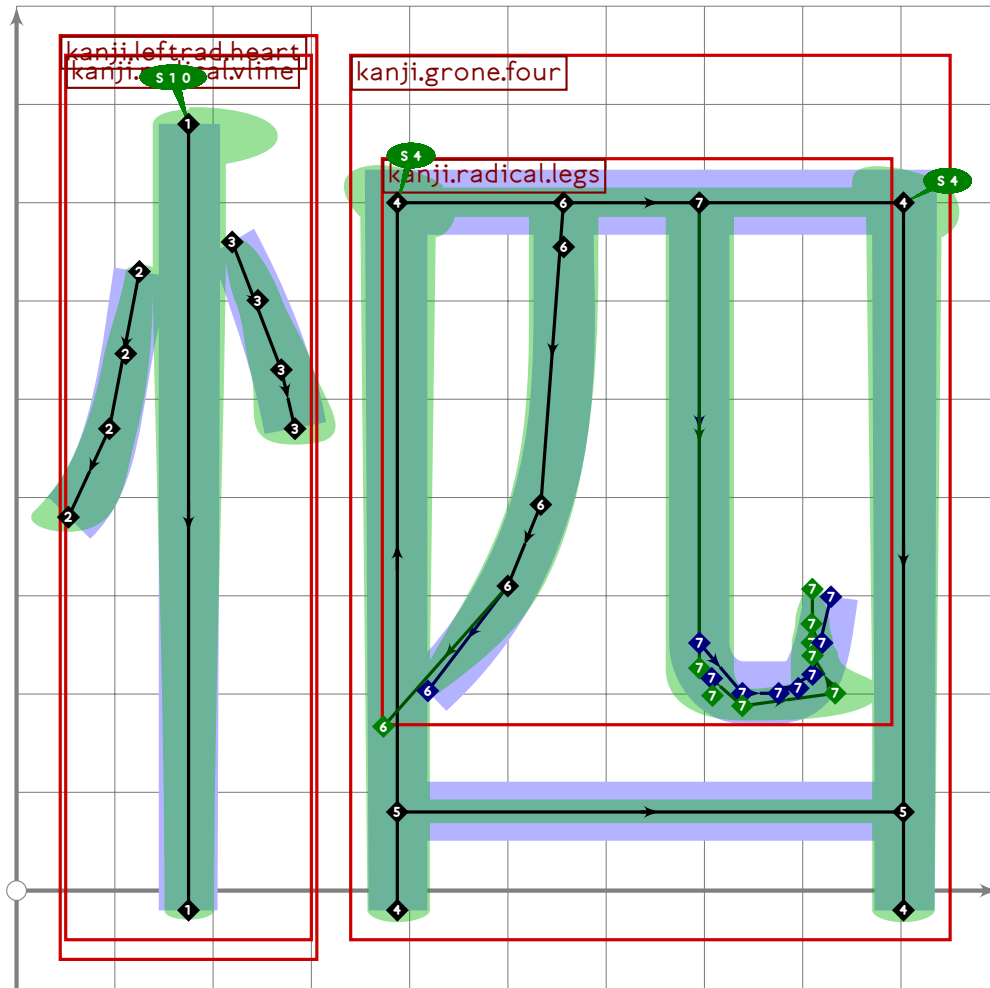


```

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

```

[see page 2198]

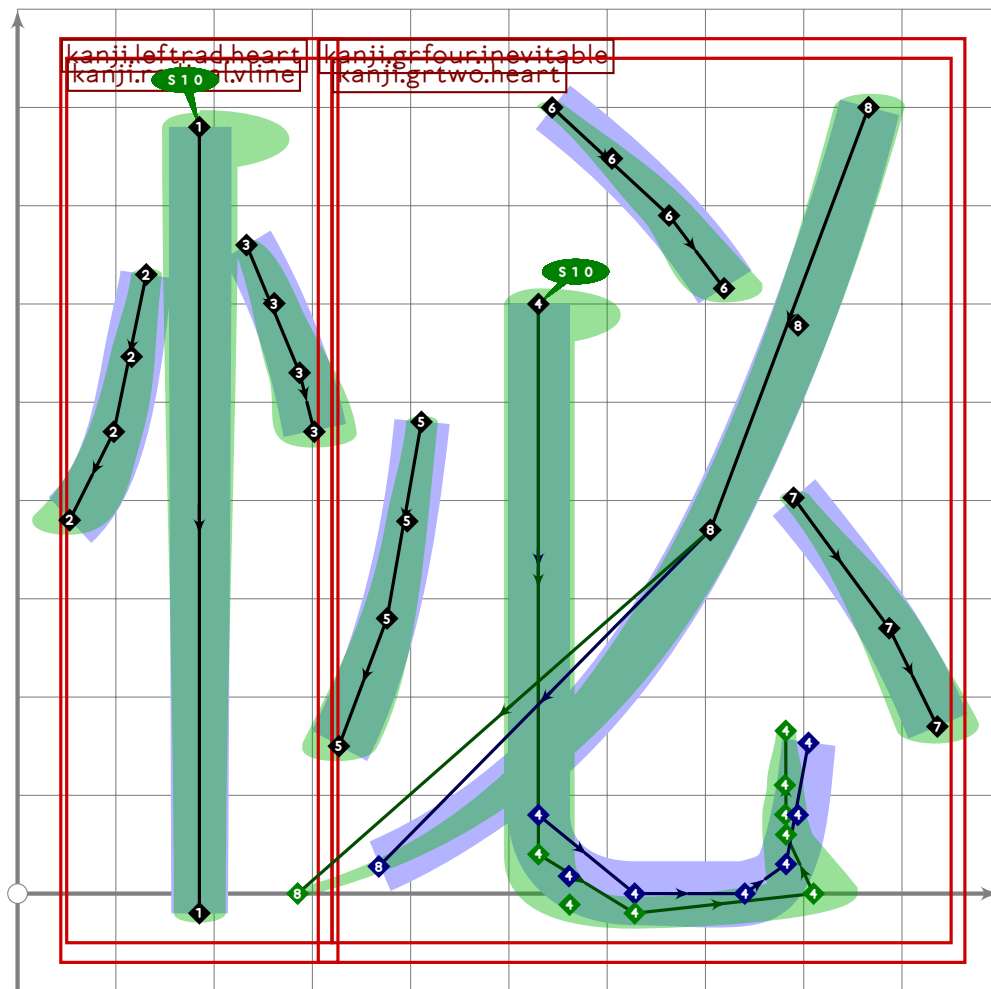


```

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

```

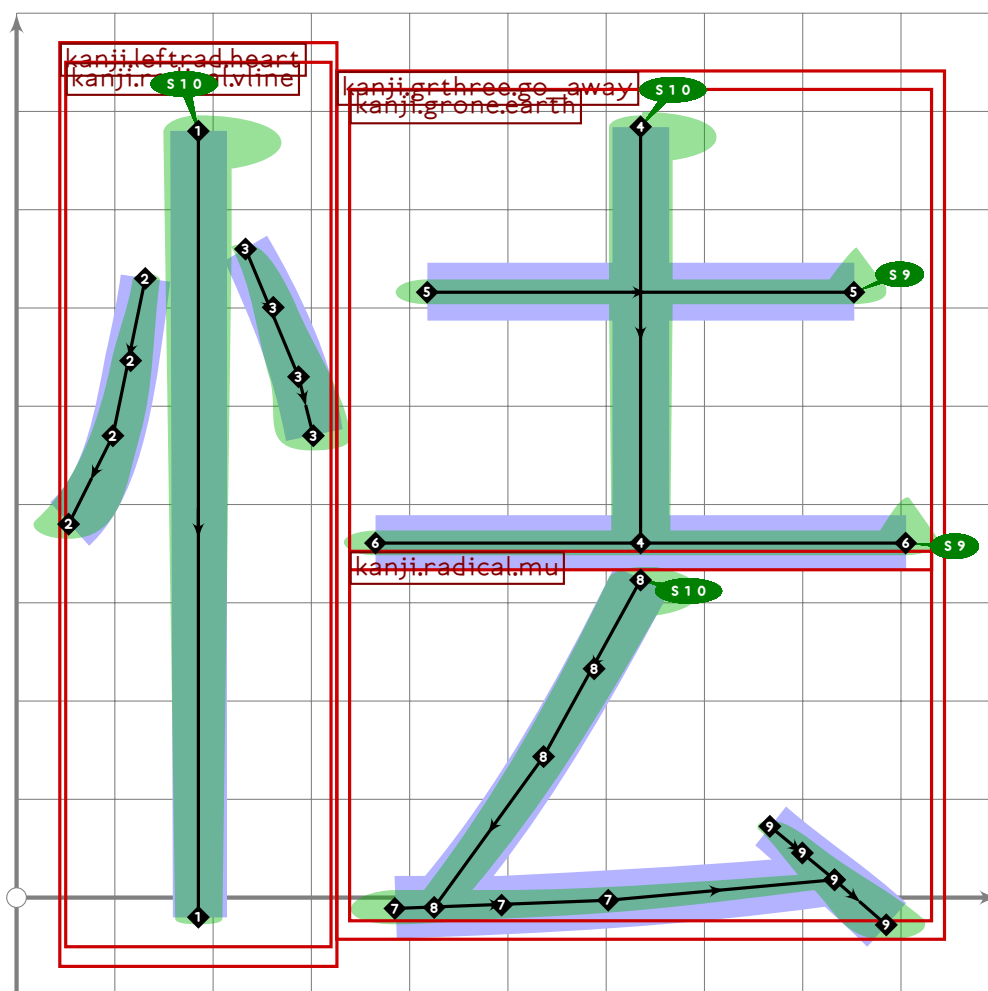
U+602D
tsuku.uni602D



```

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

```

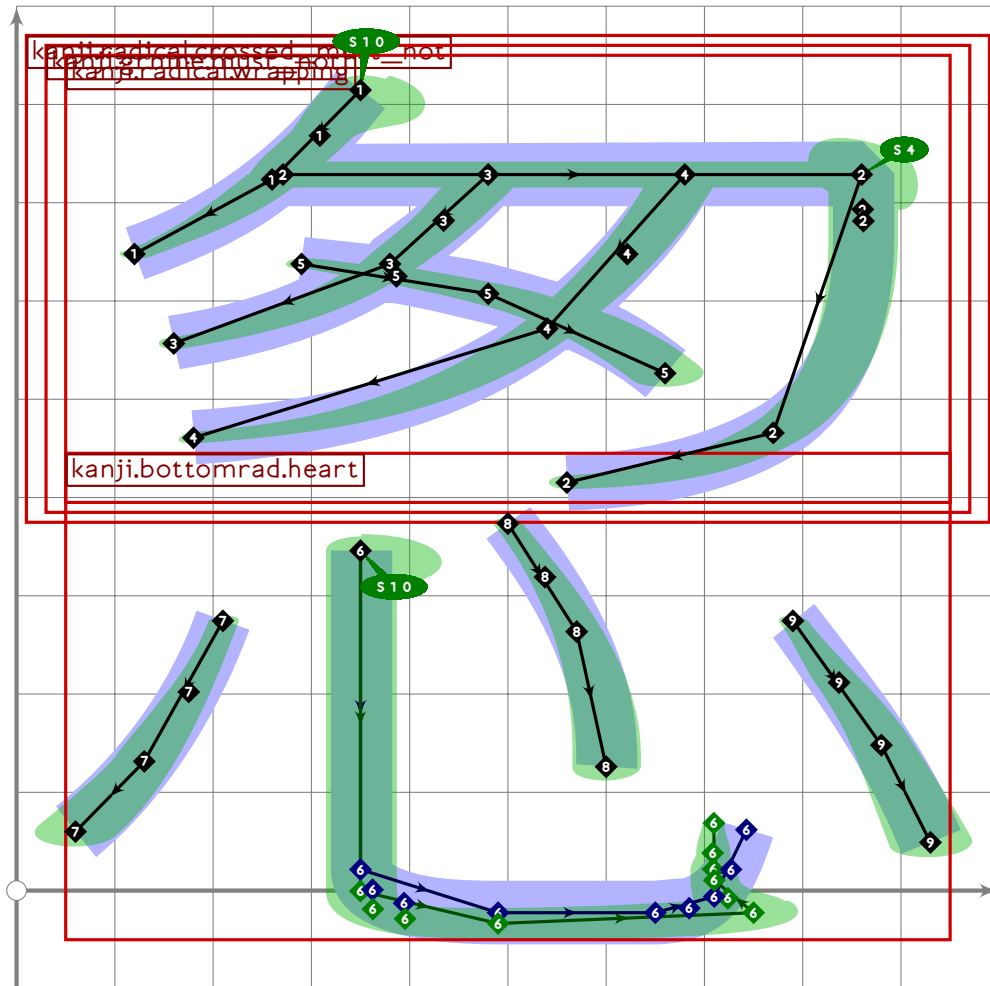


```

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

```

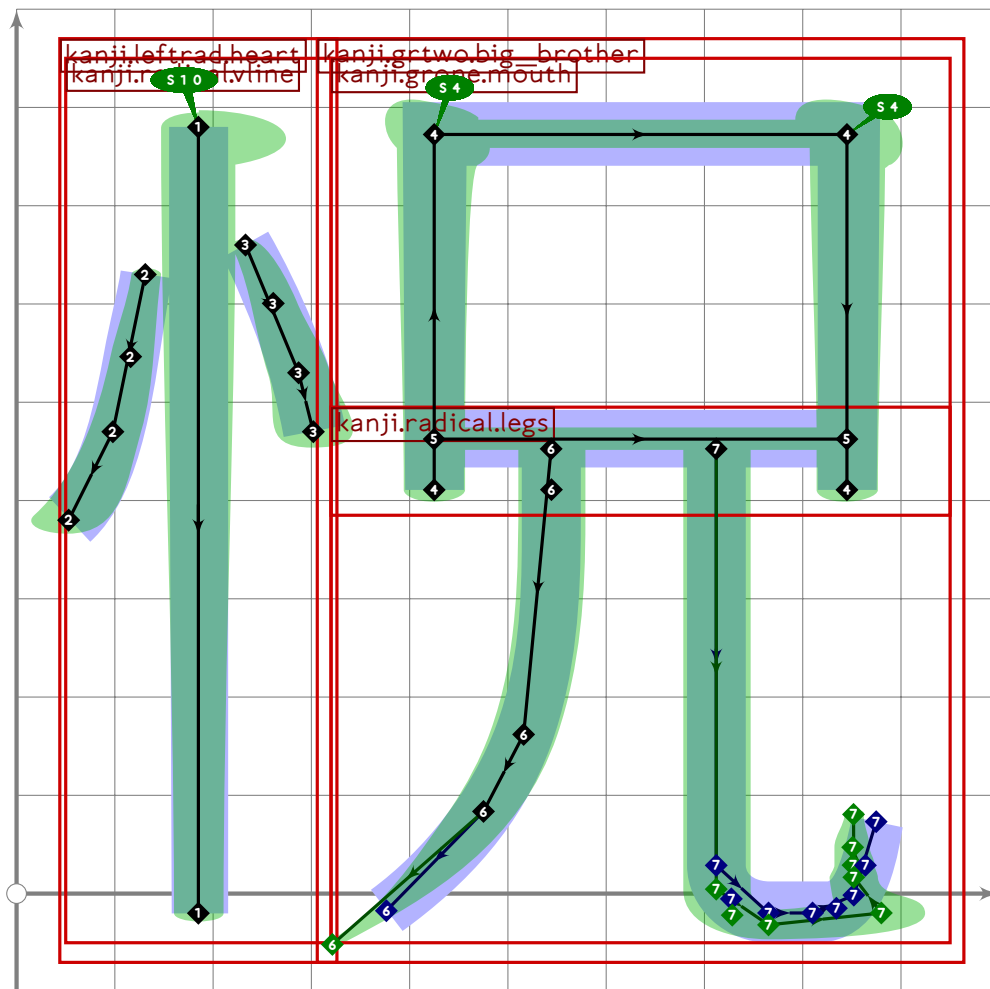
U+6031
tsuku.uni6031



```

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

```

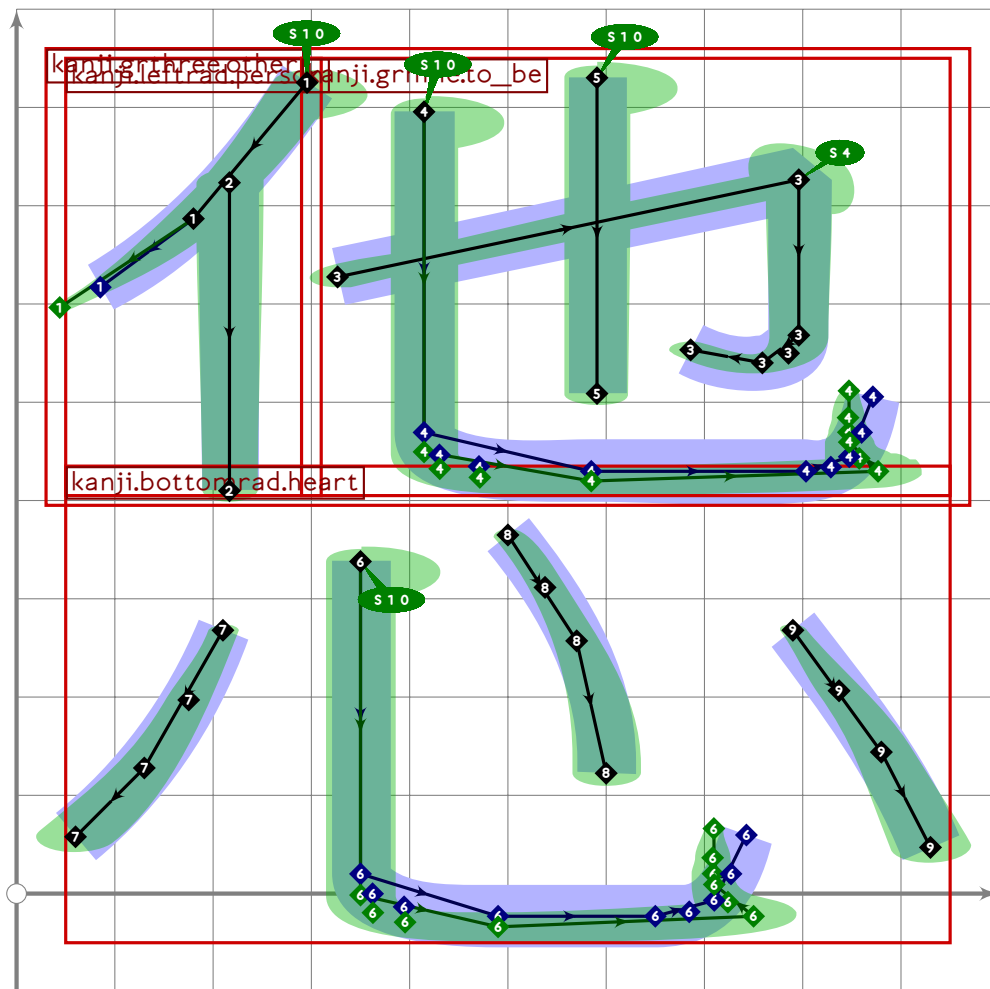


```

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

```

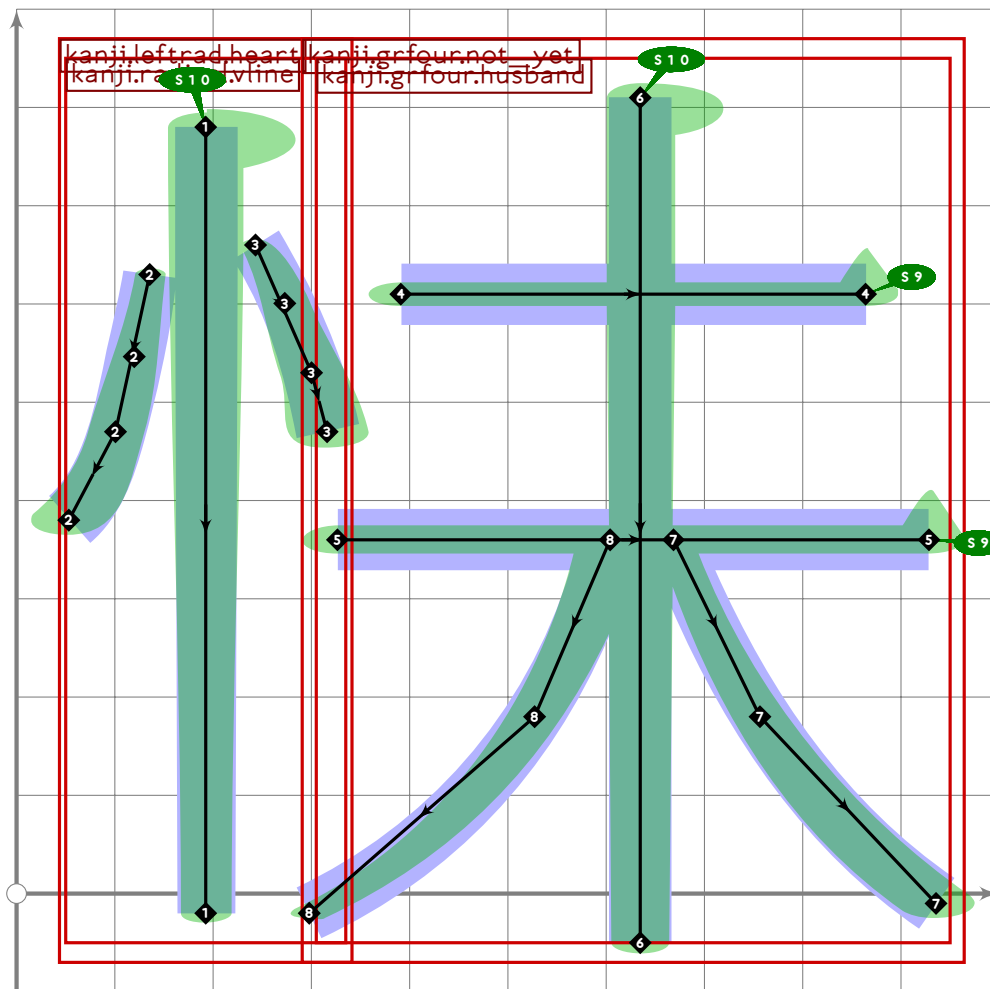
U+6039
tsuku.uni6039



```

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

```

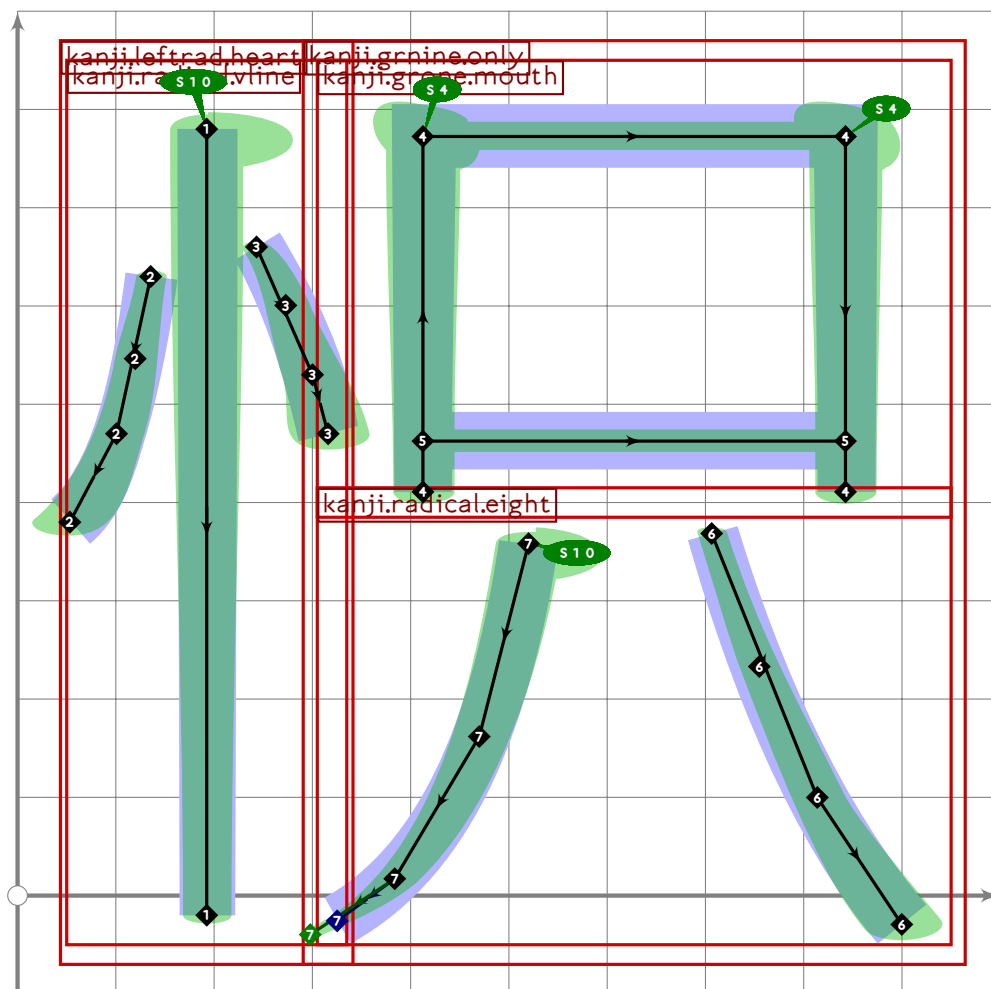



```

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

```

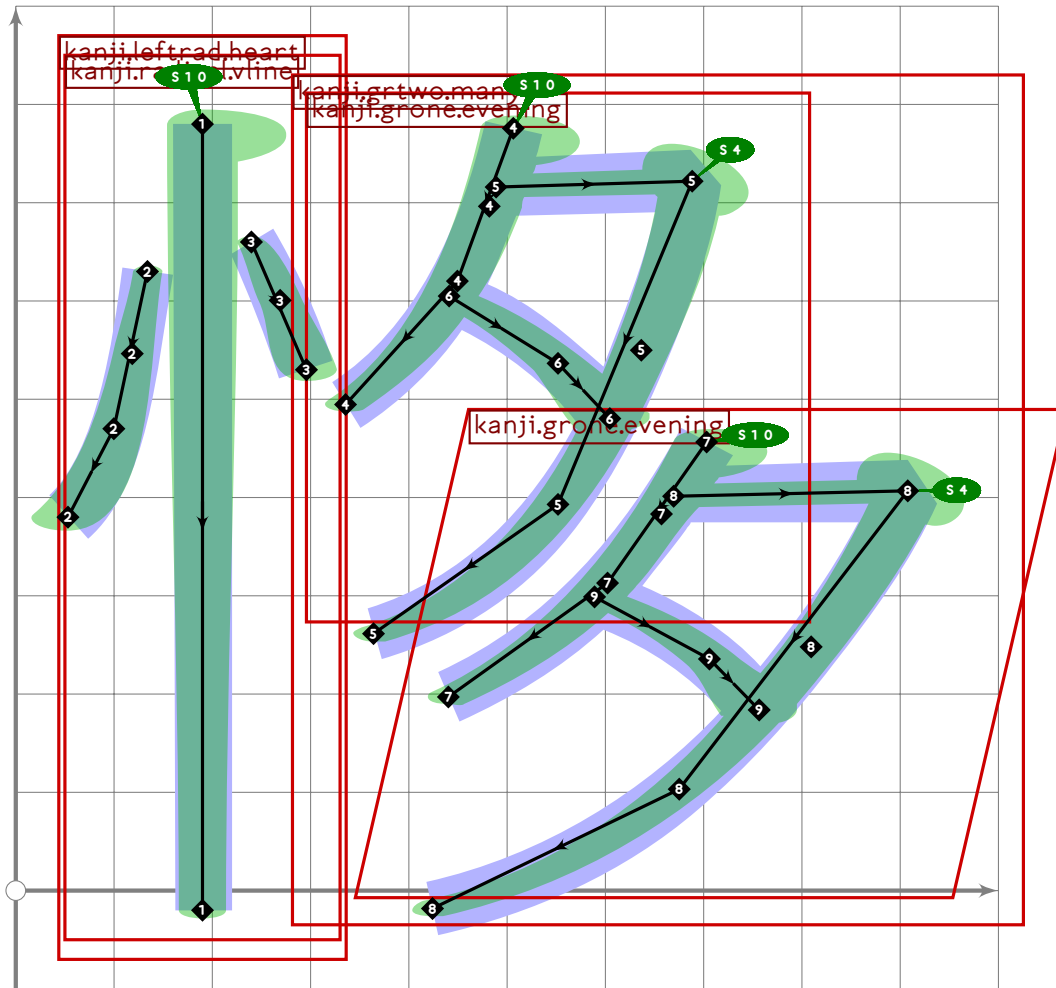
U+603E
tsuku.uni603E



```

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

```

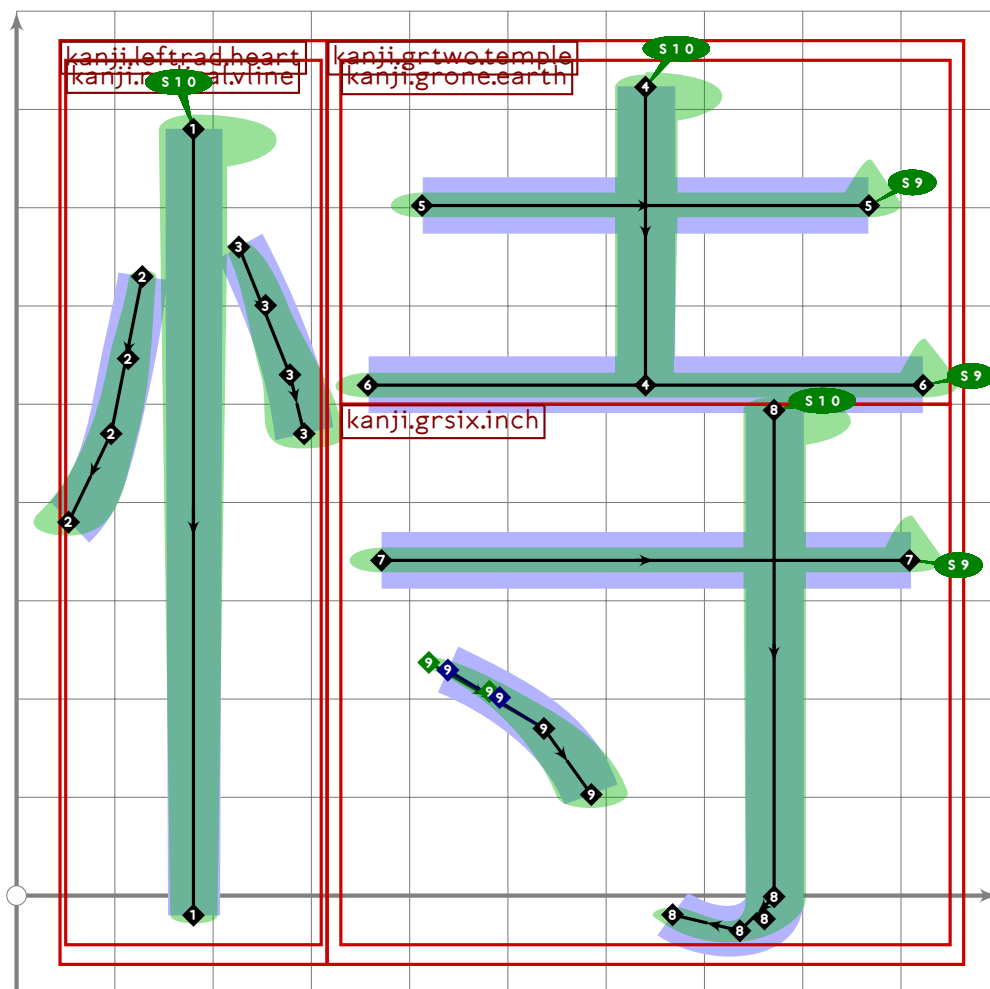


```

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

```

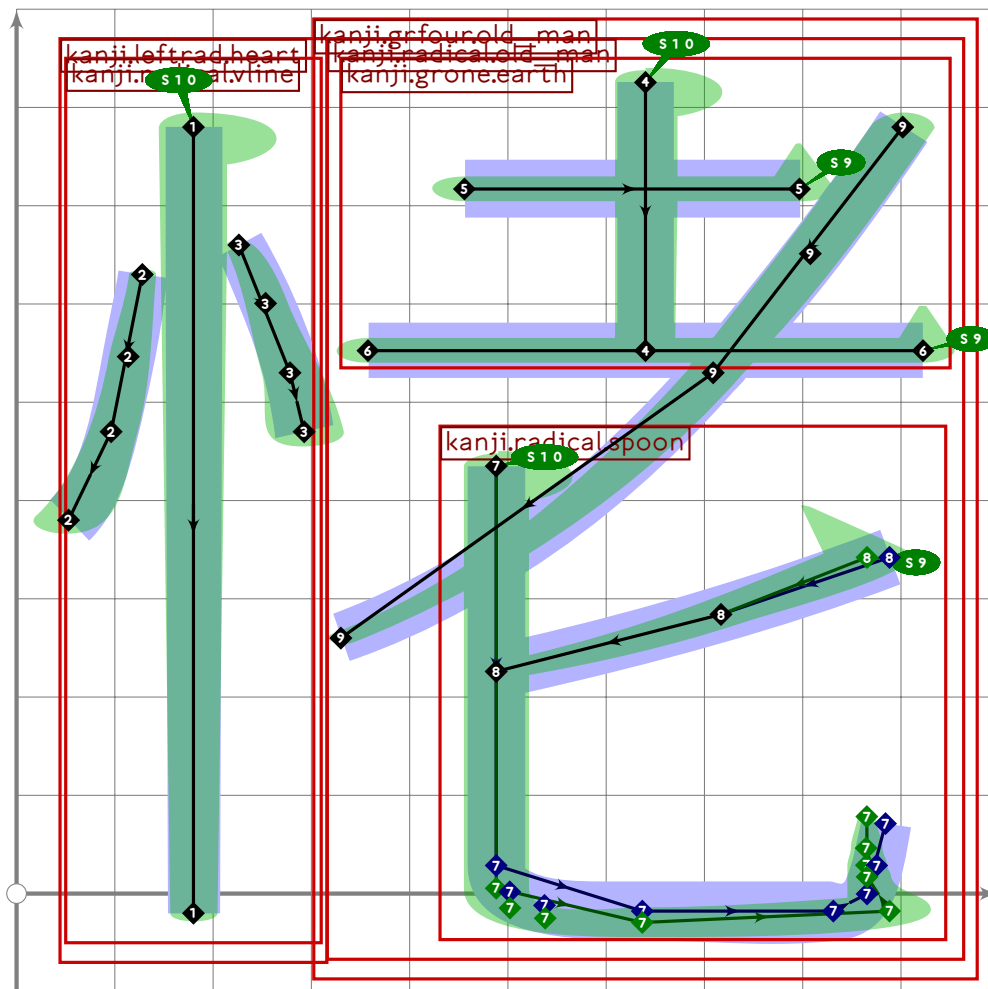
U+6043
tsuku.uni6043



```

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

```

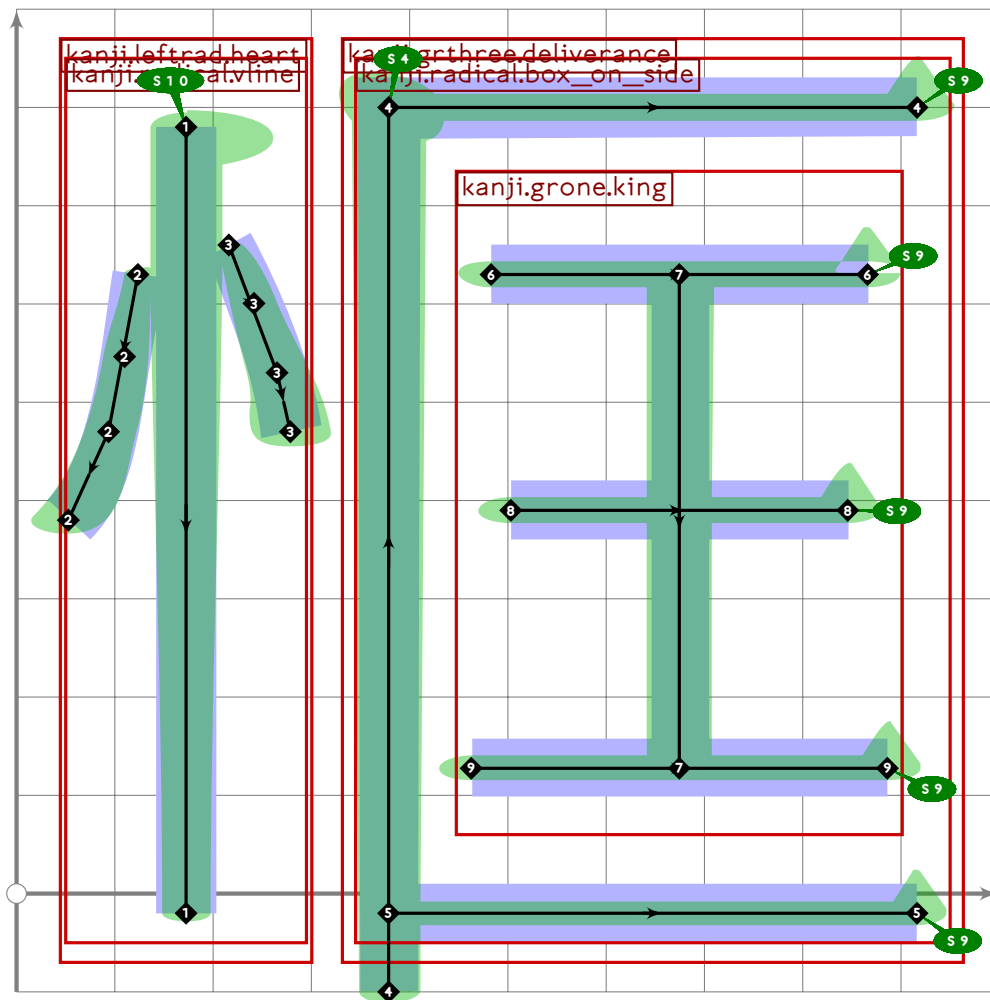


```

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

```

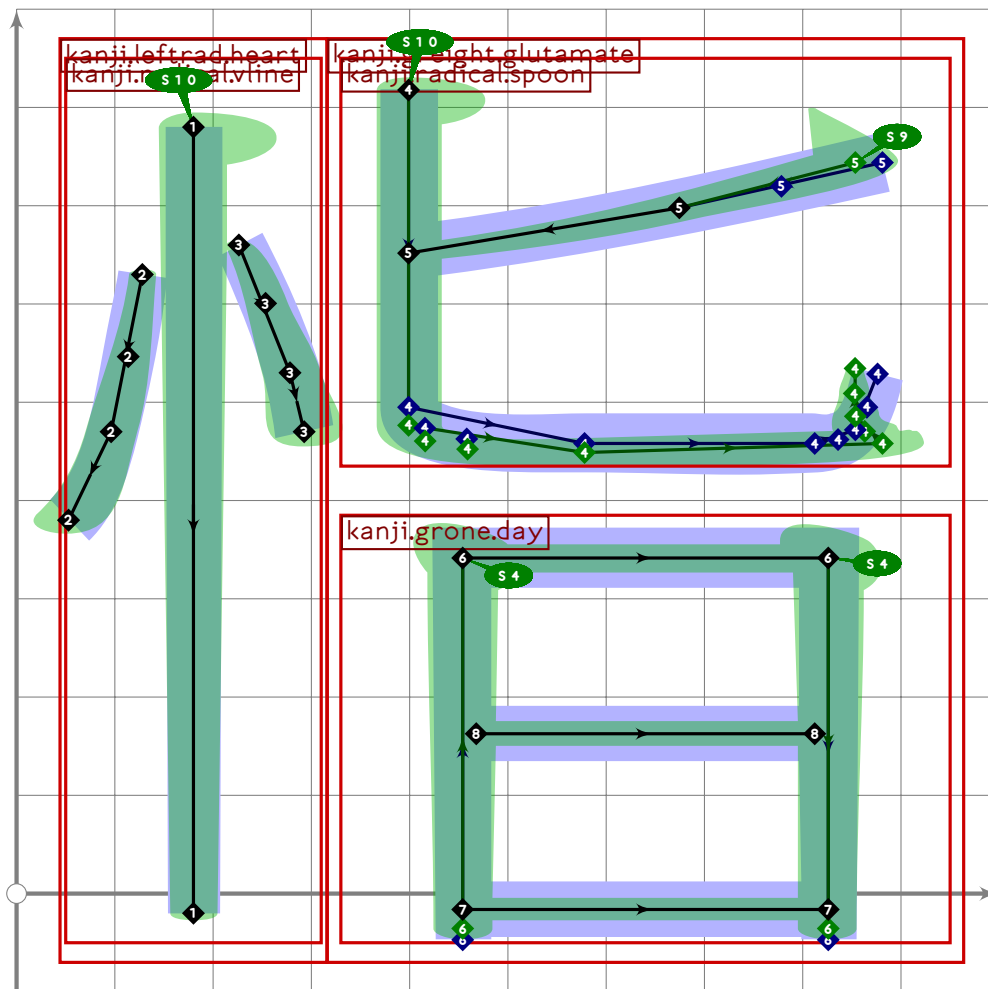
U+6047
tsuku.uni6047



```

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

```

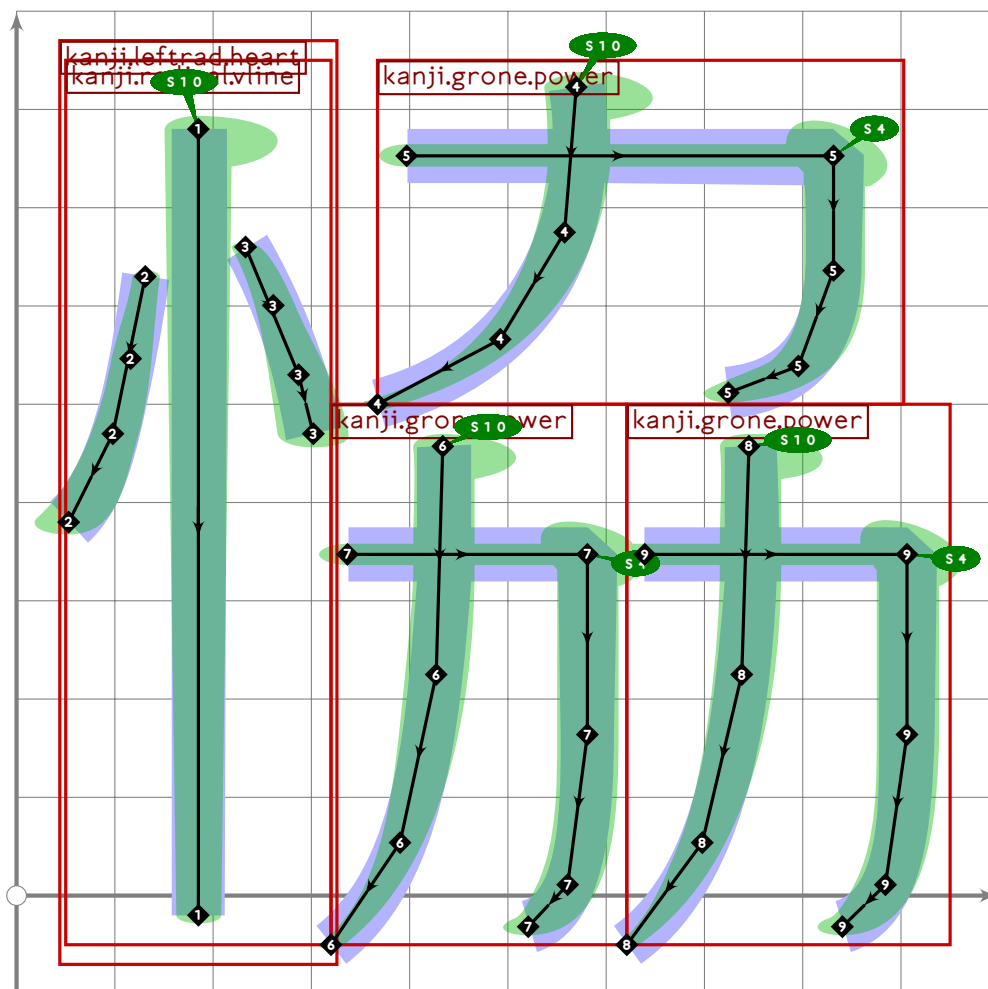


```

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

```

U+604A
tsuku.uni604A

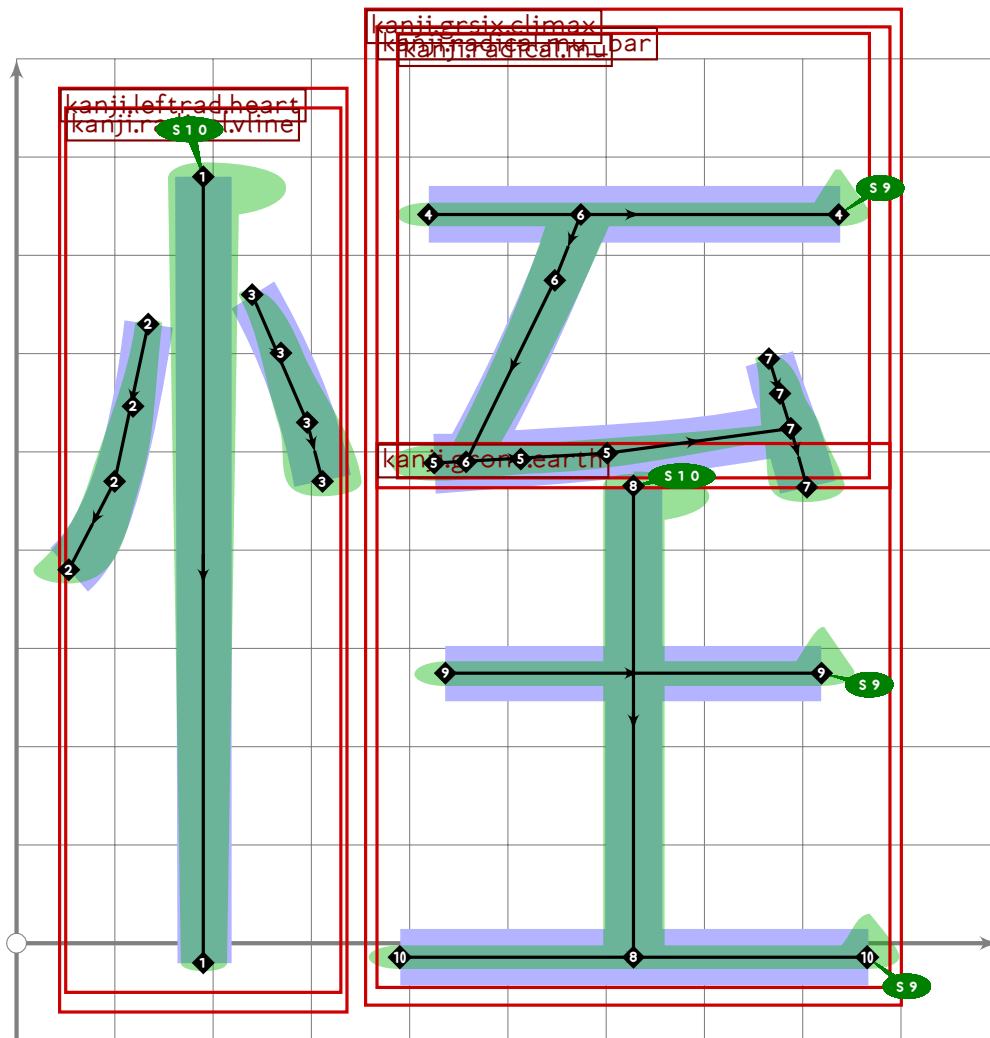


```

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

```

[see page 2196]

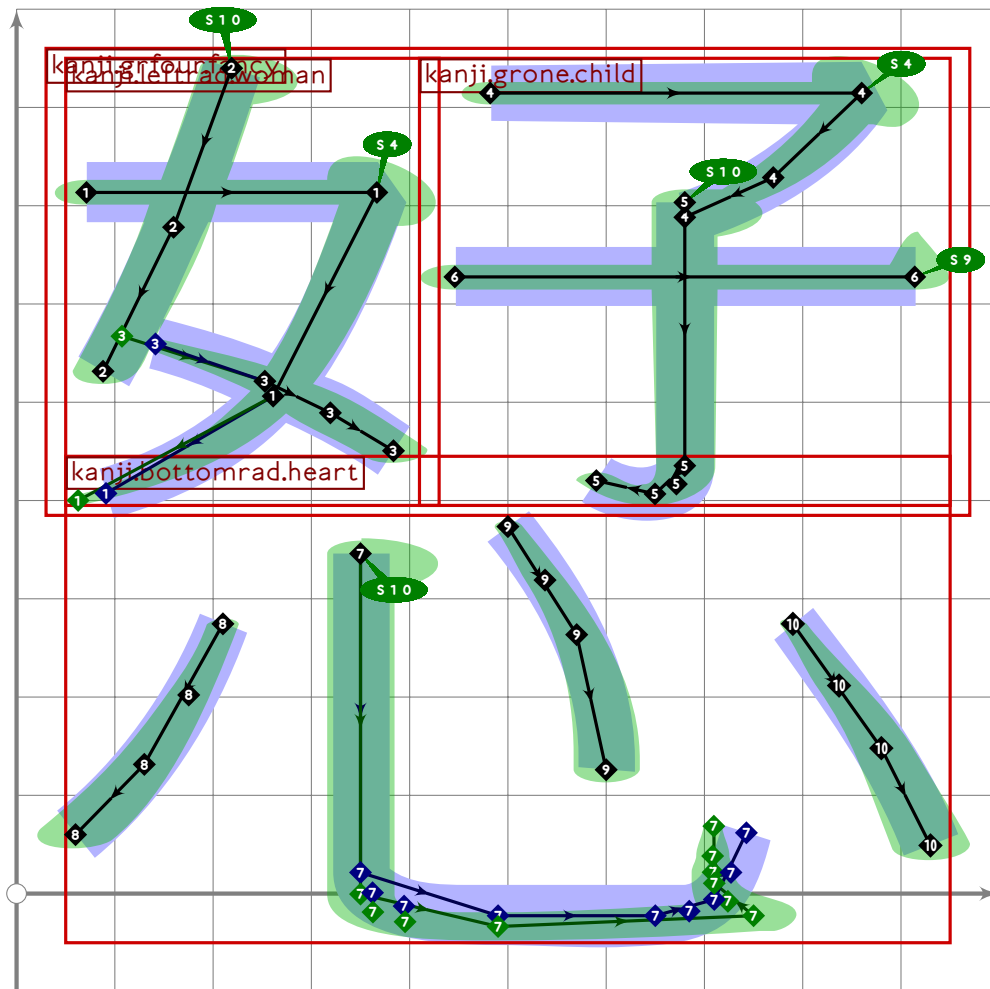


```

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

```

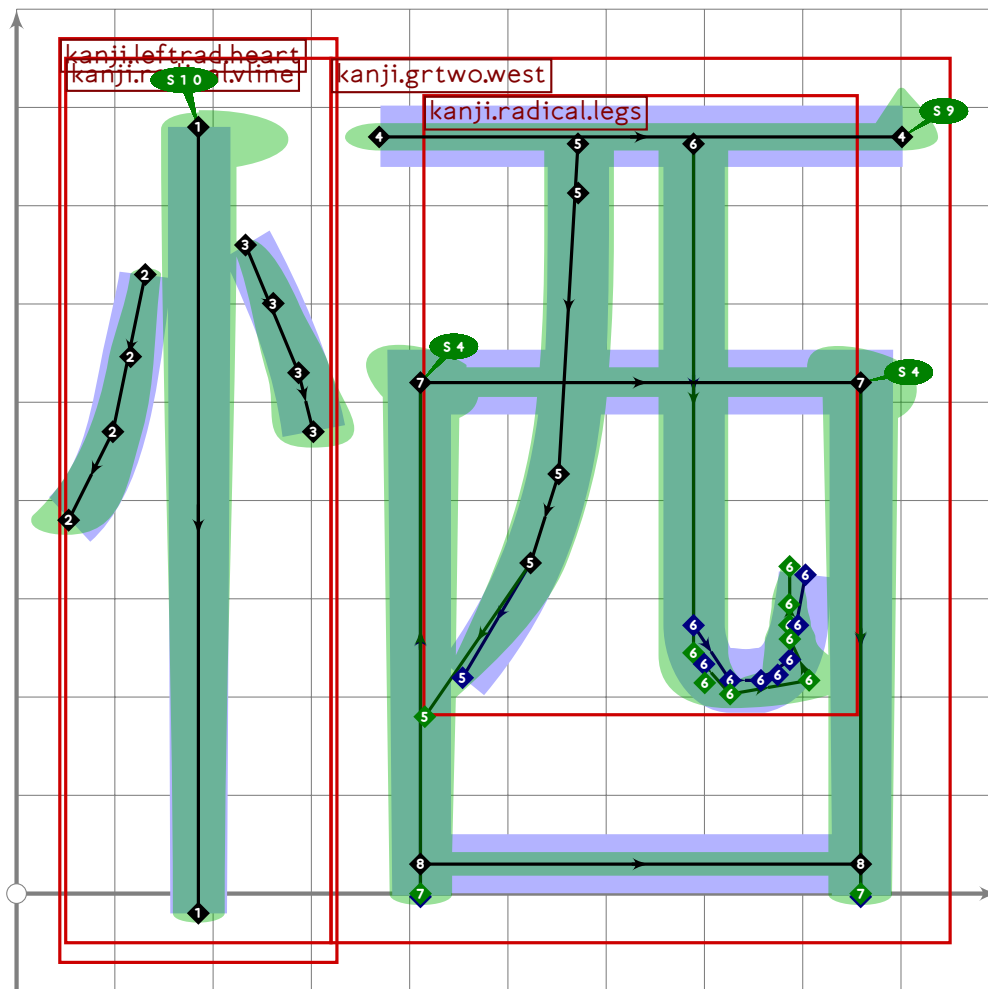
U+604F
tsuku.uni604F



```

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

```



```

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

```

[see page 2188]

[see page 2190]

```

503 begintsuglyph("uni60B2",178); [see page 2192]
504   kanji.grthree.sad;
505   tsu_render;
506 endtsuglyph;
507
508 % jou/nasa "feelings"
509 begintsuglyph("uni60C5",197); [see page 2193]
510   kanji.grfive.feelings;
511   tsu_render;
512 endtsuglyph;
513
514 % sou/omo "concept"
515 begintsuglyph("uni60F3",243); [see page 2189]
516   kanji.grthree.concept;
517   tsu_render;
518 endtsuglyph;
519
520 

---


521
522 endfont;
523
524 

---



```

tsuku-61.mp

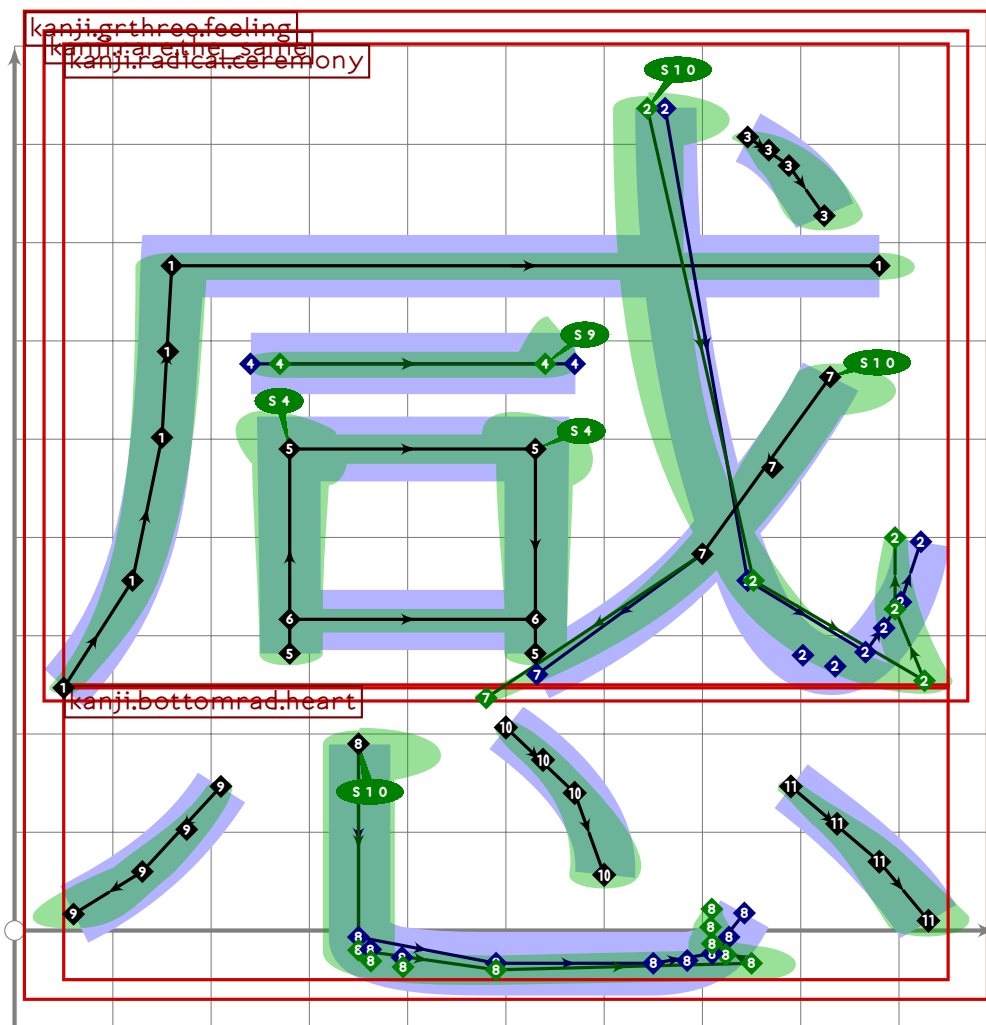
```
1 %
2 % Unicode page 61 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

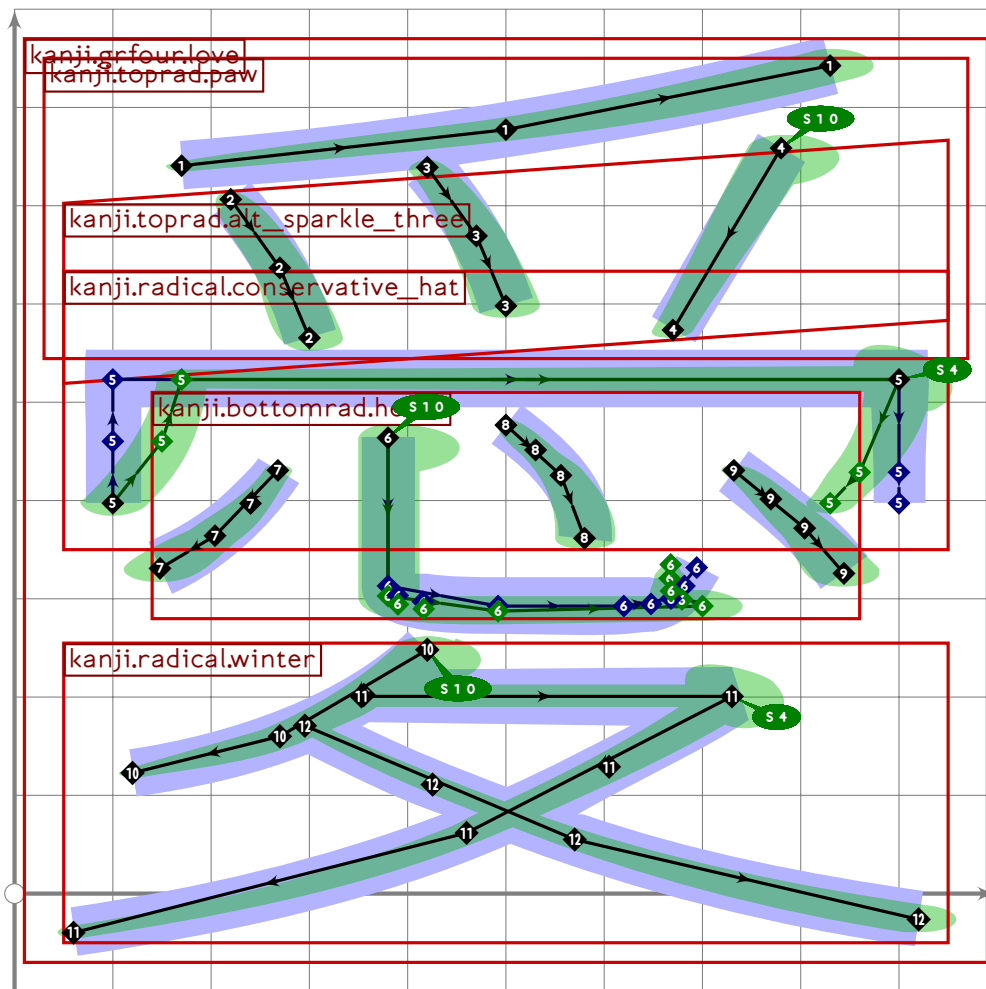

```



```

51
52 vardef kanji.grthree.feeling =
53   push_pbox_toexpand("kanji.grthree.feeling");
54   build_kanji.level(build_kanji.tb(250,0)
55     (kanji.rare.the_same)
56     (kanji.bottomrad.heart));
57   expand_pbox;
58 enddef;
59
60

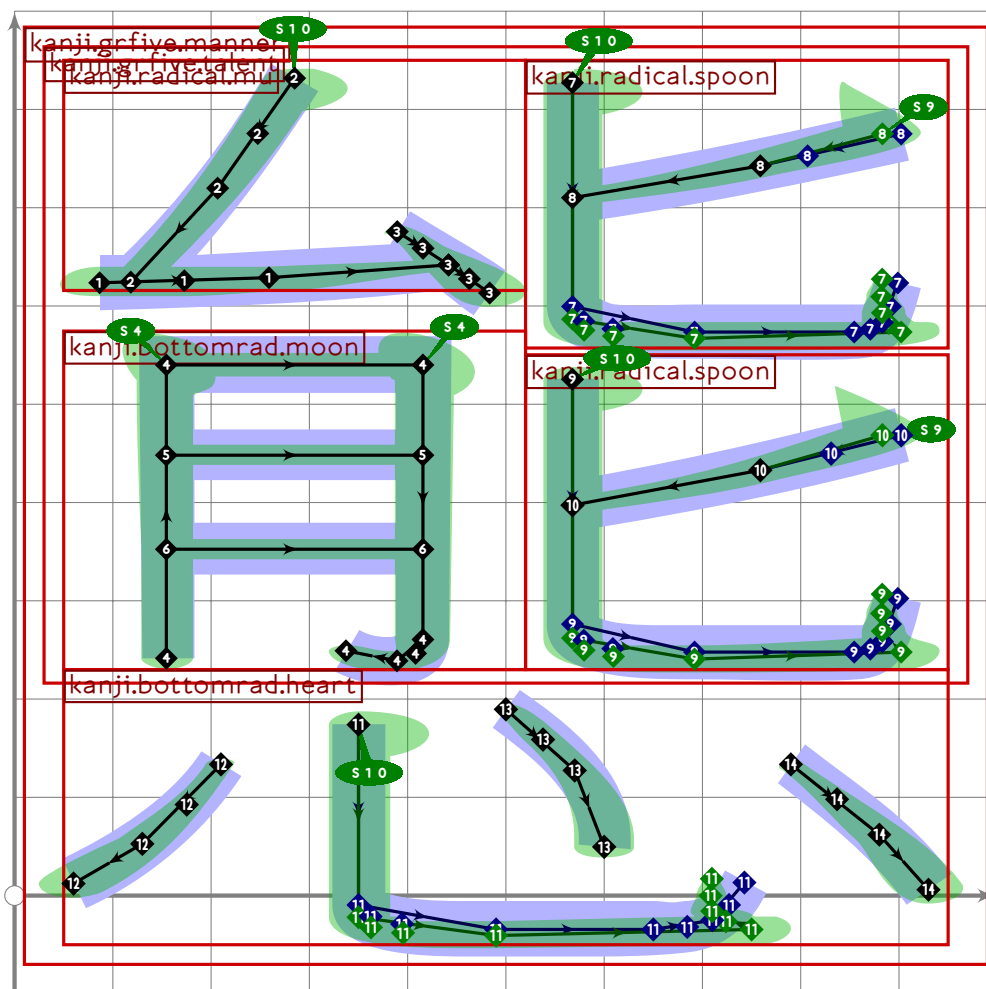
```



```

61
62 vardef kanji.grfour.love =
63   push_pbox_toexpand("kanji.grfour.love");
64   build_kanji.level(build_kanji.tb(430,160)
65     (build_kanji.tb(380,160)
66       (kanji.toprad.paw)
67       (kanji.radical.conservative_hat))
68     (build_kanji.tb(460,-40)
69       (build_kanji.sscale(xscaled 0.8)(kanji.bottomrad.heart))
70       (kanji.radical.winter)));
71   expand_pbox;
72 enddef;
73
74

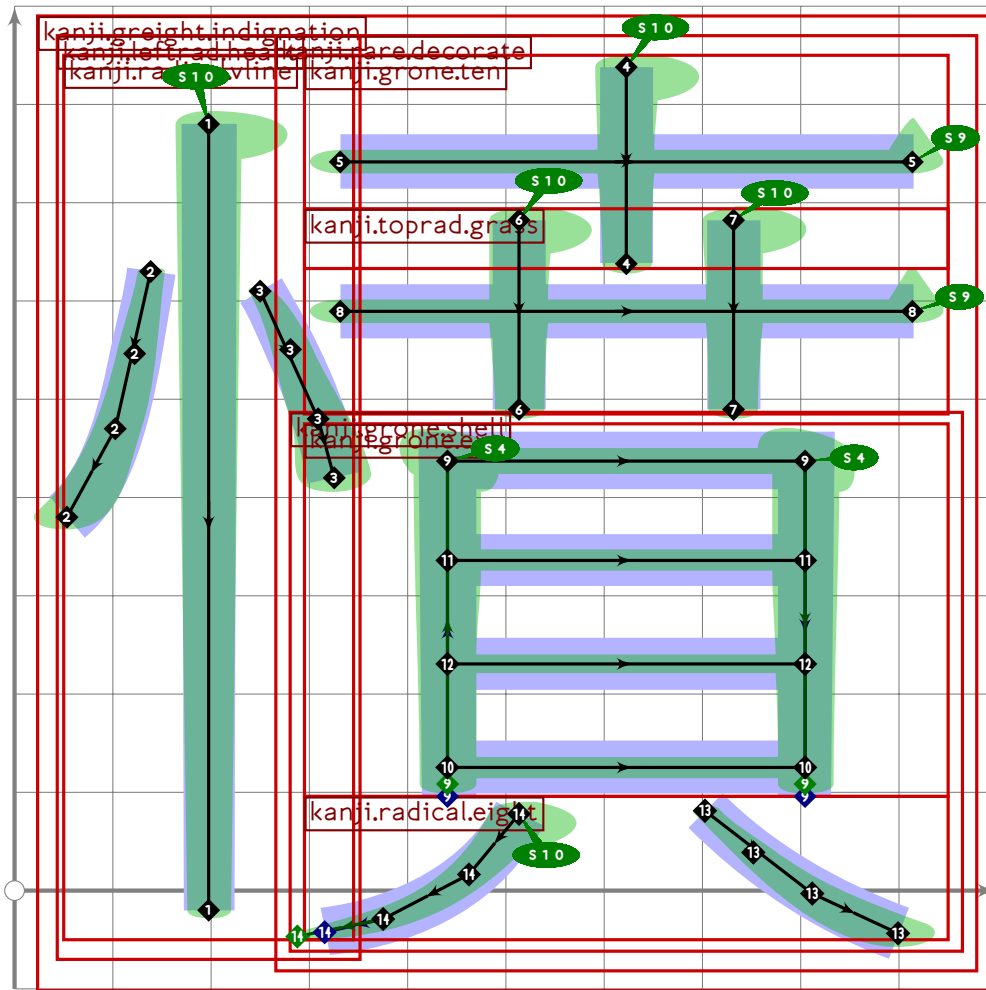
```



```

75
76 vardef kanji.grfive.manner =
77   push_pbox_toexpand("kanji.grfive.manner");
78   build_kanji.level(build_kanji.tb(230,0)
79     (kanji.grfive.talent)
80     (kanji.bottomrad.heart));
81   expand_pbox;
82 enddef;
83
84

```

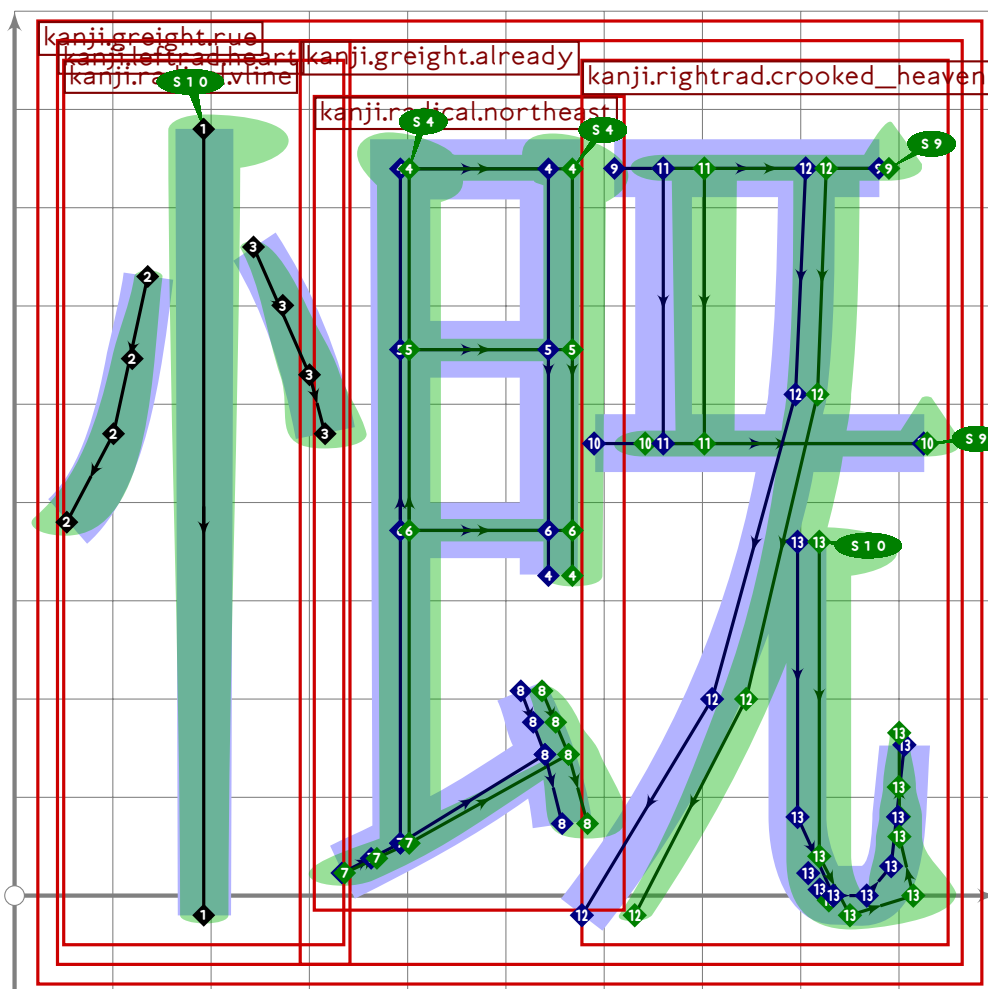



```

85
86 vardef kanji.greight.indignation =
87   push_pbox_toexpand("kanji.greight.indignation");
88   build_kanji.level(build_kanji.lr(320,50)
89     (kanji.left.trad.heart;
90       replace_strokep(0)(oldp shifted (0,-50)))
91     (kanji.rare.decorate));
92   expand_pbox;
93 enddef;

```

U+6168
tsuku.uni6168

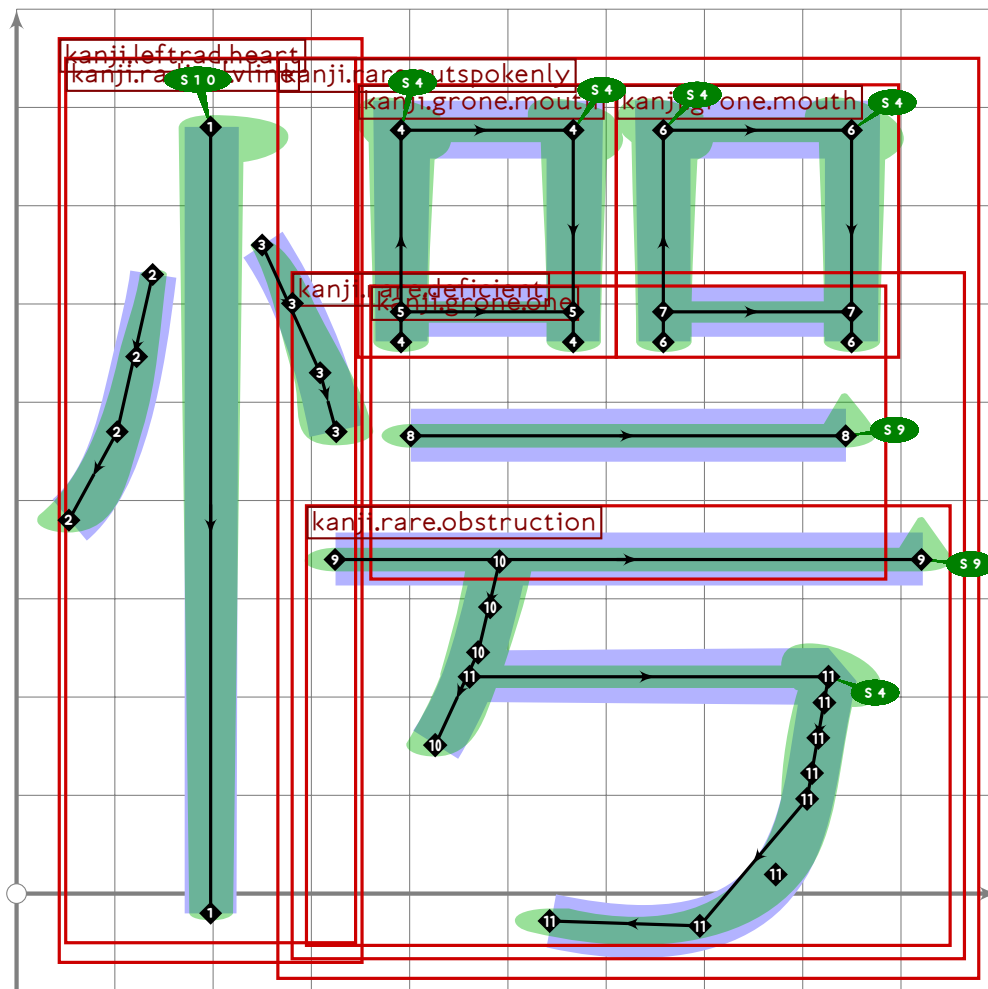


```

94
95 vardef kanji.greight.rue =
96   push_pbox_toexpand("kanji.greight.rue");
97   build_kanji.level(build_kanji.lr(320,30)
98     (kanji.leftrad.heart)
99     (kanji.greight.already));
100   expand_pbox;
101 enddef;
102
103
104
105 % i/moto "intention"
106 begintsuglyph("uni610F",15);
107   kanji.grthree.intention;
108   tsu_render;
109 endtsuglyph;
110

```

[see page 580]



```

111 % gaku/odoro "surprised"
112 begintsuglyph("uni6115";21);
113   build_kanji.level(build_kanji.lr(320,50)
114     (kanji.leftrad.heart)
115     (kanji.rare.outspokenly));
116   tsu_render;
117 endtsuglyph;
118
119 % ai/ito "romantic love"
120 begintsuglyph("uni611B";27);
121   kanji.grfour.love;
122   tsu_render;
123 endtsuglyph;
124
125 % kan "feeling"
126 begintsuglyph("uni611F";31);
127   kanji.grthree.feeling;
128   tsu_render;
129 endtsuglyph;
130
131 % tai/waza "manner"

```

[see page 2237]

[see page 2236]

132	begintsuglyph("uni614B",75);	[see page 2238]
133	kanji.grfive.manner;	
134	tsu_render;	
135	endtsuglyph;	
136		
137	% gai "rue"	
138	begintsuglyph("uni6168",104);	[see page 2240]
139	kanji.greight.rue;	
140	tsu_render;	
141	endtsuglyph;	
142		
143	% yuu/ure "melancholy"	
144	begintsuglyph("uni6182",130);	[see page 759]
145	kanji.greight.melancholy;	
146	tsu_render;	
147	endtsuglyph;	
148		
149	% fun/ikidoo "indignation"	
150	begintsuglyph("uni61A4",164);	[see page 2239]
151	kanji.greight.indignation;	
152	tsu_render;	
153	endtsuglyph;	
154		
155	_____	
156		
157	endfont;	
158		
159	_____	