

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 VII

U+6200 to U+75FF

tsuku-62.mp **62**

tsuku-63.mp **63**

tsuku-65.mp **65**

tsuku-66.mp **66**

tsuku-67.mp **67**

tsuku-68.mp **68**

tsuku-69.mp **69**

tsuku-6a.mp **6A**

tsuku-6b.mp **6B**

tsuku-6c.mp **6C**

tsuku-6d.mp **6D**

tsuku-6e.mp **6E**

tsuku-6f.mp **6F**

tsuku-70.mp **70**

tsuku-71.mp **71**

tsuku-72.mp **72**

tsuku-73.mp **73**

tsuku-74.mp **74**

tsuku-75.mp **75**

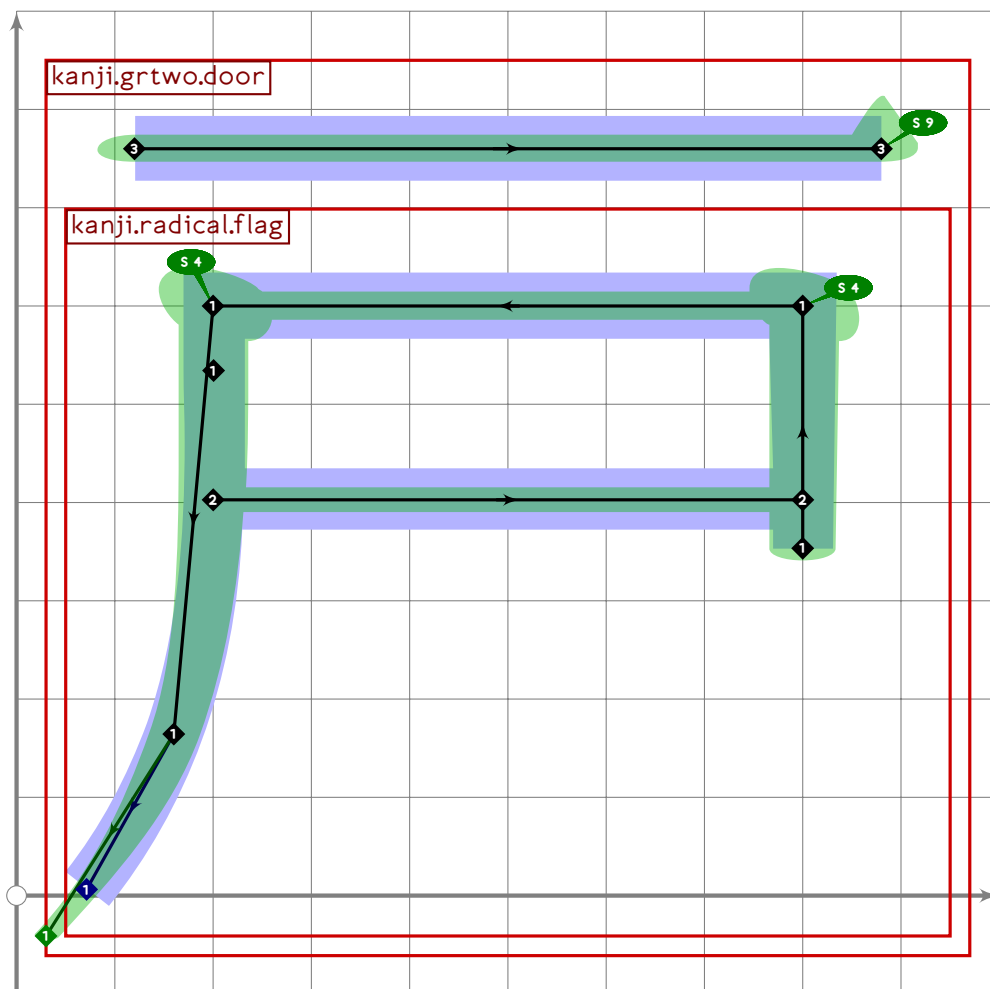

```
1 %
2 % Unicode page 62 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 gradesix.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51 

---

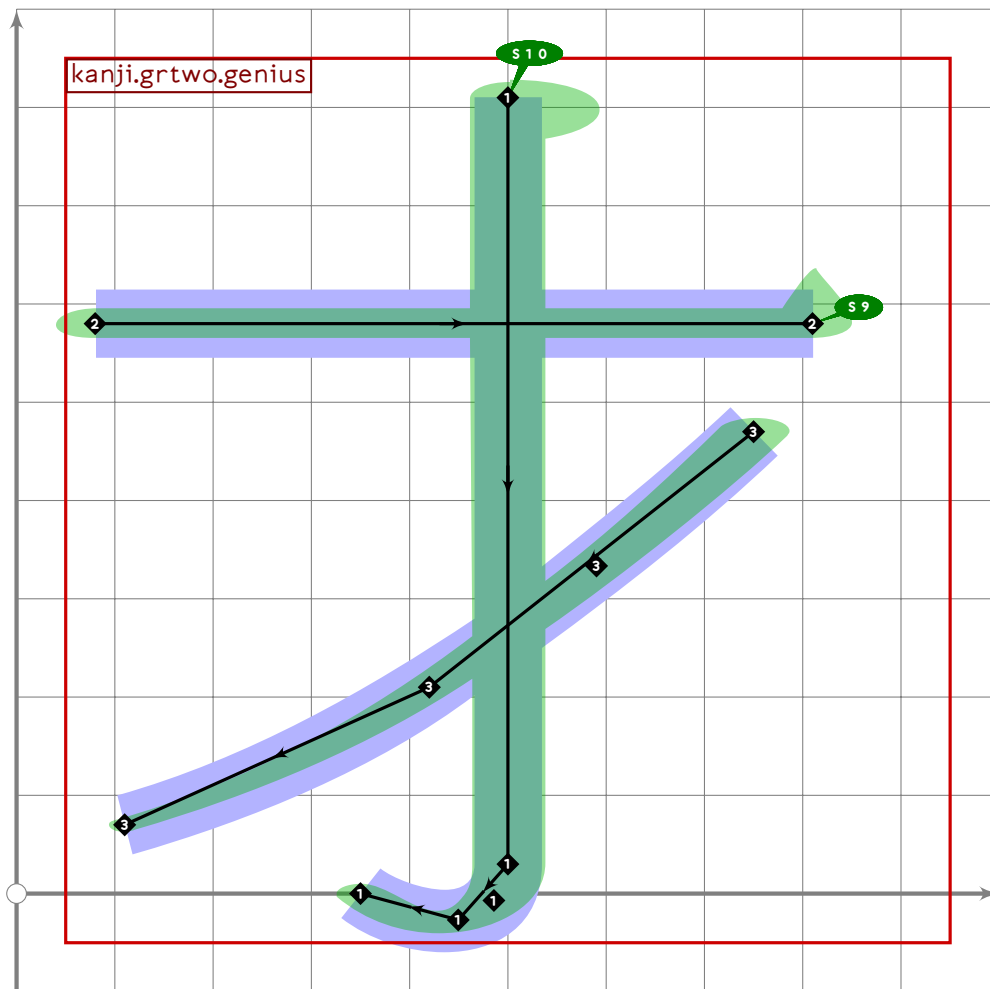

```



```

52
53 vardef kanji.grtwo.door =
54   push_pbox__toexpand("kanji.grtwo.door");
55   tsu_xform(identity yscaled (600/730))(kanji.radical.flag);
56   push_stroke((120,760)-(880,760),(1.6,1.6));
57   set_boserif(0,1,9);
58   set_bosize(0,95);
59   expand_pbox;
60 enddef;

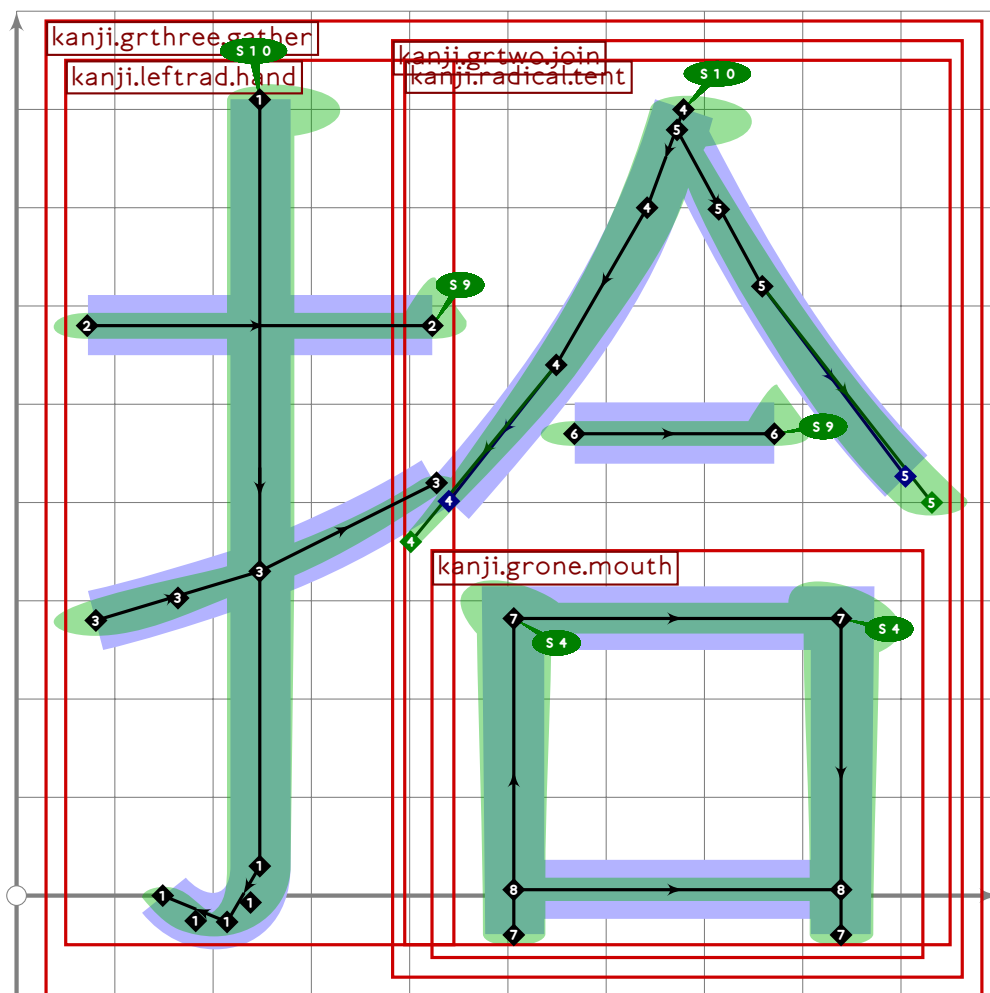
```

```

61
62 vardef kanji.grtwo.genius =
63   push_pbox_toexpand("kanji.grtwo.genius");
64   push_stroke((500,810),(1.6,1.6));
65   build_kanji.add_jtail(0);
66   set_boserif(0,0,10);
67   push_stroke((80,580)-(810,580),(1.6,1.6)-(1.6,1.6));
68   set_boserif(0,1,9);
69   push_stroke((750,470)..tension 1.2..(420,210)..(110,70),
70     (1.5,1.5)-(1.2,1.2)-(1,1));
71   expand_pbox;
72 enddef;
73
74

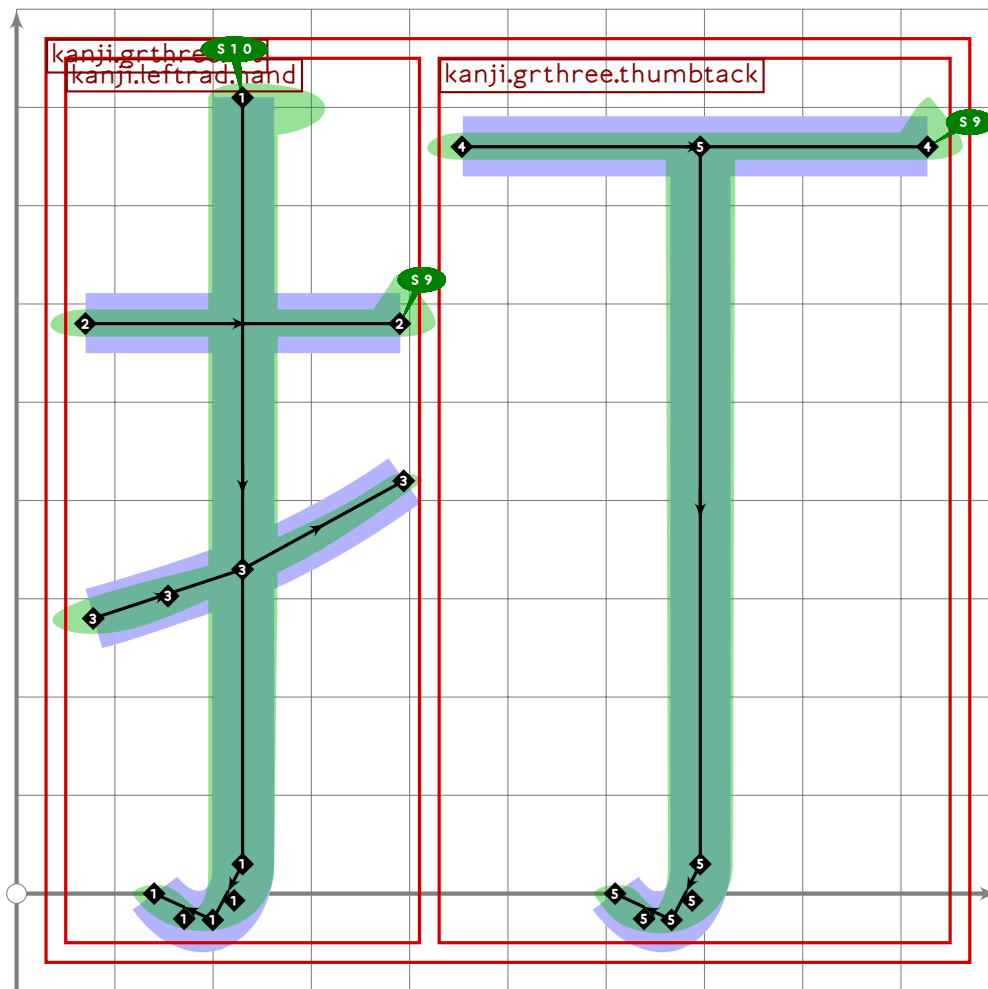
```



```

75
76 vardef kanji.grthree.gather =
77   push_pbox_toexpand("kanji.grthree.gather");
78   build_kanji.level(build_kanji.lr(420,50)
79     (kanji.leftrad.hand)
80     (kanji.grtwo.join));
81   expand_pbox;
82 enddef;

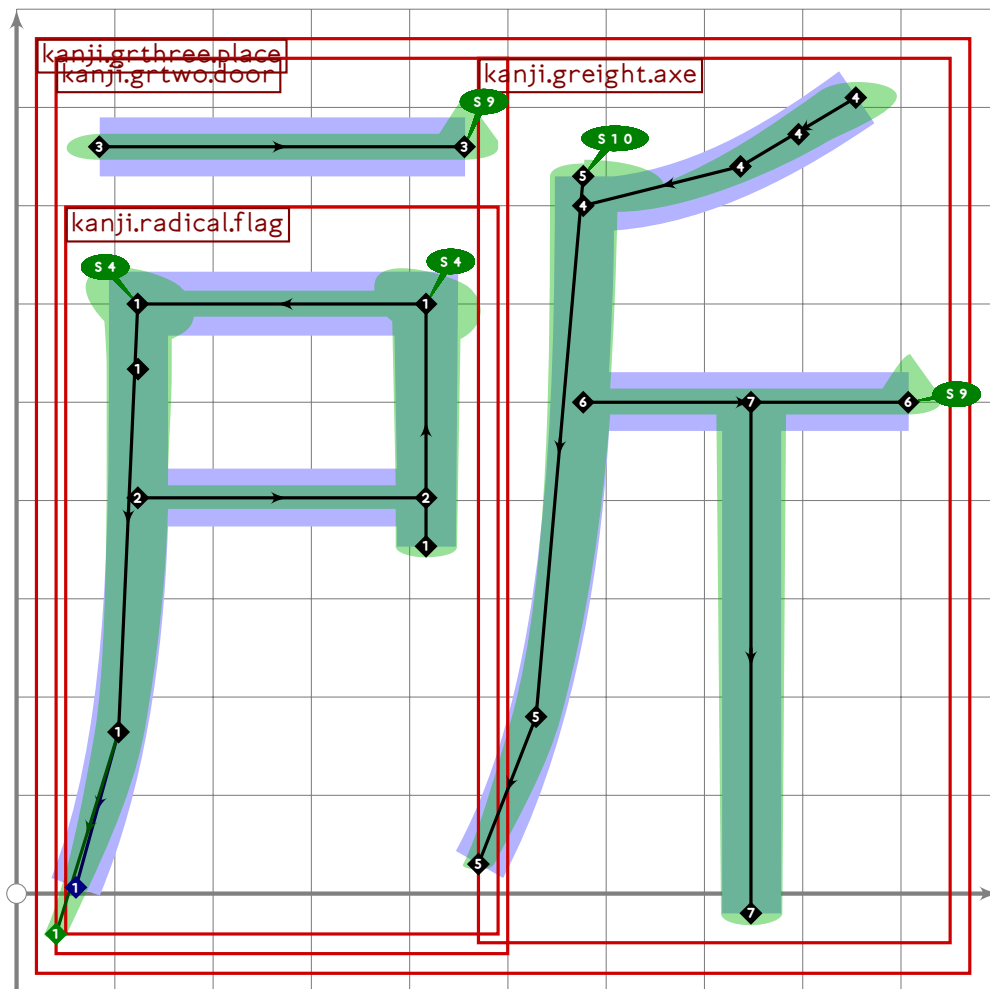
```



```

83
84 vardef kanji.grthree.hit =
85   push_pbox_toexpand("kanji.grthree.hit");
86   build_kanji.level(build_kanji.lr(420,20)
87     (kanji.leftrad.hand)
88     (kanji.grthree.thumbtack));
89   expand_pbox;
90 enddef;

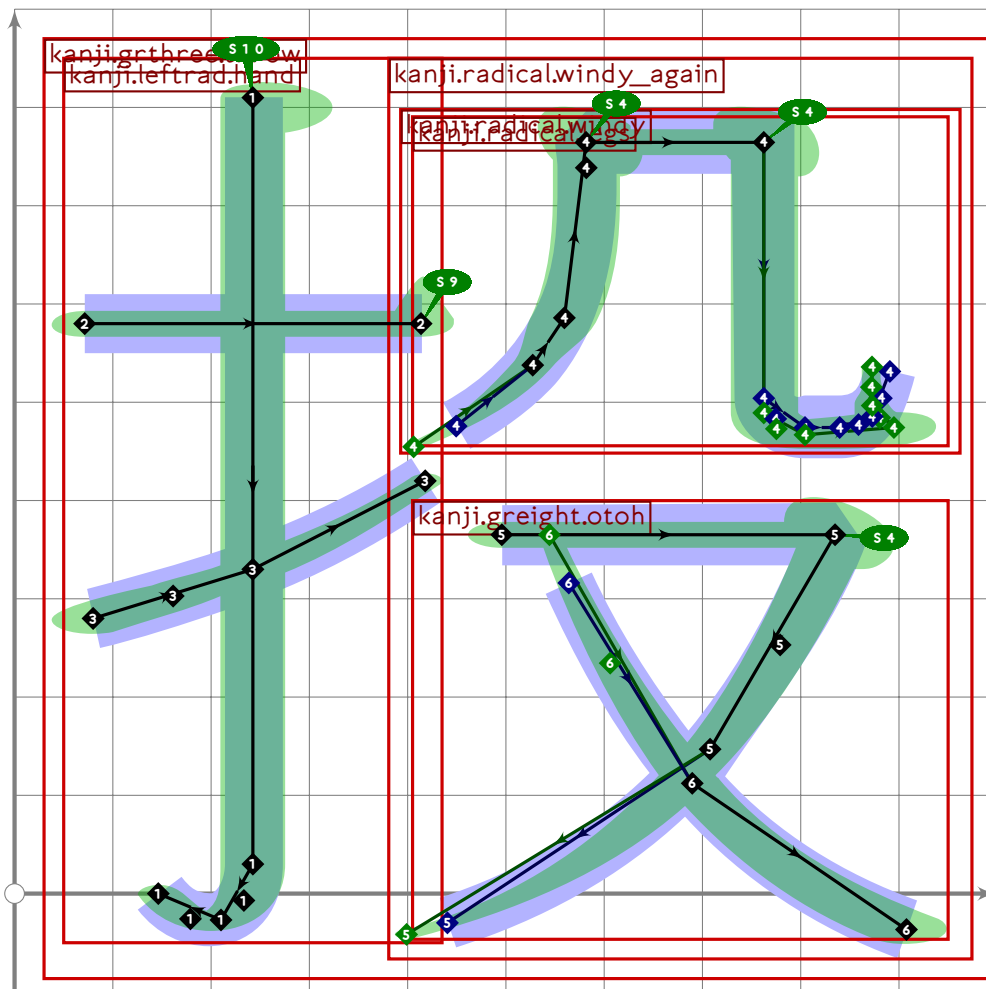
```



```

91
92 vardef kanji.grthree.place =
93   push_pbox_toexpand("kanji.grthree.place");
94   build_kanji.level(build_kanji.lr(480,20)
95     (kanji.grtwo.door)
96     (kanji.greight.axe));
97   expand_pbox;
98 enddef;

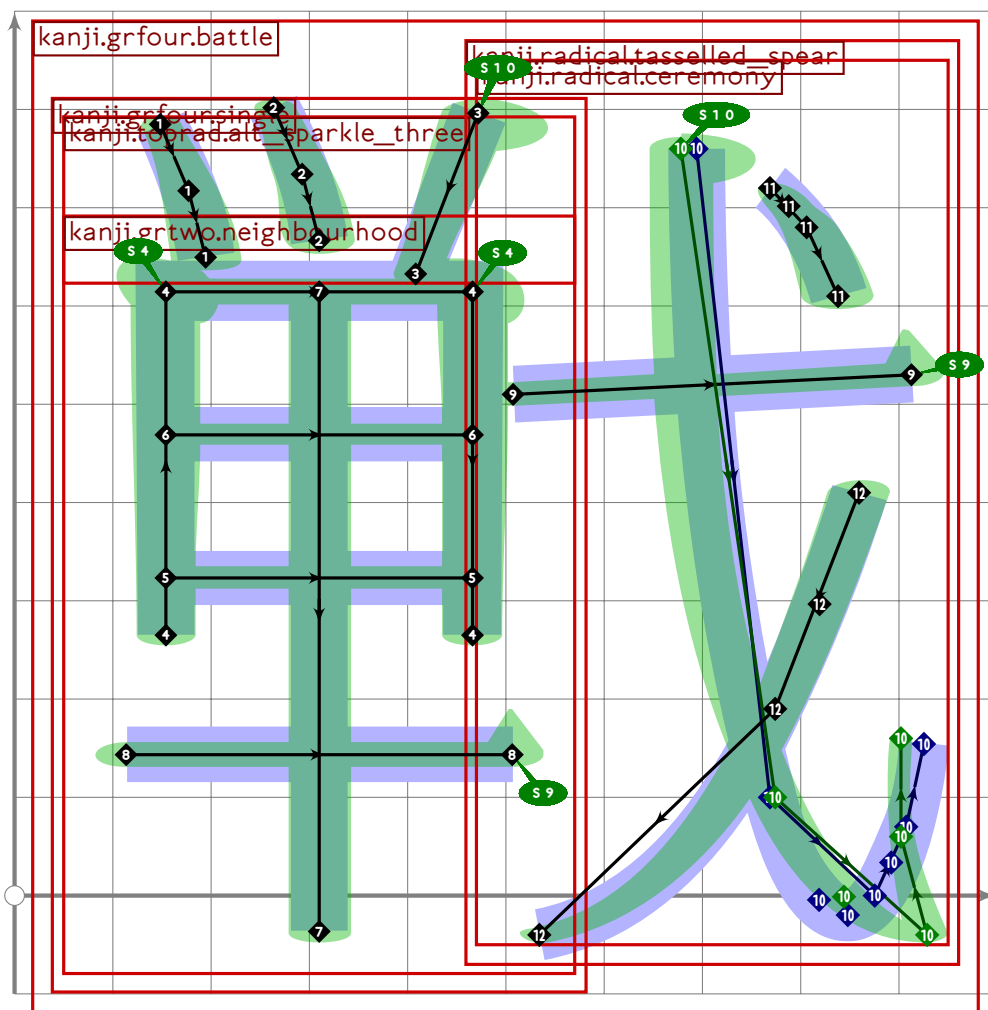
```



```

99
100 vardef kanji.grthree.throw =
101   push_pbox_toexpand("kanji.grthree.throw");
102   build_kanji.level(build_kanji.lr(420,30)
103     (kanji.leftrad.hand)
104     (kanji.radical.windy_again));
105   expand_pbox;
106 enddef;
107
108

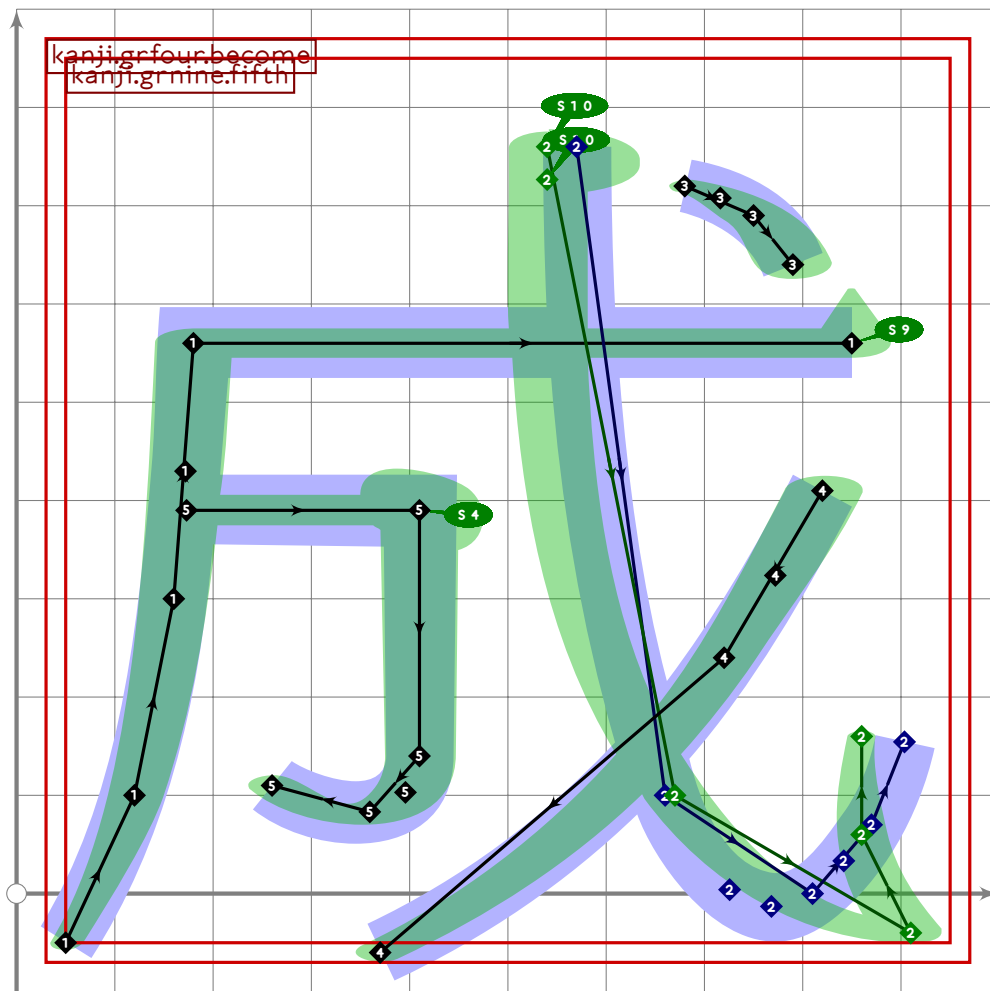
```



```

109
110 vardef kanji.grfour.battle =
111   push_pbox_toexpand("kanji.grfour.battle");
112   build_kanji.level(build_kanji.lr(520,100)
113     (build_kanji.sscale(yscaled 0.94 shifted (0;30))(kanji.grfour.single))
114     (kanji.radical.tasselled_spear));
115   expand_pbox;
116 enddef;

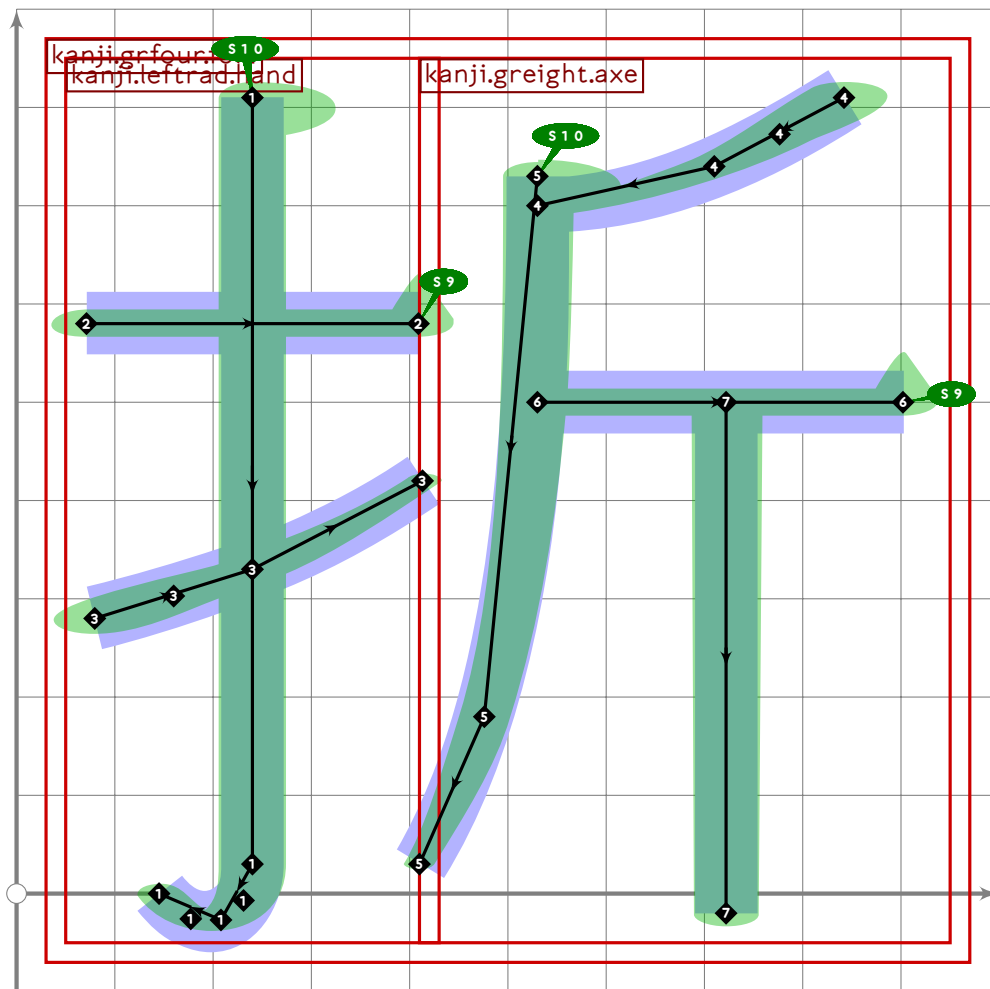
```



```

117
118 vardef kanji.grfour.become =
119   push_pbox__toexpand("kanji.grfour.become");
120   kanji.grnine.fifth;
121   push_stroke((173,280)-(410,280),
122     (1.6,1.6)-(1.6,1.6));
123   build_kanji.add_jtail(0);
124   replace_strokep(0)(oldp shifted (0,110));
125   set_boserif(0,1,4);
126   set_botip(0,1,1);
127   expand_pbox;
128 enddef;

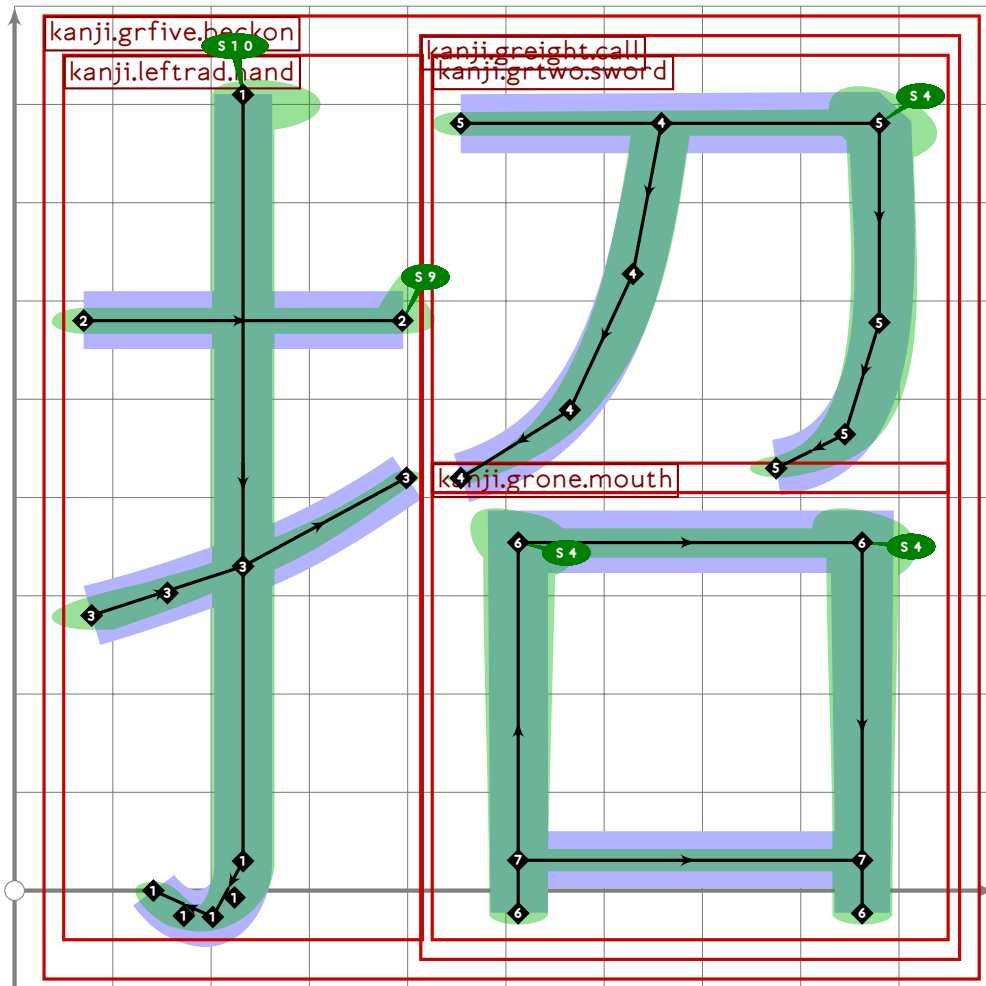
```



```

129
130 vardef kanji.grfour.fold =
131   push_pbox_toexpand("kanji.grfour.fold");
132   build_kanji.level(build_kanji.lr(420,20)
133     (kanji.leftrad.hand)
134     (kanji.greight.axe));
135   expand_pbox;
136 enddef;
137
138

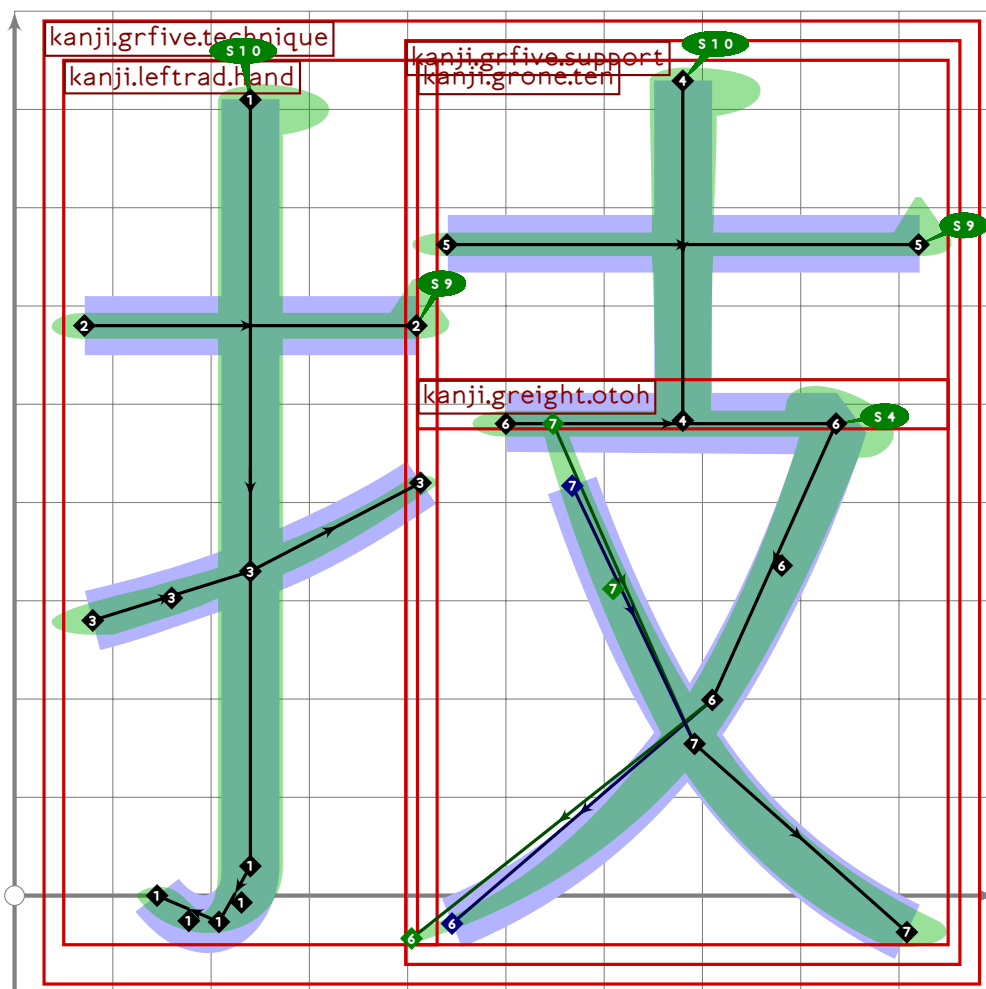
```

```

139
140 vardef kanji.grfive.beckon =
141   push_pbox_toexpand("kanji.grfive.beckon");
142   build_kanji.level(build_kanji.lr(420,10)
143     (kanji.leftrad.hand)
144     (kanji.greight.call));
145   expand_pbox;
146 enddef;

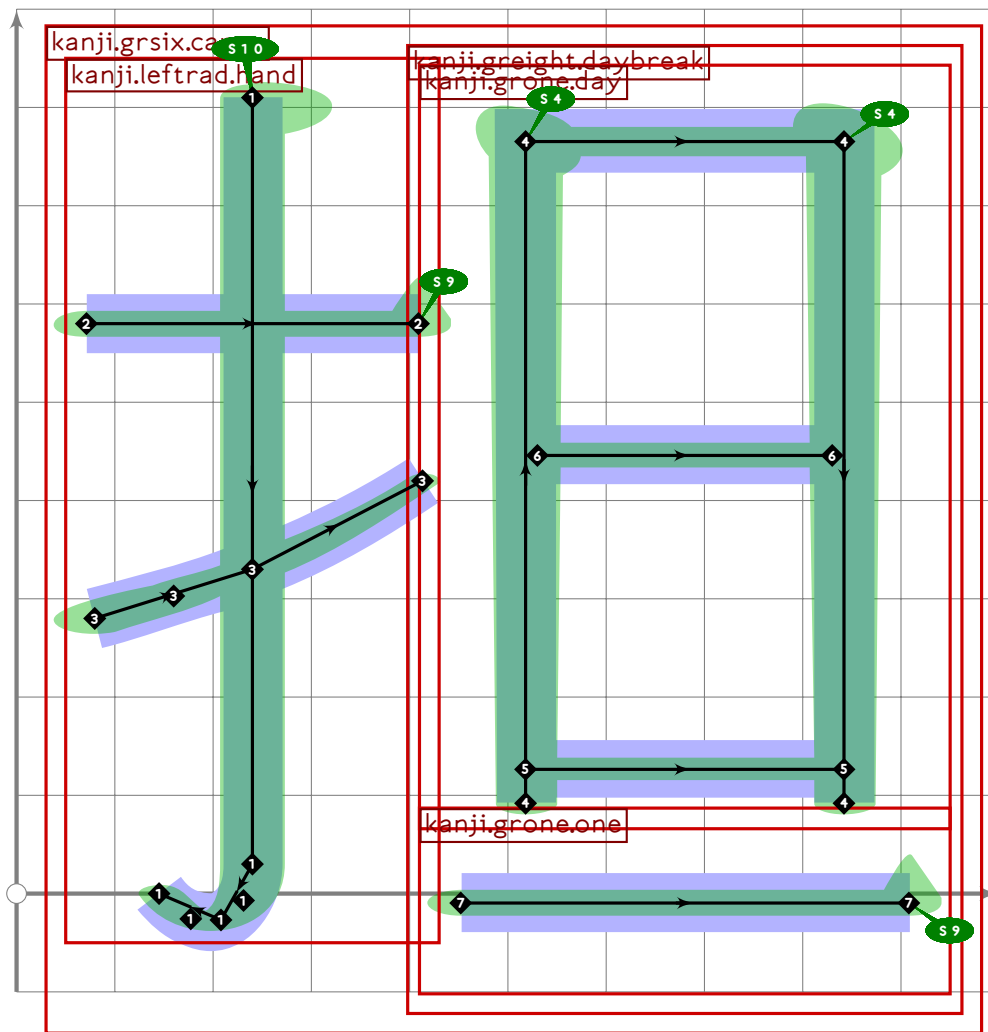
```



```

147
148 vardef kanji.grfive.technique =
149   push_pbox_toexpand("kanji.grfive.technique");
150   build_kanji.level(build_kanji.lr(420,20)
151     (kanji.leftrad.hand)
152     (kanji.grfive.support));
153   expand_pbox;
154 enddef;
155
156

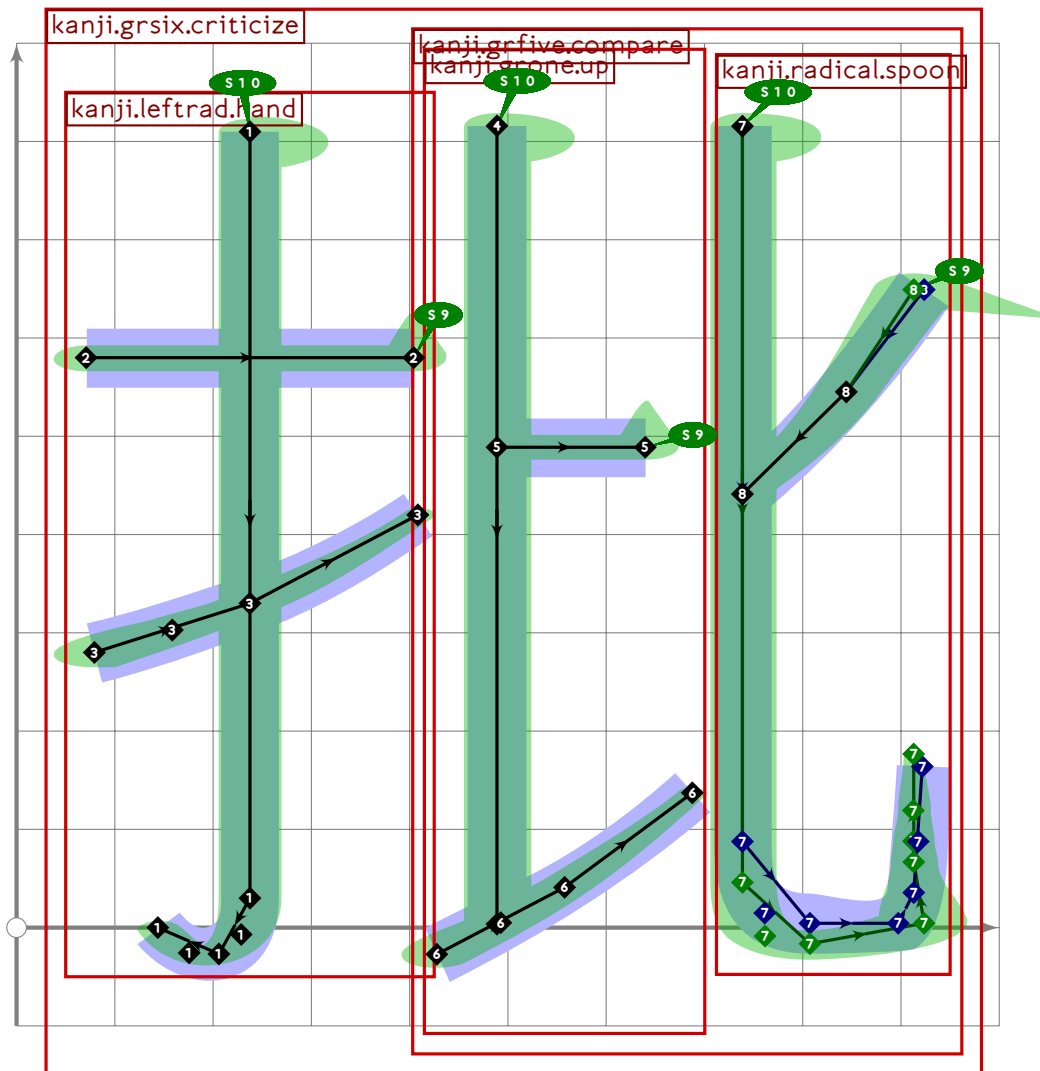
```



```

157
158 vardef kanji.grsix.carry =
159   push_pbox_toexpand("kanji.grsix.carry");
160   build_kanji.level(build_kanji.lr(420,20)
161     (kanji.leftrad.hand)
162     (kanji.greight.daybreak));
163   expand_pbox;
164 enddef;

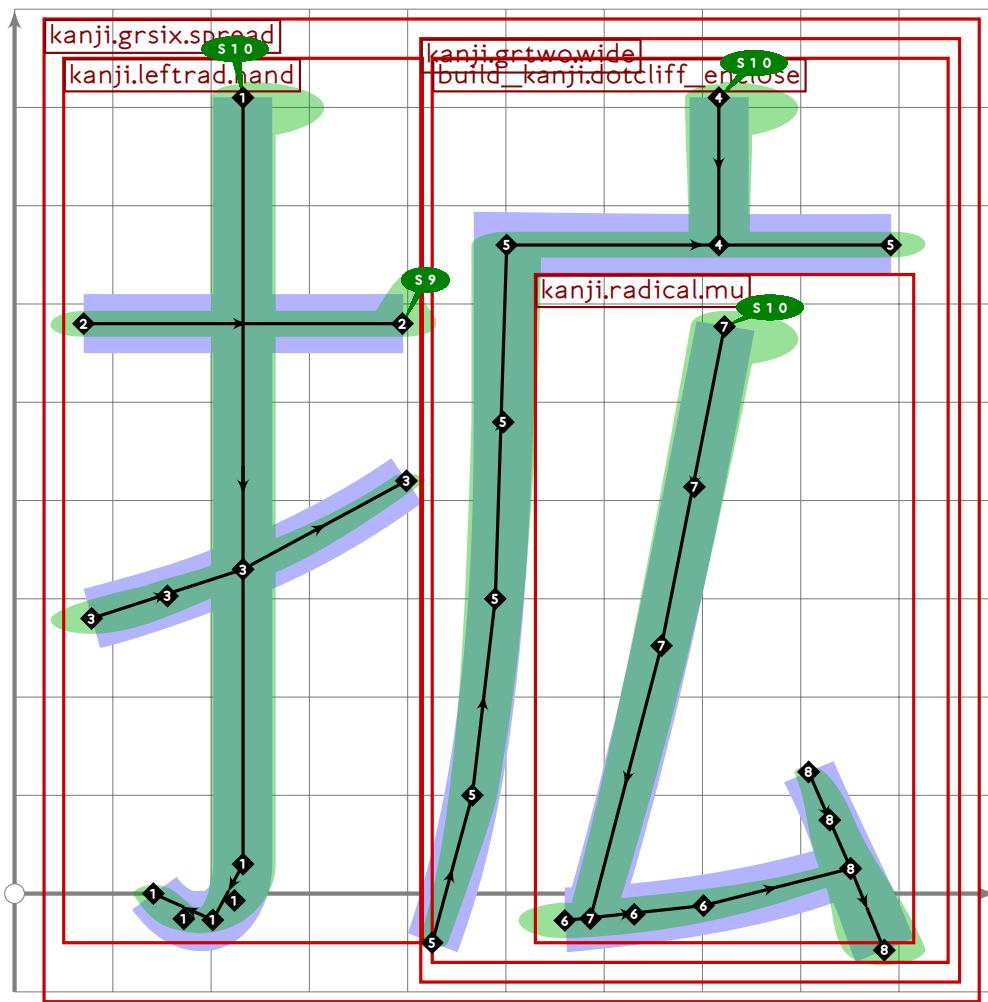
```



```

165
166 vardef kanji.grsix.criticize =
167   push_pbox_toexpand("kanji.grsix.criticize");
168   build_kanji.level(build_kanji.lr(420,10)
169     (kanji.leftrad.hand)
170     (build_kanji.sscale(yscaled 1.04 shifted (0,20))
171       (kanji.grfive.compare)));
172   expand_pbox;
173 enddef;

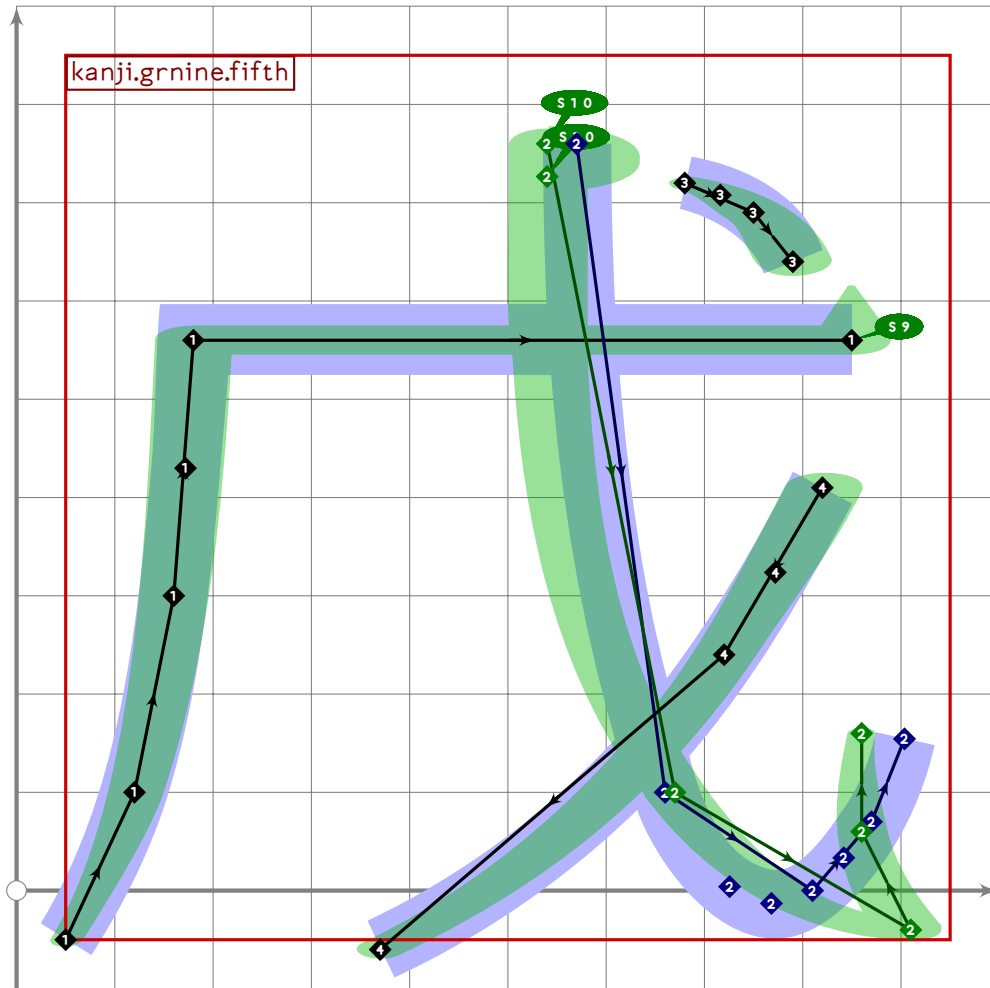
```



```

174
175 vardef kanji.grsix.spread =
176   push_pbox_toexpand("kanji.grsix.spread");
177   build_kanji.level(build_kanji.lr(420,10)
178     (kanji.leftrad.hand)
179     (kanji.grtwo.wide));
180   expand_pbox;
181 enddef;
182
183

```



```

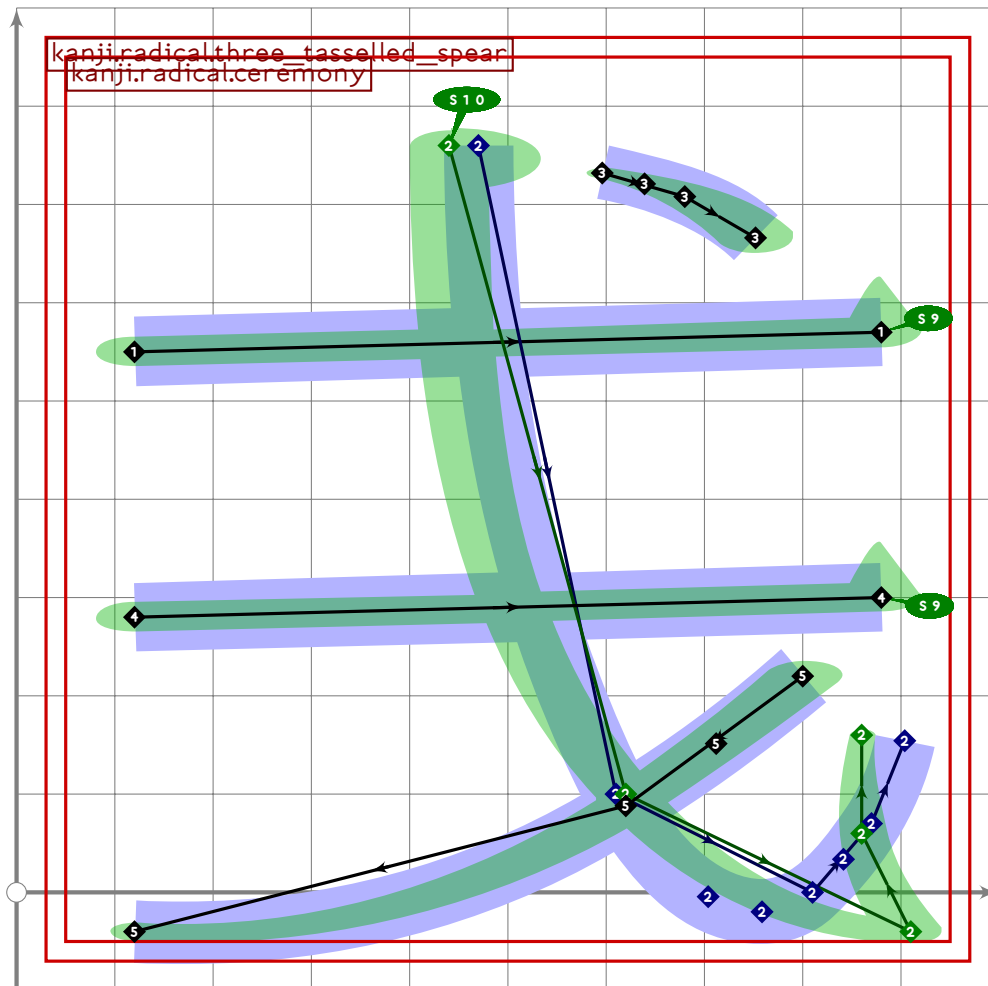
184
185 vardef kanji.grnine.fifth =
186   push_pbox_toexpand("kanji.grnine.fifth");
187   push_stroke((50,50)..(120,100)..(160,300)..tension 1.2..(180,560)
188     -(850,560),
189     (1,1)-(1.3,1.3)-(1.5,1.5)-(1.6,1.6)-(1.6,1.6));
190   set_botip(0,3,1);
191   set_boserif(0,4,9);
192   push_stroke(interpath(mincho,
193     (570,760){down}..(660,100)..(810,0)..tension 1.5..
194     (870,70)..{curl 0.3}(910,200),
195     (540,760){down}..(670,100)..{right}(910,-40){curl 1}..
196     (860,60)..(860,160)),
197     (1.6,1.6)-(1.4,1.4)-(1.4,1.4)-(1.2,1.2)-(0.9,0.9));
198   set_boserif(0,0,10);
199   push_stroke((680,720)..tension 1.2..(750,690)..(790,640),
200     (1,1)..(1.5,1.5)-(1.7,1.7));
201   set_bosize(0,90);
202   push_stroke((820,410)..tension 1.2..(720,240)..(370,-60),
203     (1.6,1.6)-(1.4,1.4)-(1.2,1.2));
204   expand_pbox;

```

```

205 enddef;
206
207
208
209 % ka/hoko "tasselled spear radical"
210 begintsuglyph("uni6208";8); [see page 713]
211   kanji.radical.tasselled_spear;
212   tsu_render;
213 endsuglyph;
214
215 % bo/tsuchinoe "fifth class or calendar sign"
216 begintsuglyph("uni620A";10); [see page 2260]
217   kanji.grnine.fifth;
218   tsu_render;
219 endsuglyph;
220

```

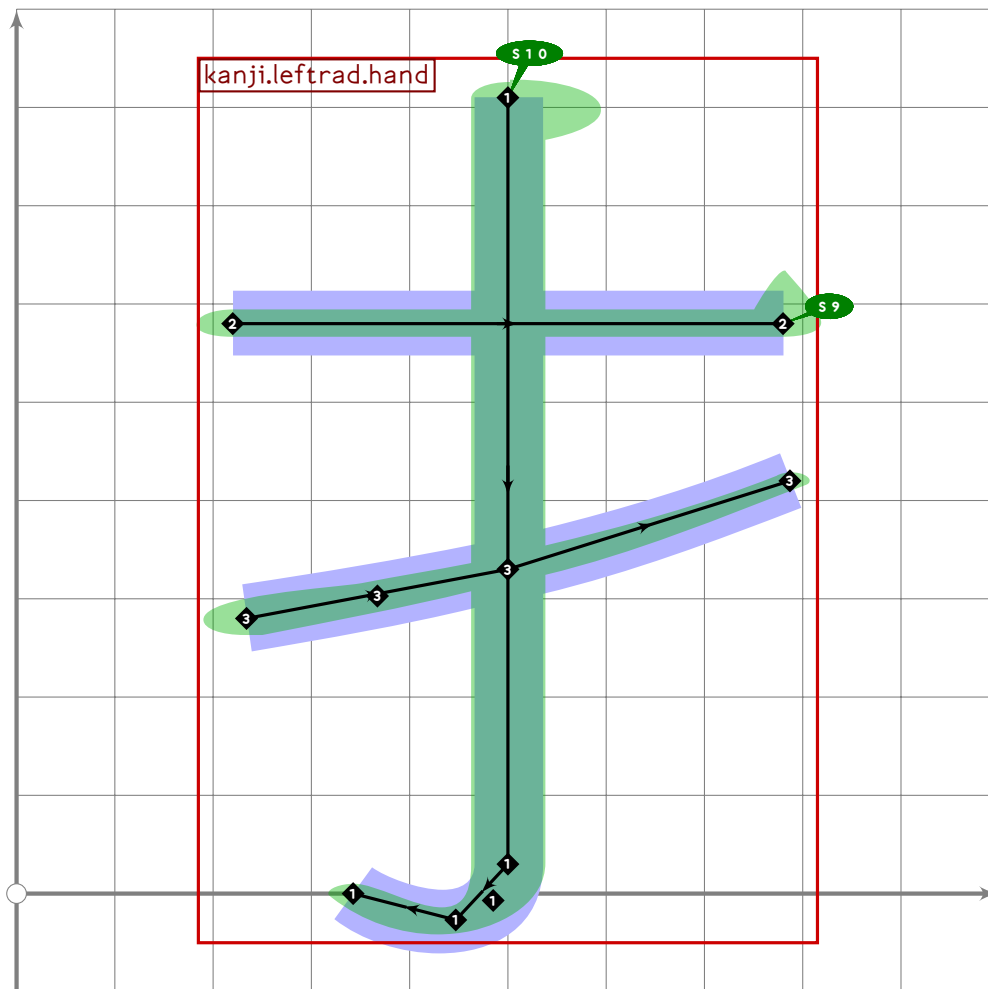


```

221 % Chinese-only character, and they draw it with two crossbars, but
222 % it's always three when it occurs as part of a Japanese character
223 begintsuglyph("uni620B";11);
224   kanji.radical.three_tasselled_spear;
225   obstacktype[find_whatever(otstroke,2)]:=otnull;

```

226 tsu_render;
 227 endtsuglyph;
 228
 229 % sei/na (as in "naru") "become"
 230 begintsuglyph("uni6210";16); [see page 2253]
 231 kanji.grfour.become;
 232 tsu_render;
 233 endtsuglyph;
 234
 235 % ga/ware "ego" or "atman" (Buddhist technical term)
 236 begintsuglyph("uni6211";17); [see page 660]
 237 kanji.grsix.ego;
 238 tsu_render;
 239 endtsuglyph;
 240
 241 % kai/imashi "precept"
 242 begintsuglyph("uni6212";18); [see page 764]
 243 kanji.greight.precept;
 244 tsu_render;
 245 endtsuglyph;
 246
 247 % sen/ikusa "battle"
 248 begintsuglyph("uni6226";38); [see page 2252]
 249 kanji.grfour.battle;
 250 tsu_render;
 251 endtsuglyph;
 252
 253 % ko/to "door"
 254 begintsuglyph("uni6238";56); [see page 2246]
 255 kanji.grtwo.door;
 256 tsu_render;
 257 endtsuglyph;
 258
 259 % sho/tokoro "place"
 260 begintsuglyph("uni6240";64); [see page 2250]
 261 kanji.grthree.place;
 262 tsu_render;
 263 endtsuglyph;
 264
 265 % te "hand"
 266 begintsuglyph("uni624B";75); [see page 441]
 267 kanji.grone.hand;
 268 tsu_render;
 269 endtsuglyph;
 270



```

271 % hand radical
272 begintsuglyph("uni624C";76);
273   build_kanji.scale(xscaled 0.7)(kanji.leftrad.hand);
274   tsu_render;
275 endtsuglyph;
276
277 % sai "genius" or "years of age"
278 begintsuglyph("uni624D";77);
279   kanji.grtwo.genius;
280   tsu_render;
281 endtsuglyph;
282
283 % da/u "hit"
284 begintsuglyph("uni6253";83);
285   kanji.grthree.hit;
286   tsu_render;
287 endtsuglyph;
288
289 % hi "criticize"
290 begintsuglyph("uni6279";121);
291   kanji.grsix.criticize;

```

[see page 2247]

[see page 2249]

[see page 2258]

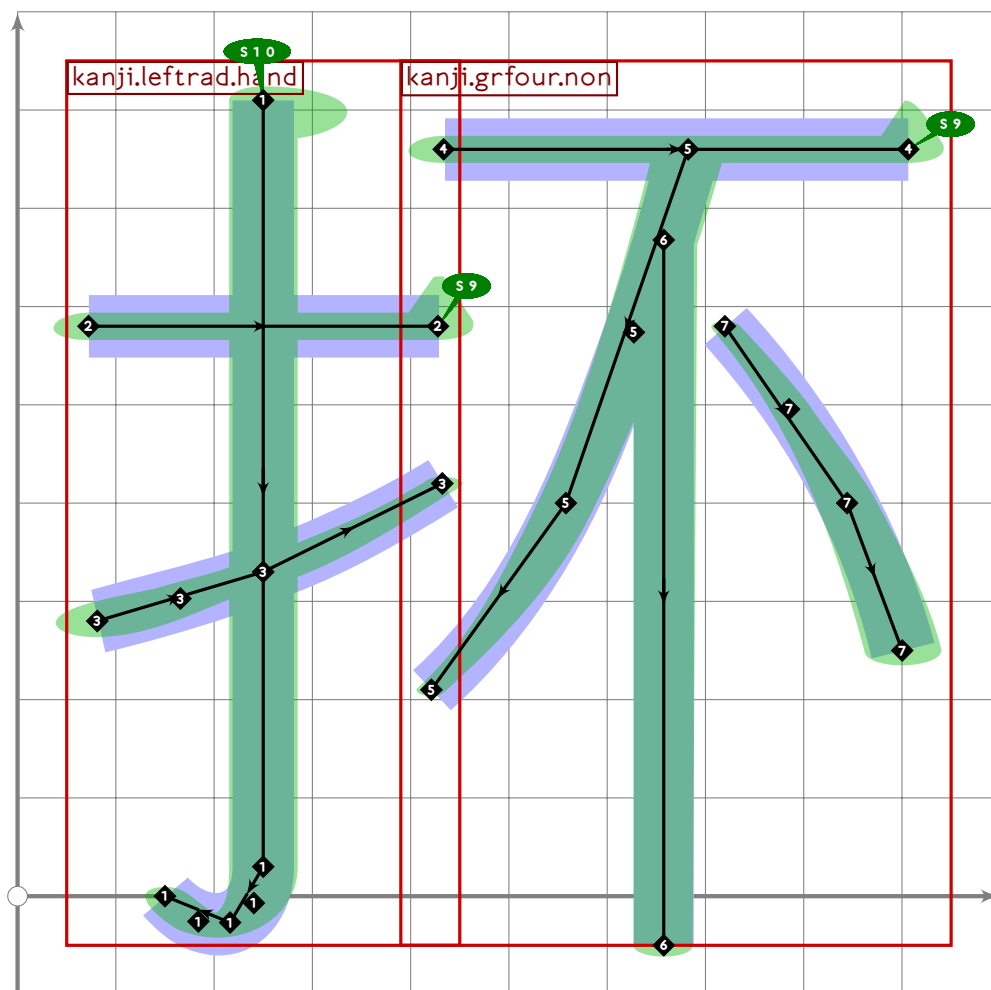
U+6294
tsuku.uni6294

62

```
292 tsu_render;
293 endtsuglyph;
294
295 % gi/waza "technique"
296 begintsuglyph("uni6280";128);
297 kanji.grfive.technique;
298 tsu_render;
299 endtsuglyph;
300
301 % tou/na "throw"
302 begintsuglyph("uni6295";149);
303 kanji.grthree.throw;
304 tsu_render;
305 endtsuglyph;
306
```

[see page 2256]

[see page 2251]



```
307 % extra: hou/nado "etcetera"
308 begintsuglyph("uni6294";148);
309 build_kanji.level(build_kanji.lr(420,60)
310 (kanji.leftrad.hand)
311 (kanji.grfour.non));
312 tsu_render;
```

```

313 endtsuglyph;
314
315 % satsu/o "fold" (o as in origami)
316 begintsuglyph("uni6298";152); [see page 2254]
317   kanji.grfour.fold;
318   tsu_render;
319 endtsuglyph;
320
321 % tan/katsu "carry"
322 begintsuglyph("uni62C5";197); [see page 2257]
323   kanji.grsix.carry;
324   tsu_render;
325 endtsuglyph;
326
327 % shou/mane "beckon" (as in manekineko)
328 begintsuglyph("uni62DB";219); [see page 2255]
329   kanji.grfive.beckon;
330   tsu_render;
331 endtsuglyph;
332
333 % kaku/hiro "spread"
334 begintsuglyph("uni62E1";225); [see page 2259]
335   kanji.grsix.spread;
336   tsu_render;
337 endtsuglyph;
338
339 % shuu/hiro "gather"
340 begintsuglyph("uni62FE";254); [see page 2248]
341   kanji.grthree.gather;
342   tsu_render;
343 endtsuglyph;
344
345 _____
346
347 endfont;
348
349 _____

```

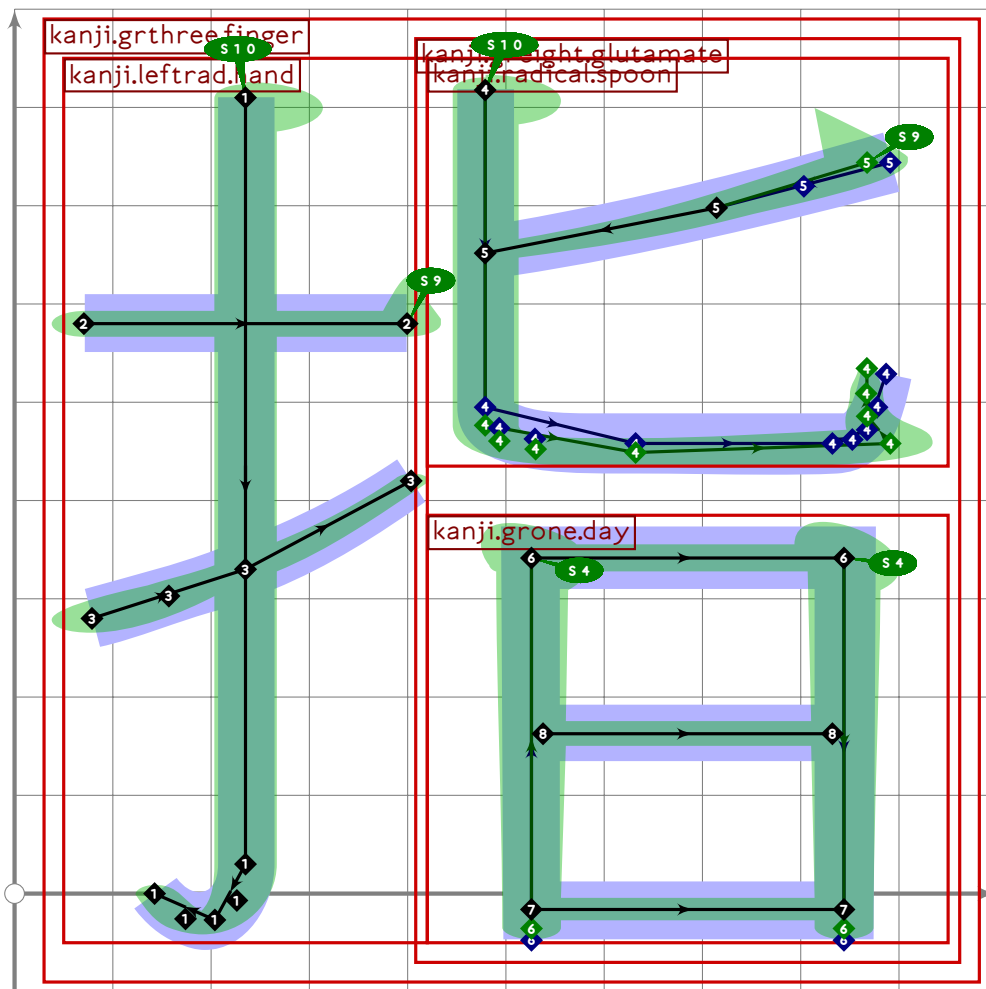
```
1 %
2 % Unicode page 63 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

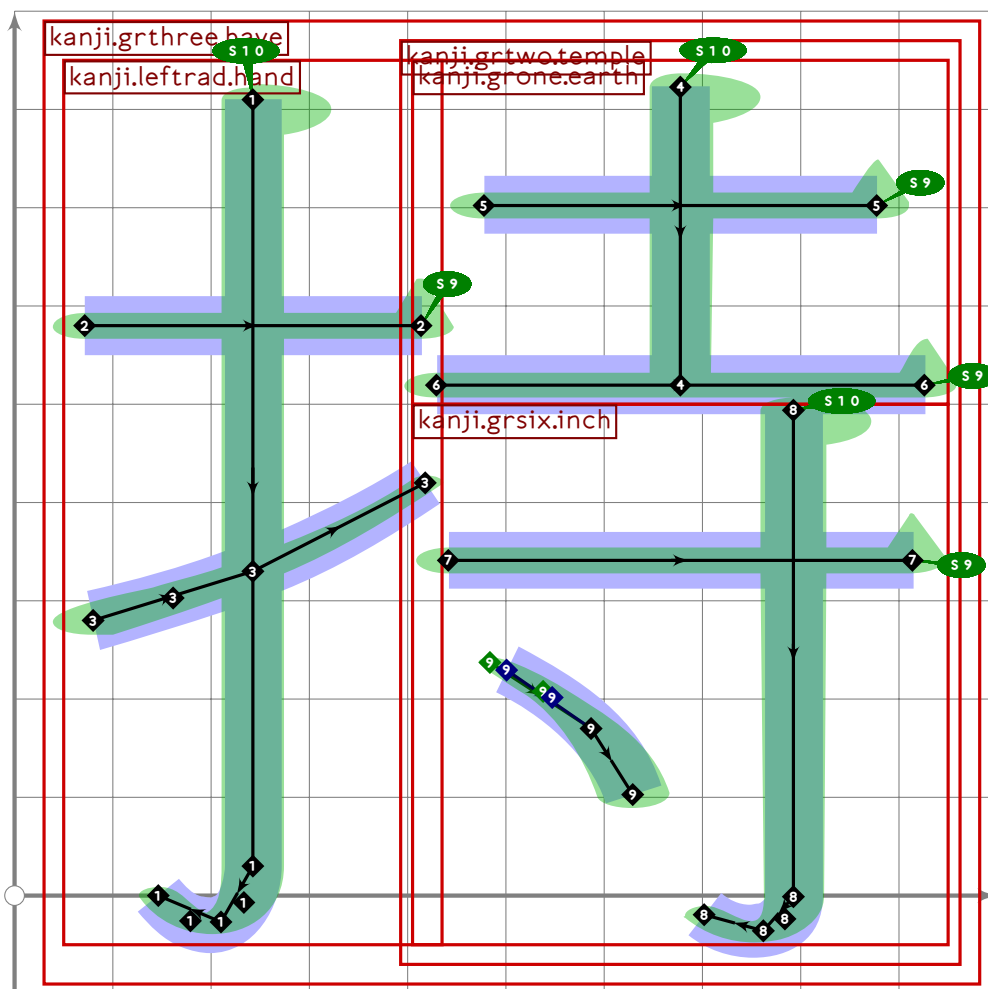

```



```

49
50 vardef kanji.grthree.finger =
51   push_pbox_toexpand("kanji.grthree.finger");
52   build_kanji.level(build_kanji.lr(420,0)
53     (kanji.leftrad.hand)
54     (kanji.greight.glutamate));
55   expand_pbox;
56 enddef;

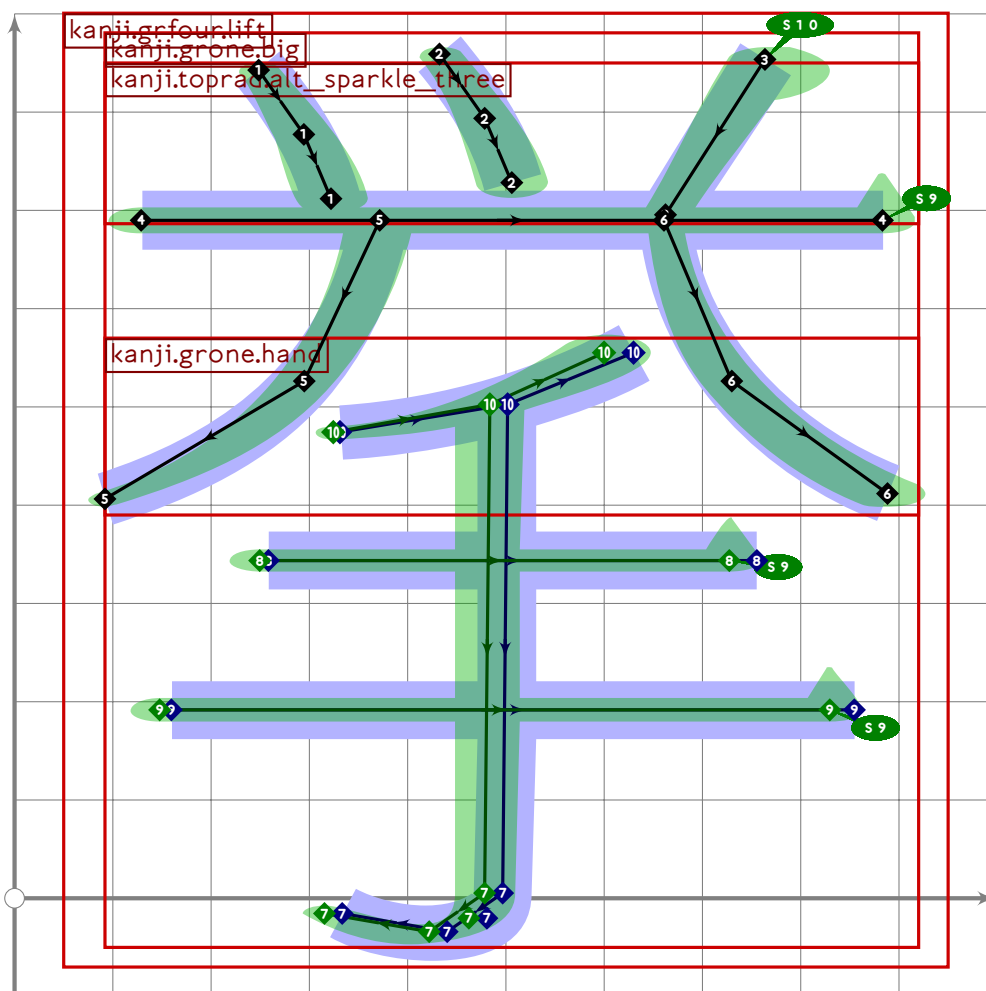
```



```

57
58 vardef kanji.grthree.have =
59   push_pbox_toexpand("kanji.grthree.have");
60   build_kanji.level(build_kanji.lr(420,30)
61     (kanji.leftrad.hand)
62     (kanji.grtwo.temple));
63   expand_pbox;
64 enddef;
65
66

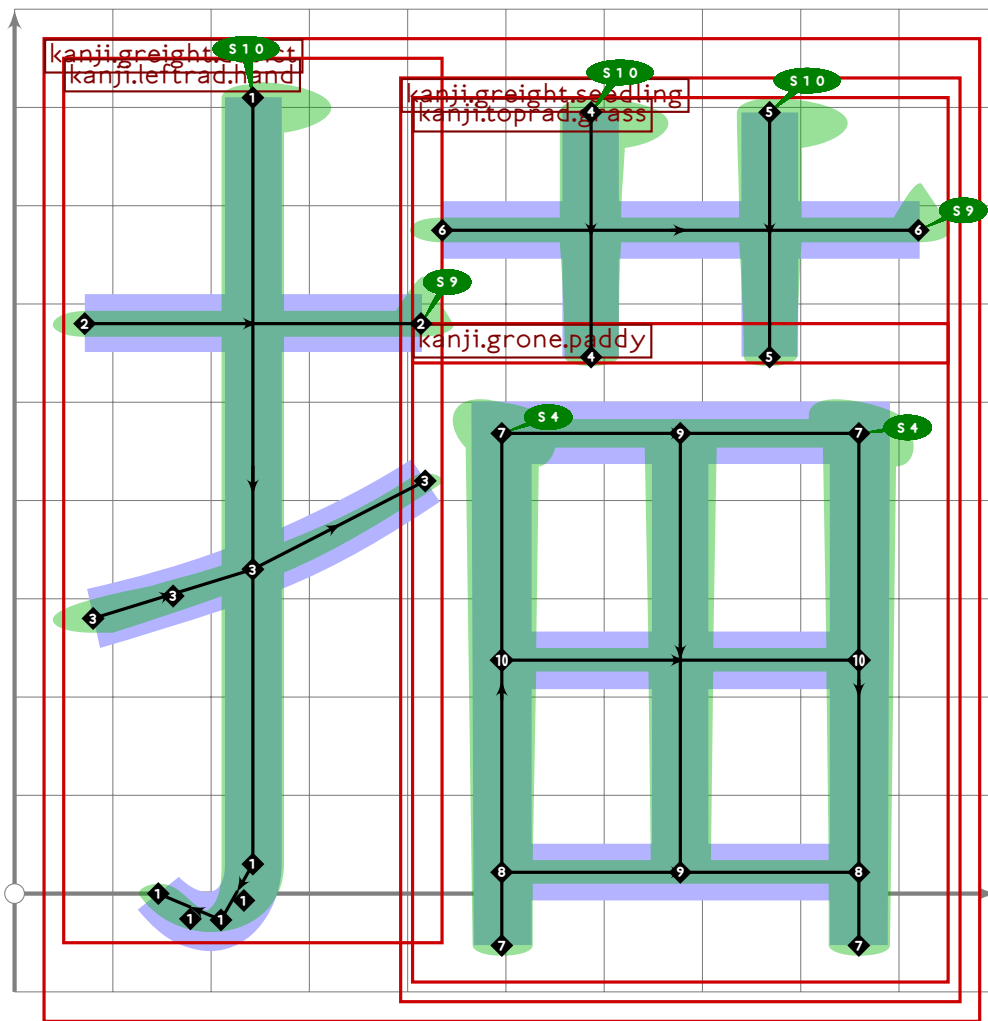
```



```

67
68 vardef kanji.grfour.lift =
69   push_pbox_toexpand("kanji.grfour.lift");
70   build_kanji.level(build_kanji.sscale(xscaled 0.92 shifted (6,0))
71     (build_kanji.tb(480,180)
72       (build_kanji.tb(720,380)
73         (kanji.toprad.alt_sparkle_three)
74         (build_kanji.spread_legs(280)(kanji.grone.big);
75         replace_stroke(-1)(subpath
76           (xpart (oldp intersectiontimes get_stroke(-2)),infinity)
77           of oldp)))
78       (build_kanji.warp((700-40*mincho,850),(300,850),
79         (-50-20*mincho,-50),(1050-20*mincho,-50))
80       (kanji.grone.hand))));
81   expand_pbox;
82 enddef;
83
84

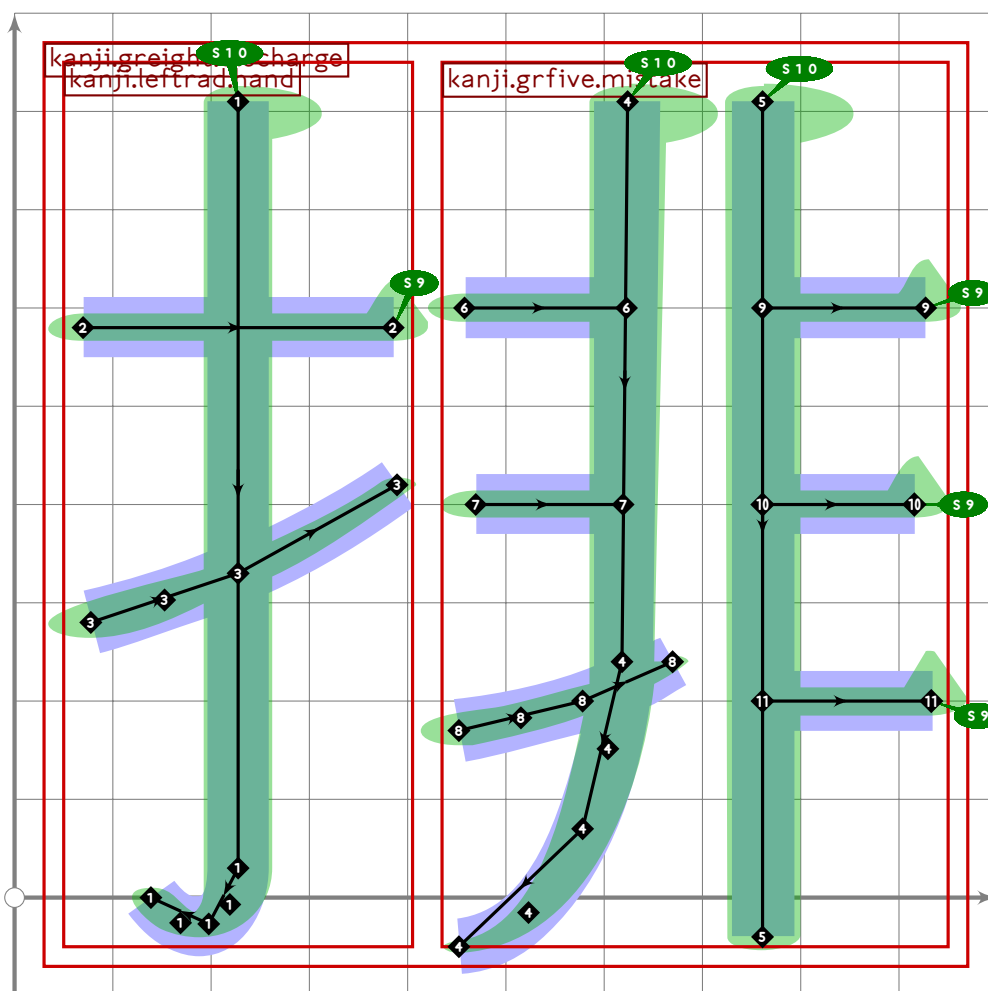
```



```

85
86 vardef kanji.greight.depict =
87   push_pbox_toexpand("kanji.greight.depict");
88   build_kanji.level(build_kanji.lr(420,30)
89     (kanji.leftrad.hand)
90     (build_kanji.sscale(shifted (0,-40))(kanji.greight.seedling)));
91   expand_pbox;
92 enddef;

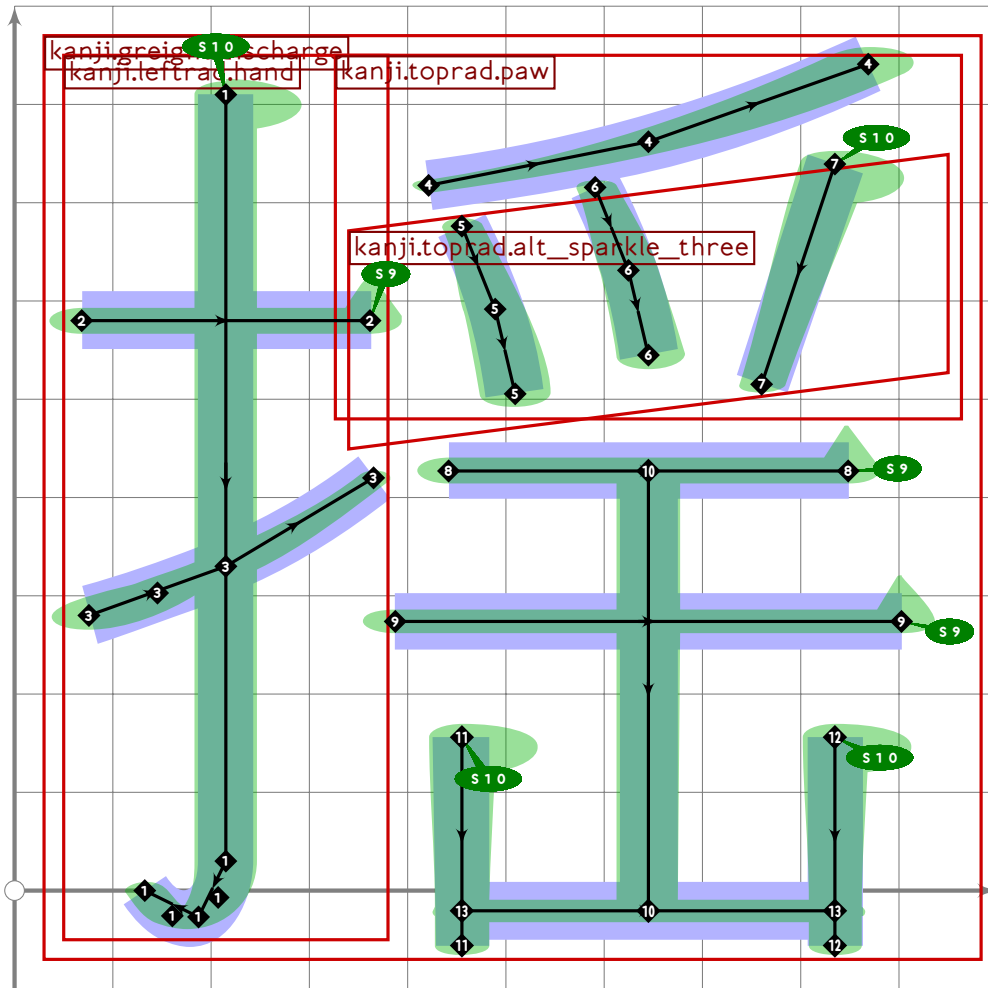
```

```

93
94 vardef kanji.greight.discharge =
95   push_pbox_toexpand("kanji.greight.discharge");
96   build_kanji.level(build_kanji.lr(420;30)
97     (kanji.leftrad.hand)
98     (kanji.grfive.mistake));
99   expand_pbox;
100 enddef;

```



```

101
102 vardef kanji.greight.vibrate =
103   push_pbox_toexpand("kanji.greight.discharge");
104   build_kanji.level(build_kanji.lr(360,40)
105     (kanji.leftrad.hand)
106     (build_kanji.tb(480,0)
107       (kanji.toprad.paw)
108       (push_stroke((200,760)-(800,760),(1.6,1.6)-(1.6,1.6));
109         set_boserif(0,1,9);
110         push_stroke((120,500)-(880,500),(1.6,1.6)-(1.6,1.6));
111         set_boserif(0,1,9);
112         push_stroke((500,760)-(500,0),(1.6,1.6)-(1.5,1.5));
113         build_kanji.cup((220,300),(780,0)))));
114   expand_pbox;
115 enddef;
116
117
118
119 % ji/mo "have"
120 begintsuglyph("uni6301",1);
121   kanji.grthree.have;

```

[see page 2268]

```

122 tsu_render;
123 endtsuglyph;
124
125 % shi/yubi "finger"
126 begintsuglyph("uni6307";7); [see page 2267]
127 kanji.grthree.finger;
128 tsu_render;
129 endtsuglyph;
130
131 %kyo/a "lift"
132 begintsuglyph("uni6319";25); [see page 2269]
133 kanji.grfour.lift;
134 tsu_render;
135 endtsuglyph;
136
137 % hai "discharge"
138 begintsuglyph("uni6392";146); [see page 2271]
139 kanji.greight.discharge;
140 tsu_render;
141 endtsuglyph;
142
143 % byou/ega "depict"
144 begintsuglyph("uni63CF";207); [see page 2270]
145 kanji.greight.depict;
146 tsu_render;
147 endtsuglyph;
148
149 % you/yu "vibrate"
150 begintsuglyph("uni63FA";250); [see page 2272]
151 kanji.greight.vibrate;
152 tsu_render;
153 endtsuglyph;
154
155 _____
156
157 endfont;
158
159 _____

```

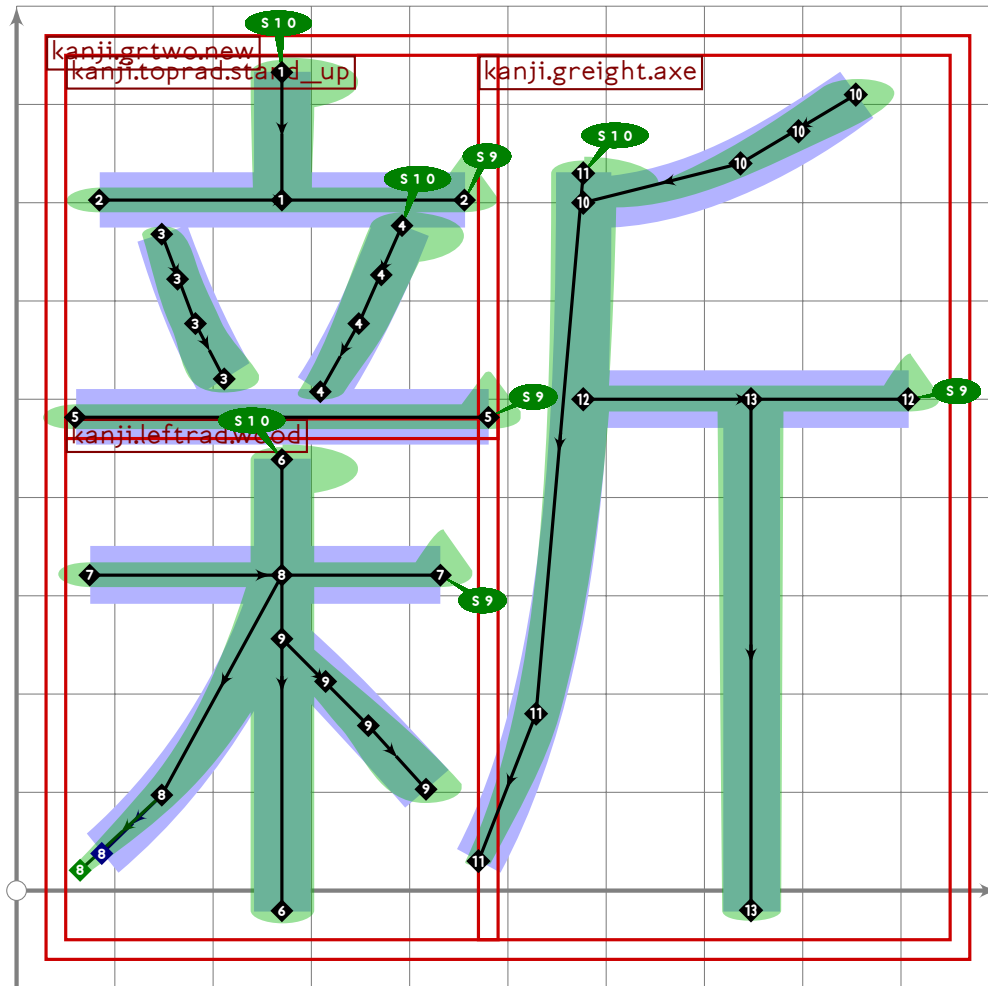
```
1 %
2 % Unicode page 65 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 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 

---

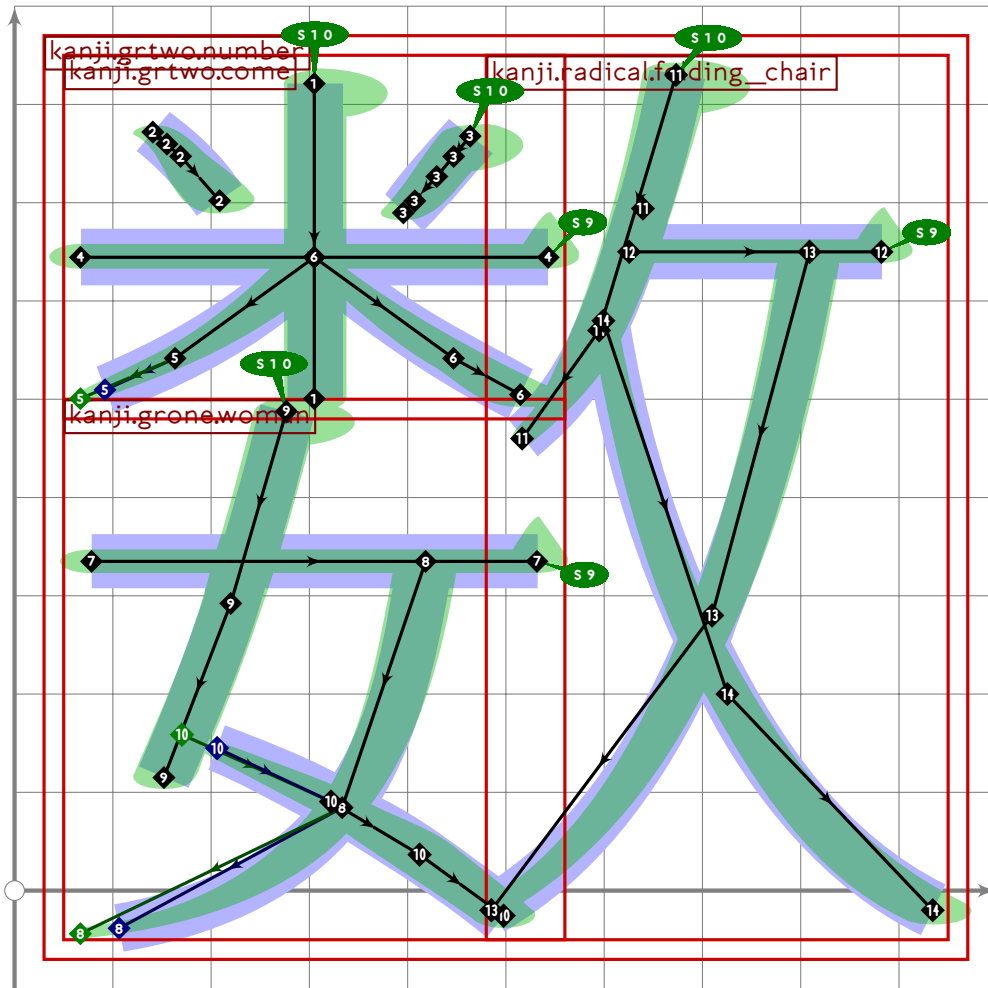

```



```

55
56 vardef kanji.grtwo.new =
57   push_pbox_toexpand("kanji.grtwo.new");
58   build_kanji.level(build_kanji.lr(480,20)
59     (build_kanji.tb(470,20)
60       (kanji.toprad.stand_up)
61       (kanji.leftrad.wood))
62     (kanji.greight.axe));
63   expand_pbox;
64 enddef;

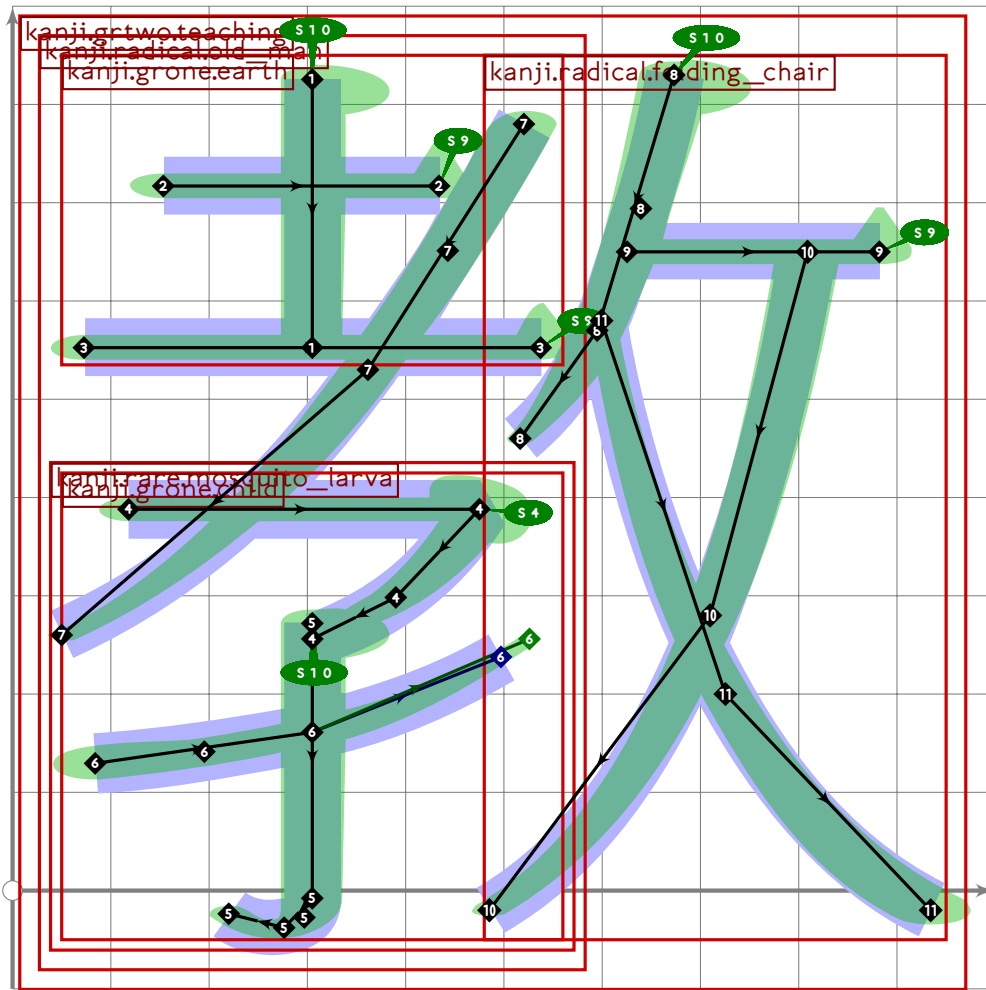
```



```

65
66 vardef kanji.grtwo.number =
67   push_pbox_toexpand("kanji.grtwo.number");
68   build_kanji.level(build_kanji.lr(520,80)
69     (build_kanji.tb(490,20)
70       (kanji.grtwo.come;
71         set_bosize(-5,0);
72         replace_stroke(-4)(oldp shifted (0,80));
73         replace_stroke(-4)((1.2,1.2)-(1.4,1.4)-(1.7,1.7));
74         set_boserif(-4,whatever);
75         replace_stroke(-3)(oldp shifted (0,60)))
76       (kanji.grtwo.woman))
77     (kanji.radical.folding_chair));
78   expand_pbox;
79 enddef;

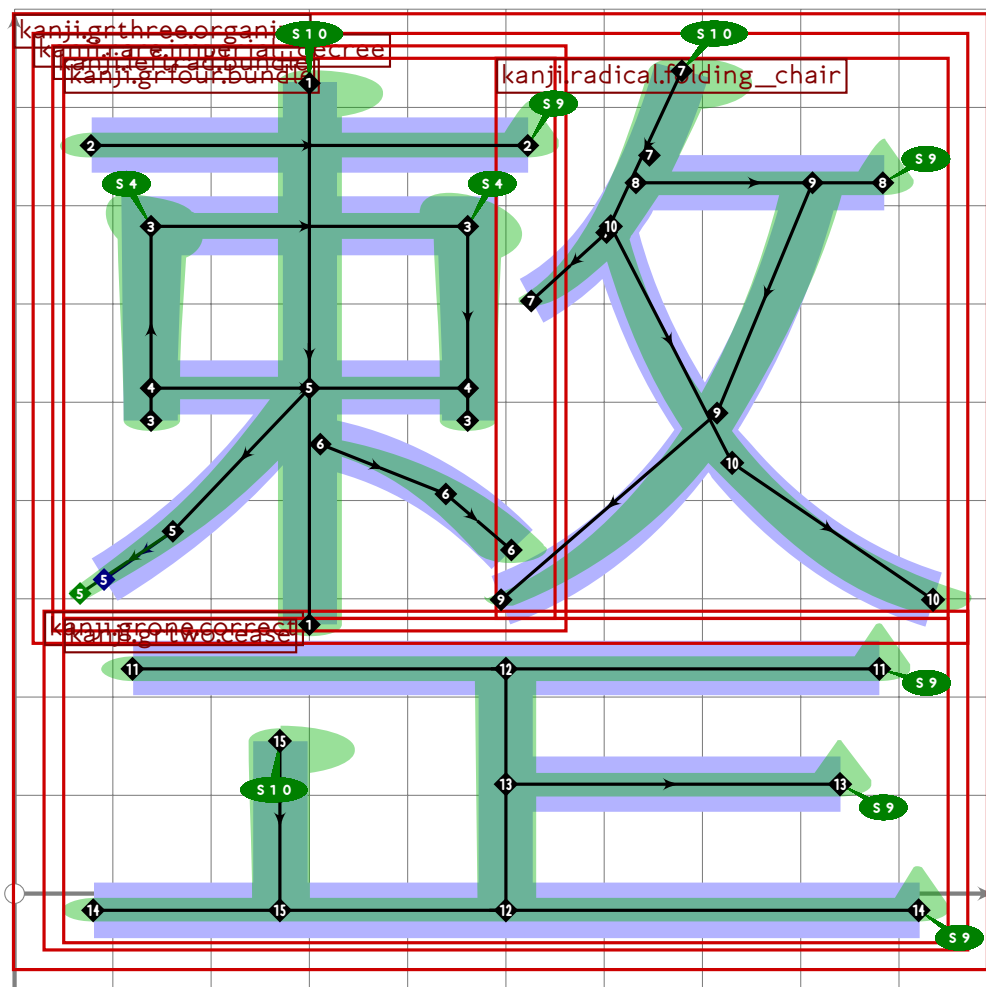
```



```

80
81 vardef kanji.grtwo.teaching =
82   push_pbox_toexpand("kanji.grtwo.teaching");
83   build_kanji.level(build_kanji.lr(520,80)
84     (kanji.radical.old_man(kanji.rare.mosquito_larva))
85     (kanji.radical.folding_chair));
86   expand_pbox;
87 enddef;
88
89

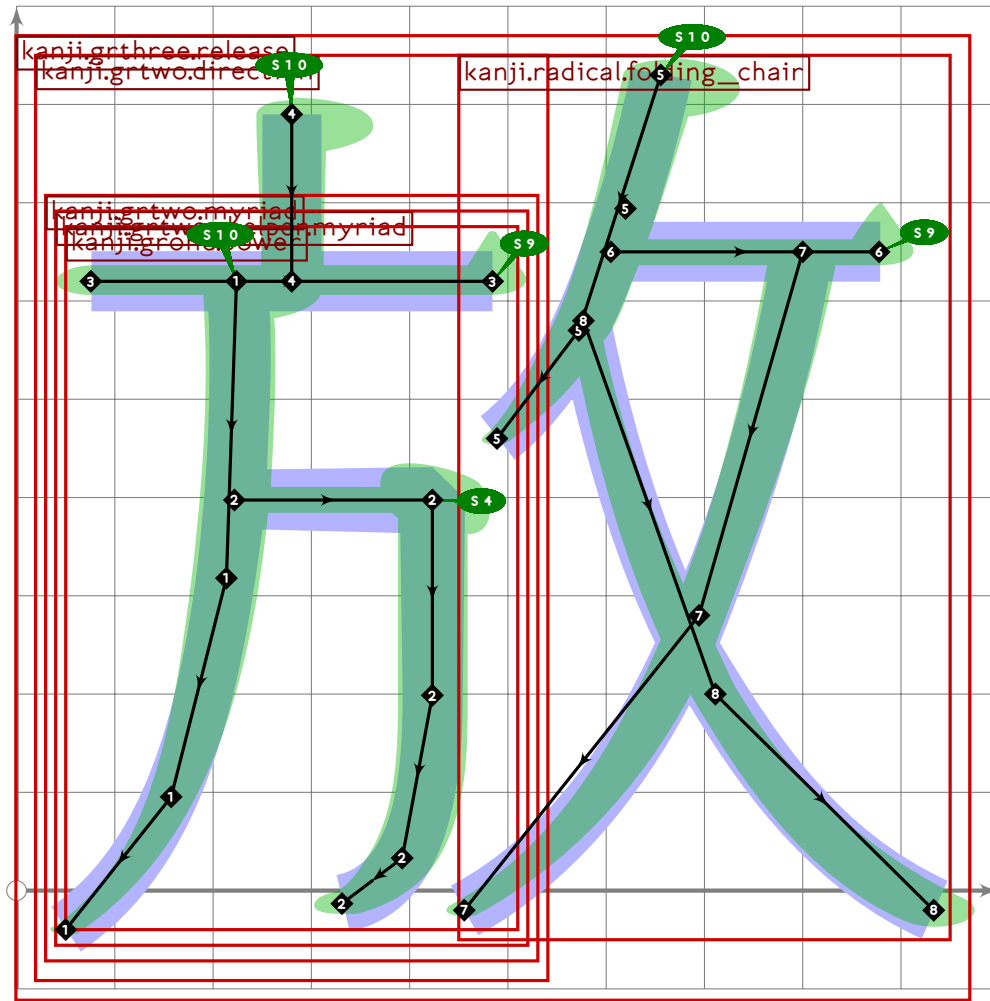
```



```

90
91 vardef kanji.grthree.organize =
92   push_pbox_toexpand("kanji.grthree.organize");
93   build_kanji.level(build_kanji.tb(280,0)
94     (kanji.rare.imperial_decree)
95     (kanji.grone.correct));
96   expand_pbox;
97 enddef;

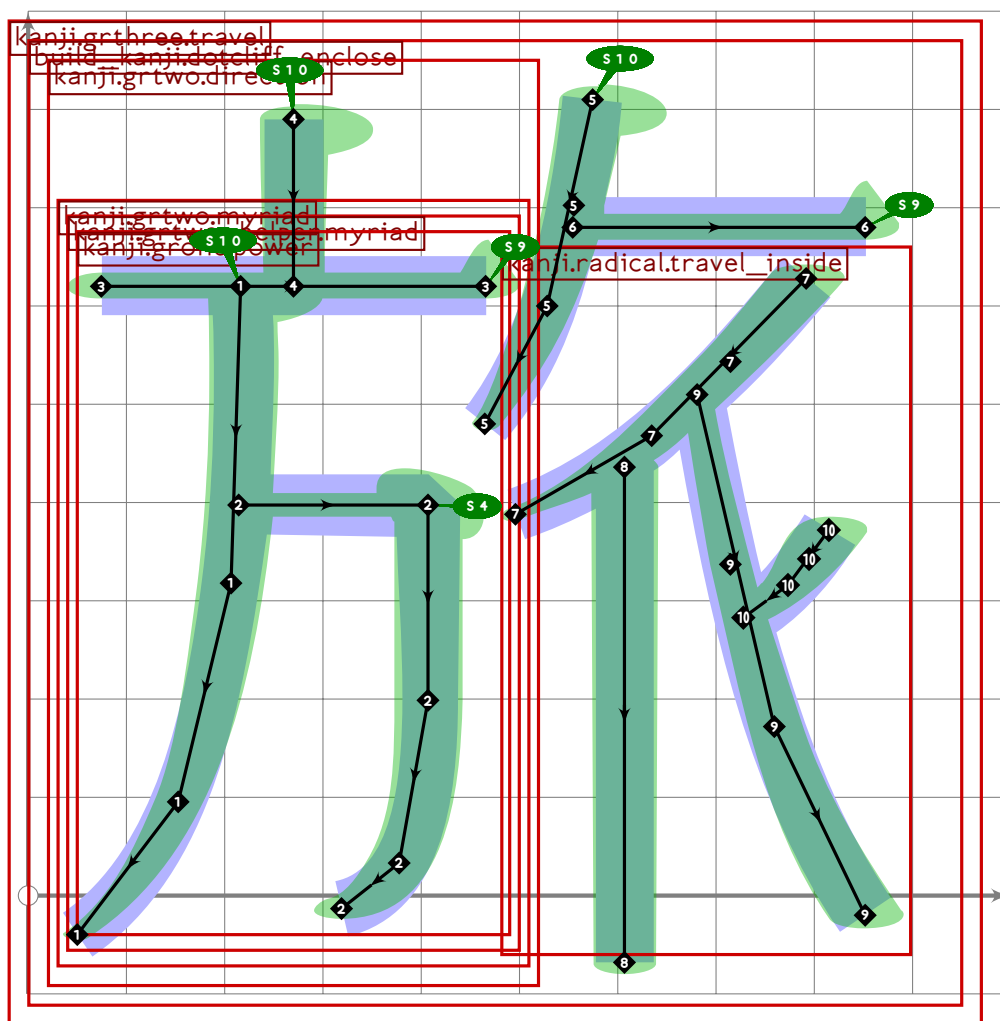
```

```

98
99 vardef kanji.grthree.release =
100   push_pbox_toexpand("kanji.grthree.release");
101   build_kanji.level(build_kanji.lr(480,60)
102     (kanji.grtwo.direction)
103     (kanji.radical.folding_chair));
104   expand_pbox;
105 enddef;

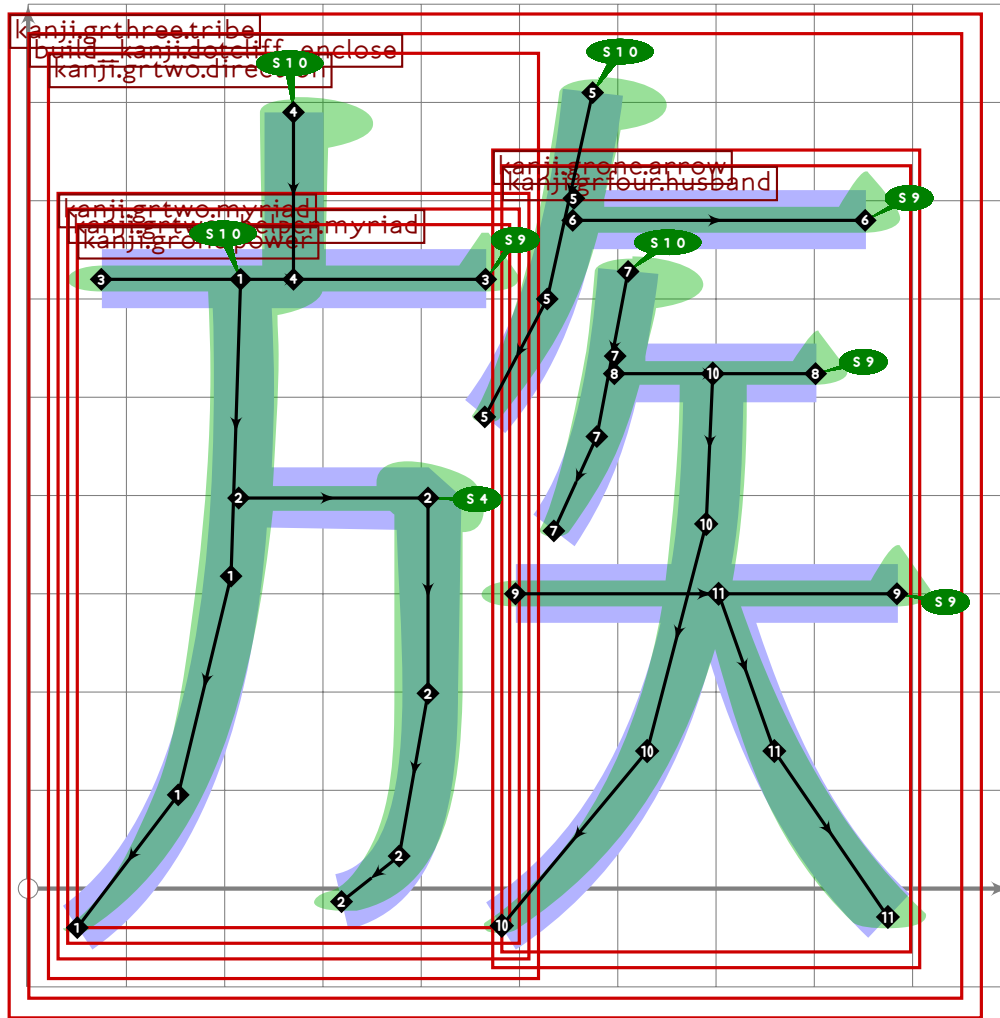
```



```

106
107 vardef kanji.grthree.travel =
108   push_pbox_toexpand("kanji.grthree.travel");
109   build_kanji.level(build_kanji.flag_enclose(0.8,0.8)
110     (kanji.radical.travel_inside));
111   expand_pbox;
112 enddef;

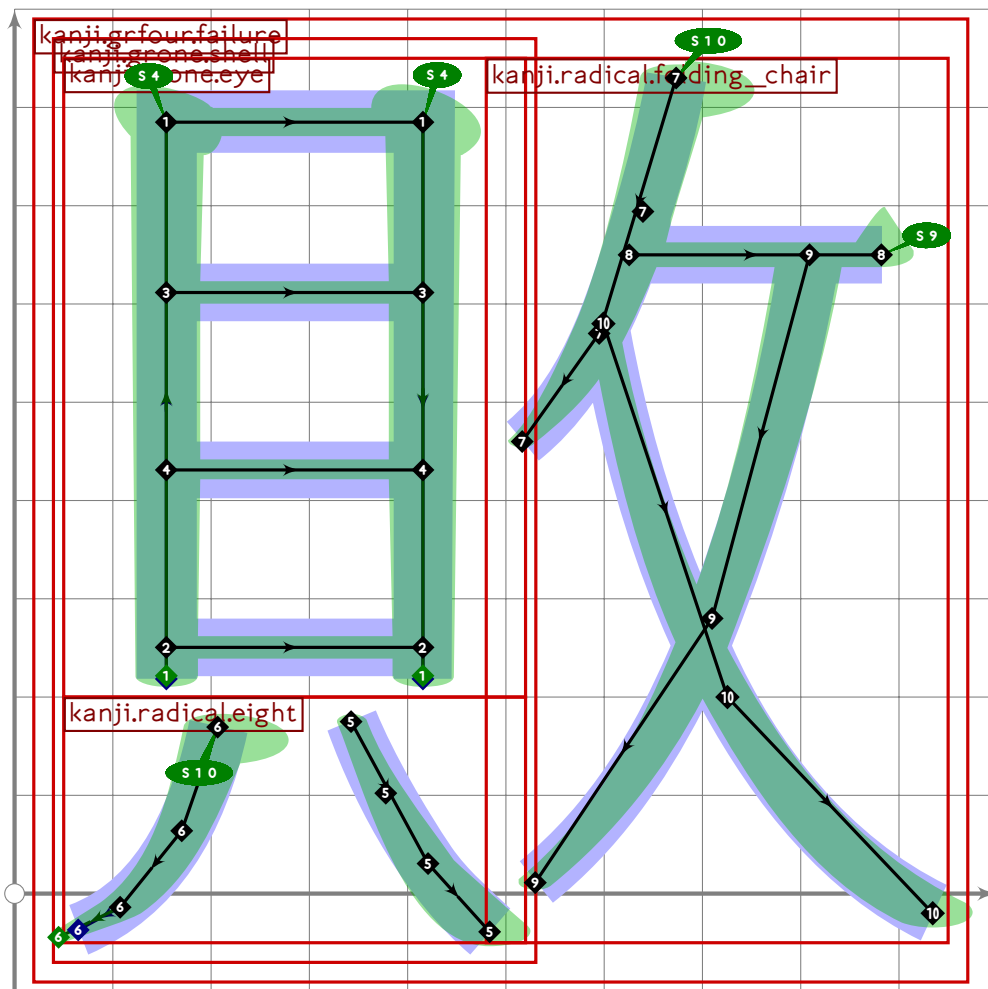
```



```

113
114 vardef kanji.grthree.tribe =
115   push_pbox_toexpand("kanji.grthree.tribe");
116   build_kanji.level(build_kanji.flag_enclose(0.8,0.8)(
117     kanji.grtwo.arrow;
118     replace_stroke(-4)(oldp shifted (-500,0)
119       xscaled 0.86 shifted (500,0));
120     replace_stroke(-3)(oldp shifted (-500,0)
121       xscaled 0.86 shifted (500,0))));
122   expand_pbox;
123 enddef;
124
125

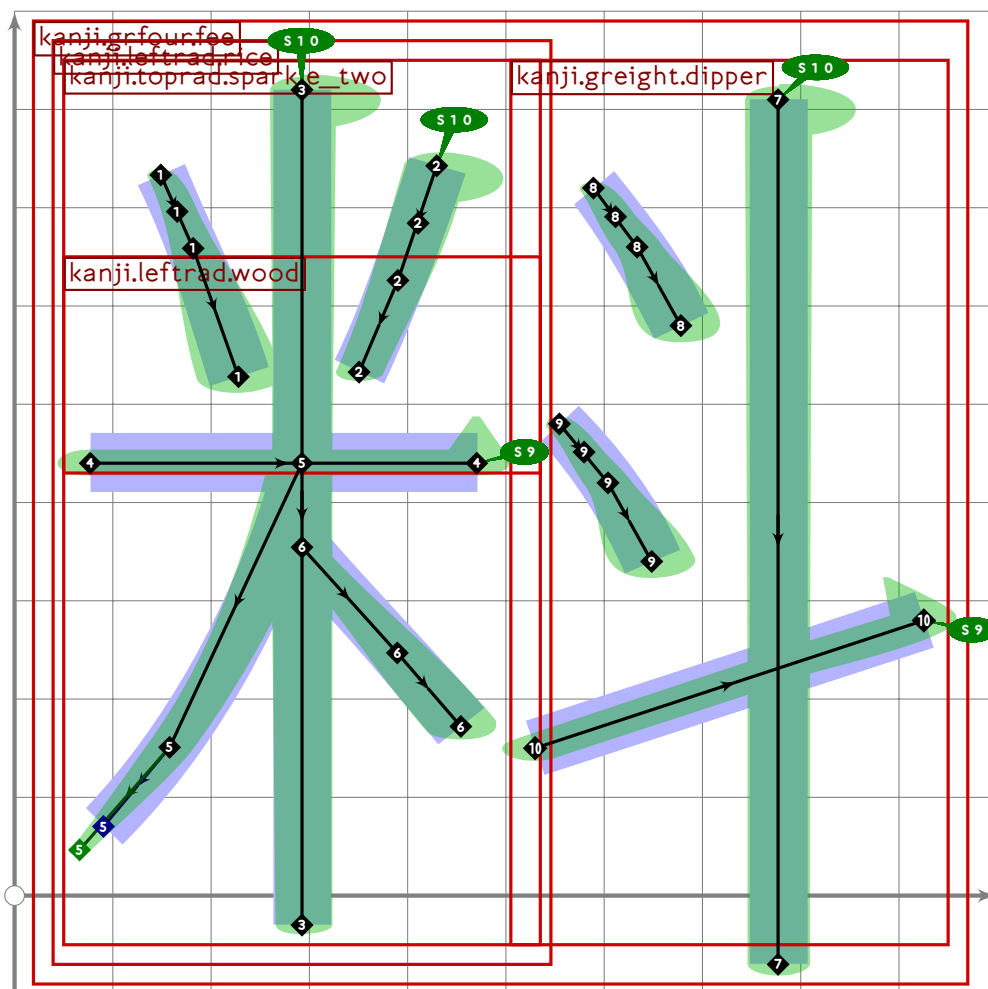
```



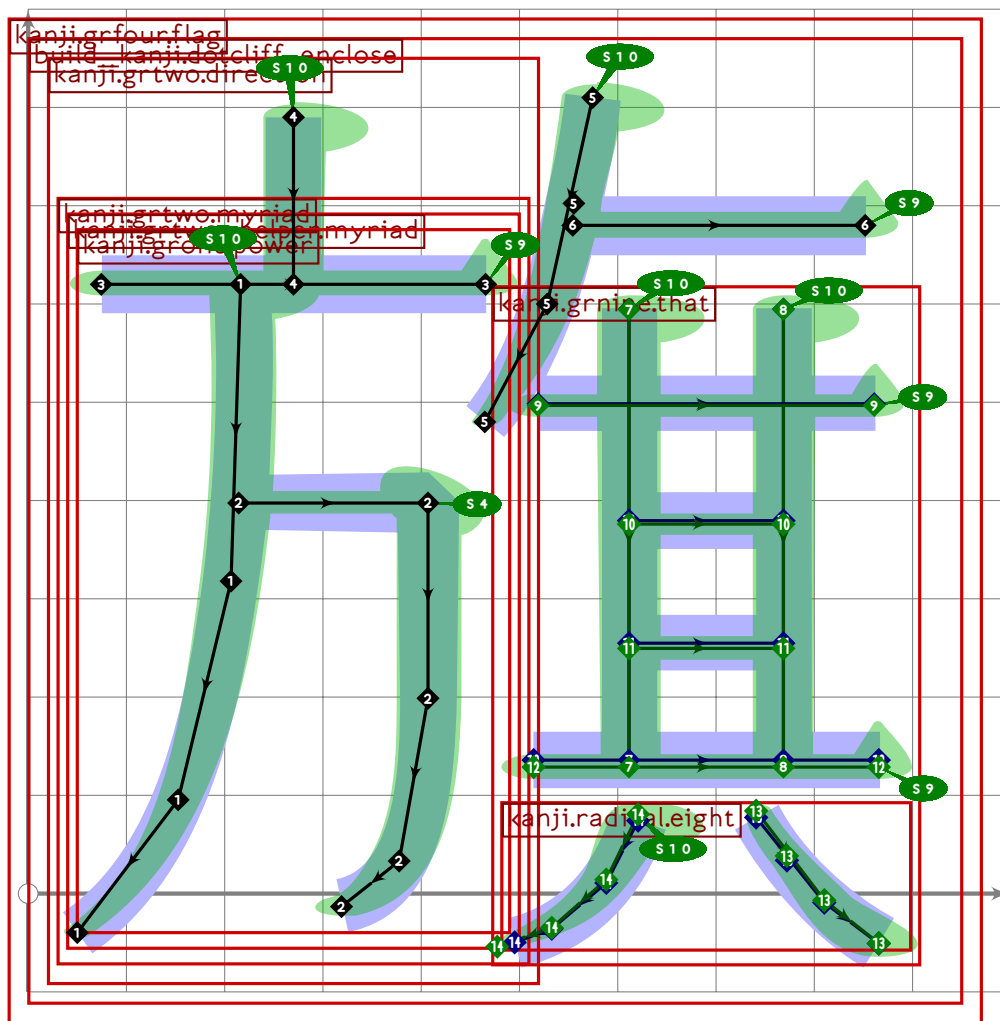
```

126
127 vardef kanji.grfour.failure =
128   push_pbox_toexpand("kanji.grfour.failure");
129   build_kanji.level(build_kanji.lr(500,40)
130     (kanji.grone.shell)
131     (kanji.radical.folding_chair;
132       replace_stroke(-1)(subpath (0,length(olddp)-0.17) of oldp)));
133   expand_pbox;
134 enddef;

```



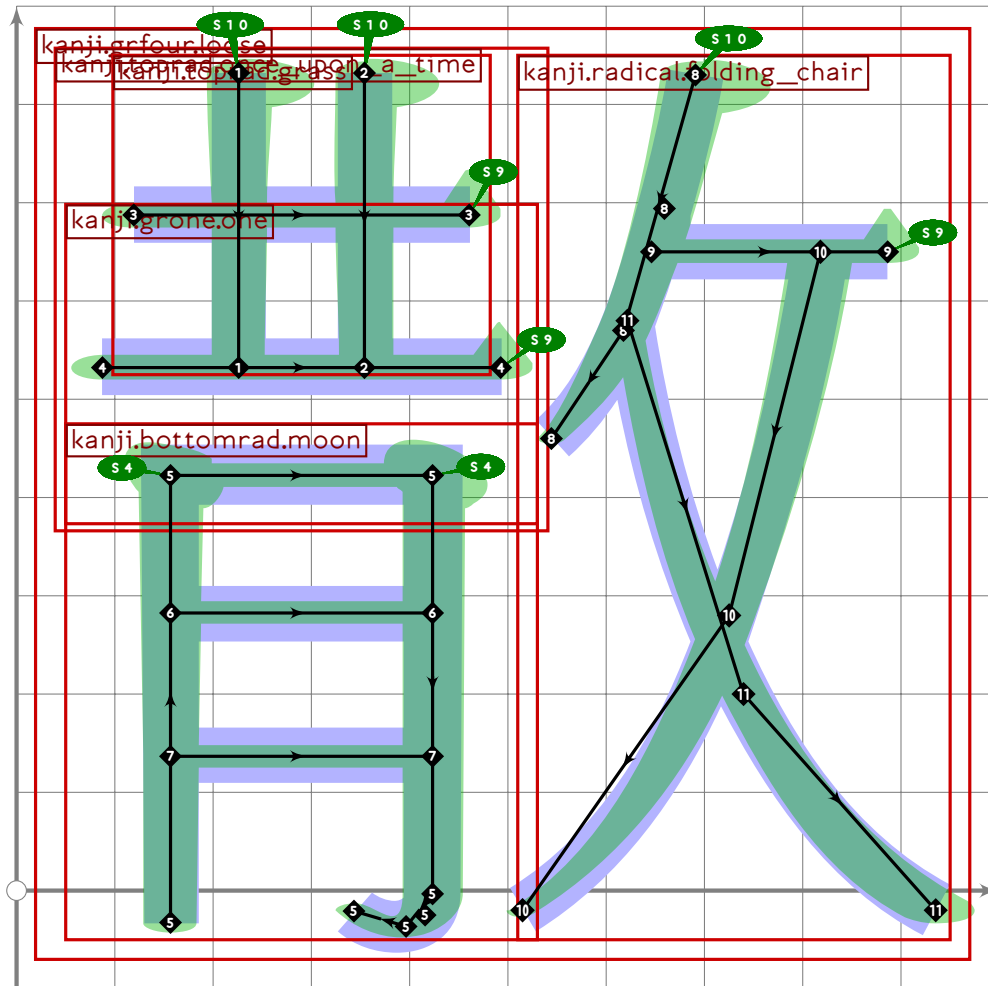
2283



```

143
144 vardef kanji.grfour.flag =
145   push_pbox_toexpand("kanji.grfour.flag");
146   build_kanji.level(build_kanji.flag_enclose(0.8,0.75)
147     (kanji.grnine.that));
148   expand_pbox;
149 enddef;

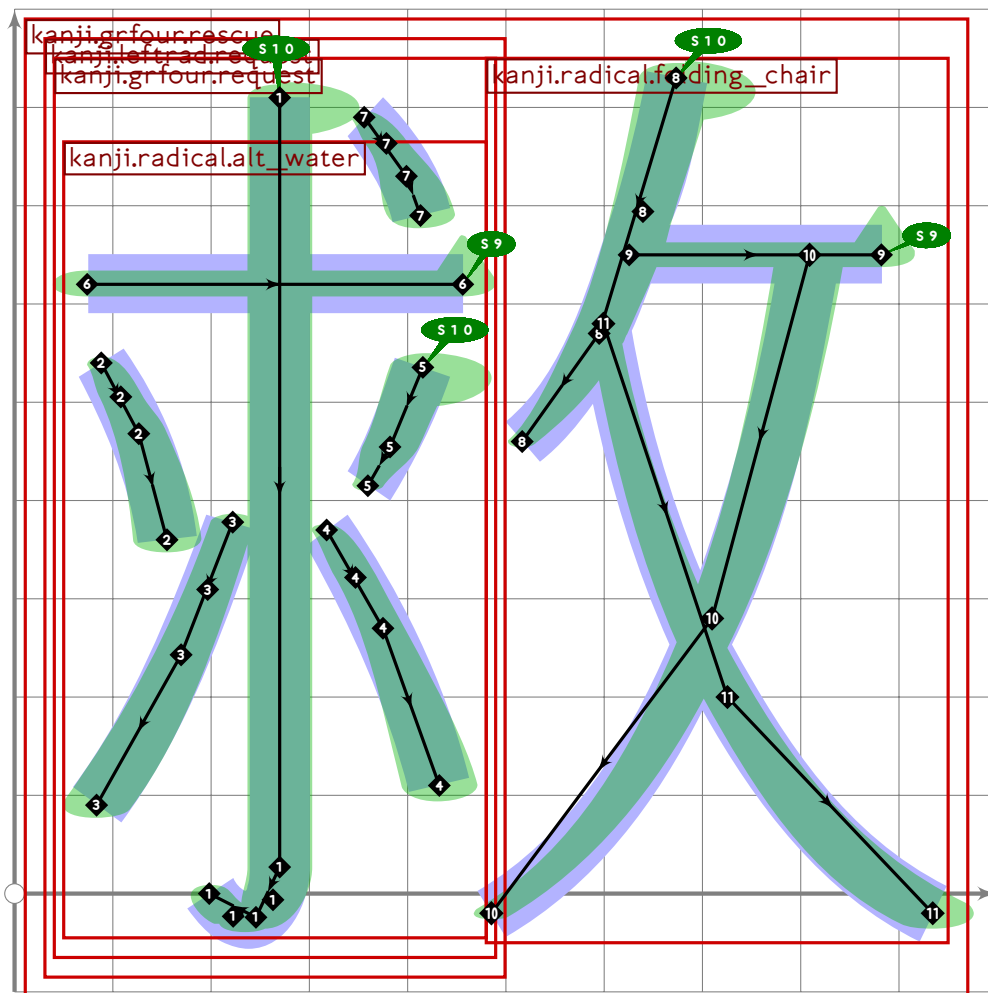
```



```

150
151 vardef kanji.grfour.loose =
152   push_pbox_toexpand("kanji.grfour.loose");
153   build_kanji.level(build_kanji.lr(520,20)
154     (build_kanji.tb(500;-50)
155       (kanji.toprad.once_upon_a_time)
156       (kanji.bottomrad.moon))
157     (kanji.radical.folding_chair));
158   expand_pbox;
159 enddef;

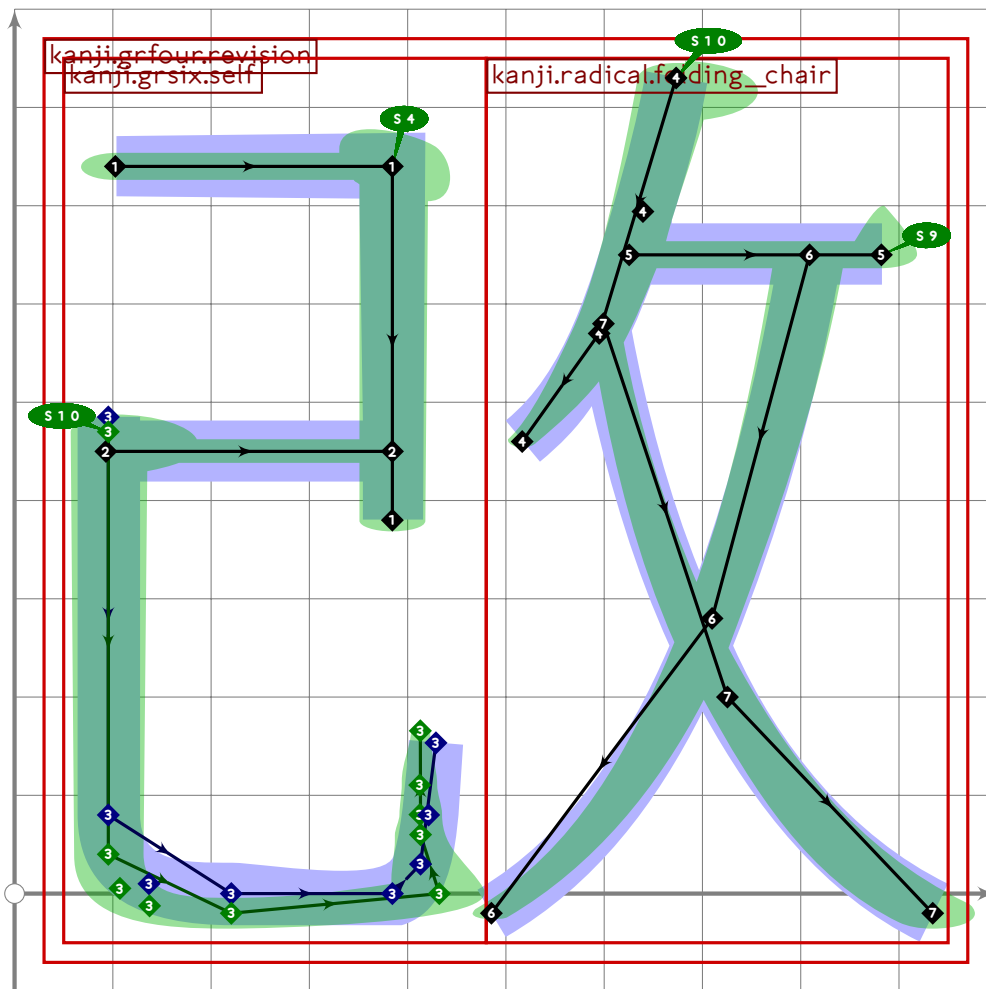
```



```

160
161 vardef kanji.grfour.rescue =
162   push_pbox_toexpand("kanji.grfour.rescue");
163   build_kanji.level(build_kanji.lr(480,0)
164     (kanji.leftrad.request)
165     (kanji.radical.folding_chair));
166   expand_pbox;
167 enddef;

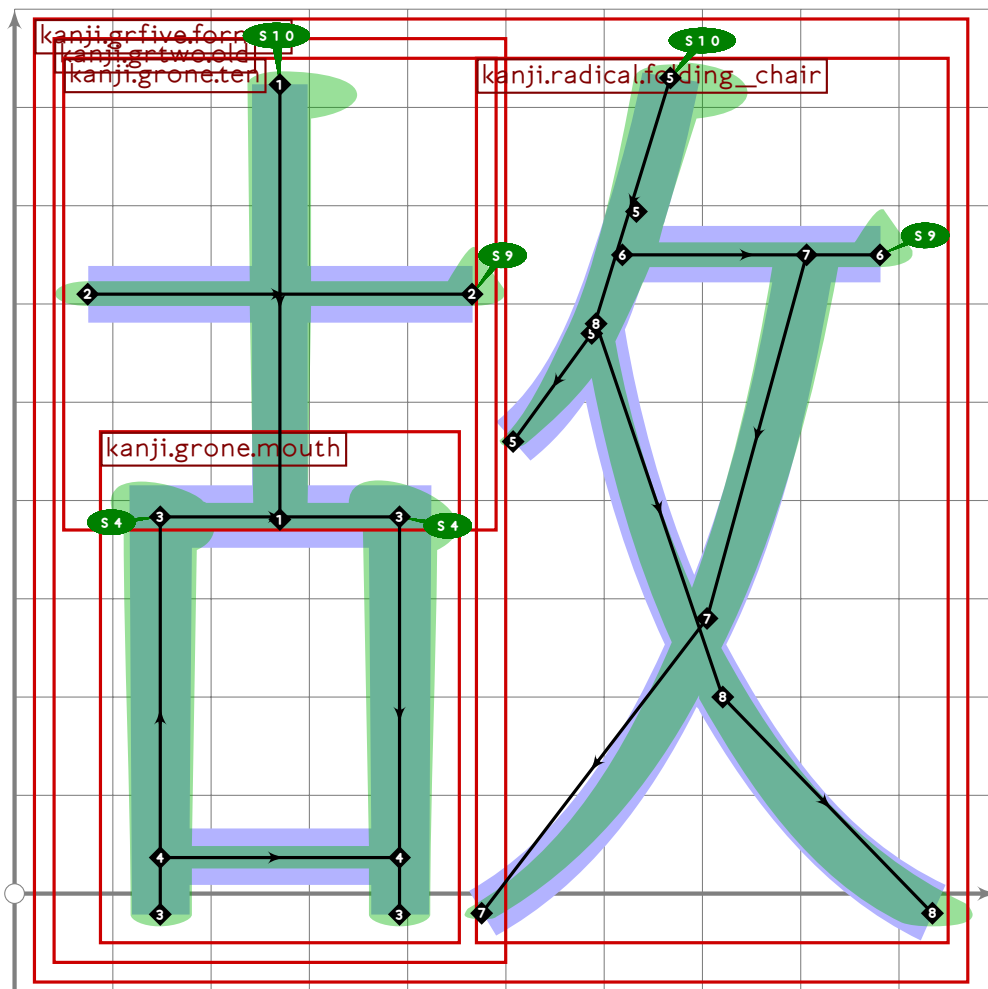
```

```

168
169 vardef kanji.grfour.revision =
170   push_pbox_toexpand("kanji.grfour.revision");
171   build_kanji.level(build_kanji.lr(480,0)
172     (kanji.grsix.self)
173     (kanji.radical.folding_chair));
174   expand_pbox;
175 enddef;
176
177

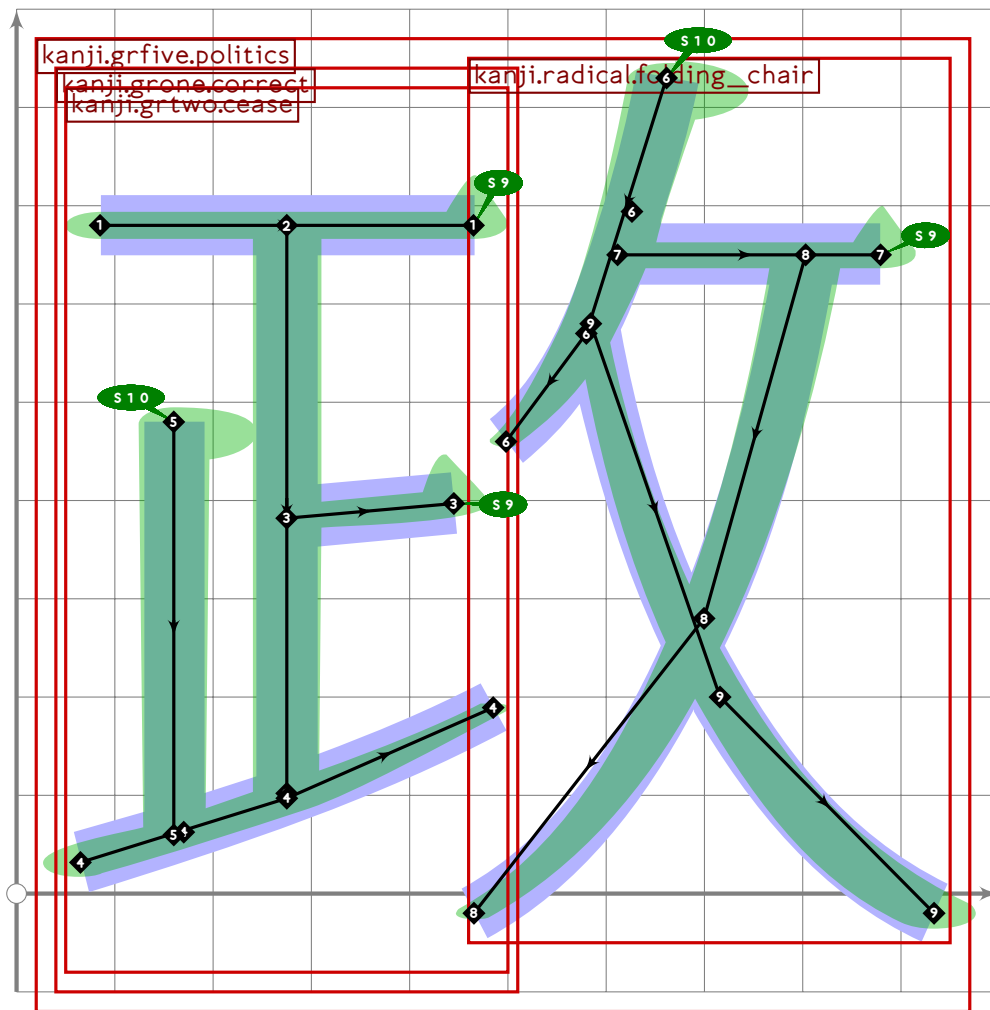
```



```

178
179 vardef kanji.grfive.former =
180   push_pbox_toexpand("kanji.grfive.former");
181   build_kanji.level(build_kanji.lr(480,20)
182     (kanji.grtwo.old)
183     (kanji.radical.folding_chair));
184   expand_pbox;
185 enddef;

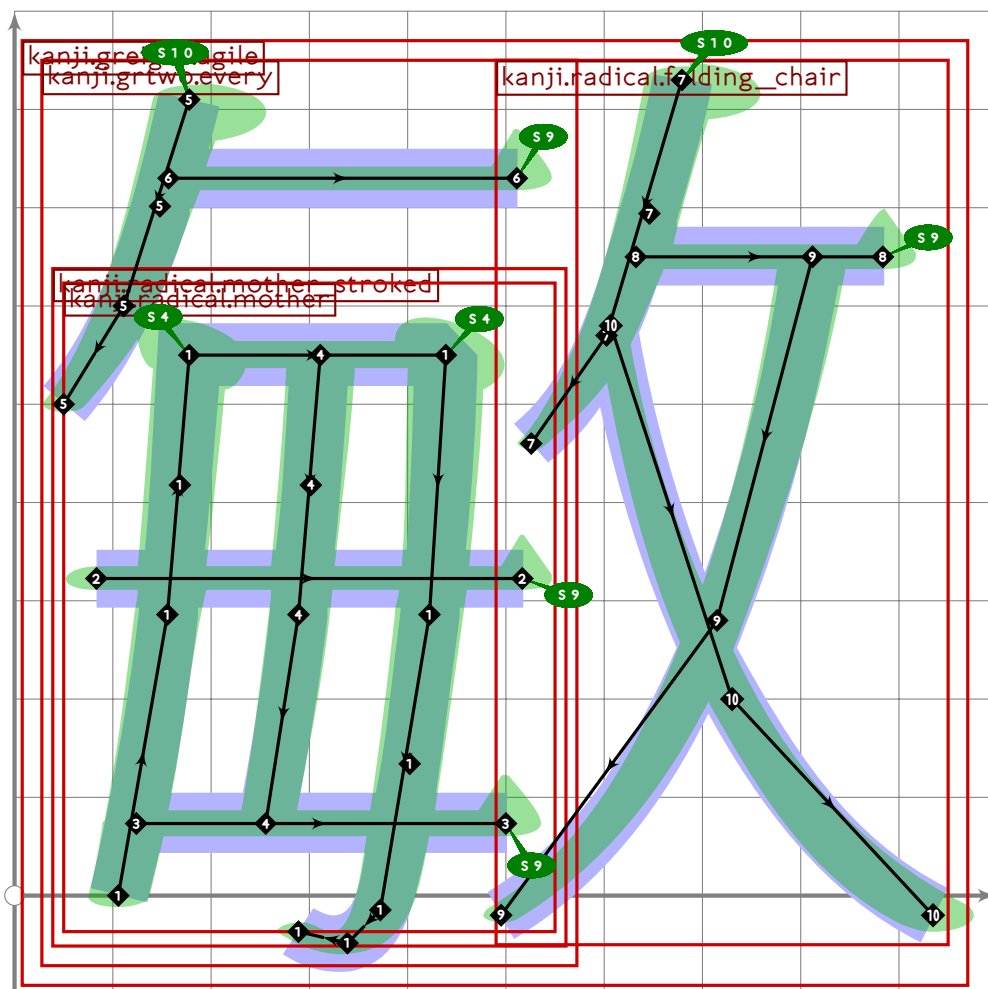
```



```

186
187 vardef kanji.grfive.politics =
188   push_pbox_toexpand("kanji.grfive.politics");
189   build_kanji.level(build_kanji.lr(480,40)
190     (build_kanji.sscale(shifted (0,30))(build_kanji.lift_skirt(500,200)
191       (kanji.grone.correct)))
192     (kanji.radical.folding_chair));
193   expand_pbox;
194 enddef;
195
196

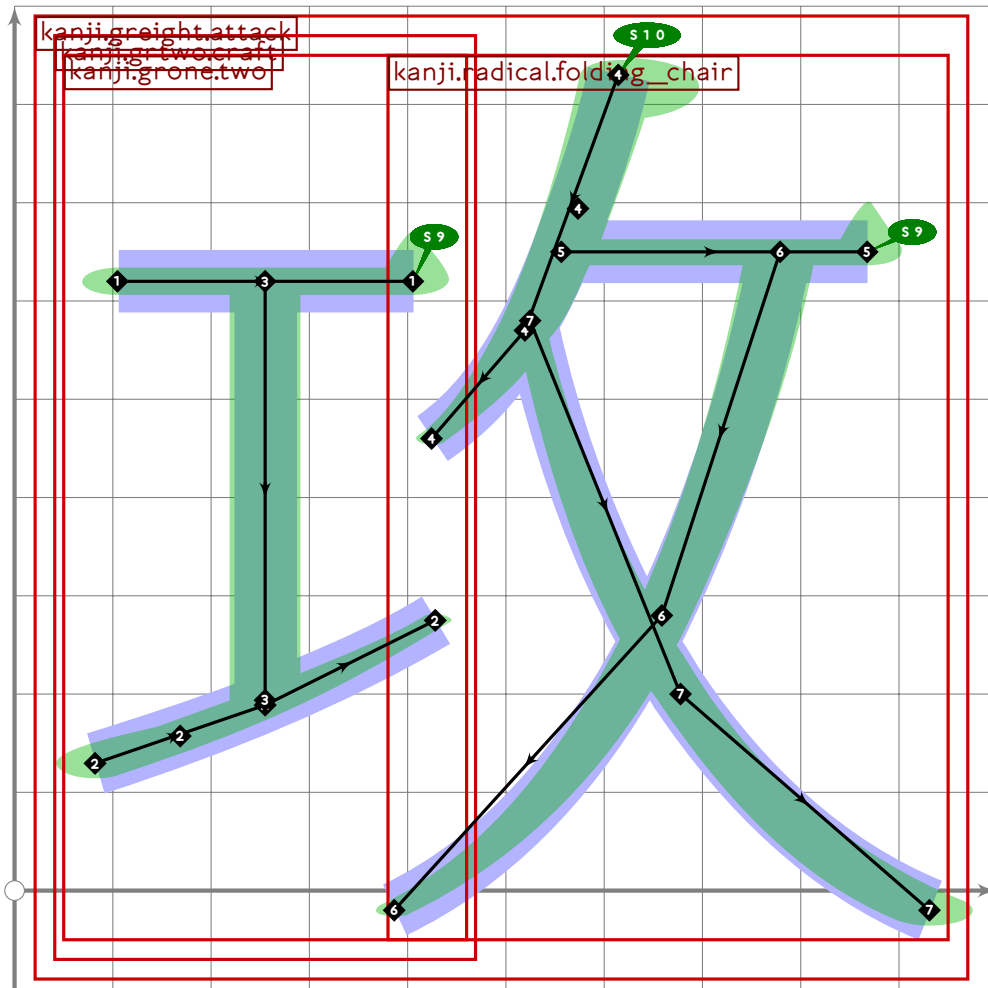
```



```

197
198 vardef kanji.greight.agile =
199   push_pbox_toexpand("kanji.greight.agile");
200   build_kanji.level(build_kanji.lr(520,60)
201     (kanji.grtwo.every)
202     (kanji.radical.folding_chair));
203   expand_pbox;
204 enddef;

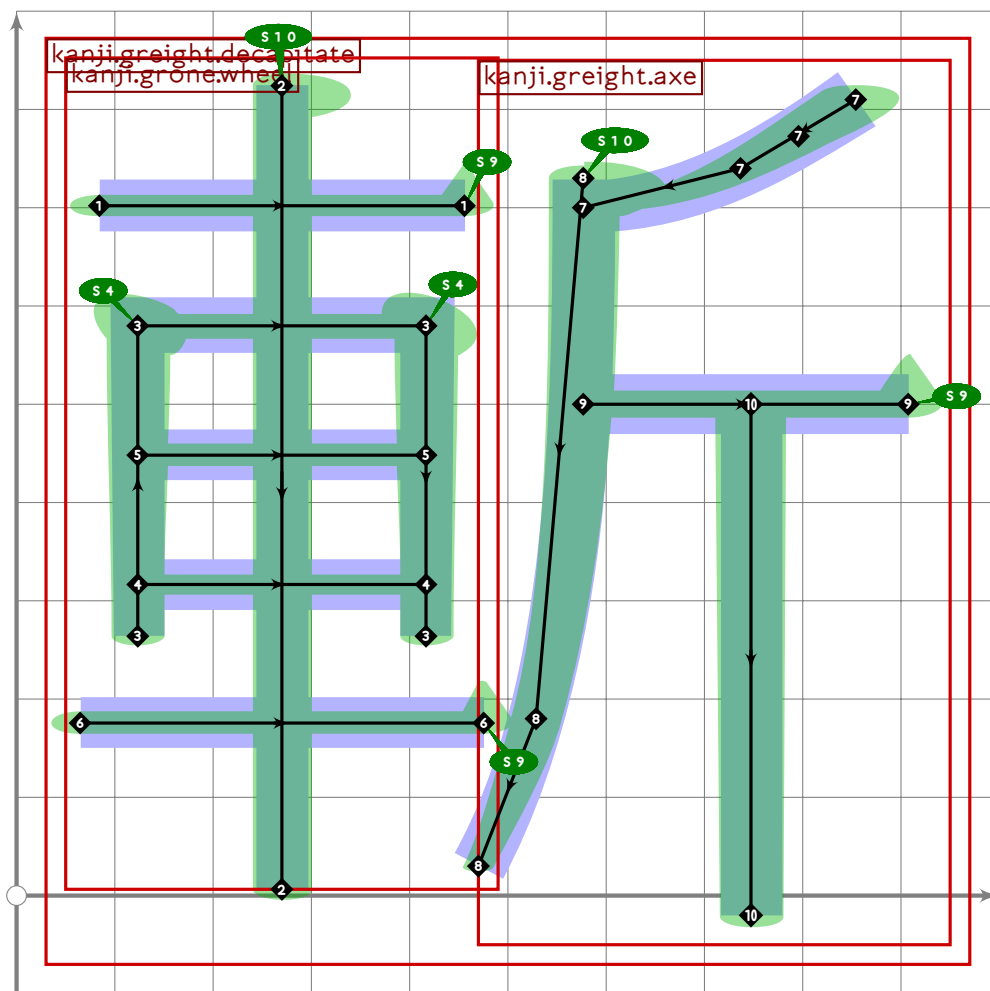
```



```

205
206 vardef kanji.greight.attack =
207   push_pbox_toexpand("kanji.greight.attack");
208   build_kanji.level(build_kanji.lr(420,80)
209     (build_kanji.lift_skirt(400,250)(kanji.grtwo.craft))
210     (kanji.radical.folding_chair));
211   expand_pbox;
212 enddef;

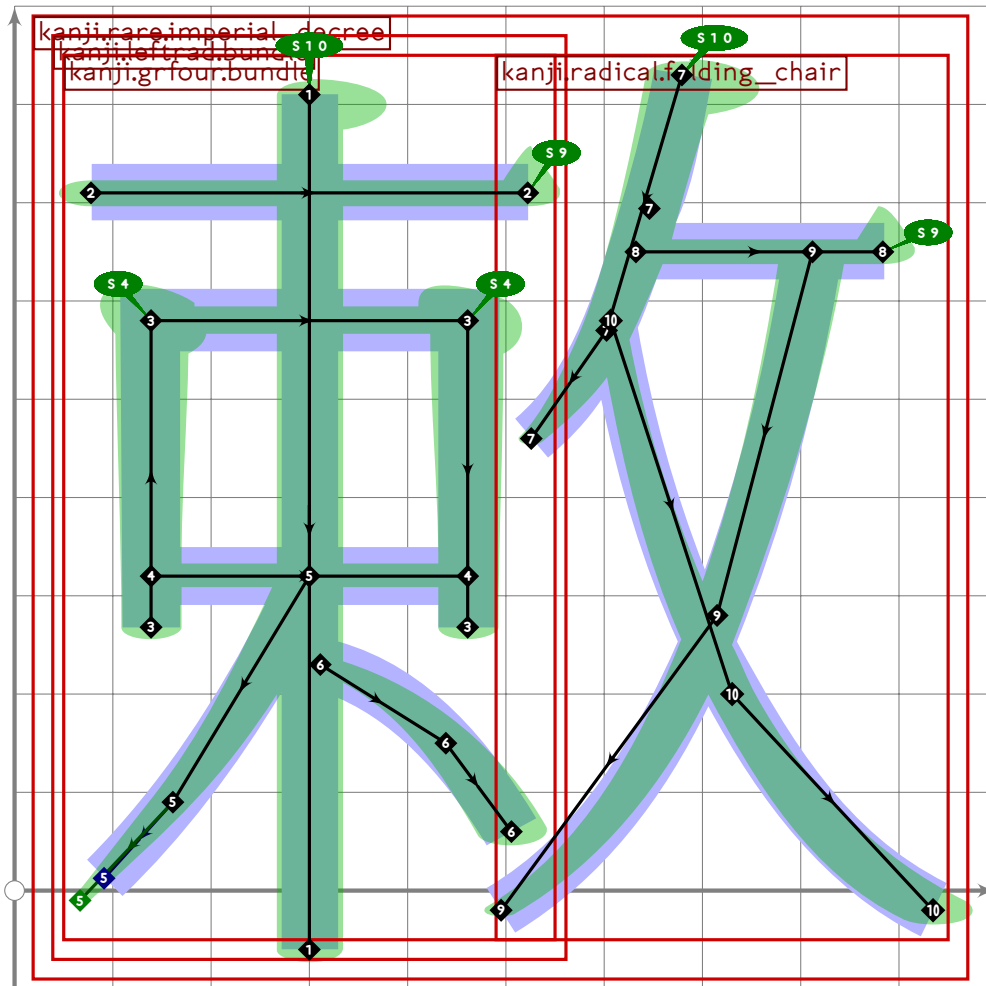
```



```

213
214 vardef kanji.greight.decapitate =
215   push_pbox_toexpand("kanji.greight.decapitate");
216   build_kanji.lr(480,20)
217     (build_kanji.sscale(yscaled 0.94 shifted (0,30))
218       (kanji.grone.wheel))
219     (kanji.greight.axe);
220   expand_pbox;
221 enddef;
222
223

```



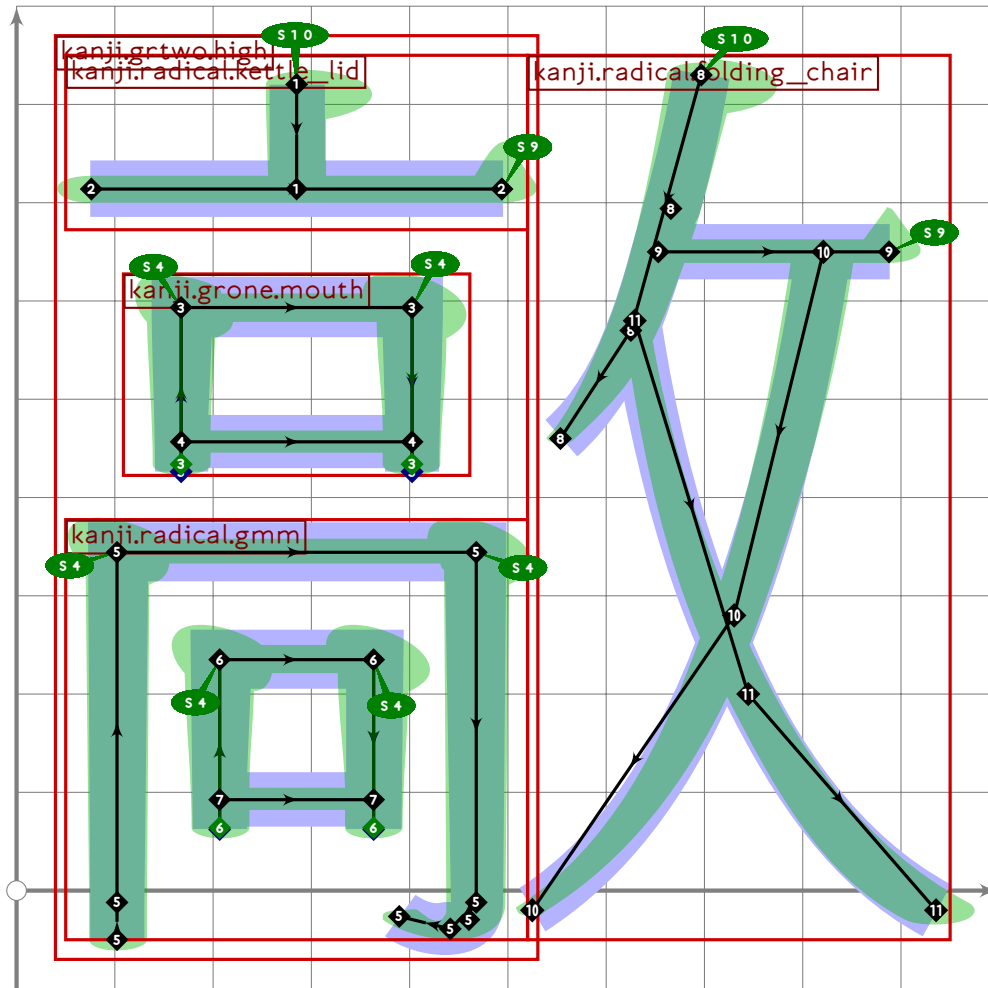
```

224
225 vardef kanji.rare.imperial_decree =
226   push_pbox_toexpand("kanji.rare.imperial_decree");
227   build_kanji.level(build_kanji.lr(520,60)
228     (kanji.leftrad.bundle)
229     (kanji.radical.folding_chair));
230   expand_pbox;
231 enddef;
232
233
234
235 vardef kanji.leftrad.bundle =
236   push_pbox_toexpand("kanji.leftrad.bundle");
237   kanji.grfour.bundle;
238   replace_strokep(0)((520,230)..(750,150)..(870,60));
239   expand_pbox;
240 enddef;
241
242
243
244 % shi/sasa "support"

```

245 begintsuglyph("uni652F";47); [see page 652]
 246 kanji.grfive.support;
 247 tsu_render;
 248 endtsuglyph;
 249
 250 % "folding chair" radical
 251 begintsuglyph("uni6535";53); [see page 695]
 252 kanji.radical.folding_chair;
 253 tsu_render;
 254 endtsuglyph;
 255
 256 % kai/arata "revision"
 257 begintsuglyph("uni6539";57); [see page 2287]
 258 kanji.grfour.revision;
 259 tsu_render;
 260 endtsuglyph;
 261
 262 % kou/se attack
 263 begintsuglyph("uni653B";59); [see page 2291]
 264 kanji.greight.attack;
 265 tsu_render;
 266 endtsuglyph;
 267
 268 % hou/hana "release"
 269 begintsuglyph("uni653E";62); [see page 2279]
 270 kanji.grthree.release;
 271 tsu_render;
 272 endtsuglyph;
 273
 274 % sei/matsurigoto politics
 275 begintsuglyph("uni653F";63); [see page 2289]
 276 kanji.grfive.politics;
 277 tsu_render;
 278 endtsuglyph;
 279
 280 % ko/yue "former"
 281 begintsuglyph("uni6545";69); [see page 2288]
 282 kanji.grfive.former;
 283 tsu_render;
 284 endtsuglyph;
 285
 286 % bin/satoi "agile"
 287 begintsuglyph("uni654F";79); [see page 2290]
 288 kanji.greight.agile;
 289 tsu_render;
 290 endtsuglyph;
 291
 292 % kyu/suku "rescue"

293 `begintsuglyph("uni6551";81);` [see page 2286]
 294 `kanji.grfour.rescue;`
 295 `tsu_render;`
 296 `endtsuglyph;`
 297
 298 `% choku/imashi "imperial decree"`
 299 `begintsuglyph("uni6555";85);` [see page 2293]
 300 `kanji.rare.imperial_decree;`
 301 `tsu_render;`
 302 `endtsuglyph;`
 303
 304 `% hai/yabu "failure"`
 305 `begintsuglyph("uni6557";87);` [see page 2282]
 306 `kanji.grfour.failure;`
 307 `tsu_render;`
 308 `endtsuglyph;`
 309
 310 `% kyou/oshi "teaching"`
 311 `begintsuglyph("uni6559";89);` [see page 2277]
 312 `kanji.grtwo.teaching;`
 313 `tsu_render;`
 314 `endtsuglyph;`
 315
 316 `% san/chi "loose"`
 317 `begintsuglyph("uni6563";99);` [see page 2285]
 318 `kanji.grfour.loose;`
 319 `tsu_render;`
 320 `endtsuglyph;`
 321
 322 `% kei/uyama "respect"`
 323 `begintsuglyph("uni656C";108);` [see page 665]
 324 `kanji.grsix.respect;`
 325 `tsu_render;`
 326 `endtsuglyph;`
 327
 328 `% suu/kazu "number"`
 329 `begintsuglyph("uni6570";112);` [see page 2276]
 330 `kanji.grtwo.number;`
 331 `tsu_render;`
 332 `endtsuglyph;`
 333



```

334 % extra: kou/tata "beat or hit"
335 begintsuglyph("uni6572",114);
336   build_kanji.level(build_kanji.lr(520,0)
337     (kanji.grtwo.high)
338     (kanji.radical.folding_chair));
339   tsu_render;
340 endtsuglyph;
341
342 % sei/totono "organize"
343 begintsuglyph("uni6574",116);
344   kanji.grthree.organize;
345   tsu_render;
346 endtsuglyph;
347
348 % bun/fumi "sentence"
349 begintsuglyph("uni6587",135);
350   kanji.grone.sentence;
351   tsu_render;
352 endtsuglyph;
353
354 % to/masu "dipper"

```

[see page 2278]

[see page 465]

[see page 743]

```

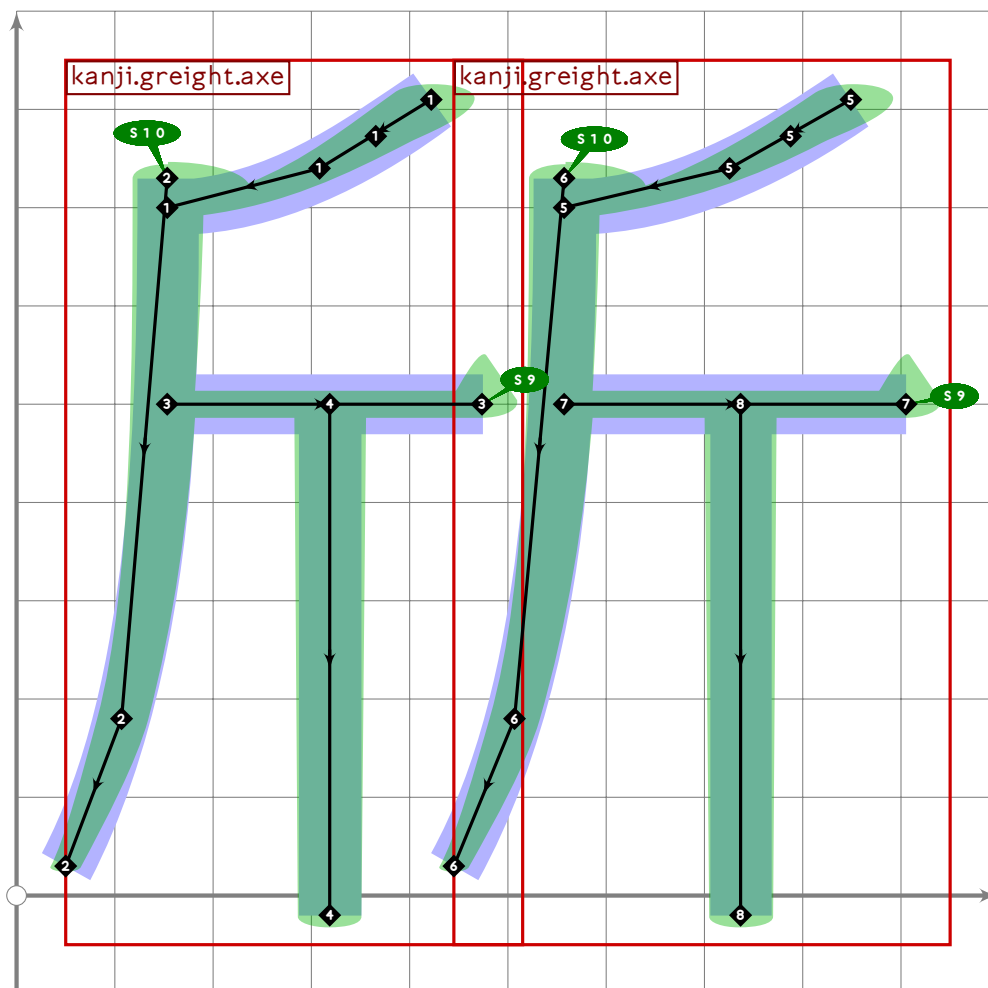
355 begintsuglyph("uni6597";151);
356   kanji.greight.dipper;
357   tsu_render;
358 endsuglyph;
359
360 % ryou "fee" (also "cooking" in compound words)
361 begintsuglyph("uni6599";153);
362   kanji.grfour.fee;
363   tsu_render;
364 endsuglyph;
365
366 % kin/ono "axe"
367 begintsuglyph("uni65A4";164);
368   kanji.greight.axe;
369   tsu_render;
370 endsuglyph;
371

```

[see page 2283]

65

[see page 737]



```

372 % extra
373 begintsuglyph("uni65A6";166);
374   build_kanji.level(build_kanji.lr(480,70)
375     (kanji.greight.axe)

```

```

376     (kanji.greight.axe));
377     tsu_render;
378 endtsuglyph;
379
380 % zan/ki "decapitate
381     begintsuglyph("uni65AC";172); [see page 2292]
382     kanji.greight.decapitate;
383     tsu_render;
384 endtsuglyph;
385
386 % shin/atara "new"
387     begintsuglyph("uni65B0";176); [see page 2275]
388     kanji.grtwo.new;
389     tsu_render;
390 endtsuglyph;
391
392 % hou/kata "direction" or "how to do it"
393     begintsuglyph("uni65B9";185); [see page 495]
394     kanji.grtwo.direction;
395     tsu_render;
396 endtsuglyph;
397
398 % needed for "play"
399     begintsuglyph("uni65BF";191); [see page 853]
400     kanji.rare.swim;
401     tsu_render;
402 endtsuglyph;
403
404 % ryo/tabi "travel"
405     begintsuglyph("uni65C5";197); [see page 2280]
406     kanji.grthree.travel;
407     tsu_render;
408 endtsuglyph;
409
410 % zoku "tribe"
411     begintsuglyph("uni65CF";207); [see page 2281]
412     kanji.grthree.tribe;
413     tsu_render;
414 endtsuglyph;
415
416 % ki/hata "flag"
417     begintsuglyph("uni65D7";215); [see page 2284]
418     kanji.grfour.flag;
419     tsu_render;
420 endtsuglyph;
421
422 % ki/sude "already"
423     begintsuglyph("uni65E2";226); [see page 736]

```

```

424 kanji.greight.already;
425 tsu_render;
426 endtsuglyph;
427
428 % hi/nichi "day"
429 begintsuglyph("uni65E5",229); [see page 425]
430 kanji.grone.day;
431 tsu_render;
432 endtsuglyph;
433
434 % tan/aki "daybreak"
435 begintsuglyph("uni65E6",230); [see page 740]
436 kanji.greight.daybreak;
437 tsu_render;
438 endtsuglyph;
439
440 % kyu/furu "old times"
441 begintsuglyph("uni65E7",231); [see page 645]
442 kanji.grfive.old_times;
443 tsu_render;
444 endtsuglyph;
445
446 % shi/mune/uma "vaguely good" or "uma" in "umami"
447 begintsuglyph("uni65E8",232); [see page 750]
448 kanji.greight.glutamate;
449 tsu_render;
450 endtsuglyph;
451
452 % hayaku "early"
453 begintsuglyph("uni65E9",233); [see page 429]
454 kanji.grone.early;
455 tsu_render;
456 endtsuglyph;
457
458 _____
459
460 endfont;
461
462 _____

```

```

1 %
2 % Unicode page 66 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

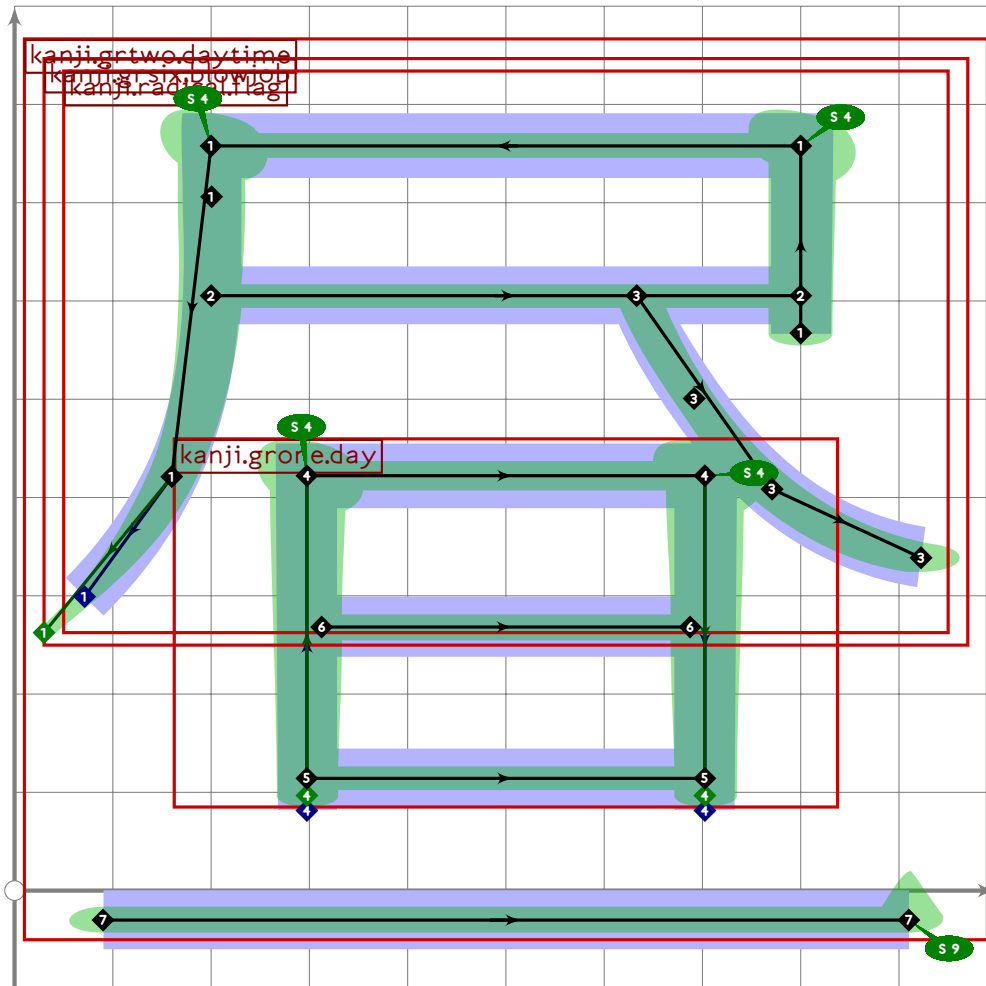
---


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 toprad.mp;
50
51 do_late_includes;
52
53 

---



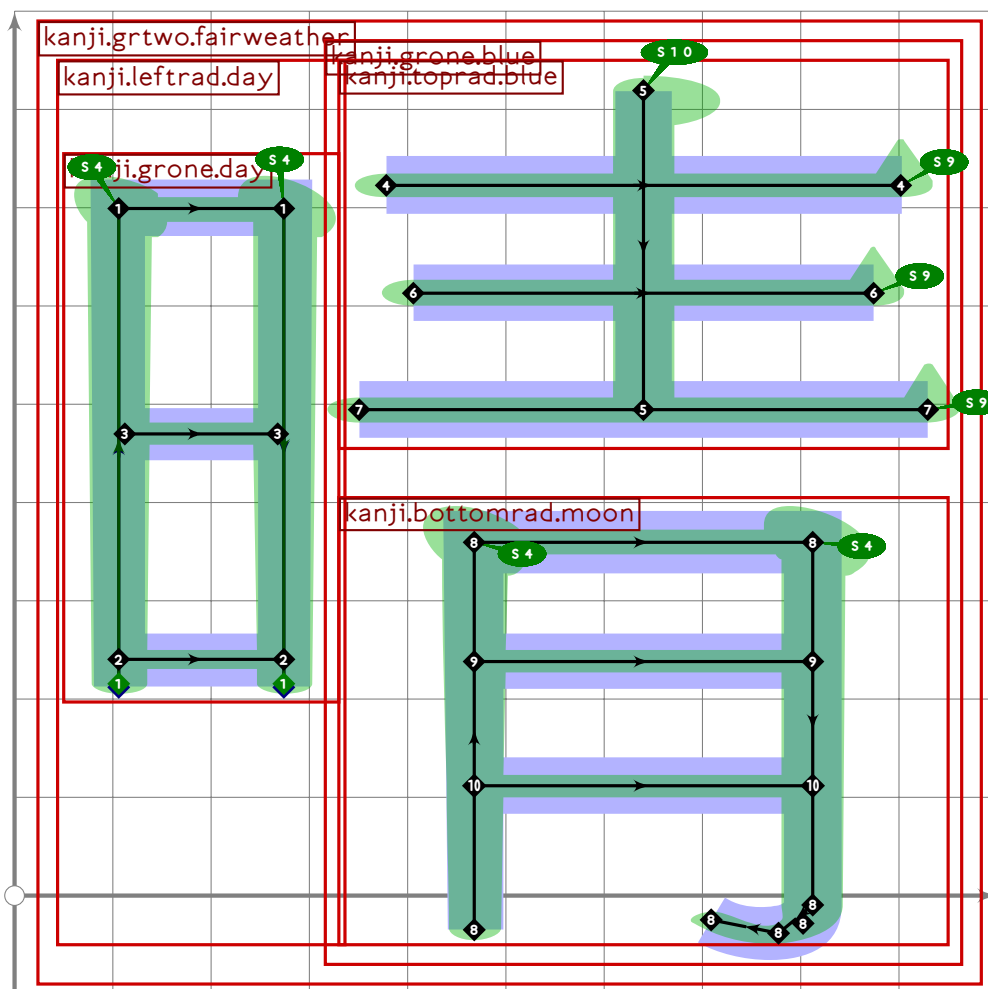
```



```

54
55 vardef kanji.grtwo.daytime =
56   push_pbox_toexpand("kanji.grtwo.daytime");
57   build_kanji.level(build_kanji.sscale(yscaled 0.9 shifted (0,30))
58     (build_kanji.tb(360,290)
59       (build_kanji.spread_legs(280)(kanji.grsix.blowjob))
60       (build_kanji.sscale(scaled 0.75)(kanji.grone.day)));
61   push_stroke((90,-30)-(910,-30),(1.6,1.6)-(1.6,1.6));
62   set_boserif(0,19));
63   expand_pbox;
64 enddef;

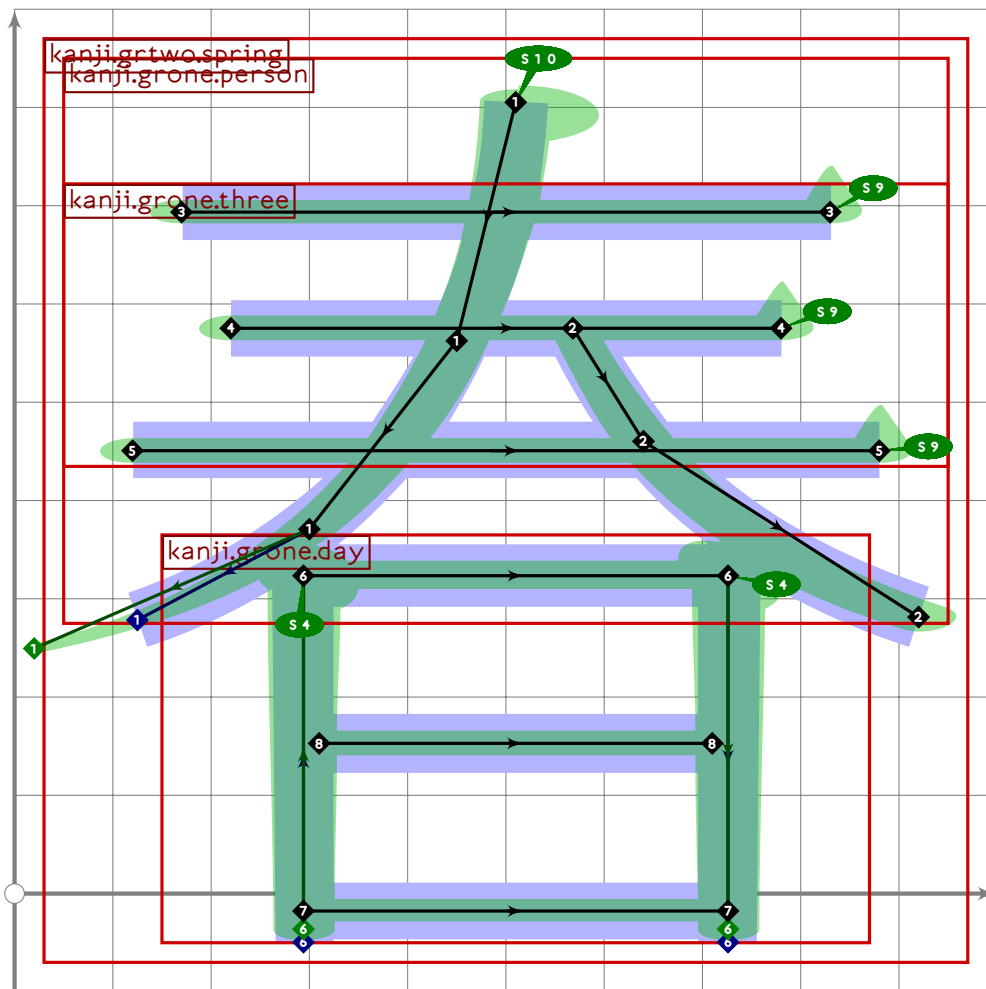
```



```

65
66 vardef kanji.grtwo.fairweather =
67   push_pbox_toexpand("kanji.grtwo.fairweather");
68   build_kanji.lr(330,0)
69     (kanji.leftrad.day)
70     (kanji.grone.blue);
71   expand_pbox;
72 enddef;

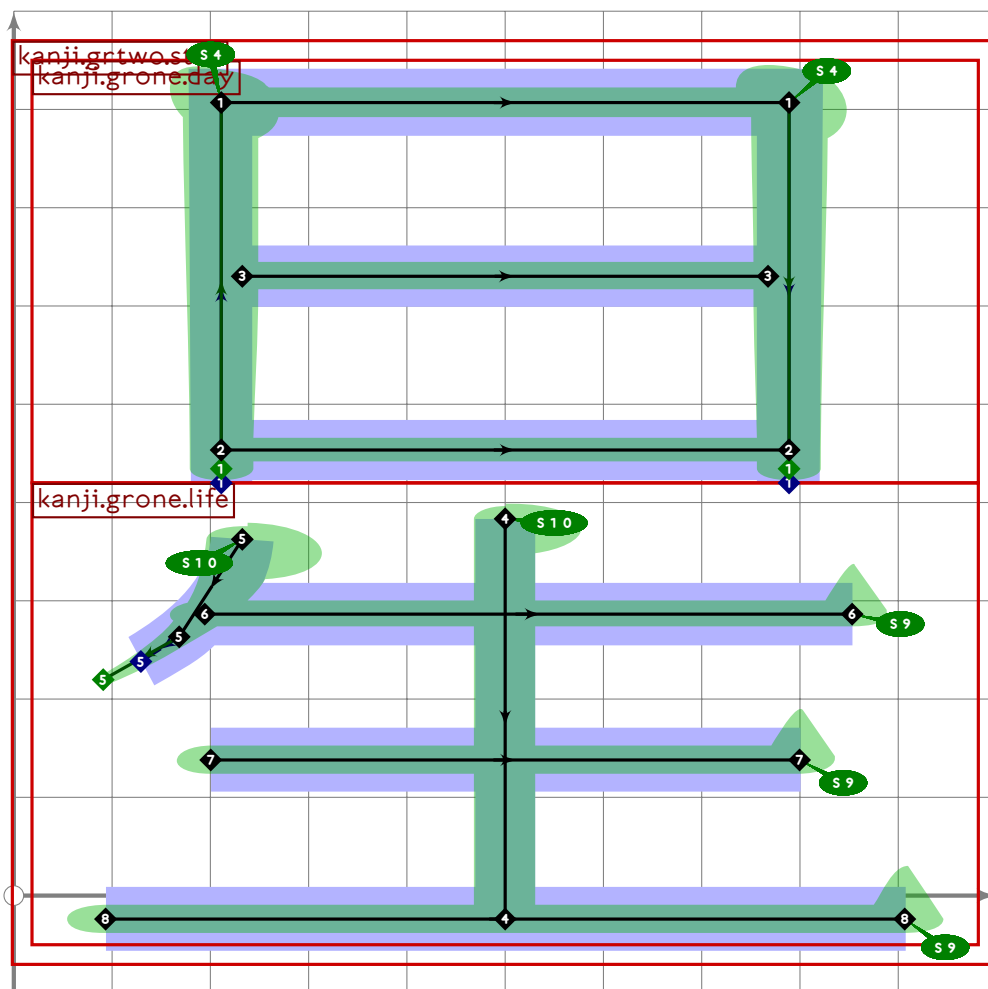
```

```

73
74 vardef kanji.grtwo.spring =
75   push_pbox_toexpand("kanji.grtwo.spring");
76   build_kanji.tb(320,90)
77   (kanji.grone.person;
78     build_kanji.sscale(xyscaled (1,0.5) shifted (0,30))
79     (kanji.grone.three);
80   replace_strokep(-3)
81     (subpath (xpart (oldp intersectiontimes get_strokep(-1)),infinity)
82       of oldp))
83   (build_kanji.sscale(xscaled 0.8 shifted (10,0))
84     (kanji.grone.day));
85   expand_pbox;
86 enddef;

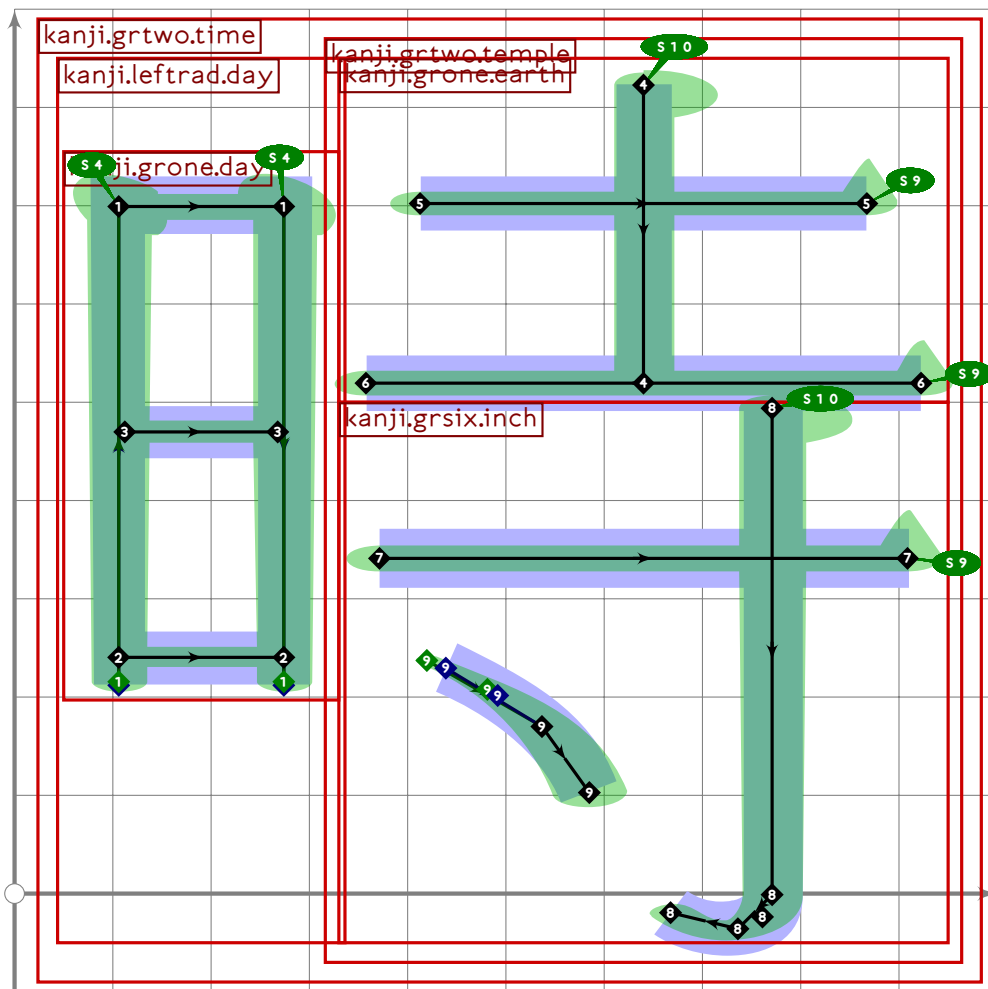
```



```

87
88 vardef kanji.grtwo.star =
89   push_pbox_toexpand("kanji.grtwo.star");
90   build_kanji.sscale(xscaled 1.07)(build_kanji.tb(420,0)
91     (kanji.grone.day)
92     (kanji.grone.life));
93   expand_pbox;
94 enddef;

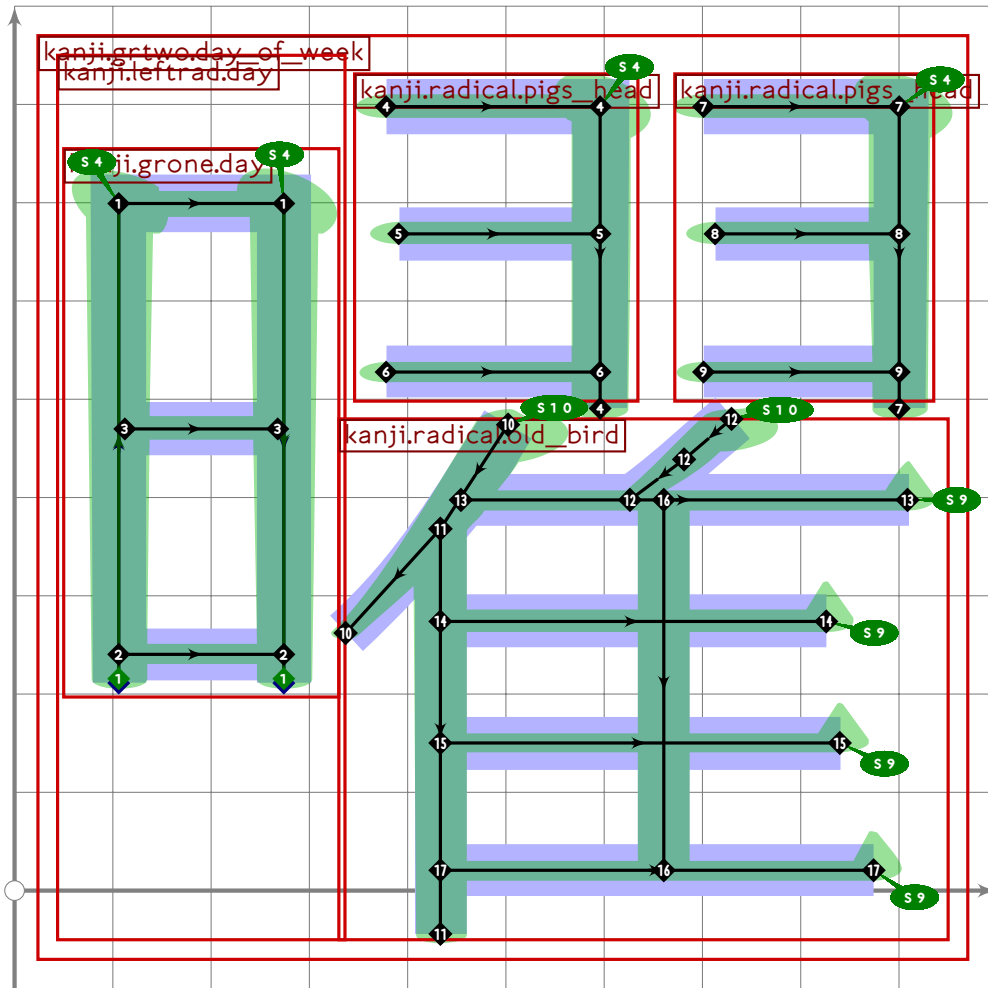
```



```

95
96 vardef kanji.grtwo.time =
97   push_pbox_toexpand("kanji.grtwo.time");
98   build_kanji.lr(330,0)
99   (kanji.leftrad.day)
100   (kanji.grtwo.temple);
101   expand_pbox;
102 enddef;

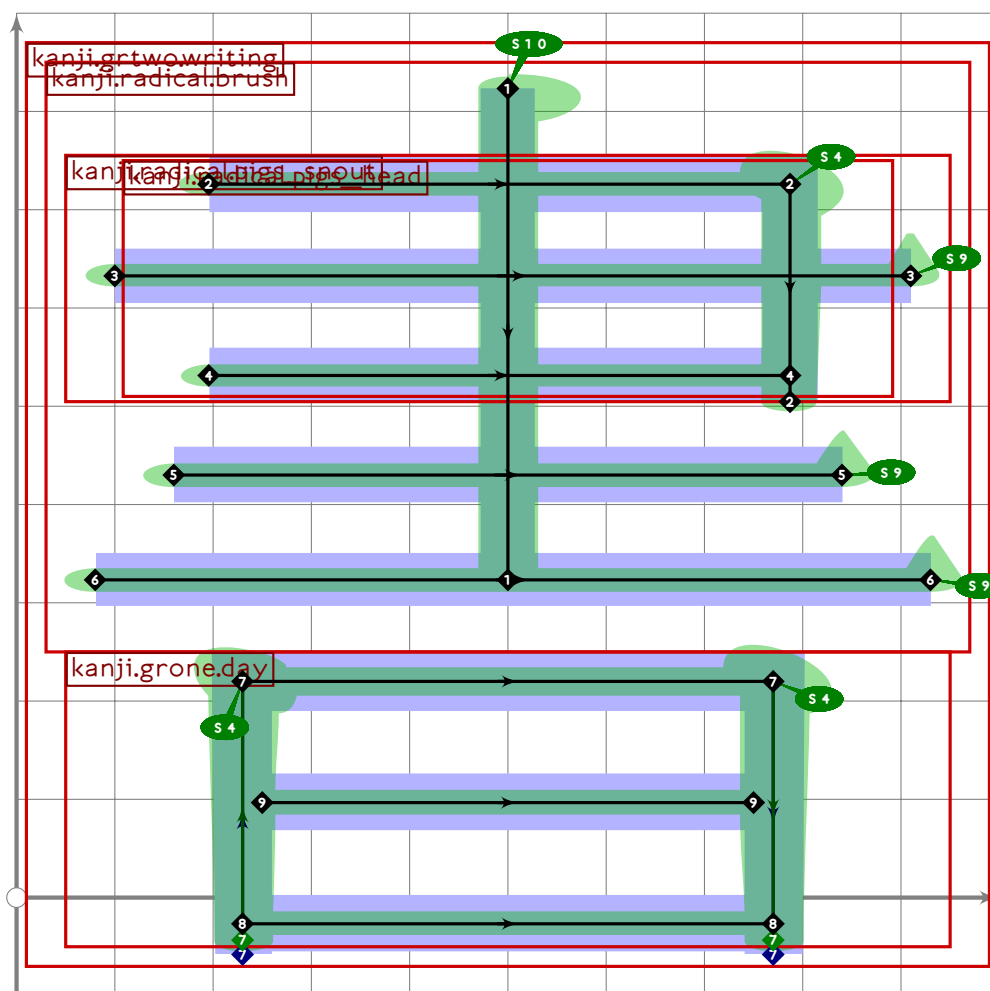
```



```

103
104 vardef kanji.grtwo.day_of_week =
105   push_pbox_toexpand("kanji.grtwo.day_of_week");
106   build_kanji.level(build_kanji.lr(330,0)
107     (kanji.leftrad.day)
108     (build_kanji.tb(480,0)
109       (build_kanji.lr(520,-10)
110         (build_kanji.sscale(scaled 0.9)
111           (kanji.radical.pigs_head))
112         (build_kanji.sscale(scaled 0.9)
113           (kanji.radical.pigs_head)))
114       (kanji.radical.old_bird)));
115   expand_pbox;
116 enddef;
117

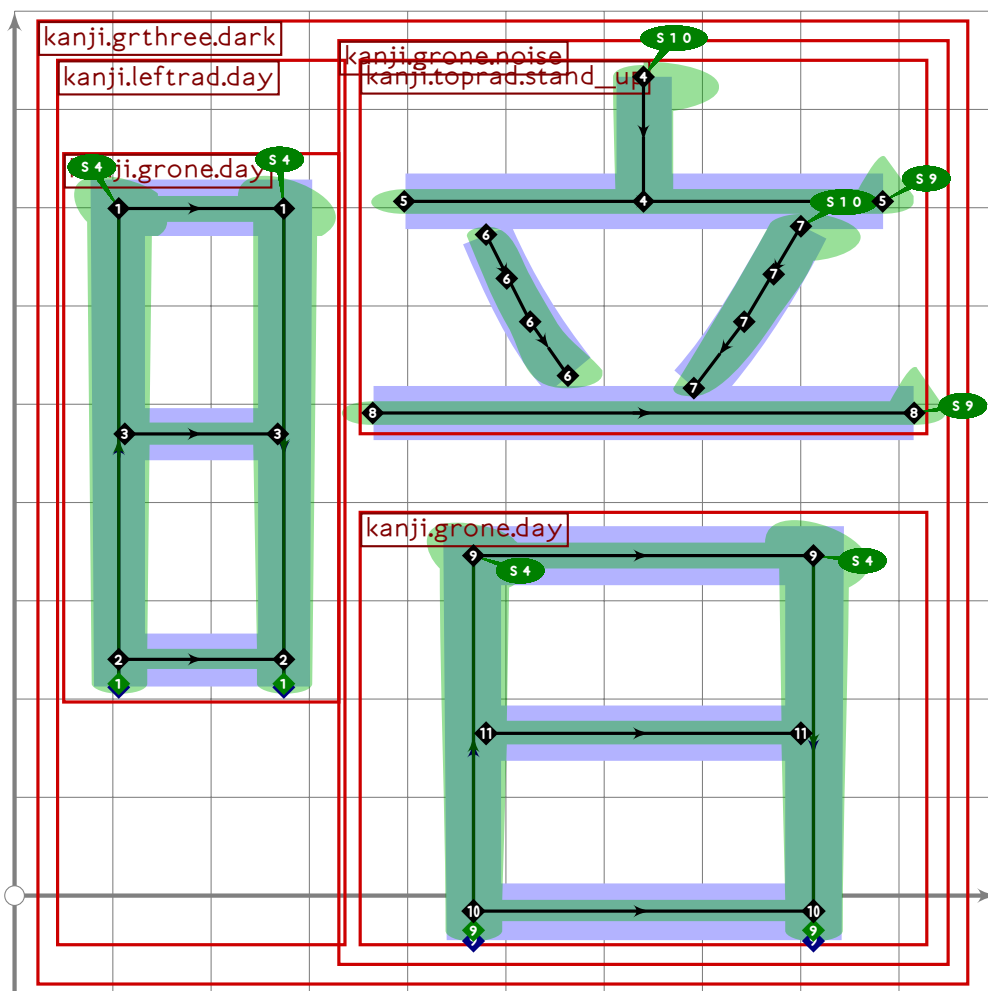
```



```

118 % "write" is a reserved word
119 vardef kanji.grtwo.writing =
120   push_pbox_toexpand("kanji.grtwo.writing");
121   build_kanji.tb(250,0)
122   (kanji.radical.brush;
123     replace_strokep(-5)((point 0 of oldp)-
124       (oldp intersectionpoint get_strokep(0))))
125   (kanji.grone.day);
126   expand_pbox;
127 enddef;
128
129

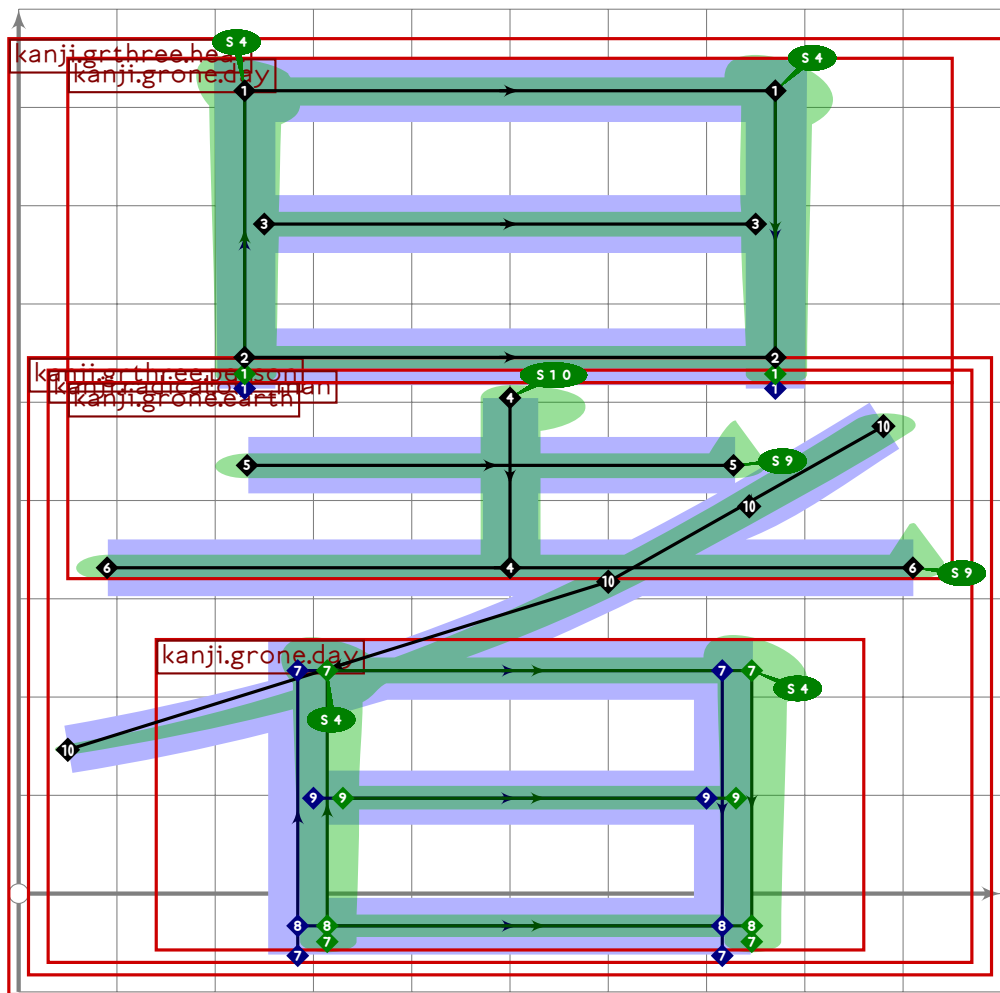
```



```

130
131 vardef kanji.grthree.dark =
132   push_pbox_toexpand("kanji.grthree.dark");
133   build_kanji.lr(330,0)
134     (kanji.leftrad.day)
135     (kanji.grone.noise);
136   expand_pbox;
137 enddef;

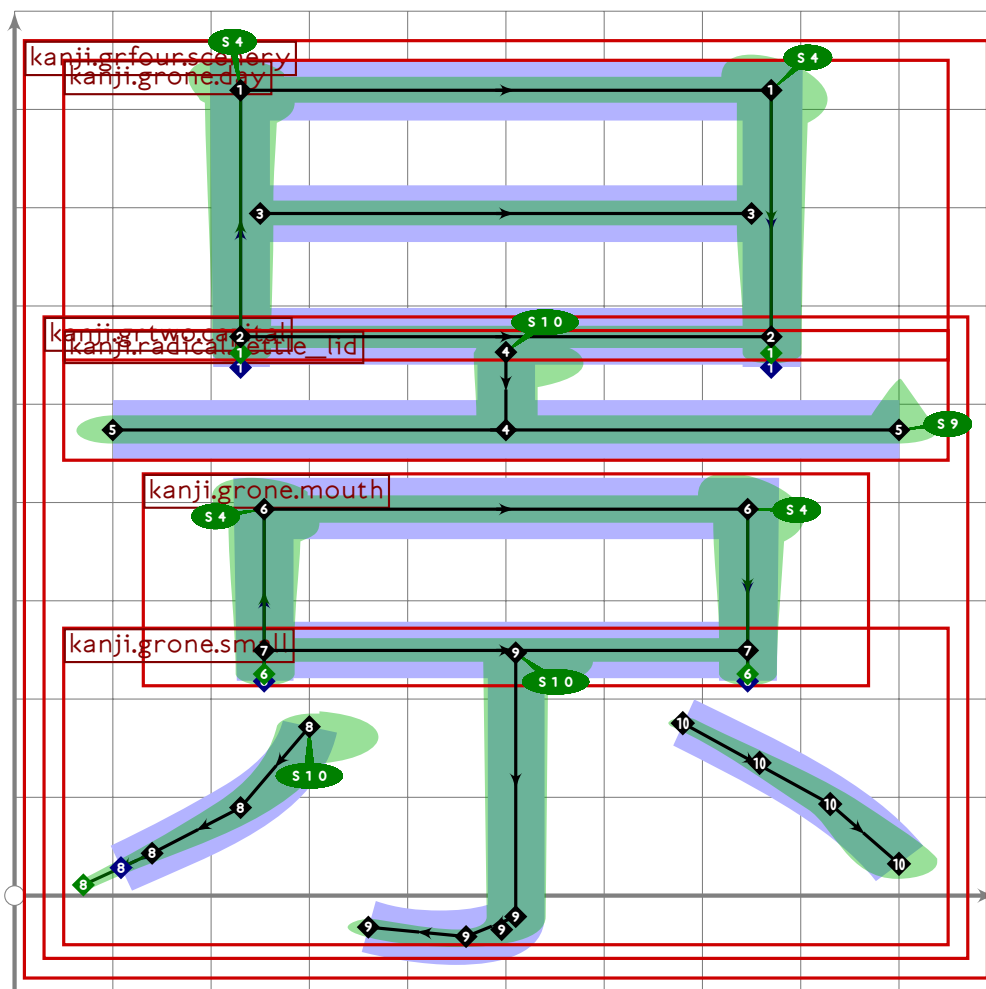
```



```

138
139 vardef kanji.grthree.heat =
140   push_pbox_toexpand("kanji.grthree.heat");
141   build_kanji.tb(520,0)
142     (kanji.grthree.day)
143     (kanji.grthree.person);
144   expand_pbox;
145 enddef;
146
147

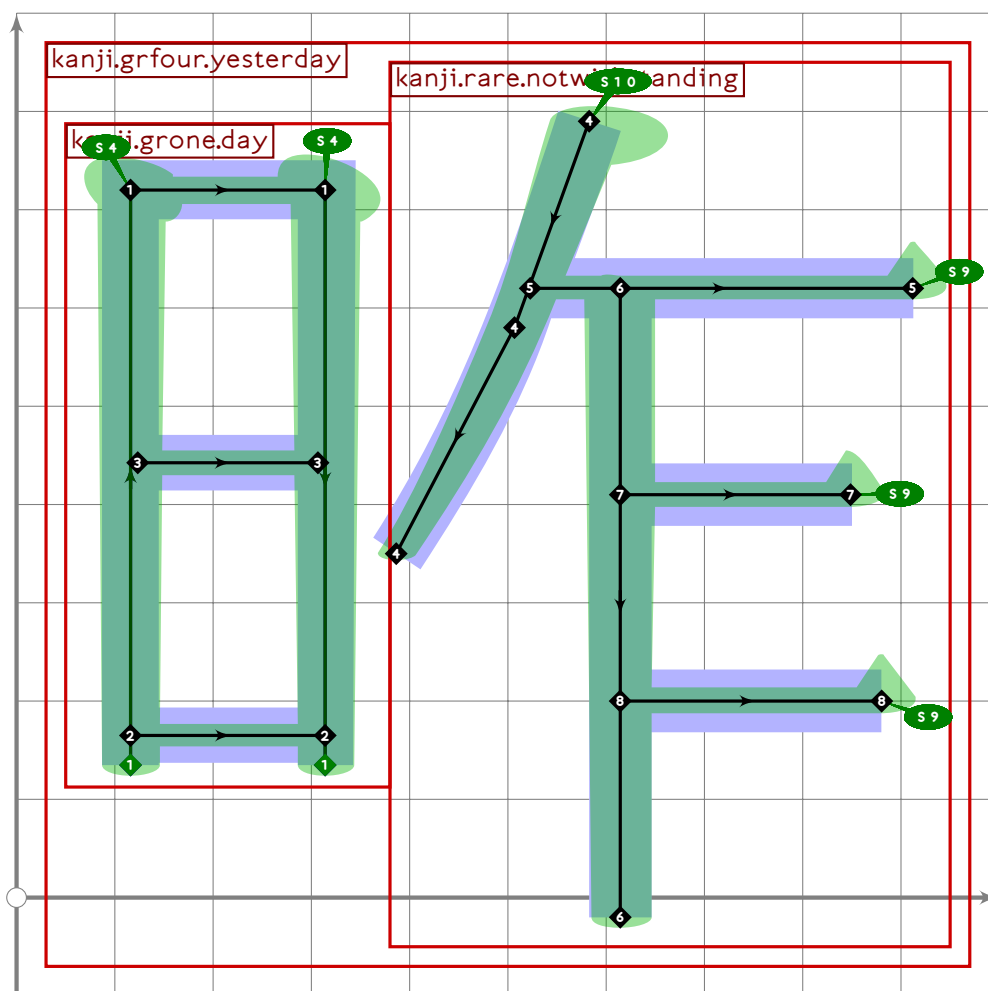
```



```

148
149 vardef kanji.grfour.scenery =
150   push_pbox_toexpand("kanji.grfour.scenery");
151   build_kanji.level(build_kanji.tb(560,30)
152     (kanji.grone.day)
153     (kanji.grtwo.capital));
154   expand_pbox;
155 enddef;

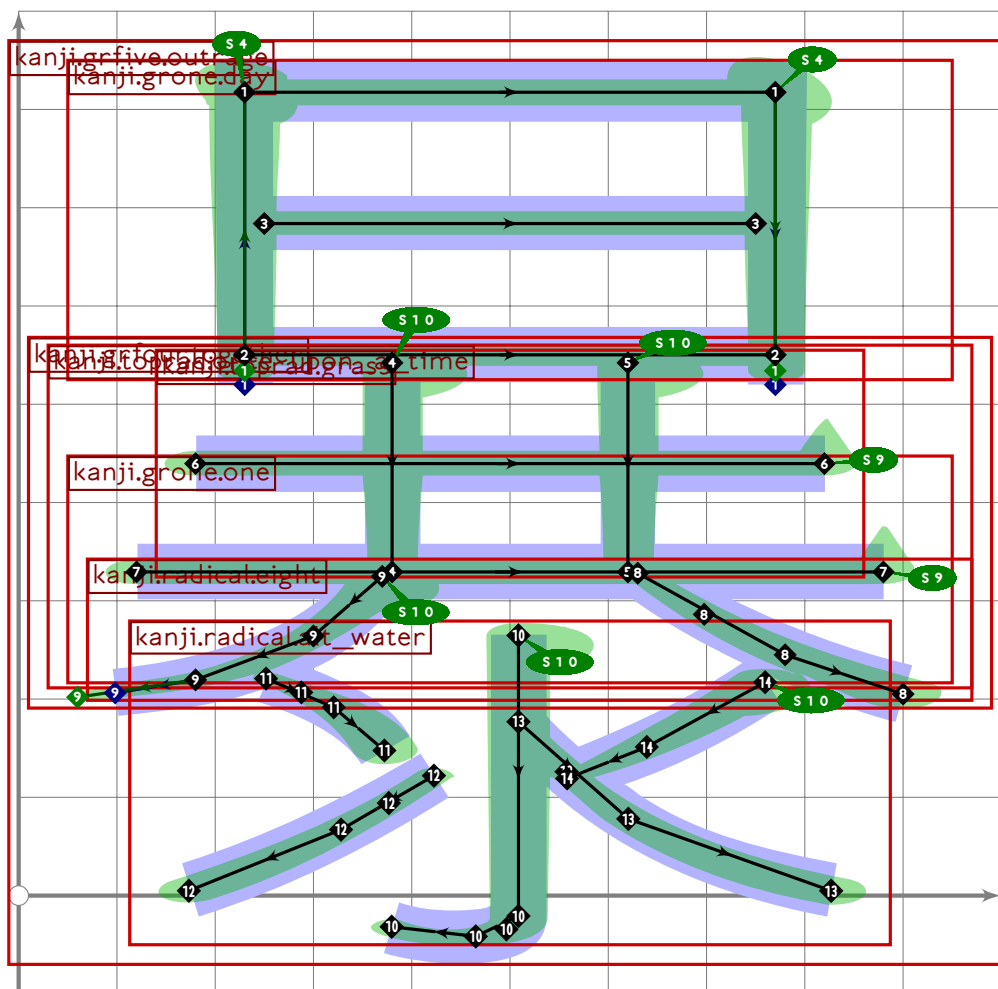
```

```

156
157 vardef kanji.grfour.yesterday =
158   push_pbox_toexpand("kanji.grfour.yesterday");
159   build_kanji.lr(380,0)
160     (tsu_xform(identity shifted (0,-600) yscaled 0.75 shifted (0,600))
161      (kanji.grone.day))
162     (kanji.rare.notwithstanding);
163   expand_pbox;
164 enddef;
165
166

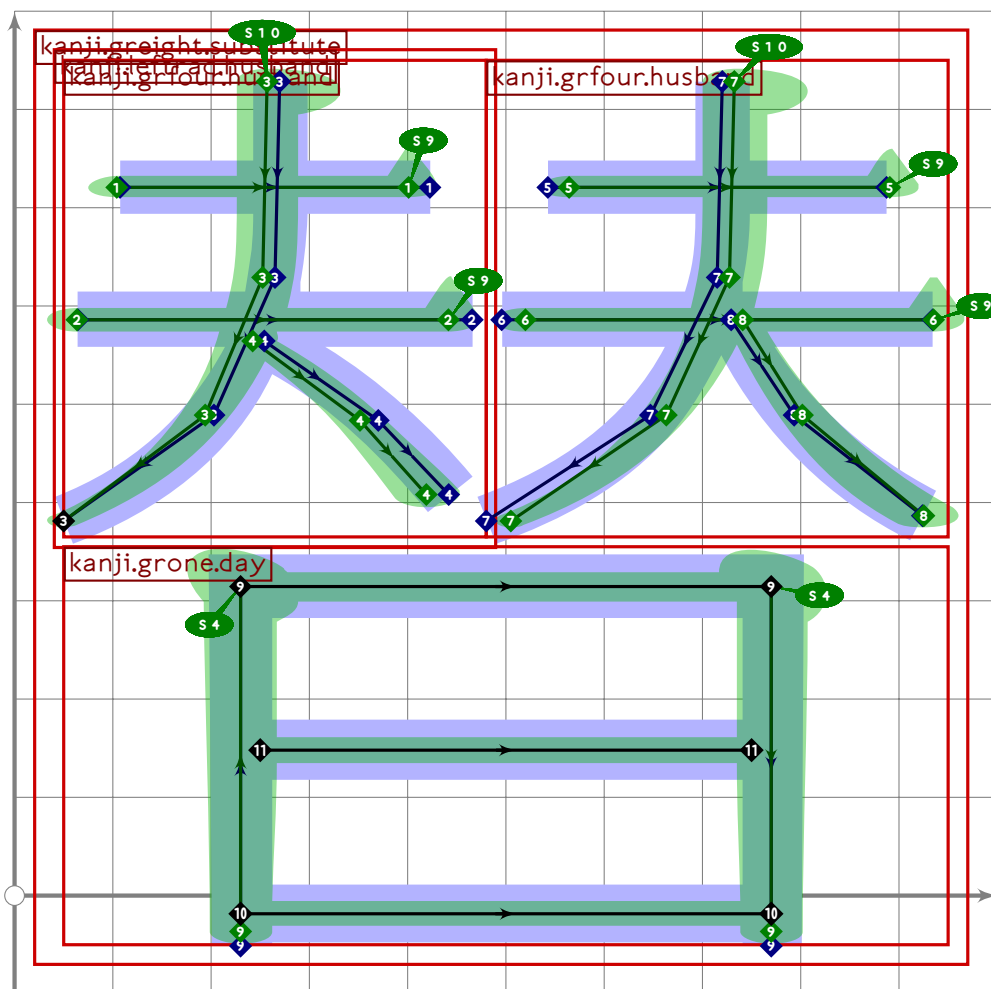
```



```

167
168 vardef kanji.grfive.outrage =
169   push_pbox_toexpand("kanji.grfive.outrage");
170   build_kanji.level(build_kanji.tb(540,30)
171     (kanji.grone.day)
172     (build_kanji.tb(380,120)
173       (kanji.grfour.together)
174       (build_kanji.sscale(xscaled 0.86)(kanji.radical.alt_water);
175         replace_stroke(-3)(oldp shifted (70,90));
176         replace_stroke(0)(oldp shifted (-50,90))));
177   expand_pbox;
178 enddef;
179
180

```



```

181
182 vardef kanji.greight.substitute =
183   push_pbox_toexpand("kanji.greight.substitute");
184   build_kanji.tb(360,-10)
185     (build_kanji.lr(480,50*mincho)
186       (kanji.leftrad.husband)
187       (kanji.grfour.husband))
188     (kanji.grone.day);
189   expand_pbox;
190 enddef;

```

191

192

193

```

194 % shou/sakan "prosperity"
195 begintsuglyph("uni660C",12);
196   kanji.grnine.prosperity;
197   tsu_render;
198 endtsuglyph;

```

199

```

200 % mei/aka "light"
201 begintsuglyph("uni660E",14);

```

[see page 798]

[see page 517]

```

202  kanji.grtwo.light;
203  tsu_render;
204  endtsuglyph;
205
206  % eki/yasi/yasu "easy"
207  begintsuglyph("uni6613";19); [see page 641]
208  kanji.grfive.easy;
209  tsu_render;
210  endtsuglyph;
211
212  % seki/mukashi "once upon a time"
213  begintsuglyph("uni6614";20); [see page 588]
214  kanji.grthree.once_upon_a_time;
215  tsu_render;
216  endtsuglyph;
217
218  % you "sun" or "open" (rare, but part of other chars)
219  begintsuglyph("uni661C";28); [see page 852]
220  kanji.rare.sun;
221  tsu_render;
222  endtsuglyph;
223
224  % sei/hoshi "star"
225  begintsuglyph("uni661F";31); [see page 2304]
226  kanji.grtwo.star;
227  tsu_render;
228  endtsuglyph;
229
230  % shun/haru "spring (season)"
231  begintsuglyph("uni6625";37); [see page 2303]
232  kanji.grtwo.spring;
233  tsu_render;
234  endtsuglyph;
235
236  % saku "yesterday"
237  begintsuglyph("uni6628";40); [see page 2311]
238  kanji.grfour.yesterday;
239  tsu_render;
240  endtsuglyph;
241
242  % shou "shining"
243  begintsuglyph("uni662D";45); [see page 594]
244  kanji.grthree.shining;
245  tsu_render;
246  endtsuglyph;
247
248  % ze/kore "righteousness"
249  begintsuglyph("uni662F";47); [see page 770]

```

```

250 kanji.greight.righteousness;
251 tsu_render;
252 endtsuglyph;
253
254 % chuu/hiro "daytime"
255 begintsuglyph("uni663C",60); [see page 2301]
256 kanji.grtwo.daytime;
257 tsu_render;
258 endtsuglyph;
259
260 % jo/toki "time"
261 begintsuglyph("uni6642",66); [see page 2305]
262 kanji.grtwo.time;
263 tsu_render;
264 endtsuglyph;
265
266 % kei "scenery"
267 begintsuglyph("uni666F",111); [see page 2310]
268 kanji.grfour.scenery;
269 tsu_render;
270 endtsuglyph;
271
272 % sei/ha "fair or clear weather"
273 begintsuglyph("uni6674",116); [see page 2302]
274 kanji.grtwo.fairweather;
275 tsu_render;
276 endtsuglyph;
277
278 % sho/atsu "heat"
279 begintsuglyph("uni6691",145); [see page 2309]
280 kanji.grthree.heat;
281 tsu_render;
282 endtsuglyph;
283
284 % an/kura "dark"
285 begintsuglyph("uni6697",151); [see page 2308]
286 kanji.grthree.dark;
287 tsu_render;
288 endtsuglyph;
289
290 % bou/aba "outrage"
291 begintsuglyph("uni66B4",180); [see page 2312]
292 kanji.grfive.outrage;
293 tsu_render;
294 endtsuglyph;
295
296 % you "day of week"
297 begintsuglyph("uni66DC",220); [see page 2306]

```

```

298   kanji.grtwo.day_of_week;
299   tsu_render;
300 endtsuglyph;
301
302 % kyoku/ma "melody"
303 begintsuglyph("uni66F2",242); [see page 585]
304   kanji.grthree.melody;
305   tsu_render;
306 endtsuglyph;
307
308 % kou/sara "night watch"
309 begintsuglyph("uni66F4",244); [see page 760]
310   kanji.greight.night_watch;
311   tsu_render;
312 endtsuglyph;
313
314 % sho/ka "writing"
315 begintsuglyph("uni66F8",248); [see page 2307]
316   kanji.grtwo.writing;
317   tsu_render;
318 endtsuglyph;
319
320 % tai/ka "substitute"
321 begintsuglyph("uni66FF",255); [see page 2313]
322   kanji.greight.substitute;
323   tsu_render;
324 endtsuglyph;
325
326 _____
327
328 endfont;
329
330 _____

```

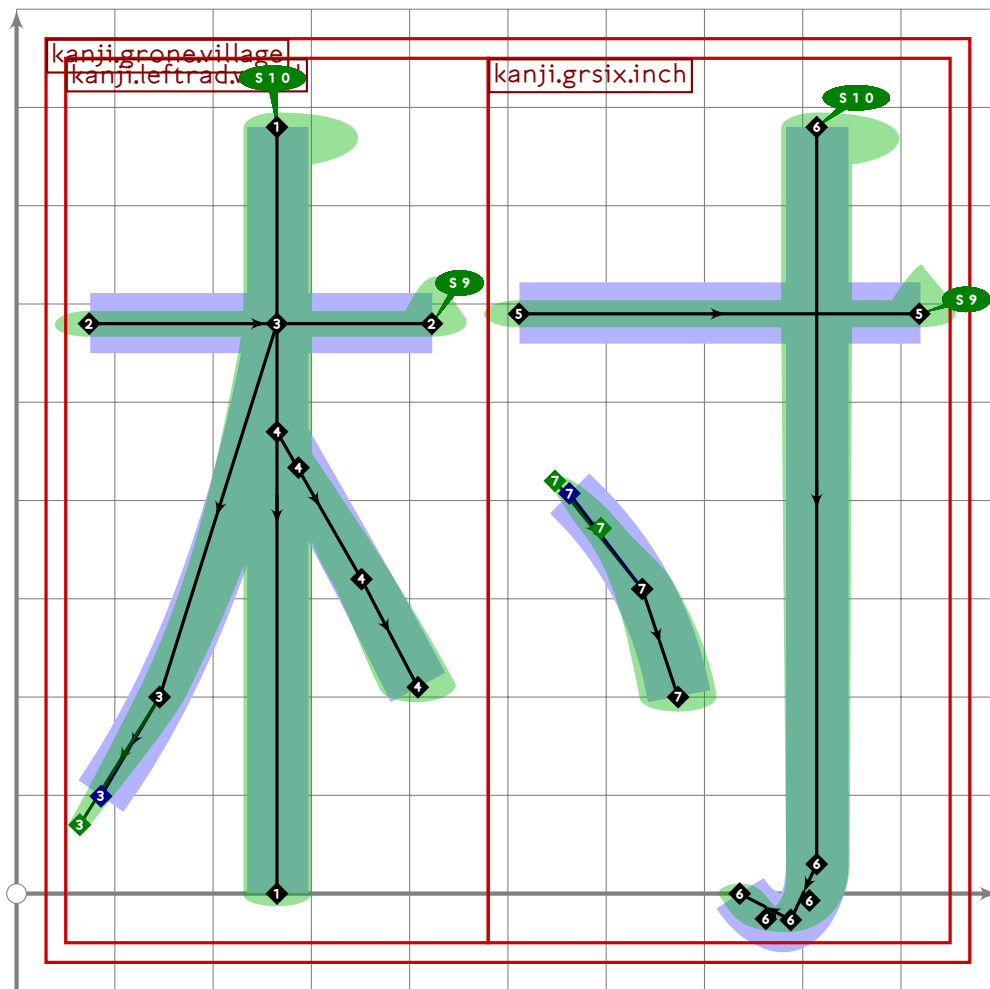
```
1 %
2 % Unicode page 67 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 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
51 do_late_includes;
52
53 

---

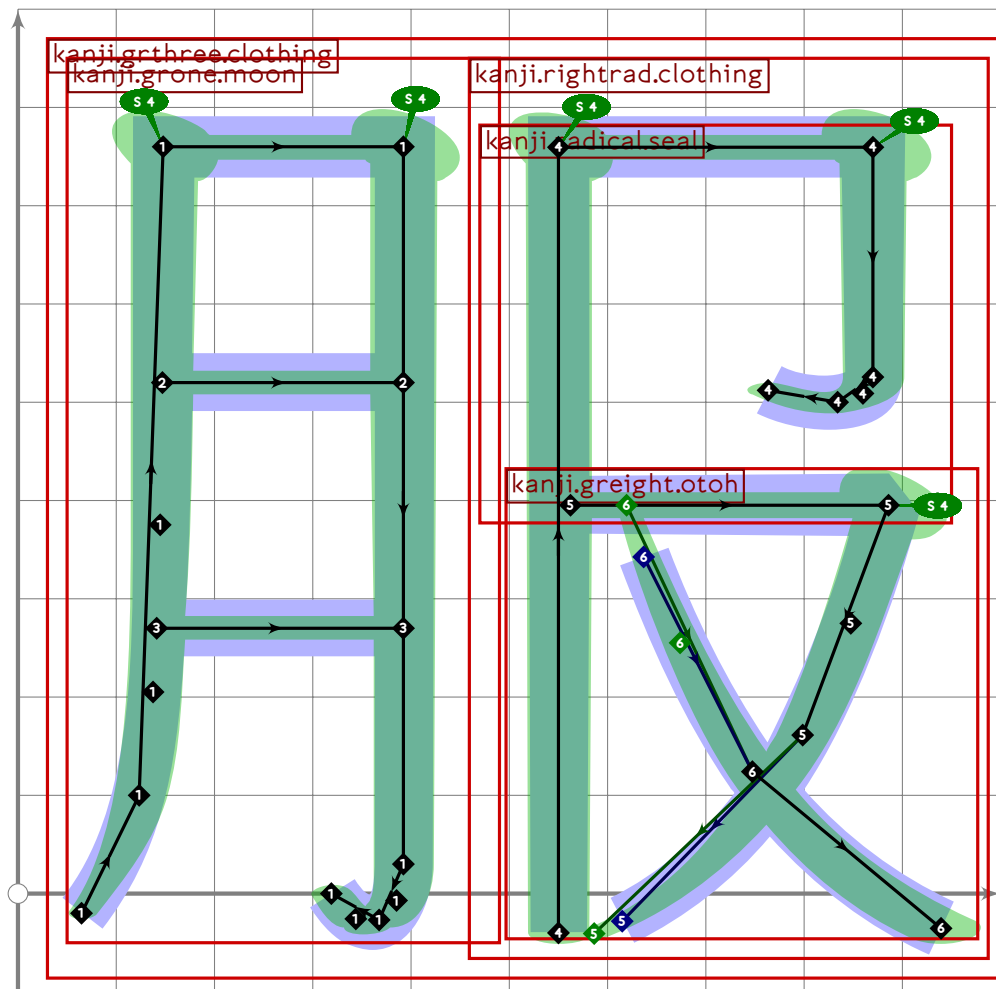

```



```

54
55 vardef kanji.grone.village =
56   push_pbox_toexpand("kanji.grone.village");
57   build_kanji.lr(480,0)
58     (kanji.leftrad.wood)
59     (kanji.grsix.inch);
60   expand_pbox;
61 enddef;
62
63

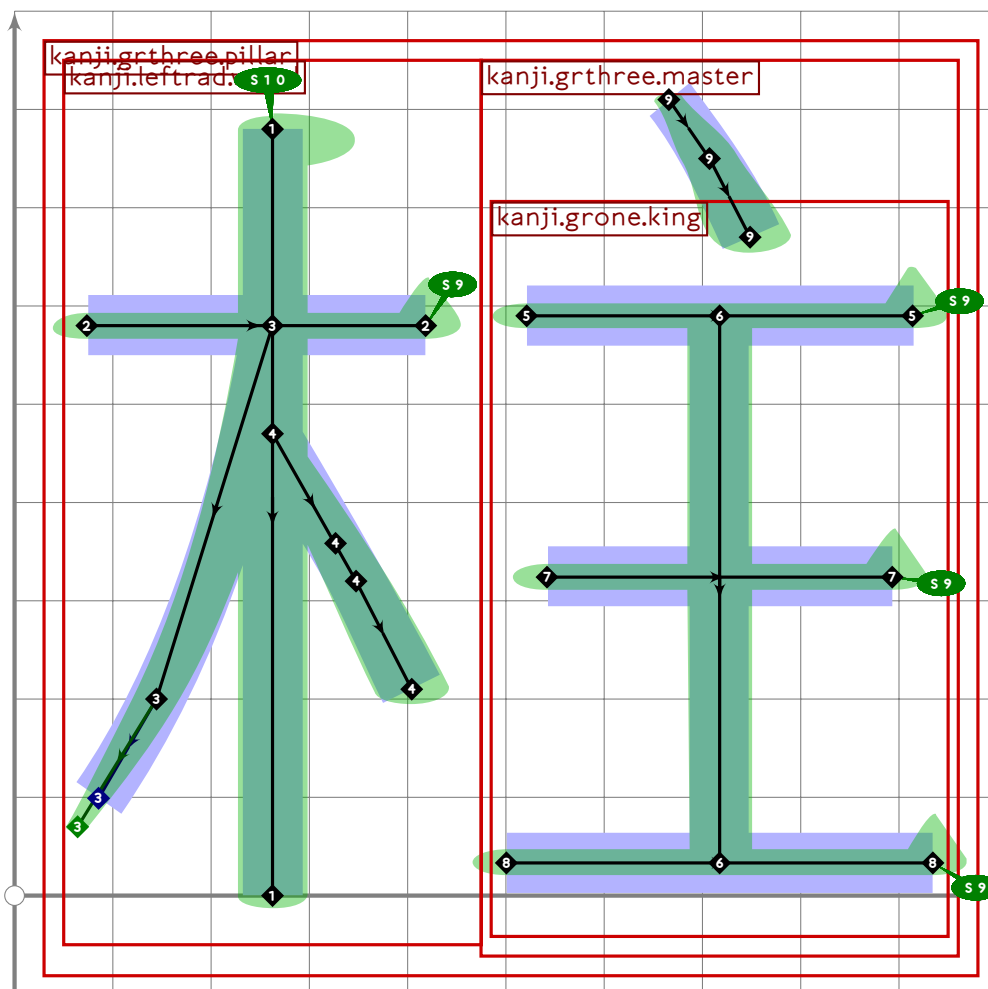
```

```

64
65 vardef kanji.grthree.clothing =
66   push_pbox_toexpand("kanji.grthree.clothing");
67   build_kanji.level(build_kanji.lr(480,20)
68     (kanji.grone.moon)
69     (kanji.rightrad.clothing));
70   expand_pbox;
71 enddef;

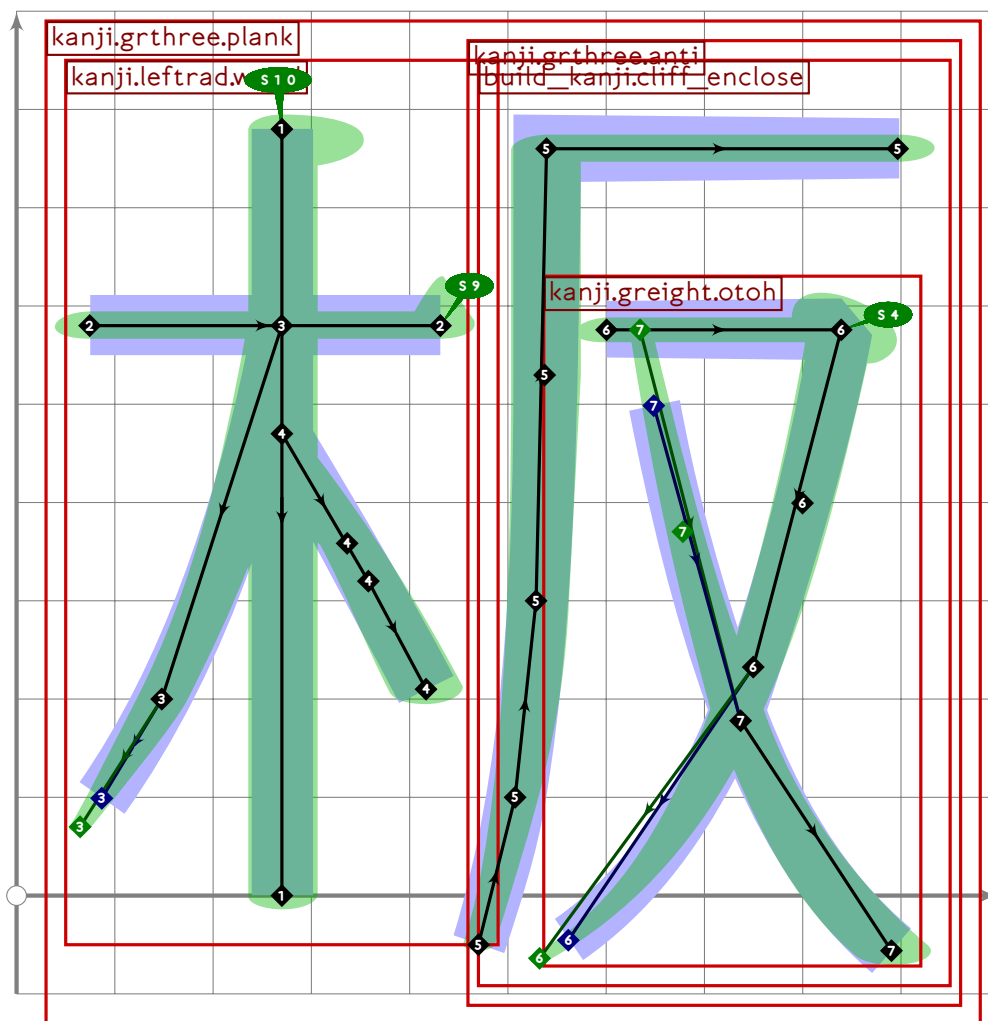
```



```

72
73 vardef kanji.grthree.pillar =
74   push_pbox_toexpand("kanji.grthree.pillar");
75   build_kanji.lr(480,10)
76     (kanji.leftrad.wood)
77     (kanji.grthree.master);
78   expand_pbox;
79 enddef;

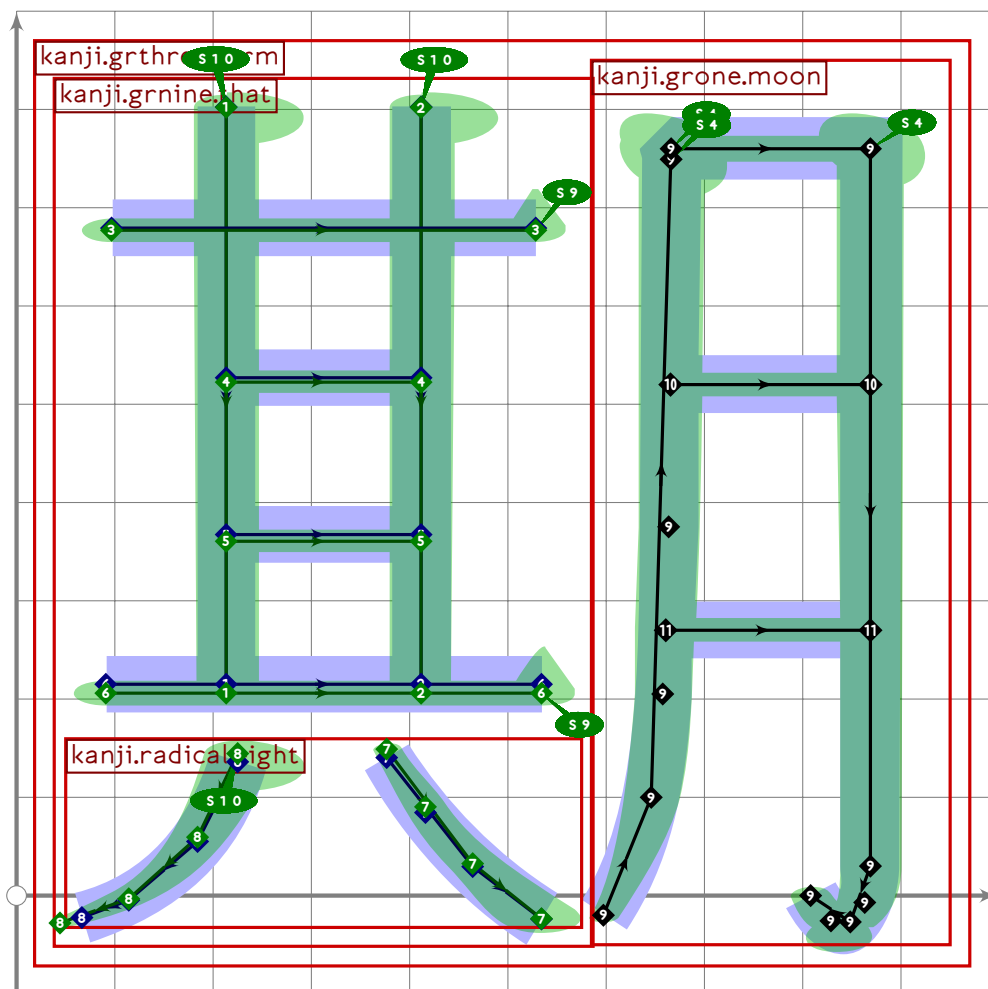
```



```

80
81 vardef kanji.grthree.plank =
82   push_pbox_toexpand("kanji.grthree.plank");
83   build_kanji.lr(480,20)
84     (kanji.leftrad.wood)
85     (kanji.grthree.anti);
86   expand_pbox;
87 enddef;

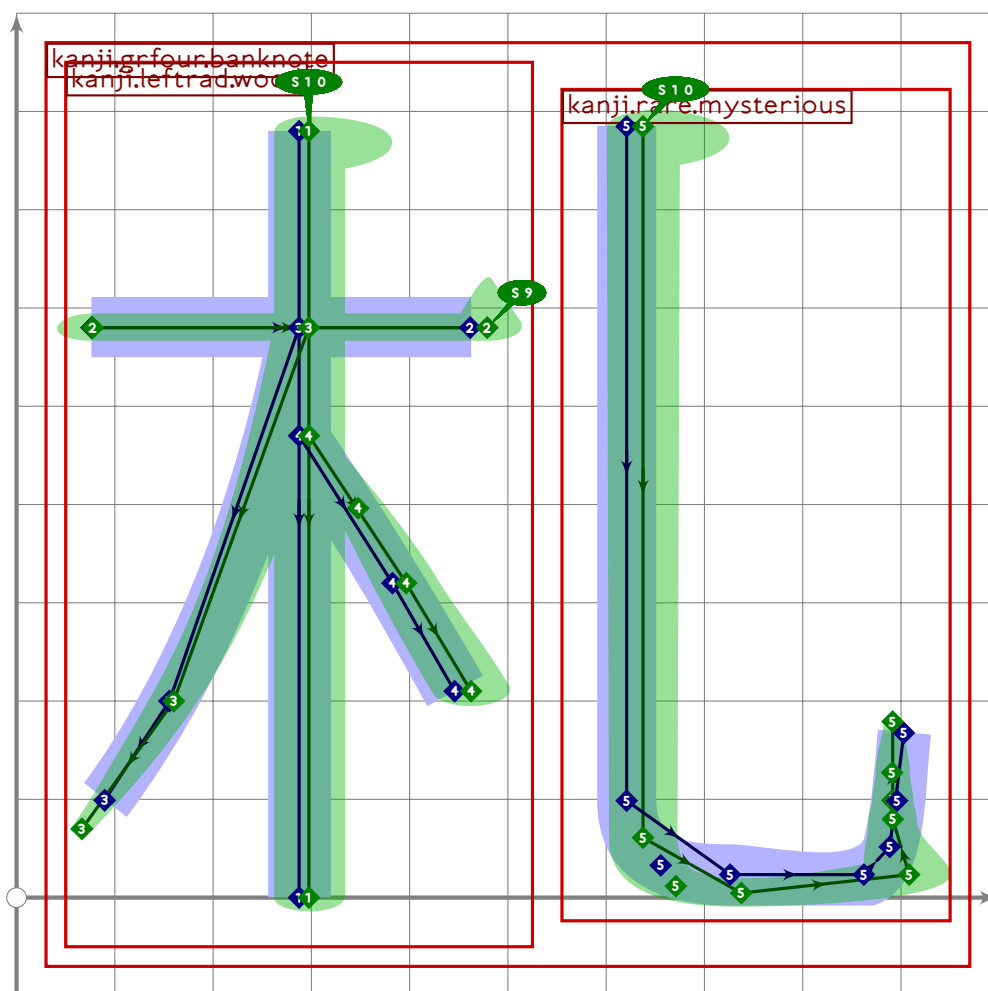
```



```

88
89 vardef kanji.grthree.term =
90   push_pbox_toexpand("kanji.grthree.term");
91   build_kanji.lr(580,-10)
92   (build_kanji.scale(yscaled 0.96)(kanji.grnine.that))
93   (kanji.grone.moon);
94   expand_pbox;
95 enddef;
96
97

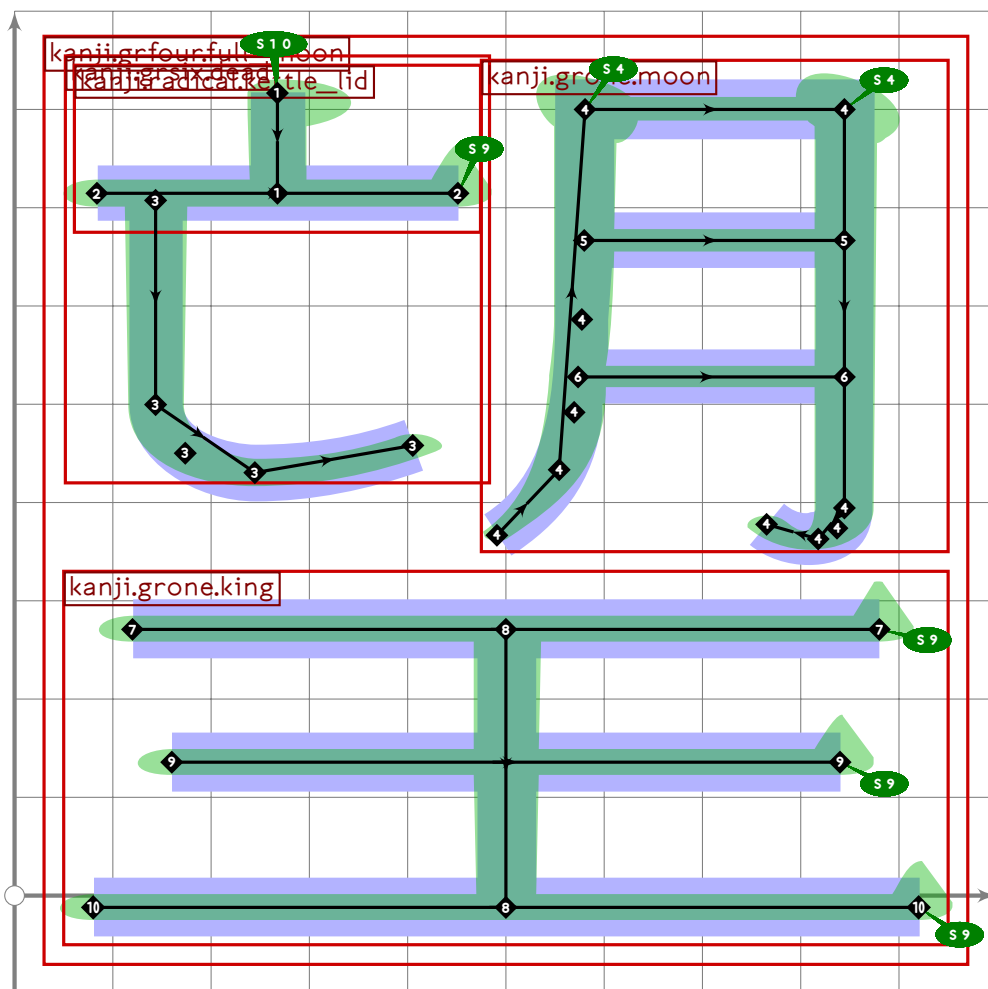
```



```

98
99 vardef kanji.grfour.banknote =
100   push_pbox_toexpand("kanji.grfour.banknote");
101   build_kanji.lr(540+20*mincho;-30)
102     (kanji.leftrad.wood)
103     (build_kanji.sscale(yscaled 0.94)(kanji.rare.mysterious));
104   expand_pbox;
105 enddef;

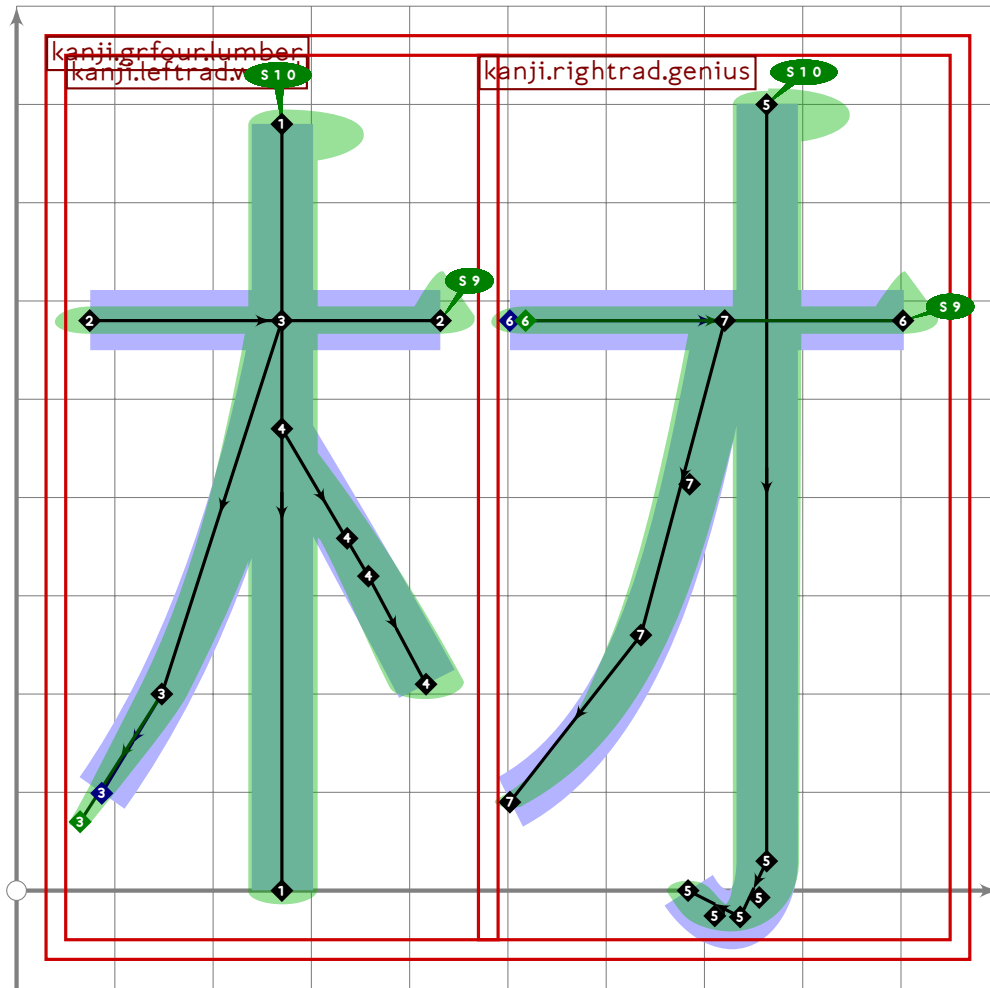
```



```

106
107 vardef kanji.grfour.full_moon =
108   push_pbox_toexpand("kanji.grfour.full_moon");
109   build_kanji.tb(340,-20)
110     (build_kanji.lr(480,10)
111       (build_kanji.sscale(xyscaled (0.95,0.85) shifted (0,60))
112         (kanji.grsix.dead))
113       (kanji.grone.moon))
114     (kanji.grone.king);
115   expand_pbox;
116 enddef;

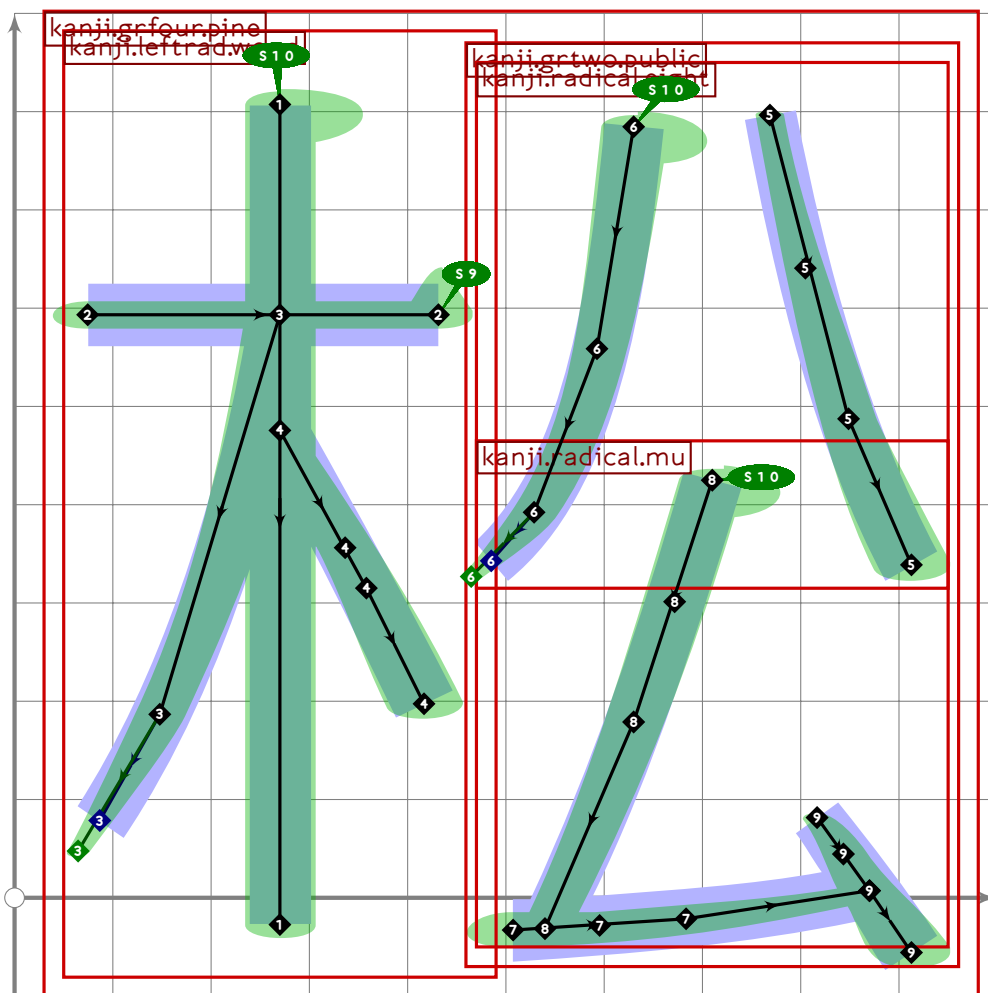
```



```

117
118 vardef kanji.grfour.lumber =
119   push_pbox_toexpand("kanji.grfour.lumber");
120   build_kanji.lr(480,20)
121     (kanji.leftrad.wood)
122     (kanji.rightrad.genius);
123   expand_pbox;
124 enddef;

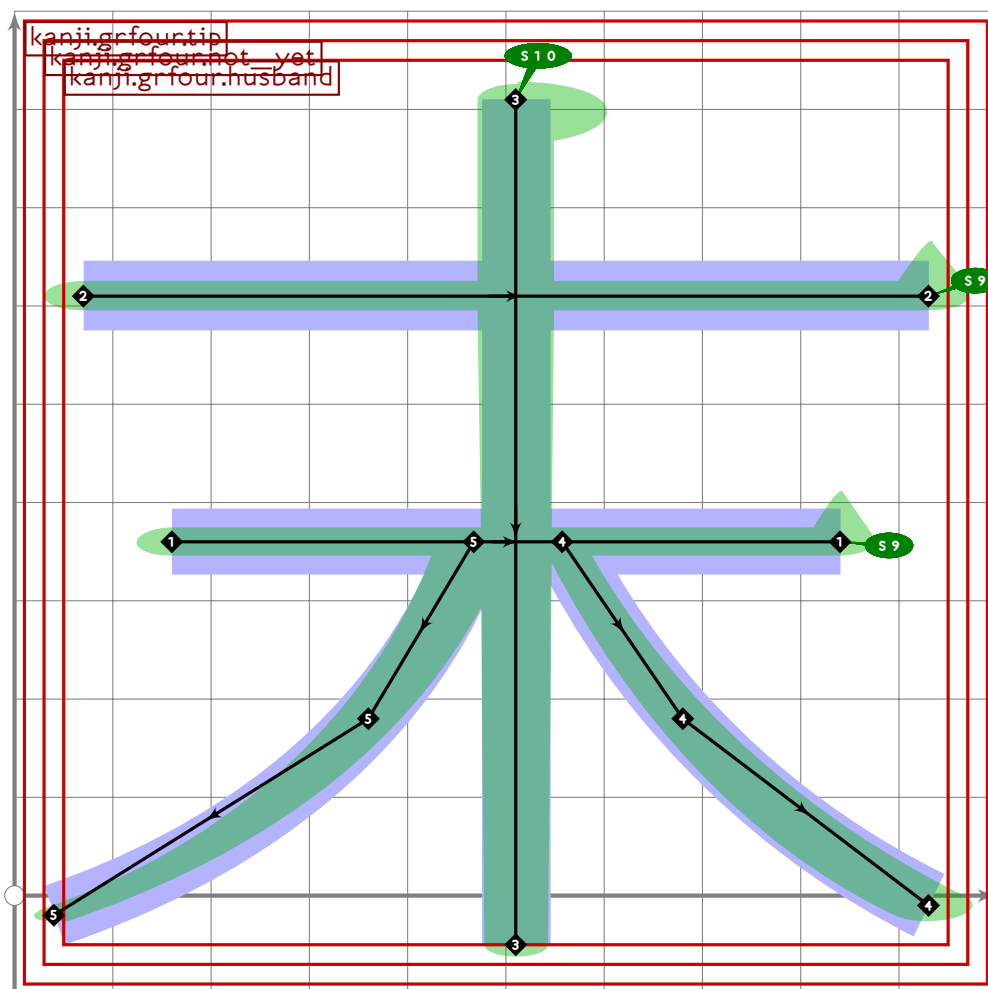
```



```

125
126 vardef kanji.grfour.pine =
127   push_pbox_toexpand("kanji.grfour.pine");
128   build_kanji.lr(480,20)
129     (build_kanji.sscale(yscaled 1.07)(kanji.leftrad.wood))
130     (kanji.grtwo.public);
131   expand_pbox;
132 enddef;

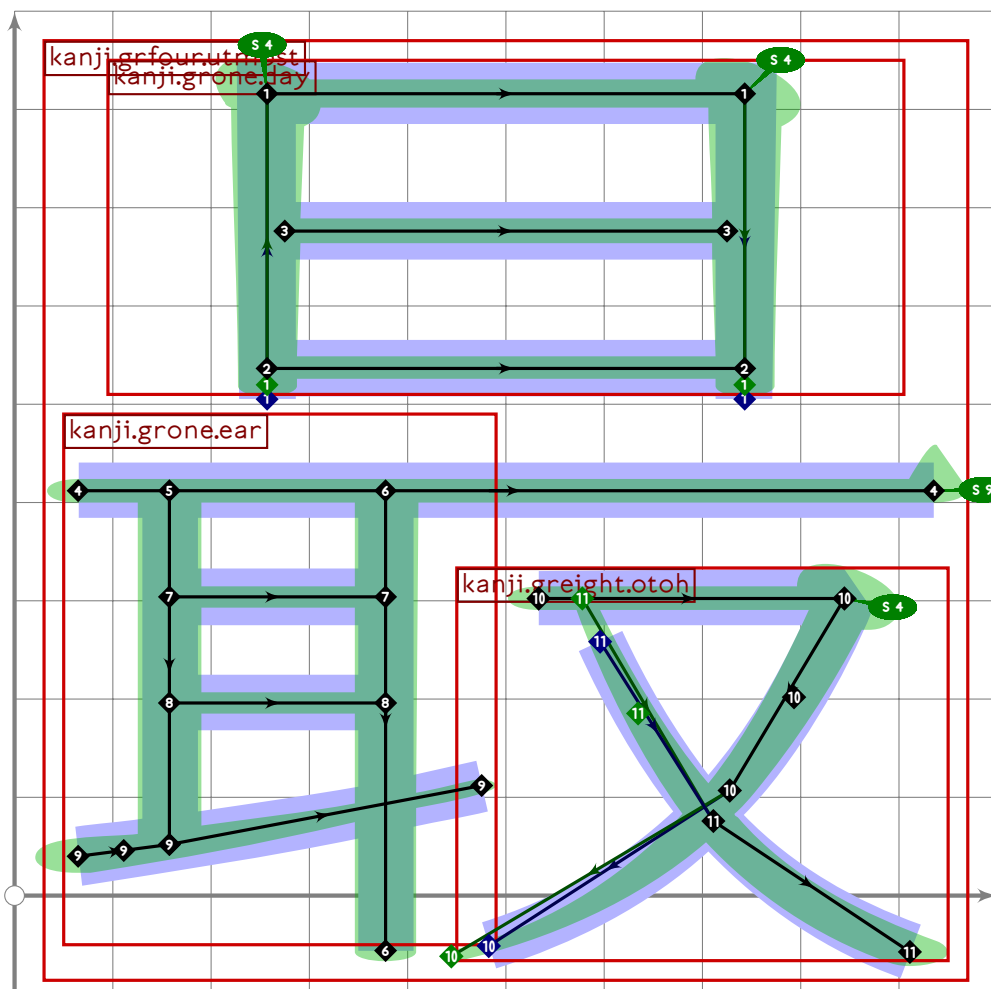
```

```

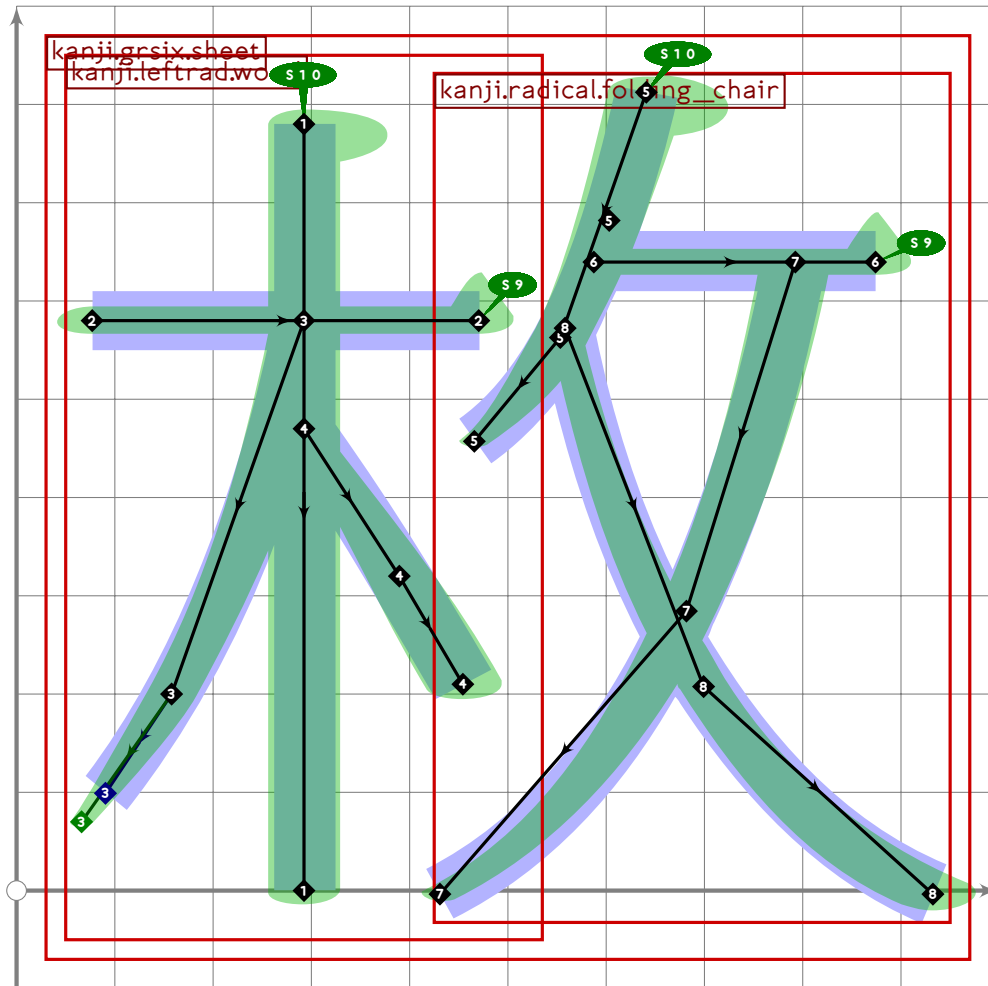
133
134 vardef kanji.grfour.tip =
135   push_pbox_toexpand("kanji.grfour.tip");
136   kanji.grfour.not_yet;
137   replace_strokep(-3)((70,610)-(930,610));
138   replace_strokep(-4)((160,360)-(840,360));
139   expand_pbox;
140 enddef;

```



```

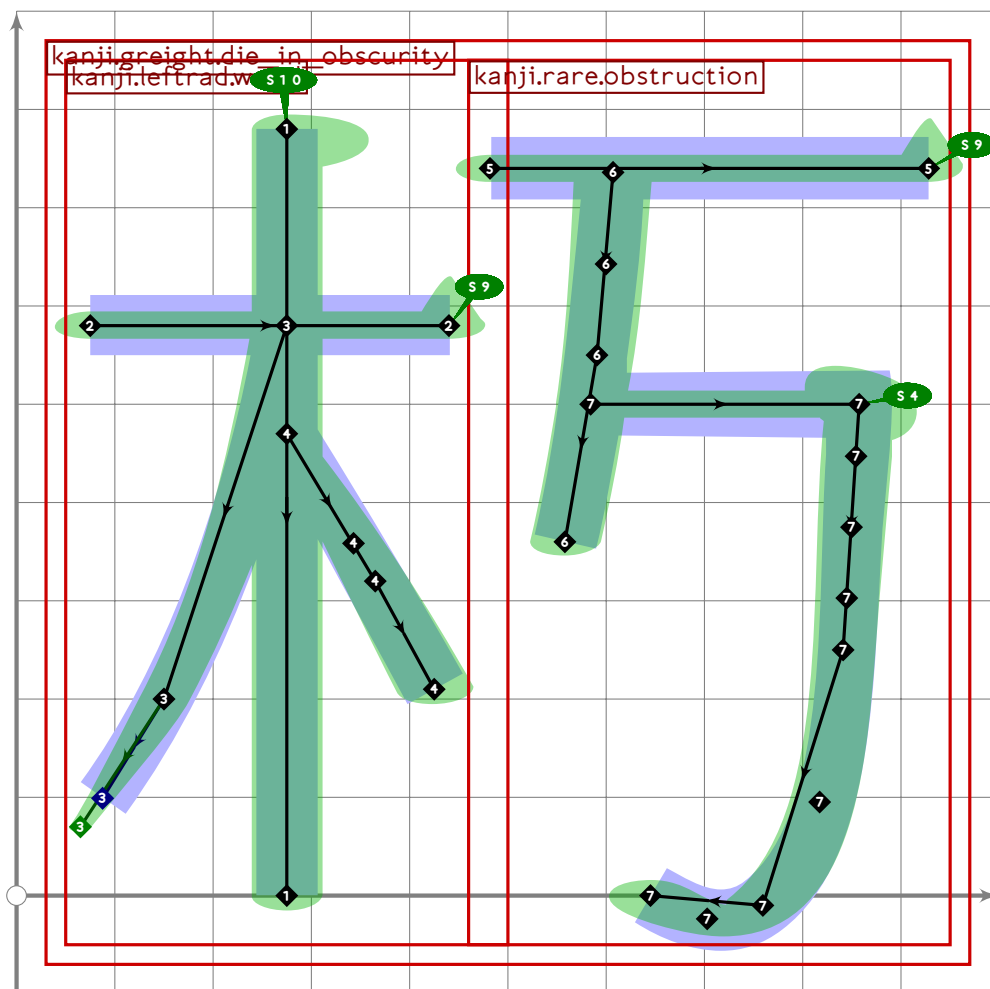
141
142 vardef kanji.grfour.utmost =
143   push_pbox_toexpand("kanji.grfour.utmost");
144   build_kanji.tb(500,-20)
145     (build_kanji.sscale(xscaled 0.9)(kanji.grone.day))
146     (build_kanji.lr(470,40)
147       (kanji.grone.ear)
148       (tsu_xform(identity yscaled 0.74 shifted (0,-40))
149         (kanji.greight.otoh));
150     replace_strokep(-7)
151       (point 0 of oldp-(point 0 of oldp xscaled -1 shifted (1000,0)));
152   expand_pbox;
153 enddef;
154
155
```



```

156
157 vardef kanji.grsix.sheet =
158   push_pbox_toexpand("kanji.grsix.sheet");
159   build_kanji.lr(480,110)
160     (kanji.leftrad.wood)
161     (build_kanji.sscale(yscaled 0.96)(kanji.radical.folding_chair));
162   expand_pbox;
163 enddef;
164
165

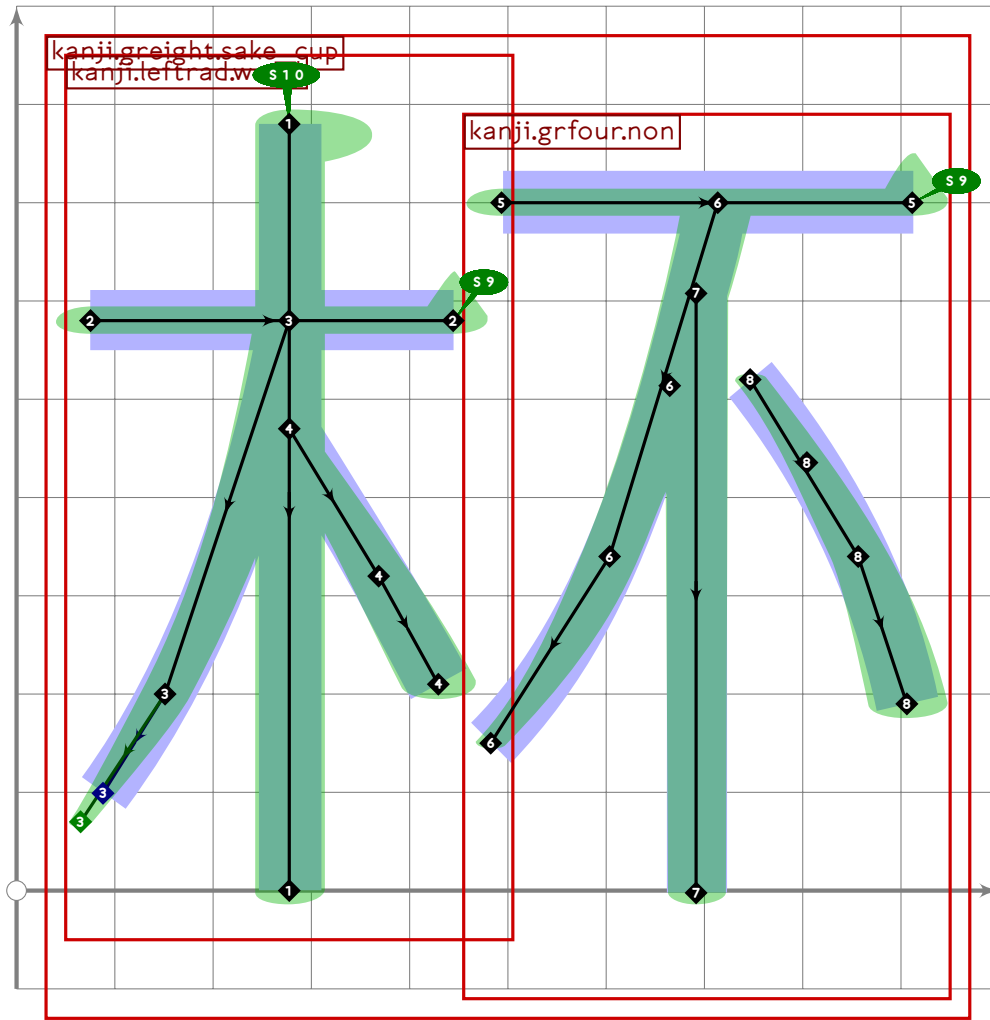
```



```

166
167 vardef kanji.greight.die_in_obscurity =
168   push_pbox_toexpand("kanji.greight.die_in_obscurity");
169   build_kanji.lr(480,40)
170     (kanji.leftrad.wood)
171     (kanji.rare.obstruction);
172   expand_pbox;
173 enddef;

```



```

174
175 vardef kanji.greight.sake_cup =
176   push_pbox_toexpand("kanji.greight.sake_cup");
177   build_kanji.lr(480,50)
178     (kanji.leftrad.wood)
179     (build_kanji.sscale(shifted (0;60))(kanji.grfour.non));
180   replace_strokep(-1)(subpath (0,0.85) of oldp);
181   expand_pbox;
182 enddef;

```

183

184

185

```

186 % sai/motto "utmost"
187 begintsuglyph("uni6700";0);
188 kanji.grfour.utmost;
189 tsu_render;
190 endtsuglyph;

```

191

```

192 % tsuki/getsu "moon"
193 begintsuglyph("uni6708";8);

```

[see page 2328]

[see page 448]

```

194  kanji.grone.moon;
195  tsu_render;
196  endtsuglyph;
197
198  % yuu/a "to have"
199  begintsuglyph("uni6709";9); [see page 571]
200  kanji.grthree.existence;
201  tsu_render;
202  endtsuglyph;
203
204  % fuku as in "sailor fuku"
205  begintsuglyph("uni670D";13); [see page 2319]
206  kanji.grthree.clothing;
207  tsu_render;
208  endtsuglyph;
209
210  % bou/nozo "full moon" (and many other things by analogy)
211  begintsuglyph("uni671B";27); [see page 2324]
212  kanji.grfour.full_moon;
213  tsu_render;
214  endtsuglyph;
215
216  % chou/asa "morning"
217  begintsuglyph("uni671D";29); [see page 526]
218  kanji.grtwo.morning;
219  tsu_render;
220  endtsuglyph;
221
222  % ki "term" (limited time)
223  begintsuglyph("uni671F";31); [see page 2322]
224  kanji.grthree.term;
225  tsu_render;
226  endtsuglyph;
227
228  % ki "wood"
229  begintsuglyph("uni6728";40); [see page 482]
230  kanji.grone.wood;
231  tsu_render;
232  endtsuglyph;
233
234  % mi/ima "not yet", also zodiac sign of the ram
235  begintsuglyph("uni672A";42); [see page 628]
236  kanji.grfour.not_yet;
237  tsu_render;
238  endtsuglyph;
239
240  % matsu/sue "tip"
241  begintsuglyph("uni672B";43); [see page 2327]

```

242 kanji.grfour.tip;
 243 tsu_render;
 244 endtsuglyph;
 245
 246 % hon "book"
 247 begintsuglyph("uni672C";44); [see page 420]
 248 kanji.grone.book;
 249 tsu_render;
 250 endtsuglyph;
 251
 252 % setsu/fuda "banknote"
 253 begintsuglyph("uni672D";45); [see page 2323]
 254 kanji.grfour.banknote;
 255 tsu_render;
 256 endtsuglyph;
 257
 258 % kyu/ku "die in obscurity"
 259 begintsuglyph("uni673D";61); [see page 2330]
 260 kanji.greight.die_in_obscurity;
 261 tsu_render;
 262 endtsuglyph;
 263
 264 % son/mura "village"
 265 begintsuglyph("uni6751";81); [see page 2318]
 266 kanji.grone.village;
 267 tsu_render;
 268 endtsuglyph;
 269
 270 % zai/ki "lumber"
 271 begintsuglyph("uni6750";80); [see page 2325]
 272 kanji.grfour.lumber;
 273 tsu_render;
 274 endtsuglyph;
 275
 276 % soku/ta "bundle"
 277 begintsuglyph("uni675F";95); [see page 607]
 278 kanji.grfour.bundle;
 279 tsu_render;
 280 endtsuglyph;
 281
 282 % ku/rai "come"
 283 begintsuglyph("uni6765";101); [see page 491]
 284 kanji.grtwo.come;
 285 tsu_render;
 286 endtsuglyph;
 287
 288 % hai/sakazuki "sake cup"
 289 begintsuglyph("uni676F";111); [see page 2331]

```

290 kanji.greight.sake_cup;
291 tsu_render;
292 endtsuglyph;
293
294 % tou/higashi "east"
295 begintsuglyph("uni6771";113); [see page 496]
296 kanji.grtwo.east;
297 tsu_render;
298 endtsuglyph;
299
300 % shou/matsu "pine"
301 begintsuglyph("uni677E";126); [see page 2326]
302 kanji.grfour.pine;
303 tsu_render;
304 endtsuglyph;
305
306 % han/ita "plank"
307 begintsuglyph("uni677F";127); [see page 2321]
308 kanji.grthree.plank;
309 tsu_render;
310 endtsuglyph;
311
312 % rin/hayashi "grove"
313 begintsuglyph("uni6797";151); [see page 440]
314 kanji.grone.grove;
315 tsu_render;
316 endtsuglyph;
317
318 % mai "sheet" (counter for thin flat things)
319 begintsuglyph("uni679A";154); [see page 2329]
320 kanji.grsix.sheet;
321 tsu_render;
322 endtsuglyph;
323
324 % ka/ha "fruit" or "result"
325 begintsuglyph("uni679C";156); [see page 618]
326 kanji.grfour.fruit;
327 tsu_render;
328 endtsuglyph;
329
330 % bou/soregashi "a certain" (person, or whatever)
331 begintsuglyph("uni67D0";208); [see page 734]
332 kanji.greight.a_certain;
333 tsu_render;
334 endtsuglyph;
335
336 % chuu/hashira "pillar"
337 begintsuglyph("uni67F1";241); [see page 2320]

```



```
338  kanji.grthree.pillar;  
339  tsu_render;  
340  endtsuglyph;  
341  
342  _____  
343  
344  endfont;  
345  
346  _____
```

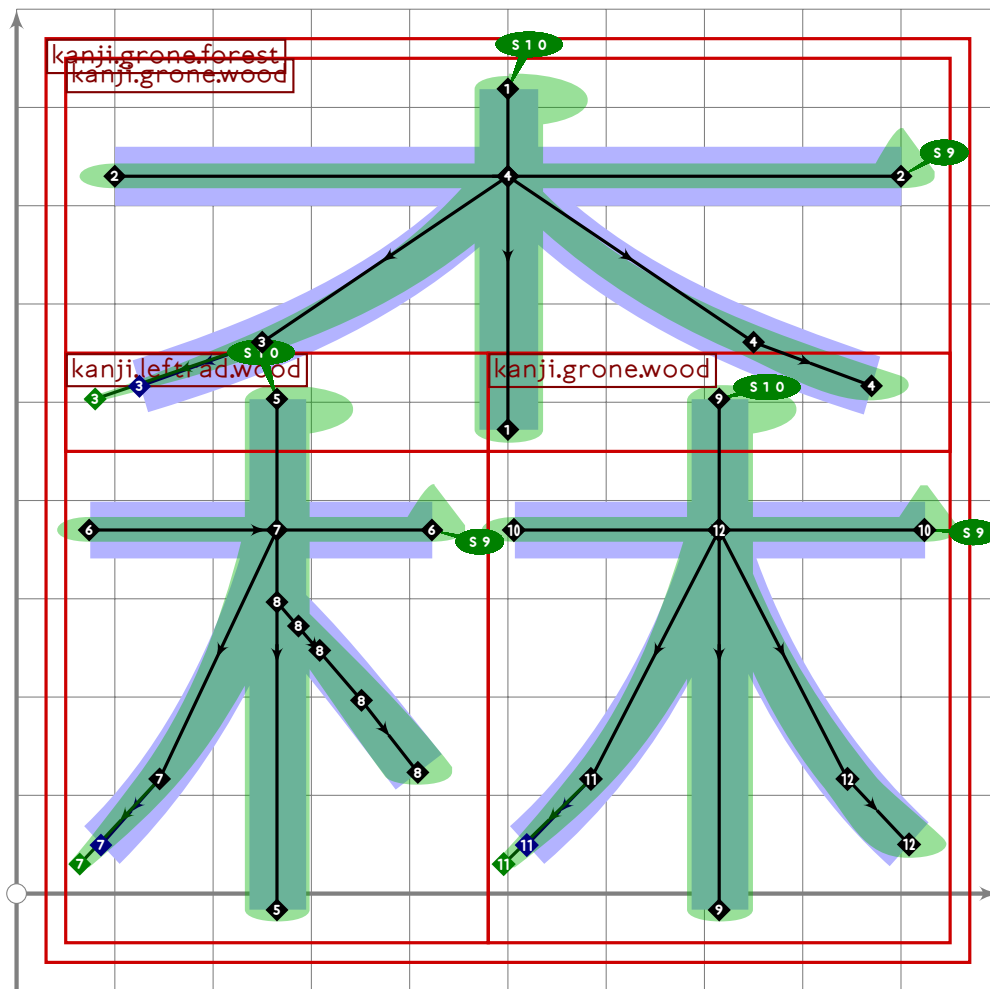
```
1 %
2 % Unicode page 68 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

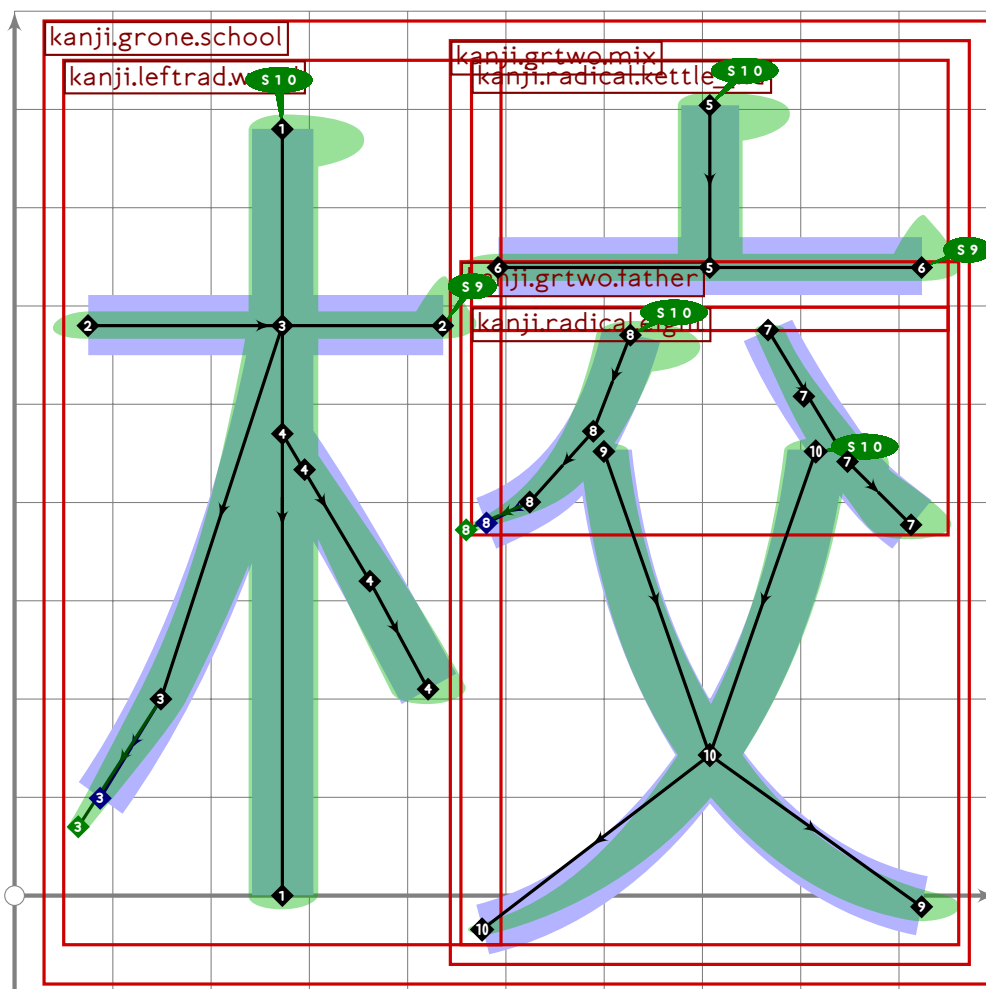

```



```

48
49 vardef kanji.grone.forest =
50   push_pbox_toexpand("kanji.grone.forest");
51   build_kanji.tb(500,100)
52     (kanji.grone.wood)
53     (build_kanji.lr(480,0)
54       (kanji.leftrad.wood)
55       (kanji.grone.wood));
56   expand_pbox;
57 enddef;

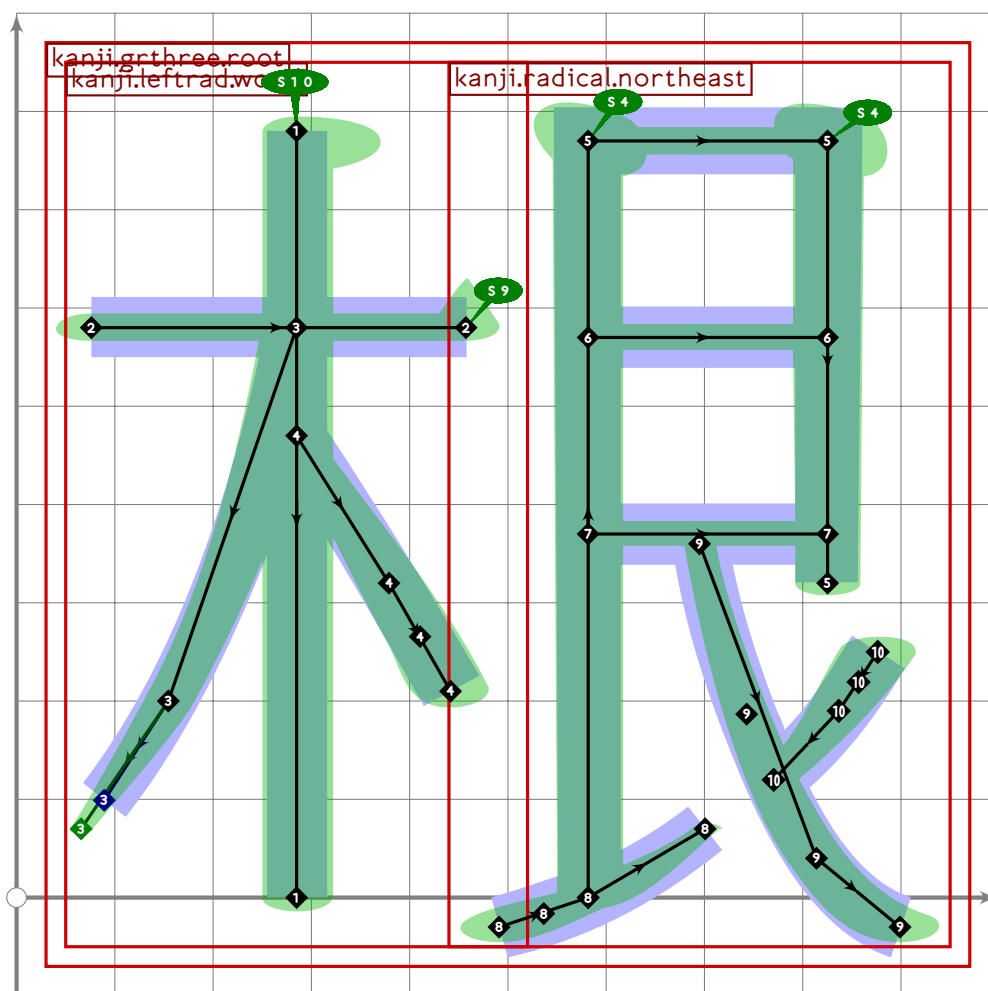
```



```

58
59 vardef kanji.grone.school =
60   push_pbox_toexpand("kanji.grone.school");
61   build_kanji.lr(480,30)
62     (kanji.leftrad.wood)
63     (kanji.grtwo.mix);
64   expand_pbox;
65 enddef;
66
67

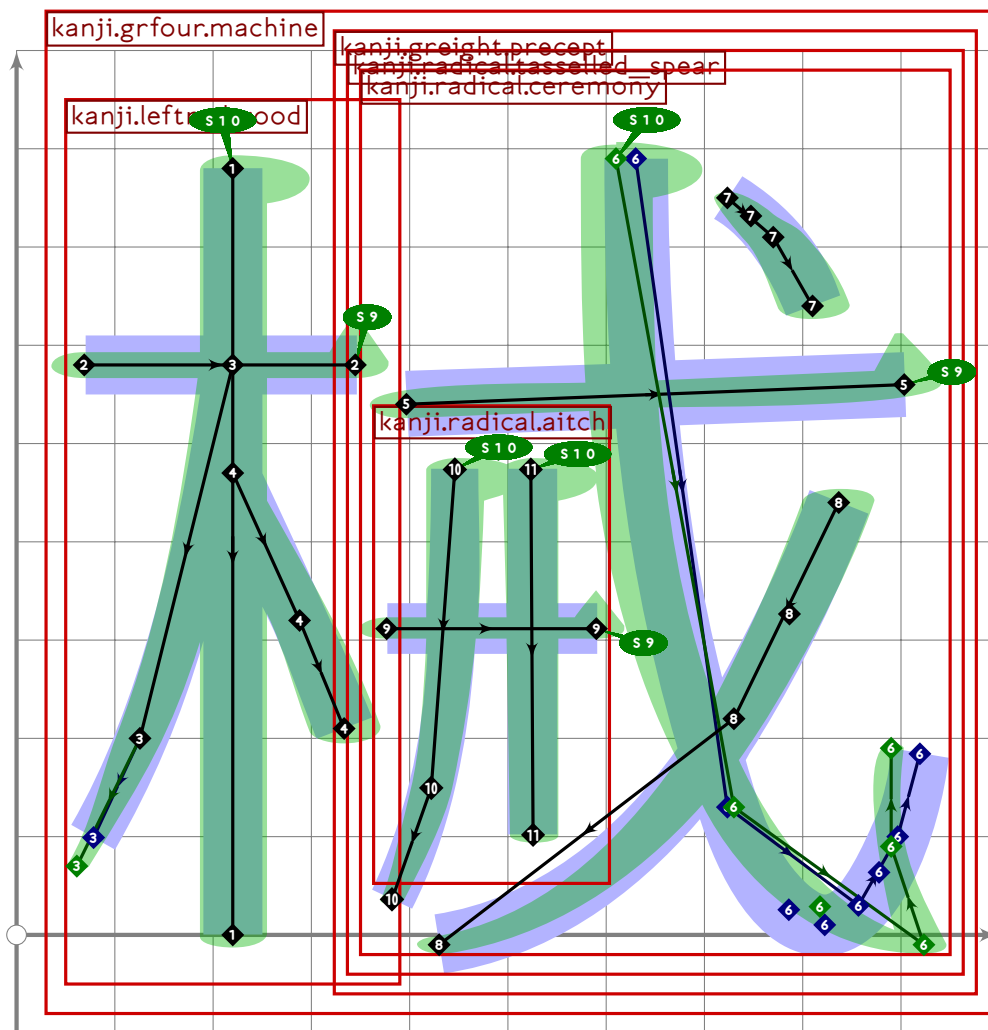
```



```

68
69 vardef kanji.grthree.root =
70   push_pbox_toexpand("kanji.grthree.root");
71   build_kanji.lr(480,80)
72     (kanji.leftrad.wood)
73     (kanji.radical.northeast);
74   expand_pbox;
75 enddef;
76
77

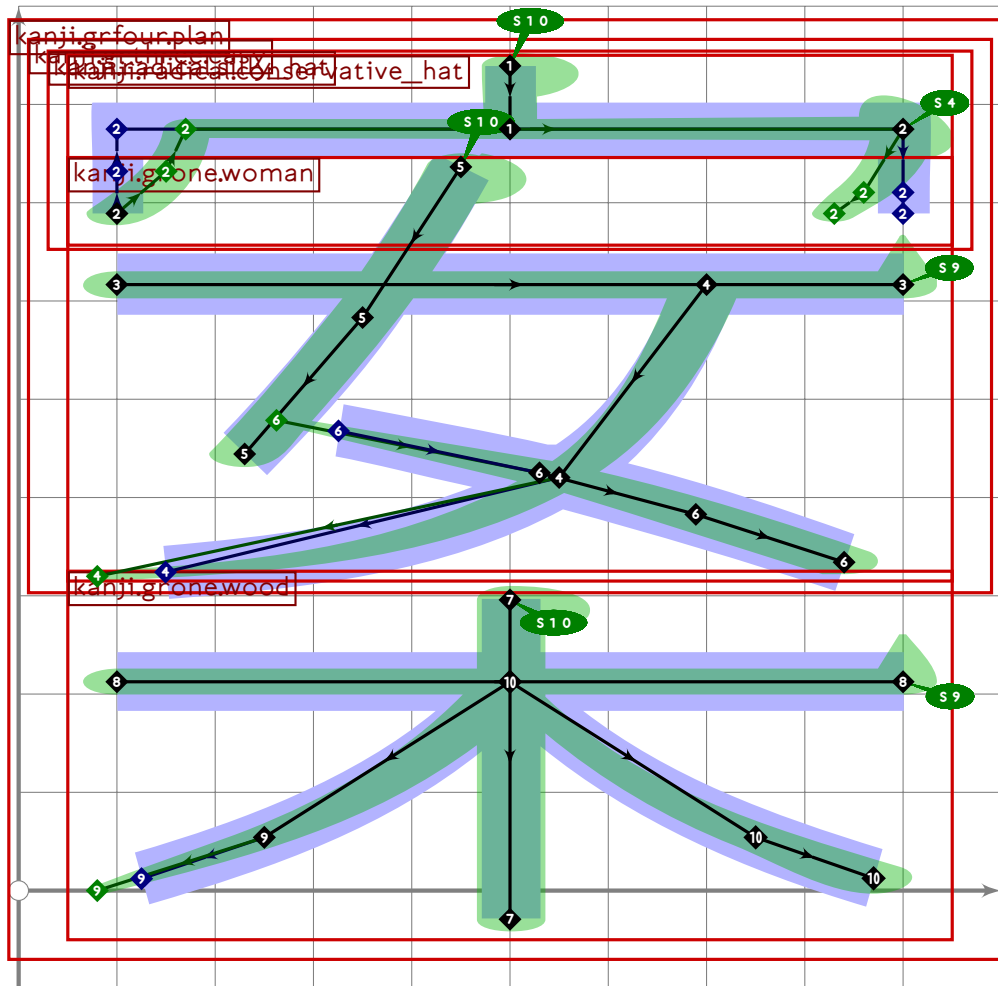
```



```

78
79 vardef kanji.grfour.machine =
80   push_pbox_toexpand("kanji.grfour.machine");
81   build_kanji.lr(370,40)
82     (kanji.leftrad.wood)
83     (build_kanji.sscale(shifted (0,30))(kanji.greight.precept));
84   expand_pbox;
85 enddef;

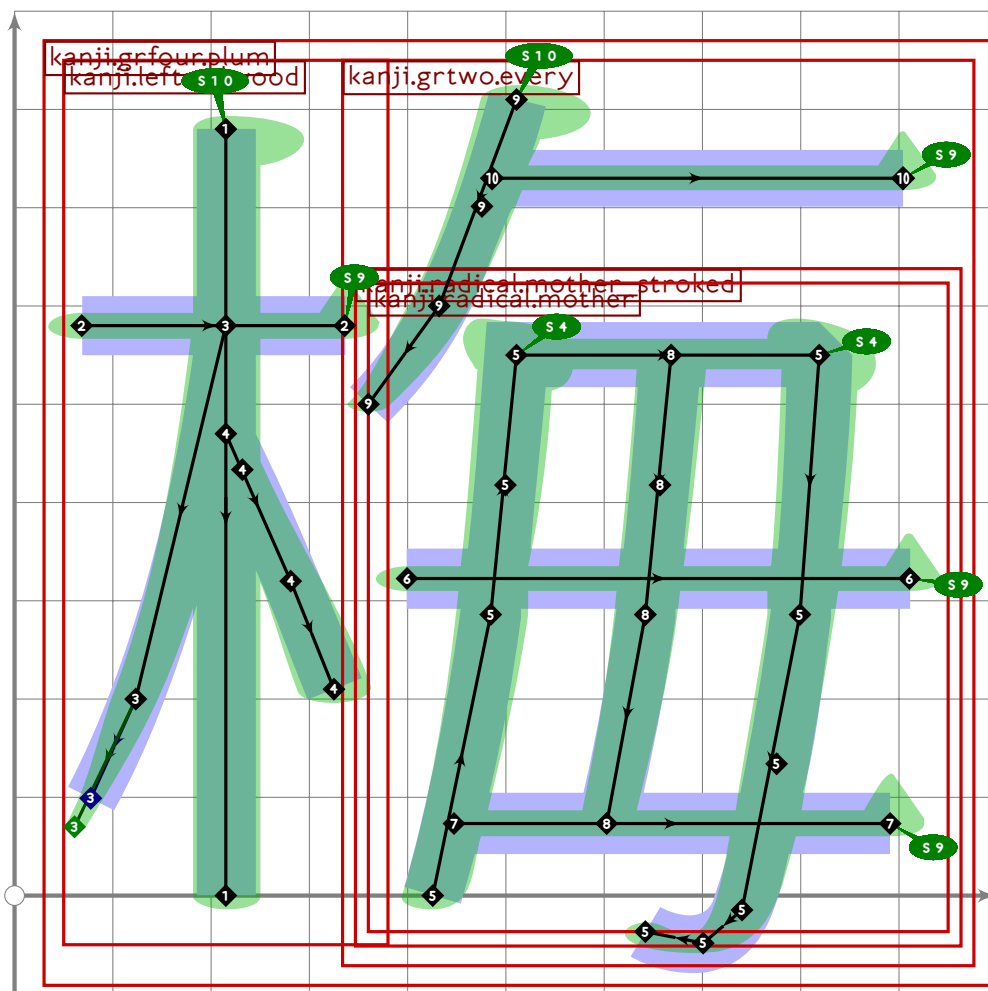
```



```

86
87 vardef kanji.grfour.plan =
88   push_pbox_toexpand("kanji.grfour.plan");
89   build_kanji.tb(320,10)
90     (kanji.grthree.easy)
91     (kanji.grone.wood);
92   expand_pbox;
93 enddef;

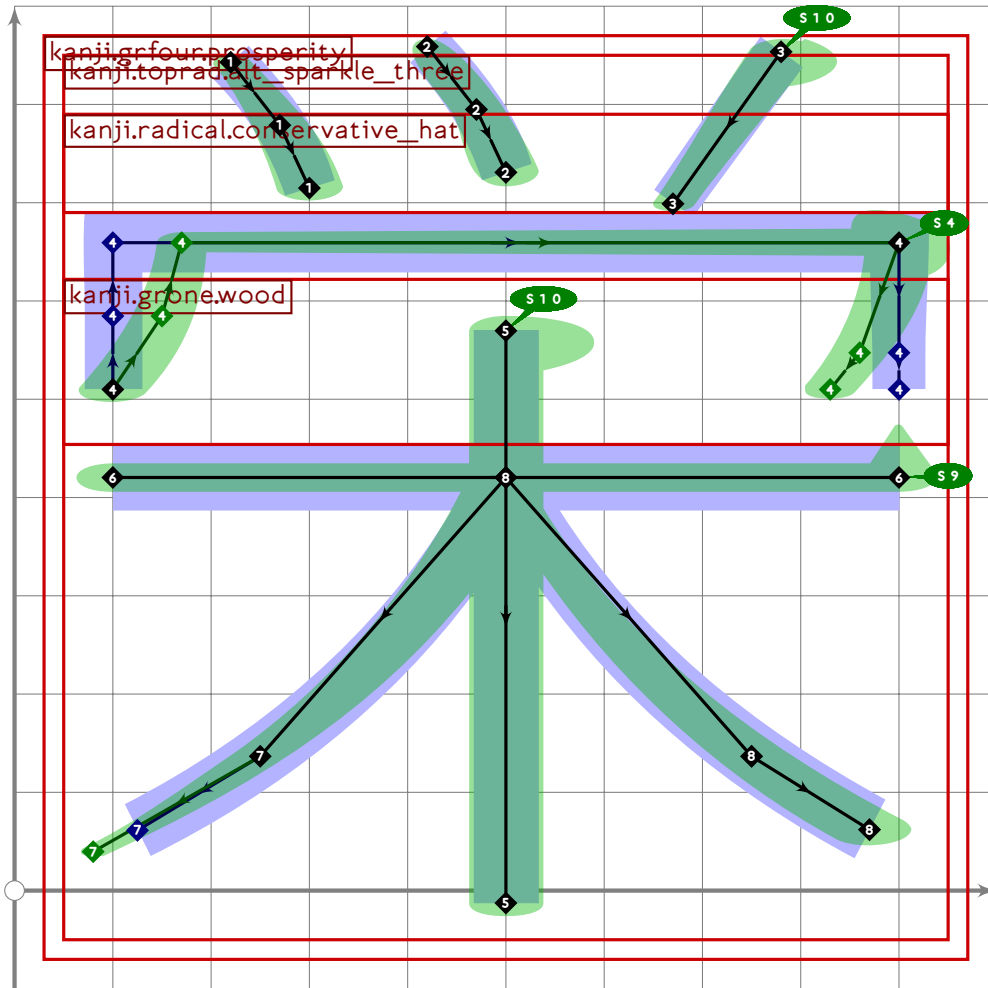
```



```

94
95 vardef kanji.grfour.plum =
96   push_pbox_toexpand("kanji.grfour.plum");
97   build_kanji.lr(370,20)
98     (kanji.leftrad.wood)
99     (kanji.grtwo.every);
100   expand_pbox;
101 enddef;

```

```

102
103 vardef kanji.grfour.prosperity =
104   push_pbox_toexpand("kanji.grfour.prosperity");
105   build_kanji.tb(740,100)
106     (kanji.toprad.alt_sparkle_three)
107     (build_kanji.tb(580,180)
108       (kanji.radical.conservative_hat)
109       (kanji.grone.wood));
110   expand_pbox;
111 enddef;
112
113
114
115 % ei/saka "prosperity"
116 begintsuglyph("uni6804";4);
117   kanji.grfour.prosperity;
118   tsu_render;
119 endtsuglyph;
120
121 % kou "school"
122 begintsuglyph("uni6821";33);

```

[see page 2343]

[see page 2338]

```

123   kanji.grone.school;
124   tsu_render;
125 endtsuglyph;
126
127 % kon/ne "root"
128 begintsuglyph("uni6839";57); [see page 2339]
129   kanji.grthree.root;
130   tsu_render;
131 endtsuglyph;
132
133 % an/tsukue "plan"
134 begintsuglyph("uni6848";72); [see page 2341]
135   kanji.grfour.plan;
136   tsu_render;
137 endtsuglyph;
138
139 % bai/ume "plum"
140 begintsuglyph("uni6885";133); [see page 2342]
141   kanji.grfour.plum;
142   tsu_render;
143 endtsuglyph;
144
145 % kai/kase "machine"
146 begintsuglyph("uni68B0";176); [see page 2340]
147   kanji.grfour.machine;
148   tsu_render;
149 endtsuglyph;
150
151 % shin/mori "forest"
152 begintsuglyph("uni68EE";238); [see page 2337]
153   kanji.grone.forest;
154   tsu_render;
155 endtsuglyph;
156
157 _____
158
159 endfont;
160
161 _____

```

tsuku-69.mp

```
1 %  
2 % Unicode page 69 (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 gradeone.mp;
```

```
38 input gradesix.mp;
```

```
39 input gradethree.mp;
```

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

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

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

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

```
44 input toprad.mp;
```

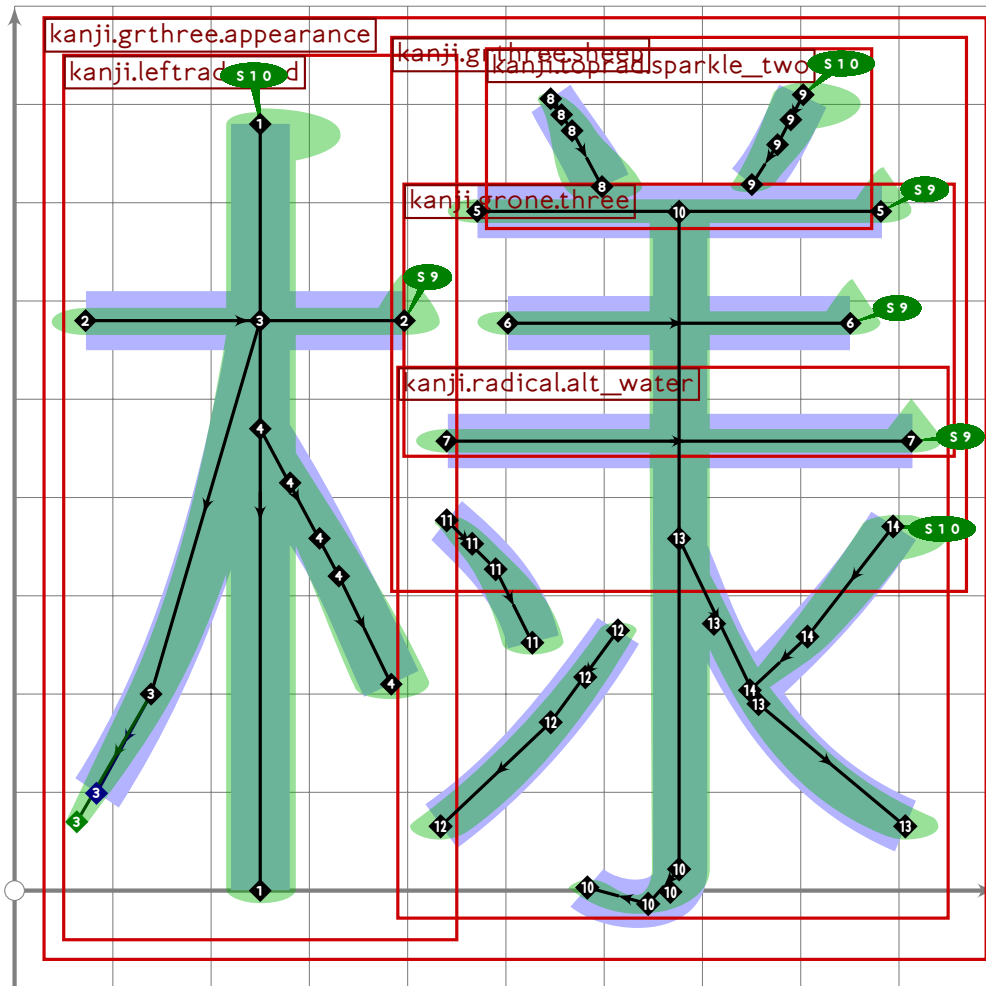
```
45
```

```
46 do_late_includes;
```

```
47
```

```
48
```

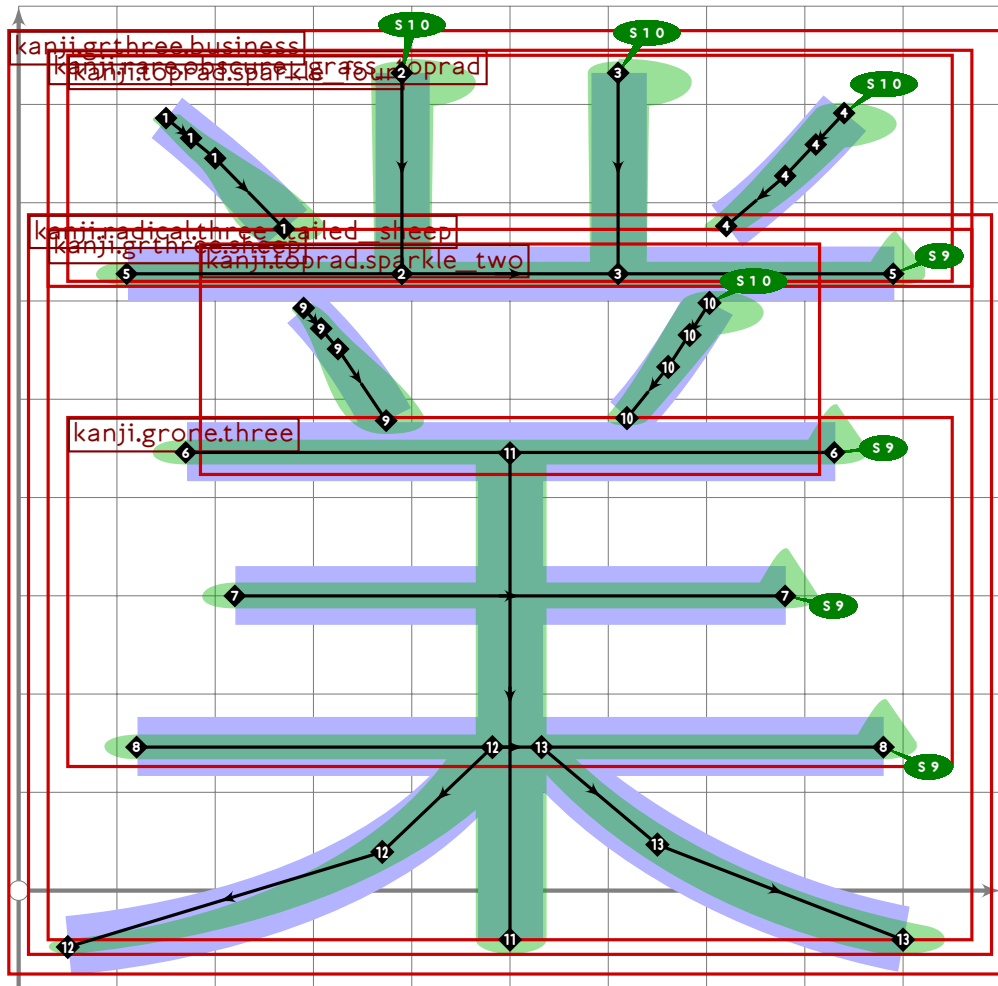
```
49
```



```

50 % this is "sama," the honorific, also "you" as in "you ni"
51 vardef kanji.grthree.appearance =
52   push_pbox_toexpand("kanji.grthree.appearance");
53   build_kanji.lr(420,60)
54   (kanji.leftrad.wood)
55   (build_kanji.level(build_kanji.sscale(yscaled 0.95)(
56     build_kanji.tb(420,240)
57     (build_kanji.sscale(shifted (10,0))(kanji.grthree.sheep))
58     (kanji.radical.alt_water);
59     replace_stroke(-4)
60     ((point 0 of get_stroke(-5))-subpath (1,infinity) of oldp);
61     set_boserif(-4,0,whatever);
62     set_bosize(-5,0)))));
63   expand_pbox;
64 enddef;

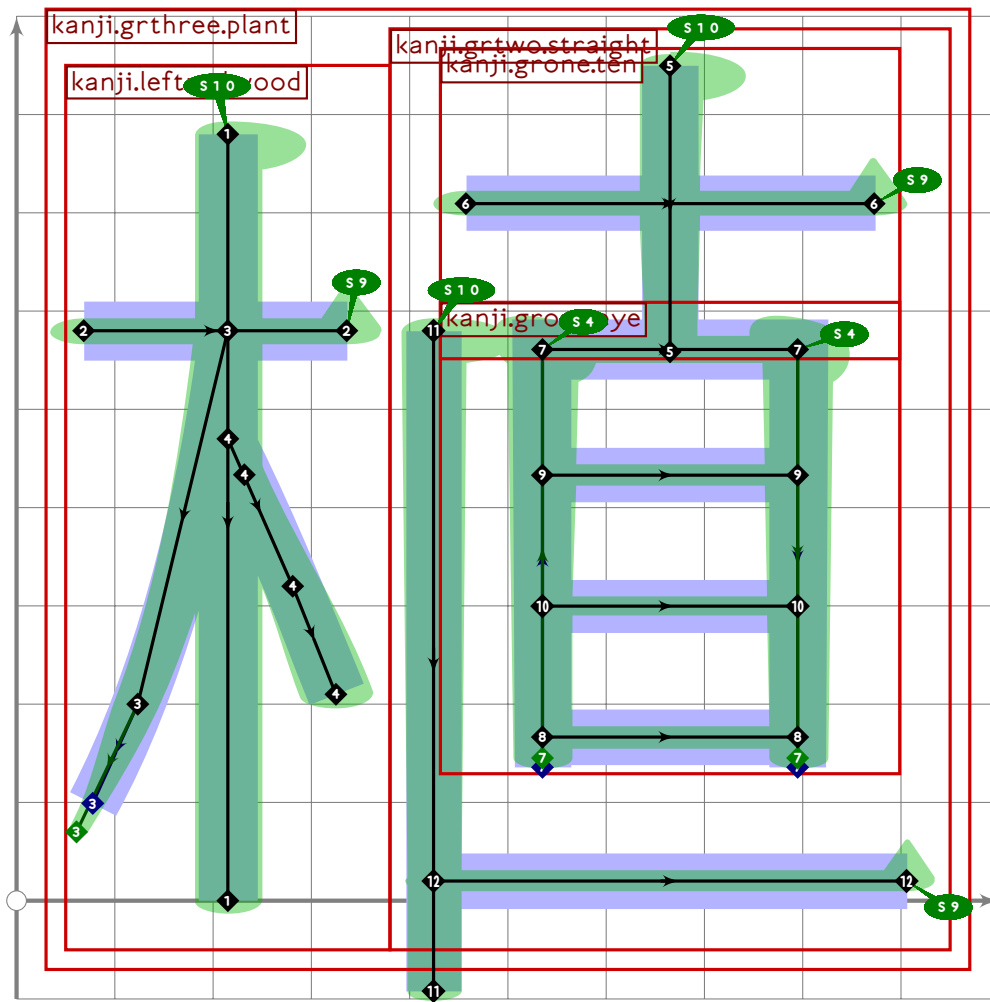
```



```

65
66 vardef kanji.grthree.business =
67   push_pbox_toexpand("kanji.grthree.business");
68   build_kanji.tb(620,0)
69     (kanji.rare.obscure_grass_toprad)
70     (kanji.radical.three_tailed_sheep);
71   expand_pbox;
72 enddef;

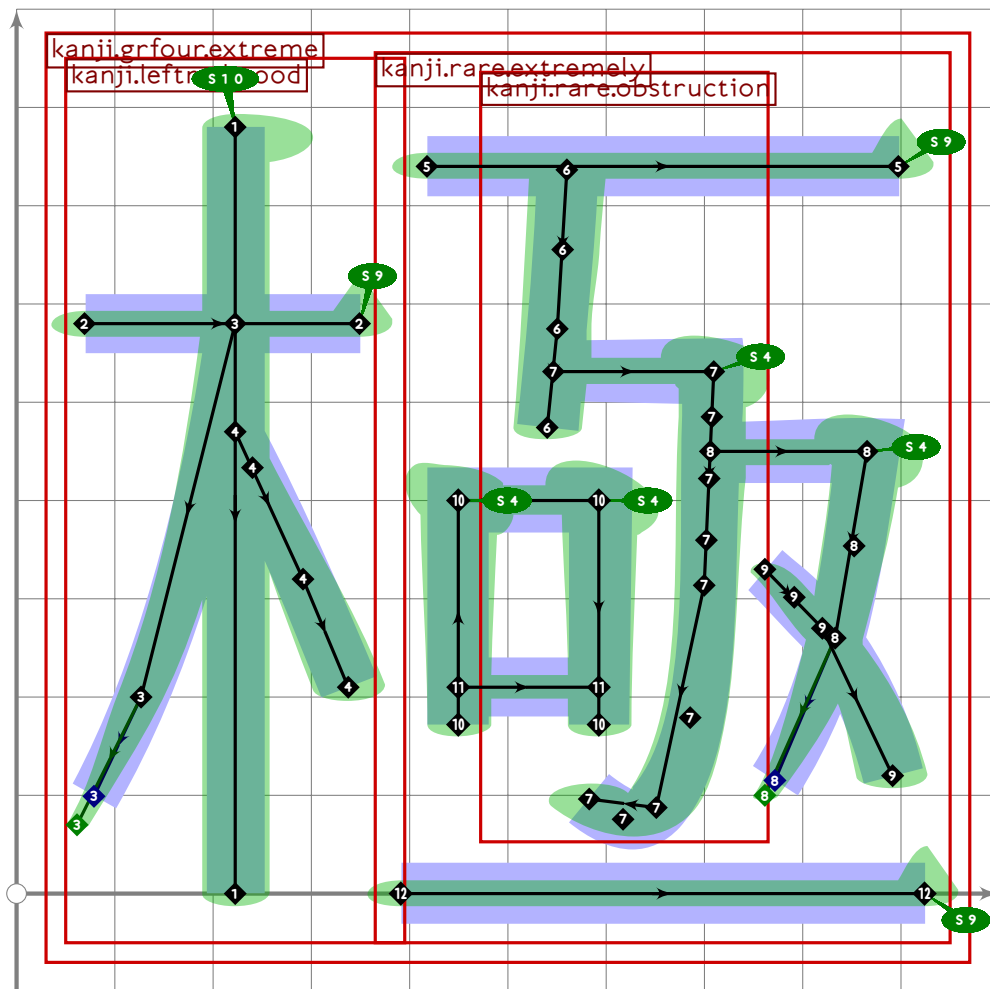
```



```

73
74 vardef kanji.grthree.plant =
75   push_pbox_toexpand("kanji.grthree.plant");
76   build_kanji.lr(380,0)
77     (kanji.leftrad.wood)
78     (kanji.grtwo.straight);
79   expand_pbox;
80 enddef;
81
82

```



```

83
84 vardef kanji.grfour.extreme =
85   push_pbox_toexpand("kanji.grfour.extreme");
86   build_kanji.lr(380,30)
87     (kanji.leftrad.wood)
88     (kanji.rare.extremely);
89   expand_pbox;
90 enddef;
91
92
93
94 vardef kanji.radical.three_tailed_sheep =
95   push_pbox_toexpand("kanji.radical.three_tailed_sheep");
96   kanji.grthree.sheep;
97   push_stroke(
98     (510,615){down}..(500,260)..(370,70)..{curl 0.5}(50,-60),
99     (1,6,6)-(14,14)-(11,1,1));
100   push_stroke(((get_stroke(0) intersectionpoint get_stroke(-4))+(50,0))..
101     (650,80)..(900,50),
102     (1,1,1)-(14,14)-(1,7,7));
103   replace_stroke(-1)(subpath

```

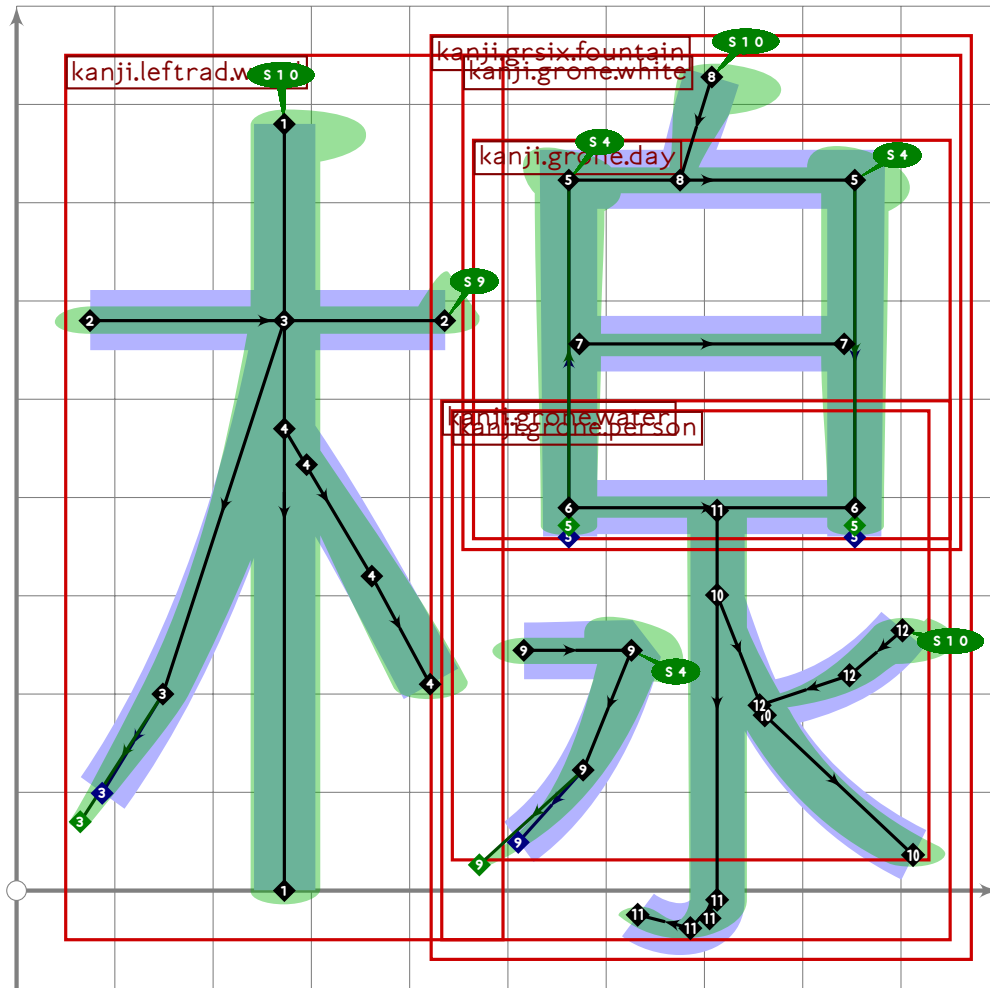
```

104    (xpart (oldp intersectiontimes get_strokep(-5)),infinity) of oldp);
105    expand_pbox;
106 enddef;
107
108 

---


109
110 % shoku/u "plant"
111 begintsuglyph("uni690D";13); [see page 2348]
112   kanji.grthree.plant;
113   tsu_render;
114 endtsuglyph;
115
116 % kyou/waza "business"
117 begintsuglyph("uni696D";109); [see page 2347]
118   kanji.grthree.business;
119   tsu_render;
120 endtsuglyph;
121
122 % kyoku/kiwa "extreme"
123 begintsuglyph("uni6975";117); [see page 2349]
124   kanji.grfour.extreme;
125   tsu_render;
126 endtsuglyph;
127
128 % gaku/tano "music" or "fun"
129 begintsuglyph("uni697D";125); [see page 506]
130   kanji.grtwo.fun;
131   tsu_render;
132 endtsuglyph;
133

```

```

134 % hanzou "container for pouring water"
135 begintsuglyph("uni697E";126);
136   build_kanji.lr(480,30)
137     (kanji.leftrad.wood)
138     (kanji.grsix.fountain);
139   tsu_render;
140 endtsuglyph;
141
142 % you/sama "honorific suffix with difficult literal meaning"
143 begintsuglyph("uni69D8";216);
144   kanji.grthree.appearance;
145   tsu_render;
146 endtsuglyph;
147
148 _____
149
150 endfont;
151
152 _____

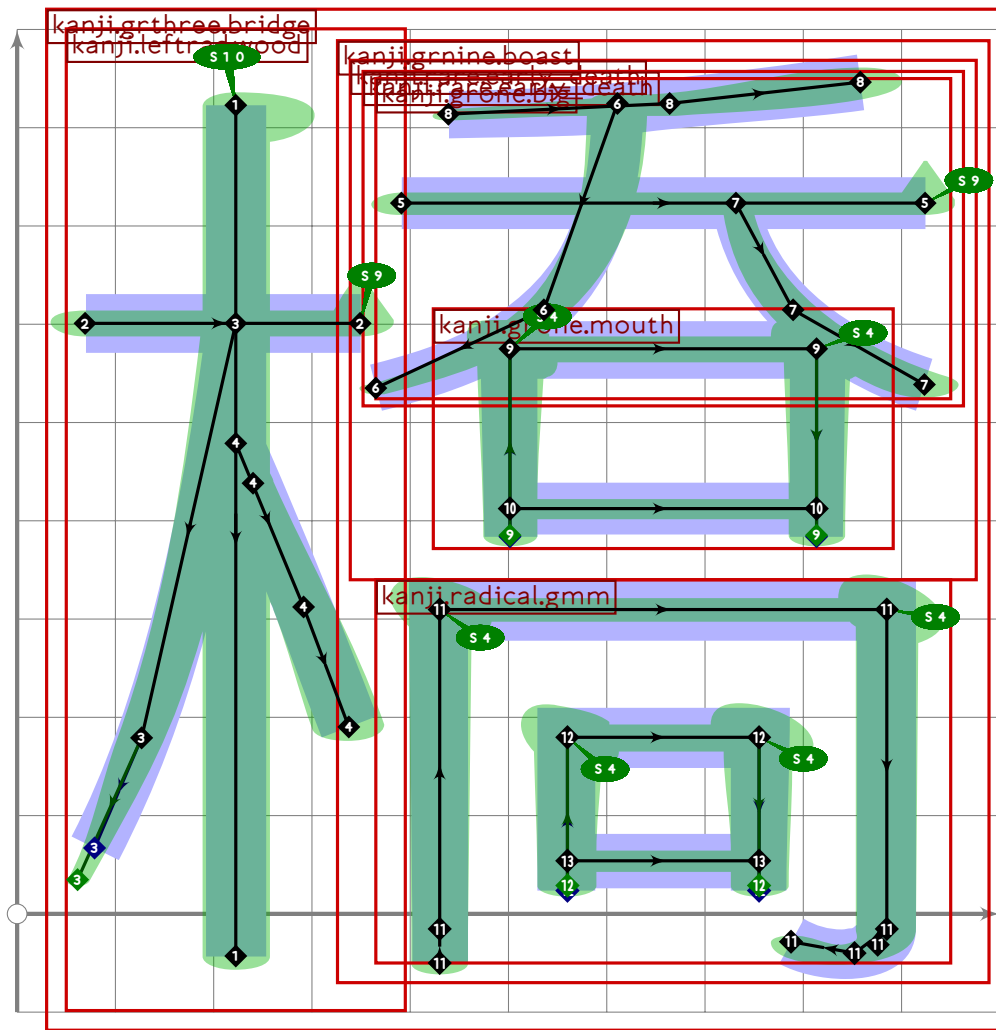
```

[see page 2346]

tsuku-6a.mp

6A

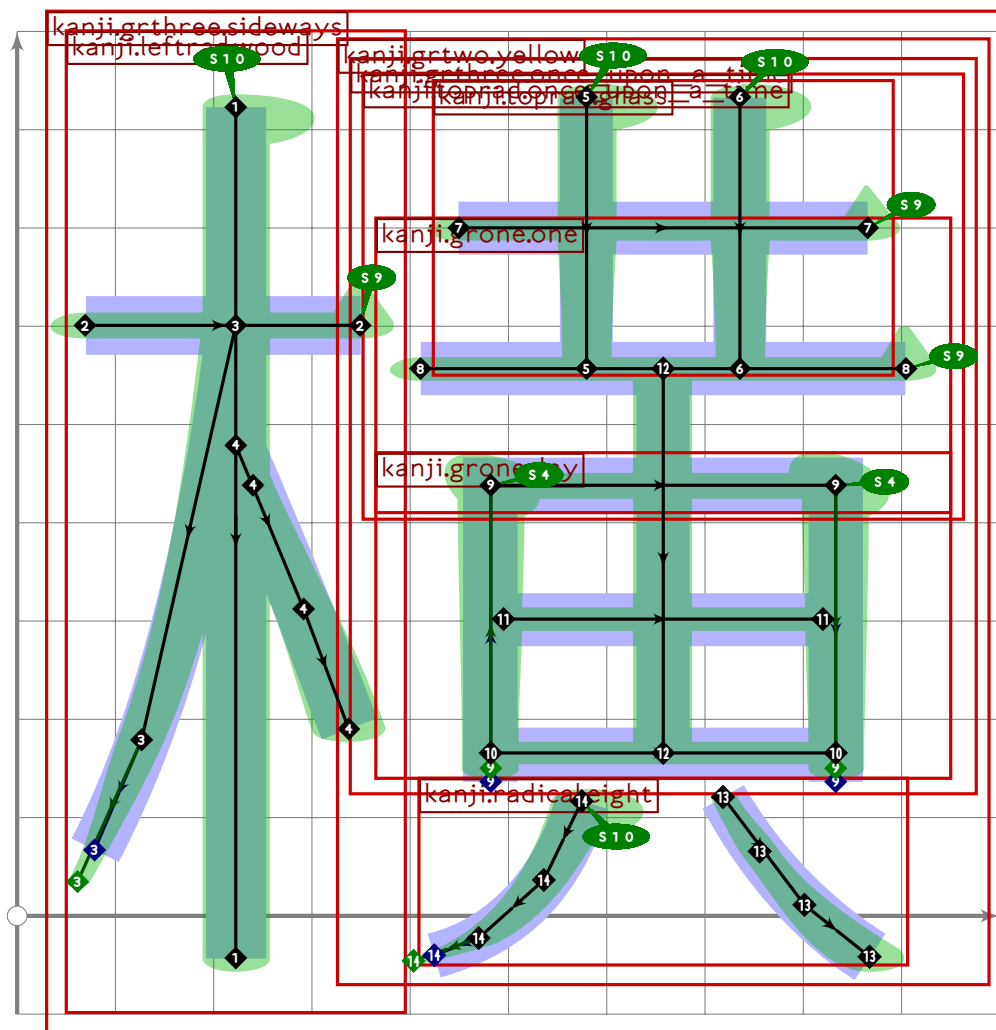
```
1 %
2 % Unicode page 6A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input gradeone.mp;
42 input gradethree.mp;
43 input gradetwo.mp;
44 input leftrad.mp;
45 input radical.mp;
46 input rare.mp;
47 input toprad.mp;
48
49 do_late_includes;
50
51 _____
```



```

52
53 vardef kanji.grthree.bridge =
54   push_pbox_toexpand("kanji.grthree.bridge");
55   build_kanji.lr(380,30)
56     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
57     (kanji.grnine.boast);
58   expand_pbox;
59 enddef;

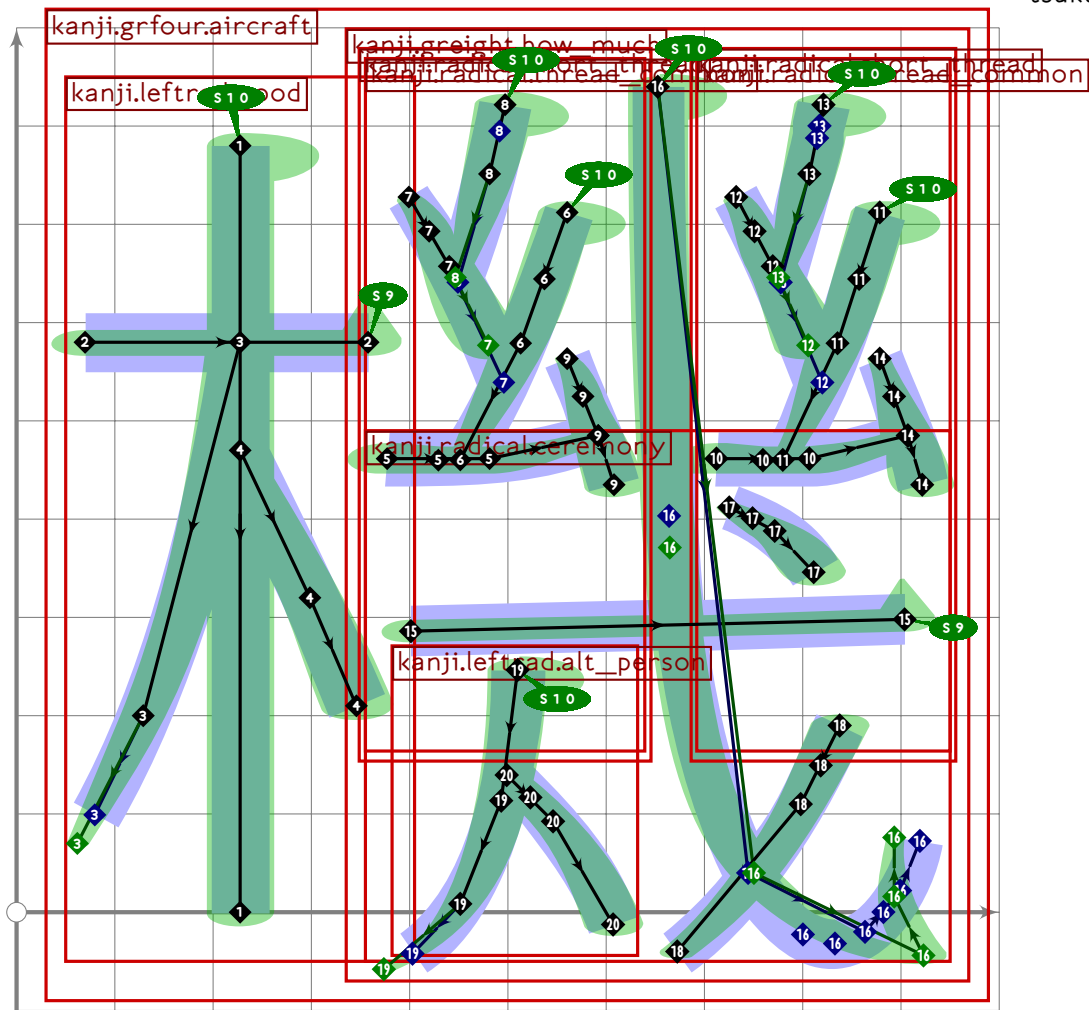
```



```

60
61 vardef kanji.grththree.sideways =
62   push_pbox_toexpand("kanji.grththree.sideways");
63   build_kanji.lr(380,30)
64     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
65     (kanji.grtwo.yellow);
66   expand_pbox;
67 enddef;
68
69

```

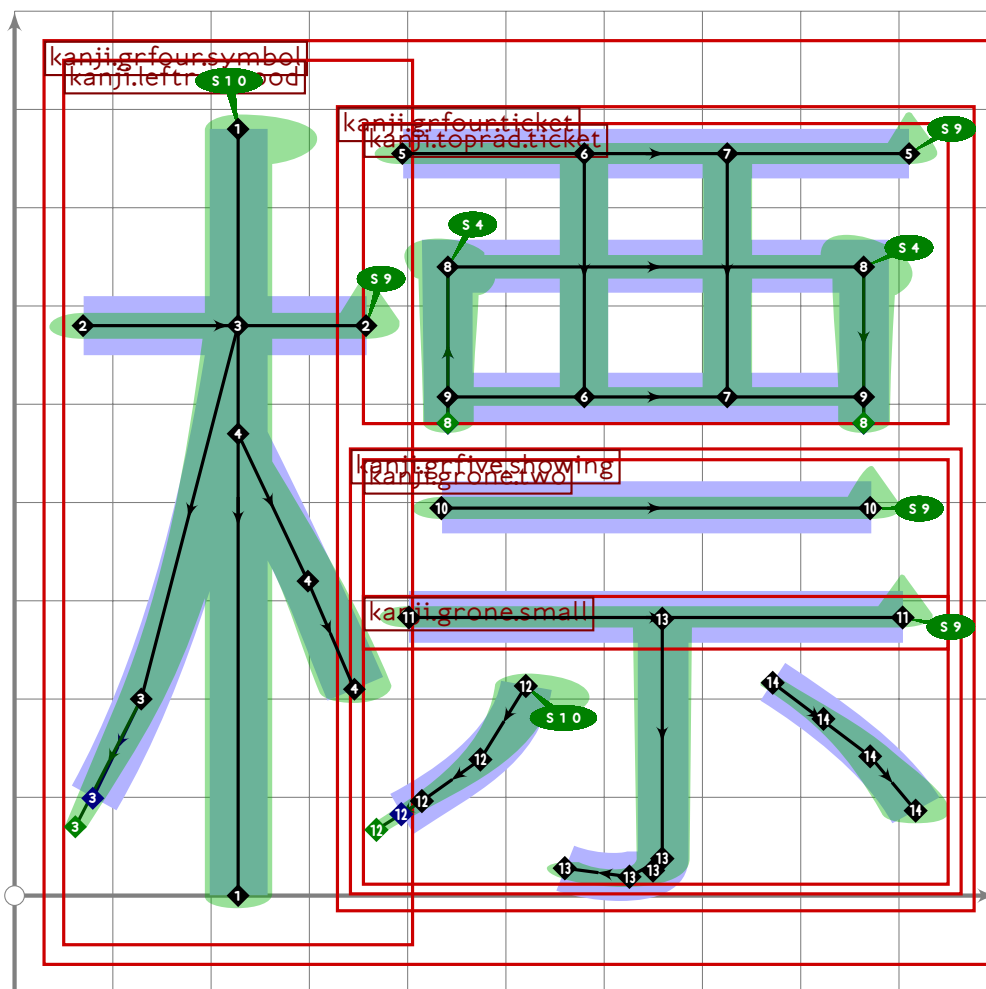


6A

```

70
71 vardef kanji.grfour.aircraft =
72   push_pbox_toexpand("kanji.grfour.aircraft");
73   build_kanji.lr(380,50)
74     (kanji.leftrad.wood)
75     (kanji.greight.how_much);
76   expand_pbox;
77 enddef;

```



```

78
79 vardef kanji.grfour.symbol =
80   push_pbox_toexpand("kanji.grfour.symbol");
81   build_kanji.lr(380,50)
82     (kanji.leftrad.wood)
83     (build_kanji.sscale(yscaled 0.86)(kanji.grfour.ticket));
84   expand_pbox;
85 enddef;
86
87
88
89 % hyou/shirobe "symbol"
90 begintsuglyph("uni6A19";25);
91   kanji.grfour.symbol;
92   tsu_render;
93 endtsuglyph;
94
95 % ou/yoku "sideways"
96 begintsuglyph("uni6A2A";42);
97   kanji.grthree.sideways;
98   tsu_render;

```

[see page 2356]

[see page 2354]

```

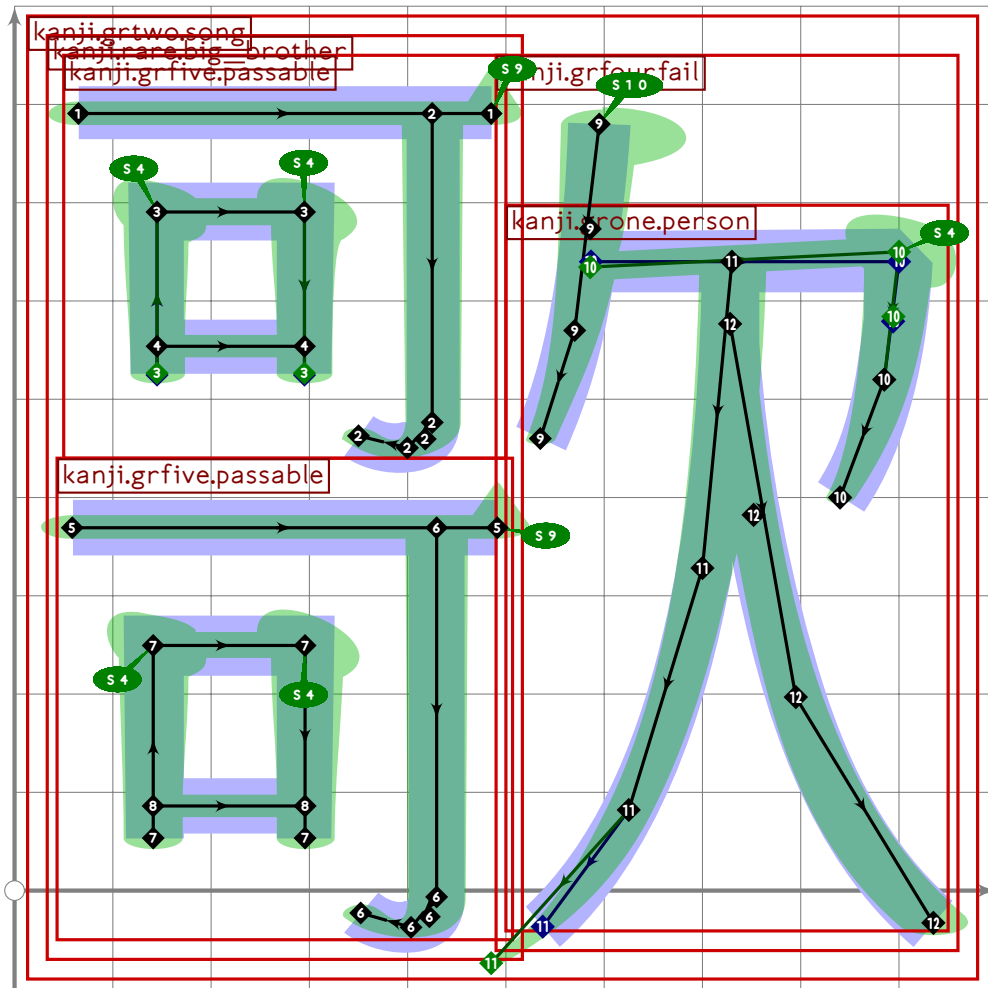
99 endtsuglyph;
100
101 % kyou/hasi "bridge"
102 begintsuglyph("uni6A4B";75); [see page 2353]
103   kanji.grthree.bridge;
104   tsu_render;
105 endtsuglyph;
106
107 % ki/hata "aircraft"
108 begintsuglyph("uni6A5F";95); [see page 2355]
109   kanji.grfour.aircraft;
110   tsu_render;
111 endtsuglyph;
112
113 _____
114
115 endfont;
116
117 _____

```

tsuku-6b.mp

6B

```
1 %
2 % Unicode page 6B (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 toprad.mp;
48
49 do_late_includes;
50
51
```

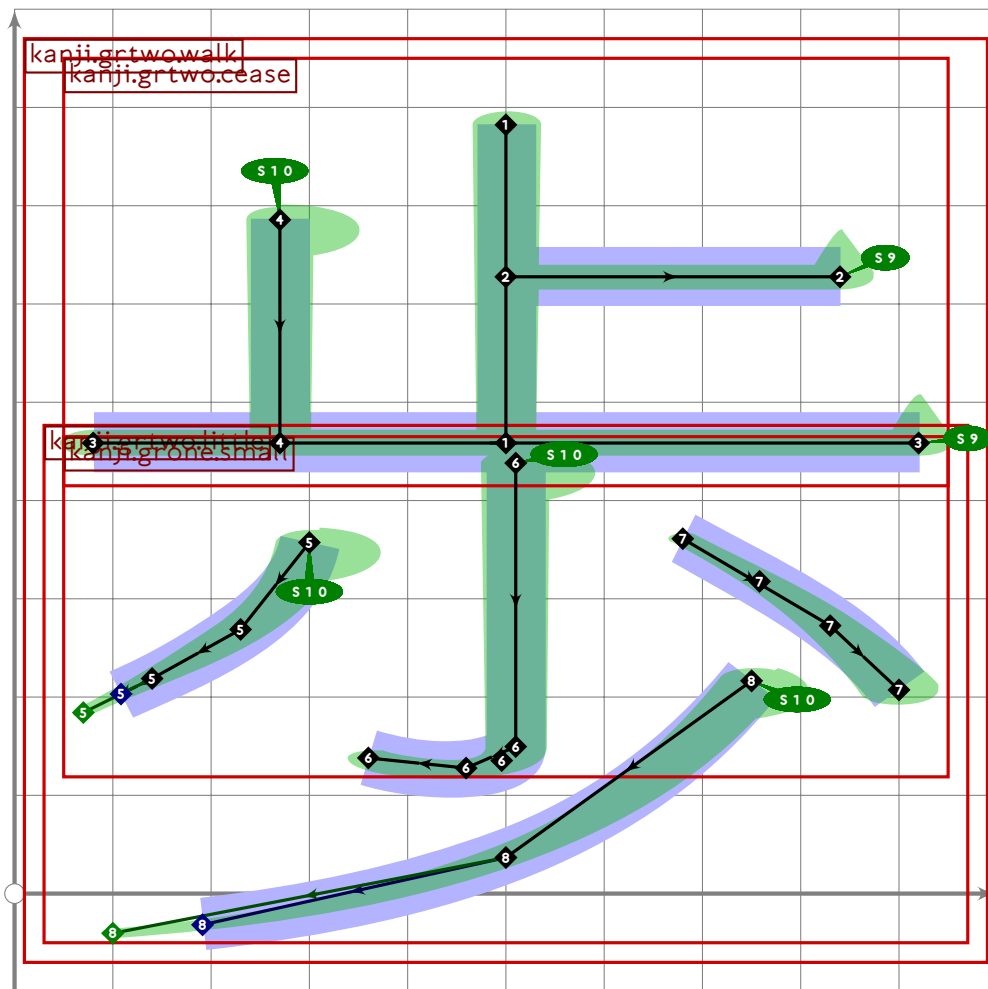


```

52
53 vardef kanji.grtwo.song =
54   push_pbox_toexpand("kanji.grtwo.song");
55   build_kanji.lr(500,0)
56   (kanji.rare.big_brother)
57   (kanji.grfour.fail);
58   expand_pbox;
59 enddef;

```

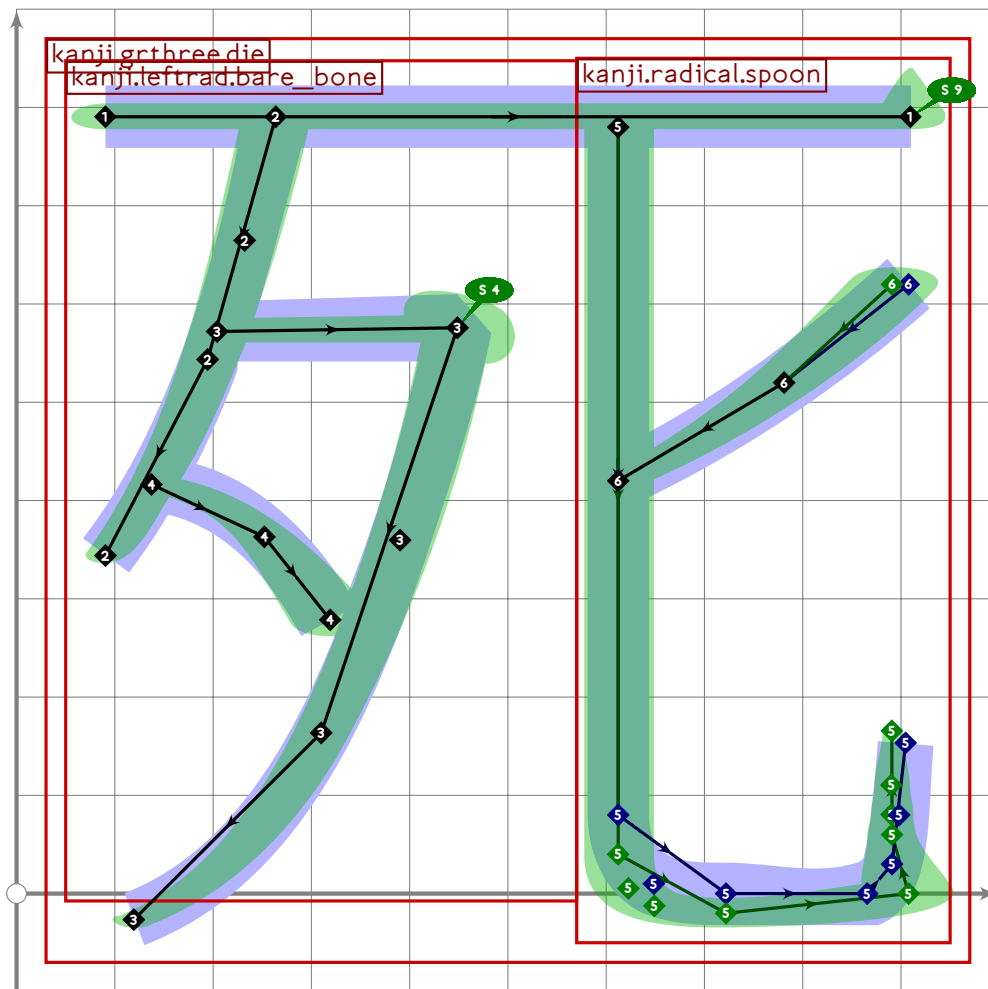
6B



```

60
61 vardef kanji.grtwo.walk =
62   push_pbox_toexpand("kanji.grtwo.walk");
63   build_kanji.level(build_kanji.tb(440,50)
64     (kanji.grtwo.cease)
65     (kanji.grtwo.little));
66   expand_pbox;
67 enddef;
68
69

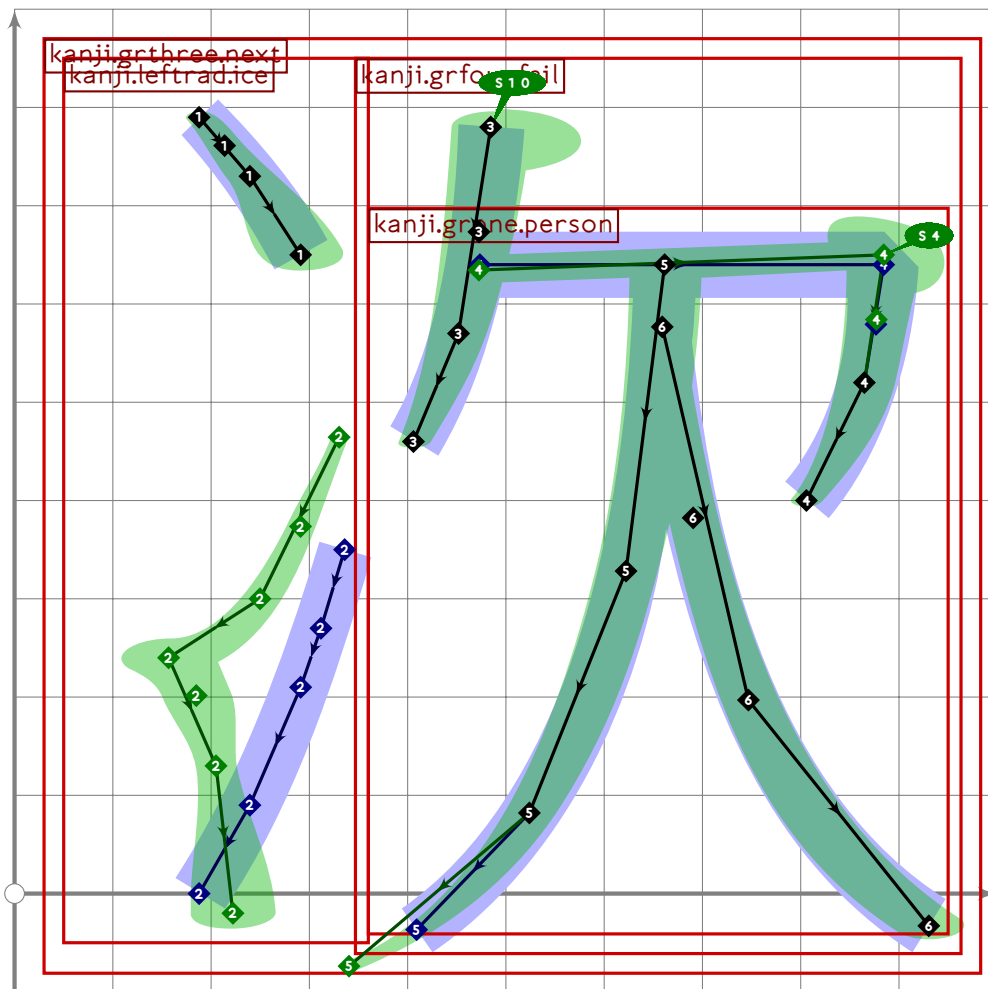
```



```

70
71 vardef kanji.grthree.die =
72   push_pbox__toexpand("kanji.grthree.die");
73   build_kanji.level(build_kanji.lr(570,0)
74     (tsu_xform(identity shifted (0,-800) yscaled 0.95 shifted (0,800))
75       (kanji.leftrad.bare_bone))
76       (kanji.radical.spoon));
77   set_boserif(-1,0,whatever);
78   set_boserif(0,0,whatever);
79   replace_strokep(-5)((point 0 of oldp)-
80     (1000-xpart point 0 of oldp,ypart point 1 of oldp));
81   expand_pbox;
82 enddef;

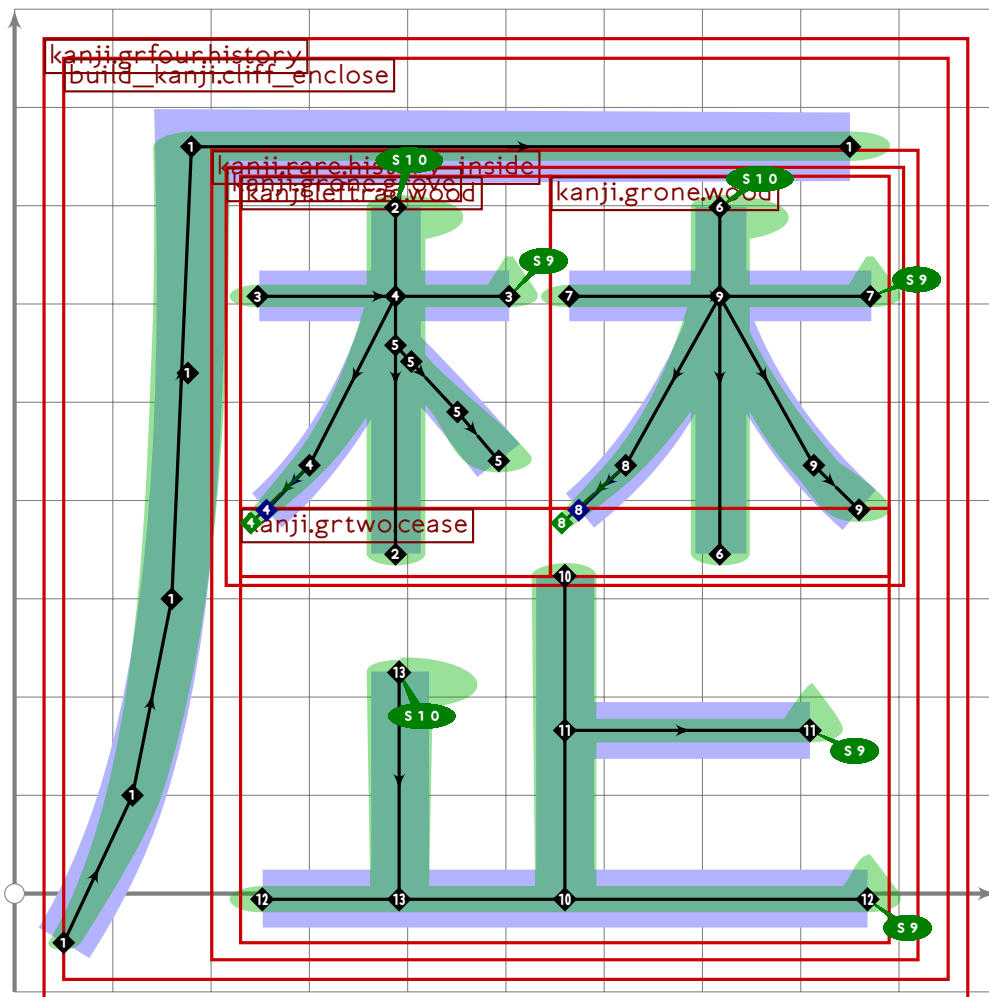
```



```

83
84 vardef kanji.grthree.next =
85   push_pbox_toexpand("kanji.grthree.next");
86   build_kanji.lr(360,0)
87     (kanji.leftrad.ice)
88     (kanji.grfour.fail);
89   expand_pbox;
90 enddef;
91
92

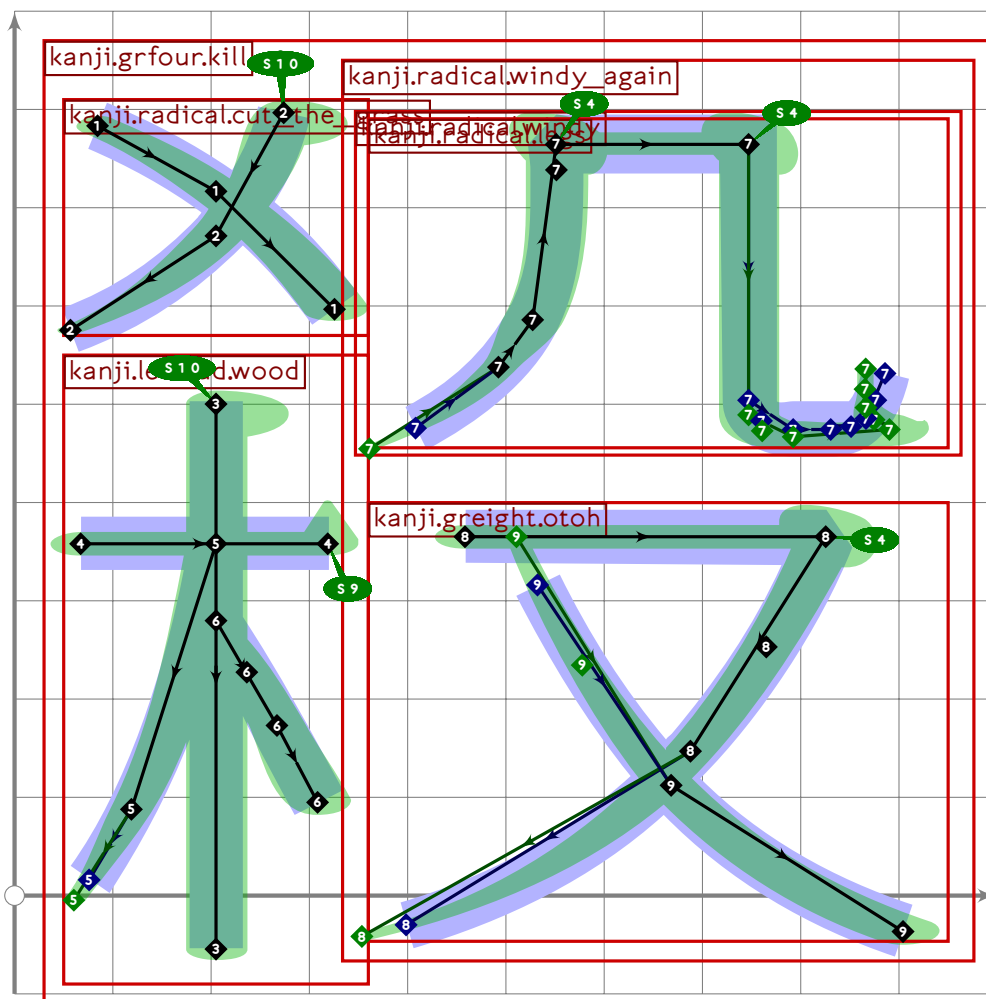
```



```

93
94 vardef kanji.grfour.history =
95   push_pbox_toexpand("kanji.grfour.history");
96   build_kanji.cliff_enclose(kanji.rare.history_inside);
97   expand_pbox;
98 enddef;

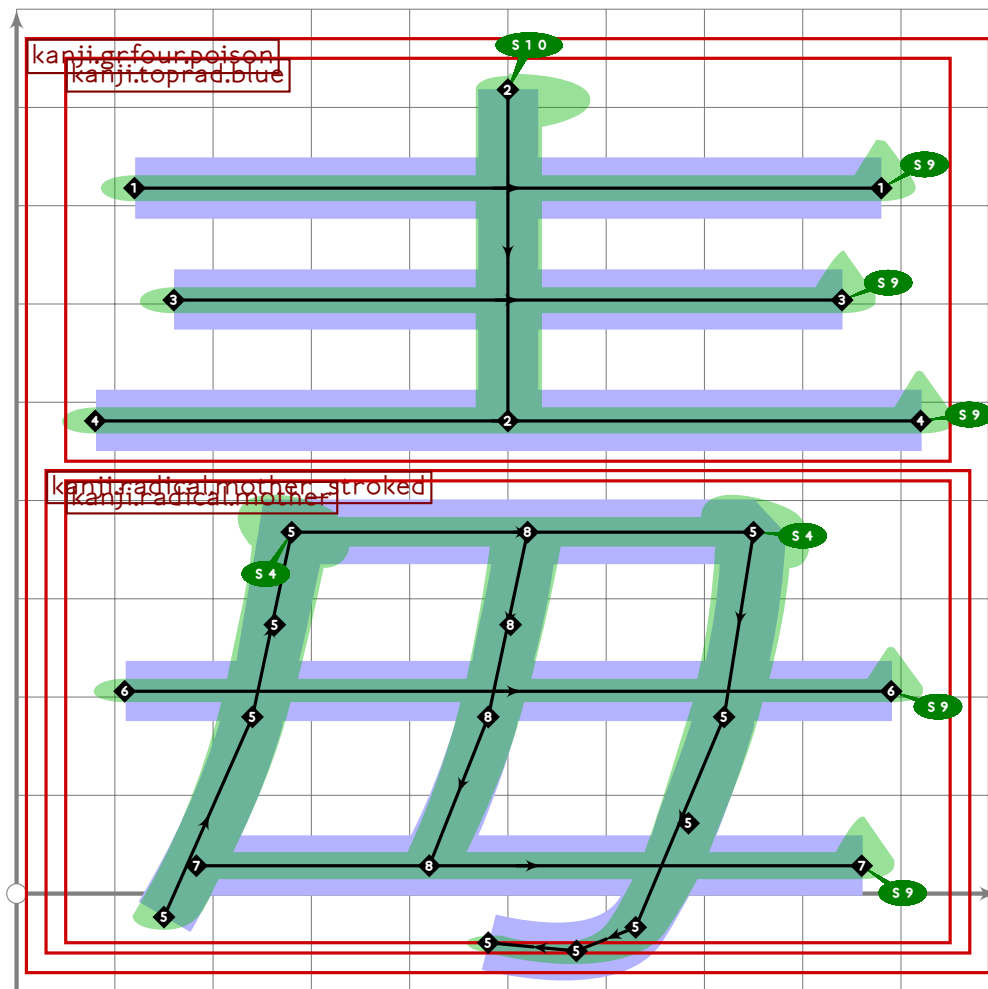
```



```

99
100 vardef kanji.grfour.kill =
101   push_pbox_toexpand("kanji.grfour.kill");
102   build_kanji.level(build_kanji.lr(360,0)
103     (build_kanji.sscale(shifted (0,-40))(build_kanji.tb(600,-20)
104       (kanji.radical.cut_the_grass)
105       (kanji.leftrad.wood))))
106   (kanji.radical.windy_again));
107   expand_pbox;
108 enddef;

```

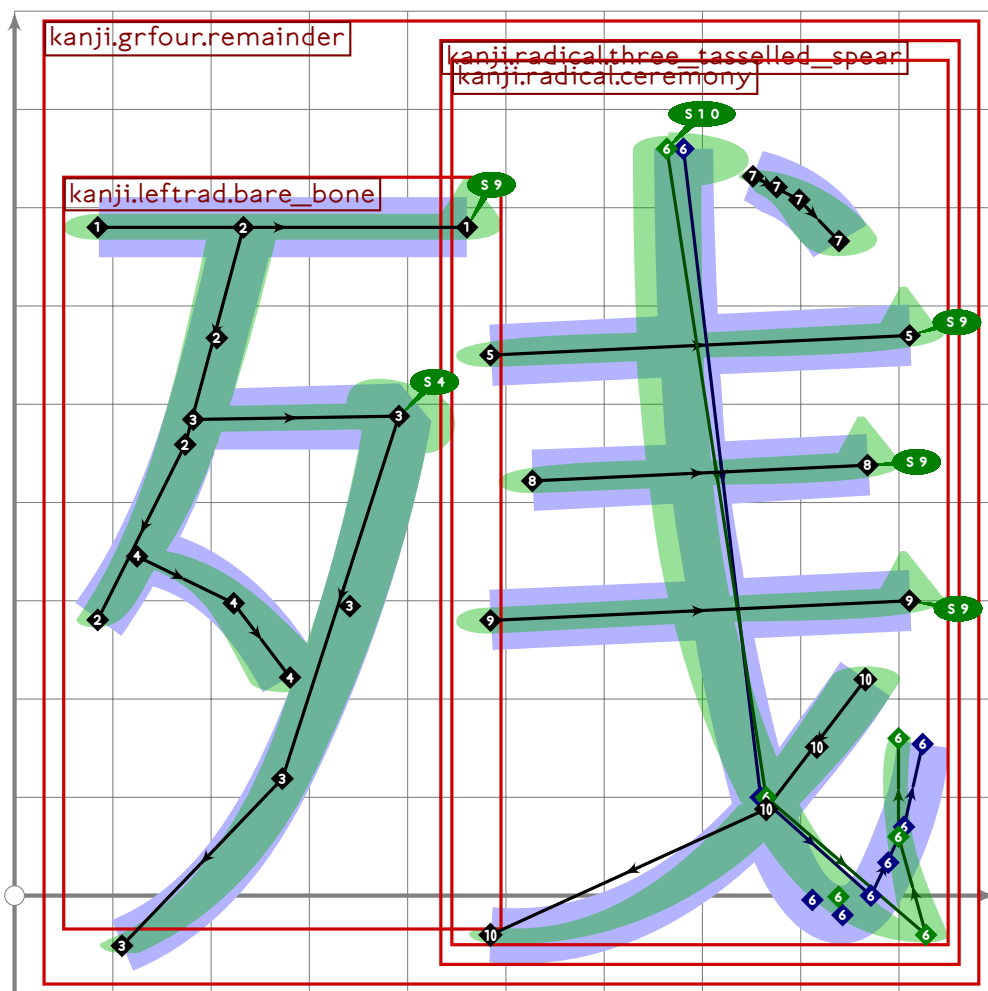


6B

```

109
110 vardef kanji.grfour.poison =
111   push_pbox_toexpand("kanji.grfour.poison");
112   build_kanji.level(build_kanji.tb(430;-20)
113     (kanji.toprad.blue)
114     (kanji.radical.mother_stroked));
115   expand_pbox;
116 enddef;

```



```

117
118 vardef kanji.grfour.remainder =
119   push_pbox_toexpand("kanji.grfour.remainder");
120   build_kanji.level(build_kanji.lr(470,50)
121     (build_kanji.sscale(yscaled 0.85 shifted (0;-50))
122       (kanji.leftrad.bare_bone))
123     (kanji.radical.three_tasselled_spear));
124   expand_pbox;
125 enddef;
126
127
128
129 % ketsu/ka/akubi "fail" or "yawn"
130 begintsuglyph("uni6B20";32);
131   kanji.grfour.fail;
132   tsu_render;
133 endtsuglyph;
134
135 % ji/tsugi "next"
136 begintsuglyph("uni6B21";33);
137   kanji.grthree.next;

```

[see page 616]

[see page 2362]


```

138   tsu_render;
139 endtsuglyph;
140
141 % ka/uta "song"
142 begintsuglyph("uni6B4C";76);
143   kanji.grtwo.song;
144   tsu_render;
145 endtsuglyph;
146
147 % shi/toma "stop"
148 begintsuglyph("uni6B62";98);
149   kanji.grtwo.cease;
150   tsu_render;
151 endtsuglyph;
152
153 % sei/tada/machi "correct"
154 begintsuglyph("uni6B63";99);
155   kanji.grone.correct;
156   tsu_render;
157 endtsuglyph;
158
159 % ho/aruku "walk"
160 begintsuglyph("uni6B69";105);
161   kanji.grtwo.walk;
162   tsu_render;
163 endtsuglyph;
164

```

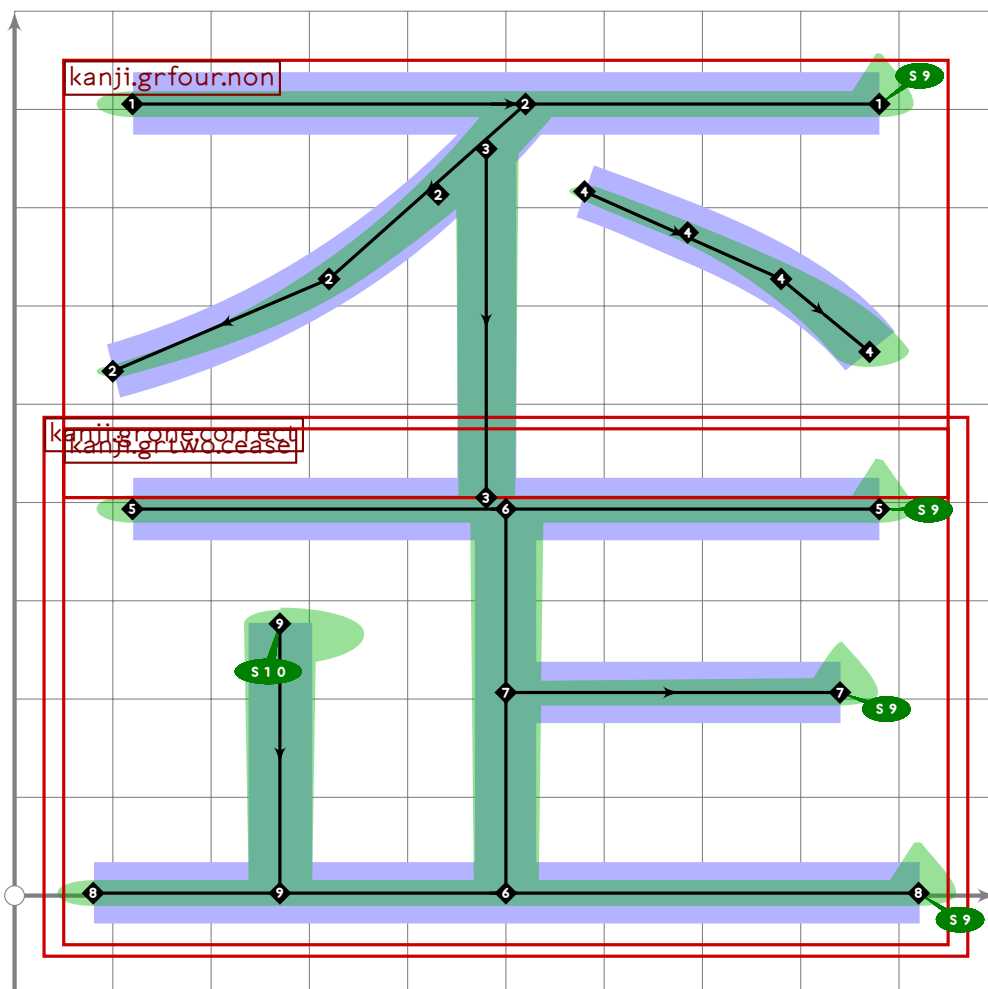
[see page 2359]

[see page 488]

[see page 424]

[see page 2360]

U+6B6A
tsuku.uni6B6A



6B

```

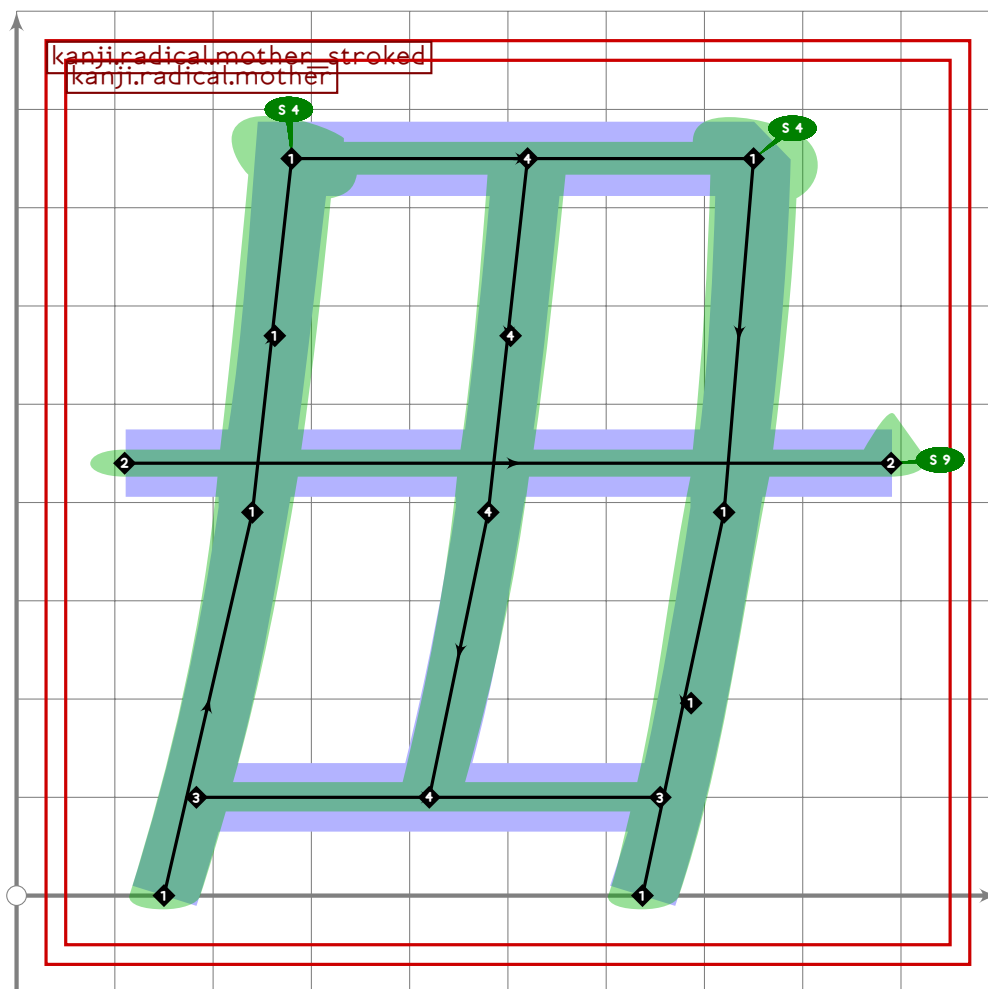
165 % extra: wai/iga "warp"
166 begintsuglyph("uni6B6A";106);
167   build_kanji.tb(440,70)
168     (kanji.grfour.non)
169     (kanji.grone.correct);
170   tsu_render;
171 endtsuglyph;
172
173 % shi/ha "tooth"
174 begintsuglyph("uni6B6F";111);
175   kanji.grthree.tooth;
176   tsu_render;
177 endtsuglyph;
178
179 % reki "history"
180 begintsuglyph("uni6B74";116);
181   kanji.grfour.history;
182   tsu_render;
183 endtsuglyph;
184
185 % gatsu "bare bone radical"

```

[see page 598]

[see page 623]

186	begintsuglyph("uni6B79";121);	[see page 675]
187	kanji.leftrad.bare_bone;	
188	tsu_render;	
189	endtsuglyph;	
190		
191	% shi "die"	
192	begintsuglyph("uni6B7B";123);	[see page 2361]
193	kanji.grthree.die;	
194	tsu_render;	
195	endtsuglyph;	
196		
197	% zan/noko "remainder"	
198	begintsuglyph("uni6B8B";139);	[see page 2366]
199	kanji.grfour.remainder;	
200	tsu_render;	
201	endtsuglyph;	
202		
203	% shu/mata "windy again radical"	
204	begintsuglyph("uni6BB3";179);	[see page 719]
205	kanji.radical.windy_again;	
206	tsu_render;	
207	endtsuglyph;	
208		
209	% satsu/koro "kill"	
210	begintsuglyph("uni6BBA";186);	[see page 2364]
211	kanji.grfour.kill;	
212	tsu_render;	
213	endtsuglyph;	
214		
215	% extra: mother radical, stroked version	
216	begintsuglyph("uni6BCB";203);	[see page 700]
217	kanji.radical.mother_stroked;	
218	tsu_render;	
219	endtsuglyph;	
220		



```

221 % further variation
222 begintsuglyph("uni6BCC",204);
223   kanji.radical.mother_stroked;
224   replace_strokep(-3)(subpath (0,xpart (oldp intersectiontimes
225     ((500,0)-(1000,0)))) of oldp);
226   replace_strokeq(-3)(subpath (0,length get_strokep(-3)) of oldq);
227   replace_strokep(-1)((183,100)-(655,100));
228   set_boserif(-1,whatever);
229   tsu_render;
230 endtsuglyph;
231
232 % bo/haha "mother"
233 begintsuglyph("uni6BCD",205);
234   kanji.grtwo.mother;
235   tsu_render;
236 endtsuglyph;
237
238 % mai/goto "every"
239 begintsuglyph("uni6BCE",206);
240   kanji.grtwo.every;
241   tsu_render;

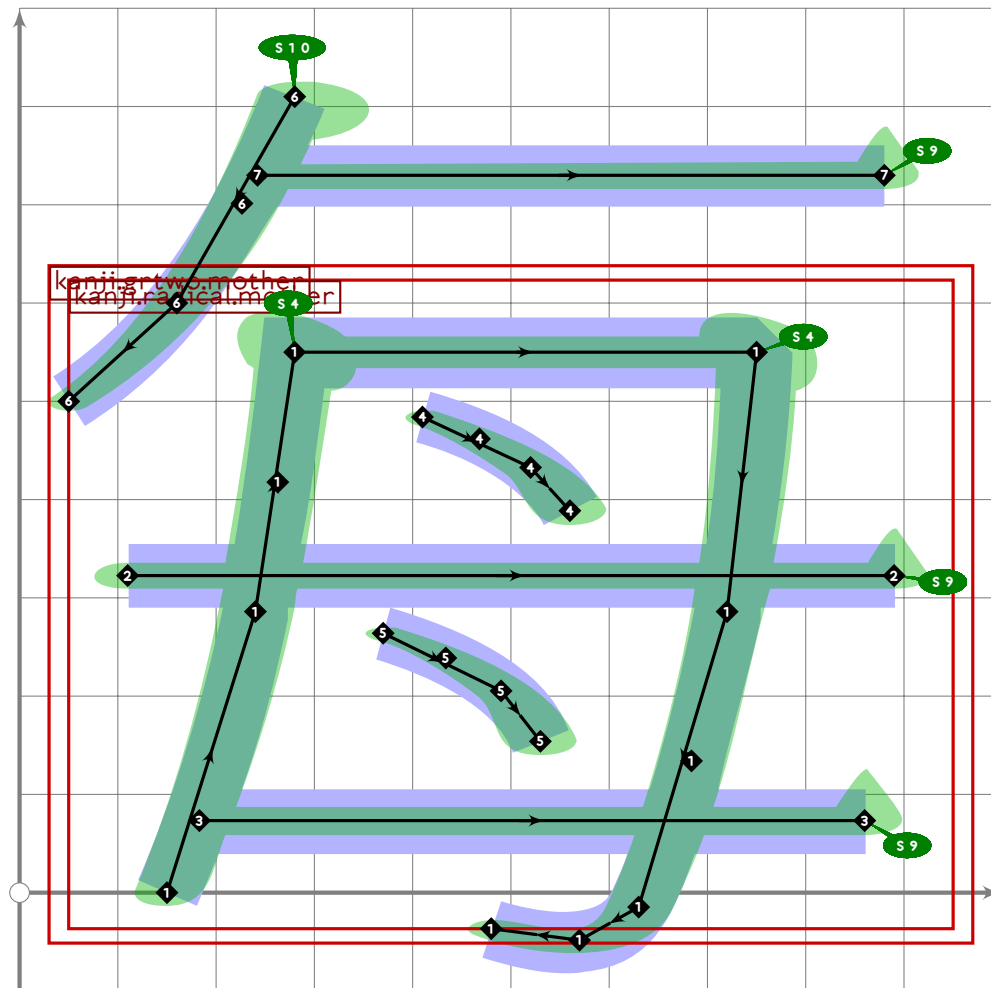
```

[see page 527]

[see page 499]

242 endtsuglyph;

243



244 % extra, closely related to previous

245 begintsuglyph("uni6BCF";207);

246 tsu_xform(identity yscaled (550/750))

247 (kanji.grtwo.mother);

248 push_stroke((280,810)..tension 1.2..(160,600)..(50,500),

249 (1.7,1.7)-(1.5,1.5)-(1.2,1.2));

250 set_boserif(0,0,10);

251 set_bosize(0,90);

252 push_stroke((get_strokep(0) intersectionpoint ((0,730)-(1000,730)))-

253 (880,730),

254 (1.5,1.5)-(1.6,1.6));

255 set_boserif(0,1,9);

256 set_bosize(0,90);

257 tsu_render;

258 endtsuglyph;

259

260 % doku "poison"

261 begintsuglyph("uni6BD2";210);

262 kanji.grfour.poison;

[see page 2365]

```
263   tsu_render;
264 endtsuglyph;
265
266 % hi/kura "compare"
267 begintsuglyph("uni6BD4";212); [see page 638]
268   kanji.grfive.compare;
269   tsu_render;
270 endtsuglyph;
271
272 % mou/ke "hair"
273 begintsuglyph("uni6BDB";219); [see page 509]
274   kanji.grtwo.hair;
275   tsu_render;
276 endtsuglyph;
277
278 _____
279
280 endfont;
281
282 _____
```

tsuku-6c.mp

```
1 %
2 % Unicode page 6C (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 toprad.mp;
```

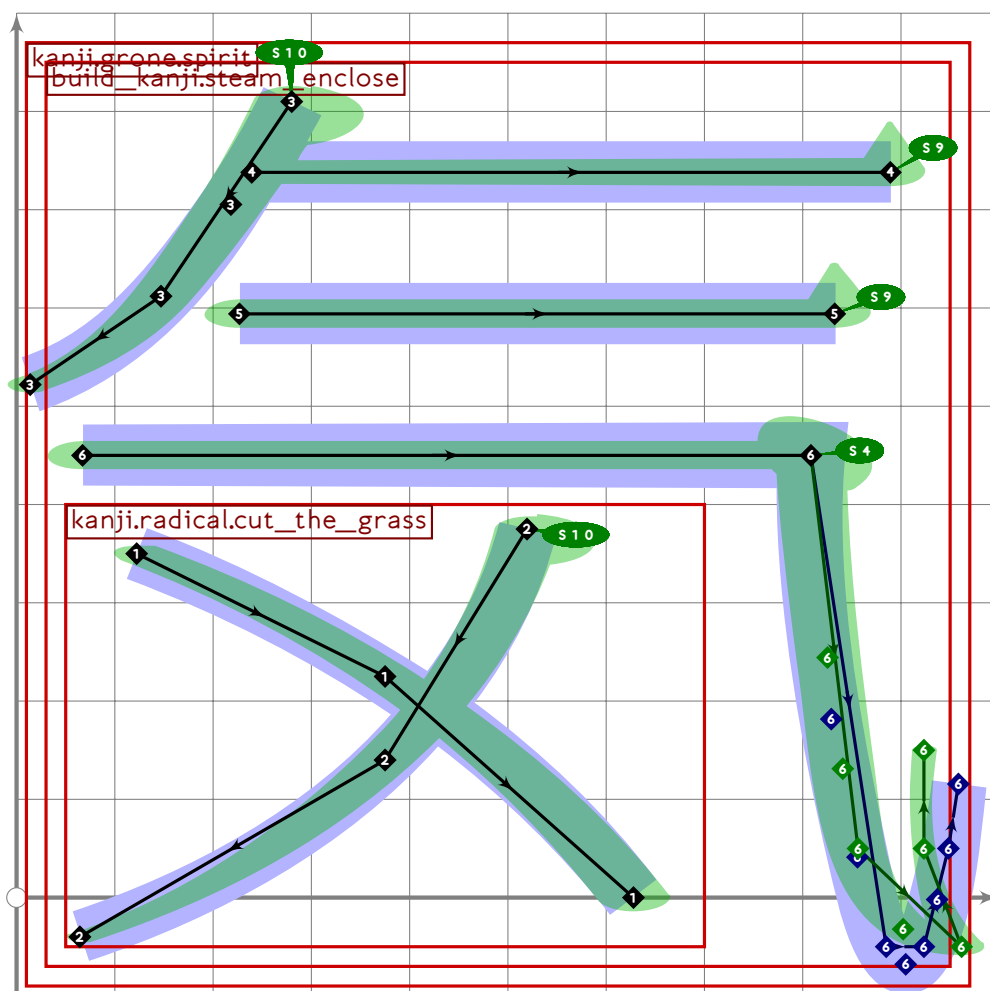
```
51
```

```
52 do_late_includes;
```

```
53
```

```
54
```

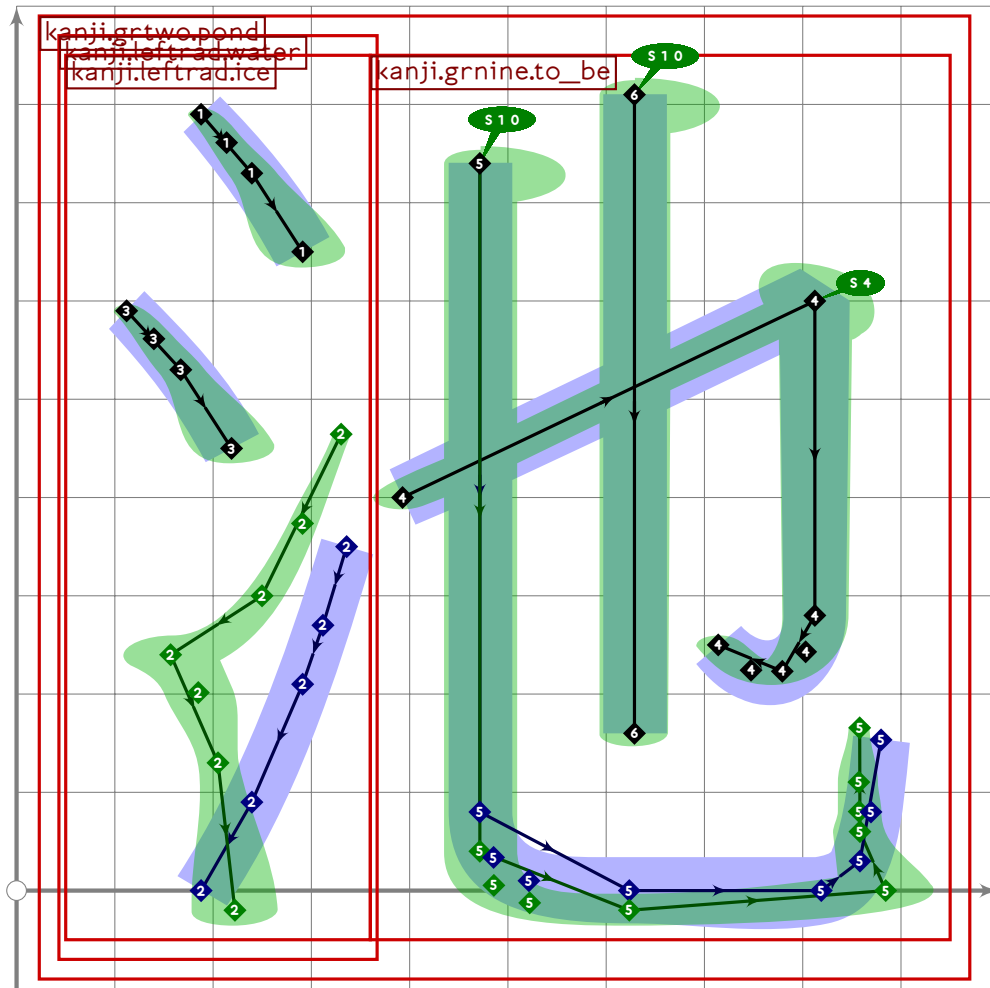
6C



```

55
56 vardef kanji.grone.spirit =
57   push_pbox_toexpand("kanji.grone.spirit");
58   build_kanji.steam_enclose((700,400))
59   (kanji.radical.cut_the_grass);
60   expand_pbox;
61 enddef;
62
63

```

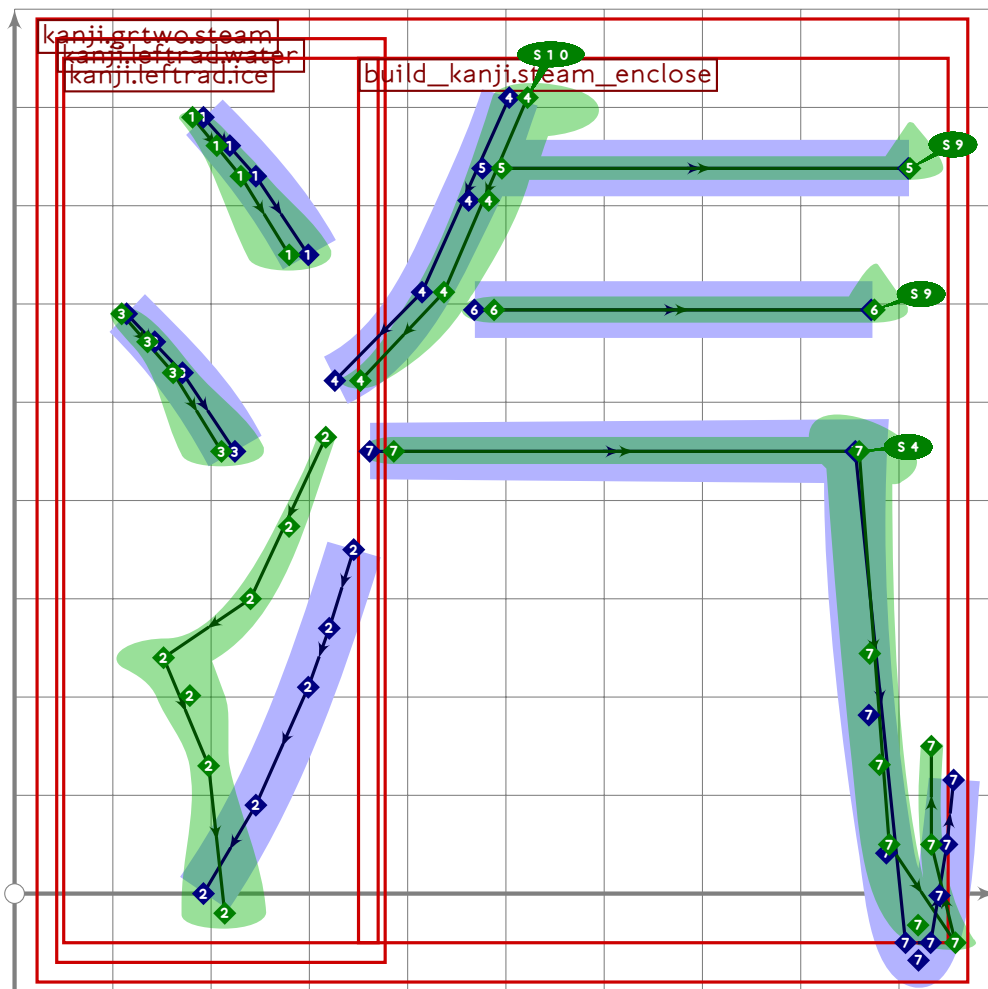
6C

```

64
65 vardef kanji.grtwo.pond =
66   push_pbox_toexpand("kanji.grtwo.pond");
67   build_kanji.lr(360,0)
68     (kanji.leftrad.water)
69     (kanji.grnine.to_be);
70   expand_pbox;
71 enddef;

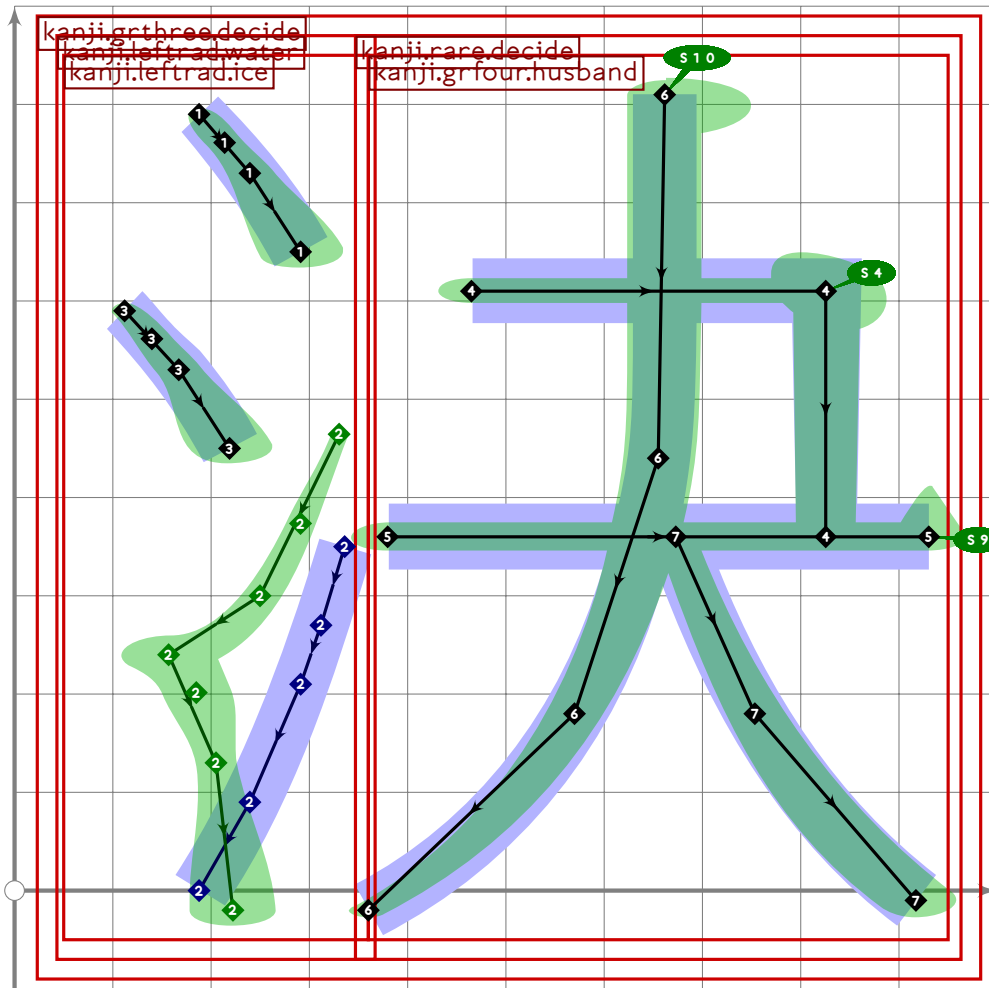
```

U+6C7D
tsuku.uni6C7D



6C

```
72
73 vardef kanji.grtwo.steam =
74   push_pbox_toexpand("kanji.grtwo.steam");
75   build_kanji.lr(360,20-50*mincho)
76     (kanji.leftrad.water)
77     (build_kanji.steam_enclose((700,400))());
78   expand_pbox;
79 enddef;
80
81
```

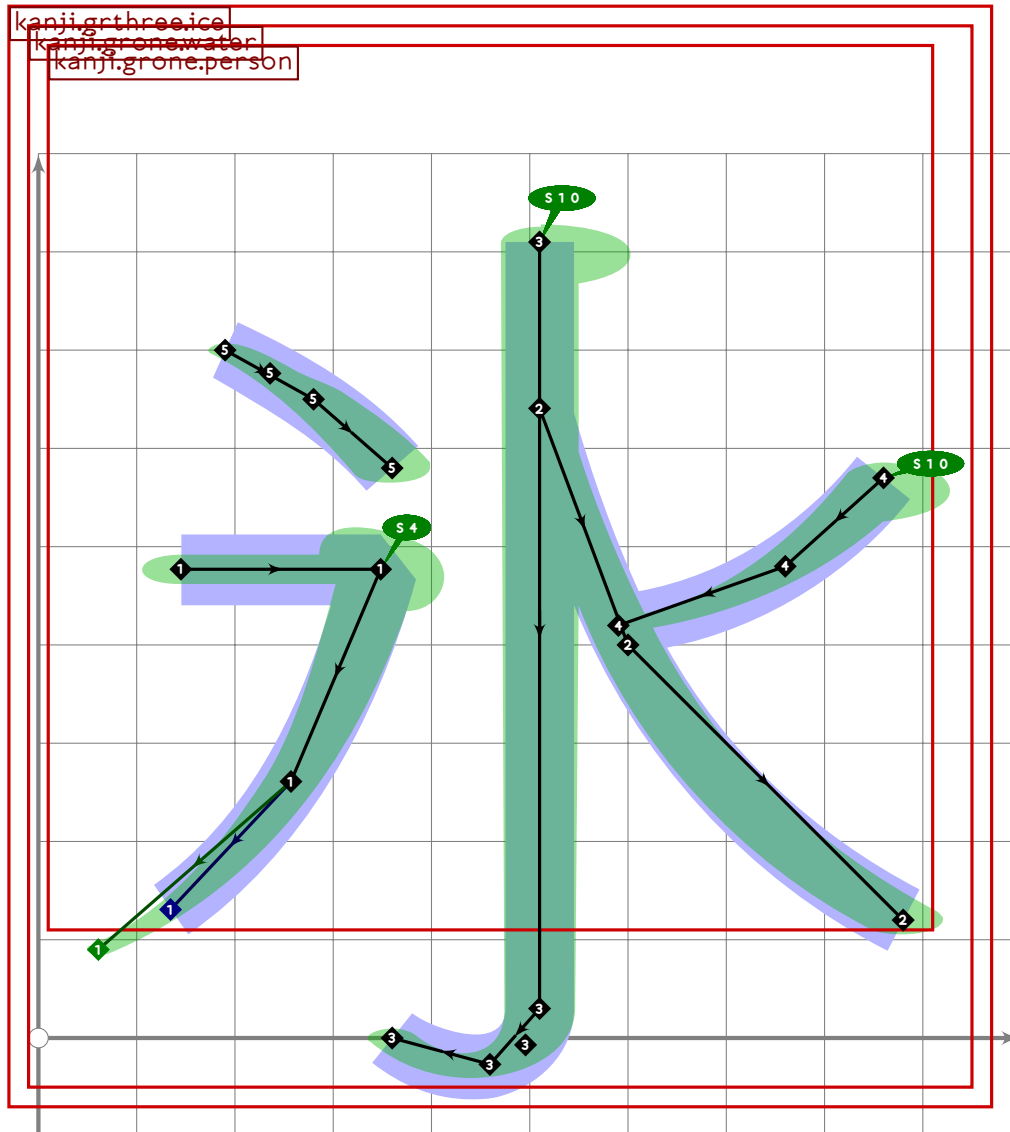


6C

```

82
83 vardef kanji.grthree.decide =
84   push_pbox_toexpand("kanji.grthree.decide");
85   build_kanji.lr(360,0)
86     (kanji.leftrad.water)
87     (kanji.rare.decide);
88   expand_pbox;
89 enddef;

```

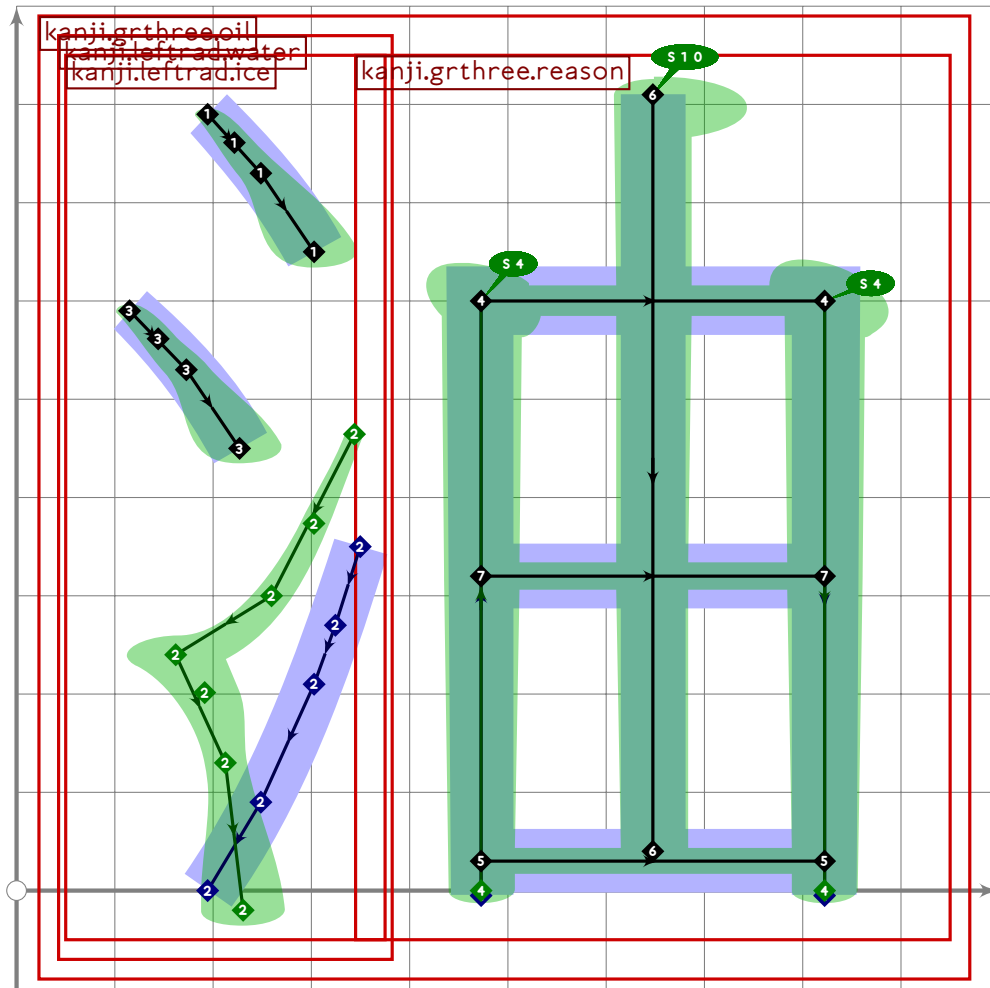


6C

```

90
91 vardef kanji.grthree.ice =
92   push_pbox_toexpand("kanji.grthree.ice");
93   kanji.grnewwater;
94   replace_stroke(-3)(oldp yscaled 0.9);
95   push_stroke((190,700)..tension 1.2..(280,650)..(360,580),
96     (1,1)-(14,14)-(1.6,1.6));
97   expand_pbox;
98 enddef;

```

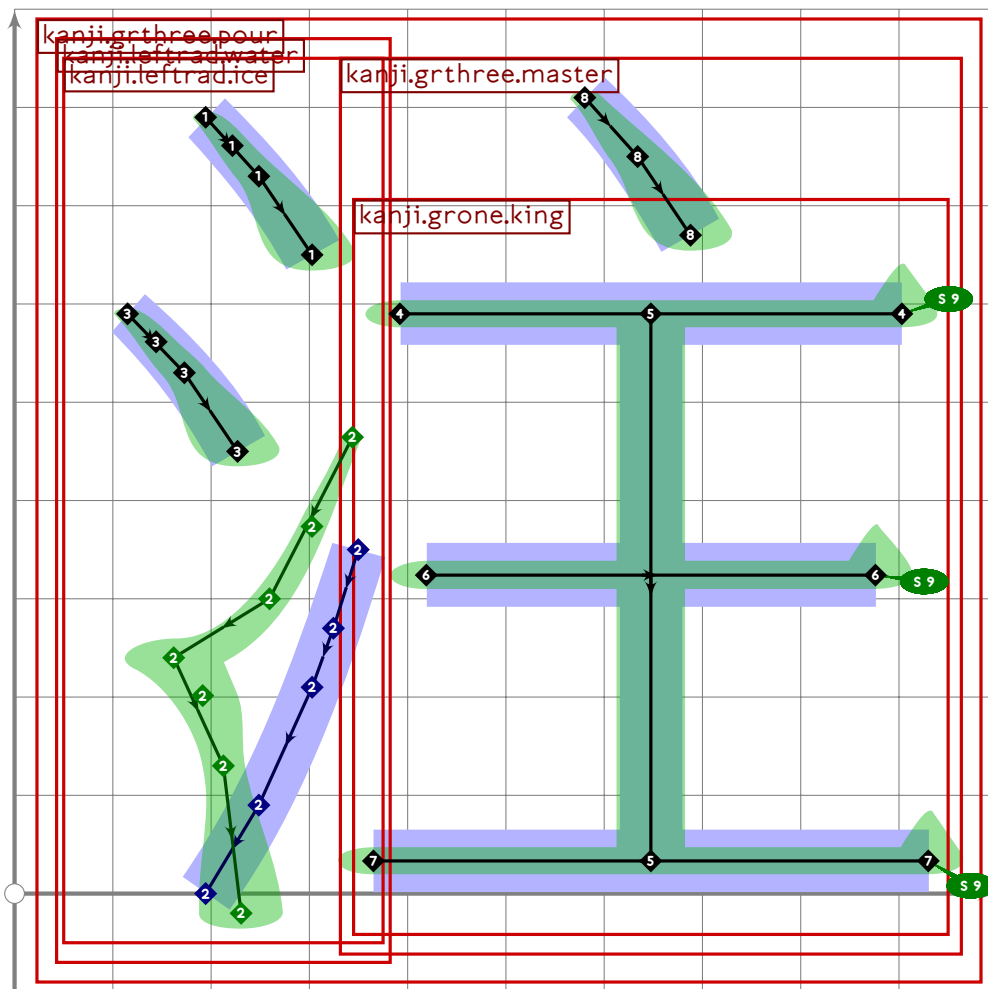


```

99
100 vardef kanji.grthree.oil =
101   push_pbox_toexpand("kanji.grthree.oil");
102   build_kanji.lr(360,30)
103     (kanji.leftrad.water)
104     (kanji.grthree.reason);
105   expand_pbox;
106 enddef;

```

U+6CE8
tsuku.uni6CE8

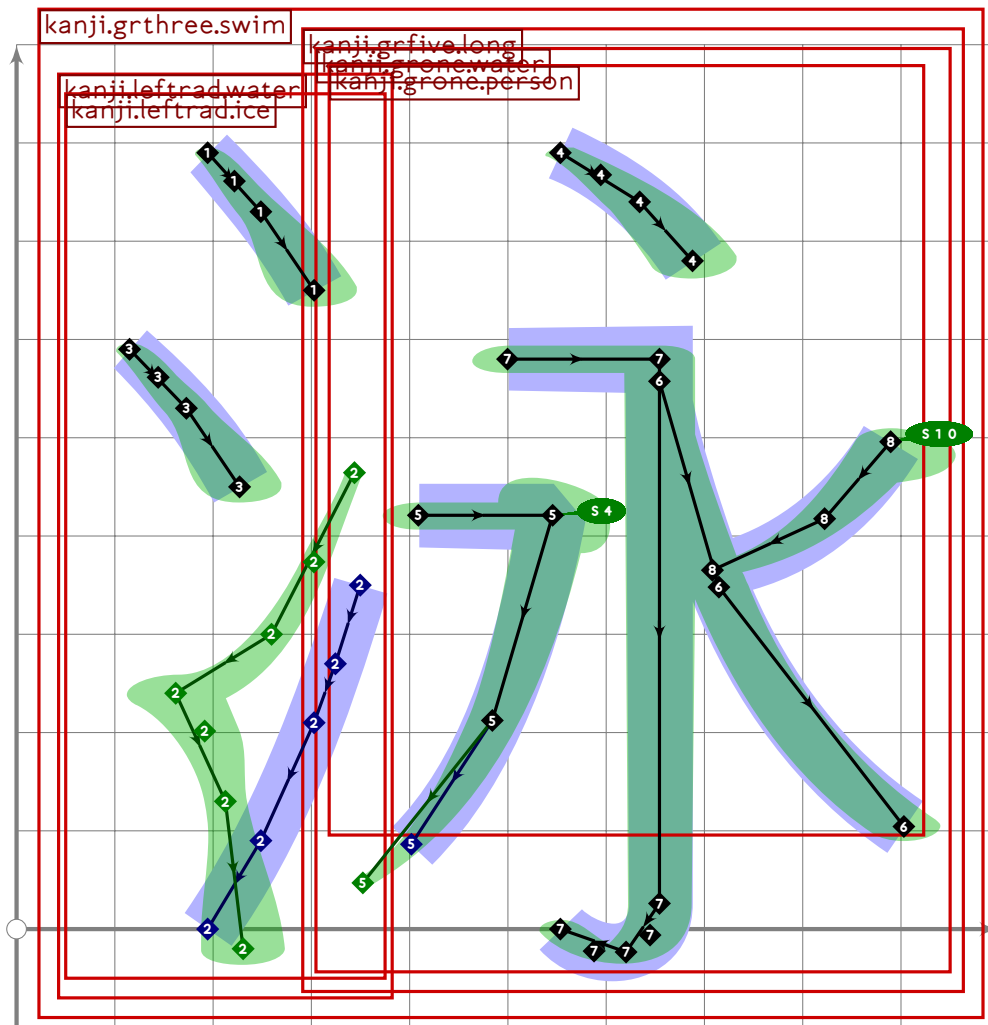


6C

```

107
108 vardef kanji.grthree.pour =
109   push_pbox_toexpand("kanji.grthree.pour");
110   build_kanji.lr(360,30)
111     (kanji.leftrad.water)
112     (kanji.grthree.master);
113   expand_pbox;
114 enddef;

```

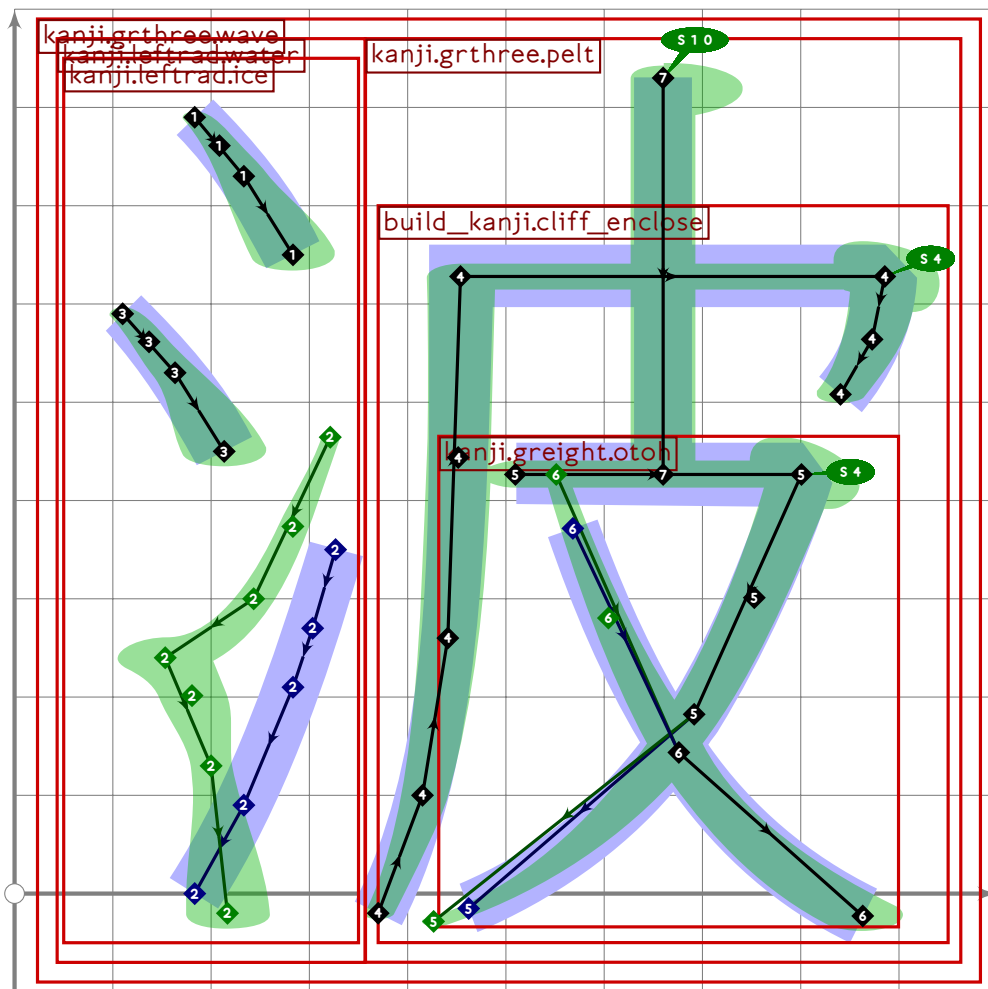


```

115
116 vardef kanji.grthree.swim =
117   push_pbox_toexpand("kanji.grthree.swim");
118   build_kanji.lr(360,30)
119     (kanji.leftrad.water)
120     (kanji.grfive.long);
121   expand_pbox;
122 enddef;

```

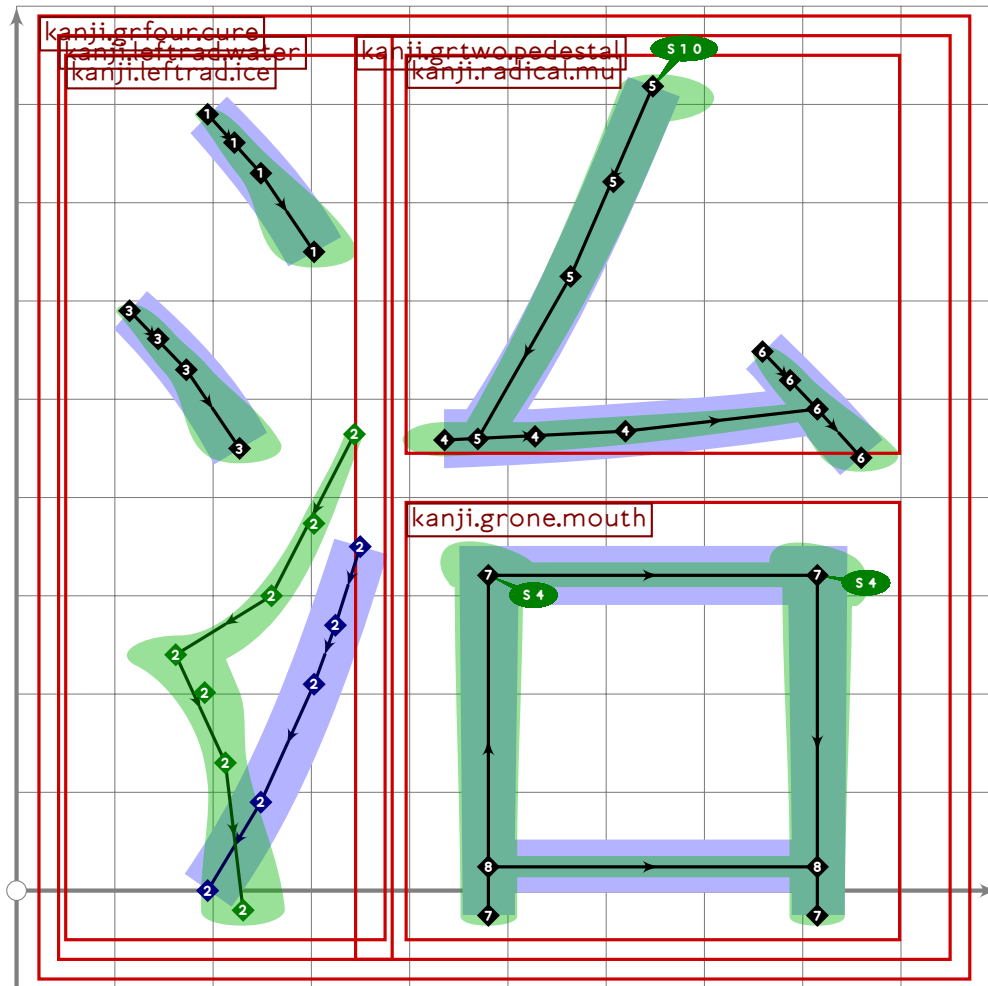
U+6CE2
tsuku.uni6CE2



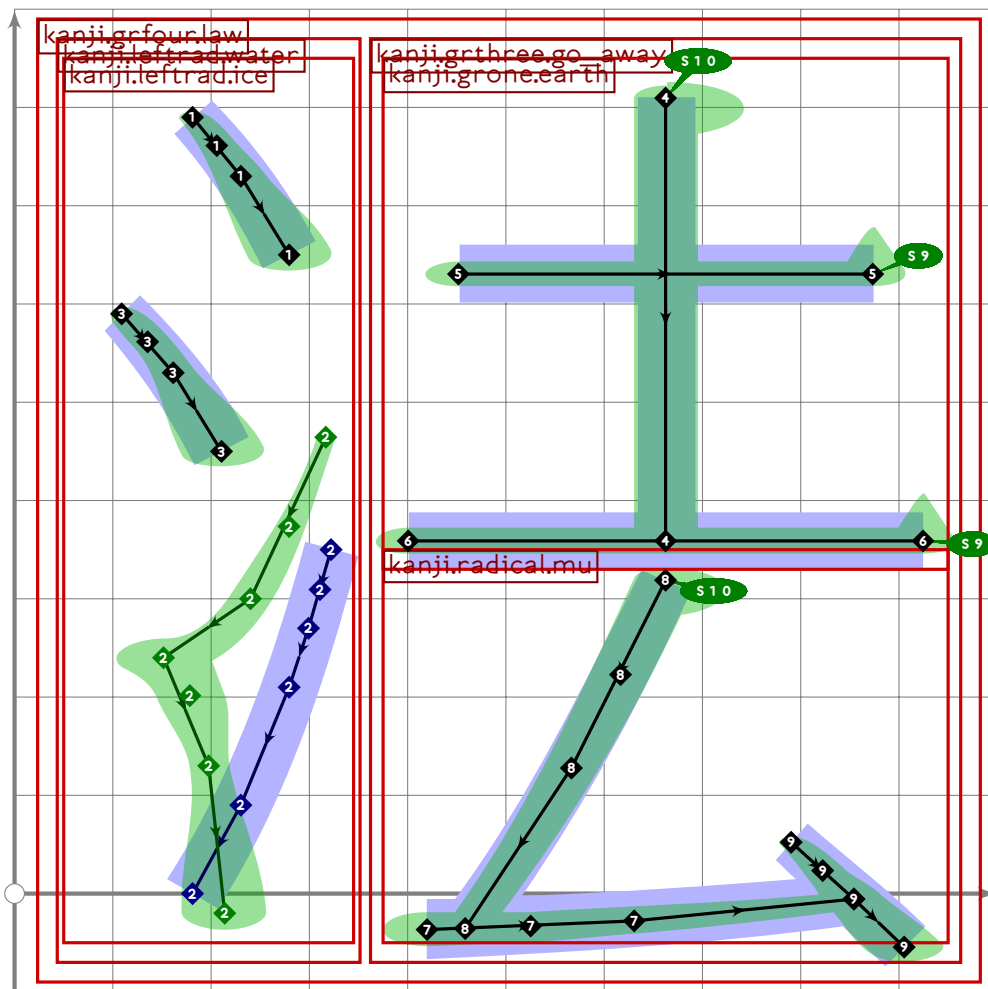
6C

```

123
124 vardef kanji.grthree.wave =
125   push_pbox_toexpand("kanji.grthree.wave");
126   build_kanji.lr(360,-20)
127     (kanji.leftrad.water)
128     (tsu_xform(identity shifted (0,20))(kanji.grthree.pelt));
129   expand_pbox;
130 enddef;
131
132
```

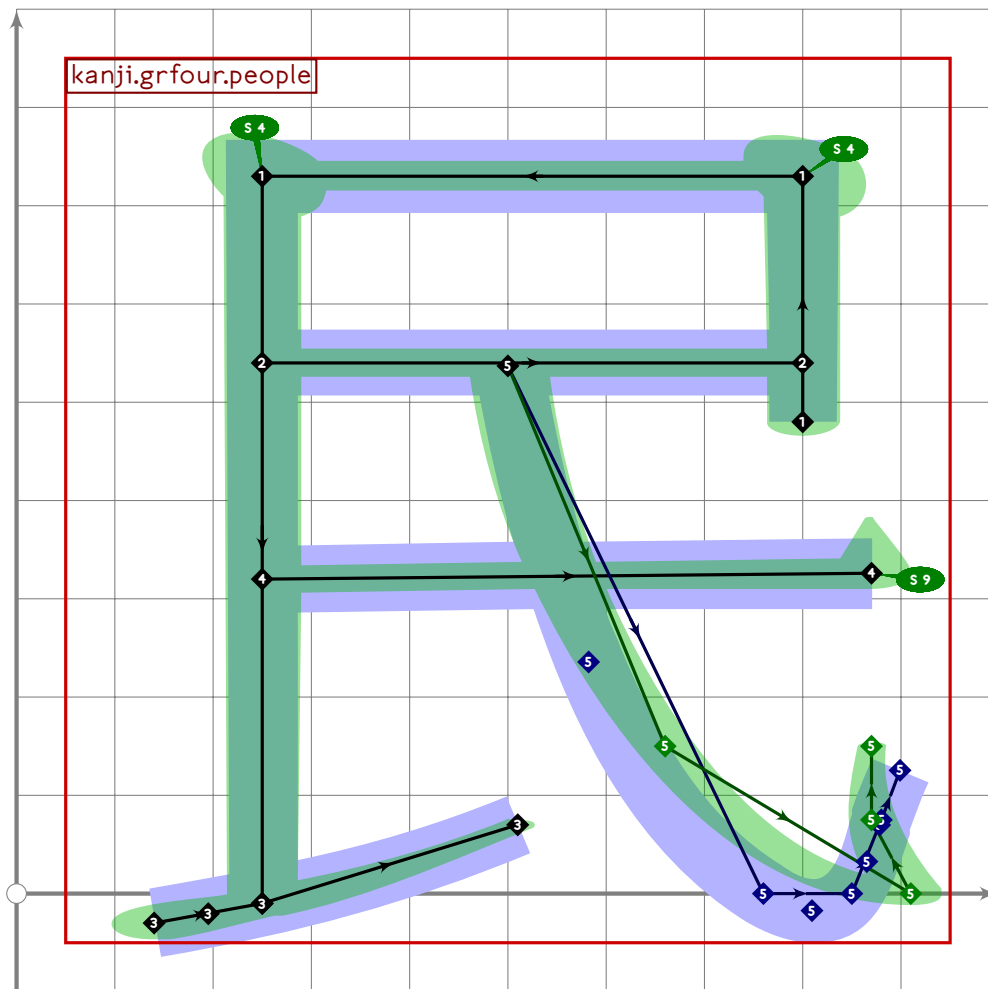
2383



```

141
142 vardef kanji.grfour.law =
143   push_pbox_toexpand("kanji.grfour.law");
144   build_kanji.lr(360,-30)
145     (kanji.leftrad.water)
146     (kanji.grthree.go_away);
147   expand_pbox;
148 enddef;

```

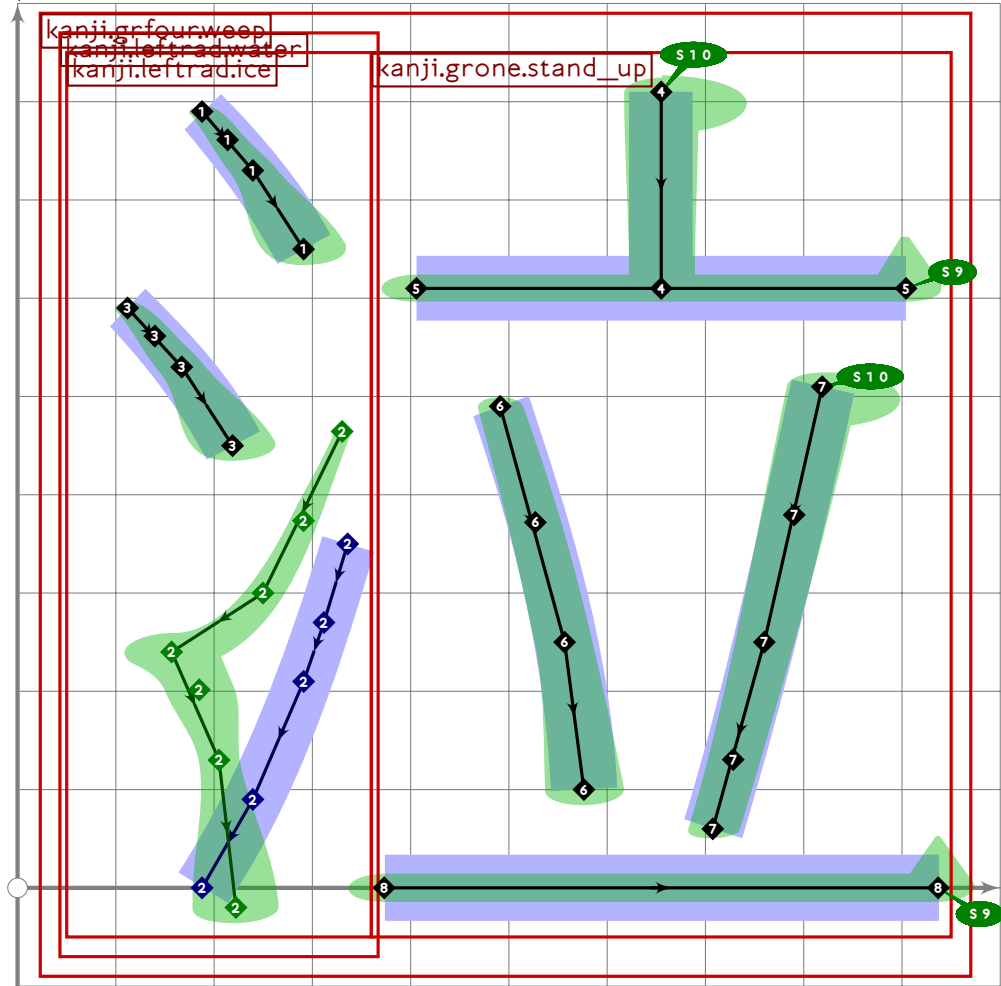


```

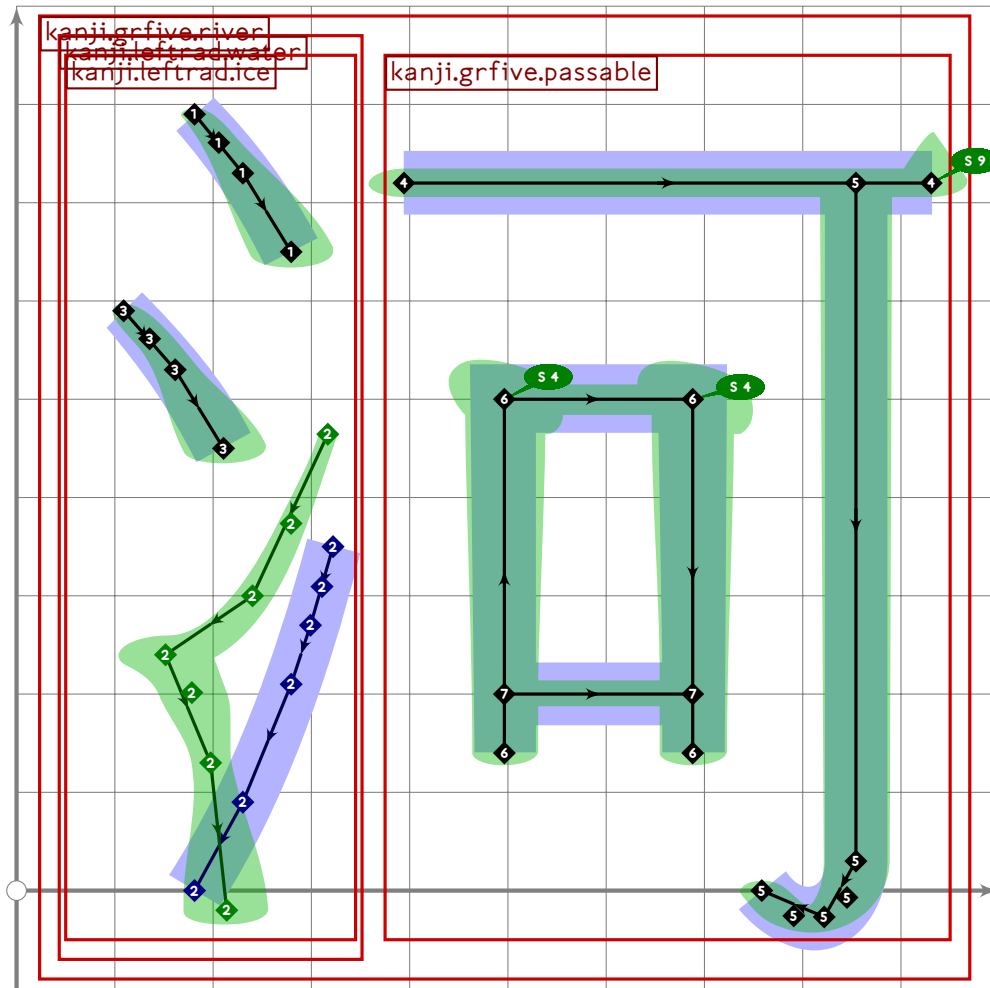
149
150 vardef kanji.grfour.people =
151   push_pbox_toexpand("kanji.grfour.people");
152   push_stroke((800,480)–(800,730)–(250,730)–(250,10),
153     (1.5,1.5)–(1.6,1.6)–(1.6,1.6)–(1.5,1.5));
154   set_botip(0,1,1);
155   set_botip(0,2,1);
156   set_boserif(0,1,4);
157   set_boserif(0,2,4);
158   push_stroke((250,540)–(800,540),
159     (1.5,1.5)–(1.5,1.5));
160   push_stroke((140,30)..tension 1.2..(250,10)..(510,70),
161     (1.7,1.7)–(1.5,1.5)–(1,1));
162   push_stroke((250,320)–(870,326),(1.5,1.5)–(1.6,1.6));
163   set_boserif(0,1,9);
164   push_stroke(interpath(mincho,
165     (500,537){dir 280}..tension 1.1..(760,0)..(850,0)..tension 1.5..
166     (880,75)..(910,150),
167     (500,537)..(660,150)..{right}(910,0){curl 1}..
168     (870,75)..(870,150)),
169     (1.6,1.6)–(1.4,1.4)–(1.4,1.4)–(1.2,1.2)–(0.9,0.9));

```

```
170  expand_pbox;  
171 enddef;
```



```
172  
173 vardef kanji.grfour.weep =  
174   push_pbox_toexpand("kanji.grfour.weep");  
175   build_kanji.lr(360,0)  
176     (kanji.leftrad.water)  
177     (kanji.grone.stand_up);  
178   expand_pbox;  
179 enddef;  
180  
181
```

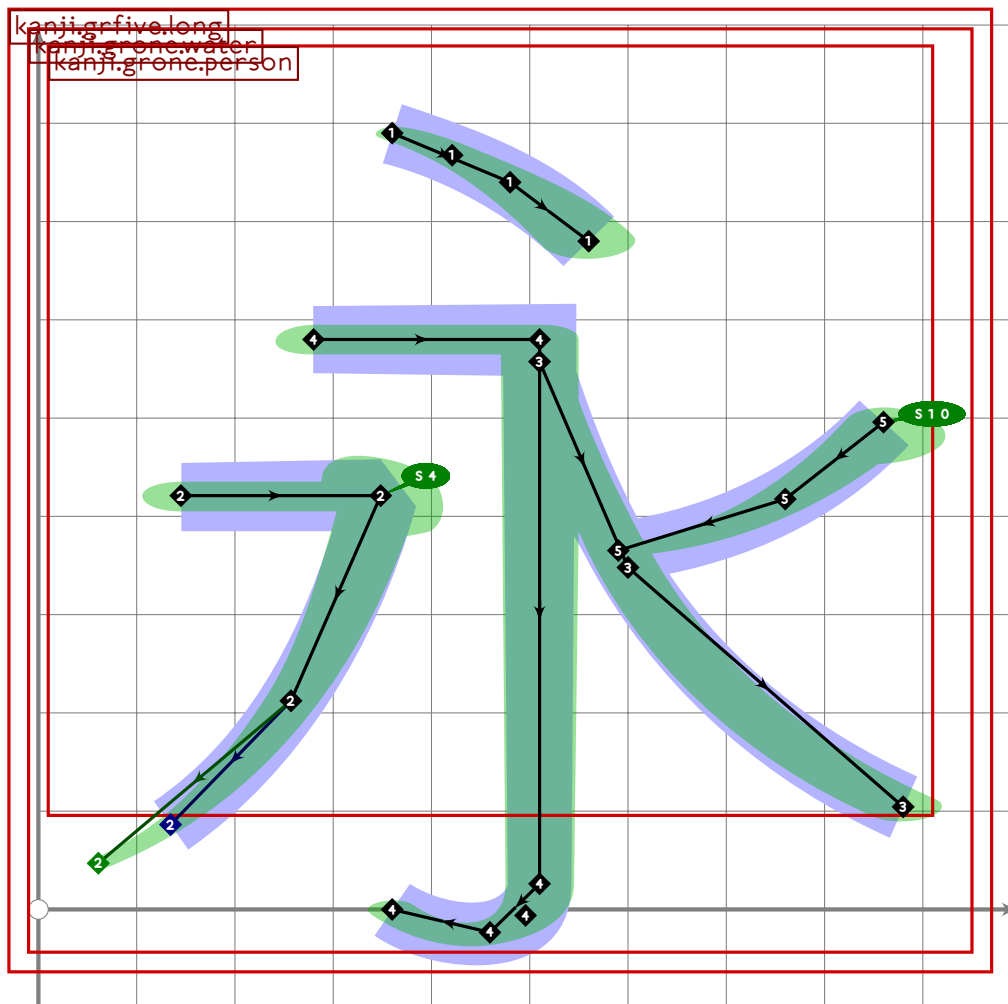


6C

```

182
183 vardef kanji.grfive.river =
184   push_pbox_toexpand("kanji.grfive.river");
185   build_kanji.lr(360,-30)
186     (kanji.leftrad.water)
187     (kanji.grfive.passable);
188   expand_pbox;
189 enddef;

```

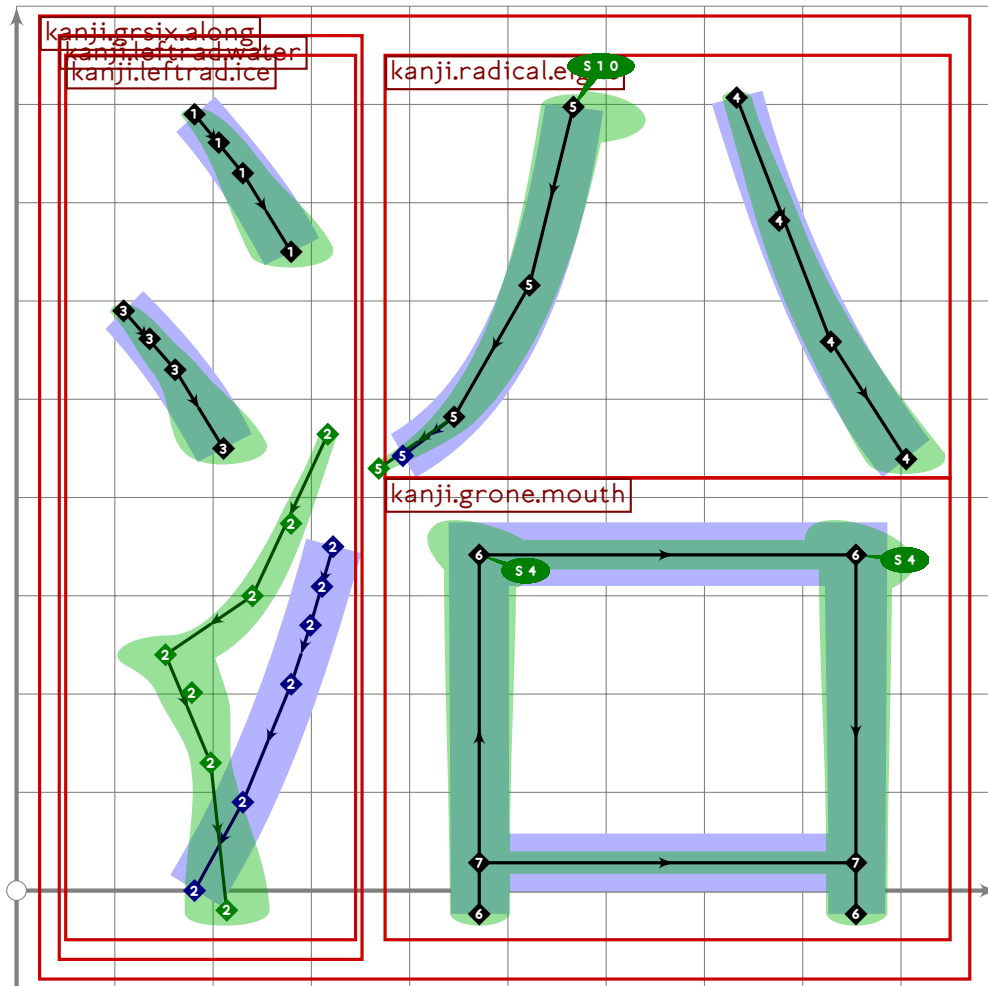


6C

```

190
191 vardef kanji.grfive.long =
192   push_pbox_toexpand("kanji.grfive.long");
193   push_stroke((360,790)..tension 1.2..(480,740)..(560,680),
194     (1,1)–(1.5,1.5)–(1.8,1.8));
195   tsu_xform(identity yscaled 0.87)(kanji.grnew.water);
196   replace_strokep(-3)(oldp shifted (0,-40));
197   replace_strokep(-1)((280,580)–(510,580)–(subpath (1,infinity) of oldp));
198   replace_strokeq(-1)((1.6,1.6)–oldq);
199   set_boserif(-1,0,whatever);
200   set_botip(-1,1,1);
201   expand_pbox;
202 enddef;
203
204

```

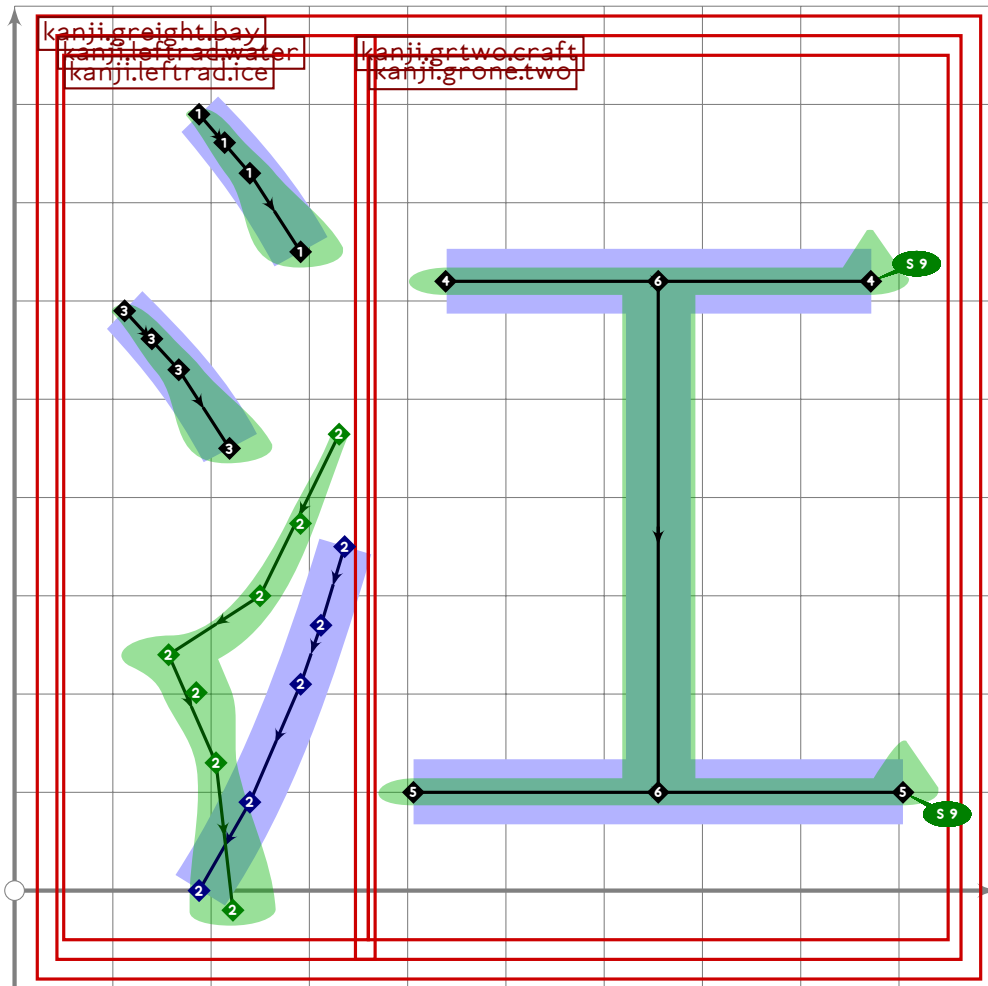


```

205
206 vardef kanji.grsix.along =
207   push_pbox_toexpand("kanji.grsix.along");
208   build_kanji.level(build_kanji.lr(360,-30)
209     (kanji.leftrad.water)
210     (build_kanji.tb(420,0)
211       (kanji.radical.eight)
212       (kanji.grone.mouth)));
213   expand_pbox;
214 enddef;
215
216

```

U+6C5F
tsuku.uni6C5F

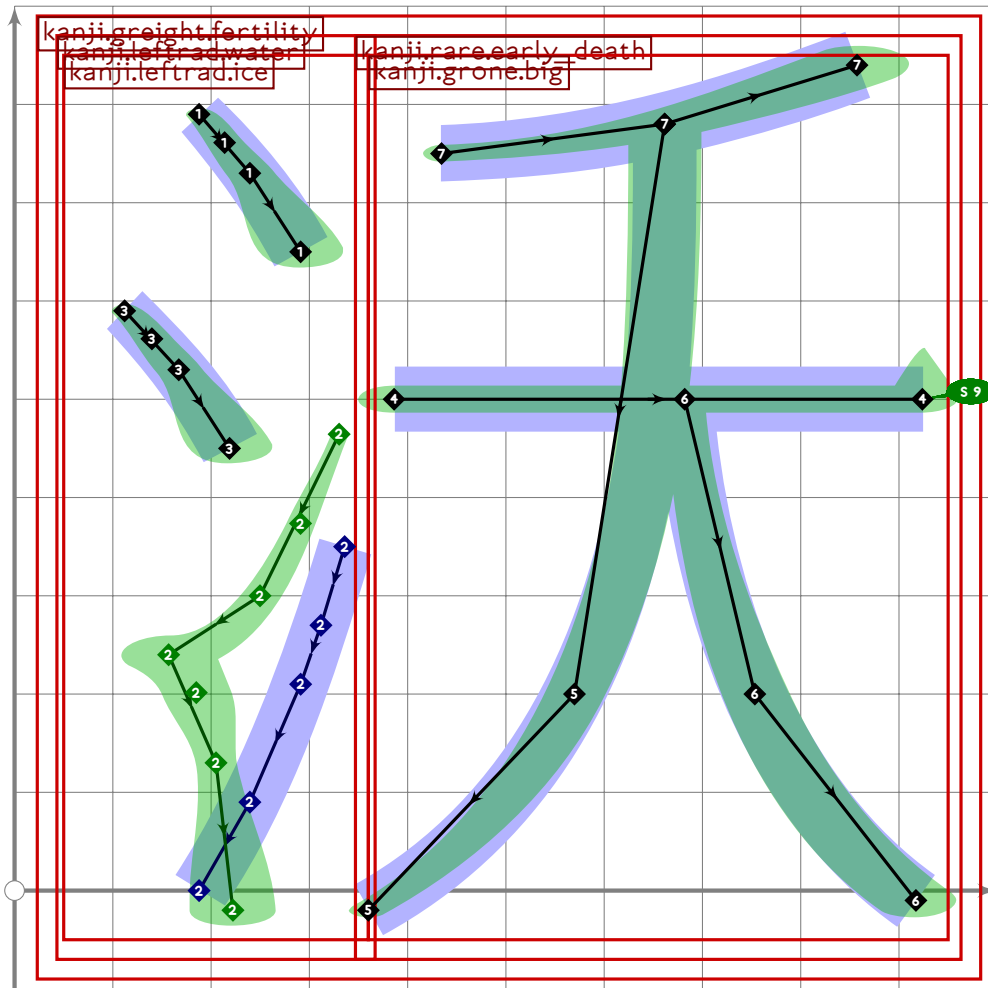


6C

```

217
218 vardef kanji.greight.bay =
219   push_pbox_toexpand("kanji.greight.bay");
220   build_kanji.lr(360,0)
221     (kanji.leftrad.water)
222     (kanji.grtwo.craft);
223   expand_pbox;
224 enddef;

```

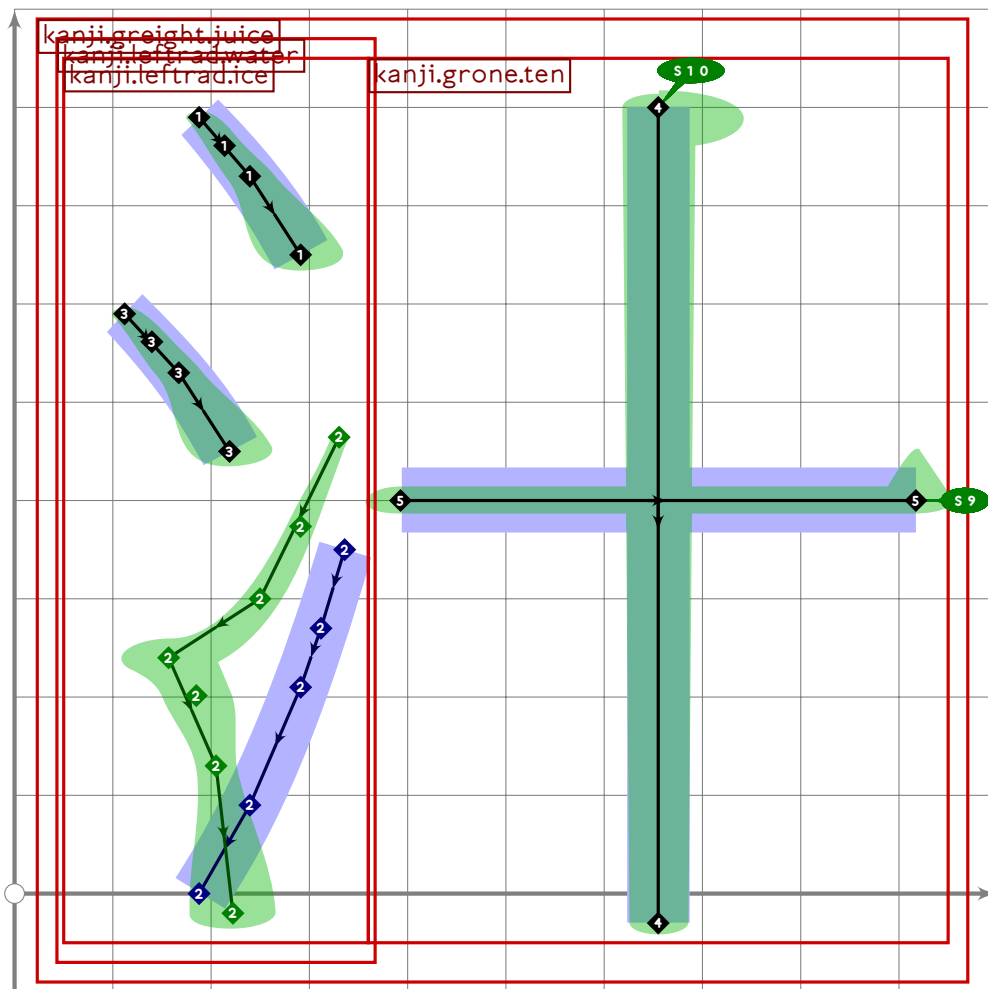



```

225
226 vardef kanji.greight.fertility =
227   push_pbox_toexpand("kanji.greight.fertility");
228   build_kanji.lr(360,0)
229     (kanji.leftrad.water)
230     (kanji.rare.early_death);
231   expand_pbox;
232 enddef;

```

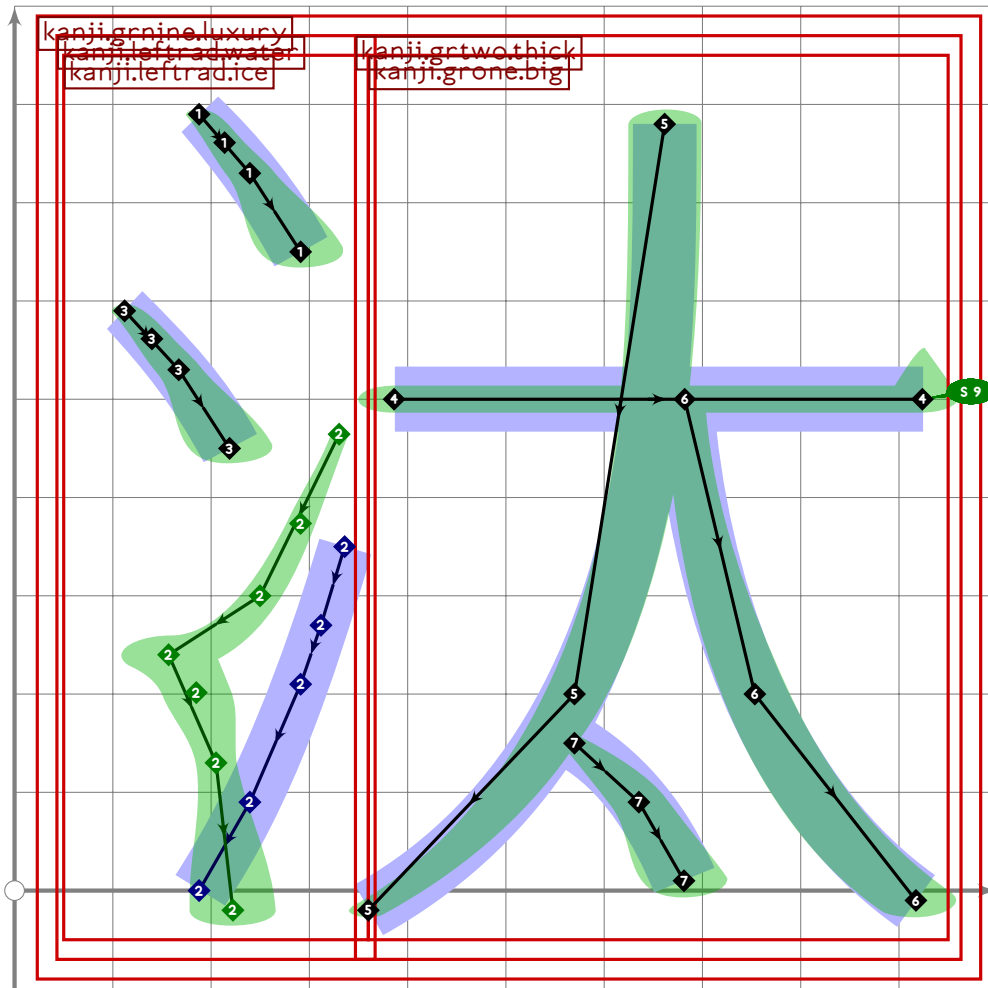
U+6C41
tsuku.uni6C41



6C

```

233
234 vardef kanji.greight.juice =
235   push_pbox_toexpand("kanji.greight.juice");
236   build_kanji.lr(360,0)
237     (kanji.leftrad.water)
238     (kanji.grone.ten);
239   expand_pbox;
240 enddef;
241
242
```

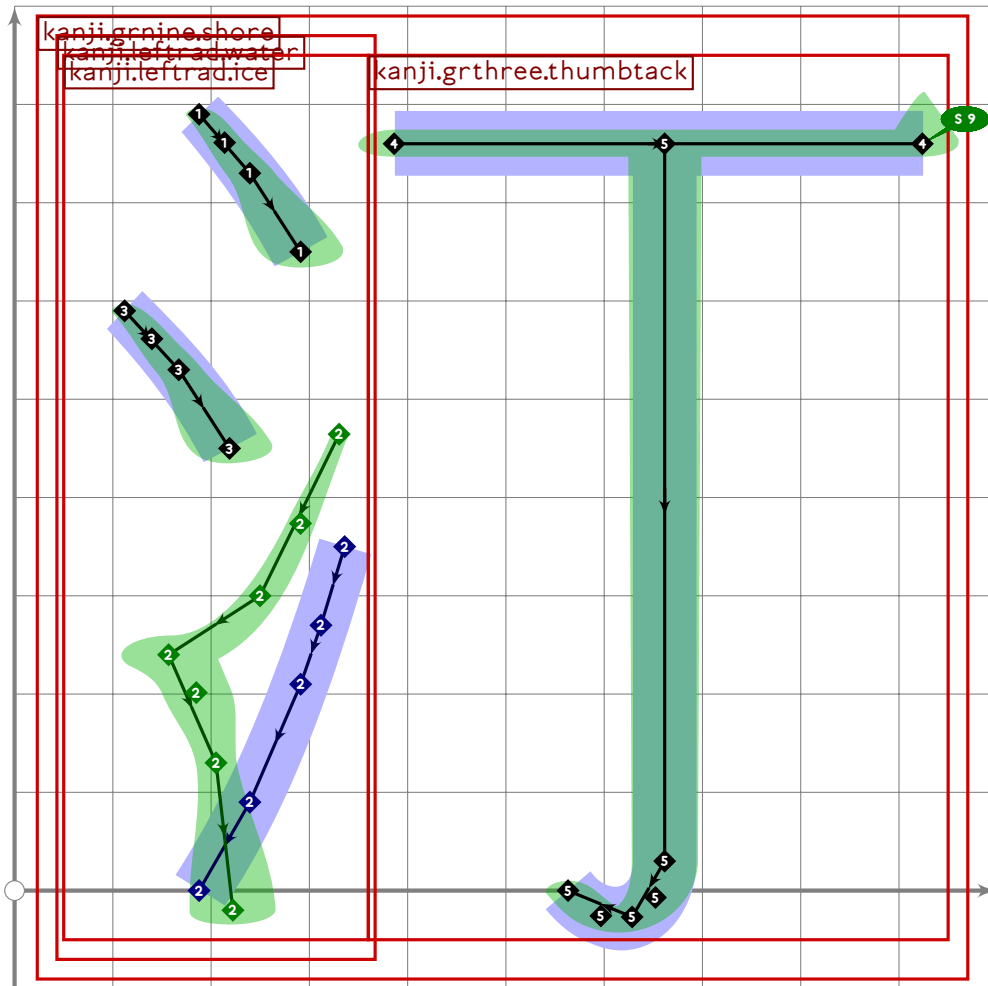


```

243
244 vardef kanji.grnine.luxury =
245   push_pbox_toexpand("kanji.grnine.luxury");
246   build_kanji.lr(360,0)
247     (kanji.leftrad.water)
248     (kanji.grtwo.thick);
249   expand_pbox;
250 enddef;

```

U+6C40
tsuku.uni6C40

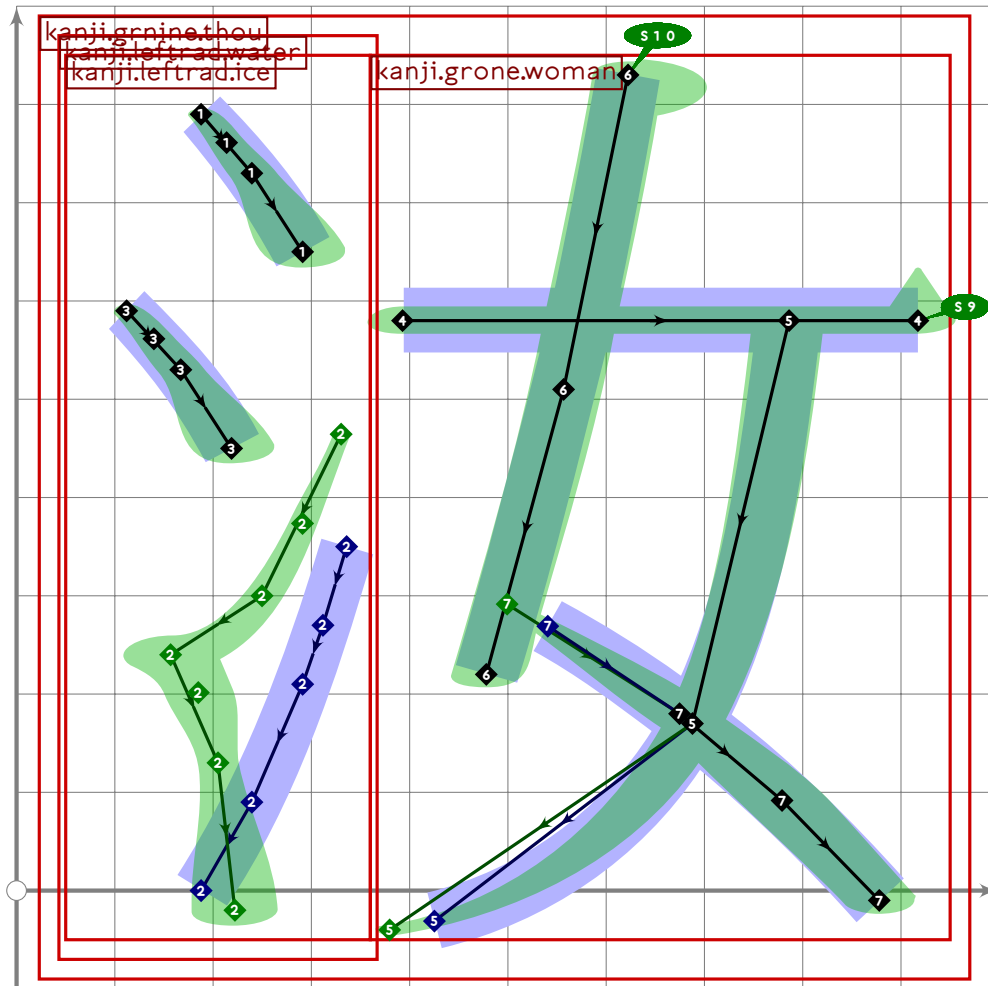


6C

```

251
252 vardef kanji.grnine.shore =
253   push_pbox_toexpand("kanji.grnine.shore");
254   build_kanji.lr(360,0)
255     (kanji.leftrad.water)
256     (kanji.grthree.thumbtack);
257   expand_pbox;
258 enddef;

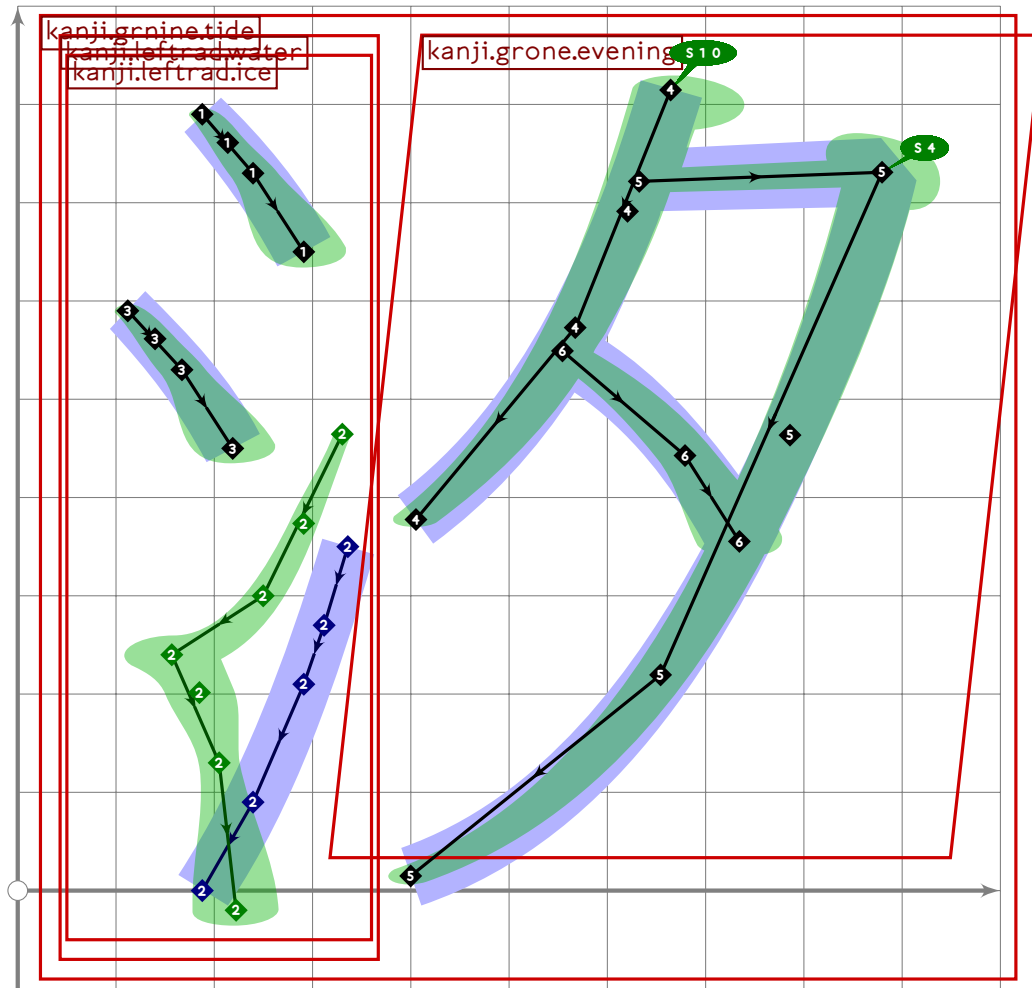
```



```

259
260 vardef kanji.grnine.thou =
261   push_pbox_toexpand("kanji.grnine.thou");
262   build_kanji.lr(360,0)
263     (kanji.leftrad.water)
264     (kanji.grone.woman);
265   expand_pbox;
266 enddef;

```



6C

```

267
268 vardef kanji.grnine.tide =
269   push_pbox_toexpand("kanji.grnine.tide");
270   build_kanji.lr(360,0)
271     (kanji.leftrad.water)
272     (tsu_xform(identity xyscaled (1.07,0.93) slanted 0.17 shifted (-60,80))
273       (kanji.grone.evening));
274   expand_pbox;
275 enddef;

```

276

277

278

279 % shi/uji "clan"

280 begintsuglyph("uni6C0F";15);

[see page 610]

281 kanji.grfour.clan;

282 tsu_render;

283 endtsuglyph;

284

285 % tai/fumoto "name of an ancient tribe"

286 begintsuglyph("uni6C10";16);

[see page 820]

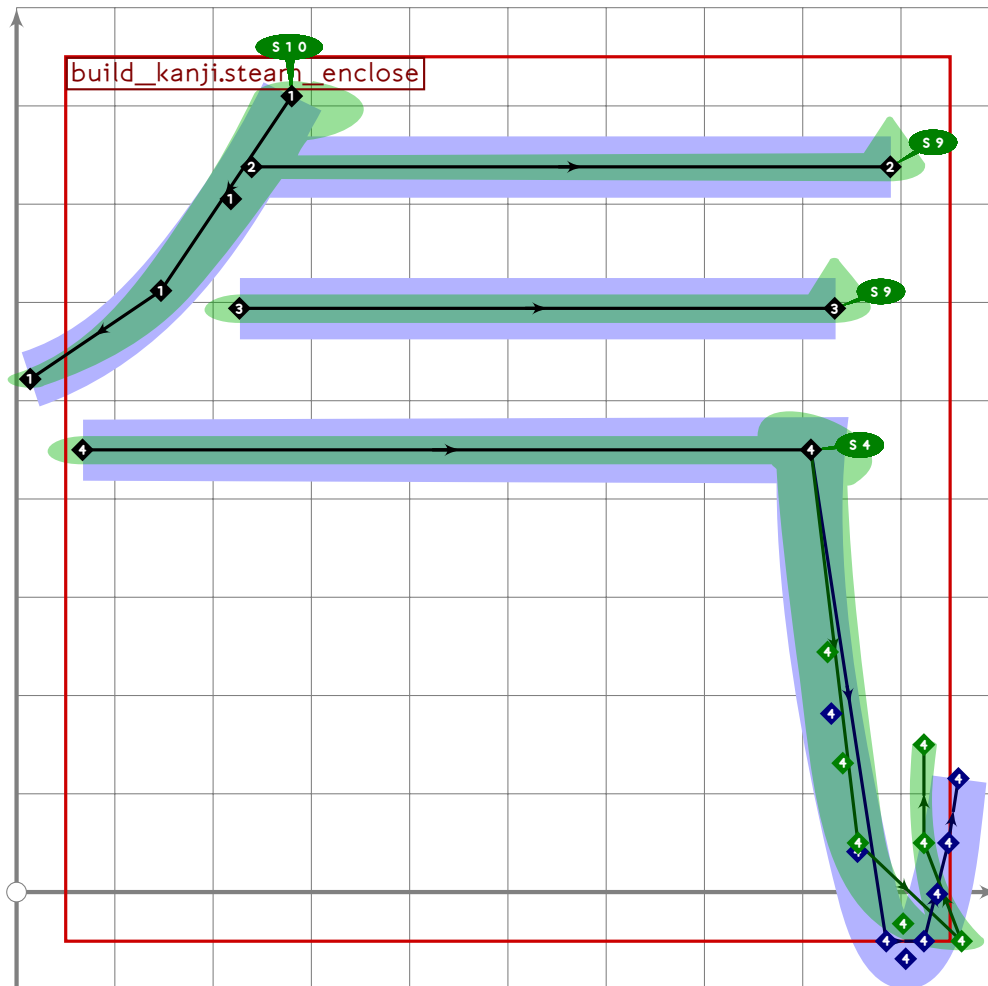
287 kanji.rare.cruithne;

```

288 tsu_render;
289 endtsuglyph;
290
291 % min/tami "people" (but not min as in minna "everybody")
292 begintsuglyph("uni6C11";17);
293   kanji.grfour.people;
294   tsu_render;
295 endtsuglyph;
296

```

[see page 2385]



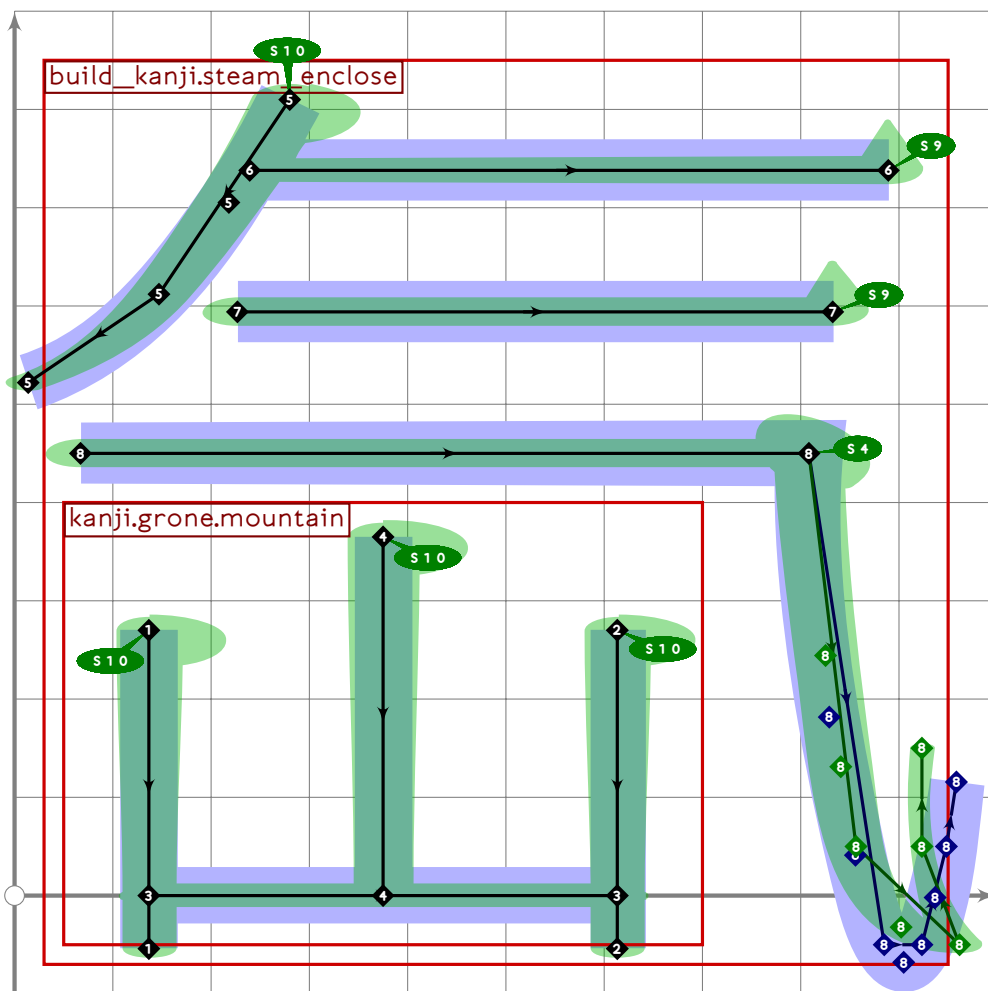
```

297 % sei/tada/machi "correct"
298 begintsuglyph("uni6C14";20);
299   build_kanji.steam_enclose((700,400))();
300   tsu_render;
301 endtsuglyph;
302
303 % ki/iki "spirit"
304 begintsuglyph("uni6C17";23);
305   kanji.grone.spirit;
306   tsu_render;
307 endtsuglyph;
308

```

[see page 2374]

U+6C19
tsuku.uni6C19

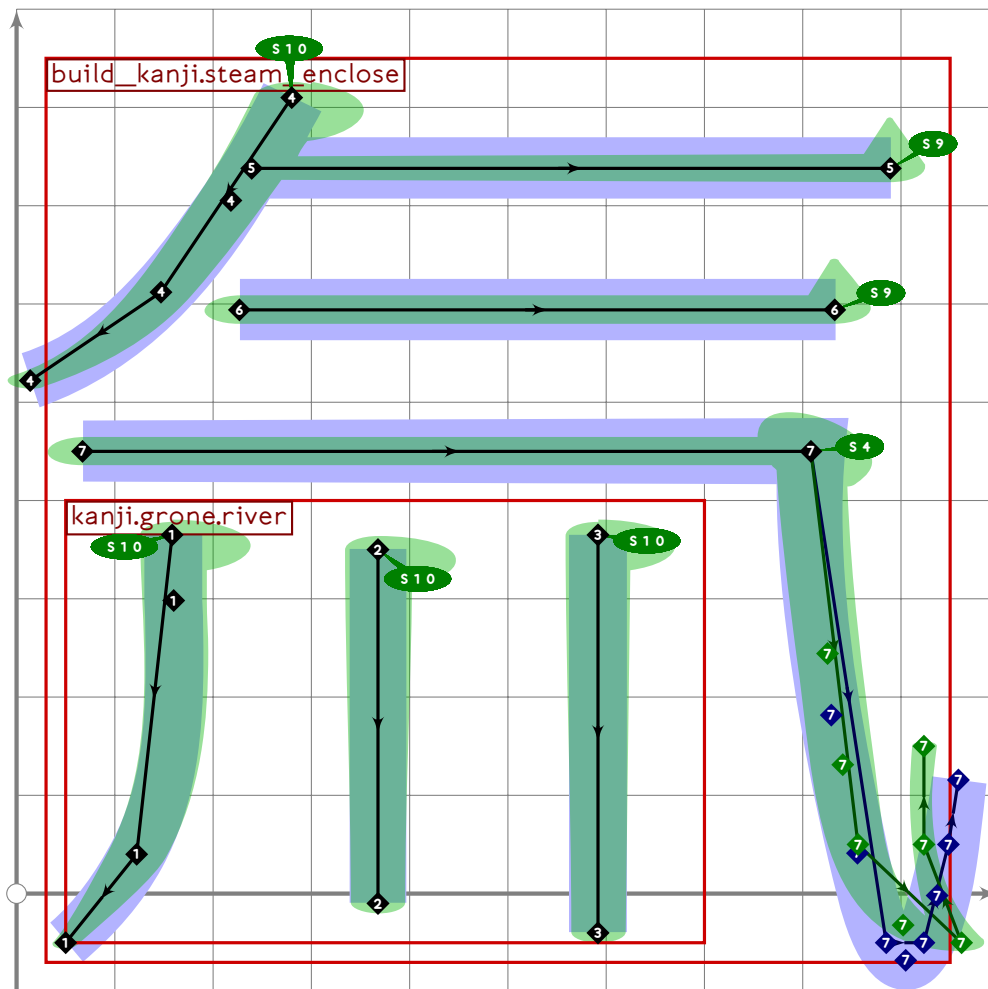


6C

```

309 % extra
310 begintsuglyph("uni6C19";25);
311   build_kanji.steam_enclose((700,400))(kanji.grone.mountain);
312   tsu_render;
313 endsuglyph;
314

```

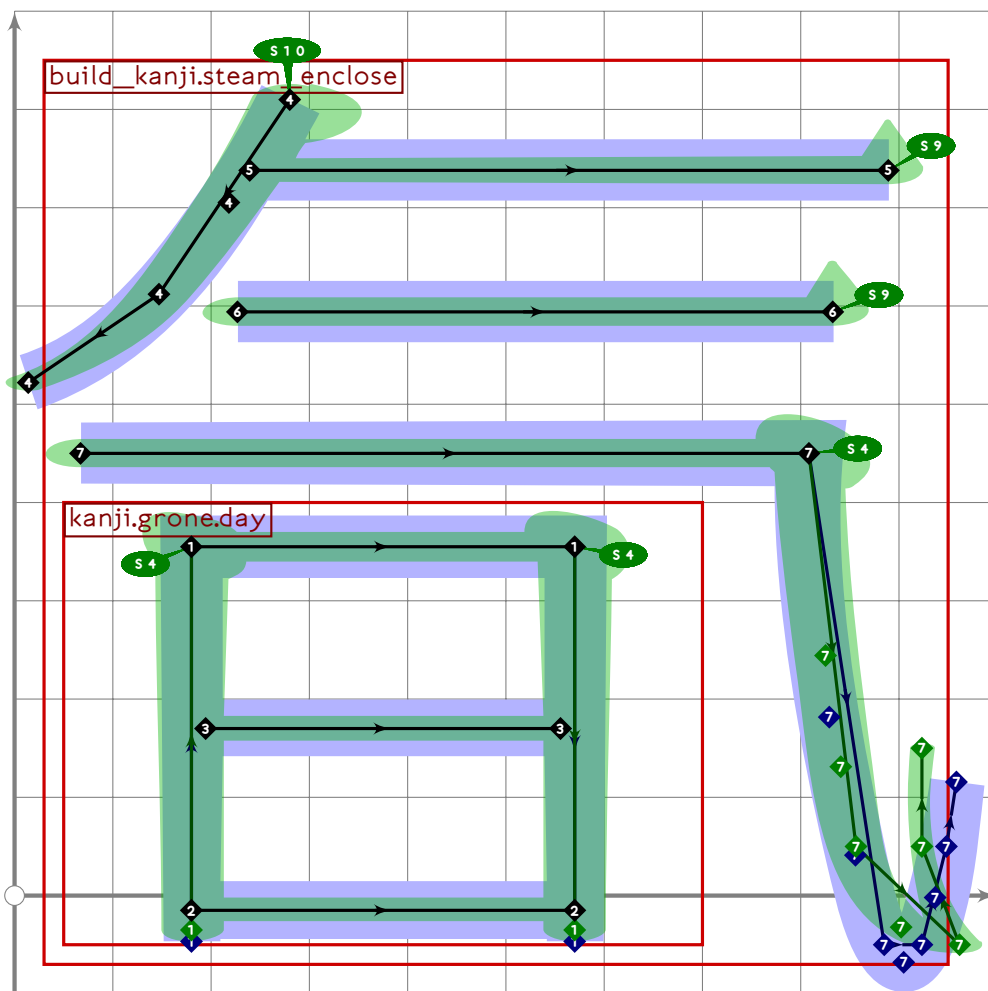



```

315 % extra
316 begintsuglyph("uni6C1A";26);
317   build_kanji.steam_enclose((700,400))(kanji.grone.river);
318   tsu_render;
319 endtsuglyph;
320

```

U+6C1C
tsuku.uni6C1C

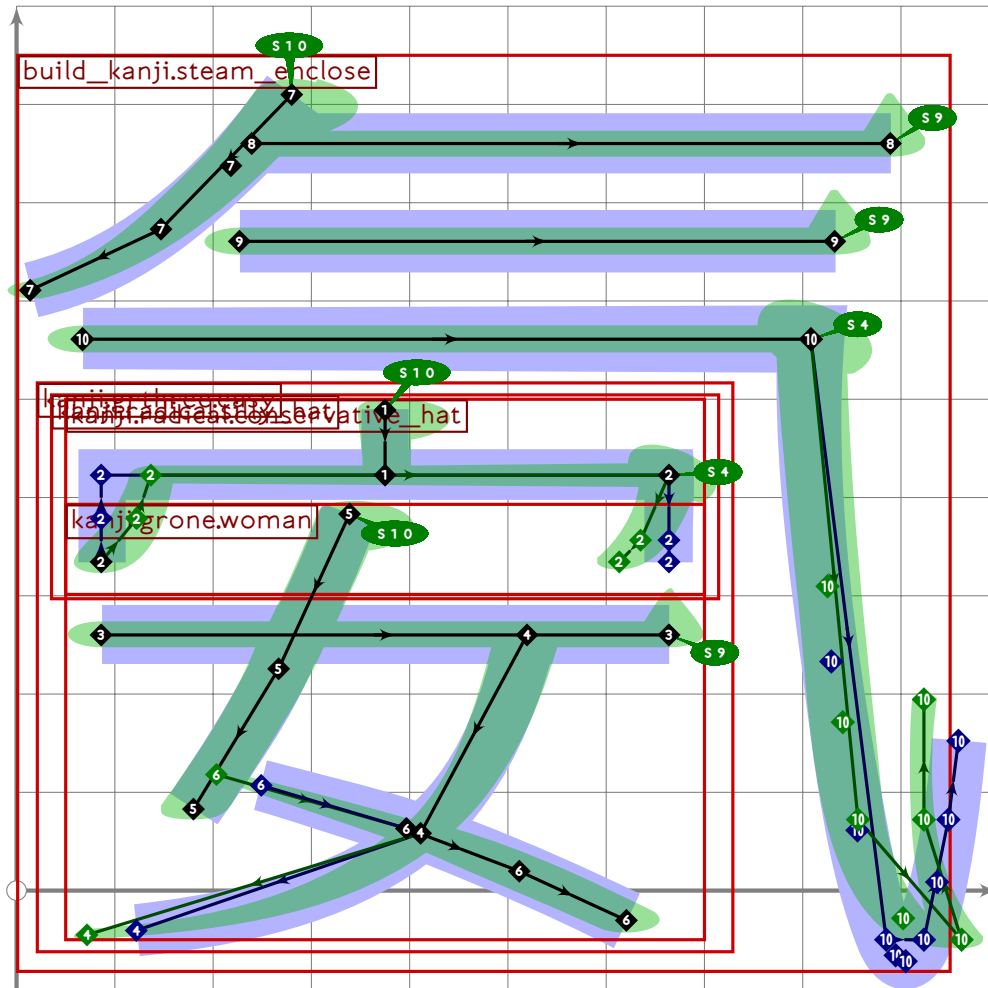


6C

```

321 % extra
322 beginsuglyph("uni6C1C";28);
323   build_kanji.steam_enclose((700,400))(kanji.grone.day);
324   tsu_render;
325 endsuglyph;
326

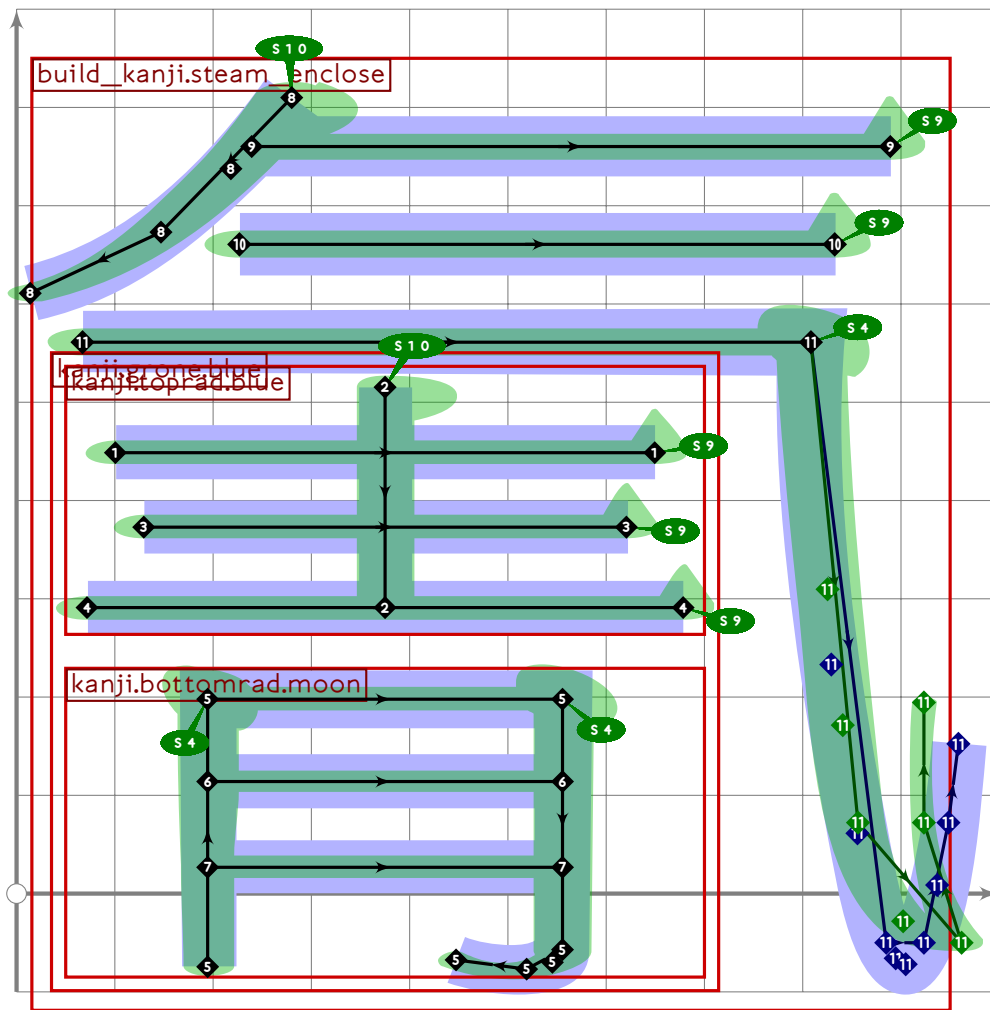
```



```

327 % extra
328 begintsuglyph("uni6C28";40);
329   build_kanji.steam_enclose((700,500))(kanji.grthree.easy);
330   tsu_render;
331   endtsuglyph;
332

```



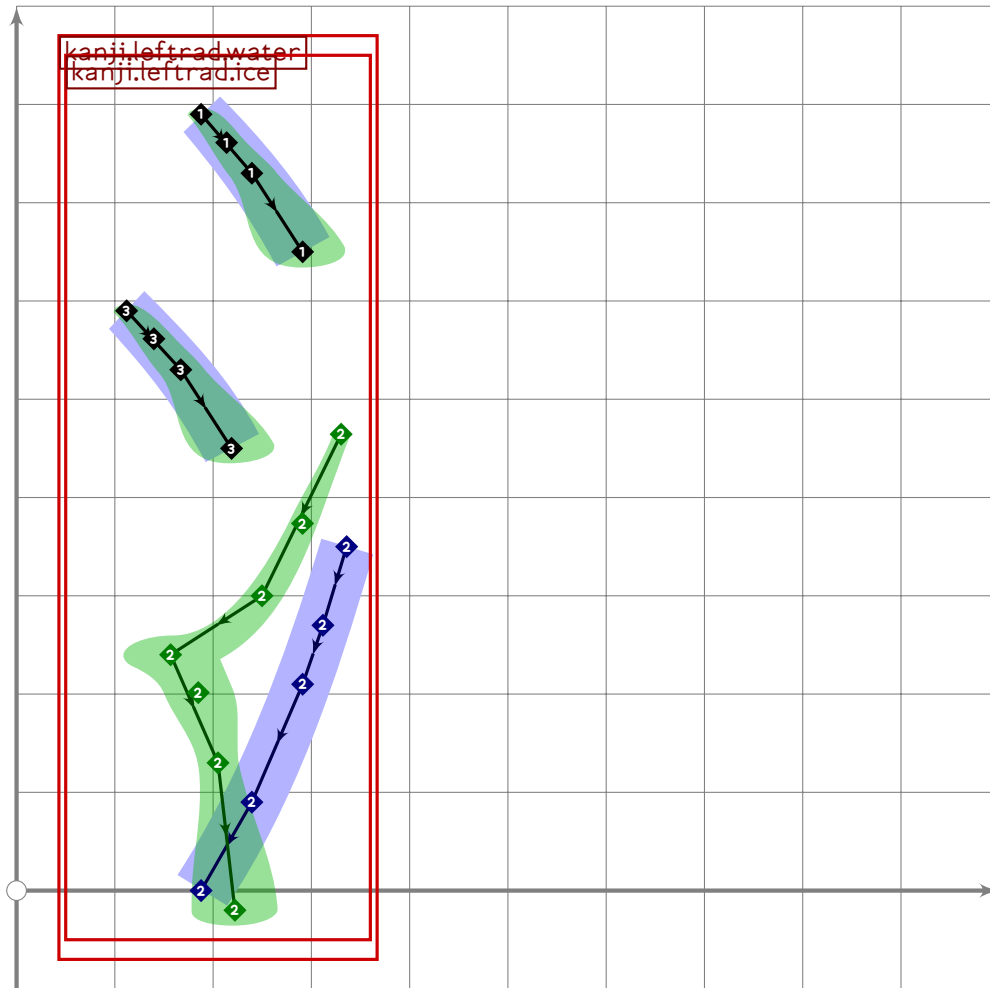
6C

```

333 % extra
334 begintsuglyph("uni6C30";48);
335   build_kanji.steam_enclose((700,500))
336     (build_kanji.sscale(yscaled 1.13)(kanji.grone.blue));
337   tsu_render;
338 endtsuglyph;
339
340 % sui/mizu "water"
341 begintsuglyph("uni6C34";52);
342   kanji.grone.water;
343   tsu_render;
344 endtsuglyph;
345

```

[see page 478]



```

346 % extra "water side radical"
347 begintsuglyph("uni6C35";53);
348   build_kanji.lr(360,0)
349     (kanji.leftrad.water)
350   ();
351   tsu_render;
352 endtsuglyph;
353
354 % hyou/koori "ice"
355 begintsuglyph("uni6C37";55);
356   kanji.grthree.ice;
357   tsu_render;
358 endtsuglyph;
359
360 % ei/naga "long"
361 begintsuglyph("uni6C38";56);
362   kanji.grfive.long;
363   tsu_render;
364 endtsuglyph;
365
366 % water radical variant

```

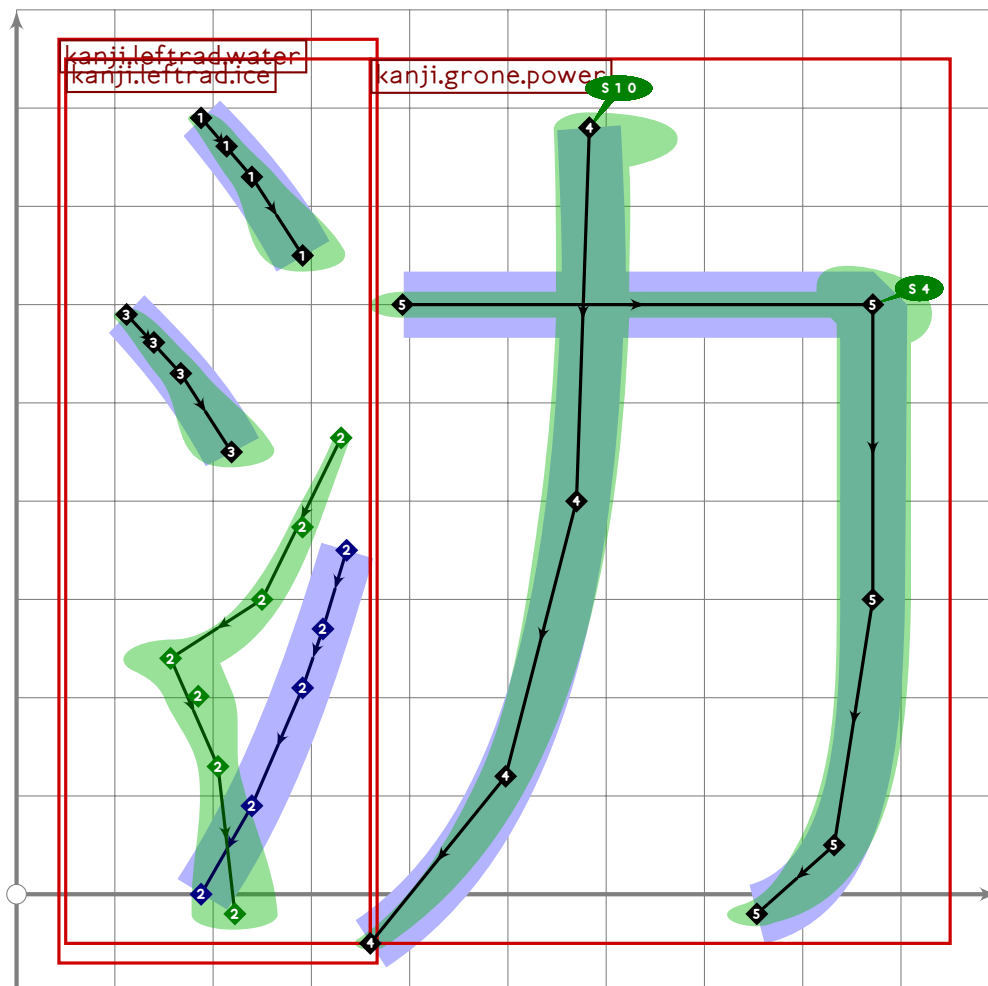
[see page 2378]

[see page 2388]

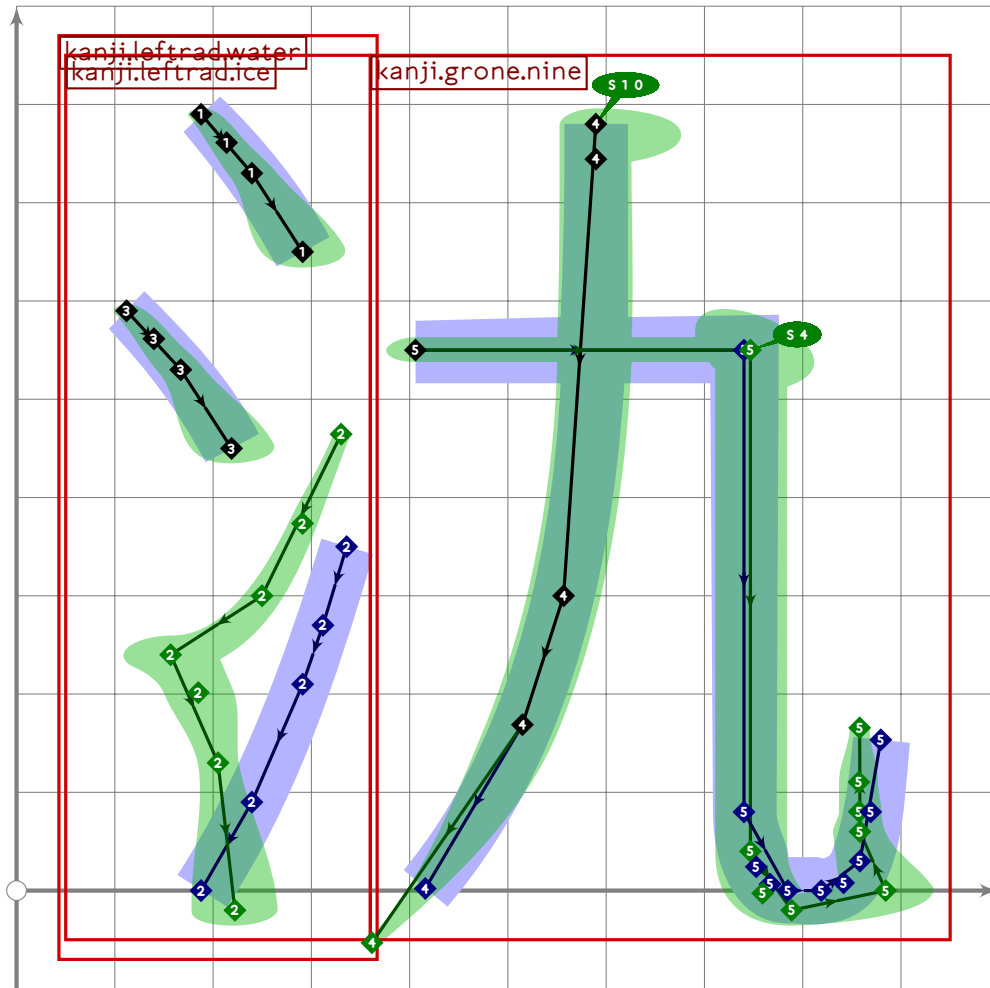
U+6C3B
tsuku.uni6C3B

```
367 begintsuglyph("uni6C3A",58);  
368   kanji.radical.alt_water;  
369   tsu_render;  
370 endtsuglyph;  
371
```

[see page 685]



```
372 % extra  
373 begintsuglyph("uni6C3B",59);  
374   build_kanji.lr(360,0)  
375     (kanji.leftrad.water)  
376     (kanji.grone.power);  
377   tsu_render;  
378 endtsuglyph;  
379
```



```

380 % extra
381 begintsuglyph("uni6C3F",63);
382   build_kanji.lr(360,0)
383     (kanji.leftrad.water)
384     (kanji.grone.nine);
385   tsu_render;
386 endtsuglyph;
387
388 % tei/migiwa "shore"
389 begintsuglyph("uni6C40",64);
390   kanji.grnine.shore;
391   tsu_render;
392 endtsuglyph;
393
394 % juu/shiru "juice" or "soup"
395 begintsuglyph("uni6C41",65);
396   kanji.greight.juice;
397   tsu_render;
398 endtsuglyph;
399
400 % gyuu/moto "request"

```

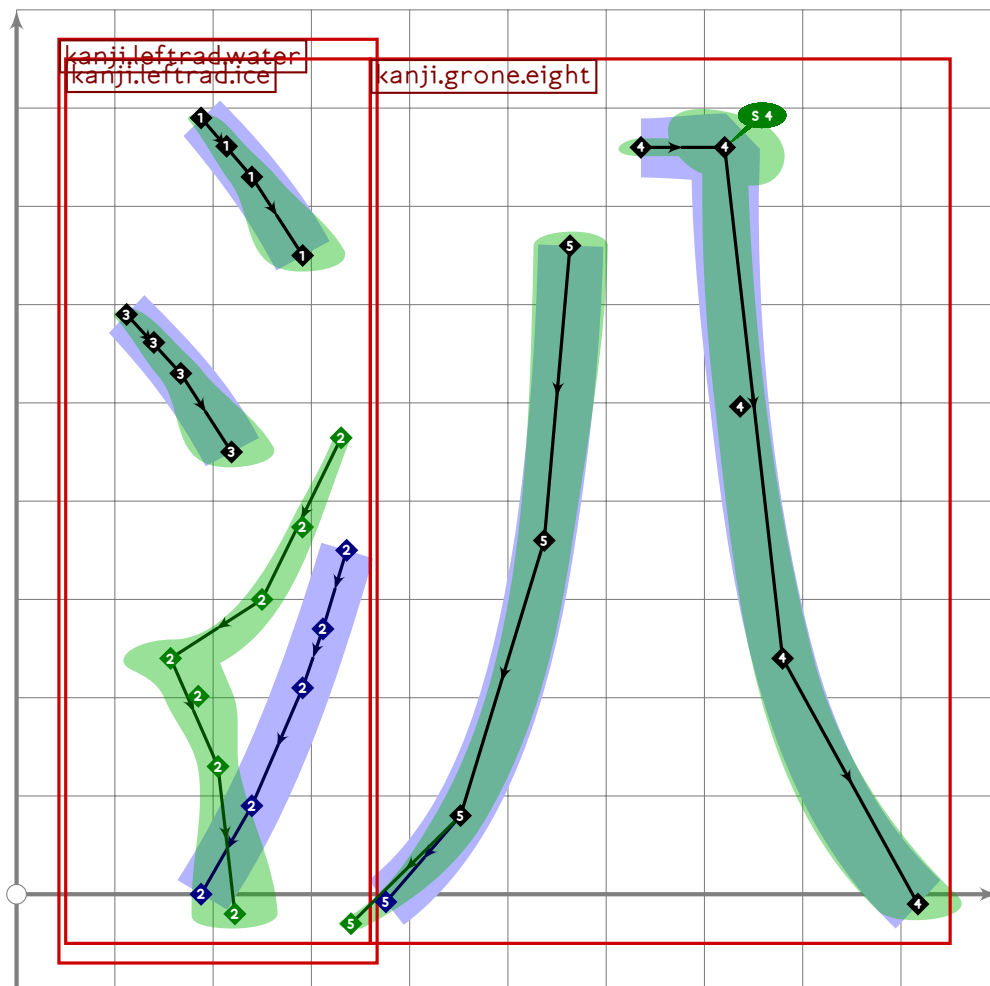
[see page 2394]

[see page 2392]

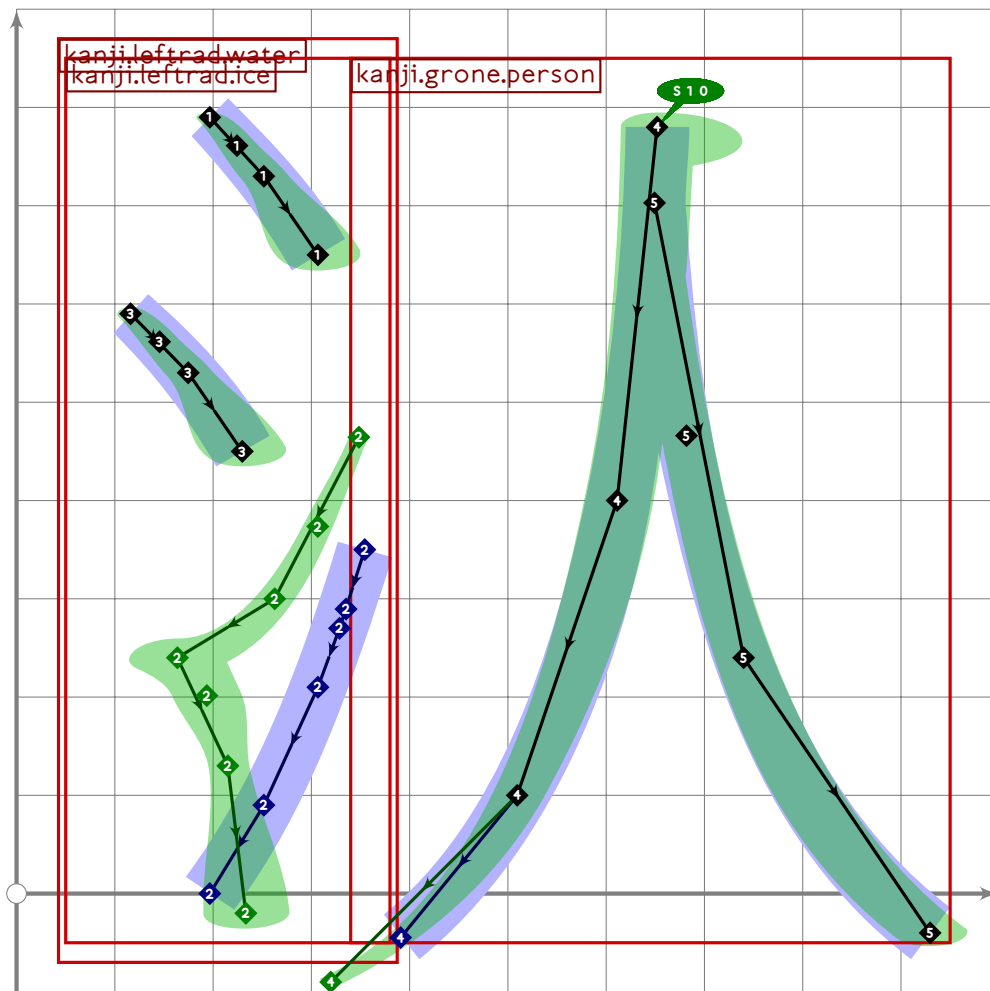
U+6C43
tsuku.uni6C43

[see page 632]

```
401 begintsuglyph("uni6C42";66);  
402   kanji.grfour.request;  
403   tsu_render;  
404 endtsuglyph;  
405
```



```
406 % extra  
407 begintsuglyph("uni6C43";67);  
408   build_kanji.lr(360,0)  
409     (kanji.leftrad.water)  
410     (kanji.grone.eight);  
411   tsu_render;  
412 endtsuglyph;  
413
```

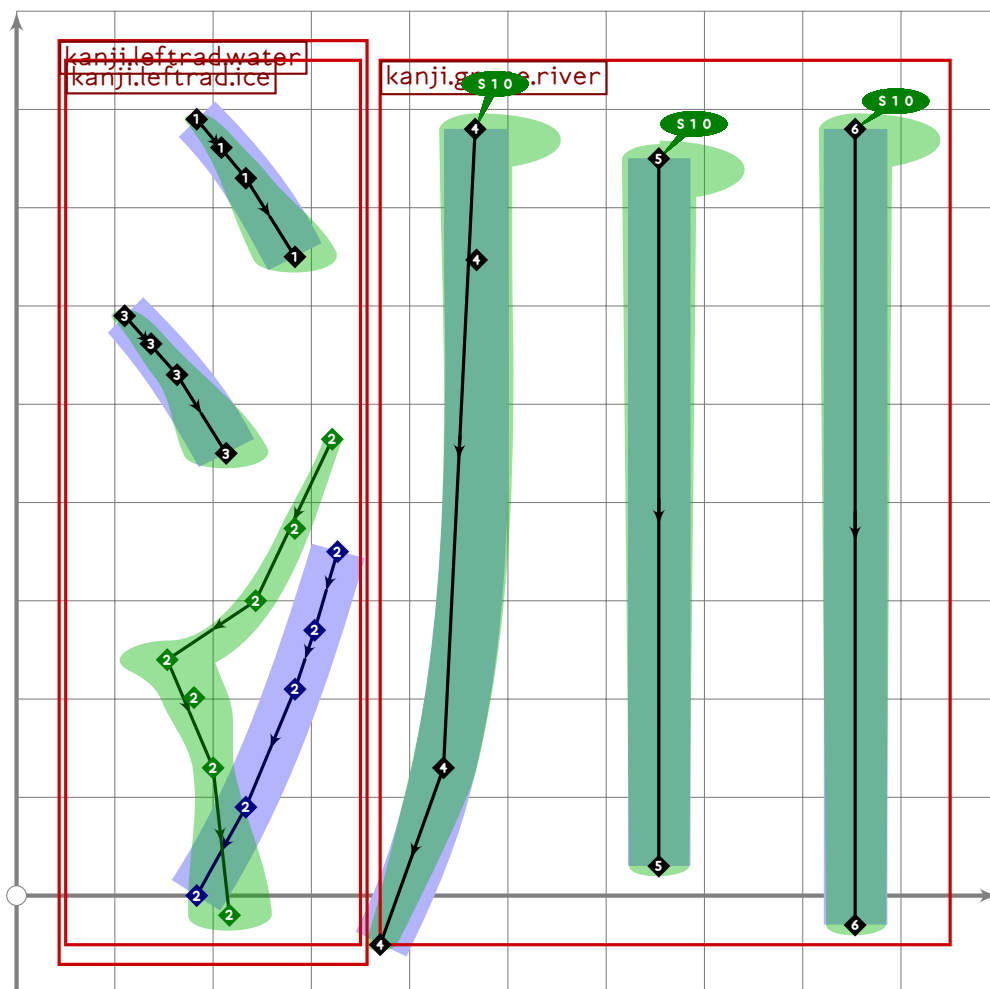
6C

```

414 % extra
415 begintsuglyph("uni6C44";68);
416   build_kanji.lr(360,40)
417     (kanji.leftrad.water)
418     (kanji.grone.person);
419   tsu_render;
420 endtsuglyph;
421

```

U+6C4C
tsuku.uni6C4C

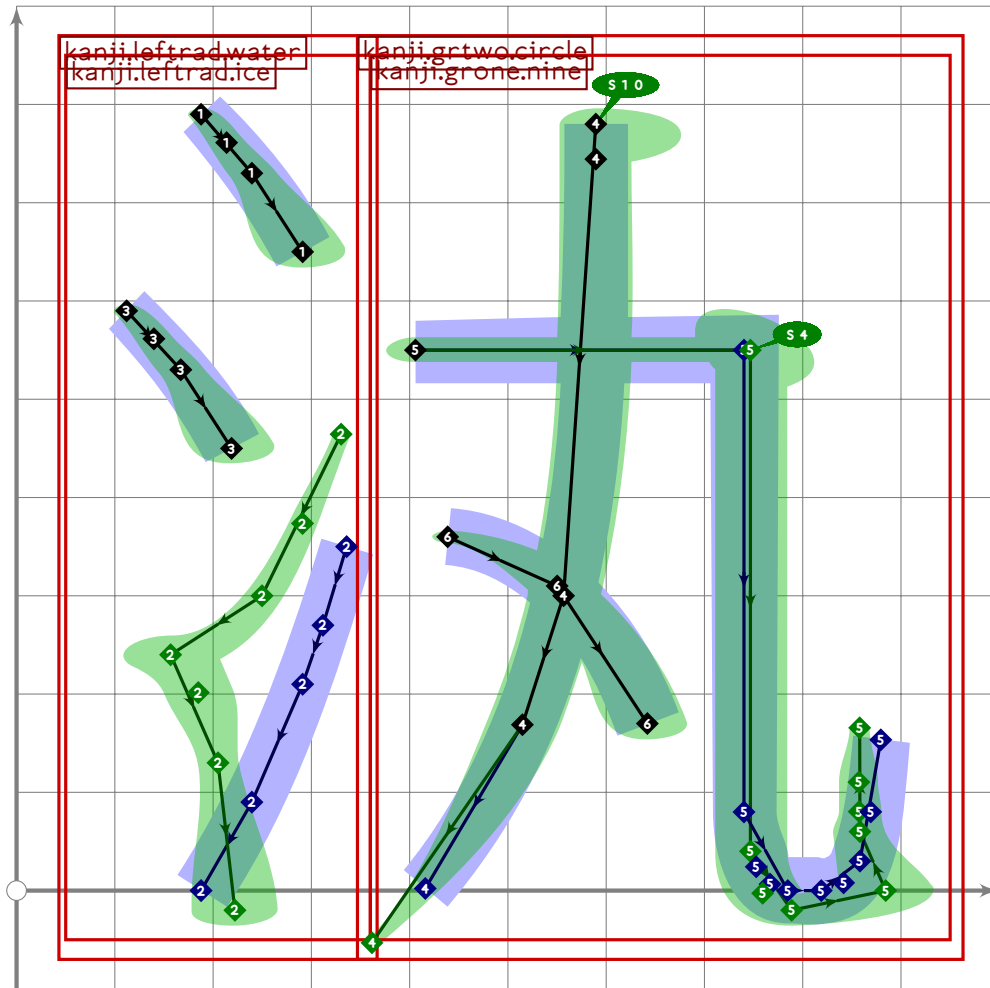


6C

```

422 % extra
423 begintsuglyph("uni6C4C";76);
424   build_kanji.lr(360;-20)
425     (kanji.leftrad.water)
426     (kanji.grone.river);
427   tsu_render;
428 endtsuglyph;
429

```

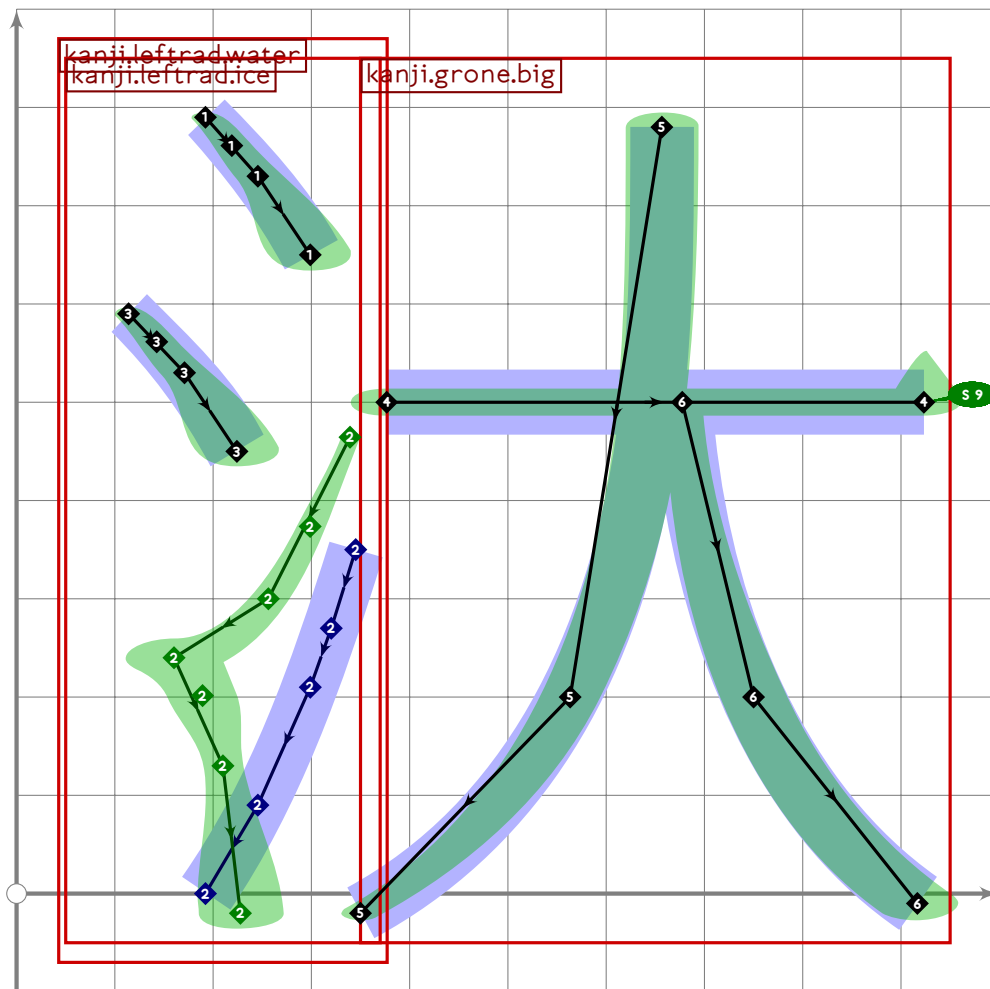


```

430 % extra
431 begintsuglyph("uni6C4D";77);
432   build_kanji.lr(360,0)
433     (kanji.leftrad.water)
434     (kanji.grtwo.circle);
435   tsu_render;
436 endtsuglyph;
437

```

U+6C4F
tsuku.uni6C4F



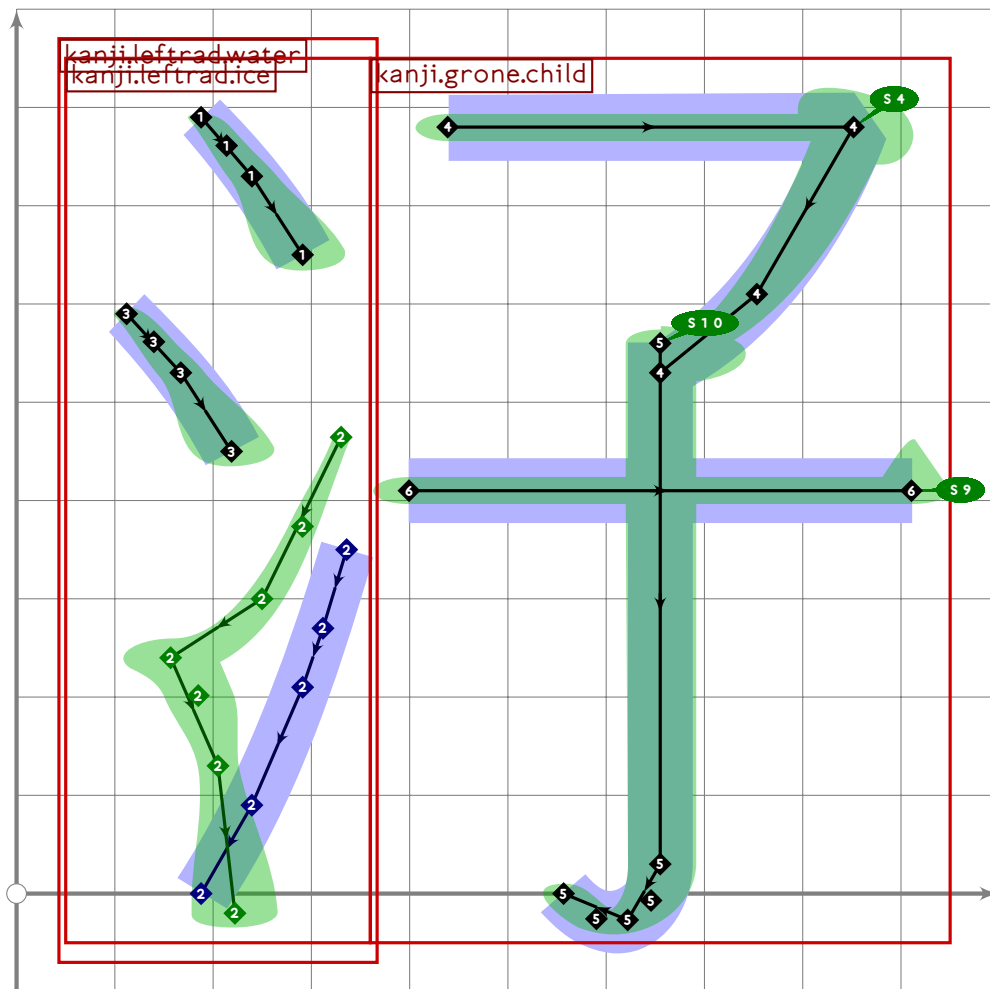
6C

```

438 % extra
439 begintsuglyph("uni6C4F";79);
440   build_kanji.lr(360,20)
441     (kanji.leftrad.water)
442     (kanji.grone.big);
443   tsu_render;
444 endtsuglyph;
445
446 % seki/shio "tide"
447 begintsuglyph("uni6C50";80);
448   kanji.grnine.tide;
449   tsu_render;
450 endtsuglyph;
451

```

[see page 2396]

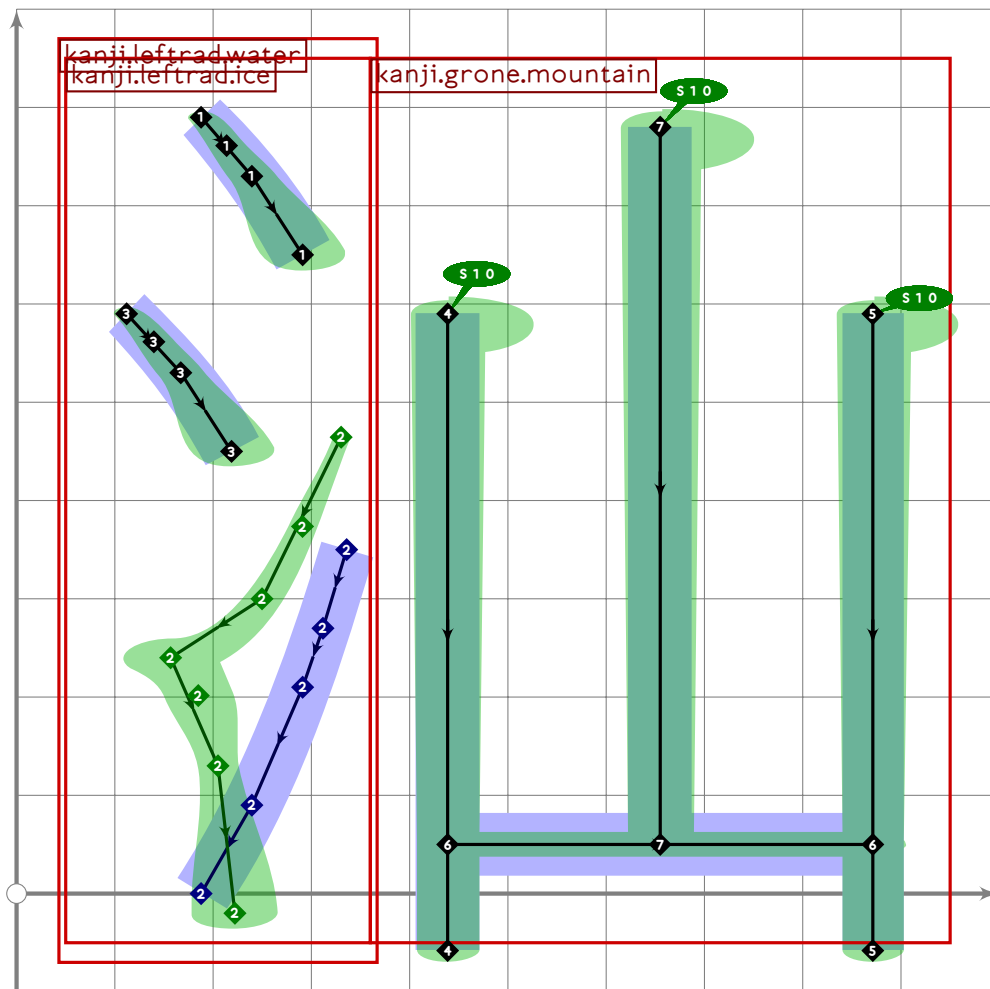


```

452 % extra
453 begintsuglyph("uni6C53";83);
454   build_kanji.lr(360,0)
455     (kanji.leftrad.water)
456     (kanji.grone.child);
457   tsu_render;
458 endtsuglyph;
459

```

U+6C55
tsuku.uni6C55

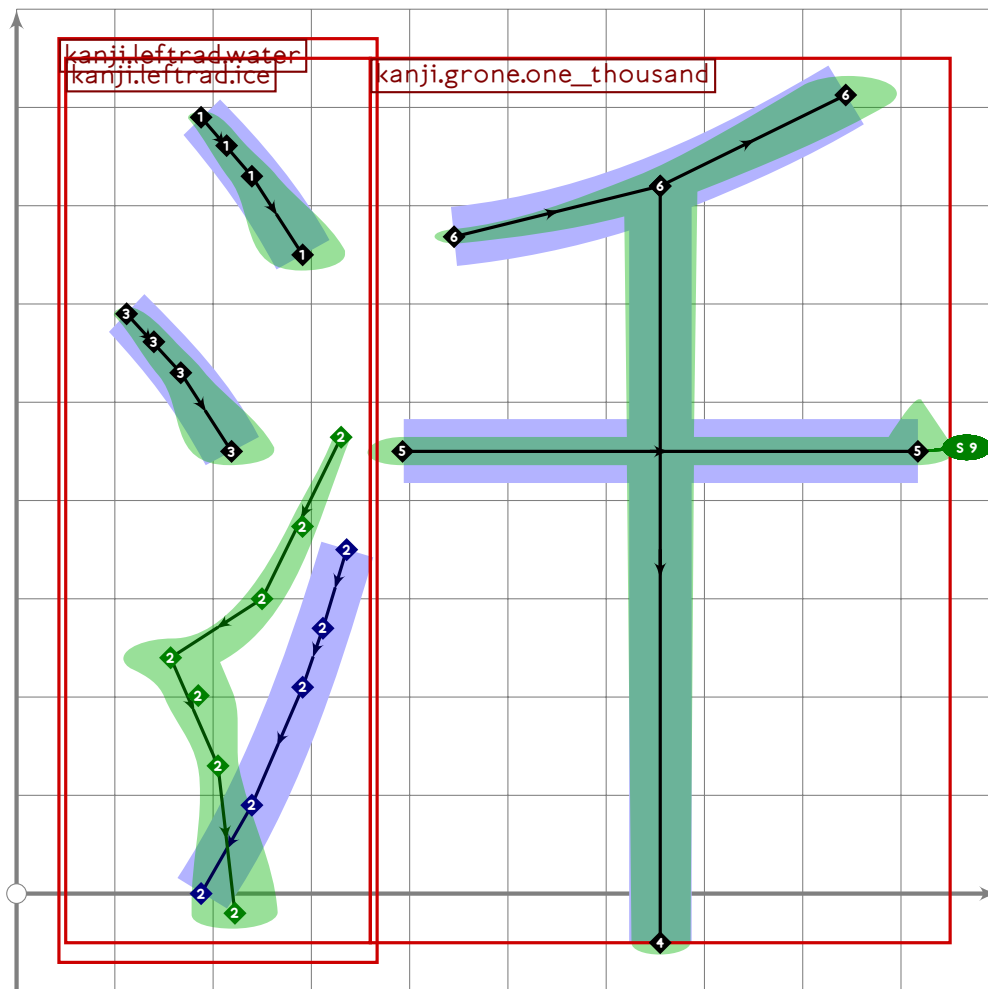


6C

```

460 % extra "fish swimming"
461 begintsuglyph("uni6C55",85);
462   build_kanji.lr(360,0)
463     (kanji.leftrad.water)
464     (kanji.grone.mountain);
465   tsu_render;
466 endtsuglyph;
467

```



```

468 % extra
469 begintsuglyph("uni6C58";88);
470   build_kanji.lr(360,0)
471     (kanji.leftrad.water)
472     (kanji.grone.one_thousand);
473   tsu_render;
474 endtsuglyph;
475
476 % jo/nanji "thou"
477 begintsuglyph("uni6C5D";93);
478   kanji.grnine.thou;
479   tsu_render;
480 endtsuglyph;
481
482 % kou/e "bay" ("e" in "Edo")
483 begintsuglyph("uni6C5F";95);
484   kanji.greight.bay;
485   tsu_render;
486 endtsuglyph;
487
488 % chi/ike "pond"

```

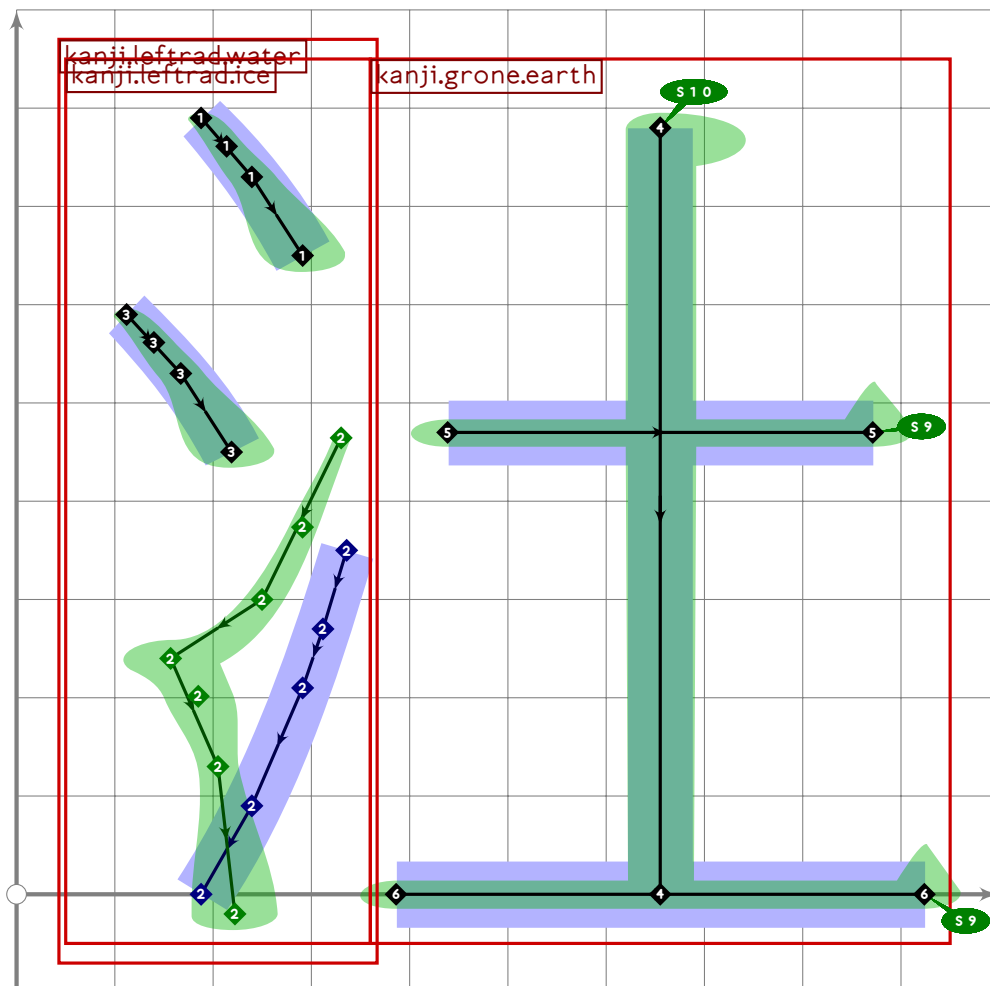
[see page 2395]

[see page 2390]

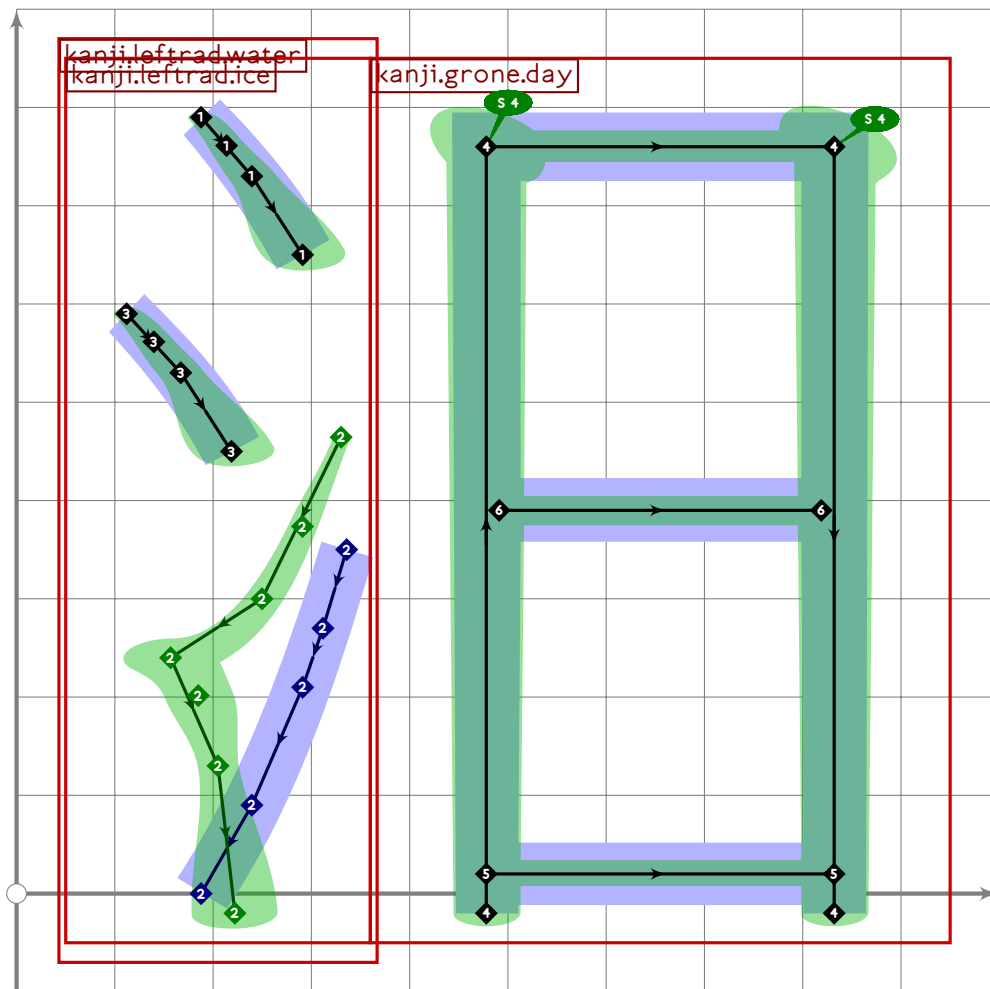
U+6C62
tsuku.uni6C62

```
489 begintsuglyph("uni6C60";96);  
490   kanji.grtwo.pond;  
491   tsu_render;  
492 endtsuglyph;  
493
```

[see page 2375]



```
494 % extra  
495 begintsuglyph("uni6C62";98);  
496   build_kanji.lr(360,0)  
497     (kanji.leftrad.water)  
498     (kanji.grone.earth);  
499   tsu_render;  
500 endtsuglyph;  
501
```

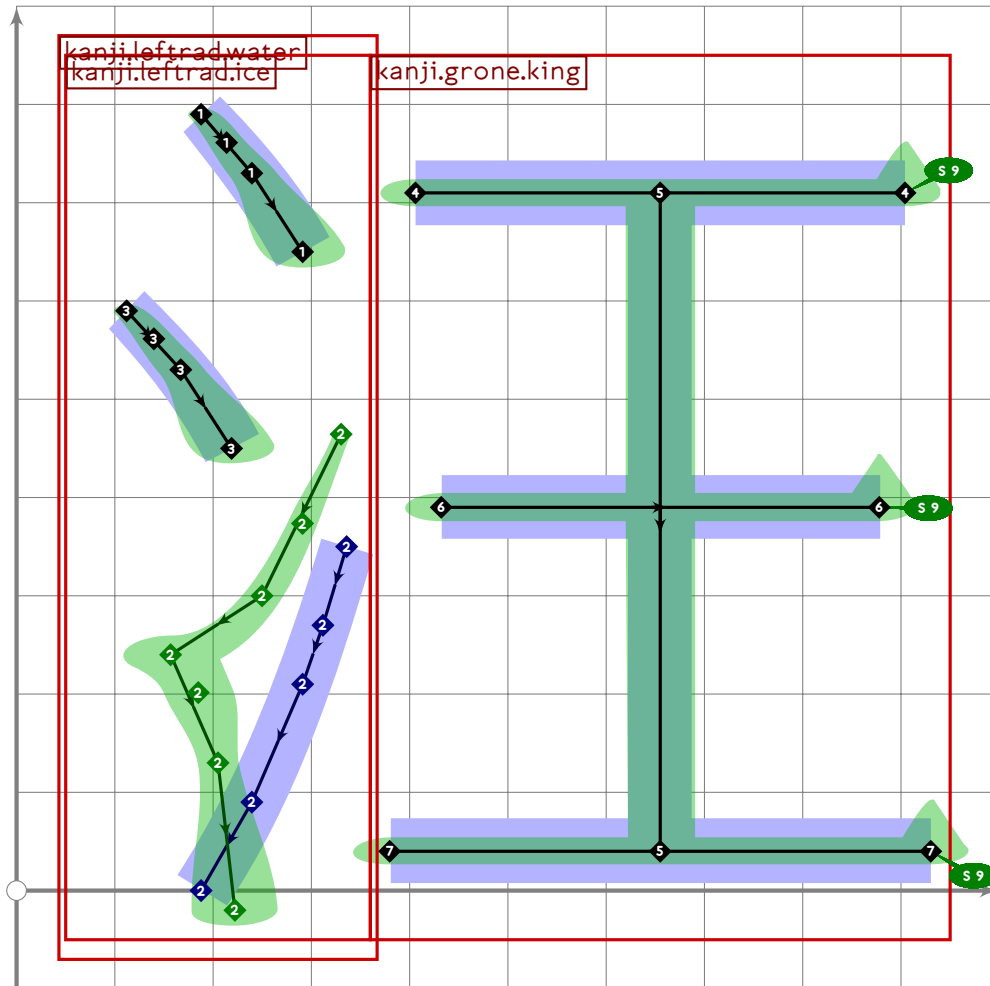



```

502 % extra
503 begintsuglyph("uni6C68",104);
504   build_kanji.lr(360,0)
505     (kanji.leftrad.water)
506     (kanji.grone.day);
507   tsu_render;
508 endtsuglyph;
509

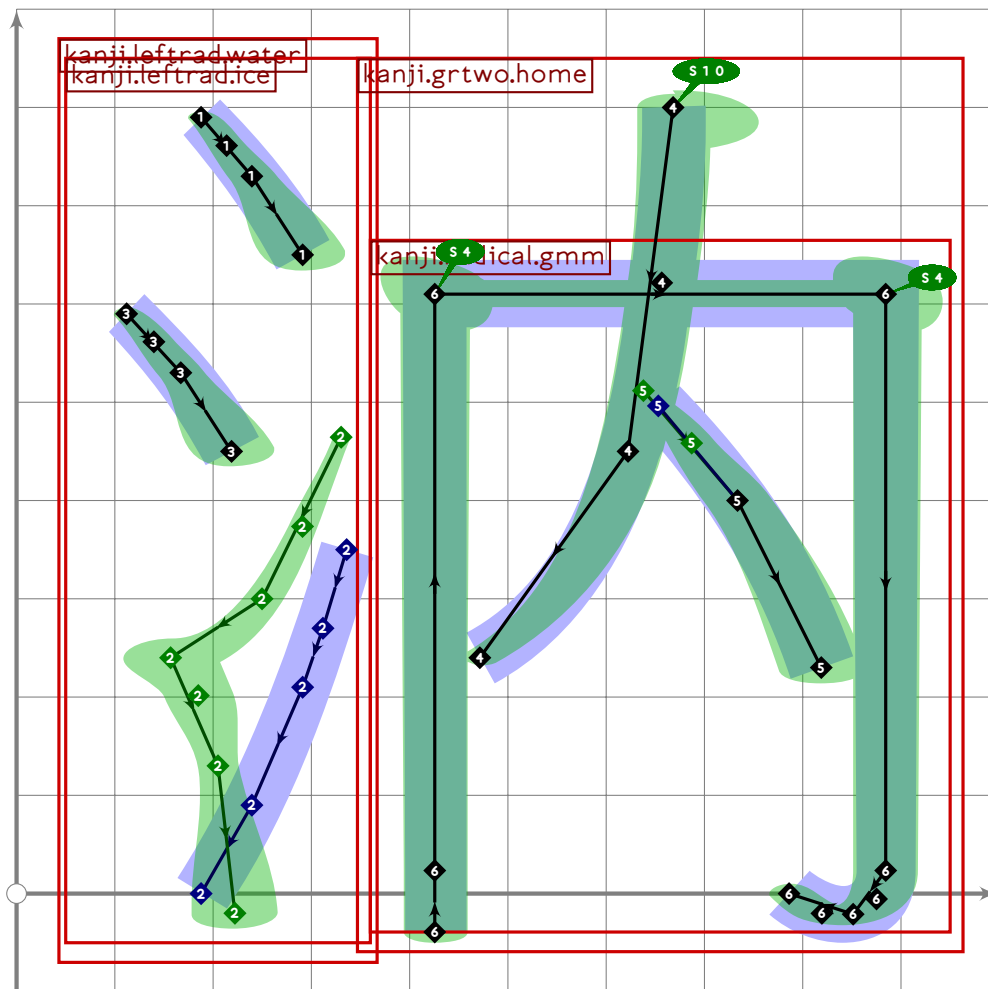
```

U+6C6A
tsuku.uni6C6A



6C

```
510 % extra
511 begintsuglyph("uni6C6A";106);
512   build_kanji.lr(360,0)
513     (kanji.leftrad.water)
514     (kanji.grone.king);
515   tsu_render;
516 endtsuglyph;
517
```



6C

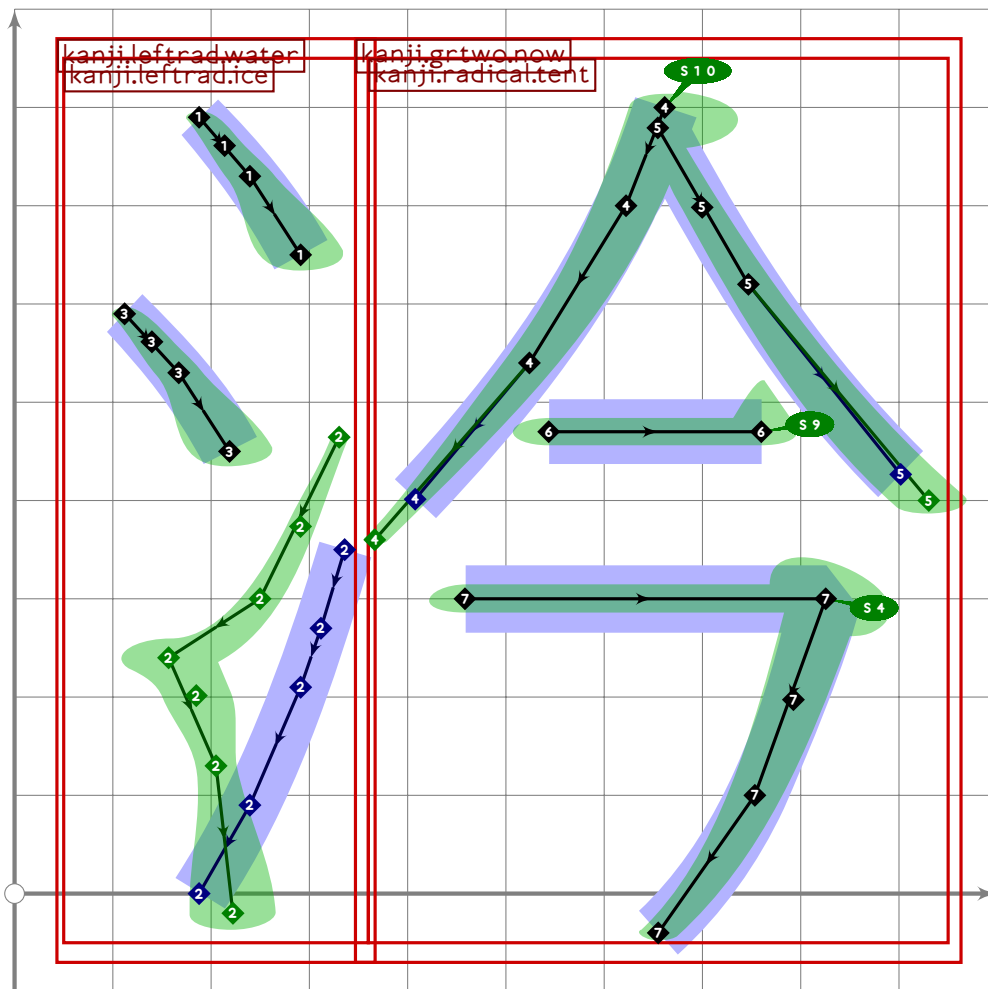
```

518 % extra
519 begintsuglyph("uni6C6D",109);
520   build_kanji.lr(360,0)
521     (kanji.leftrad.water)
522     (kanji.grtwo.home);
523   tsu_render;
524 endtsuglyph;
525
526 % ta/ogo "luxury"
527 begintsuglyph("uni6C70",112);
528   kanji.grnine.luxury;
529   tsu_render;
530 endtsuglyph;
531

```

[see page 2393]

U+6C75
tsuku.uni6C75

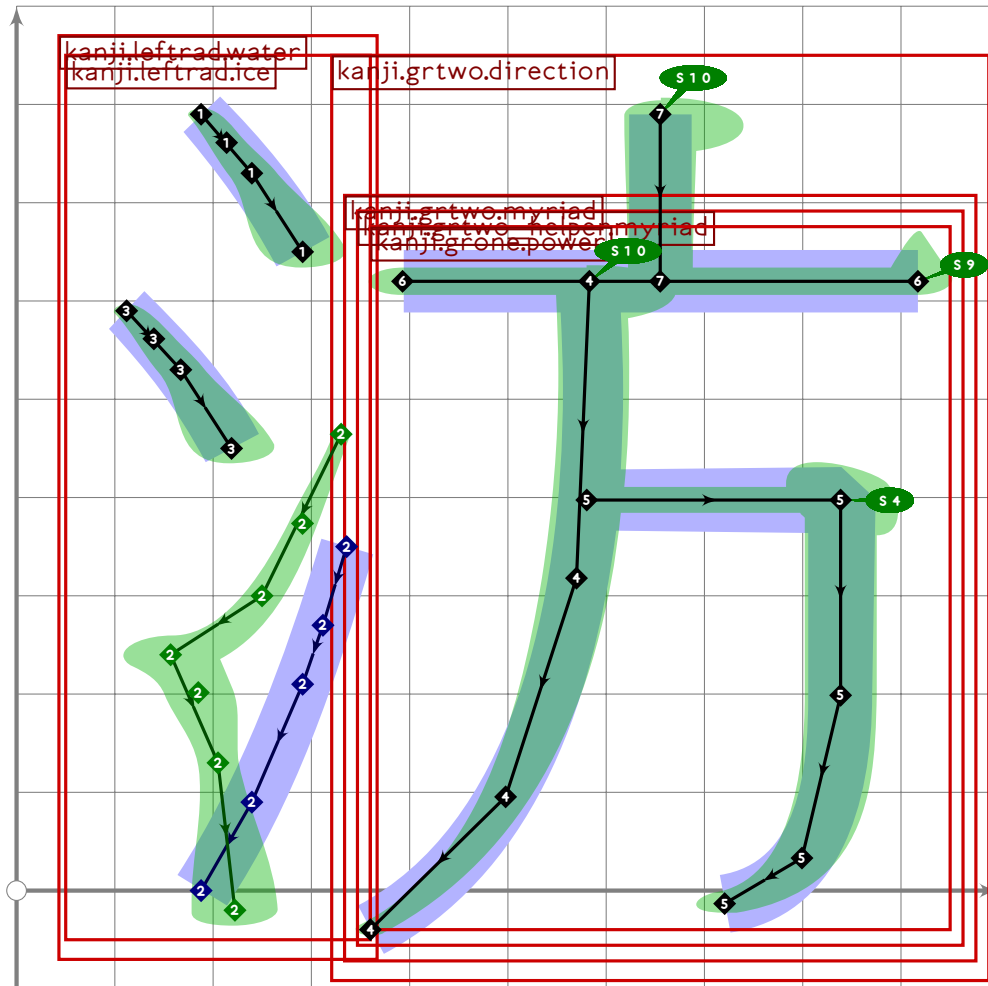


6C

```

532 % extra
533 begintsuglyph("uni6C75";117);
534   build_kanji.lr(360,0)
535     (kanji.leftrad.water)
536     (kanji.grtwo.now);
537   tsu_render;
538 endtsuglyph;
539

```



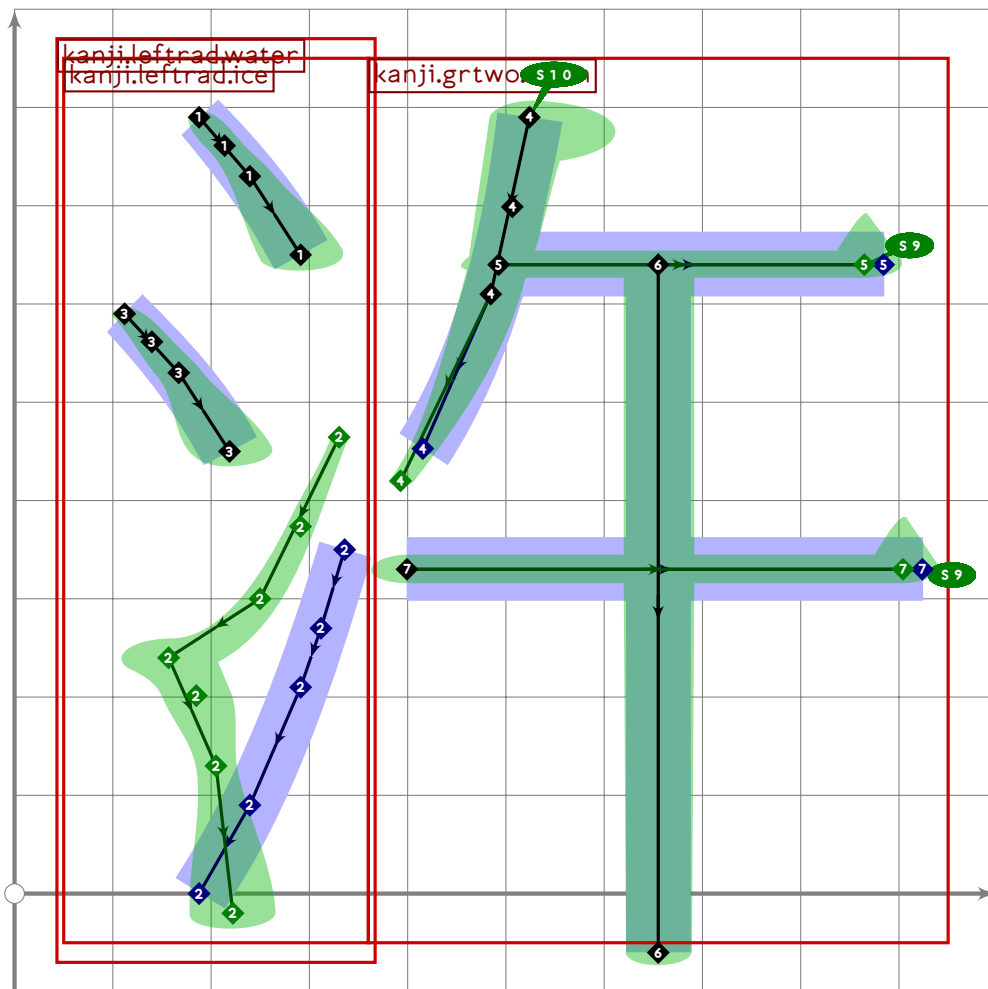
```

540 % extra
541 begintsuglyph("uni6C78";120);
542   build_kanji.lr(360,0)
543     (kanji.leftrad.water)
544     (kanji.grtwo.direction);
545   tsu_render;
546 endtsuglyph;
547
548 % ketsu/ki "decide"
549 begintsuglyph("uni6C7A";122);
550   kanji.grthree.decide;
551   tsu_render;
552 endtsuglyph;
553

```

[see page 2377]

U+6C7B
tsuku.uni6C7B



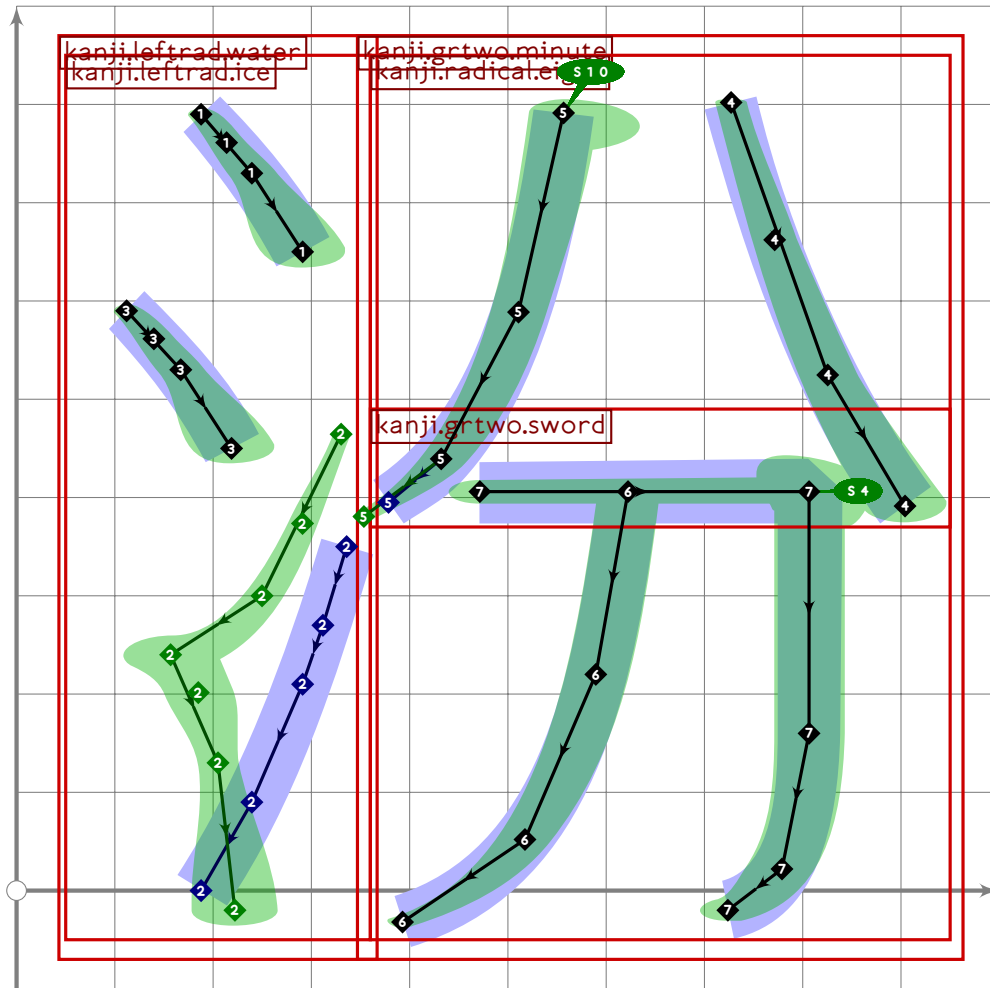
6C

```

554 % extra
555 begintsuglyph("uni6C7B";123);
556   build_kanji.lr(360,0)
557     (kanji.leftrad.water)
558     (kanji.grtwo.noon);
559   tsu_render;
560 endtsuglyph;
561
562 % ki "steam"
563 begintsuglyph("uni6C7D";125);
564   kanji.grtwo.steam;
565   tsu_render;
566 endtsuglyph;
567

```

[see page 2376]



```

568 % extra "name of a Chinese river"
569 begintsuglyph("uni6C7E",126);
570   build_kanji.lr(360,0)
571     (kanji.leftrad.water)
572     (kanji.grtwo.minute);
573   tsu_render;
574 endtsuglyph;
575
576 % you/soso "fertility"
577 begintsuglyph("uni6C83",131);
578   kanji.greight.fertility;
579   tsu_render;
580 endtsuglyph;
581
582 % ka/kawa "river"
583 begintsuglyph("uni6CB3",179);
584   kanji.grfive.river;
585   tsu_render;
586 endtsuglyph;
587
588 % yu/abura "oil"

```

[see page 2391]

[see page 2387]

589 `begintsuglyph("uni6CB9";185);` [see page 2379]
 590 `kanji.grthree.oil;`
 591 `tsu_render;`
 592 `endtsuglyph;`
 593
 594 `% ji/osa "cure"`
 595 `begintsuglyph("uni6CBB";187);` [see page 2383]
 596 `kanji.grfour.cure;`
 597 `tsu_render;`
 598 `endtsuglyph;`
 599
 600 `% en/so "along"`
 601 `begintsuglyph("uni6CBF";191);` [see page 2389]
 602 `kanji.grsix.along;`
 603 `tsu_render;`
 604 `endtsuglyph;`
 605
 606 `% sen/izumi "spring" or "fountain" (not the season)`
 607 `begintsuglyph("uni6CC9";201);` [see page 662]
 608 `kanji.grsix.fountain;`
 609 `tsu_render;`
 610 `endtsuglyph;`
 611
 612 `% hou/nori "law"`
 613 `begintsuglyph("uni6CD5";213);` [see page 2384]
 614 `kanji.grfour.law;`
 615 `tsu_render;`
 616 `endtsuglyph;`
 617
 618 `% ha/nami "wave" (or Poland)`
 619 `begintsuglyph("uni6CE2";226);` [see page 2382]
 620 `kanji.grthree.wave;`
 621 `tsu_render;`
 622 `endtsuglyph;`
 623
 624 `% kyuuna "weep"`
 625 `begintsuglyph("uni6CE3";227);` [see page 2386]
 626 `kanji.grfour.weep;`
 627 `tsu_render;`
 628 `endtsuglyph;`
 629
 630 `% chuu/soso "pour"`
 631 `begintsuglyph("uni6CE8";232);` [see page 2380]
 632 `kanji.grthree.pour;`
 633 `tsu_render;`
 634 `endtsuglyph;`
 635
 636 `% ei/oyo "swim"`

637 begintsuglyph("uni6CF3";243);

[see page 2381]

638 kanji.grthree.swim;

639 tsu_render;

640 endtsuglyph;

641

642

643

644 endfont;

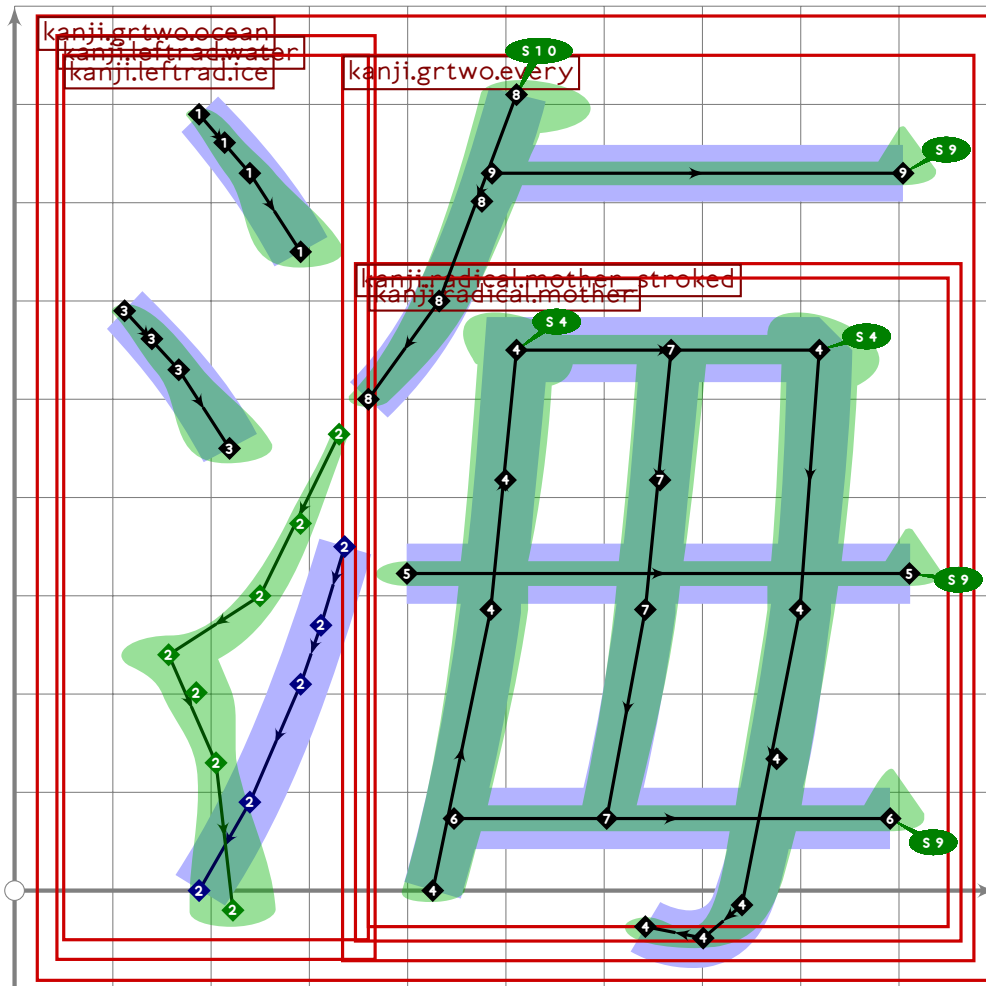
645

646

tsuku-6d.mp

6D

```
1 %
2 % Unicode page 6D (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
```

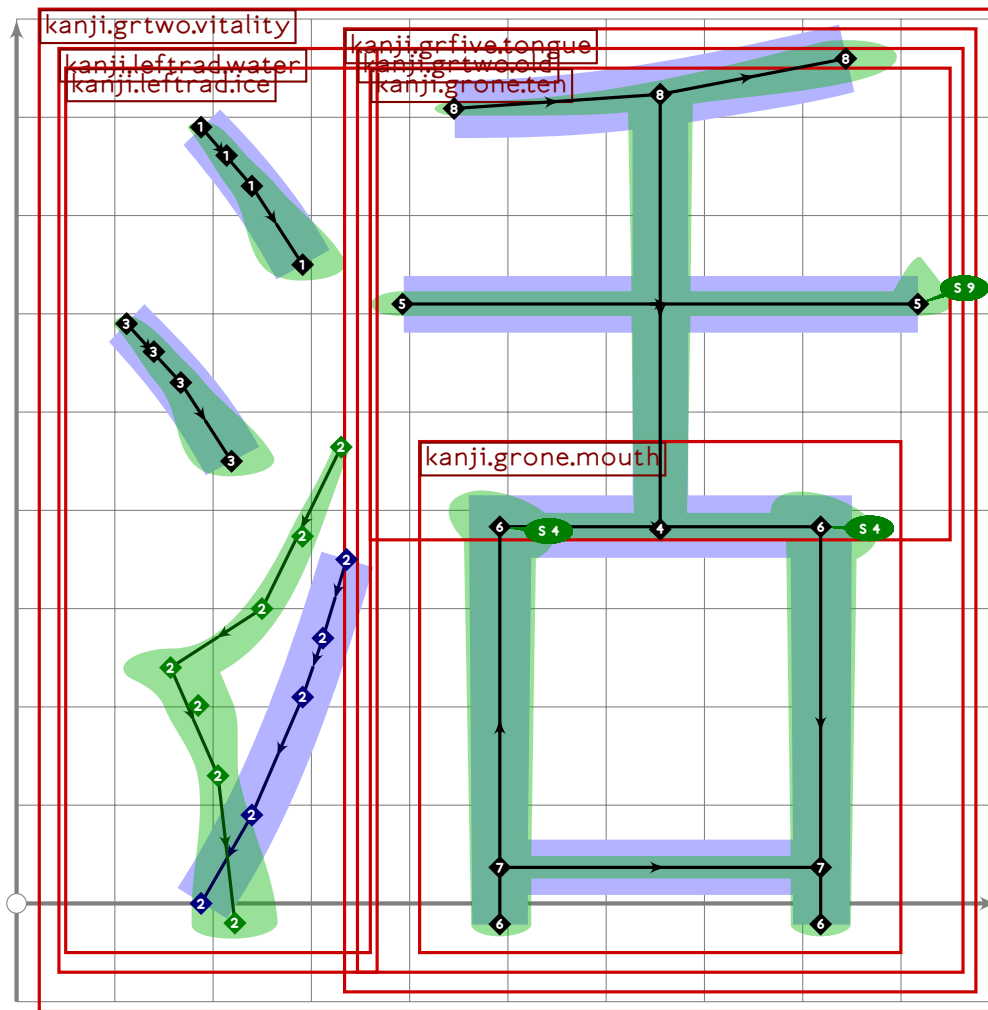


```

53
54 vardef kanji.grtwo.ocean =
55   push_pbox_toexpand("kanji.grtwo.ocean");
56   build_kanji.lr(360,0)
57     (kanji.leftrad.water)
58     (kanji.grtwo.every);
59   expand_pbox;
60 enddef;

```

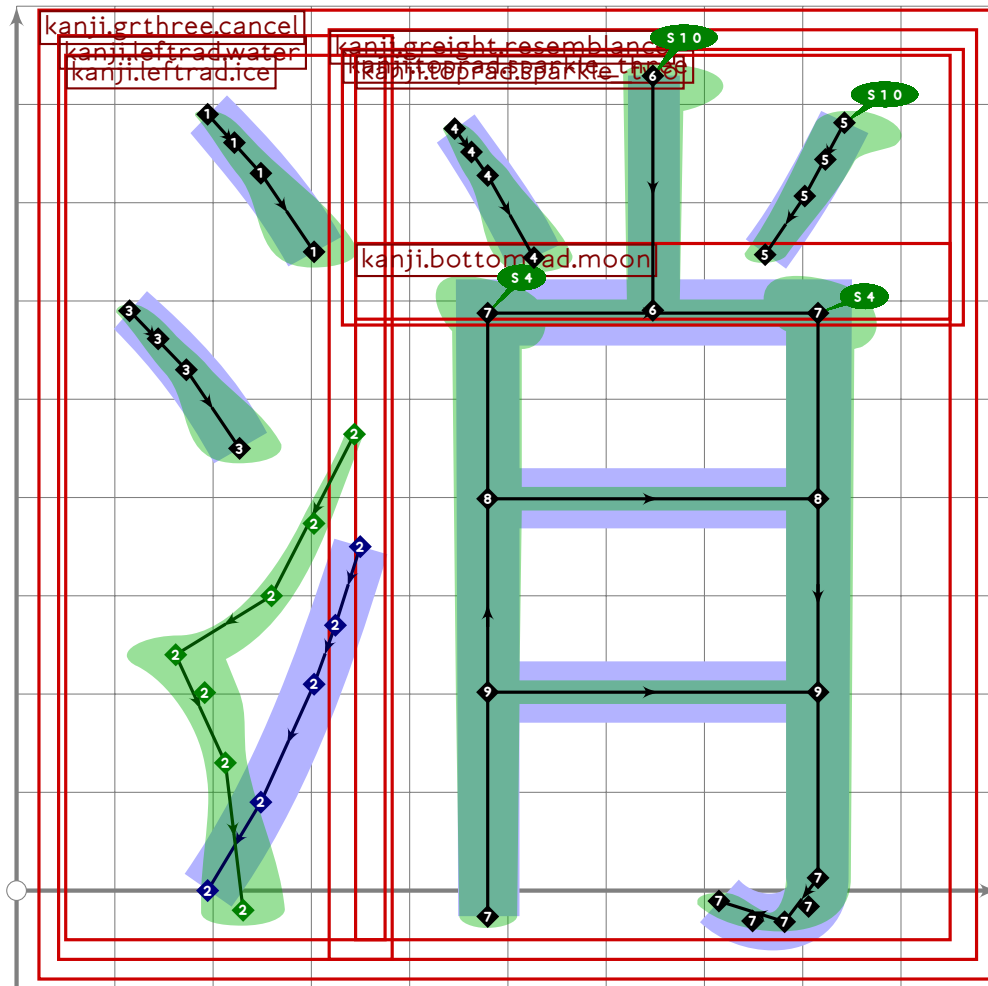
U+6D3B
tsuku.uni6D3B



6D

```

61
62 vardef kanji.grtwo.vitality =
63   push_pbox_toexpand("kanji.grtwo.vitality");
64   build_kanji.lr(360,0)
65     (kanji.leftrad.water)
66     (kanji.grfive.tongue);
67   expand_pbox;
68 enddef;
69
70
```

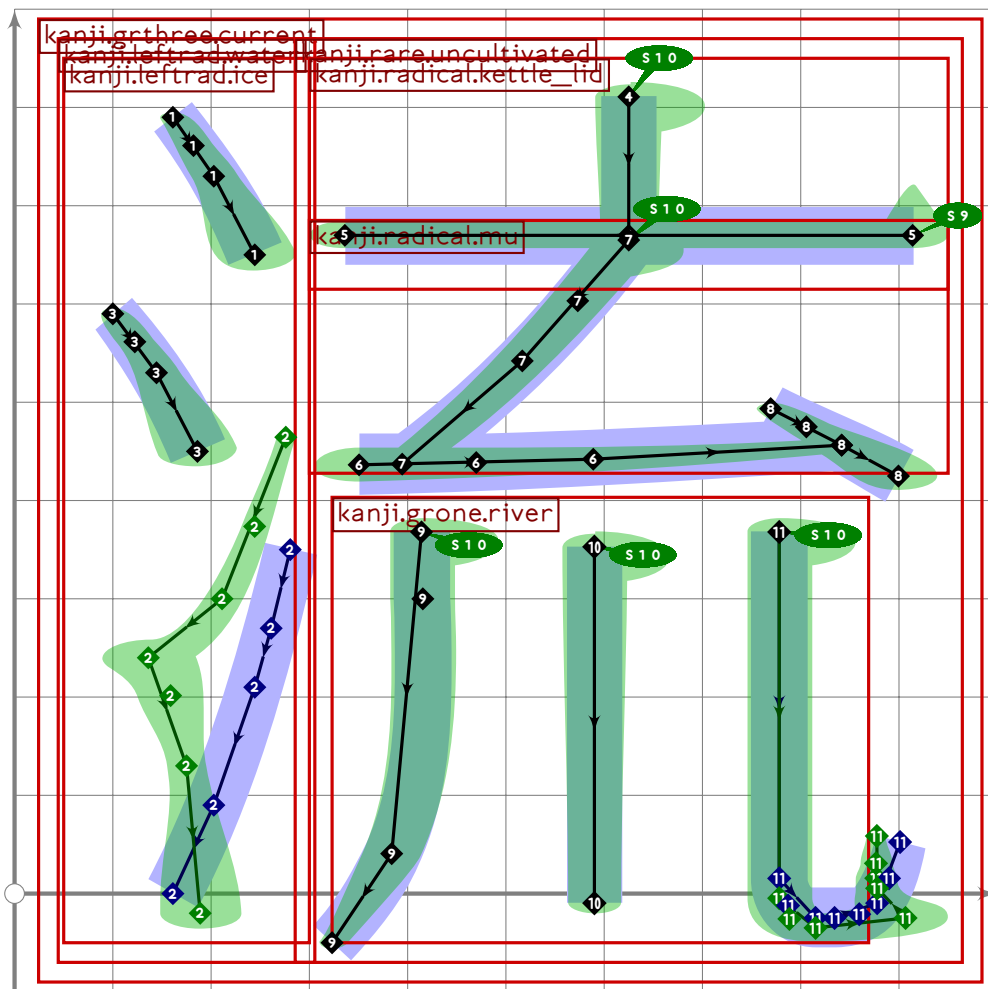


```

71
72 vardef kanji.grthree.cancel =
73   push_pbox_toexpand("kanji.grthree.cancel");
74   build_kanji.lr(360,30)
75     (kanji.leftrad.water)
76     (kanji.greight.resemblance);
77   expand_pbox;
78 enddef;

```

U+6D41
tsuku.uni6D41

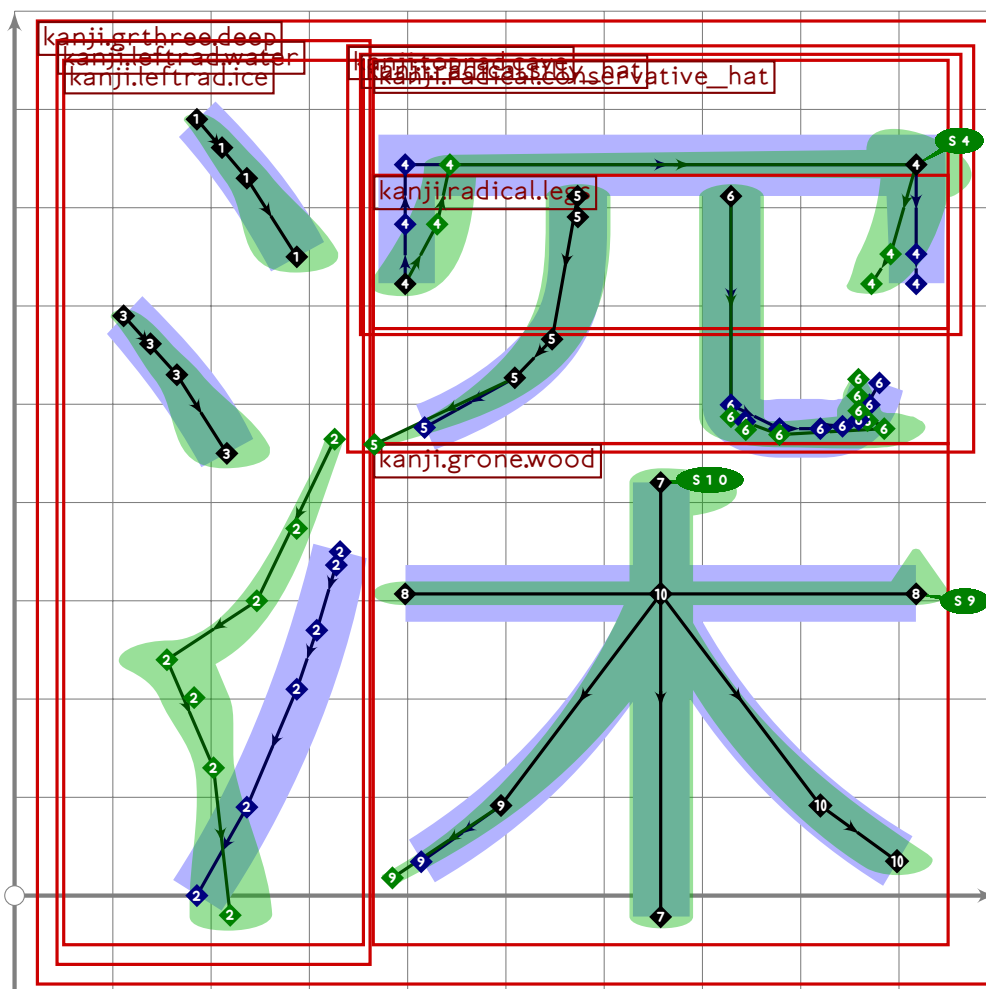


6D

```

79
80 vardef kanji.grthree.current =
81   push_pbox_toexpand("kanji.grthree.current");
82   build_kanji.lr(300,0)
83     (kanji.leftrad.water)
84     (kanji.rare.uncultivated);
85   expand_pbox;
86 enddef;

```

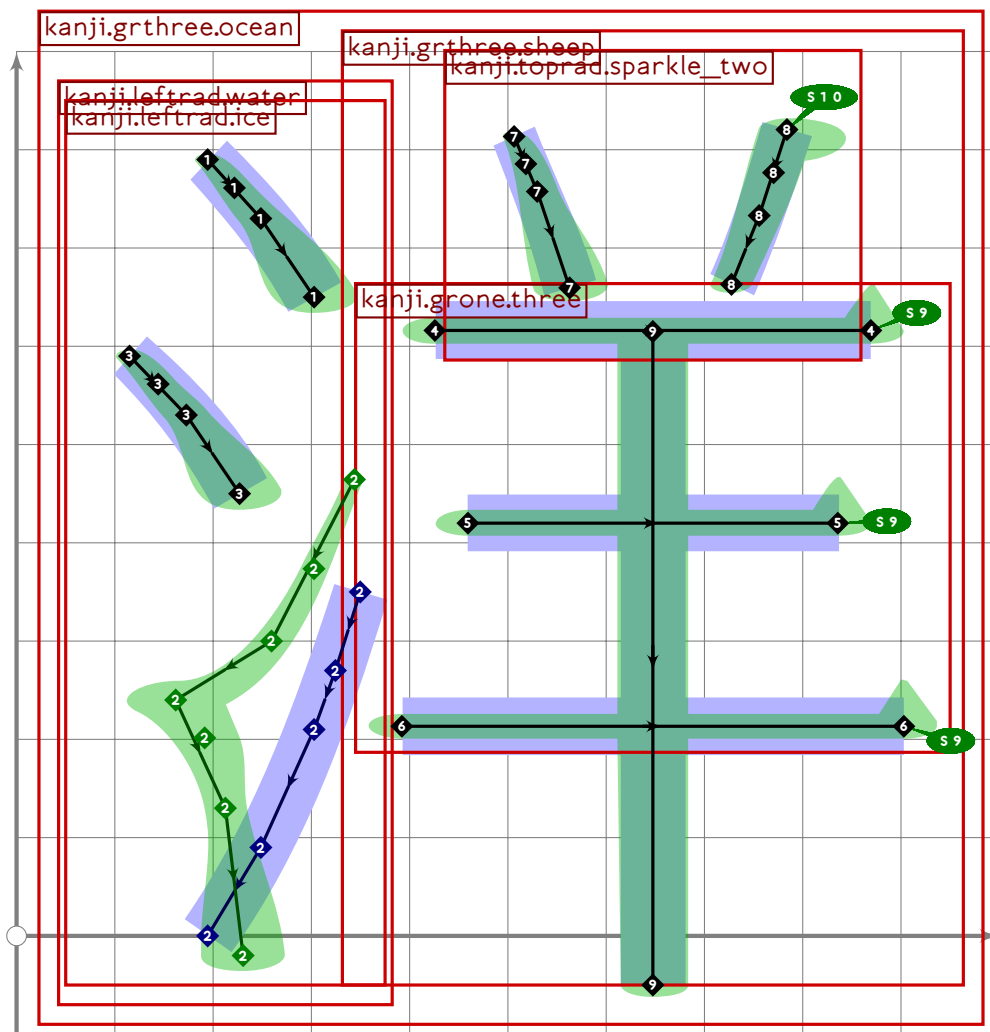


```

87
88 vardef kanji.grthree.deep =
89   push_pbox_toexpand("kanji.grthree.deep");
90   build_kanji.lr(360,-10)
91   (kanji.leftrad.water)
92   (build_kanji.level(build_kanji.tb(460,0)
93     (kanji.toprad.cave;
94       set_bosize(-3,0))
95     (kanji.grone.wood)));
96   expand_pbox;
97 enddef;

```

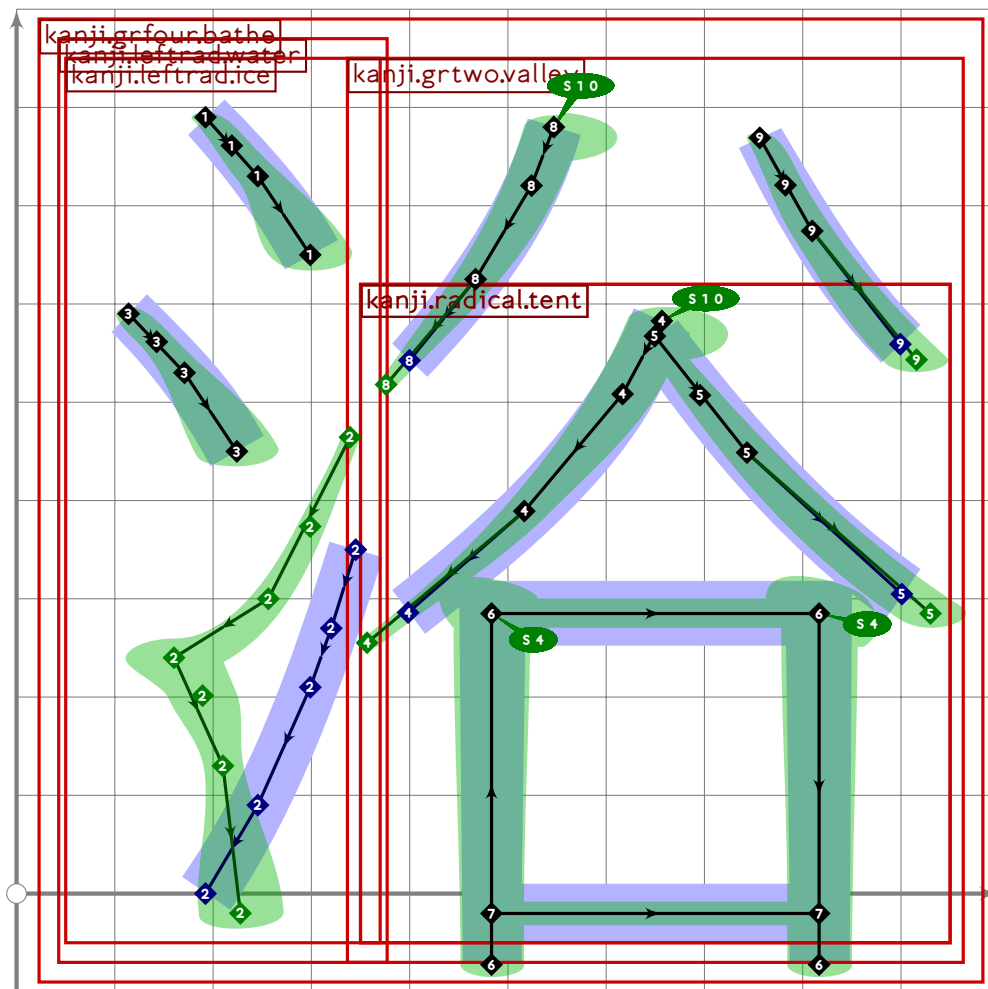
U+6D0B
tsuku.uni6D0B



6D

```

98
99 vardef kanji.grthree.ocean =
100   push_pbox_toexpand("kanji.grthree.ocean");
101   build_kanji.lr(360,30)
102     (kanji.leftrad.water)
103     (kanji.grthree.sheep);
104   expand_pbox;
105 enddef;
106
107
```

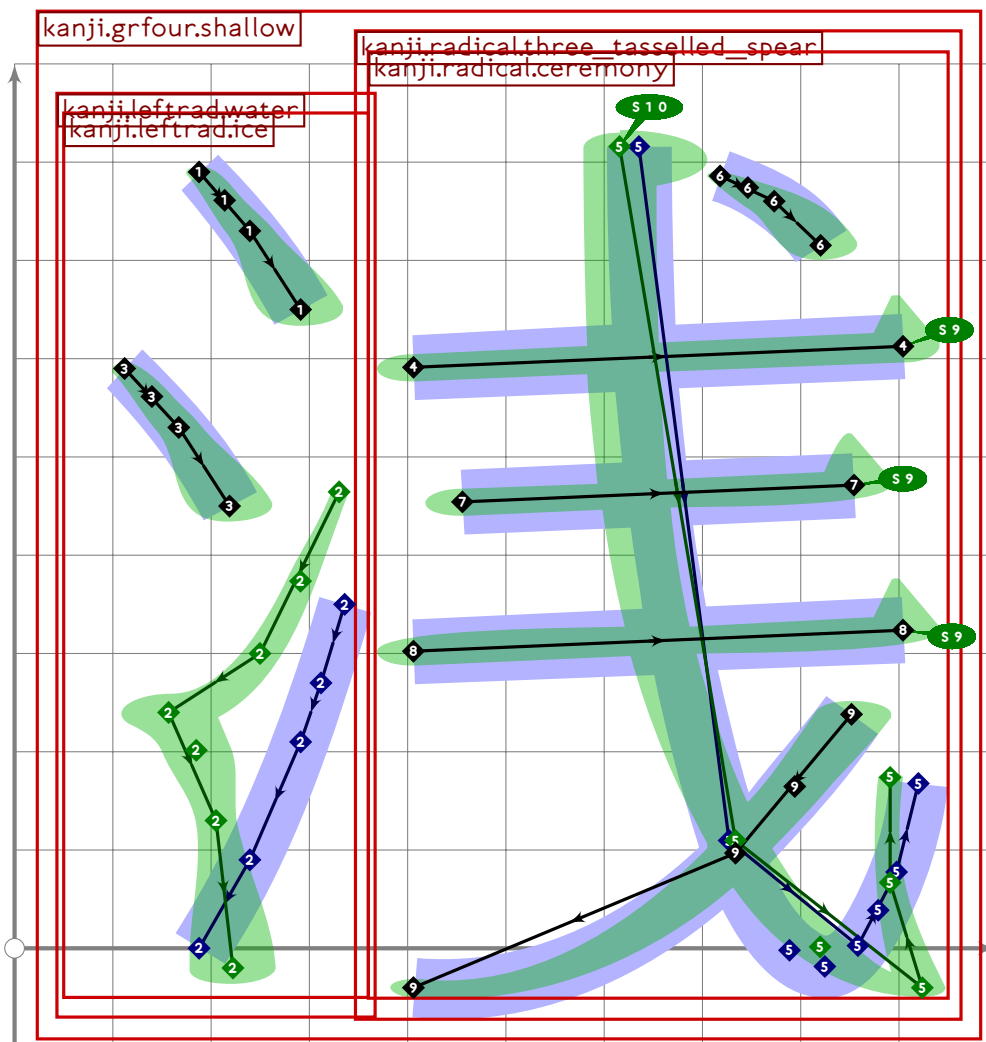



```

108
109 vardef kanji.grfour.bathe =
110   push__pbox__toexpand("kanji.grfour.bathe");
111   build__kanji.lr(360,20)
112     (kanji.leftrad.water)
113     (kanji.grtwo.valley);
114   expand__pbox;
115 enddef;

```

U+6D45
tsuku.uni6D45

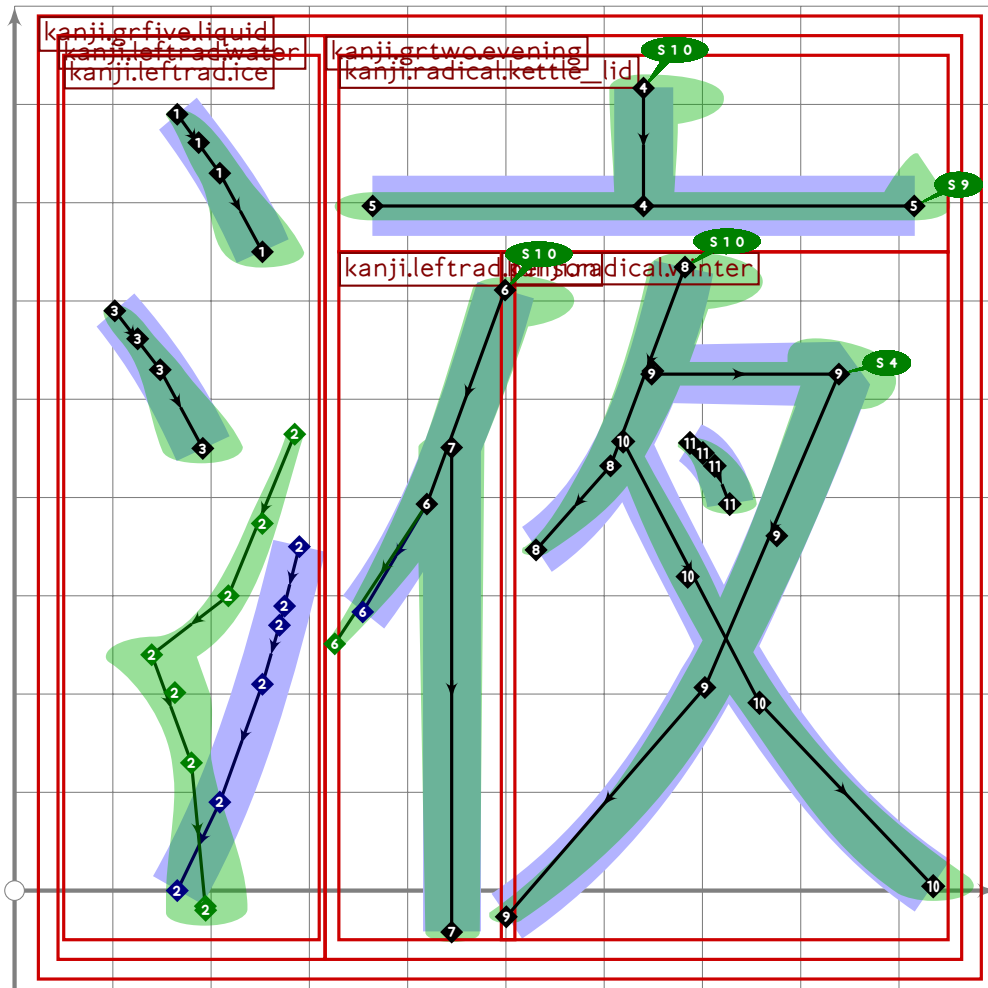


6D

```

116
117 vardef kanji.grfour.shallow =
118   push_pbox_toexpand("kanji.grfour.shallow");
119   build_kanji.lr(360,0)
120     (kanji.leftrad.water)
121     (build_kanji.sscale(yscaled 1.07 shifted (0,30))
122       (kanji.radical.three_tasselled_spear));
123   expand_pbox;
124 enddef;
125
126

```

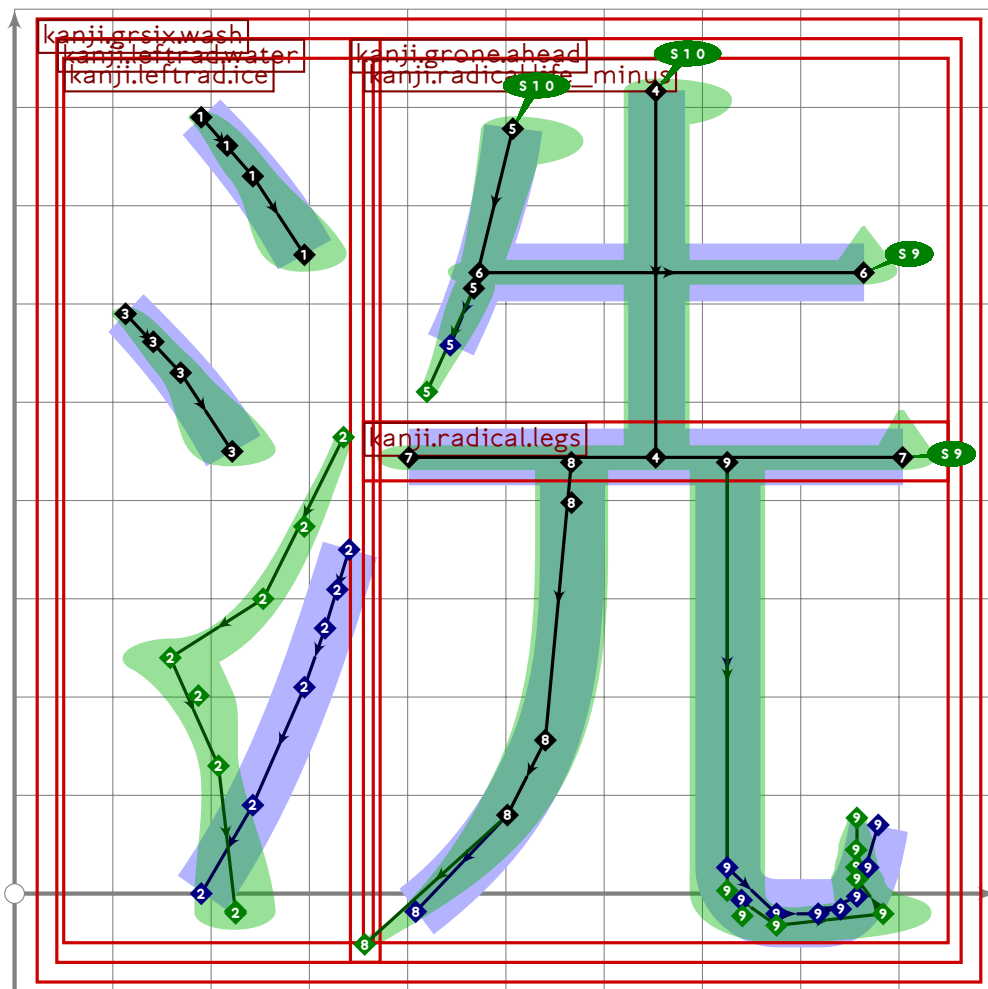


6D

```

127
128 vardef kanji.grfive.liquid =
129   push_pbox_toexpand("kanji.grfive.liquid");
130   build_kanji.lr(320,-20)
131     (kanji.leftrad.water)
132     (kanji.grtwo.evening);
133   expand_pbox;
134 enddef;
135
136

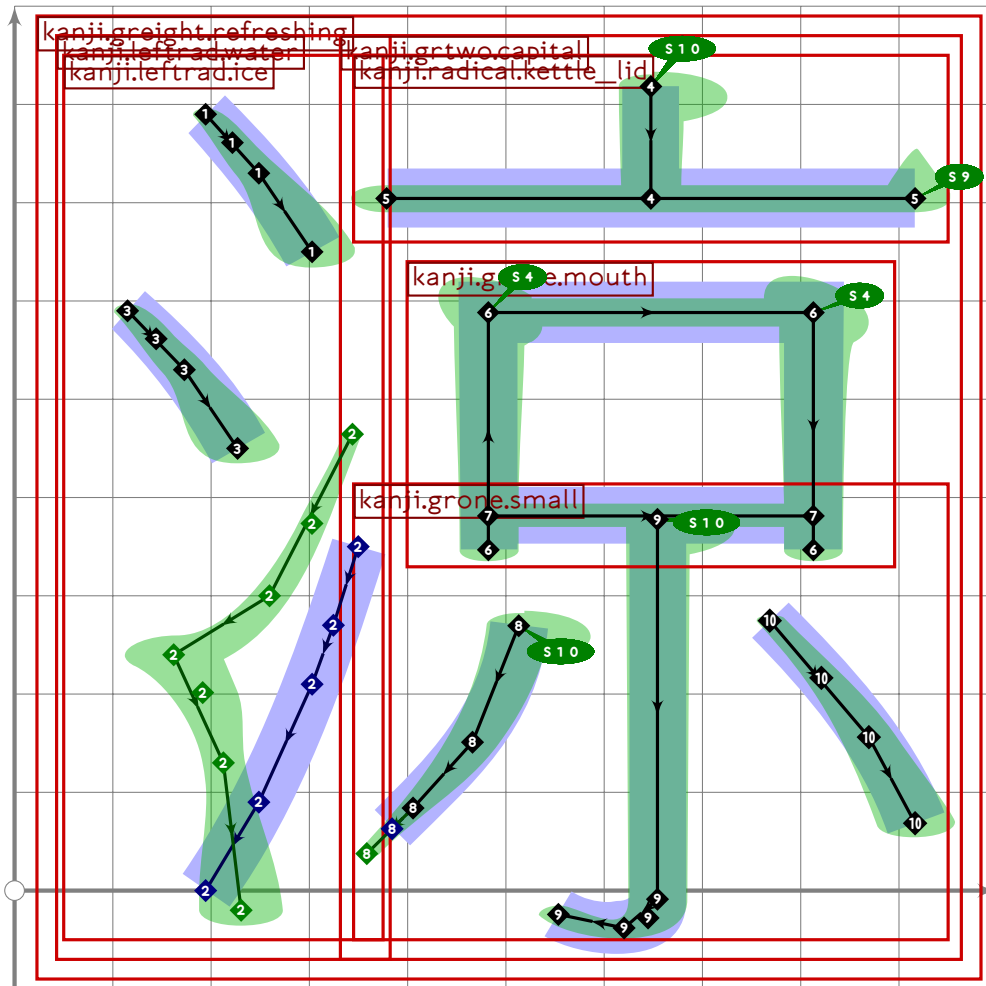
```



6D

```

137
138 vardef kanji.grsix.wash =
139   push_pbox_toexpand("kanji.grsix.wash");
140   build_kanji.lr(360,10)
141     (kanji.leftrad.water)
142     (kanji.grone.ahead);
143   expand_pbox;
144 enddef;
145
146
```



6D

```

147
148 vardef kanji.greight.refreshing =
149   push_pbox_toexpand("kanji.greight.refreshing");
150   build_kanji.lr(360,30)
151     (kanji.leftrad.water)
152     (kanji.grtwo.capital);
153   expand_pbox;
154 enddef;
155
156
157
158 % you "ocean"
159 beginsuglyph("uni6D0B",11);
160   kanji.grthree.ocean;
161   tsu_render;
162 endsuglyph;
163
164 % sen/ara "wash"
165 beginsuglyph("uni6D17",23);
166   kanji.grsix.wash;
167   tsu_render;

```

[see page 2430]

[see page 2434]

```

168 endtsuglyph;
169
170 % raku "Kyoto"
171 begintsuglyph("uni6D1B";27); [see page 789]
172 kanji.grnine.kyoto;
173 tsu_render;
174 endtsuglyph;
175
176 % katsu/i "correct"
177 begintsuglyph("uni6D3B";59); [see page 2426]
178 kanji.grtwo.vitality;
179 tsu_render;
180 endtsuglyph;
181
182 % ryuu/naga "current"
183 begintsuglyph("uni6D41";65); [see page 2428]
184 kanji.grthree.current;
185 tsu_render;
186 endtsuglyph;
187
188 % sen/asa "shallow"
189 begintsuglyph("uni6D45";69); [see page 2432]
190 kanji.grfour.shallow;
191 tsu_render;
192 endtsuglyph;
193
194 % yoku/a "bathe"
195 begintsuglyph("uni6D74";116); [see page 2431]
196 kanji.grfour.bathe;
197 tsu_render;
198 endtsuglyph;
199
200 % kai/umi "ocean"
201 begintsuglyph("uni6D77";119); [see page 2425]
202 kanji.grtwo.ocean;
203 tsu_render;
204 endtsuglyph;
205
206 % shou/ki "cancel"
207 begintsuglyph("uni6D88";136); [see page 2427]
208 kanji.grthree.cancel;
209 tsu_render;
210 endtsuglyph;
211
212 % eki "liquid"
213 begintsuglyph("uni6DB2";178); [see page 2433]
214 kanji.grfive.liquid;
215 tsu_render;

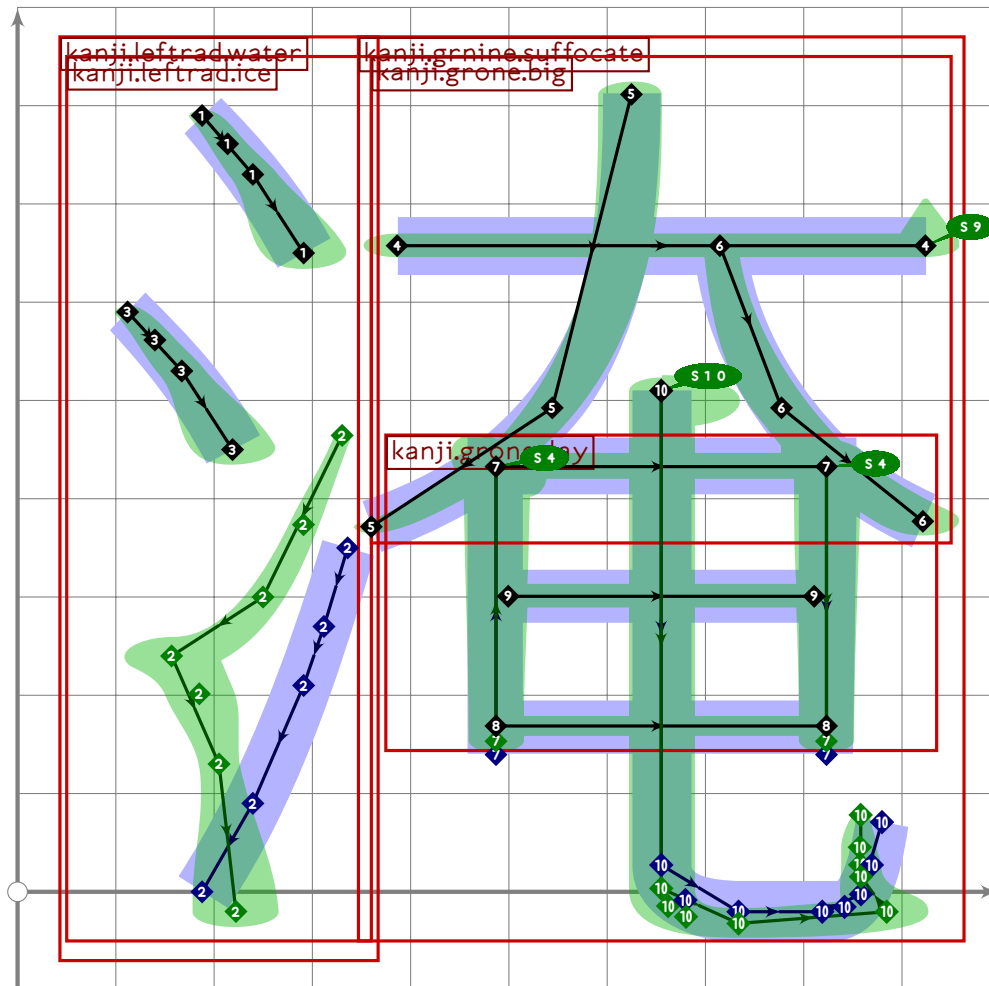
```

```

216 endtsuglyph;
217
218 % ryou/suzu "refreshing"
219 begintsuglyph("uni6DBC";188);
220   kanji.graight.refreshing;
221   tsu_render;
222 endtsuglyph;
223

```

[see page 2435]



```

224 % extra en/i "soak" (in particular, making tea or coffee)
225 begintsuglyph("uni6DF9";249);
226   build_kanji.lr(360,0)
227     (kanji.leftrad.water)
228     (kanji.grnine.suffocate);
229   tsu_render;
230 endtsuglyph;
231
232 % shin/fuka "deep"
233 begintsuglyph("uni6DF1";241);
234   kanji.grthree.deep;
235   tsu_render;
236 endtsuglyph;

```

[see page 2429]

237

238

239

240 endfont;

241

242

tsuku-6e.mp

```
1 %
2 % Unicode page 6E (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

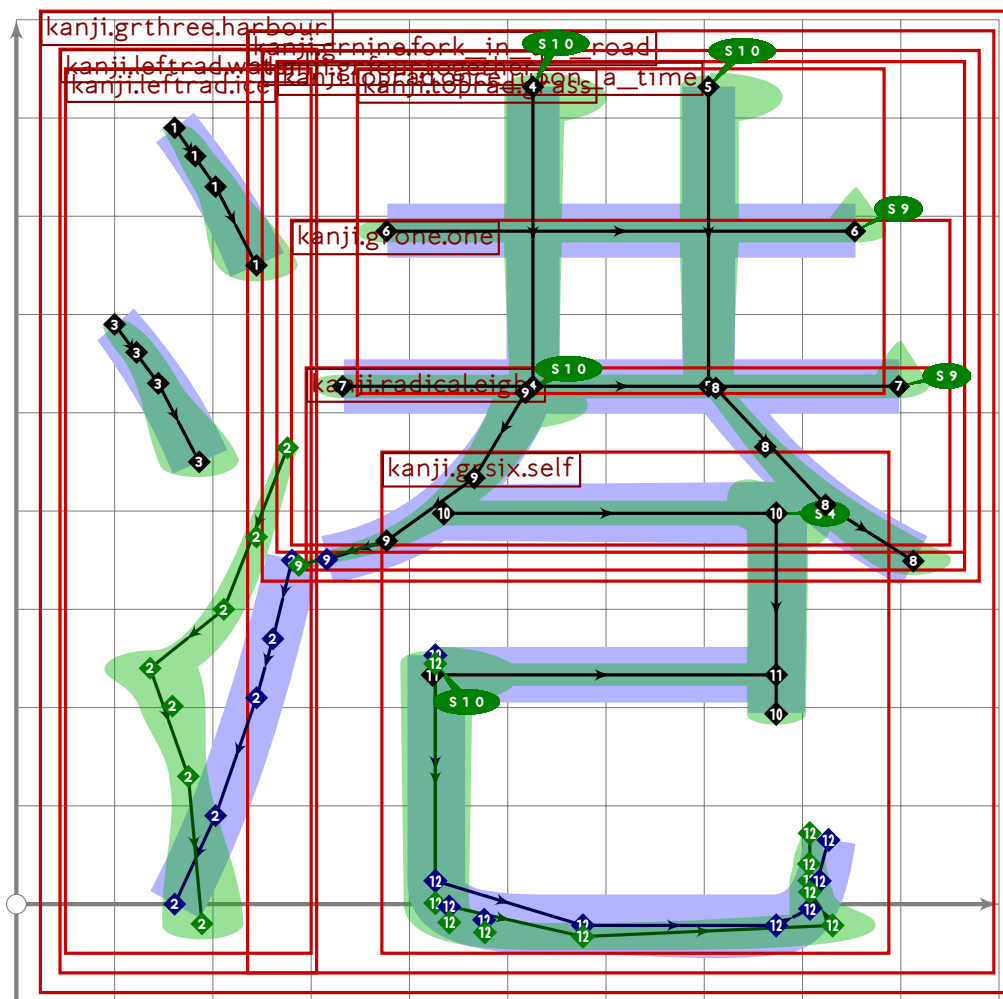
---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input 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+6E2F
tsuku.uni6E2F

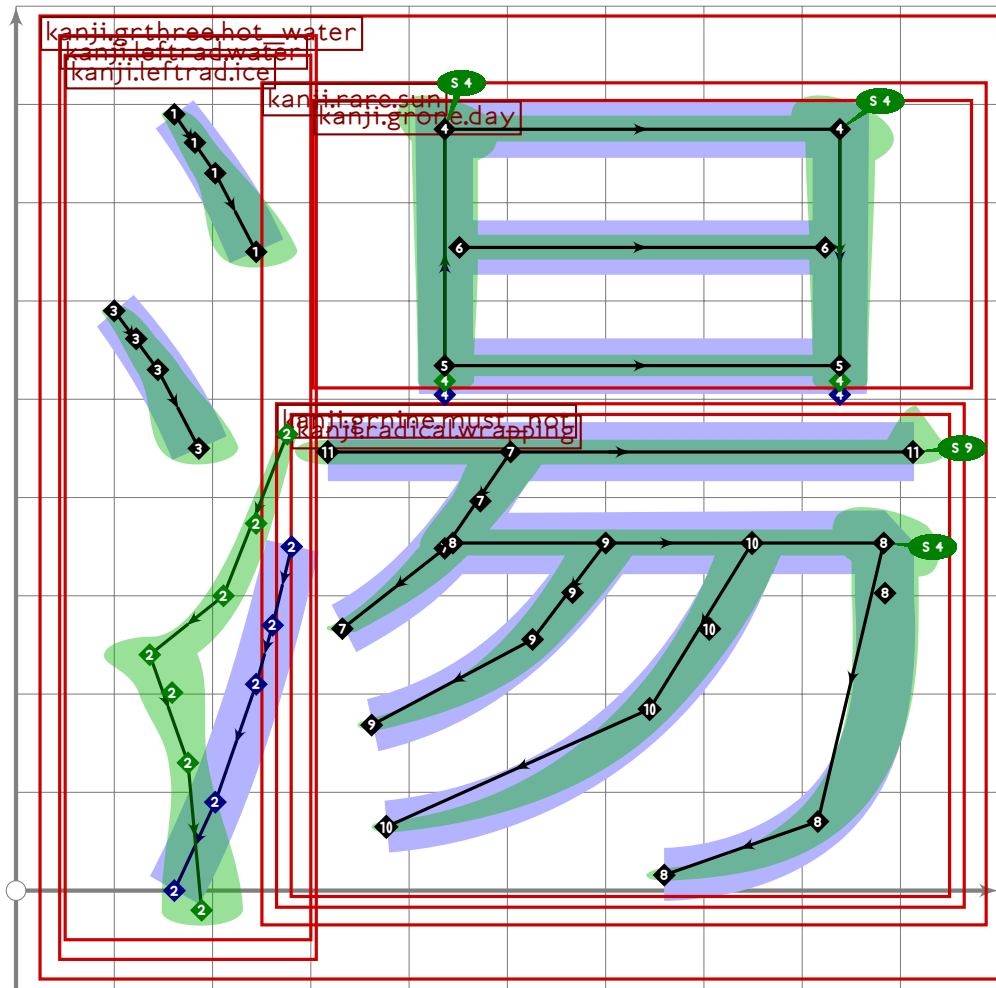


```

55
56 vardef kanji.grthree.harbour =
57   push_pbox_toexpand("kanji.grthree.harbour");
58   build_kanji.lr(290,20)
59   (kanji.leftrad.water)
60   (kanji.grnine.fork_in_the_road);
61   expand_pbox;
62 enddef;

```

6E

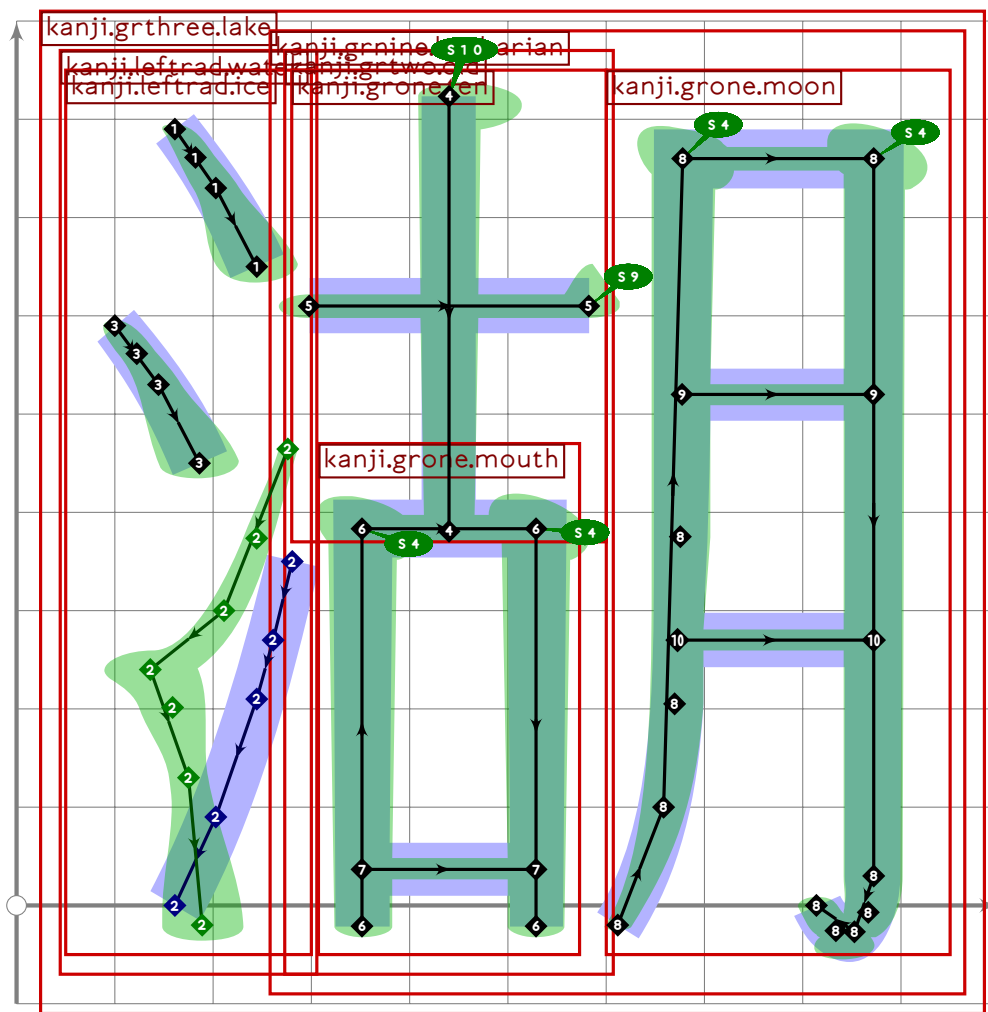


```

63
64 vardef kanji.grthree.hot_water =
65   push_pbox_toexpand("kanji.grthree.hot_water");
66   build_kanji.lr(290,20)
67   (kanji.leftrad.water)
68   (build_kanji.sscale(yscaled 0.9)(kanji.rare.sun));
69   expand_pbox;
70 enddef;

```

U+6E56
tsuku.uni6E56

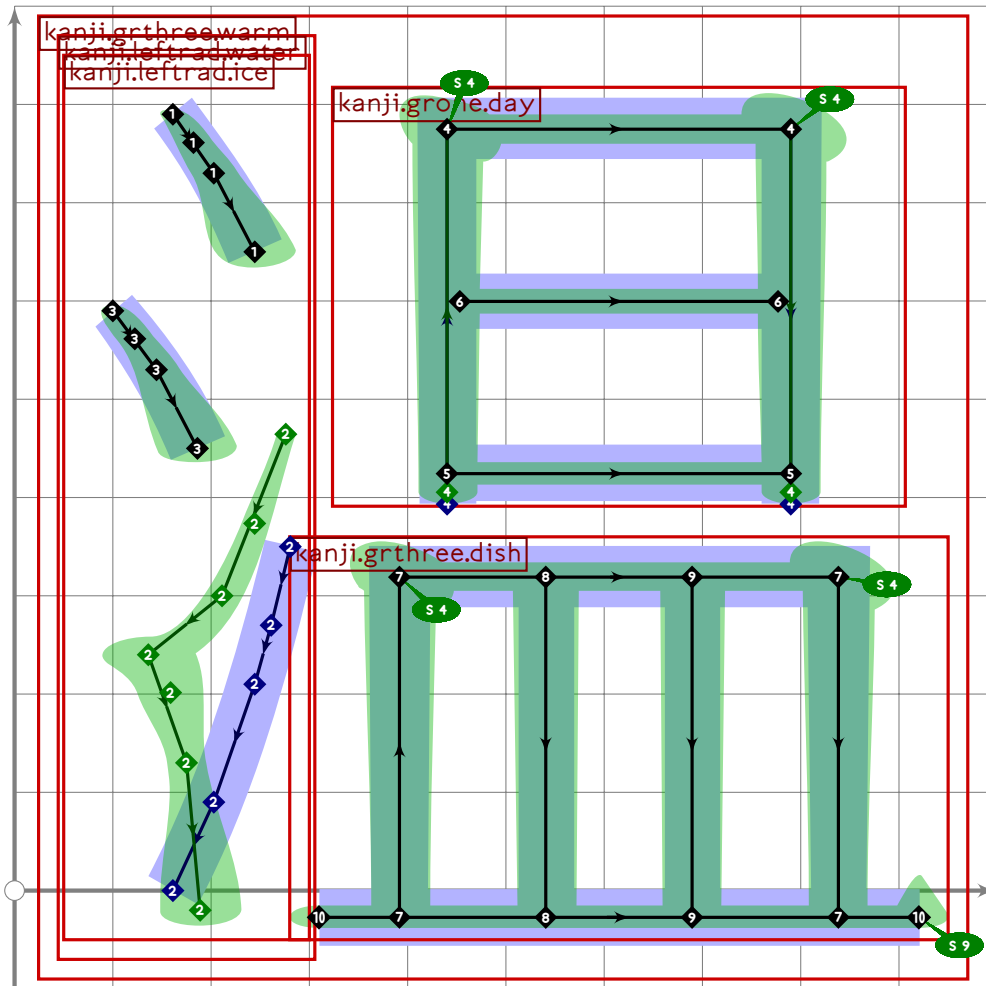


6E

```

71
72 vardef kanji.grthree.lake =
73   push_pbox_toexpand("kanji.grthree.lake");
74   build_kanji.lr(290,20)
75     (kanji.leftrad.water)
76     (kanji.grnine.barbarian);
77   expand_pbox;
78 enddef;

```

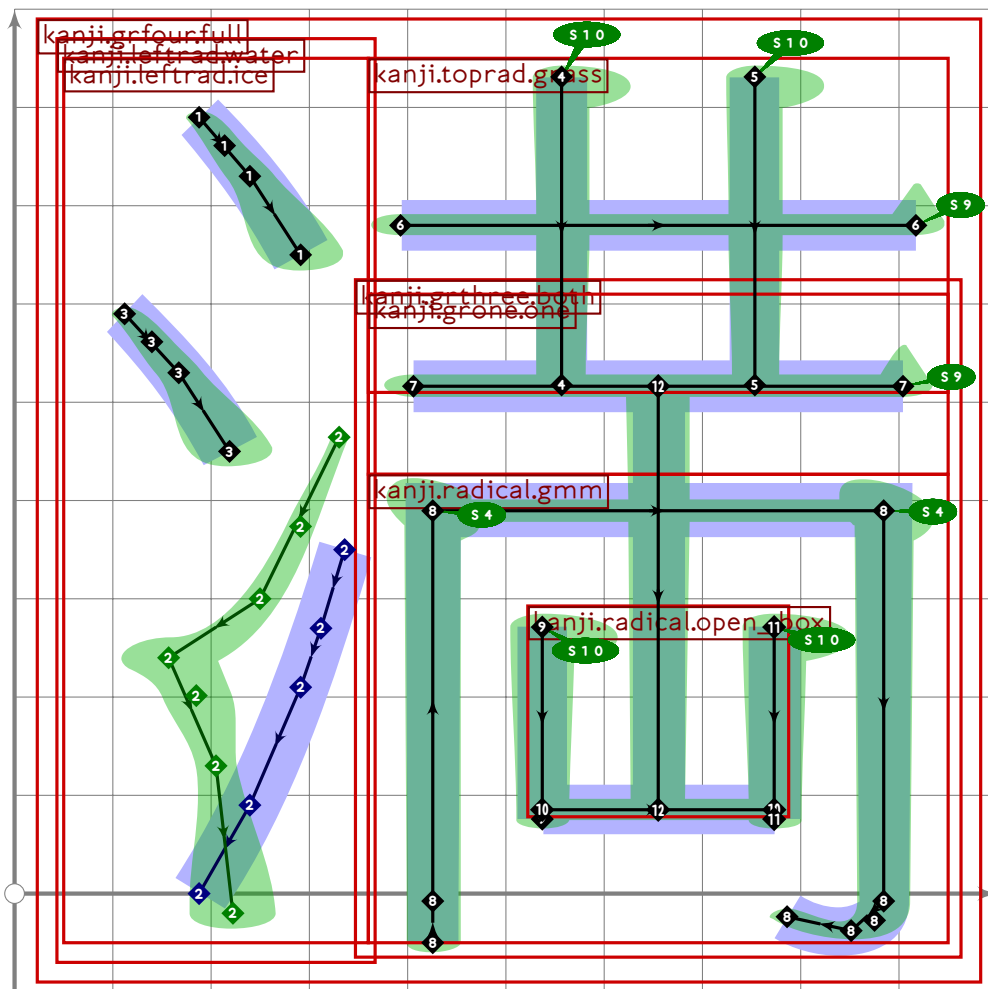


```

79
80 vardef kanji.grthree.warm =
81   push_pbox_toexpand("kanji.grthree.warm");
82   build_kanji.lr(290,20)
83     (kanji.leftrad.water)
84     (build_kanji.level(build_kanji.tb(360,0)
85       (build_kanji.sscale(scaled 0.87)(kanji.grone.day))
86       (kanji.grthree.dish)));
87   expand_pbox;
88 enddef;
89
90

```

U+6E80
tsuku.uni6E80

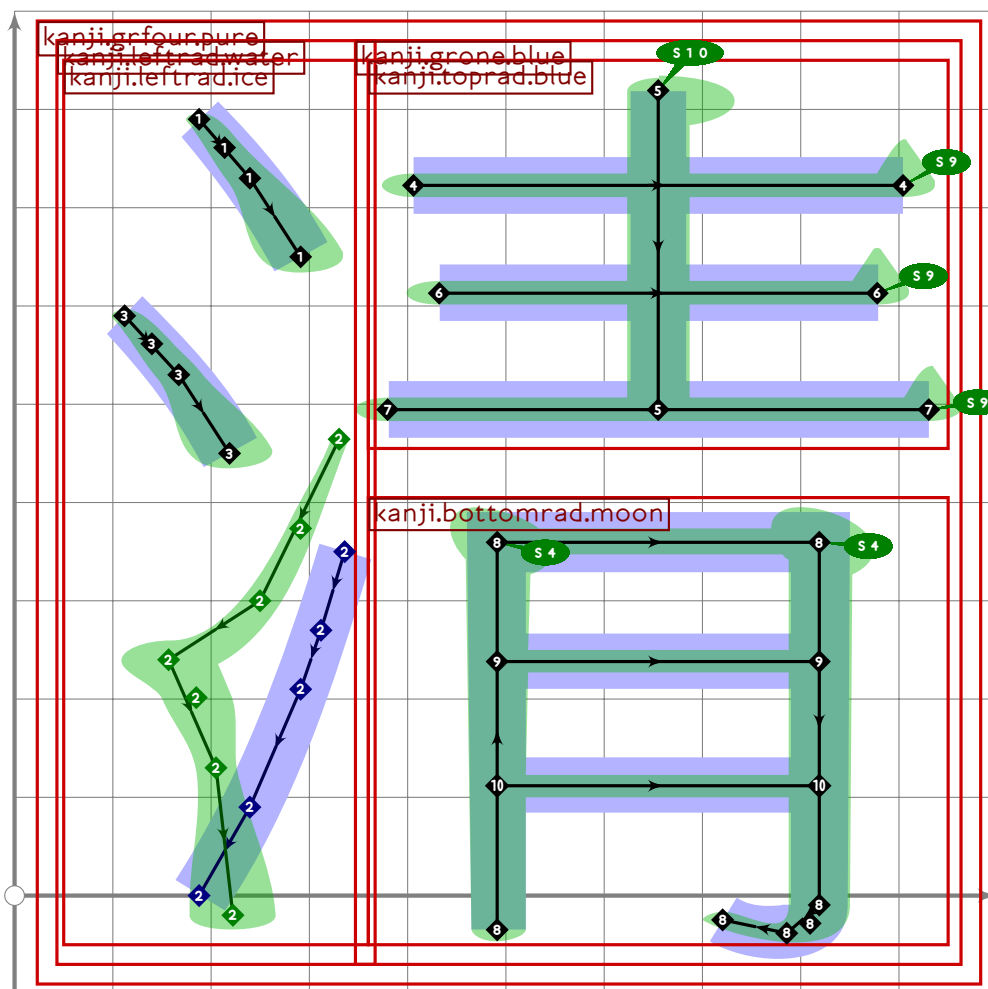


6E

```

91
92 vardef kanji.grfour.full =
93   push_pbox_toexpand("kanji.grfour.full");
94   build_kanji.lr(360,0)
95     (kanji.leftrad.water)
96     (build_kanji.level(build_kanji.tb(560,100)
97       (kanji.toprad.grass)
98       (kanji.grthree.both)));
99   expand_pbox;
100 enddef;

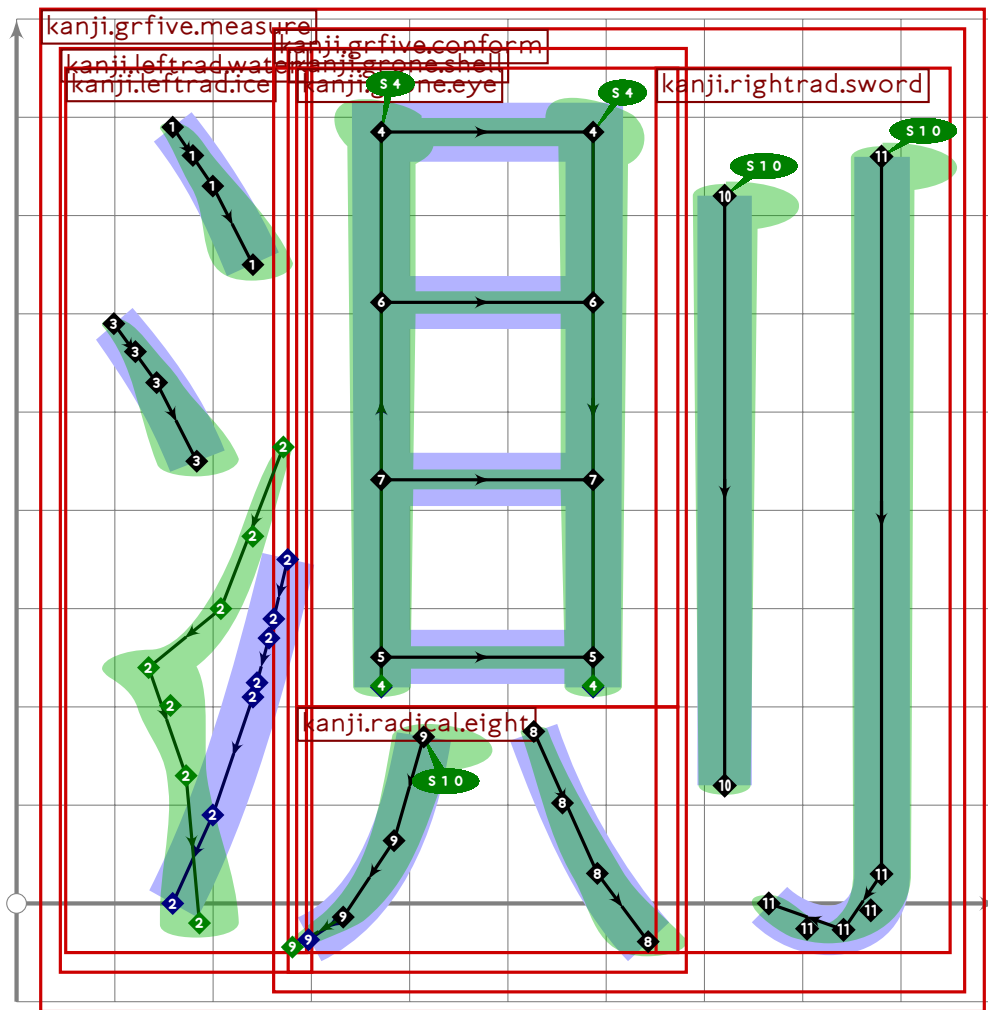
```



```

101
102 vardef kanji.grfour.pure =
103   push_pbox_toexpand("kanji.grfour.pure");
104   build_kanji.lr(360,0)
105     (kanji.leftrad.water)
106     (kanji.grone.blue);
107   expand_pbox;
108 enddef;
109
110
```

U+6E2C
tsuku.uni6E2C

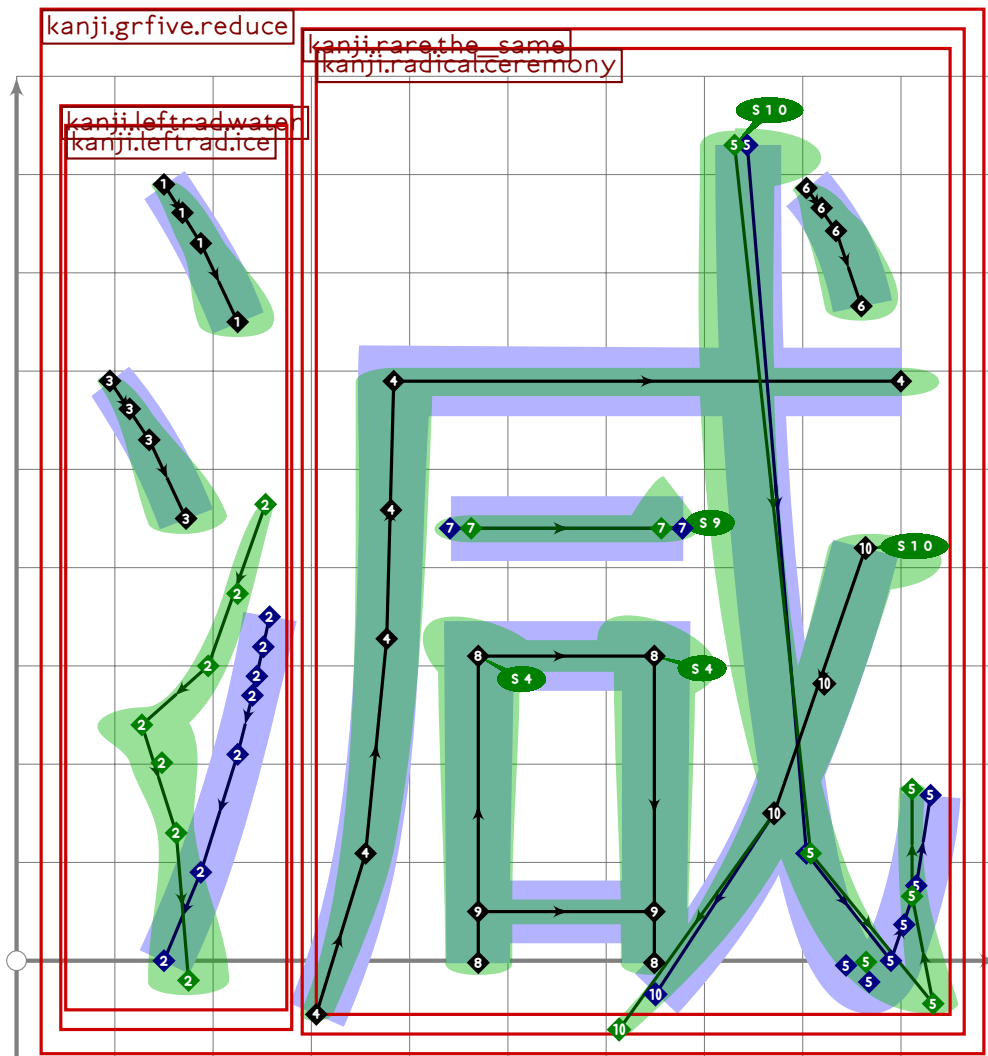


6E

```

111
112 vardef kanji.grfive.measure =
113   push_pbox_toexpand("kanji.grfive.measure");
114   build_kanji.lr(290,10)
115     (kanji.leftrad.water)
116     (kanji.grfive.conform);
117   expand_pbox;
118 enddef;

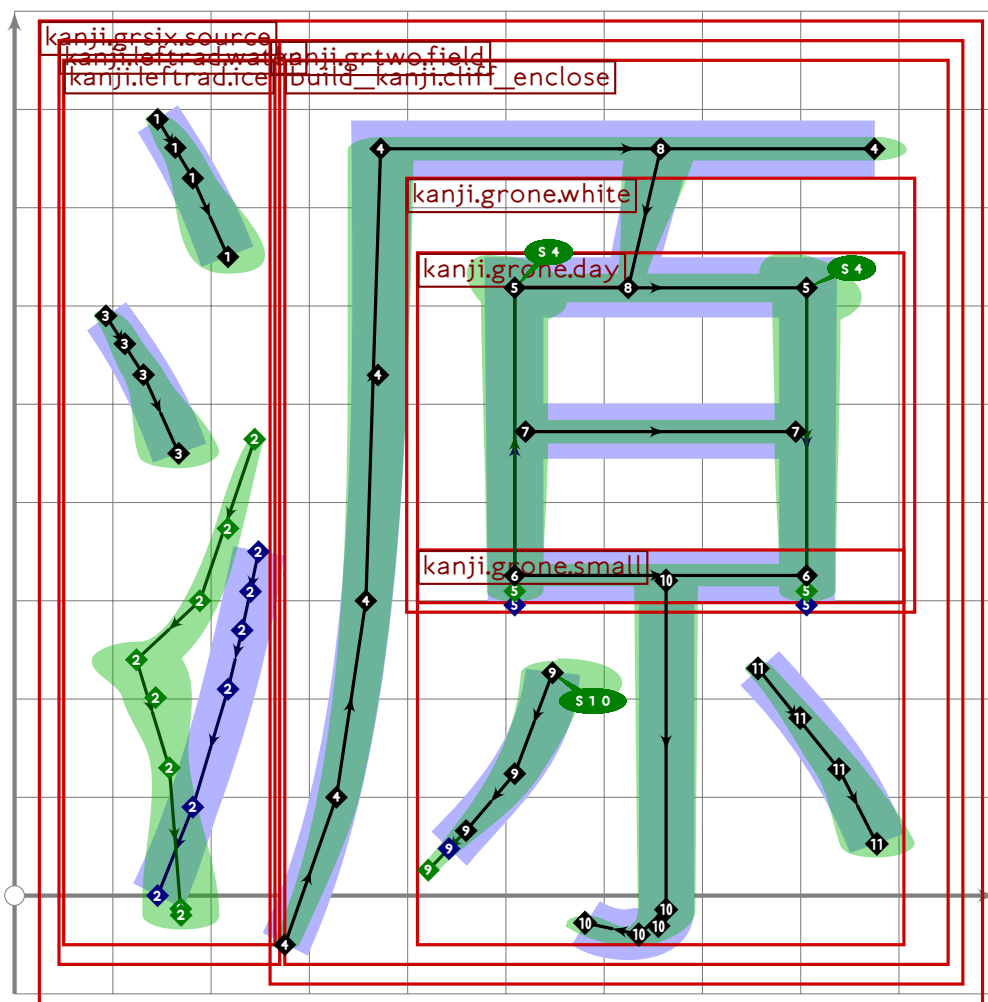
```

```

119
120 vardef kanji.grfive.reduce =
121   push_pbox_toexpand("kanji.grfive.reduce");
122   build_kanji.lr(290;30)
123     (kanji.leftrad.water)
124     (kanji.rare.the_same);
125   expand_pbox;
126 enddef;
127
128
```

U+6E90
tsuku.uni6E90

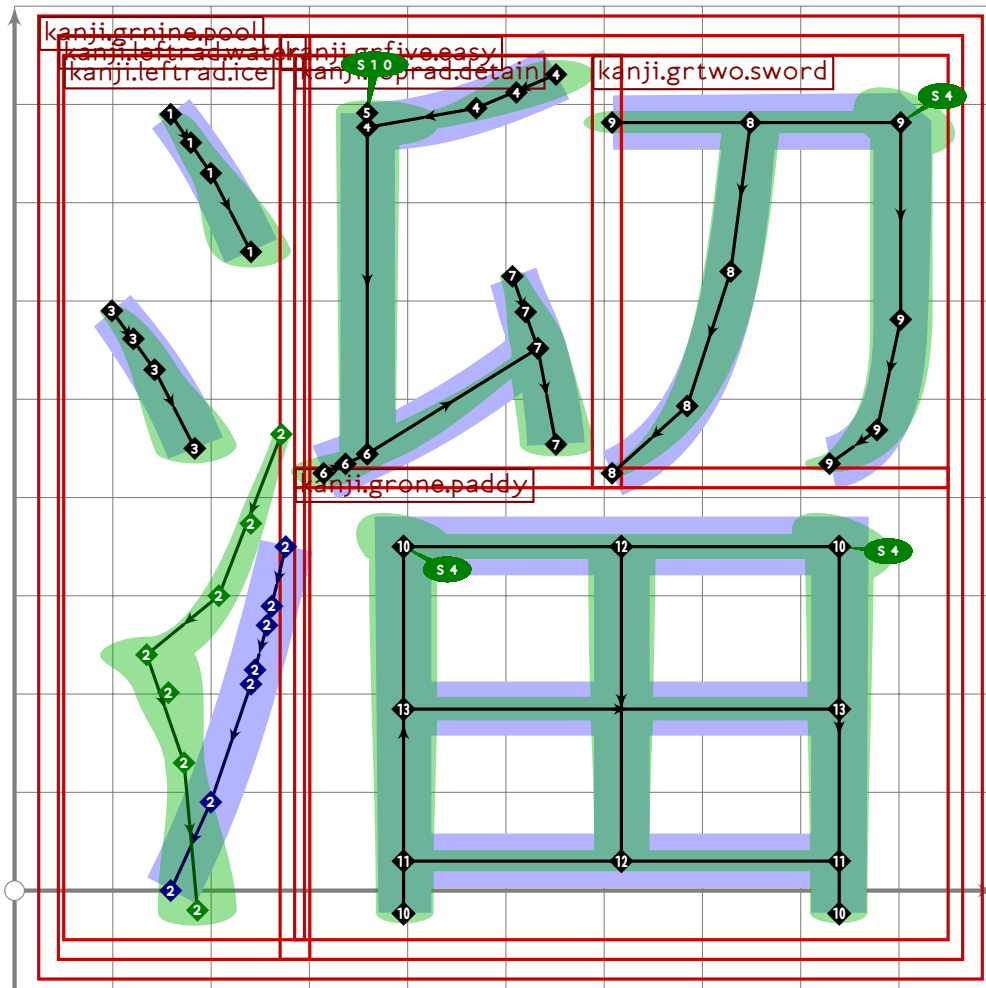


6E

```

129
130 vardef kanji.grsix.source =
131   push_pbox_toexpand("kanji.grsix.source");
132   build_kanji.lr(270,-10)
133     (kanji.leftrad.water)
134     (kanji.grtwo.field);
135   expand_pbox;
136 enddef;
137
138

```



```

139
140 vardef kanji.grnine.pool =
141   push_pbox_toexpand("kanji.grnine.pool");
142   build_kanji.lr(290,10)
143   (kanji.leftrad.water)
144   (kanji.grfive.detain);
145   expand_pbox;
146 enddef;
147
148
149
150 % sei/kiyo "pure"
151 begintsuglyph("uni6E05";5);
152 kanji.grfour.pure;
153 tsu_render;
154 endtsuglyph;
155
156 % gen/he "reduce"
157 begintsuglyph("uni6E1B";27);
158 kanji.grfive.reduce;
159 tsu_render;

```

[see page 2445]

[see page 2447]

```

160 endtsuglyph;
161
162 % on/atata "warm"
163 begintsuglyph("uni6E29";41);
164   kanji.grthree.warm;
165   tsu_render;
166 endtsuglyph;
167
168 % soku/haka "measure"
169 begintsuglyph("uni6E2C";44);
170   kanji.grfive.measure;
171   tsu_render;
172 endtsuglyph;
173
174 % kou/minato "harbour"
175 begintsuglyph("uni6E2F";47);
176   kanji.grthree.harbour;
177   tsu_render;
178 endtsuglyph;
179
180 % tou/yu "hot water"
181 begintsuglyph("uni6E6F";111);
182   kanji.grthree.hot_water;
183   tsu_render;
184 endtsuglyph;
185
186 % ko/mizuumi "lake"
187 begintsuglyph("uni6E56";86);
188   kanji.grthree.lake;
189   tsu_render;
190 endtsuglyph;
191

```

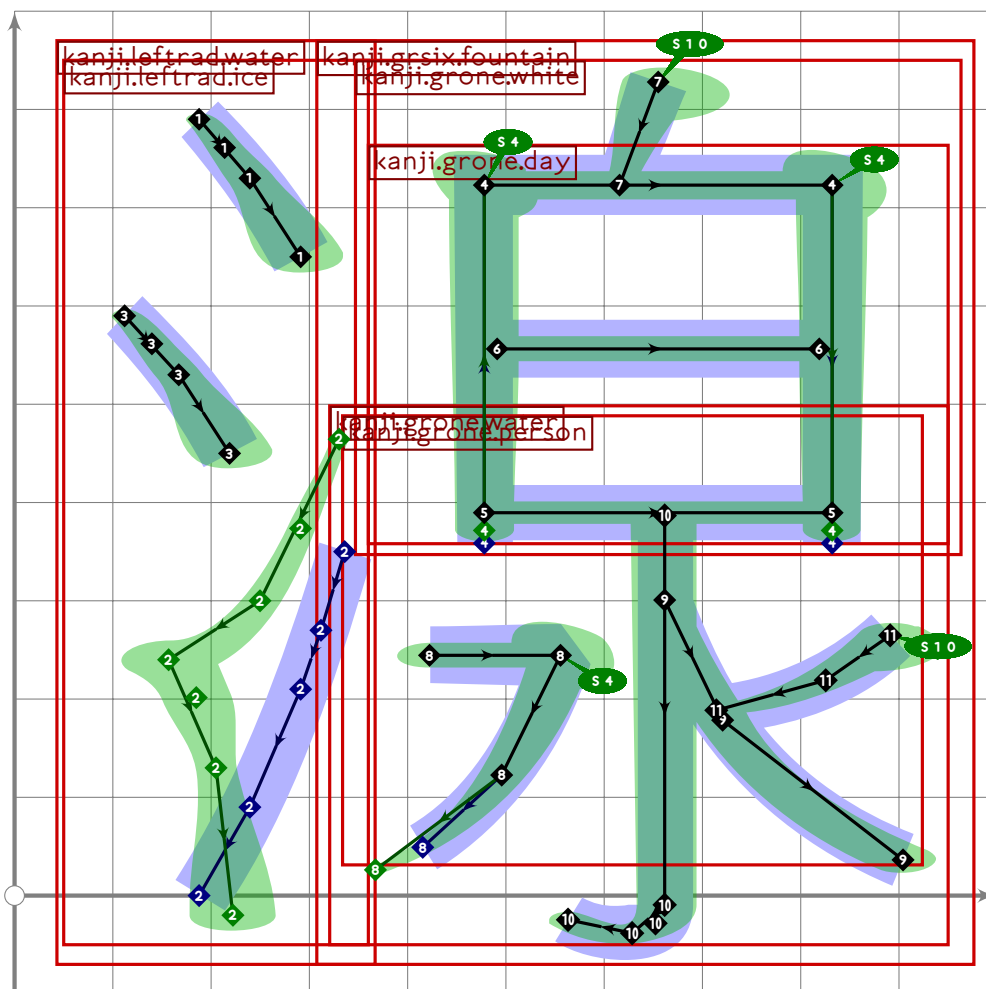
[see page 2443]

[see page 2446]

[see page 2440]

[see page 2441]

[see page 2442]



```

192 % extra
193 begintsuglyph("uni6E76";118);
194   build_kanji.lr(360,0)
195     (kanji.leftrad.water)
196     (kanji.grsix.fountain);
197   tsu_render;
198 endtsuglyph;
199
200 % man/mi "full"
201 begintsuglyph("uni6E80";128);
202   kanji.grfour.full;
203   tsu_render;
204 endtsuglyph;
205
206 % gen/minamoto "source" (also "gen" as in "Genji Monogatari")
207 begintsuglyph("uni6E90";144);
208   kanji.grsix.source;
209   tsu_render;
210 endtsuglyph;
211
212 % ryuu/ta "pool" or "collect"

```

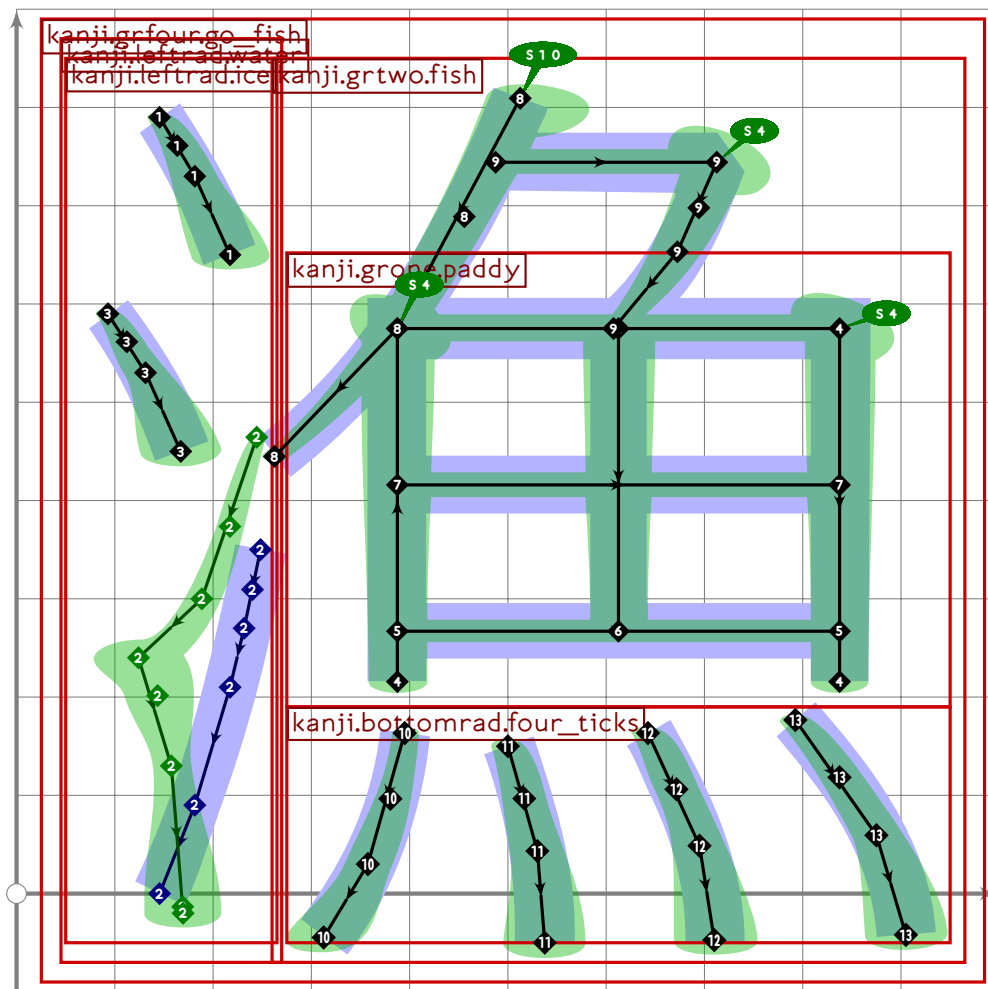
[see page 2444]

[see page 2448]

```
213 begintsuglyph("uni6E9C",156); [see page 2449]
214   kanji.grnine.pool;
215   tsu_render;
216 endtsuglyph;
217
218 _____
219
220 endfont;
221
222 _____
```

tsuku-6f.mp

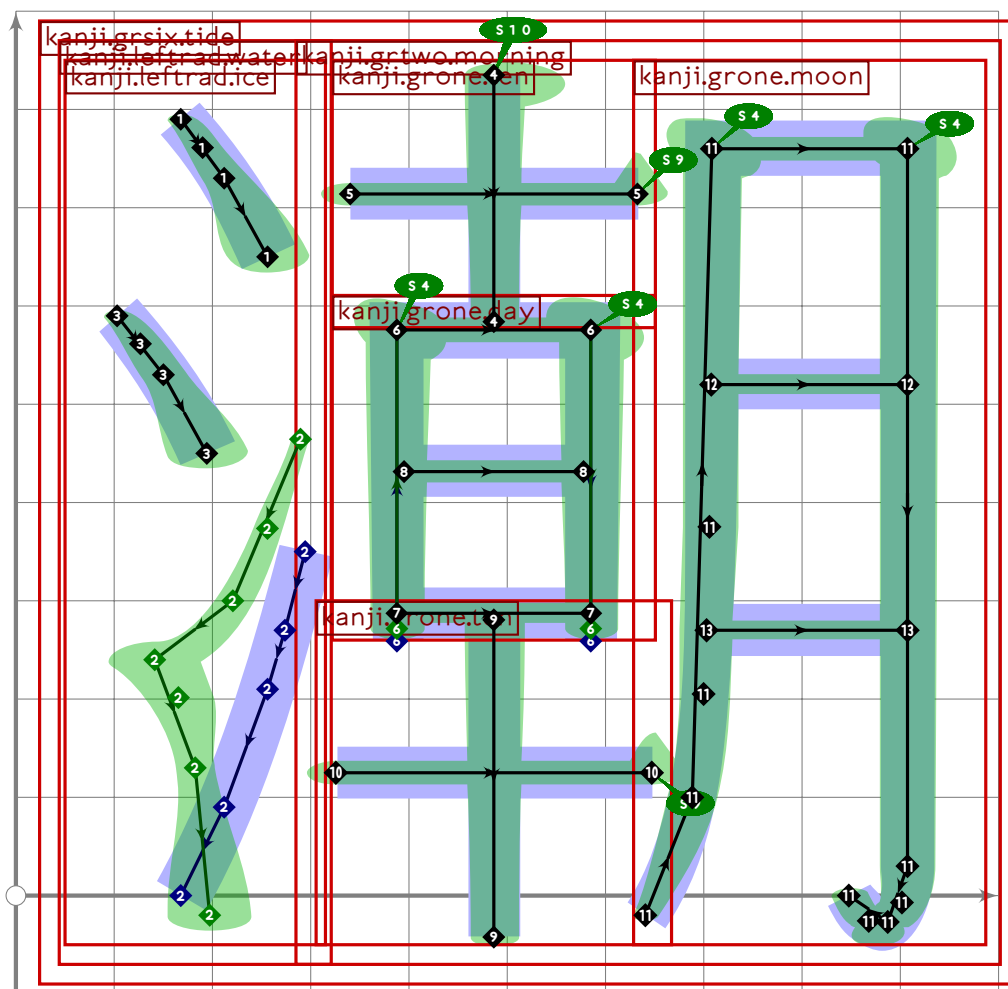
```
1 %
2 % Unicode page 6F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradefour.mp;
39 input gradeone.mp;
40 input gradetwo.mp;
41 input leftrad.mp;
42 input toprad.mp;
43
44 do_late_includes;
45
46
```



```

47
48 vardef kanji.grfour.go_fish =
49   push_pbox_toexpand("kanji.grfour.go_fish");
50   build_kanji.lr(270,-10)
51     (kanji.leftrad.water)
52     (kanji.grtwo.fish);
53   expand_pbox;
54 enddef;
55
56

```

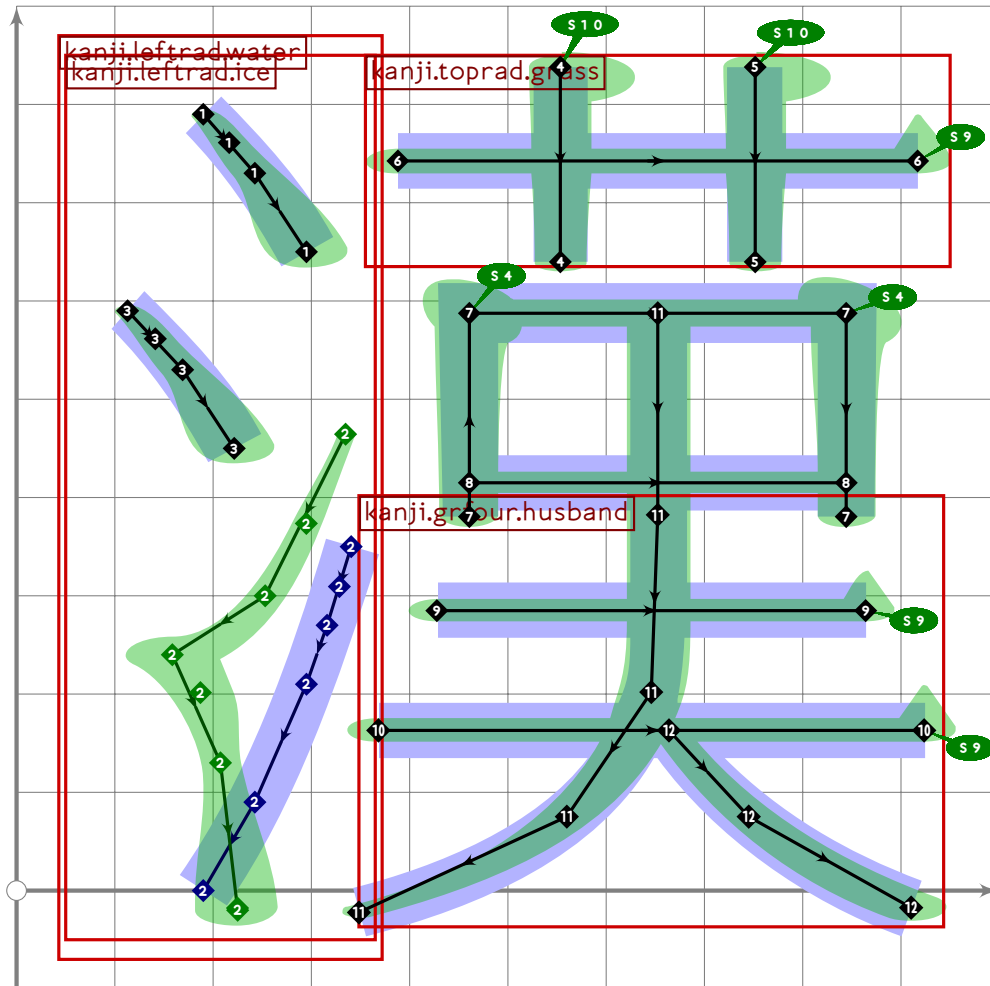
```

57
58 vardef kanji.grsix.tide =
59   push_pbox_toexpand("kanji.grsix.tide");
60   build_kanji.lr(300,30)
61     (kanji.leftrad.water)
62     (kanji.grtwo.morning);
63   expand_pbox;
64 enddef;
65
66
67
68 % gyo/asa "go fish"
69 begint Suglyph("uni6F01",1);
70   kanji.grfour.go_fish;
71   tsu_render;
72 endtsuglyph;
73

```

[see page 2454]

U+6F22
tsuku.uni6F22



```

74 % kan "Chinese"
75 begintsuglyph("uni6F22";34);
76   build_kanji.level(build_kanji.lr(360,10)
77     (kanji.leftrad.water)
78     (build_kanji.tb(630,-10)
79       (kanji.toprad.grass)
80       (build_kanji.box((210,800),(790,570));
81       tsu_xform(identity yscaled 0.65 shifted (-10,0))
82       (kanji.grfour.husband);
83       replace_strokep(-1)((500,800)-oldp);
84       replace_strokeq(-1)((1.6,1.6)-oldq);
85       set_boserif(-1,0,whatever))));
86   tsu_render;
87 endsuglyph;
88
89 % chou/shio "tide" (or "opportunity")
90 begintsuglyph("uni6F6E";110);
91   kanji.grsix.tide;
92   tsu_render;
93 endsuglyph;
94

```

[see page 2455]

```
95 

---

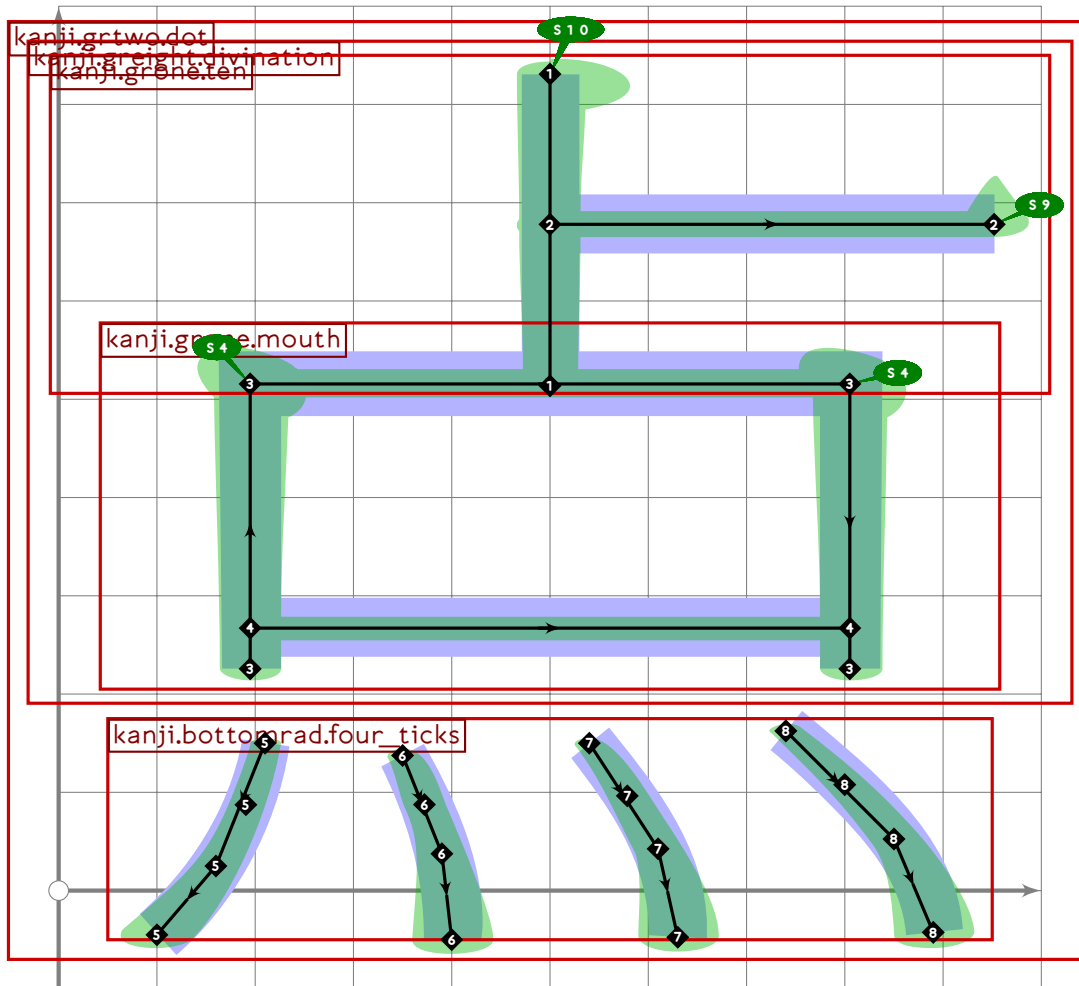

96
97 endfont;
98
99 

---


```

tsuku-70.mp

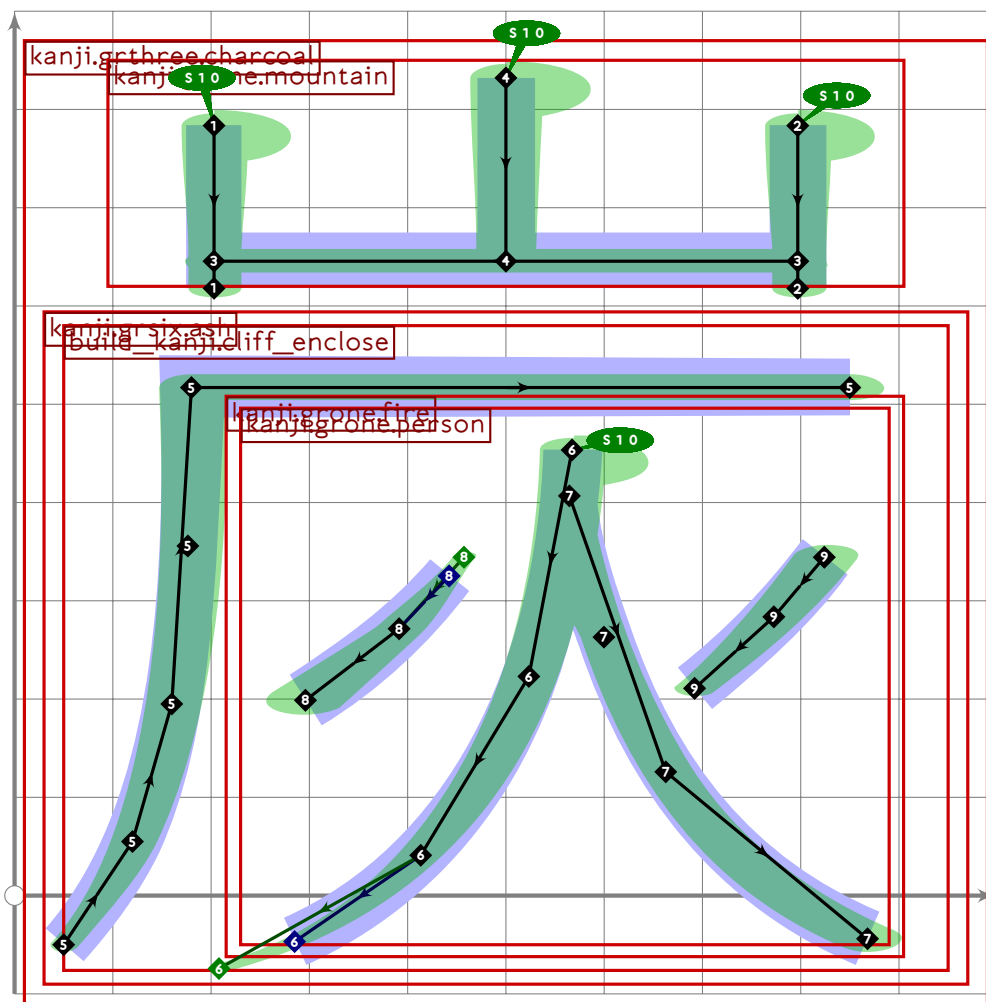
```
1 %
2 % Unicode page 70 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input bottomrad.mp;
38 input buildkanji.mp;
39 input gradeeight.mp;
40 input gradeone.mp;
41 input gradethree.mp;
42 input leftrad.mp;
43
44 do_late_includes;
45
46
47
```



```

48 % "point" is a reserved word
49 vardef kanji.grtwo.dot =
50   push_pbox_toexpand("kanji.grtwo.dot");
51   build_kanji.tb(190,-30)
52     (build_kanji.sscale(xscaled 1.13)
53       (kanji.greight.divination))
54     (kanji.bottomrad.four_ticks);
55   expand_pbox;
56 enddef;
57
58

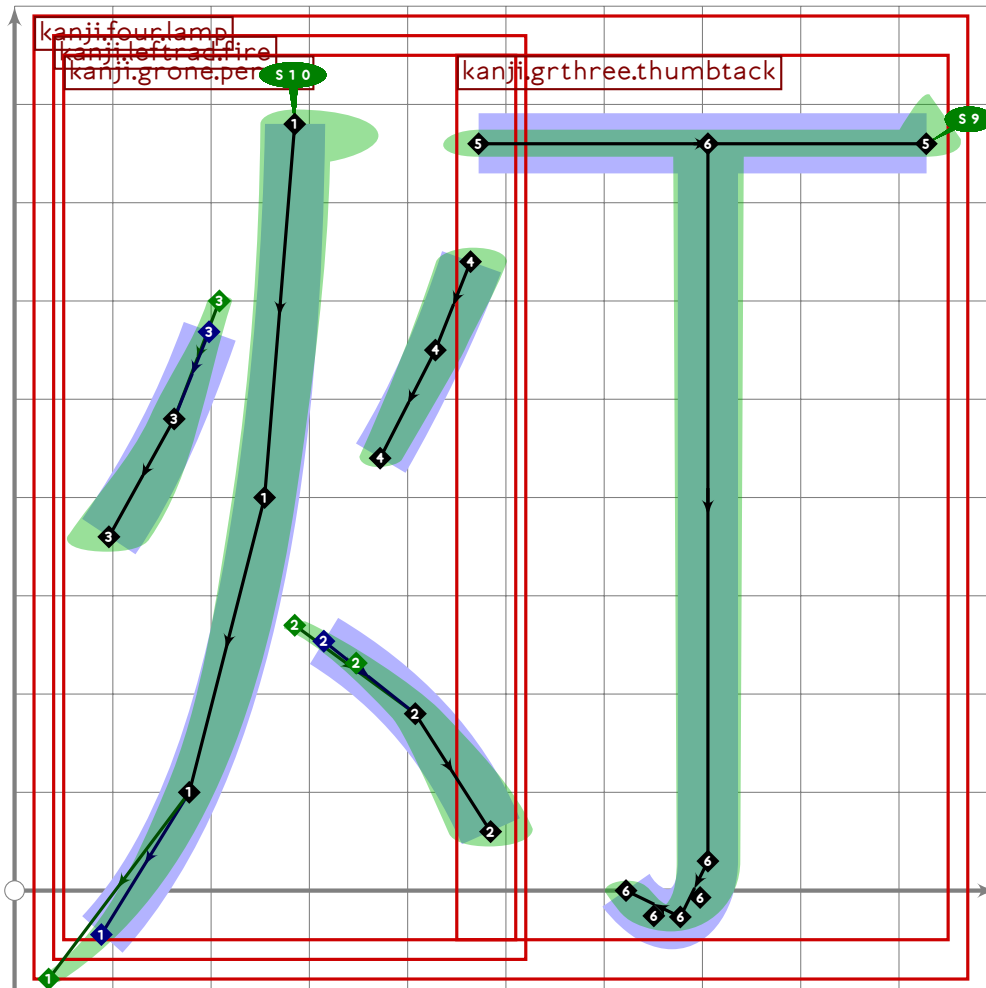
```



```

59
60 vardef kanji.grthree.charcoal =
61   push_pbox_toexpand("kanji.grthree.charcoal");
62   build_kanji.level(build_kanji.tb(600,-40)
63     (build_kanji.sscale(xscaled 0.9)(kanji.grone.mountain))
64     (kanji.grsix.ash));
65   expand_pbox;
66 enddef;
67
68

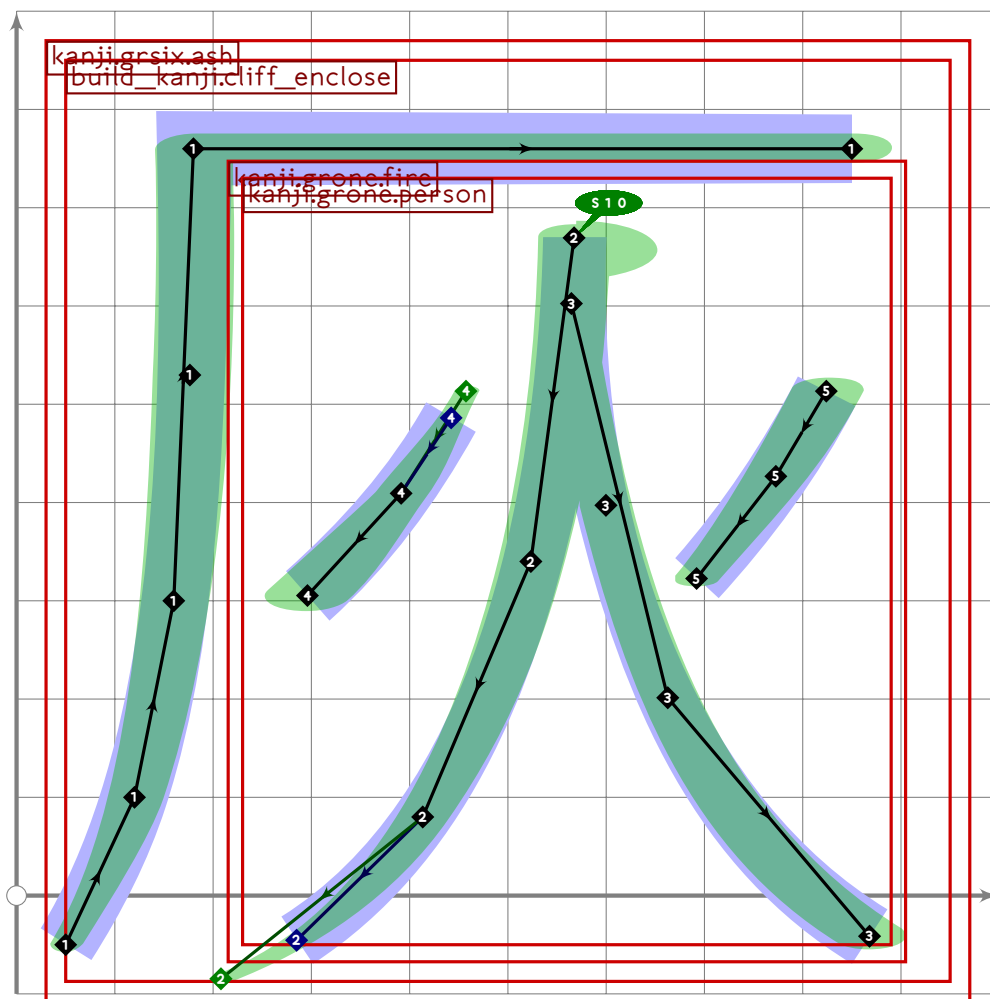
```



```

69
70 vardef kanji.grfour.lamp =
71   push_pbox_toexpand("kanji.four.lamp");
72   build_kanji.level(build_kanji.lr(480,60)
73     (kanji.leftrad.fire)
74     (kanji.grthree.thumbtack));
75   expand_pbox;
76 enddef;
77
78

```



```

79
80 vardef kanji.grsix.ash =
81   push_pbox_toexpand("kanji.grsix.ash");
82   build_kanji.cliff_enclose(kanji.grone.fire);
83   expand_pbox;
84 enddef;
85
86
87
88 % hi/ka "fire"
89 beginsuglyph("uni706B";107);
90   kanji.grone.fire;
91   tsu_render;
92 endtsuglyph;
93
94 % tou/hi "lamp"
95 beginsuglyph("uni706F";111);
96   kanji.grfour.lamp;
97   tsu_render;
98 endtsuglyph;
99

```

[see page 434]

[see page 2461]

100 % kai/hai "ash"	
101 begintsuglyph("uni7070";112);	[see page 2462]
102 kanji.grsix.ash;	
103 tsu_render;	
104 endtsuglyph;	
105	
106 % en/honoo "inflammation"	
107 begintsuglyph("uni708E";142);	[see page 755]
108 kanji.greight.inflammation;	
109 tsu_render;	
110 endtsuglyph;	
111	
112 % tan/sumi "charcoal"	
113 begintsuglyph("uni70AD";173);	[see page 2460]
114 kanji.grthree.charcoal;	
115 tsu_render;	
116 endtsuglyph;	
117	
118 % ten/tsu "point"	
119 begintsuglyph("uni70B9";185);	[see page 2459]
120 kanji.grtwo.dot;	
121 tsu_render;	
122 endtsuglyph;	
123	
124	
125	
126 endfont;	
127	
128	

tsuku-71.mp

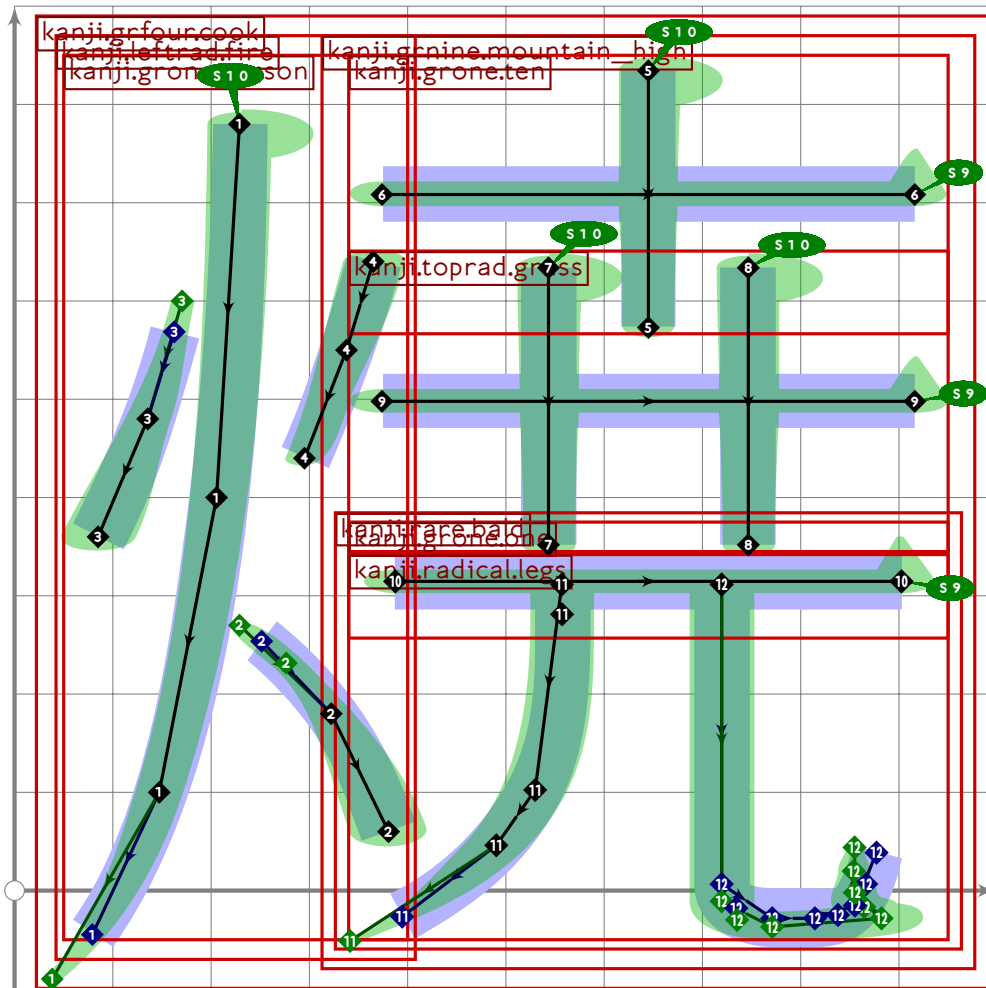
```
1 %
2 % Unicode page 71 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.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 toprad.mp;
47
48 do_late_includes;
49
50 

---

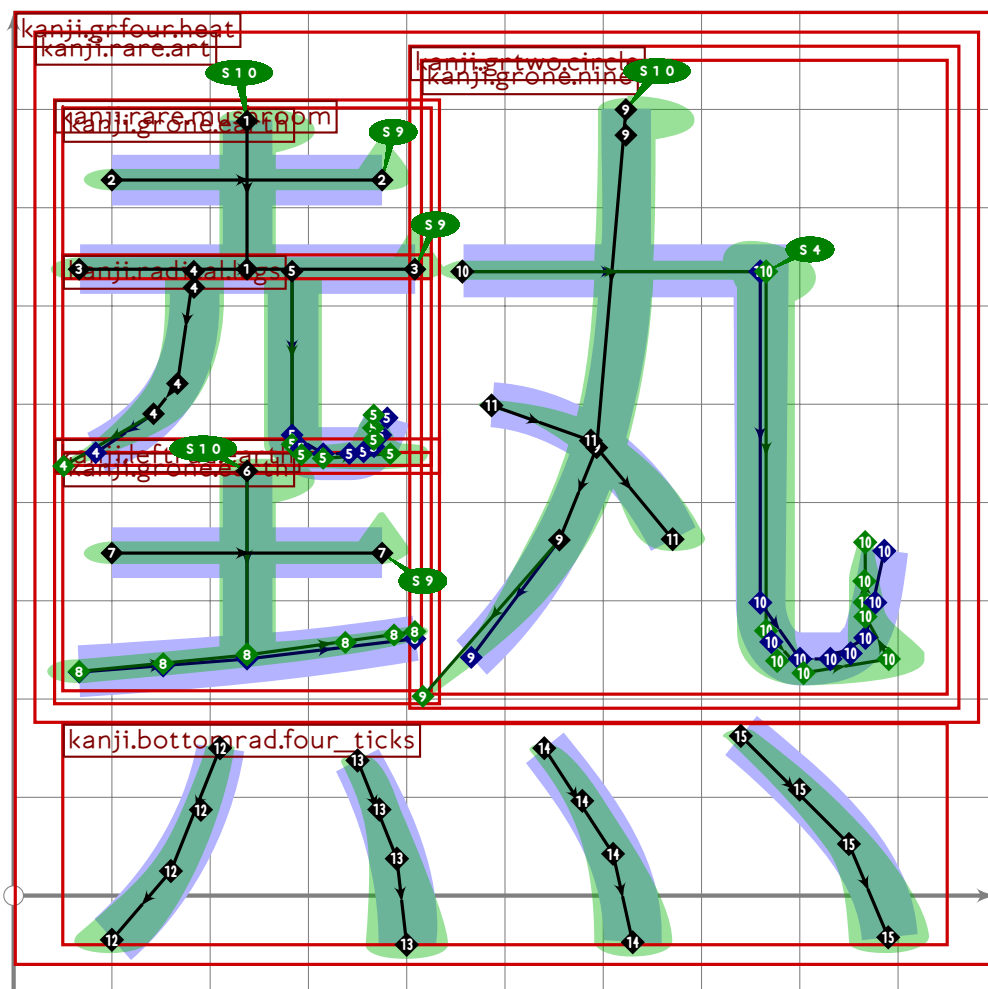

```



```

51
52 vardef kanji.grfour.cook =
53   push_pbox_toexpand("kanji.grfour.cook");
54   build_kanji.level(build_kanji.lr(370,60)
55     (kanji.leftrad.fire)
56     (kanji.grnine.mountain_high));
57   expand_pbox;
58 enddef;

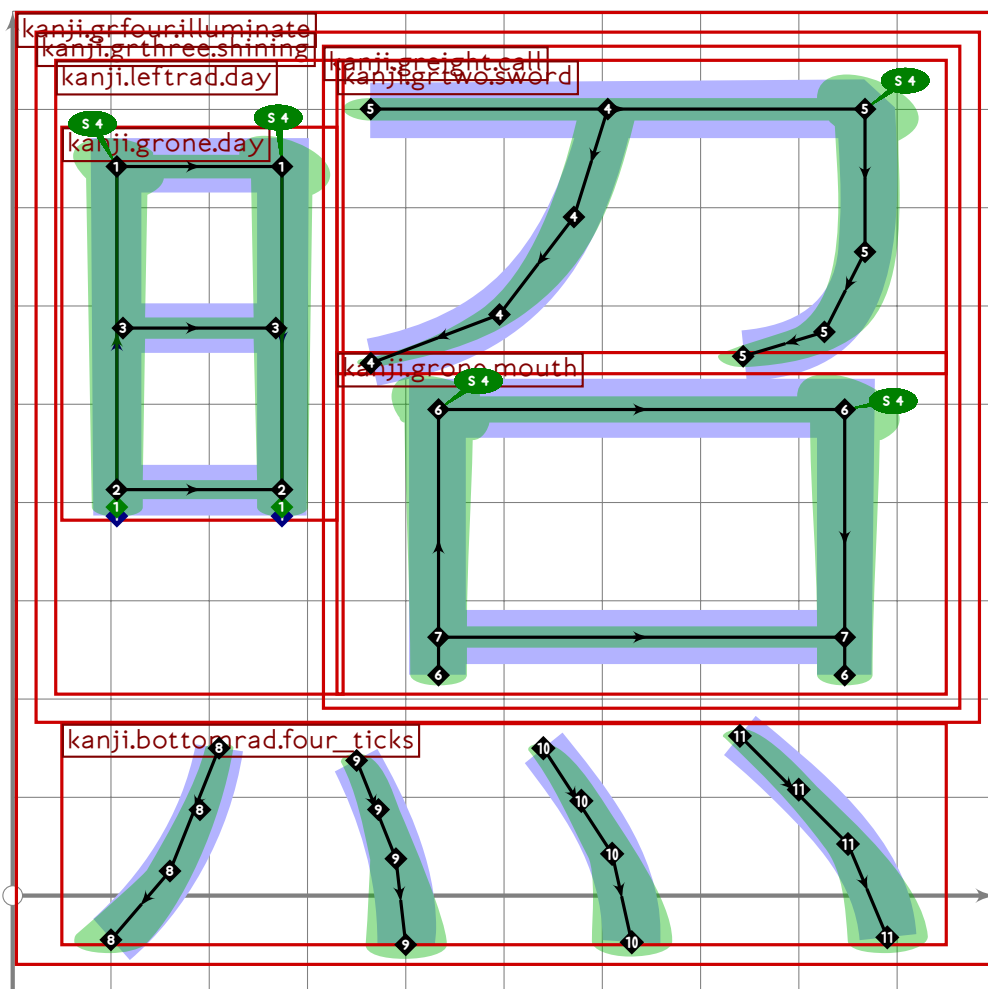
```



```

59
60 vardef kanji.grfour.heat =
61   push_pbox_toexpand("kanji.grfour.heat");
62   build_kanji.tb(190,-30)
63     (kanji.rare.art)
64     (kanji.bottomrad.four_ticks);
65   expand_pbox;
66 enddef;

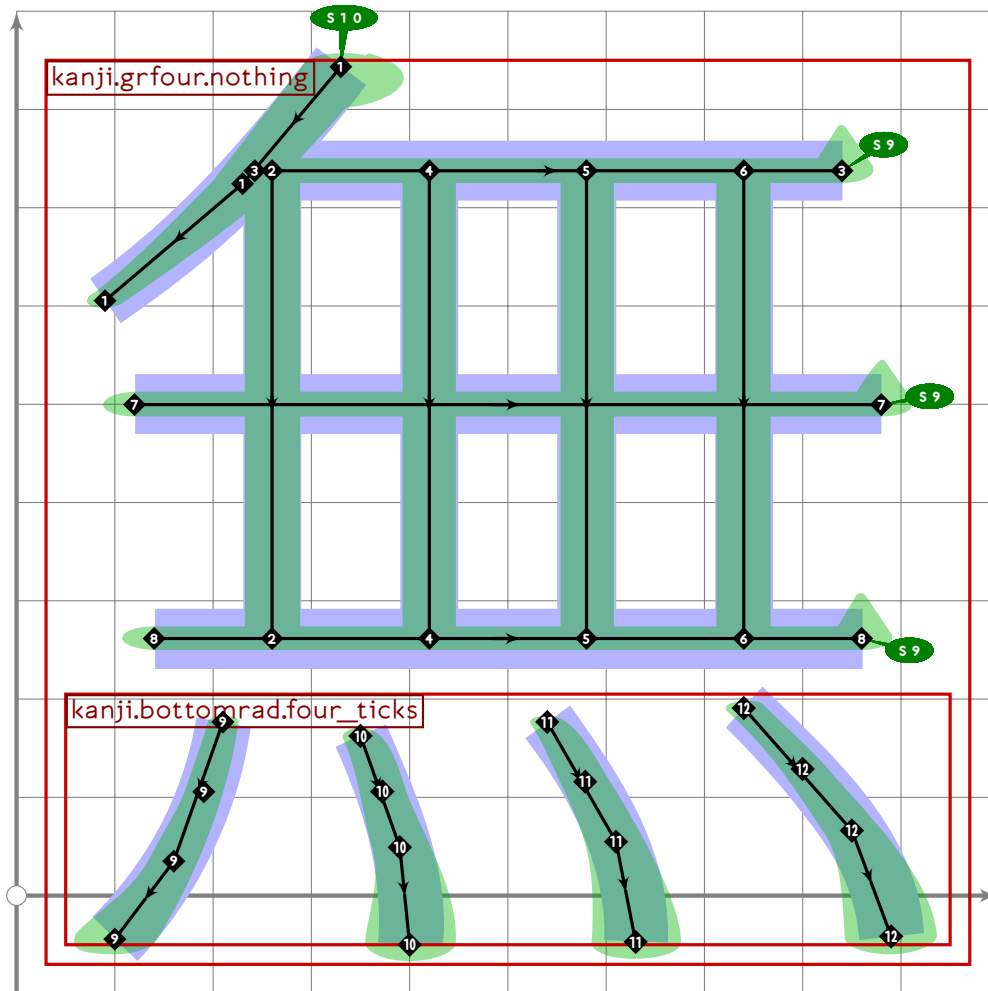
```



```

67
68 vardef kanji.grfour.illuminate =
69   push_pbox_toexpand("kanji.grfour.illuminate");
70   build_kanji.tb(190,-30)
71     (kanji.grthree.shining)
72     (kanji.bottomrad.four_ticks);
73   expand_pbox;
74 enddef;

```



```

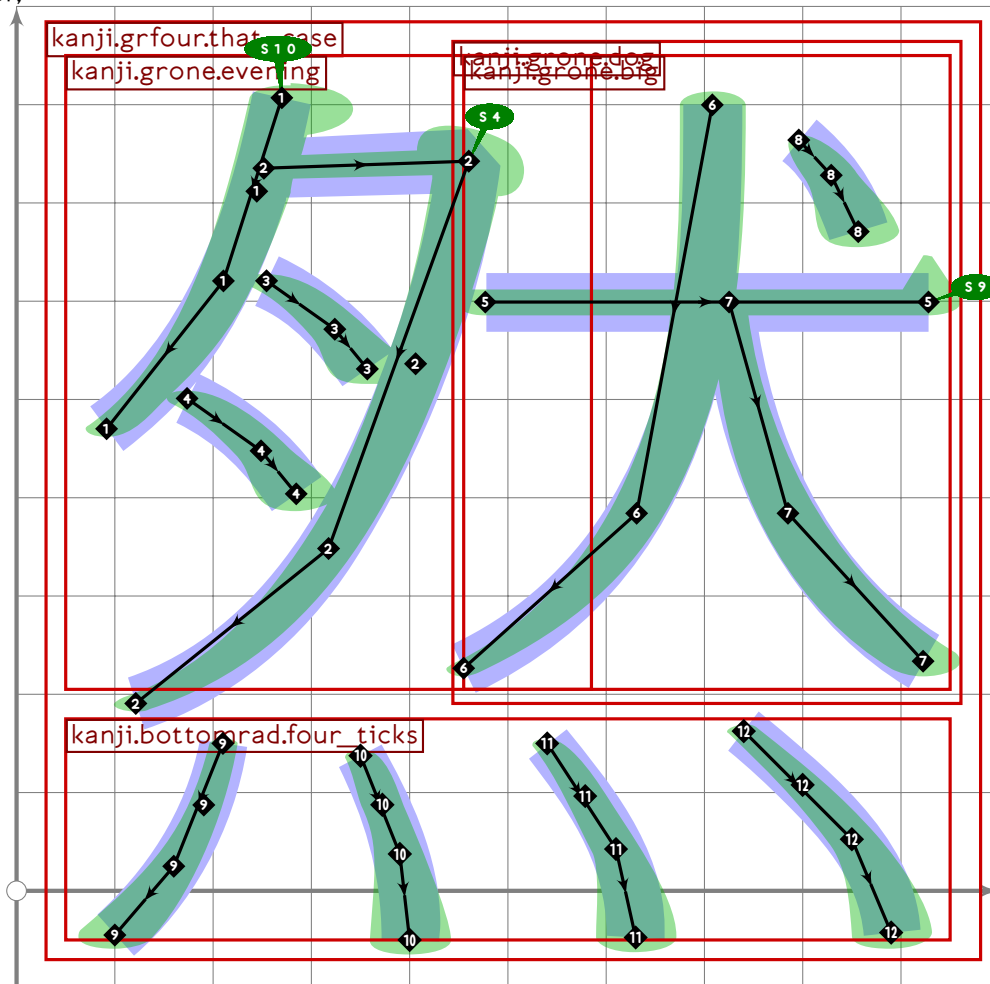
75
76 vardef kanji.grfour.nothing =
77   push_pbox_toexpand("kanji.grfour.nothing");
78   build_kanji.level(build_kanji.tb(230,50)
79     (push_stroke((330,840){curl 0.1}..(230,660)..(90,480),
80       (1.7,1.7)–(1.5,1.5)–(1.1,1.1));
81     set_boserif(0,0,10);
82     push_stroke((260,680)–(260,40),
83       (1.39,1.39)–(1.3,1.3));
84     push_stroke(
85       (((0,680)–(1000,680)) intersectionpoint get_stroke(-1))–(840,680),
86       (1.5,1.5)–(1.5,1.5));
87     set_boserif(0,19);
88     push_stroke((420,680)–(420,40),
89       (1.4,1.4)–(1.3,1.3));
90     push_stroke((580,680)–(580,40),
91       (1.4,1.4)–(1.3,1.3));
92     push_stroke((740,680)–(740,40),
93       (1.4,1.4)–(1.3,1.3));
94     push_stroke((120,320)–(880,320),
95       (1.5,1.5)–(1.5,1.5));

```

```

96   set_boserif(0,19);
97   push_stroke((140,-40)-(860,-40),
98             (1.5,1.5)-(1.5,1.5));
99   set_boserif(0,19))
100   (kanji.bottomrad.four_ticks));
101   expand_pbox;
102 enddef;

```



```

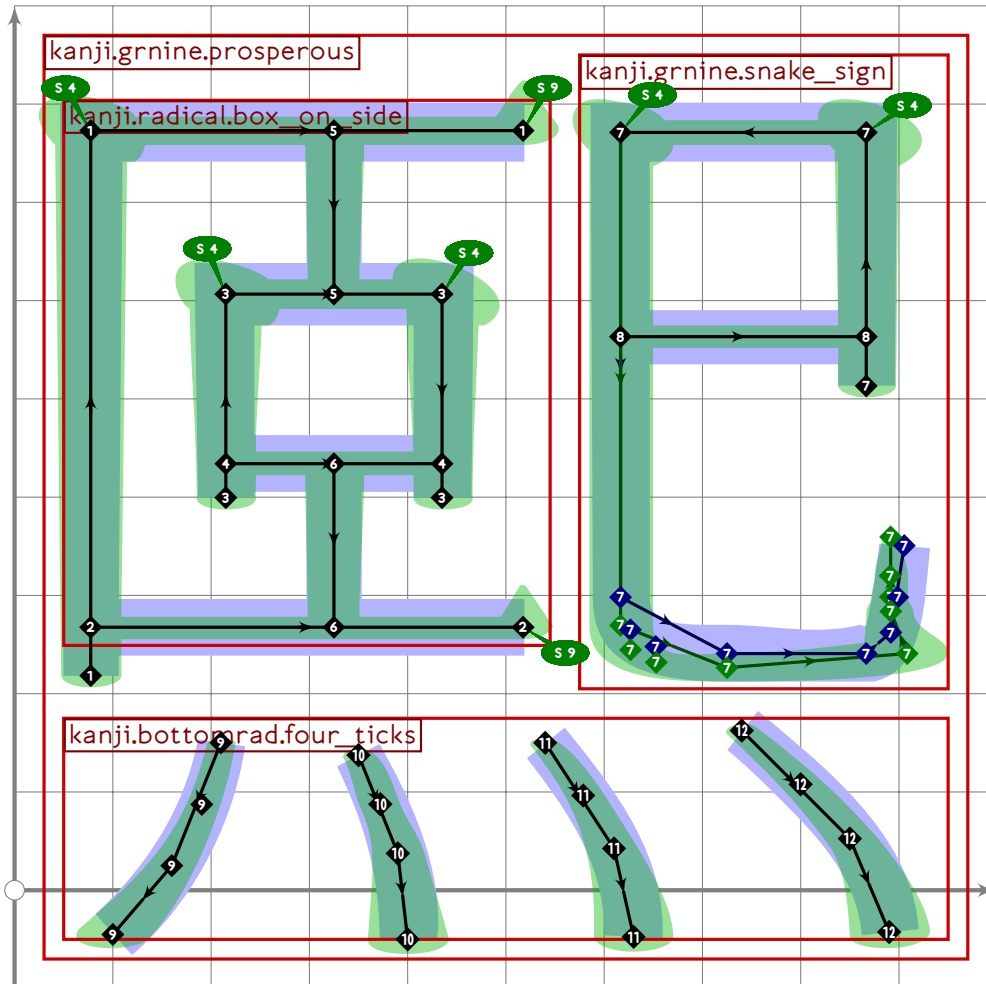
103
104 vardef kanji.grfour.that_case =
105   path mytp,mytq;
106   push_pbox_toexpand("kanji.grfour.that_case");
107   build_kanji.tb(190,-30)
108     (build_kanji.level(build_kanji.lr(520,130)
109       (kanji.grone.evening;
110         mytp=get_stroke(0);
111         mytq=get_strokeq(0);
112         push_stroke(mytp shifted (-point 0.6 of mytp)
113           scaled 0.65 shifted ((-90,-120)+point 0.6 of mytp),mytq);
114         replace_stroke(1)(oldp shifted (-point 0.6 of oldp)
115           scaled 0.60 shifted ((40,50)+point 0.6 of oldp)))
116         (kanji.grone.dog)))

```

```

117 (kanji.bottomrad.four_ticks);
118 expand_pbox;
119 enddef;
120
121

```



```

122
123 vardef kanji.grnine.prosperous =
124   push_pbox_toexpand("kanji.grnine.prosperous");
125   build_kanji.tb(190,-30)
126     (build_kanji.lr(560,-30)
127       (build_kanji.sscale(yscaled 0.86)
128         (kanji.radical.box_on_side;
129           build_kanji.box((350,530),(750,250));
130           push_stroke((550,800)-(550,530),(1.5,1.5)-(1.4,1.4));
131           push_stroke((550,250)-(550,-20),(1.5,1.5)-(1.4,1.4))))
132         (kanji.grnine.snake_sign))
133     (kanji.bottomrad.four_ticks);
134   expand_pbox;
135 enddef;
136
137

```



```

138
139 % mu/na "nothing"
140 begintsuglyph("uni7121";33); [see page 2468]
141   kanji.grfour.nothing;
142   tsu_render;
143 endtsuglyph;
144
145 % sou as in "sou desu"
146 begintsuglyph("uni7136";54); [see page 2469]
147   kanji.grfour.that_case;
148   tsu_render;
149 endtsuglyph;
150
151 % shou/ya "cook"
152 begintsuglyph("uni713C";60); [see page 2465]
153   kanji.grfour.cook;
154   tsu_render;
155 endtsuglyph;
156
157 % shou/te "illuminate"
158 begintsuglyph("uni7167";103); [see page 2467]
159   kanji.grfour.illuminate;
160   tsu_render;
161 endtsuglyph;
162
163 % ki/tanoshi "prosperous"
164 begintsuglyph("uni7199";153); [see page 2470]
165   kanji.grnine.prosperous;
166   tsu_render;
167 endtsuglyph;
168
169 % netsu/atsu "heat"
170 begintsuglyph("uni71B1";177); [see page 2466]
171   kanji.grfour.heat;
172   tsu_render;
173 endtsuglyph;
174
175 _____
176
177 endfont;
178
179 _____

```

tsuku-72.mp

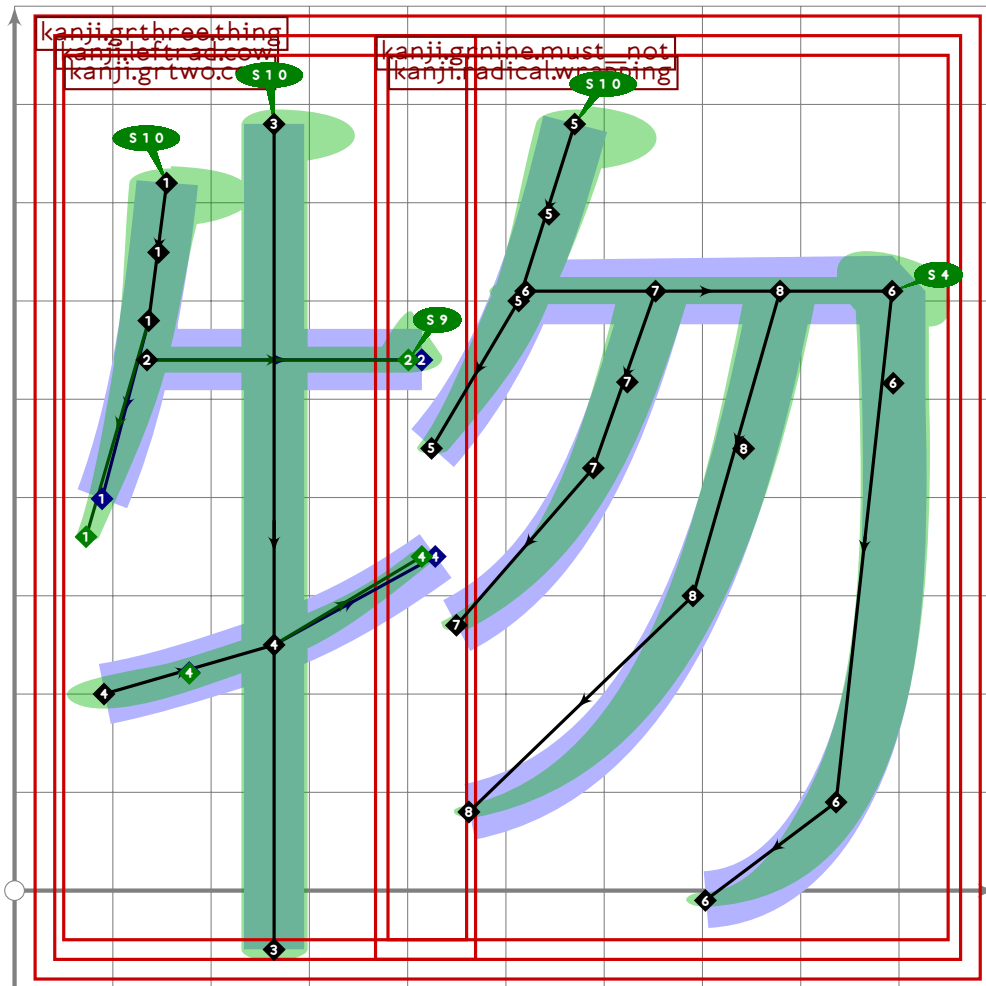
```
1 %
2 % Unicode page 72 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

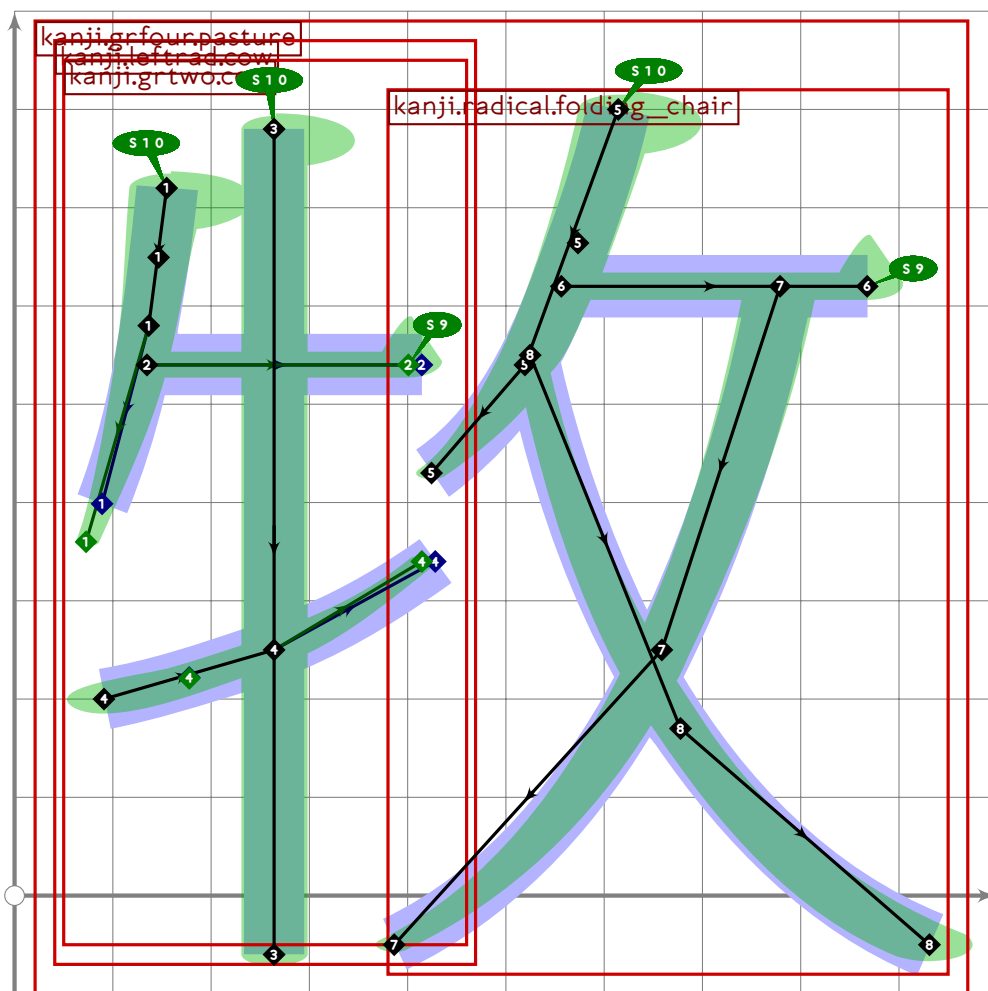

```



```

47
48 vardef kanji.grthree.thing =
49   push_pbox_toexpand("kanji.grthree.thing");
50   build_kanji.lr(420,80)
51     (kanji.leftrad.cow)
52     (kanji.grnine.must_not);
53   expand_pbox;
54 enddef;
55
56

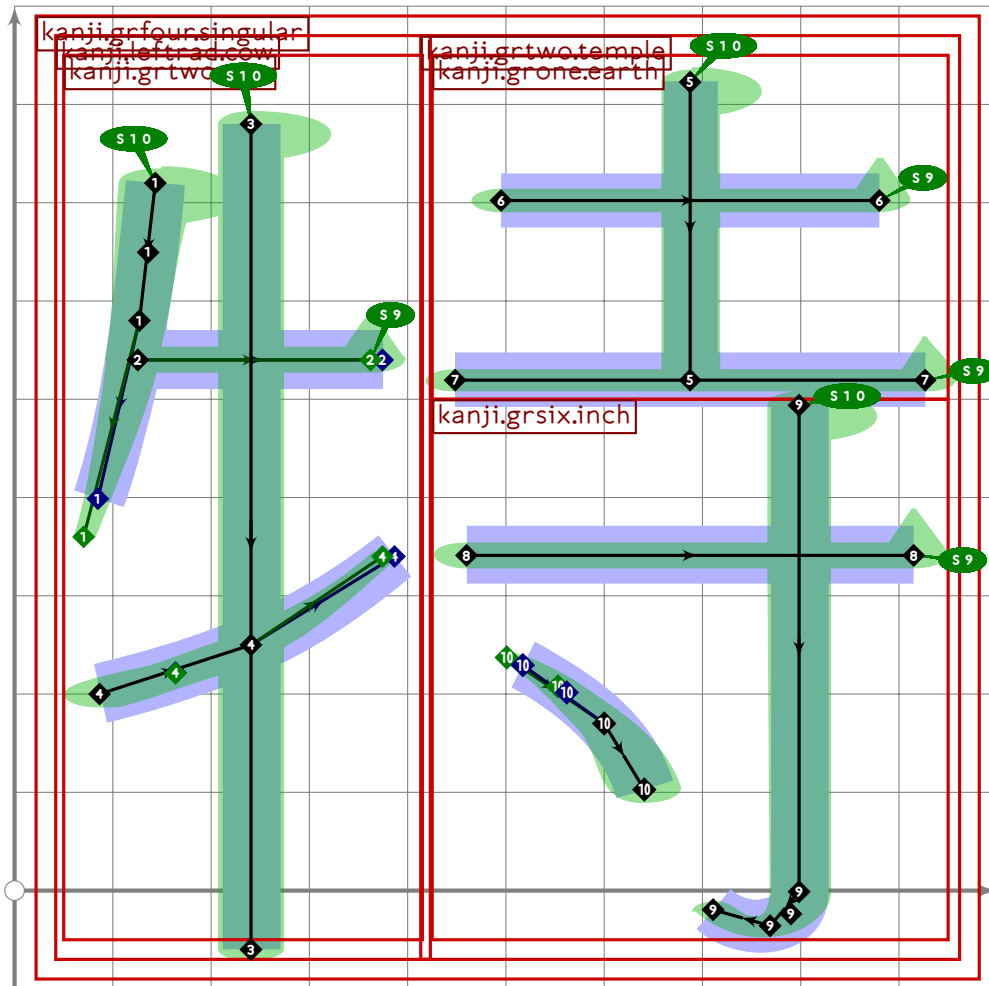
```



```

57
58 vardef kanji.grfour.pasture =
59   push_pbox_toexpand("kanji.grfour.pasture");
60   build_kanji.lr(420,80)
61     (kanji.leftrad.cow)
62     (build_kanji.sscale(shifted (0,-30))(kanji.radical.folding_chair));
63   expand_pbox;
64 enddef;
65

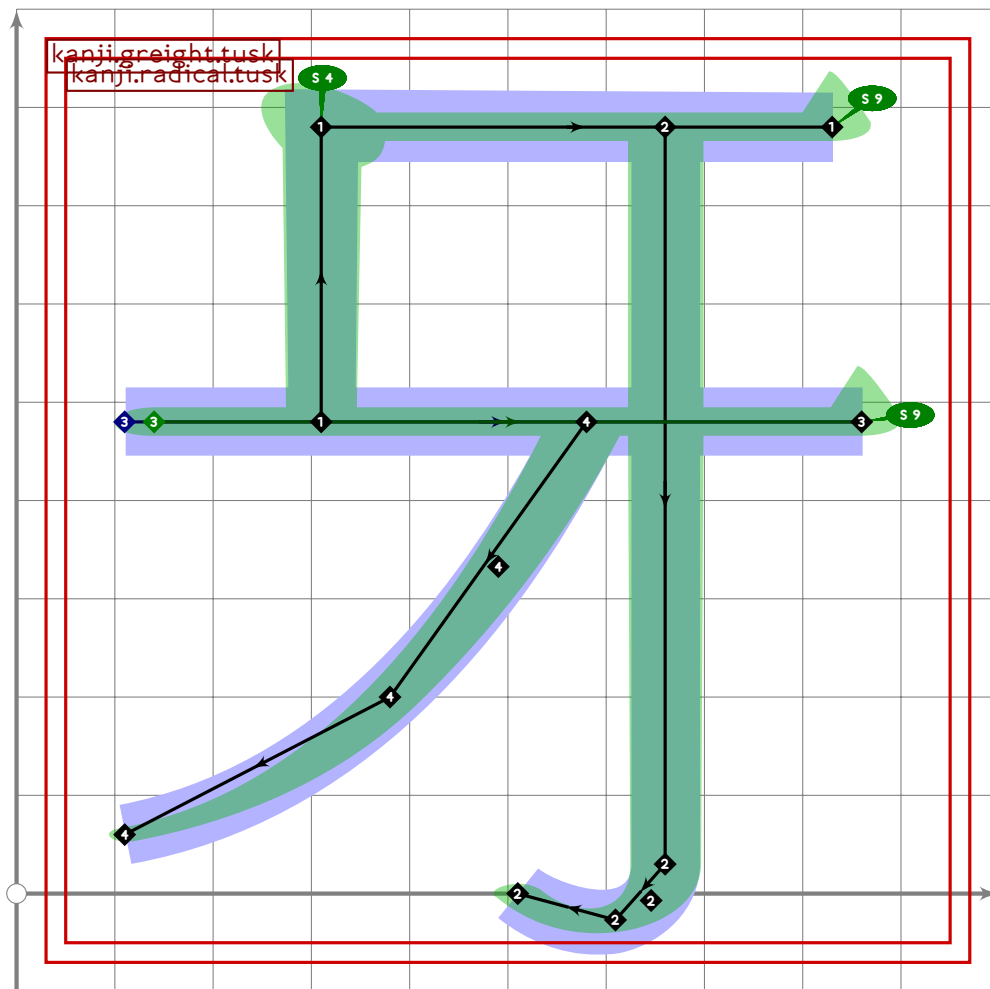
```



```

66 % "singular" because METAFONT reserves "special"
67 vardef kanji.grfour.singular =
68   push_pbox_toexpand("kanji.grfour.singular");
69   build_kanji.lr(420,-10)
70     (kanji.leftrad.cow)
71     (kanji.grtwo.temple);
72   expand_pbox;
73 enddef;
74
75

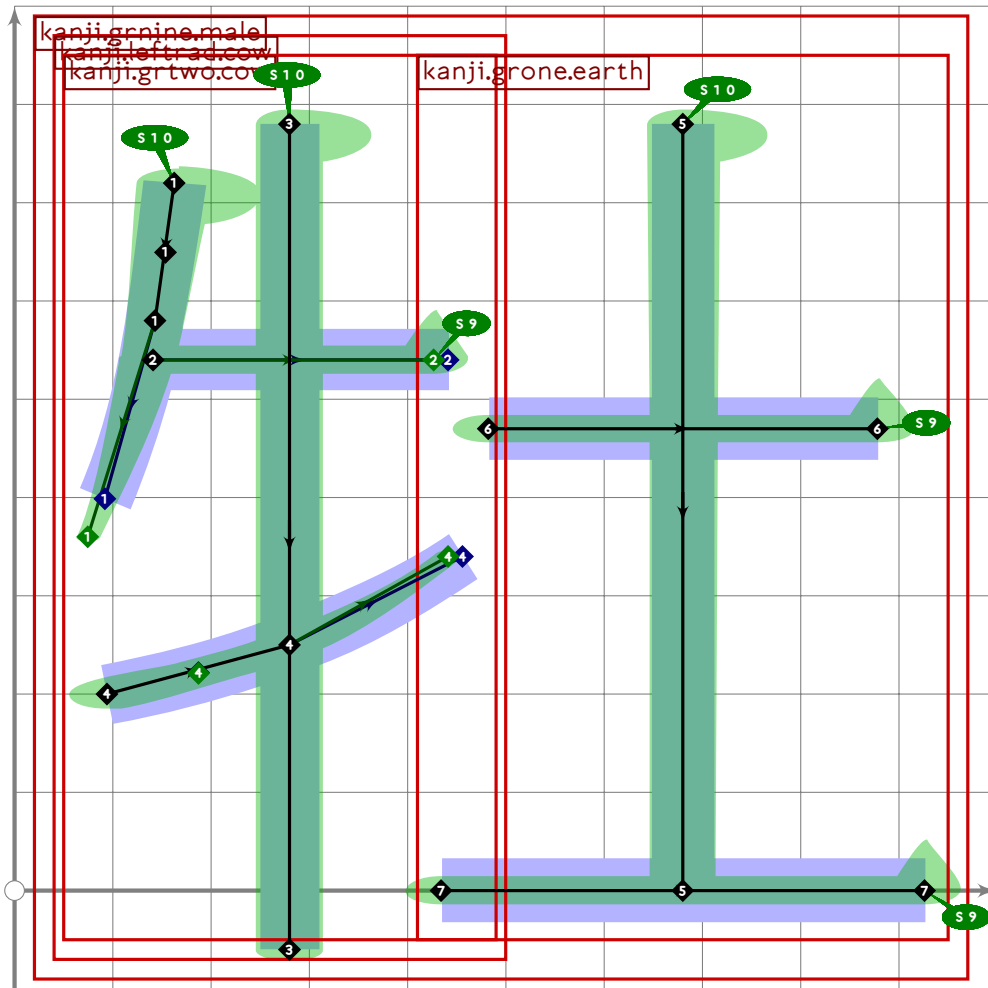
```



```

76
77 vardef kanji.greight.tusk =
78   push_pbox__toexpand("kanji.greight.tusk");
79   kanji.radical.tusk;
80   replace_strokeq(-4)((310,480)-(310,780)-(830,780));
81   replace_strokeq(-4)((1.5,1.5)-(1.6,1.6)-(1.6,1.6));
82   set_boserif(-4,1,4);
83   set_boserif(-4,2,9);
84   set_botip(-4,1,1);
85   obstacktype[find_whatever(otstroke,2)]:=otnull;
86   expand_pbox;
87 enddef;
88
89

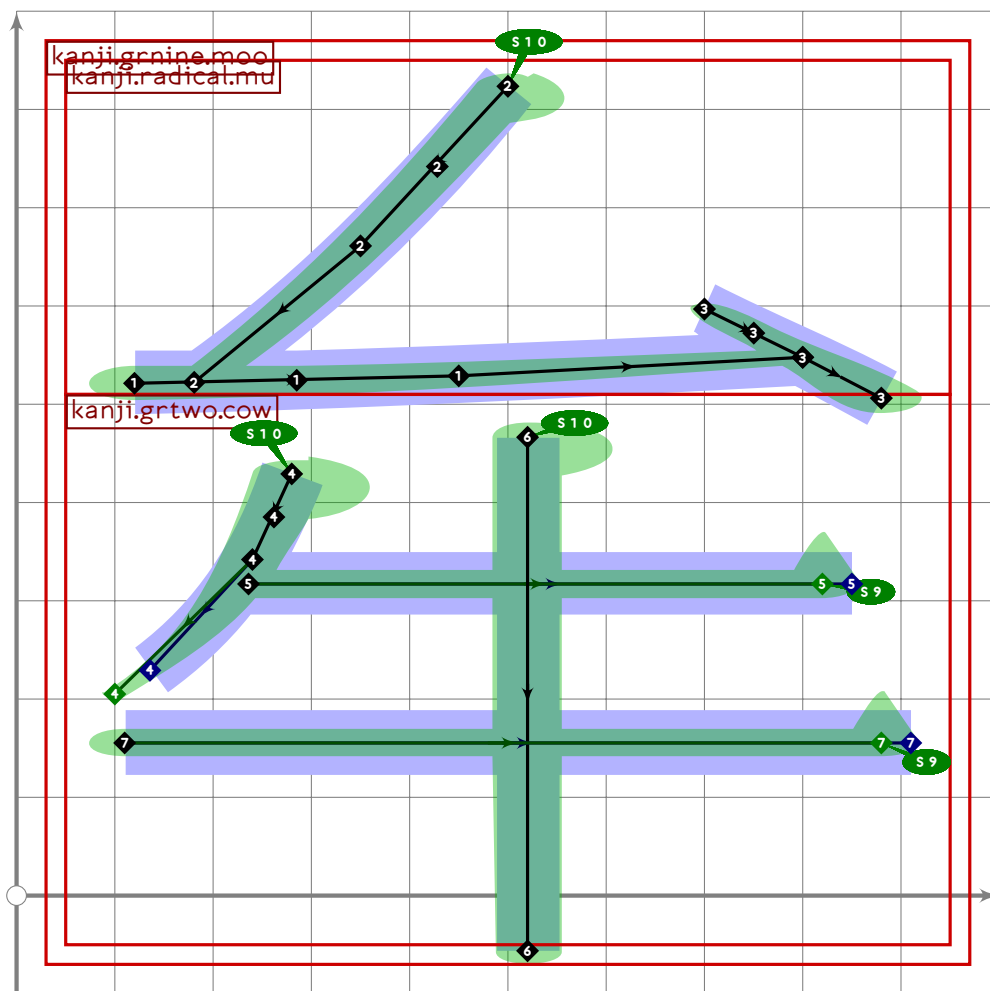
```



```

90
91 vardef kanji.grnine.male =
92   push_pbox_toexpand("kanji.grnine.male");
93   build_kanji.lr(450,80)
94     (kanji.leftrad.cow)
95     (kanji.grone.earth);
96   expand_pbox;
97 enddef;

```



```

98
99 vardef kanji.grnine.moo =
100   push_pbox_toexpand("kanji.grnine.moo");
101   build_kanji.tb(510,0)
102   (kanji.radical.mu)
103   (kanji.grtwo.cow);
104   expand_pbox;
105 enddef;
106
107
108
109 vardef kanji.leftrad.cow =
110   push_pbox_toexpand("kanji.leftrad.cow");
111   kanji.grtwo.cow;
112   replace_strokep(0)((140,200)..tension 1.2..(520,250)..(880-30*mincho,340));
113   replace_strokeq(0)((1.7,1.7)-(1.5,1.5)-(1,1));
114   set_boserif(0,1,whatever);
115   expand_pbox;
116 enddef;
117
118

```



```

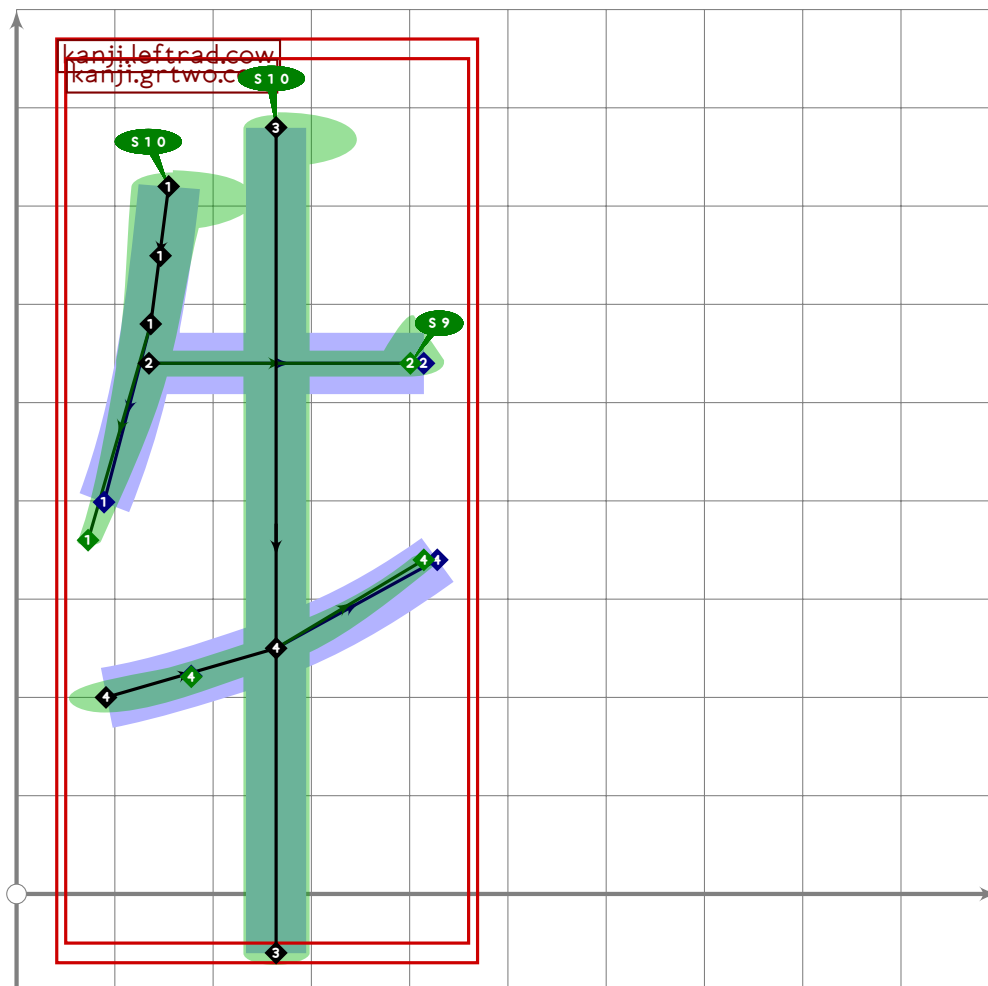
119
120 % chichi "father"
121 begintsuglyph("uni7236",54);
122 kanji.grtwo.father;
123 tsu_render;
124 endtsuglyph;
125
126 % ga/kiba "tusk"
127 begintsuglyph("uni7259",89);
128 kanji.greight.tusk;
129 tsu_render;
130 endtsuglyph;
131
132 % kyuu/ushi "cow"
133 begintsuglyph("uni725B",91);
134 kanji.grtwo.cow;
135 tsu_render;
136 endtsuglyph;
137

```

[see page 500]

[see page 2476]

[see page 493]



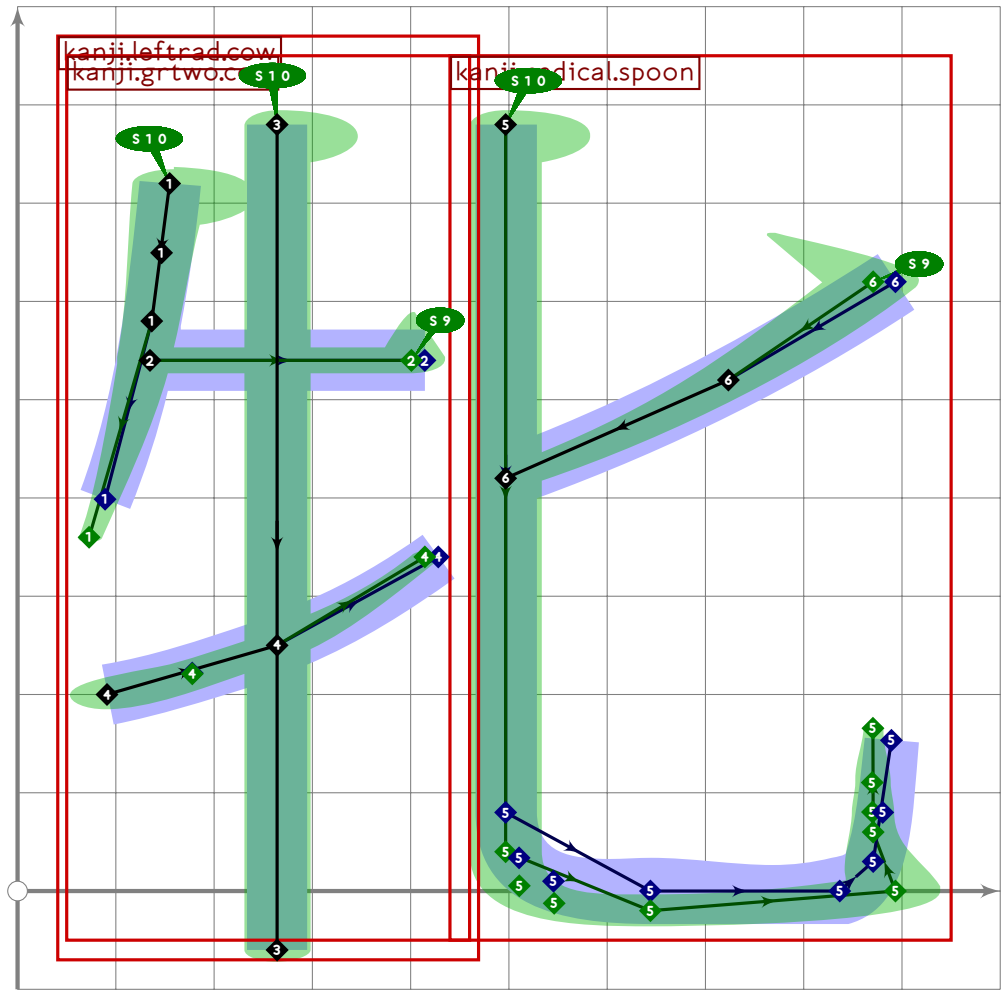
```

138 % naked cow radical
139 begintsuglyph("uni725C",92);

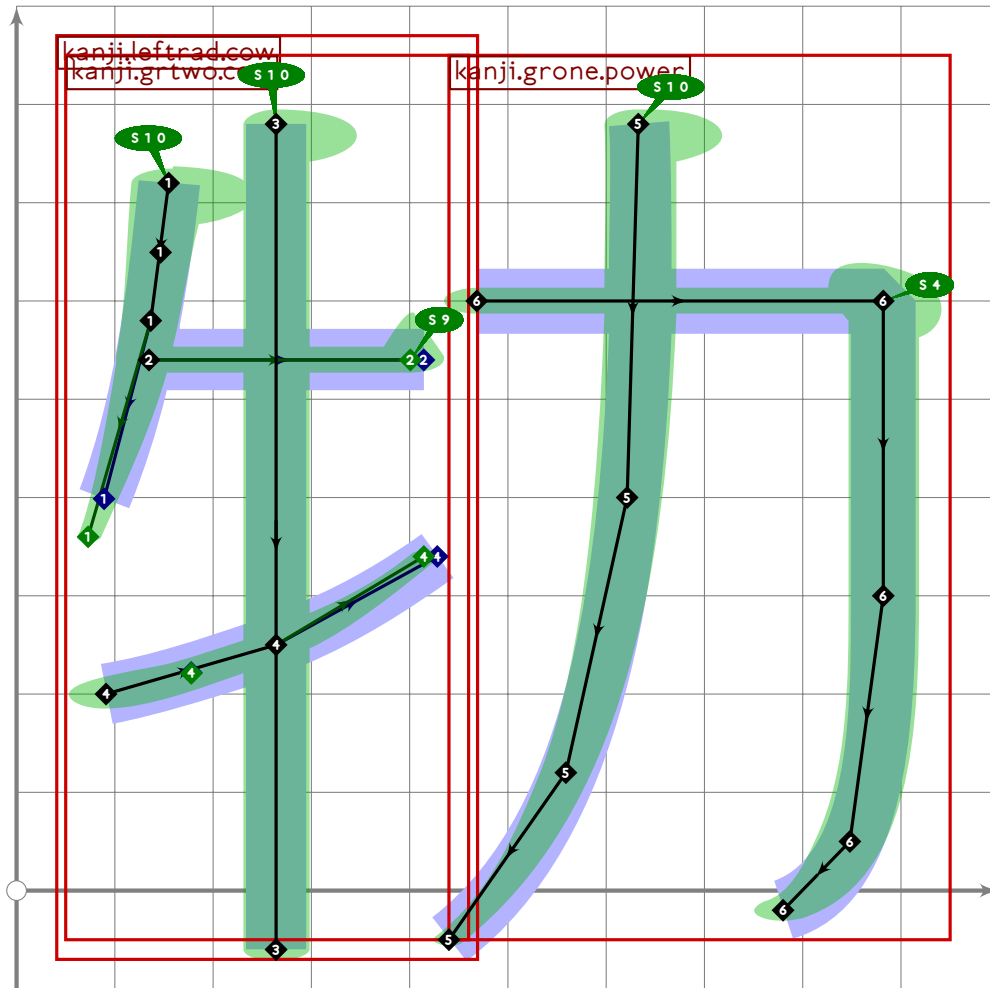
```

U+725D
tsuku.uni725D

```
140 build_kanji.lr(450,20)(kanji.leftrad.cow());
141 tsu_render;
142 endtsuglyph;
143
```



```
144 % extra "female"
145 beginsuglyph("uni725D'93);
146 build_kanji.lr(450,20)
147 (kanji.leftrad.cow)
148 (kanji.radical.spoon);
149 tsu_render;
150 endtsuglyph;
151
```

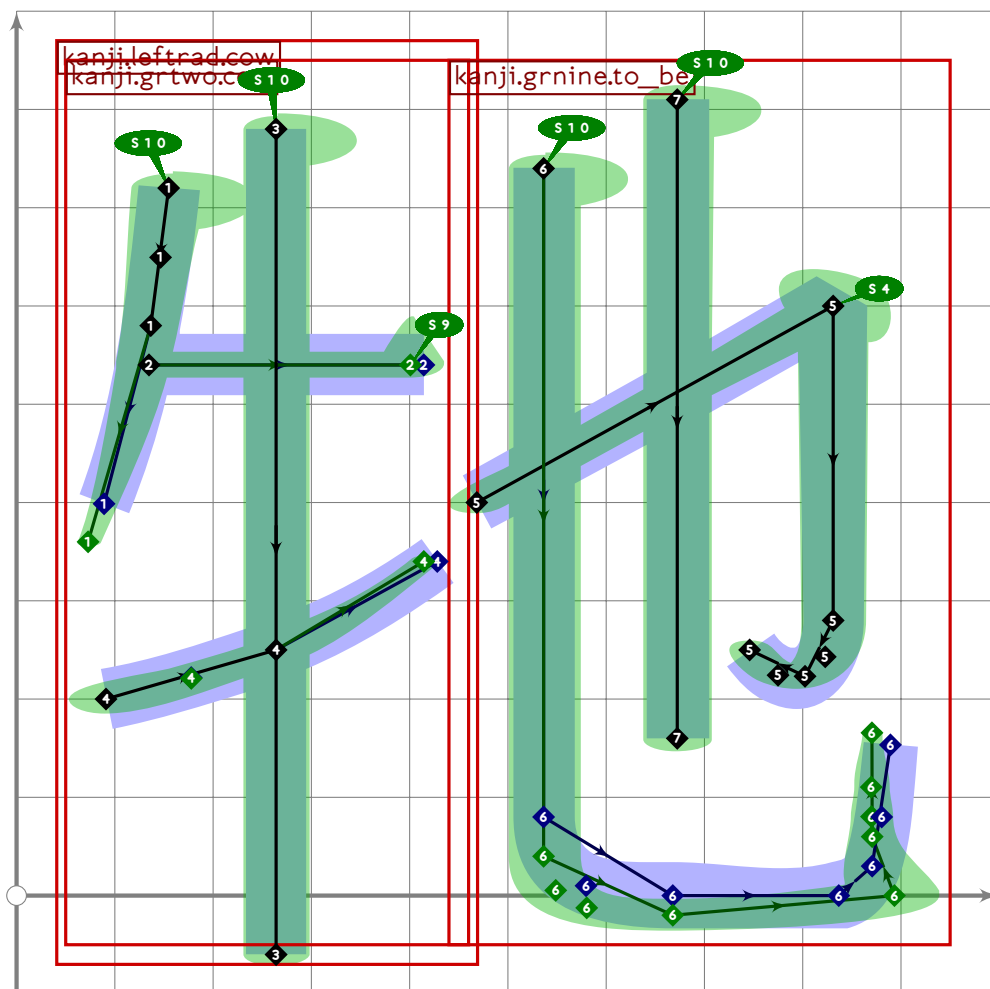


```

152 % extra
153 begintsuglyph("uni725E";94);
154   build_kanji.lr(450,20)
155     (kanji.leftrad.cow)
156     (kanji.grone.power);
157   tsu_render;
158 endtsuglyph;
159
160 % bou/mu "moo (cow sound)"
161 begintsuglyph("uni725F";95);
162   kanji.grnine.moo;
163   tsu_render;
164 endtsuglyph;
165

```

[see page 2478]



```

166 % extra
167 begintsuglyph("uni7260";96);
168   build_kanji.lr(450,20)
169     (kanji.leftrad.cow)
170     (kanji.grnine.to_be);
171   tsu_render;
172 endtsuglyph;
173
174 % bo/osu "male (animal)"
175 begintsuglyph("uni7261";97);
176   kanji.grnine.male;
177   tsu_render;
178 endtsuglyph;
179
180 % boku/maki "pasture"
181 begintsuglyph("uni7267";103);
182   kanji.grfour.pasture;
183   tsu_render;
184 endtsuglyph;
185
186 % butsu/mono "thing"

```

[see page 2477]

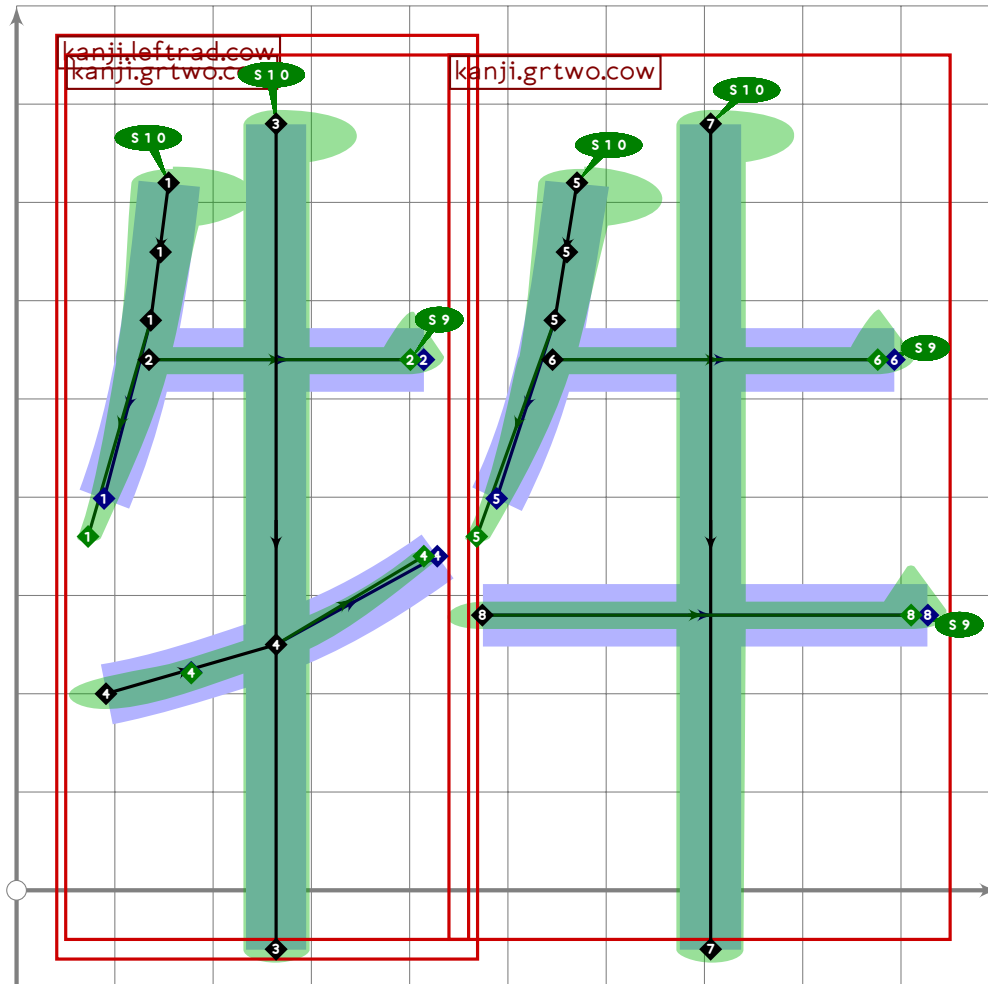
[see page 2474]

```

187 begintsuglyph("uni7269",105);
188   kanji.grthree.thing;
189   tsu_render;
190 endtsuglyph;
191

```

[see page 596]



```

192 % extra
193 begintsuglyph("uni726A",106);
194   build_kanji.lr(450,20)
195     (kanji.leftrad.cow)
196     (kanji.grtwo.cow);
197   tsu_render;
198 endtsuglyph;
199
200 % toku "special"
201 begintsuglyph("uni7279",121);
202   kanji.grfour.singular;
203   tsu_render;
204 endtsuglyph;
205
206 % inu "dog"
207 begintsuglyph("uni72AC",172);

```

[see page 2475]

[see page 426]

```
208  kanji.grone.dog;  
209  tsu_render;  
210 endtsuglyph;  
211  
212 _____  
213  
214 endfont;  
215  
216 _____
```

tsuku-73.mp

```
1 %
2 % Unicode page 73 (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 gradeone.mp;
37
38 do_late_includes;
39
40 

---


41
42 % gyoku/tama "ball" or "precious"
43 begintsuglyph("uni7389",137); [see page 416]
44   kanji.grone.ball;
45   tsu_render;
46 endtsuglyph;
47
48 % ou "king"
49 begintsuglyph("uni738B",139); [see page 443]
50   kanji.grone.king;
51   tsu_render;
52 endtsuglyph;
53
54 

---


55
56 endfont;
57
58 

---


```

tsuku-74.mp

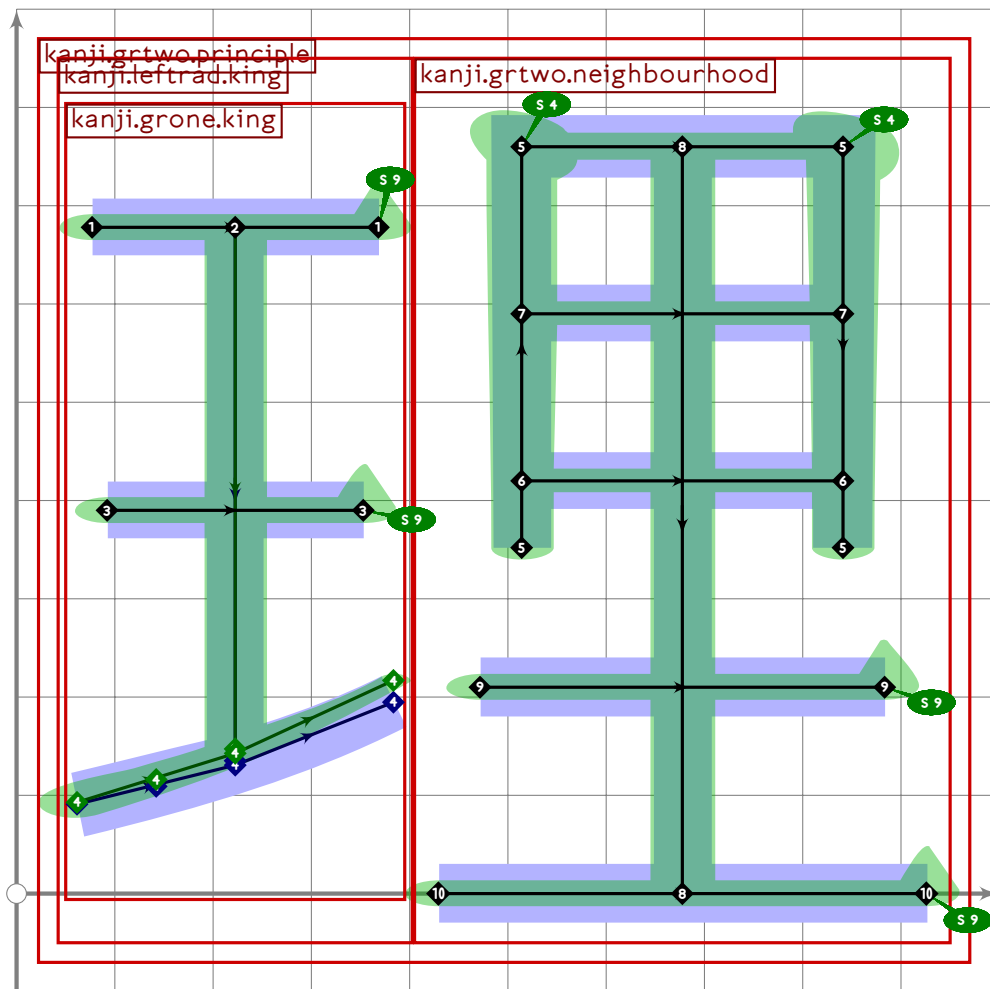
```
1 %
2 % Unicode page 74 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

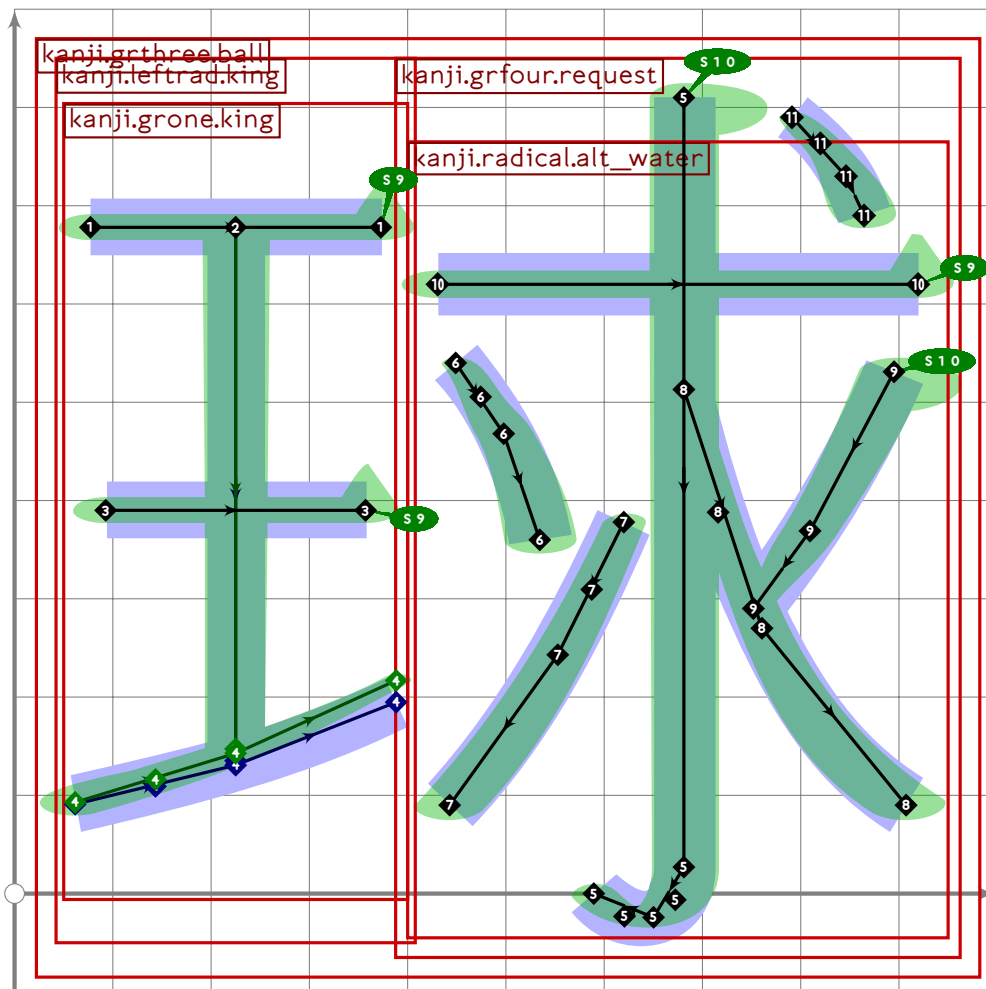

```

```

46
47 vardef kanji.grtwo.principle =
48   push_pbox_toexpand("kanji.grtwo.principle");
49   build_kanji.lr(400,10)
50     (kanji.leftrad.king)
51     (kanji.grtwo.neighbourhood);
52   expand_pbox;
53 enddef;
54
55

```



```

56
57 vardef kanji.grthree.ball =
58   push_pbox_toexpand("kanji.grthree.ball");
59   build_kanji.lr(400,0)
60     (kanji.leftrad.king)
61     (kanji.grfour.request);
62   expand_pbox;
63 enddef;
64
65
66
67 % kyu/tama "ball" (as in baseball)
68 begintsuglyph("uni7403";3);
69   kanji.grthree.ball;
70   tsu_render;
71 endtsuglyph;
72
73 % ri/kotowari "principle"
74 begintsuglyph("uni7406";6);
75   kanji.grtwo.principle;
76   tsu_render;

```

[see page 2488]

[see page 2487]

77 endtsuglyph;

78

79

80

81 endfont;

82

83

tsuku-75.mp

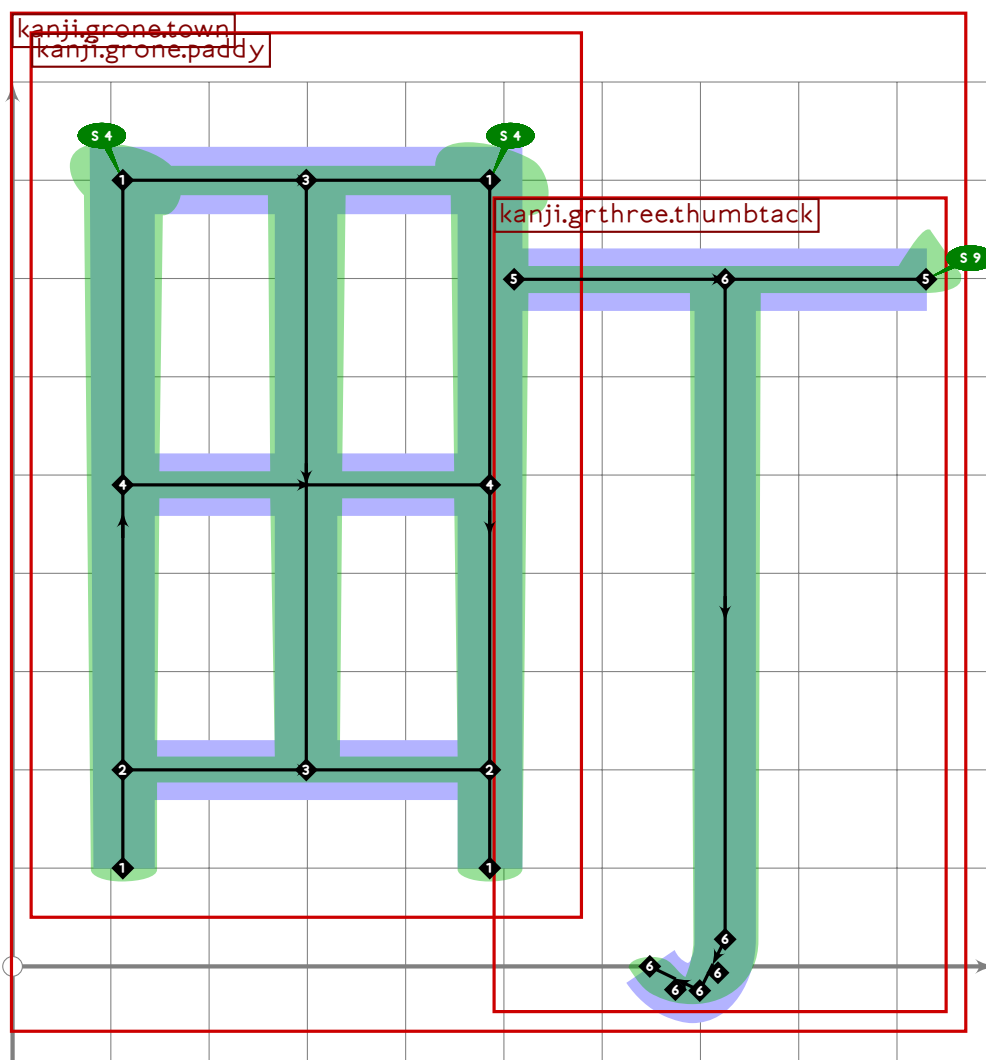
```
1 %
2 % Unicode page 75 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 toprad.mp;
50
51 do_late_includes;
52
53 

---

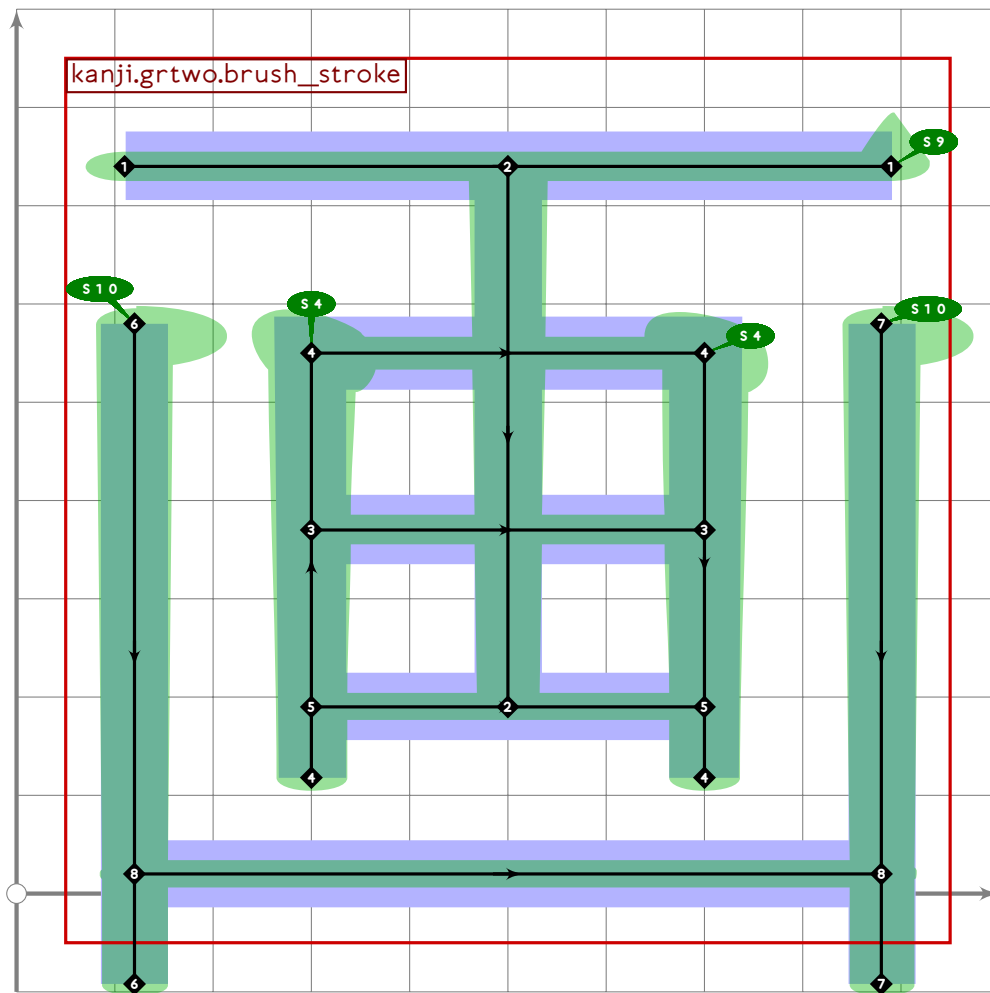

```



```

54
55 vardef kanji.grone.town =
56   push_pbox_toexpand("kanji.grone.town");
57   build_kanji.level(build_kanji.lr(550,120)
58     (tsu_xform(identity shifted (-50,100))(kanji.grone.paddy))
59     (tsu_xform(identity yscaled 0.92)
60       (kanji.grthree.thumbtack)));
61   expand_pbox;
62 enddef;
63
64

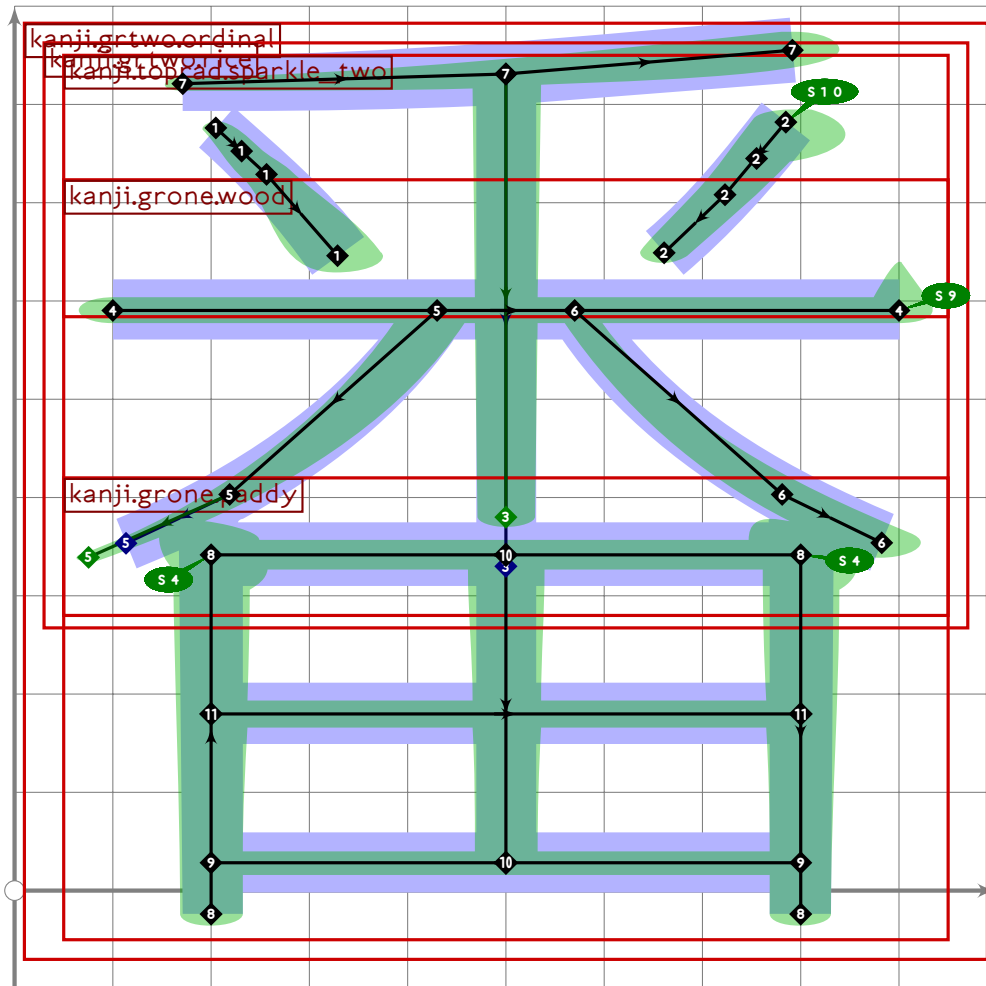
```



```

65
66 vardef kanji.grtwo.brush_stroke =
67   push_pbox_toexpand("kanji.grtwo.brush_stroke");
68   push_stroke((110,740)-(890,740),(1.6,1.6)-(1.6,1.6));
69   set_boserif(0,19);
70   push_stroke((500,740)-(500,190),
71     (1.6,1.6)-(1.4,1.4));
72   push_stroke((300,370)-(700,370),
73     (1.6,1.6)-(1.6,1.6));
74   build_kanji.box((300,550),(700,190));
75   build_kanji.cup((120,580),(880,20));
76   expand_pbox;
77 enddef;

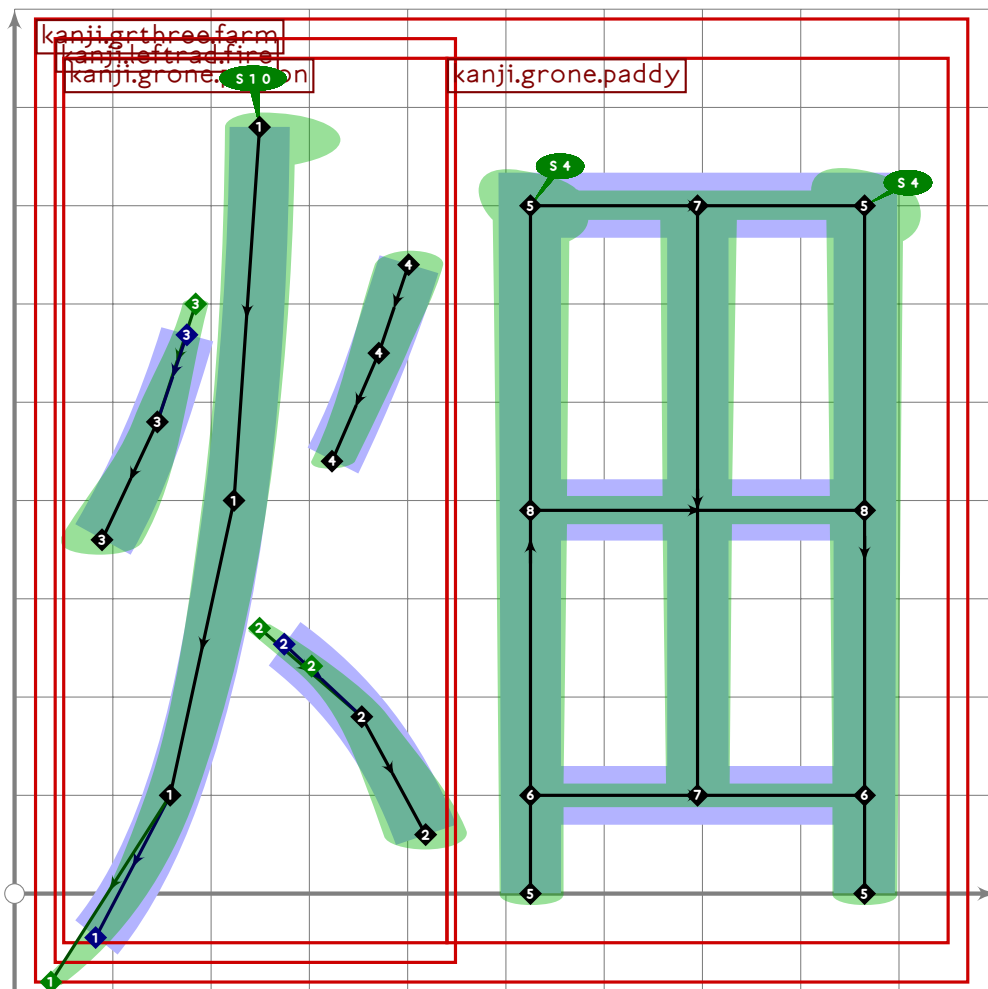
```



```

78
79 vardef kanji.grtwo.ordinal =
80   push_pbox_toexpand("kanji.grtwo.ordinal");
81   build_kanji.level(build_kanji.tb(350,140)
82     (build_kanji.spread_legs(140)(build_kanji.add_beret(
83       kanji.grtwo.rice)))
84     (kanji.grone.paddy));
85   replace_strokep(-8)((point 0 of oldp)-(500,330+50*mincho));
86   expand_pbox;
87 enddef;
88
89

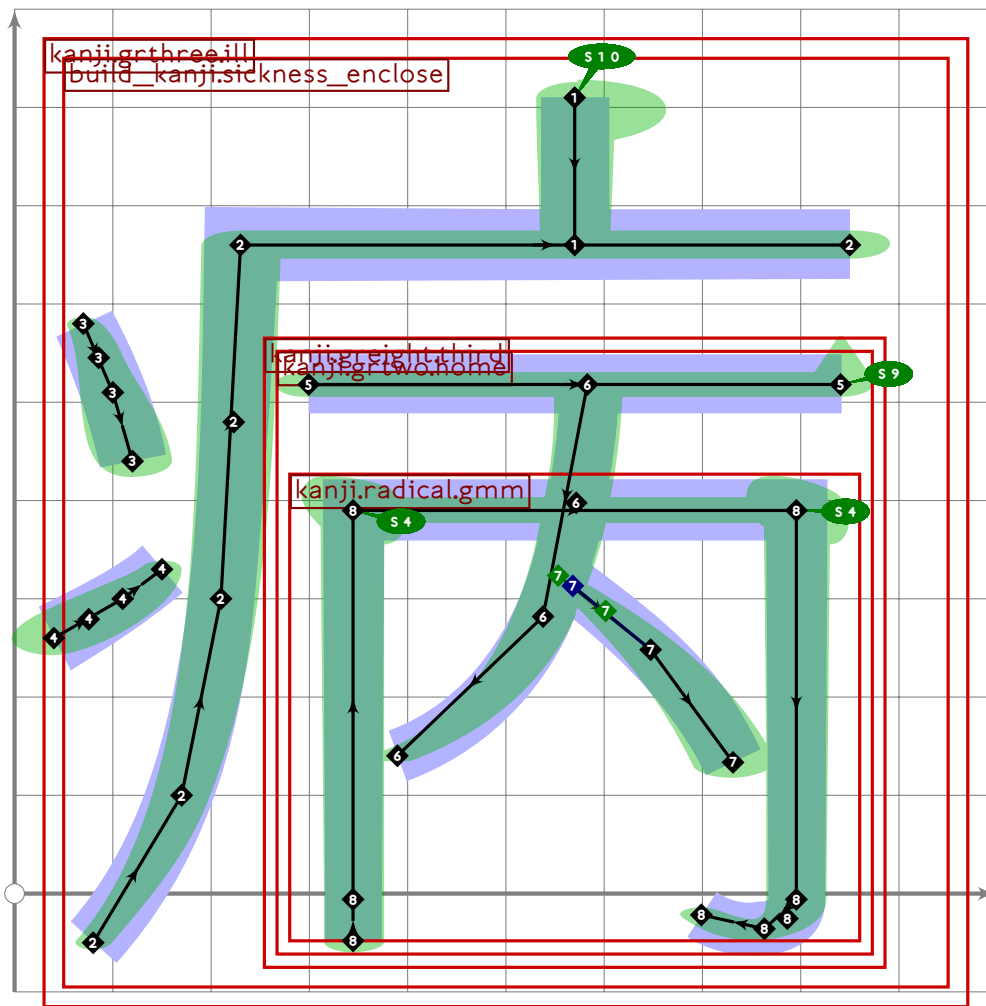
```



```

90
91 vardef kanji.grthree.farm =
92   push_pbox_toexpand("kanji.grthree.farm");
93   build_kanji.level(build_kanji.lr(440,0)
94     (kanji.leftrad.fire)
95     (kanji.grone.paddy));
96   expand_pbox;
97 enddef;

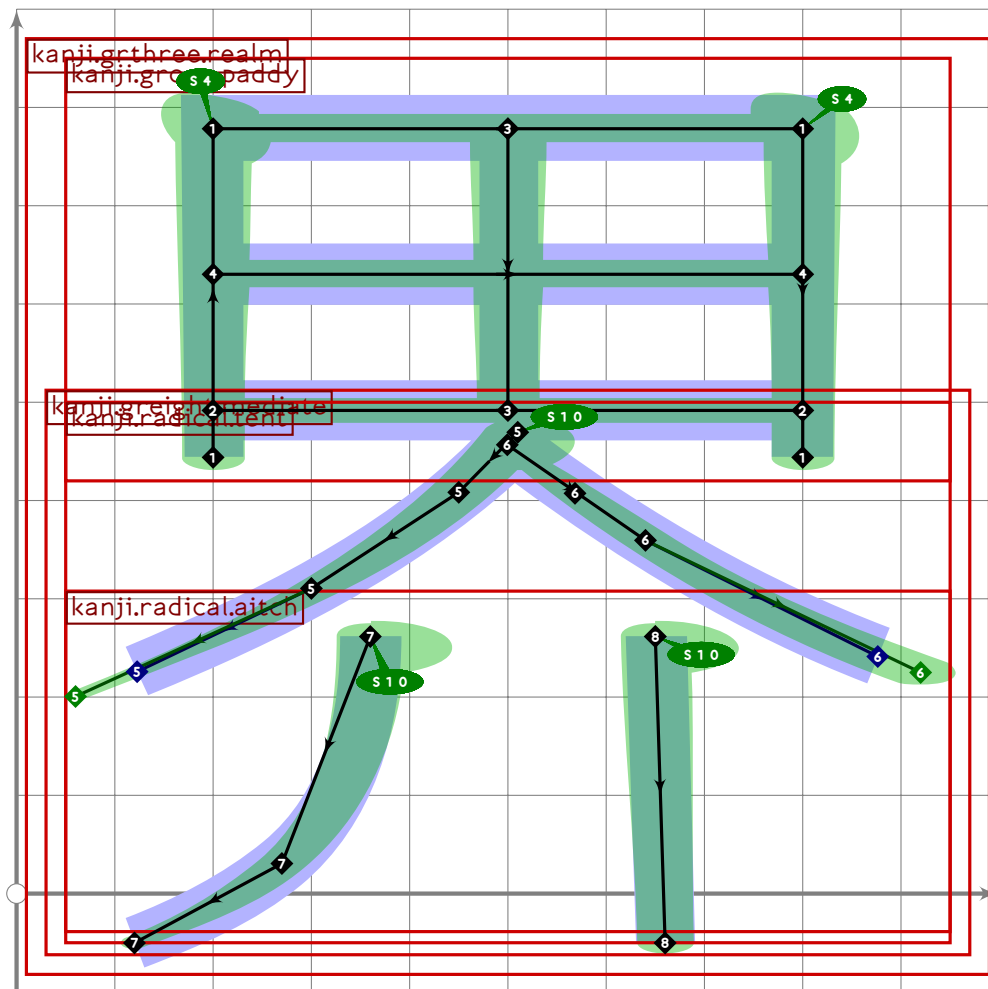
```

```

98
99 vardef kanji.grthree.ill =
100   push_pbox_toexpand("kanji.grthree.ill");
101   build_kanji.sickness_enclose(tsu_xform(identity yscaled 0.88)
102     (kanji.greight.third));
103   expand_pbox;
104 enddef;

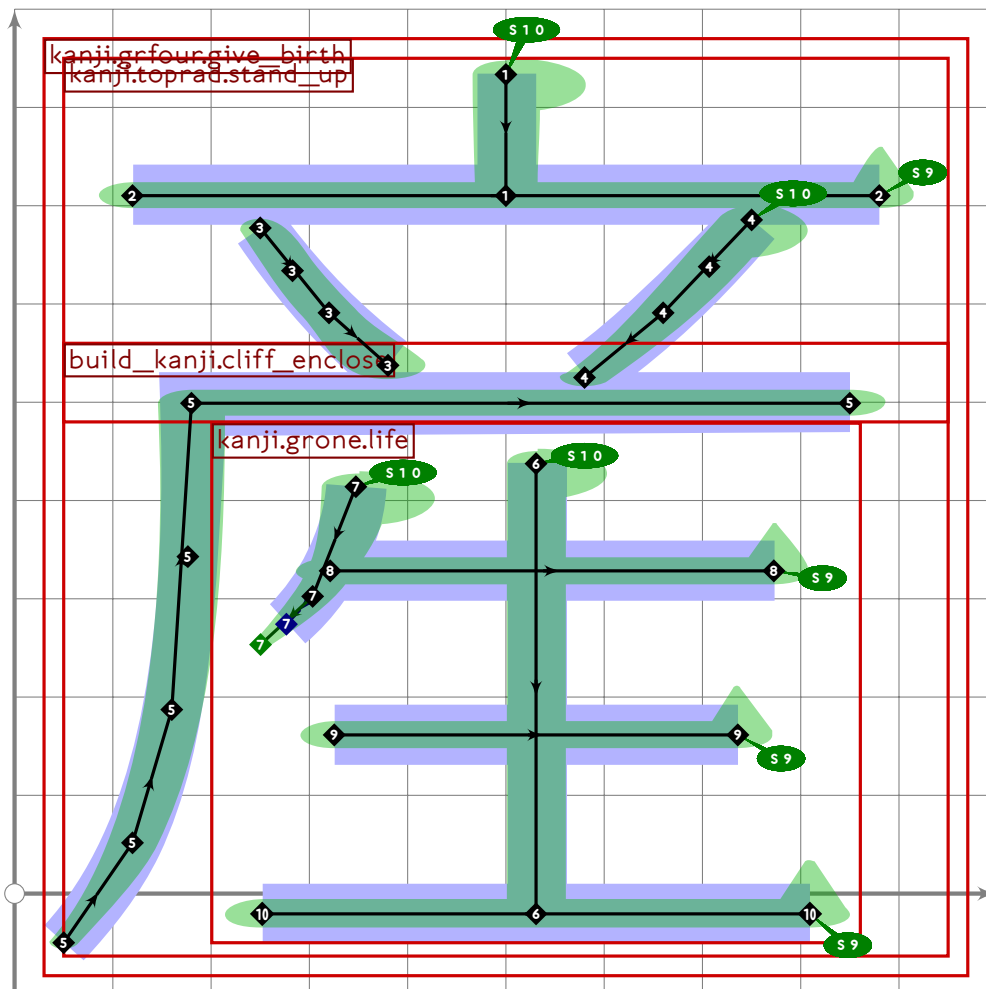
```



```

105
106 vardef kanji.grthree.realm =
107   push_pbox_toexpand("kanji.grthree.realm");
108   build_kanji.level(build_kanji.tb(460,80)
109     (kanji.grone.paddy)
110     (kanji.greight.mediate));
111   expand_pbox;
112 enddef;
113
114

```



```

115
116 vardef kanji.grfour.give_birth =
117   push_pbox_toexpand("kanji.grfour.give_birth");
118   build_kanji.level(build_kanji.tb(520,80)
119     (kanji.toprad.stand_up;pop_stroke)
120     (build_kanji.cliff_enclose(build_kanji.sscale(shifted (-40,0))
121       (kanji.grone.life))));
122   expand_pbox;
123 enddef;
124
125
126
127 vardef build_kanji.sickness_enclose(text contents) =
128   push_pbox_toexpand("build_kanji.sickness_enclose");
129   perl_structure:=perl_structure&"eids.u2FF8.u7592.2_";
130   push_stroke((570,810)-(570,660),
131     (1,6,1,6)-(1,5,1,5));
132   set_boserif(0,0,10);
133   push_stroke(
134     (80,-50)..(170,100)..(210,300)..tension 1.2..(230,660)-(850,660),
135     (1,1)-(1,3,1,3)-(1,5,1,5)-(1,6,1,6)-(1,6,1,6));

```

```

136 set_botip(0,3,1);
137 push_stroke((70,580)..tension 1.2..(100,510)..(120,440),
138   (1,1)-(14,14)-(1,6,1,6));
139 push_stroke((40,260)..tension 1.2..(110,300)..(150,330),
140   (1,7,1,7)-(1,5,1,5)-(1,1,1,1));
141 begingroup
142   save t;
143   transform t;
144   (50,50) transformed t=(280,60);
145   (500,50) transformed t=(570,60);
146   (500,850) transformed t=(570,630);
147   tsu_xform(t)(contents);
148 endgroup;
149 expand_pbox;
150 enddef;
151
152 

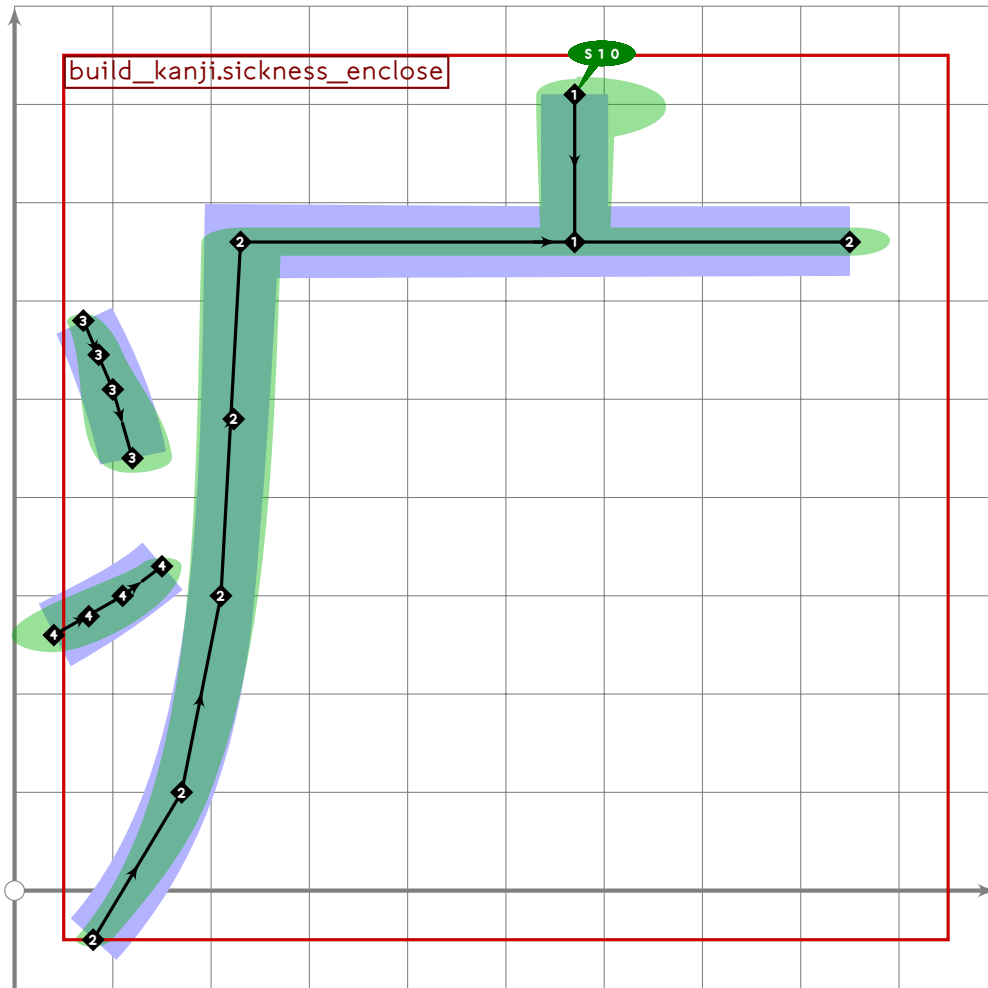
---


153
154 % kan/ama "sweet"
155 begintsuglyph("uni7518",24); [see page 774]
156   kanji.greight.sweet;
157   tsu_render;
158 endtsuglyph;
159
160 % sei/ki "life"
161 begintsuglyph("uni751F",31); [see page 444]
162   kanji.grone.life;
163   tsu_render;
164 endtsuglyph;
165
166 % san/u "give birth"
167 begintsuglyph("uni7523",35); [see page 2497]
168   kanji.grfour.give_birth;
169   tsu_render;
170 endtsuglyph;
171
172 % you/mochi "job"
173 begintsuglyph("uni7528",40); [see page 515]
174   kanji.grtwo.job;
175   tsu_render;
176 endtsuglyph;
177
178 % you "walled road"
179 begintsuglyph("uni752C",44); [see page 856]
180   kanji.rare.walled_road;
181   tsu_render;
182 endtsuglyph;
183

```

184 % ta "rice paddy"
 185 begintsuglyph("uni7530";48); [see page 456]
 186 kanji.grone.paddy;
 187 tsu_render;
 188 endtsuglyph;
 189
 190 % yu/yoshi "reason" or "cause"
 191 begintsuglyph("uni7531";49); [see page 592]
 192 kanji.grthree.reason;
 193 tsu_render;
 194 endtsuglyph;
 195
 196 % shin/mou "have the honour to," "monkey zodiac sign," etc.
 197 begintsuglyph("uni7533";51); [see page 577]
 198 kanji.grthree.have_honour;
 199 tsu_render;
 200 endtsuglyph;
 201
 202 % otoko "man"
 203 begintsuglyph("uni7537";55); [see page 446]
 204 kanji.grone.man;
 205 tsu_render;
 206 endtsuglyph;
 207
 208 % chuu/machi "town"
 209 begintsuglyph("uni753A";58); [see page 2491]
 210 kanji.grone.town;
 211 tsu_render;
 212 endtsuglyph;
 213
 214 % ga/ega "brush stroke" (or "picture" but that is reserved)
 215 begintsuglyph("uni753B";59); [see page 2492]
 216 kanji.grtwo.brush_stroke;
 217 tsu_render;
 218 endtsuglyph;
 219
 220 % kai "realm" (actually "world" but that is a collision)
 221 begintsuglyph("uni754C";76); [see page 2496]
 222 kanji.grthree.realm;
 223 tsu_render;
 224 endtsuglyph;
 225
 226 % fuku "roll of cloth"
 227 begintsuglyph("uni7550";80); [see page 848]
 228 kanji.rare.roll_of_cloth;
 229 tsu_render;
 230 endtsuglyph;
 231

232 % hata "farm"	
233 begintsuglyph("uni7551";81);	[see page 2494]
234 kanji.grthree.farm;	
235 tsu_render;	
236 endtsuglyph;	
237	
238 % ryuu/to "detain"	
239 begintsuglyph("uni7559";89);	[see page 640]
240 kanji.grfive.detain;	
241 tsu_render;	
242 endtsuglyph;	
243	
244 % ban/tsuga "ordinal number"	
245 begintsuglyph("uni756A";106);	[see page 2493]
246 kanji.grtwo.ordinal;	
247 tsu_render;	
248 endtsuglyph;	
249	
250 % hiki/ashi "head" (counter for animals)	
251 begintsuglyph("uni758B";139);	[see page 782]
252 kanji.grnine.animal_counter;	
253 tsu_render;	
254 endtsuglyph;	
255	



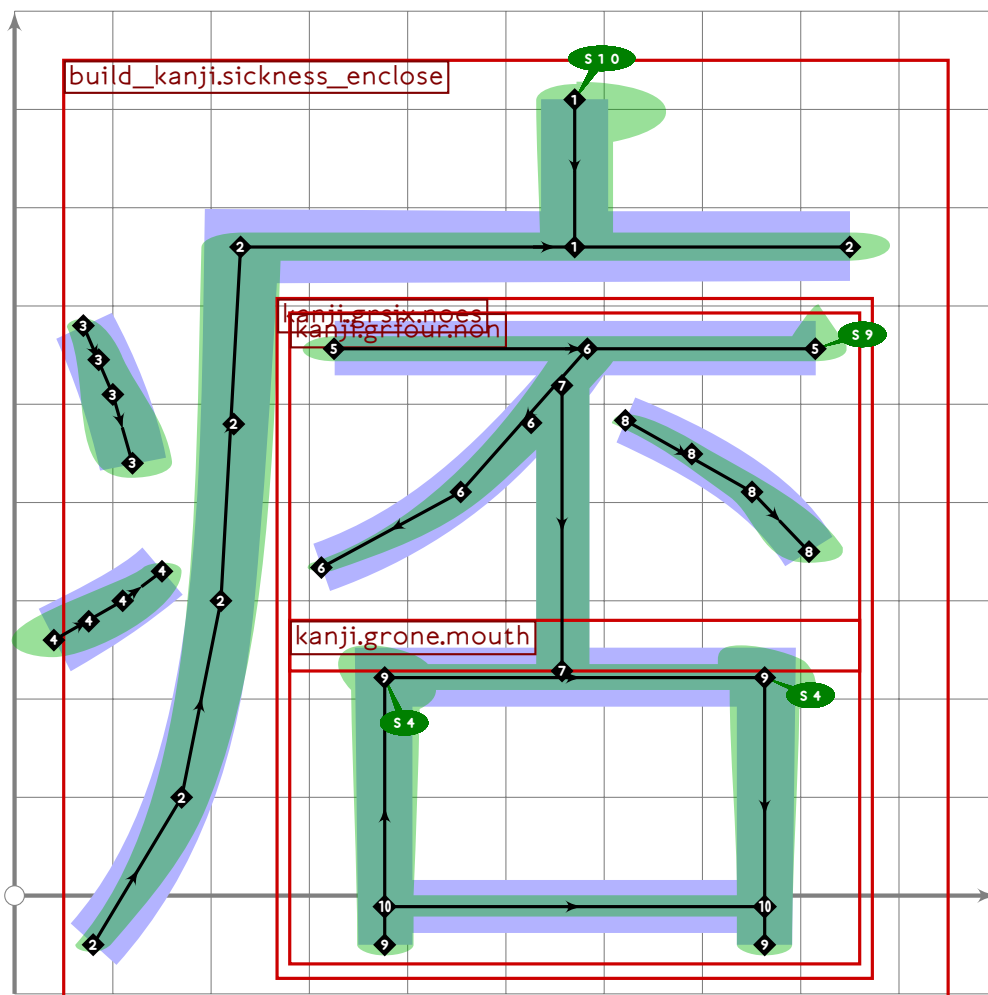
```

256 % extra: sickness enclosure radical
257 begintsuglyph("uni7592",146);
258   build_kanji.sickness_enclose();
259   tsu_render;
260 endtsuglyph;
261
262 % byou/ya "ill"
263 begintsuglyph("uni75C5",197);
264   kanji.grthree.ill;
265   tsu_render;
266 endtsuglyph;
267

```

[see page 2495]

U+75DE
tsuku.uni75DE



```

268 % extra: hi/tsukae "constipation"
269 begintsuglyph("uni75DE";222);
270   build_kanji.sickness_enclose(build_kanji.sscale
271     (yscaled 0.96 shifted (0;30))
272     (kanji.grsix.noes));
273   tsu_render;
274 endtsuglyph;
275
276
277
278 endfont;
279
280

```