

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

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2013年8月26日

August 26, 2013

Proofs and pretty-printed source code for Tsukurimashou
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U+7600 to U+89FF

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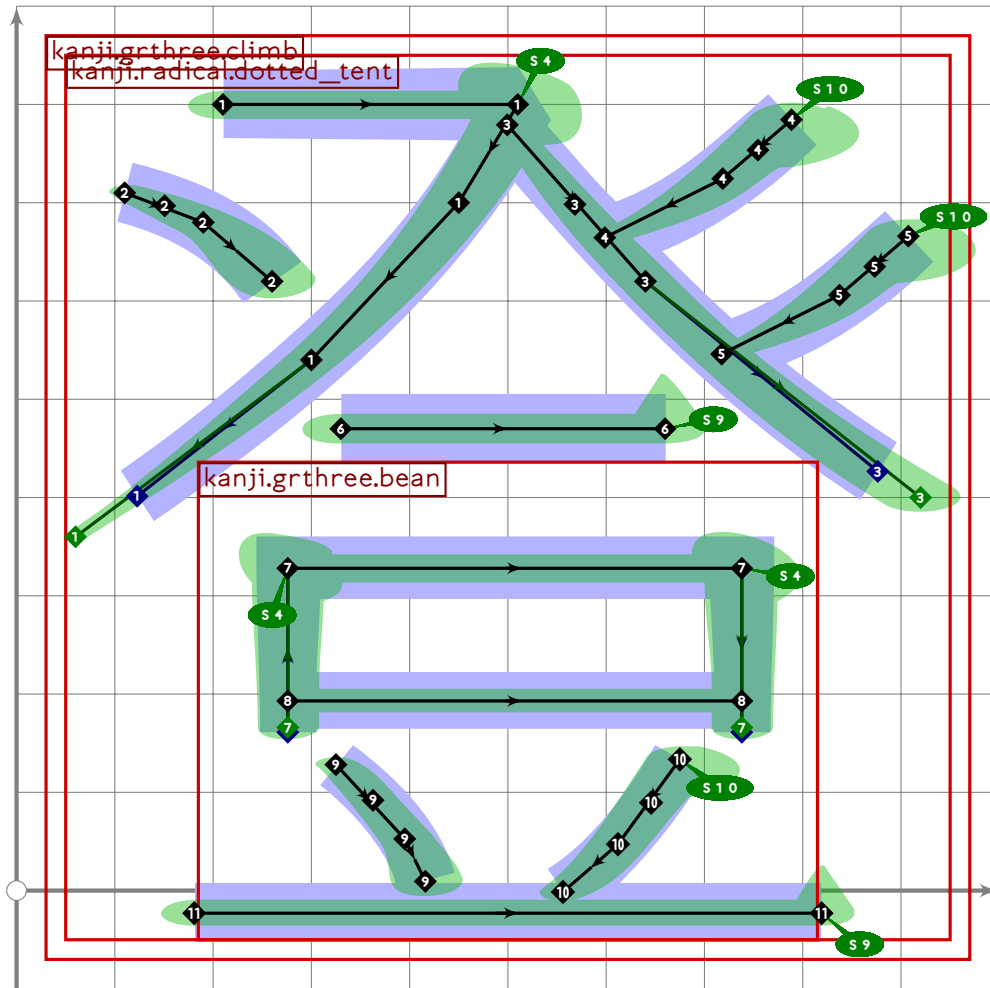

```
1 %
2 % Unicode page 76 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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
49 do_late_includes;
50
51 

---

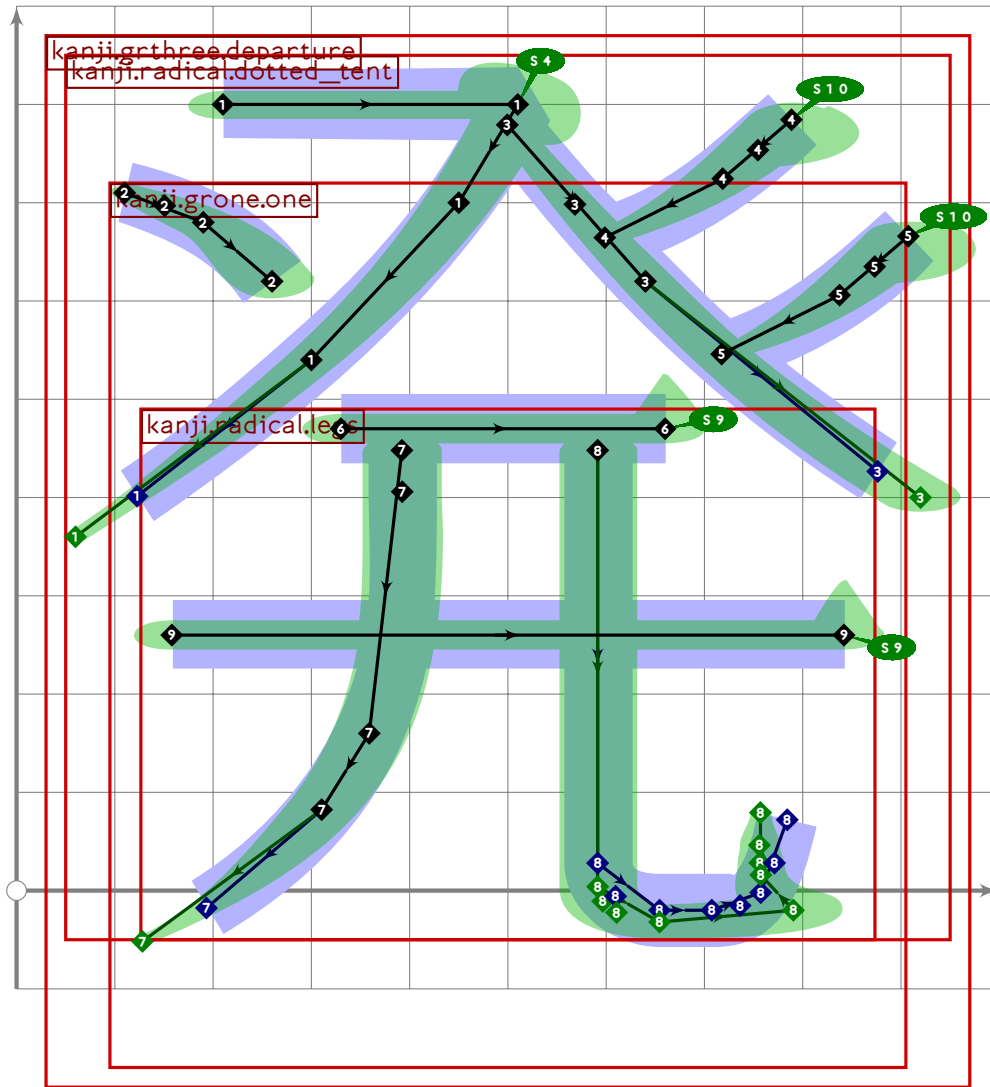

```



```

52
53 vardef kanji.grthree.climb =
54   push_pbox_toexpand("kanji.grthree.climb");
55   kanji.radical.dotted_tent;
56   tsu_xform(identity shifted (-500,50) xscaled (0.7,0.54) shifted (500;50))
57     (kanji.grthree.bean);
58   obstacktype[find_whatsoever(otstroke,5)]:=otnull;
59   replace_strokep(0)(oldp shifted (-500,0) xscaled 1.2 shifted (500,0));
60   expand_pbox;
61 enddef;

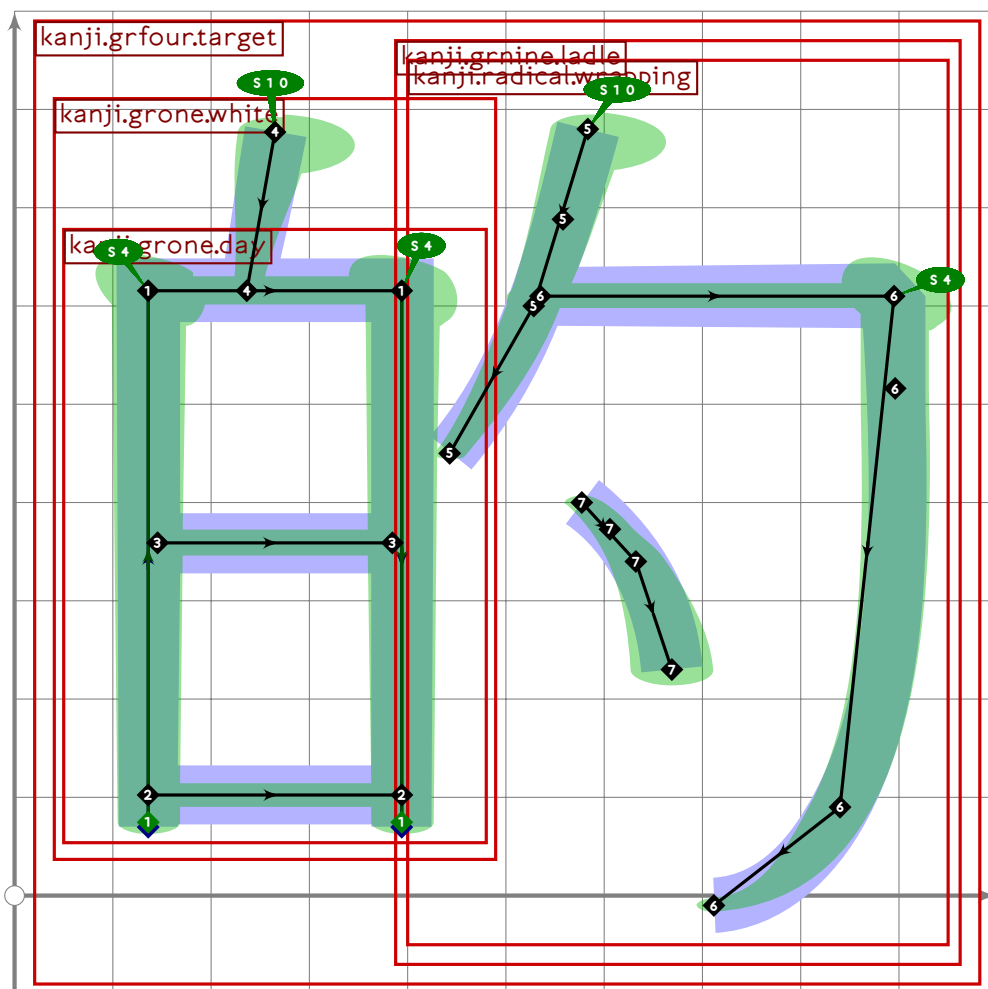
```



```

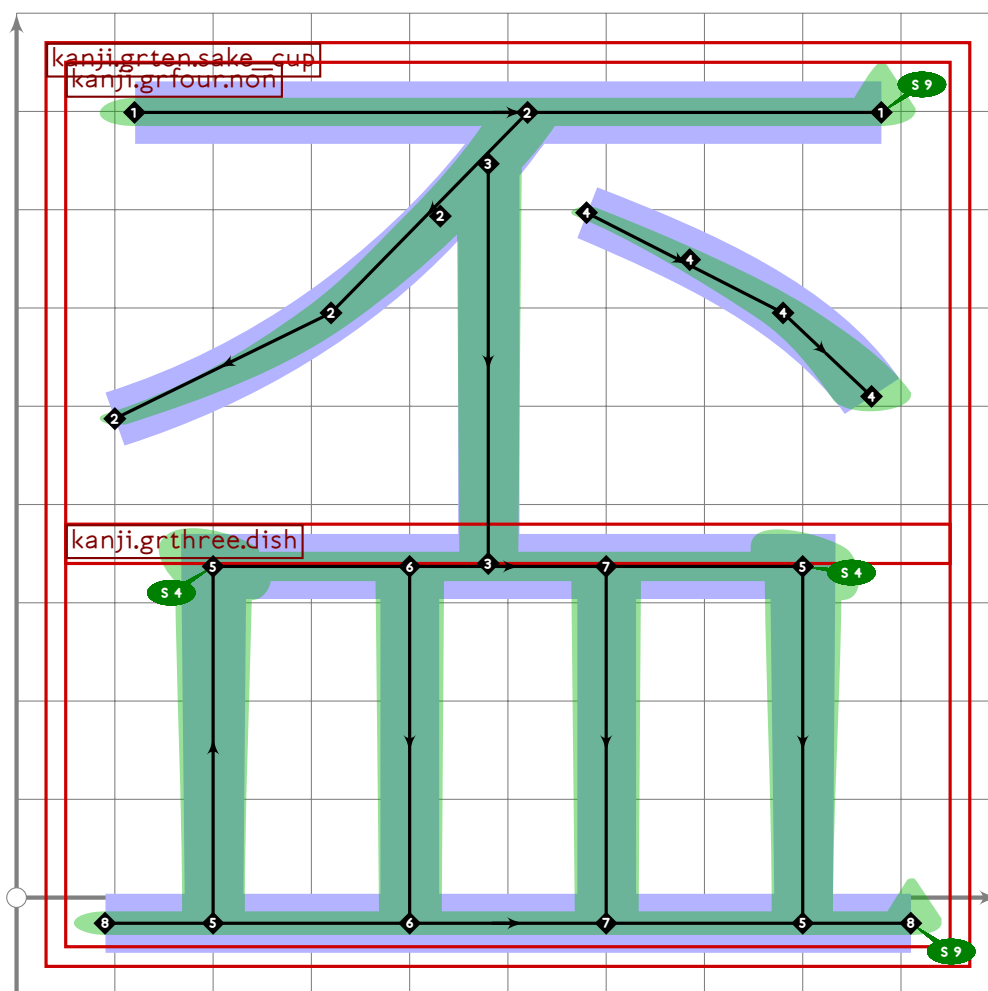
62
63 vardef kanji.grthree.departure =
64   push_pbox_toexpand("kanji.grthree.departure");
65   build_kanji.level(
66     kanji.radical.dotted_tent;
67     tsu_xform(identity shifted (-500,50) xyscaled (0.83,0.6) shifted (500,-50))
68     (kanji.radical.legs);
69     build_kanji.sscale(xscaled 0.9 shifted (0,-130))(kanji.grone.one));
70   expand_pbox;
71 enddef;
72
73

```



```

74
75 vardef kanji.grfour.target =
76   push_pbox_toexpand("kanji.grfour.target");
77   build_kanji.level(build_kanji.lr(440,80)
78     (build_kanji.sscale(yscaled 0.85 shifted (0,30))
79       (kanji.grone.white))
80     (kanji.grnine.ladle));
81   expand_pbox;
82 enddef;
83
84
```



```

85
86 vardef kanji.grten.sake_cup =
87   push_pbox_toexpand("kanji.grten.sake_cup");
88   build_kanji.tb(360,40)
89     (kanji.grfour.non)
90     (kanji.grthree.dish);
91   expand_pbox;
92 enddef;
93
94
95
96 % "dotted tent" radical (macro includes floor inside tent)
97 begintsuglyph("uni7676";118);
98   kanji.radical.dotted_tent;
99   tsu_render;
100 endtsuglyph;
101
102 % hatsu/ta "departure"
103 begintsuglyph("uni767A";122);
104   kanji.grthree.departure;
105   tsu_render;

```

[see page 693]

[see page 2507]

```

106 endtsuglyph;
107
108 % tou/nobo "climb"
109 begintsuglyph("uni767B";123); [see page 2506]
110   kanji.grthree.climb;
111   tsu_render;
112 endtsuglyph;
113
114 % shiro "white"
115 begintsuglyph("uni767D";125); [see page 480]
116   kanji.grone.white;
117   tsu_render;
118 endtsuglyph;
119
120 % hyako/momo "hundred"
121 begintsuglyph("uni767E";126); [see page 442]
122   kanji.grone.hundred;
123   tsu_render;
124 endtsuglyph;
125
126 % teki/mato "target" and adjective ending
127 begintsuglyph("uni7684";132); [see page 2508]
128   kanji.grfour.target;
129   tsu_render;
130 endtsuglyph;
131
132 % kai/minna "everybody"
133 begintsuglyph("uni7686";134); [see page 746]
134   kanji.greight.everybody;
135   tsu_render;
136 endtsuglyph;
137
138 % kou "emperor"
139 begintsuglyph("uni7687";135); [see page 661]
140   kanji.grsix.emperor;
141   tsu_render;
142 endtsuglyph;
143
144 % hi/kawa "pelt"
145 begintsuglyph("uni76AE";174); [see page 590]
146   kanji.grthree.pelt;
147   tsu_render;
148 endtsuglyph;
149
150 % bei/sara "dish"
151 begintsuglyph("uni76BF";191); [see page 569]
152   kanji.grthree.dish;
153   tsu_render;

```

```

154 endtsuglyph;
155
156 % hai/sakazuki "sake cup"
157 begintsuglyph("uni76C3";195); [see page 2509]
158   kanji.grten.sake_cup;
159   tsu_render;
160 endtsuglyph;
161
162 % moku/me "eye"
163 begintsuglyph("uni76EE";238); [see page 433]
164   kanji.grone.ey;
165   tsu_render;
166 endtsuglyph;
167
168 % choku/nao multiple meanings including "straight" and "honesty"
169 % "The 'nao' in Naota is for honesty"
170 begintsuglyph("uni76F4";244); [see page 544]
171   kanji.grtwo.straight;
172   tsu_render;
173 endtsuglyph;
174
175 % sou/ai "mutual" but also "indication seen by fortune teller"
176 begintsuglyph("uni76F8";248); [see page 568]
177   kanji.grthree.correlation;
178   tsu_render;
179 endtsuglyph;
180
181 _____
182
183 endfont;
184
185 _____

```

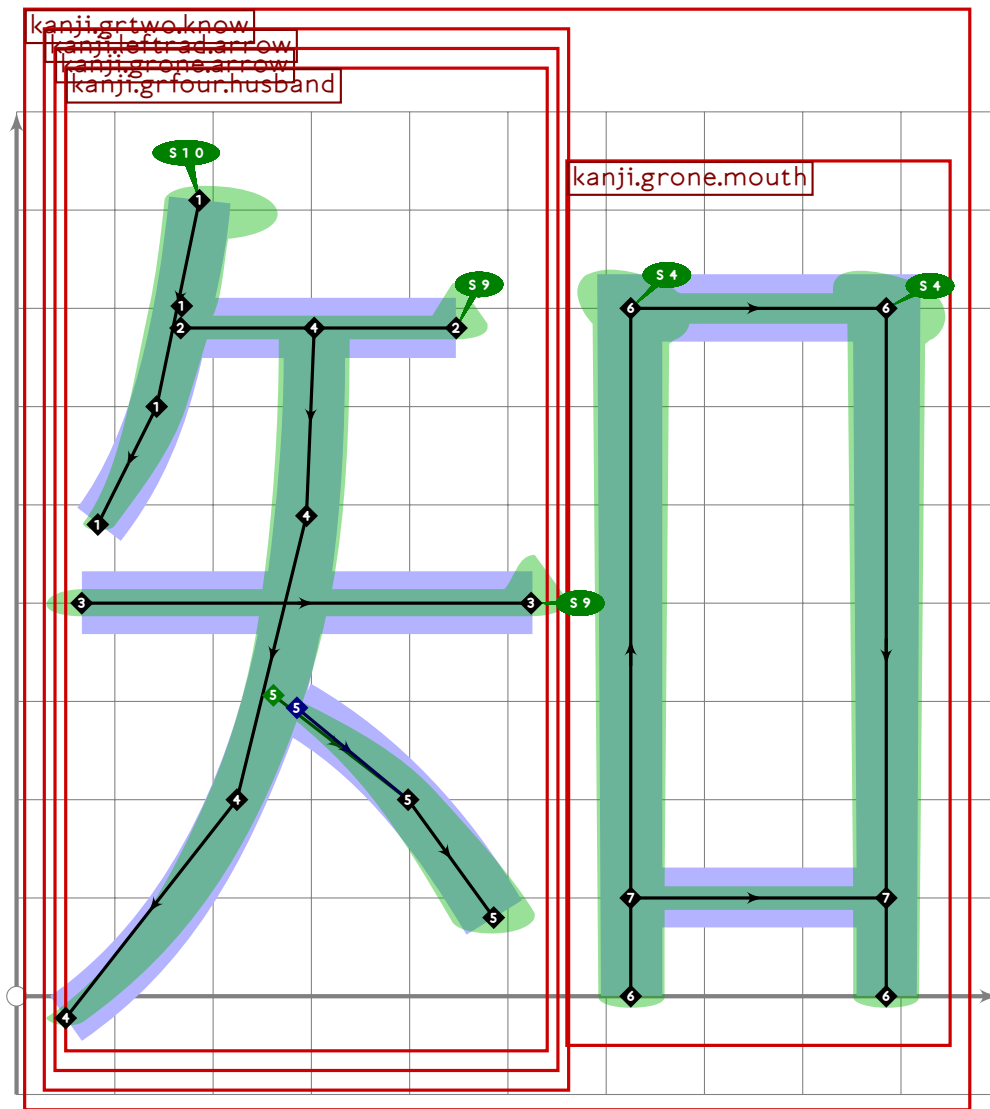
```
1 %
2 % Unicode page 77 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

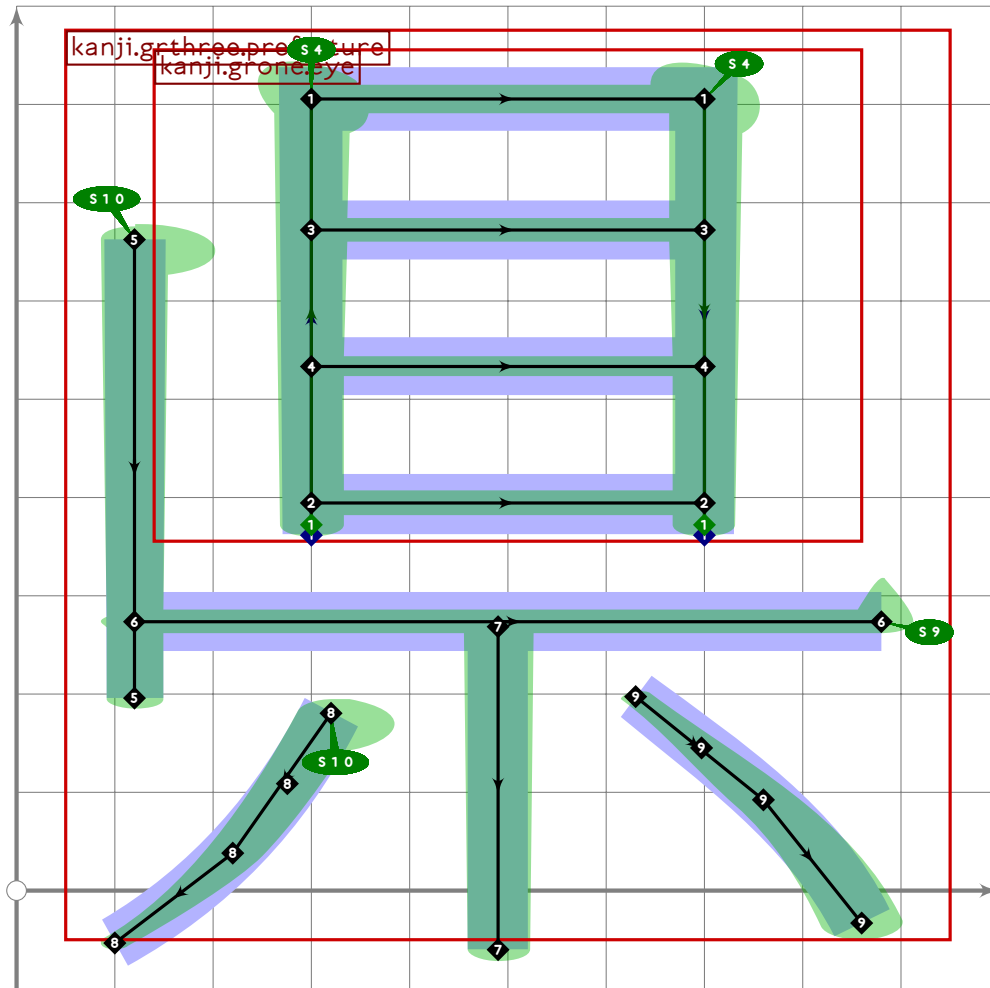

```



```

46
47 vardef kanji.grtwo.know =
48   push_pbox_toexpand("kanji.grtwo.know");
49   build_kanji.level(build_kanji.lr(550;20)
50     (kanji.leftrad.arrow)
51     (kanji.grone.mouth));
52   expand_pbox;
53 enddef;
54
55

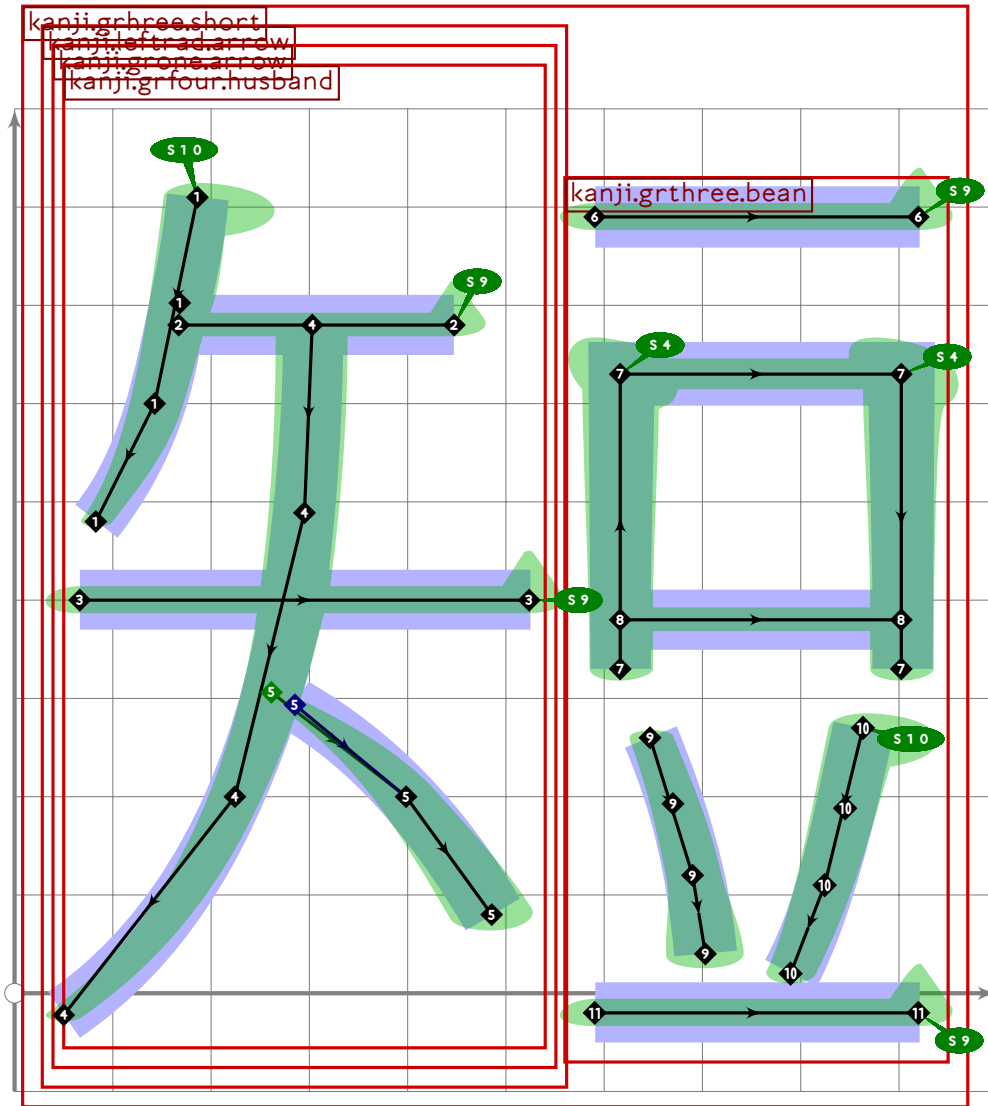
```



```

56
57 vardef kanji.grthree.prefecture =
58   push_pbox__toexpand("kanji.grthree.prefecture");
59   build_kanji.level(build_kanji.tb(240,30)
60     (build_kanji.sscale(scaled 0.80 shifted (0,100))(kanji.grone.eye);
61     build_kanji.cup((120,580),(880,20));
62     set_bosize(-1,0);
63     set_bosetif(0,19))
64     (push_stroke((490,890)-(490,-80),(1.6,1.6)-(1.5,1.5));
65     push_stroke((320,630)..tension 1.3..(220,210)..(100,-60),
66       (1.6,1.6)-(1.5,1.5)-(1,1));
67     set_bosetif(0,0,10);
68     push_stroke((630,680)..tension 1.3..(760,370)..(860,0),
69       (1,1)-(1.5,1.5)-(1.8,1.8))));
70   expand__pbox;
71 enddef;

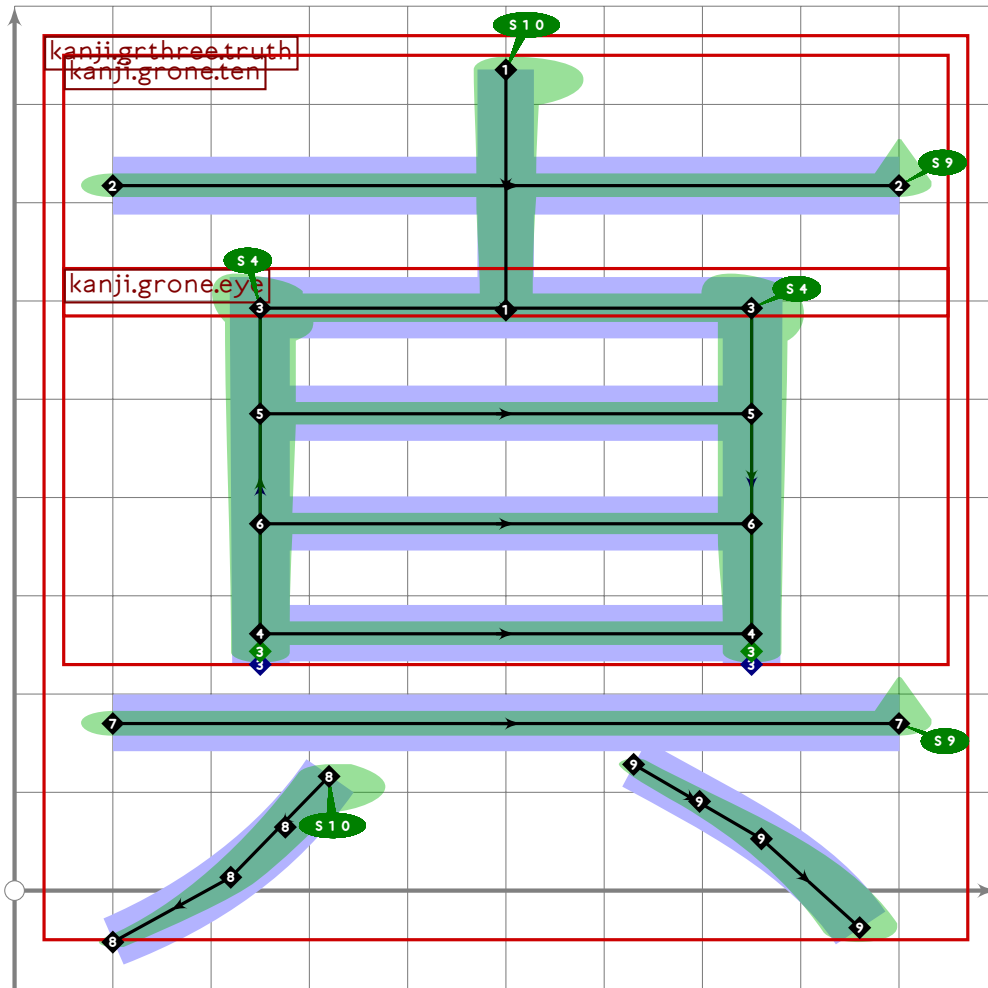
```



```

72
73 vardef kanji.grthree.short =
74   push_pbox_toexpand("kanji.grthree.short");
75   build_kanji.level(build_kanji.lr(550;-20)
76     (kanji.leftrad.arrow)
77     (tsu_xform(identity shifted (0;-20))(kanji.grthree.bean)));
78   expand_pbox;
79 enddef;

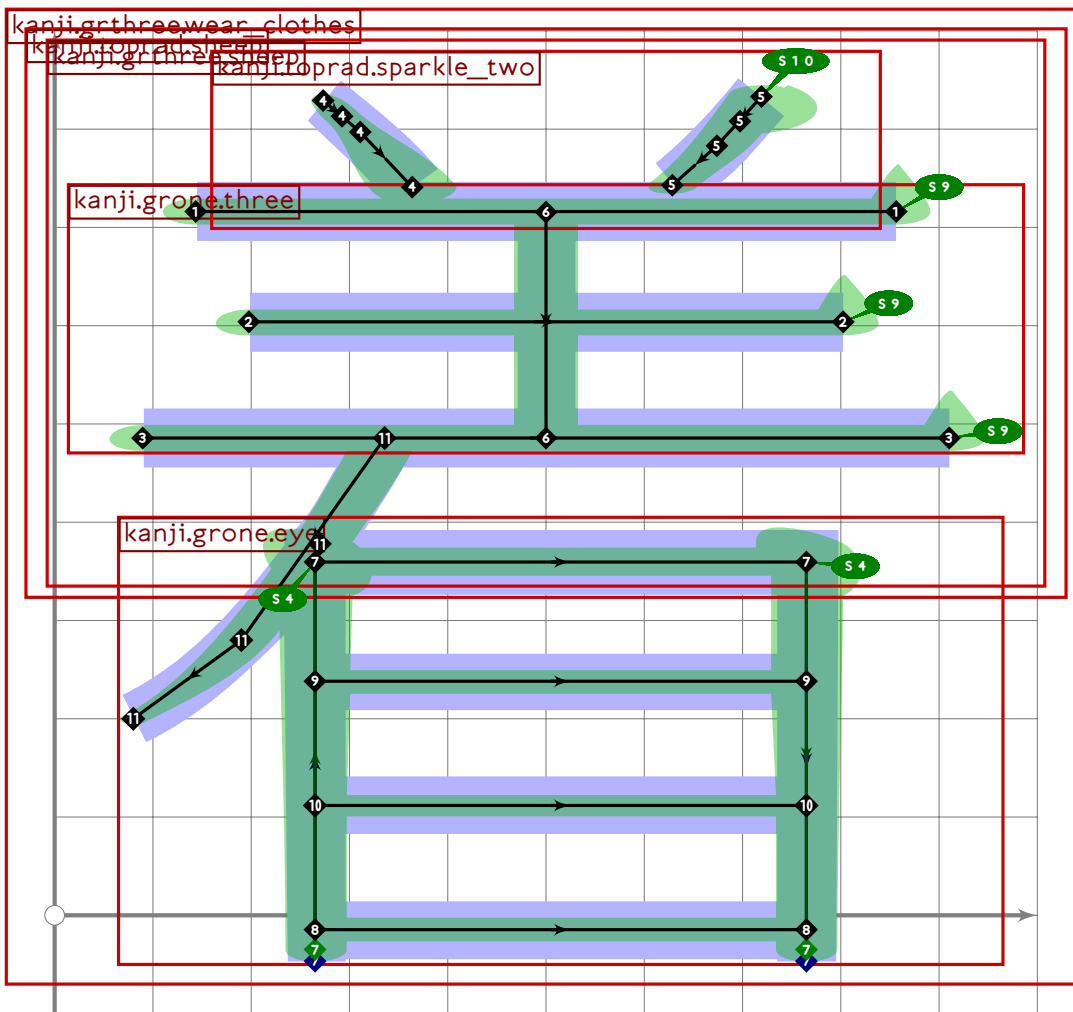
```



```

80
81 vardef kanji.grthree.truth =
82   push_pbox_toexpand("kanji.grthree.truth");
83   build_kanji.level(build_kanji.tb(200,-60)
84     (build_kanji.tb(500,70)
85       (kanji.grone.ten)
86       (kanji.grone.eye))
87   (push_stroke((100,850)-(900,850),(1.6,1.6)-(1.6,1.6));
88     set_boserif(0,1,9);
89     push_stroke((320,630)..tension 1.3..(220,210)..(100,-60),
90       (1.6,1.6)-(1.5,1.5)-(1,1));
91     set_boserif(0,0,10);
92     push_stroke((630,680)..tension 1.3..(760,370)..(860,0),
93       (1,1)-(1.5,1.5)-(1.8,1.8))));
94   expand_pbox;
95 enddef;

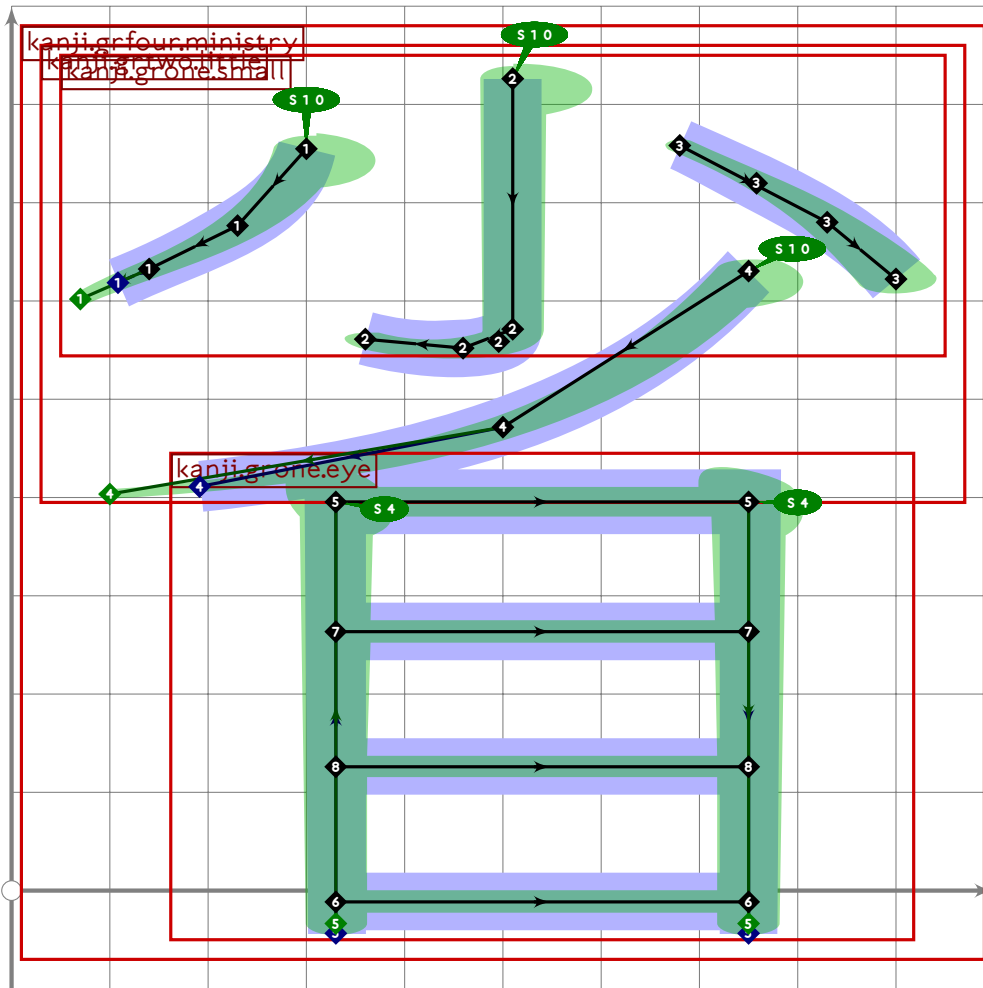
```



```

96
97 vardef kanji.grthree.wear_clothes =
98   push_pbox_toexpand("kanji.grthree.wear_clothes");
99   build_kanji.level(
100     build_kanji.tb(370,70)
101     (build_kanji.sscale(xscaled 1.08)(kanji.toprad.sheep))
102     (tsu_xform(identity shifted (15,0))(kanji.grthree.eyes));
103   push_stroke(
104     (point 0.30 of get_stroke(-7))..tension 1.2..(190,280)..(80,200),
105     (1.6,1.6)-(1.4,1.4)-(1,1));
106   expand_pbox;
107 enddef;
108
109

```



```

110
111 vardef kanji.grfour.ministry =
112   push_pbox_toexpand("kanji.grfour.ministry");
113   build_kanji.level(build_kanji.tb(420,50)
114     (kanji.grtwo.little)
115     (build_kanji.sscale(xscaled 0.84 shifted (40,0))(kanji.grone.ey)));
116   expand_pbox;
117 enddef;
118
119
120
121 vardef kanji.leftrad.arrow =
122   push_pbox_toexpand("kanji.leftrad.arrow");
123   kanji.grtwo.arrow;
124   replace_strokep(0)((point 1.6 of get_strokep(-1)).(690,200)..(850,80));
125   replace_strokeq(0)((0,0,9)-(1.5,1.5)-(1.8,1.8));
126   expand_pbox;
127 enddef;
128
129
130

```

131 % sei/kaeri "ministry"

132 begintsuglyph("uni7701";1);

[see page 2518]

133 kanji.grfour.ministry;

134 tsu_render;

135 endtsuglyph;

136

137 % ken/ka "prefecture"

138 begintsuglyph("uni770C";12);

[see page 2514]

139 kanji.grthree.prefecture;

140 tsu_render;

141 endtsuglyph;

142

143 % shin/ma "truth"

144 begintsuglyph("uni771F";31);

[see page 2516]

145 kanji.grthree.truth;

146 tsu_render;

147 endtsuglyph;

148

149 % chaku/ki/tsu "wear clothes"

150 begintsuglyph("uni7740";64);

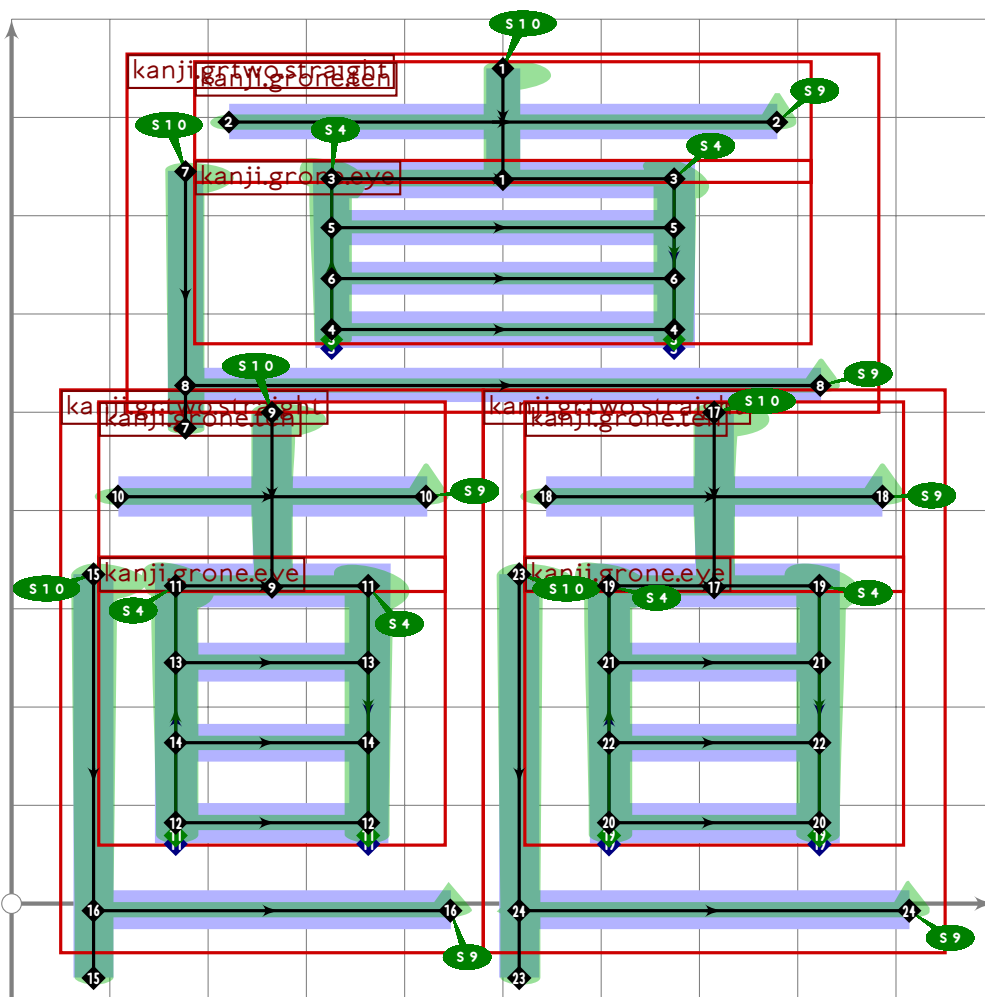
[see page 2517]

151 kanji.grthree.wear_clothes;

152 tsu_render;

153 endtsuglyph;

154



```

155 % extra: "luxuriance"
156 begintsuglyph("uni77D7";215);
157   build_kanji.tricluster(0.85)
158     (build_kanji.thickness(0.7)(kanji.grtwo.straight))
159     (build_kanji.thickness(0.8)(kanji.grtwo.straight))
160     (build_kanji.thickness(0.8)(kanji.grtwo.straight));
161   tsu_render;
162 endtsuglyph;
163
164 % shi/ya "arrow"
165 begintsuglyph("uni77E2";226);
166   kanji.grtwo.arrow;
167   tsu_render;
168 endtsuglyph;
169
170 % chi/shi "to know"
171 begintsuglyph("uni77E5";229);
172   kanji.grtwo.know;
173   tsu_render;
174 endtsuglyph;
175

```

[see page 483]

[see page 2513]

```
176 % tan/mijika "short"
177 begintsuglyph("uni77ED";237);
178   kanji.grthree.short;
179   tsu_render;
180 endtsuglyph;
181
182 % seki/ishi "stone"
183 begintsuglyph("uni77F3";243);
184   kanji.grone.stone;
185   tsu_render;
186 endtsuglyph;
187
188 _____
189
190 endfont;
191
192 _____
```

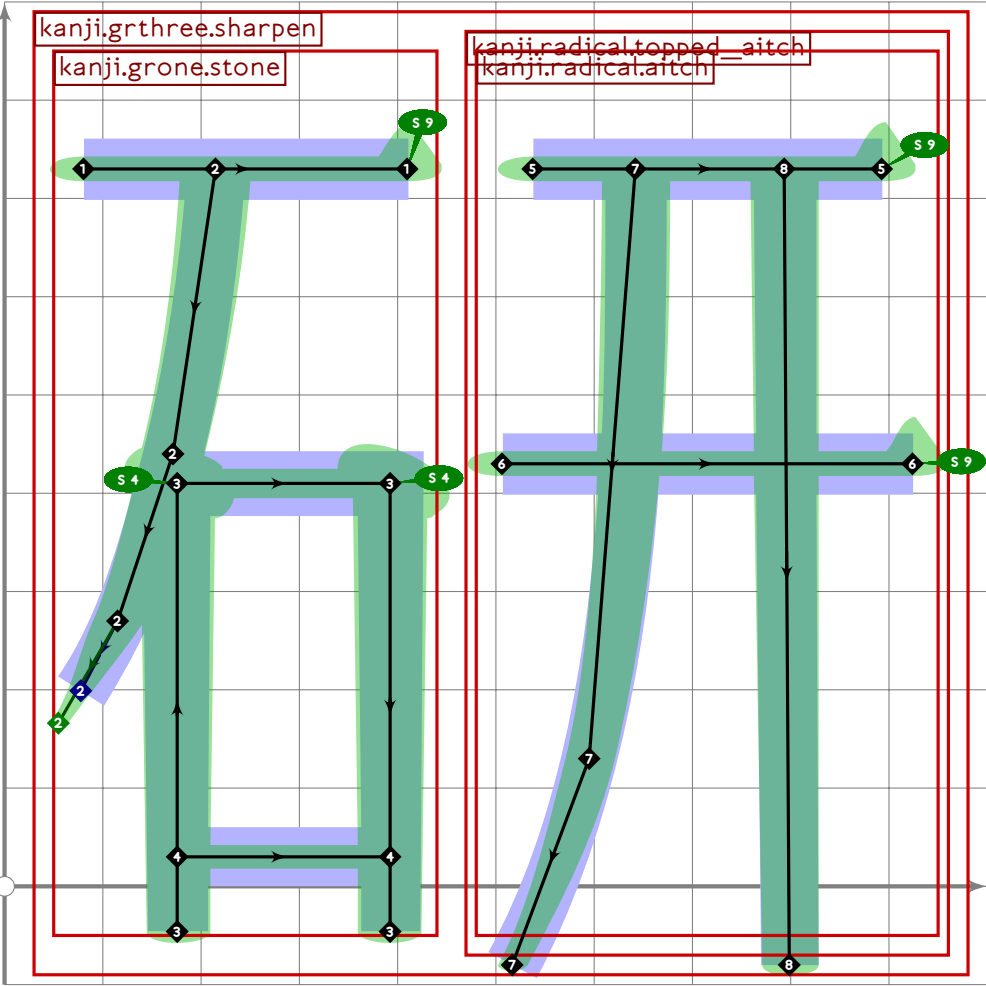
[see page 2515]

[see page 471]

tsuku-78.mp

78

```
1 %
2 % Unicode page 78 (Kanji) for Tsukurimashou
3 % Copyright (C) 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeone.mp;
38 input radical.mp;
39
40 do_late_includes;
41
42
```



```

44 vardef kanji.grthree.sharpen =
45   push_pbox_toexpand("kanji.grthree.sharpen");
46   build_kanji.level(build_kanji.lr(460,-40)
47     (kanji.grone.stone)
48     (kanji.radical.topped_aitch));
49   expand_pbox;
50 enddef;
51
52 _____
53
54 % ken/to "sharpen"
55 begintsuglyph("uni7814",20); [see page 2523]
56   kanji.grthree.sharpen;
57   tsu_render;
58 endtsuglyph;
59
60 _____
61
62 endfont;
63
64 _____

```

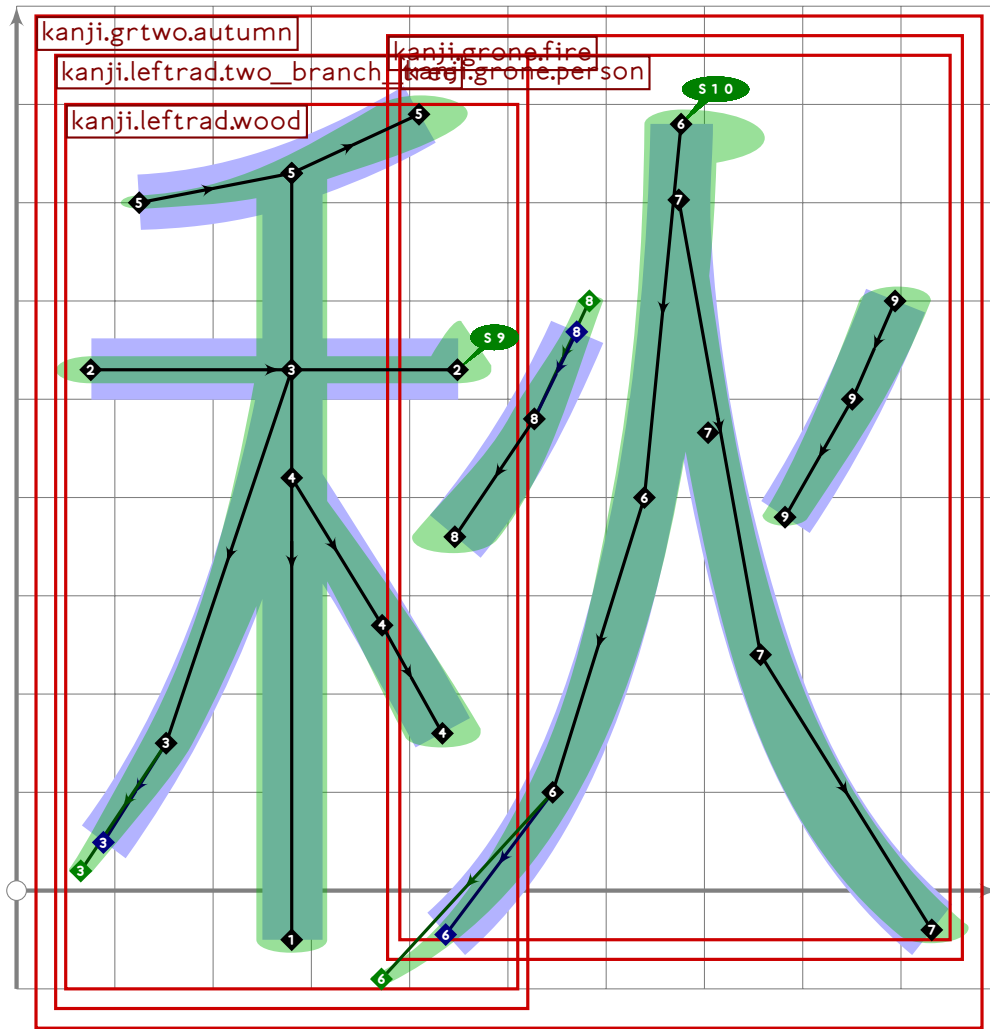
```
1 %
2 % Unicode page 79 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 

---

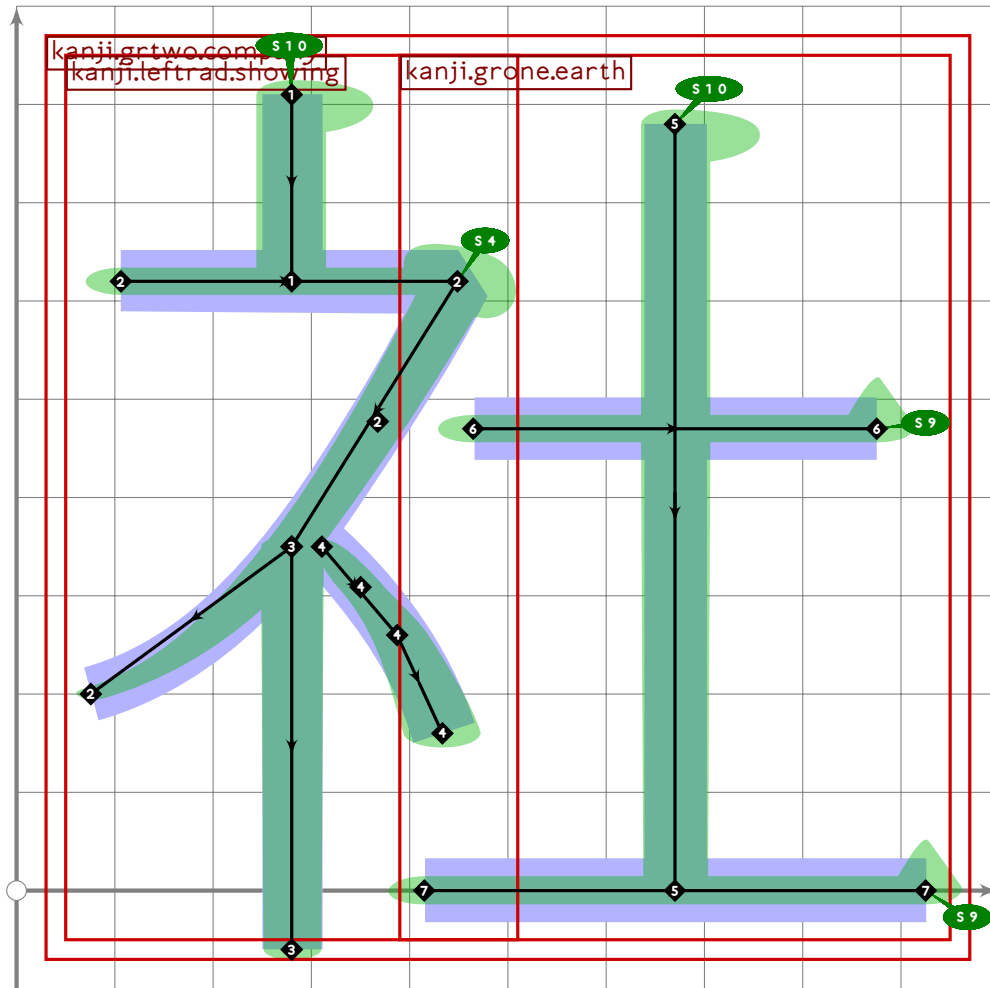

```



```

52
53 vardef kanji.grtwo.autumn =
54   push_pbox_toexpand("kanji.grtwo.autumn");
55   build_kanji.lr(450,120)
56     (kanji.leftrad.two_branch_tree)
57     (kanji.grone.fire);
58   expand_pbox;
59 enddef;

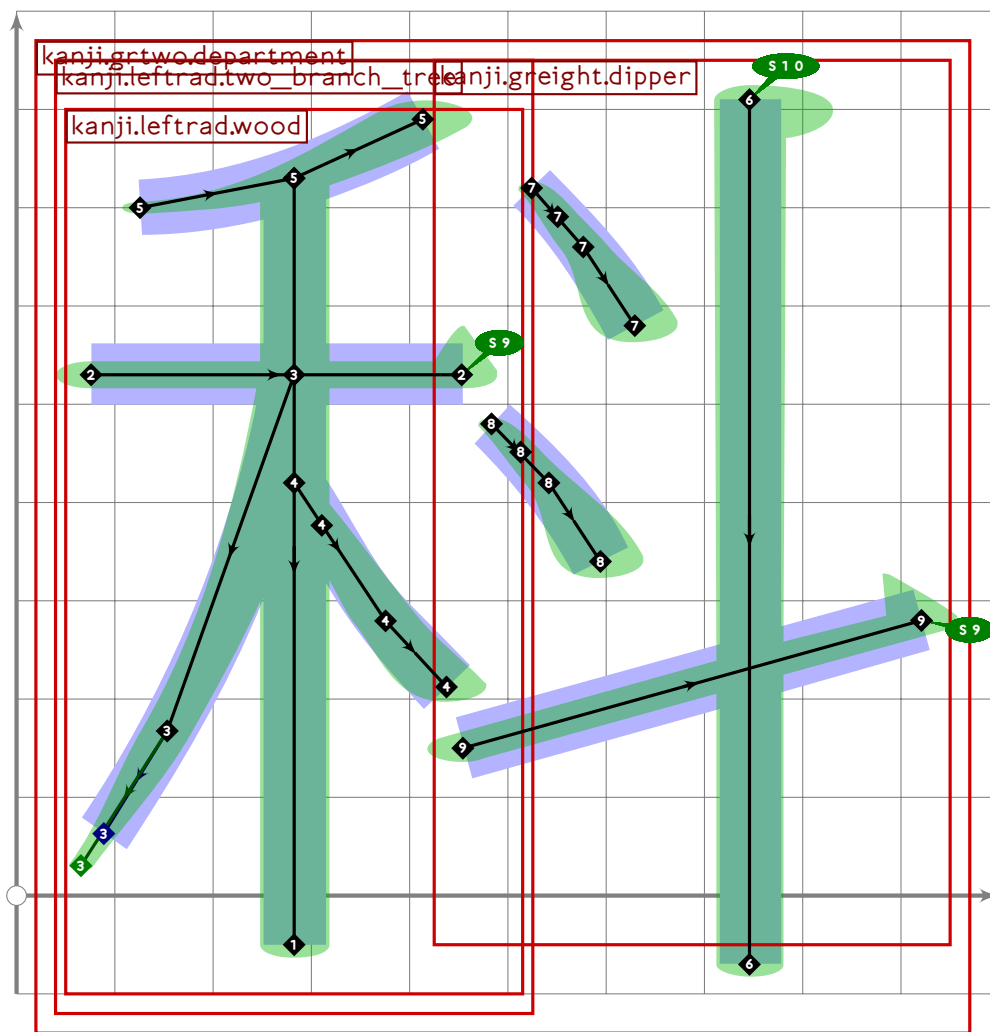
```



```

60
61 vardef kanji.grtwo.company =
62   push_pbox_toexpand("kanji.grtwo.company");
63   build_kanji.lr(450,120)
64     (kanji.leftrad.showing)
65     (kanji.grone.earth);
66   expand_pbox;
67 enddef;

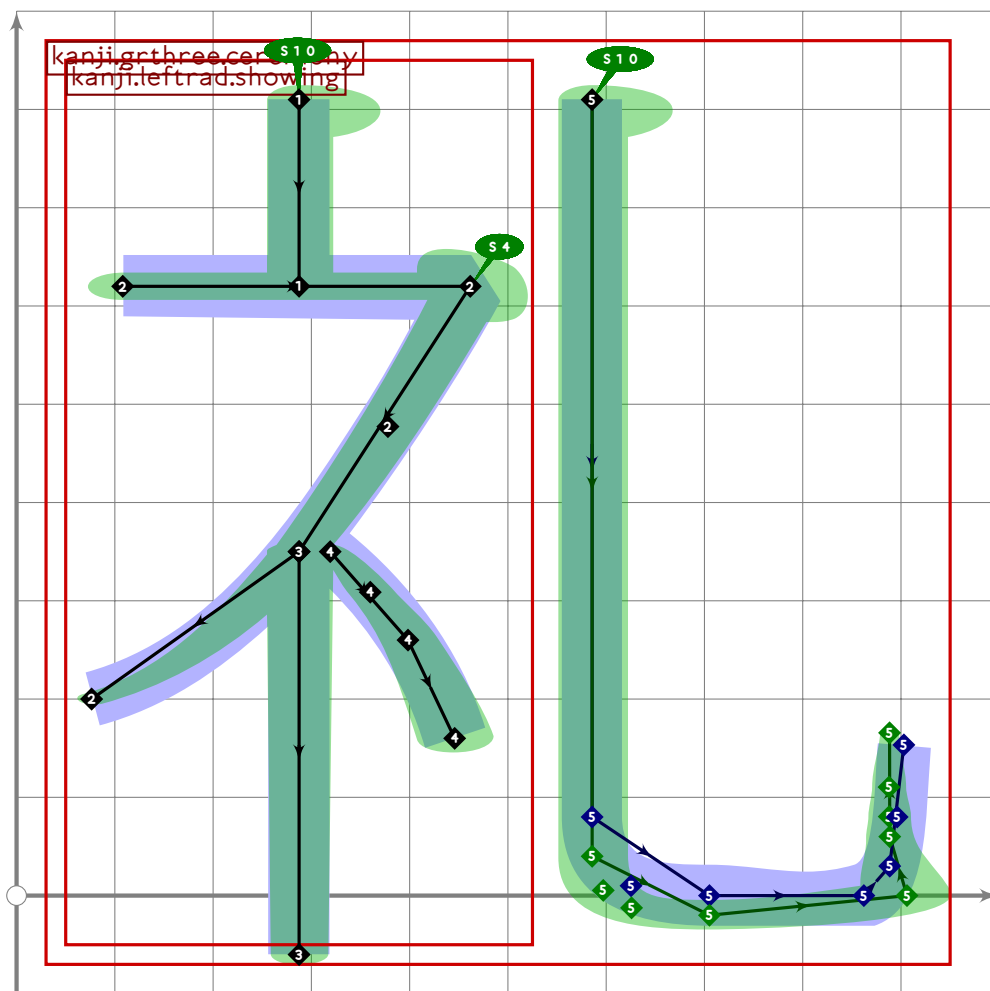
```



```

68
69 vardef kanji.grtwo.department =
70   push_pbox_toexpand("kanji.grtwo.department");
71   build_kanji.lr(470,90)
72     (build_kanji.lift_skirt(300,140)
73       (kanji.leftrad.two_branch_tree);
74     replace_stroke(-4)((point 0 of oldp)..(xpart point 1 of oldp,50)))
75     (kanji.greight.dipper);
76   expand_pbox;
77 enddef;
78
79

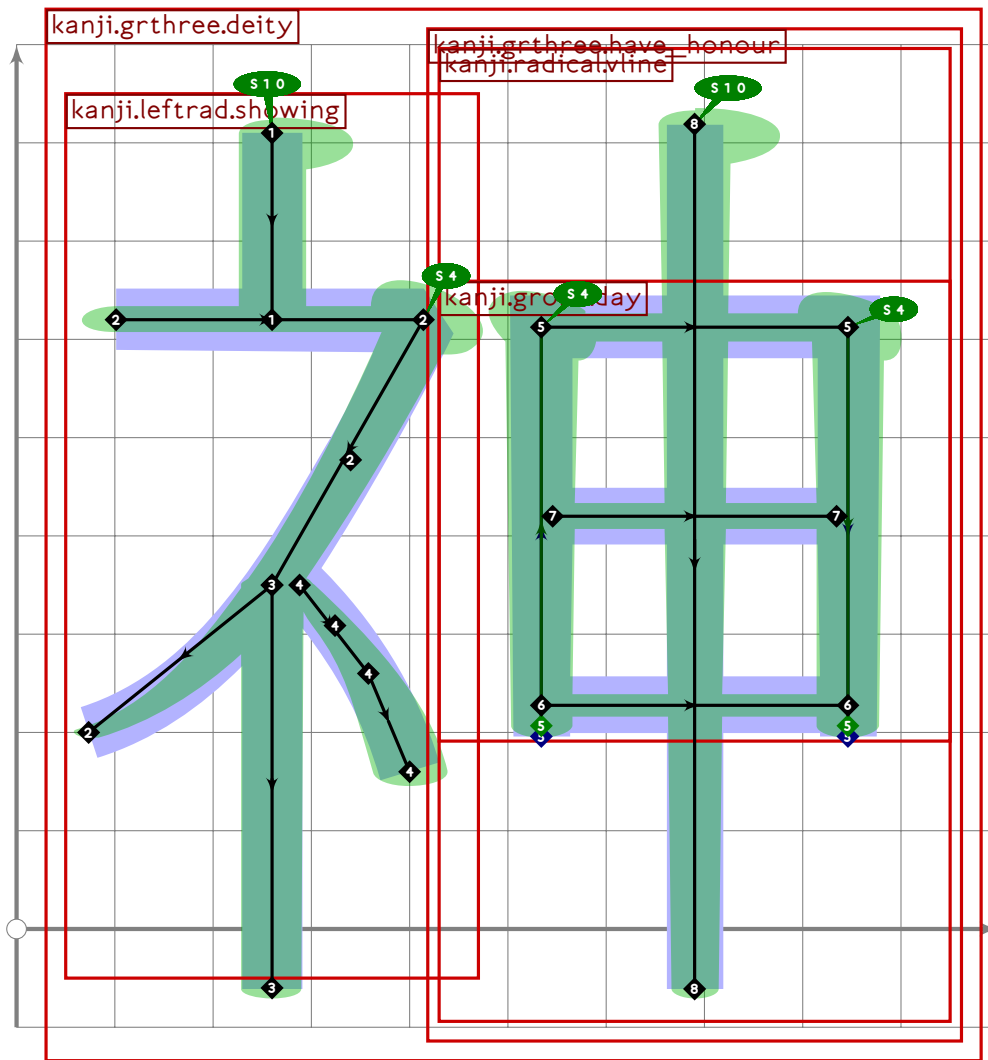
```



```

80
81 vardef kanji.grthree.ceremony =
82   push_pbox__toexpand("kanji.grthree.ceremony");
83   build_kanji.lr(540,-30)
84     (kanji.leftrad.showing)
85     (push_stroke((120,810),(1.6,1.6));
86       set_boserif(0,0,10);
87       build_kanji.add_ltail(0));
88   expand_pbox;
89 enddef;

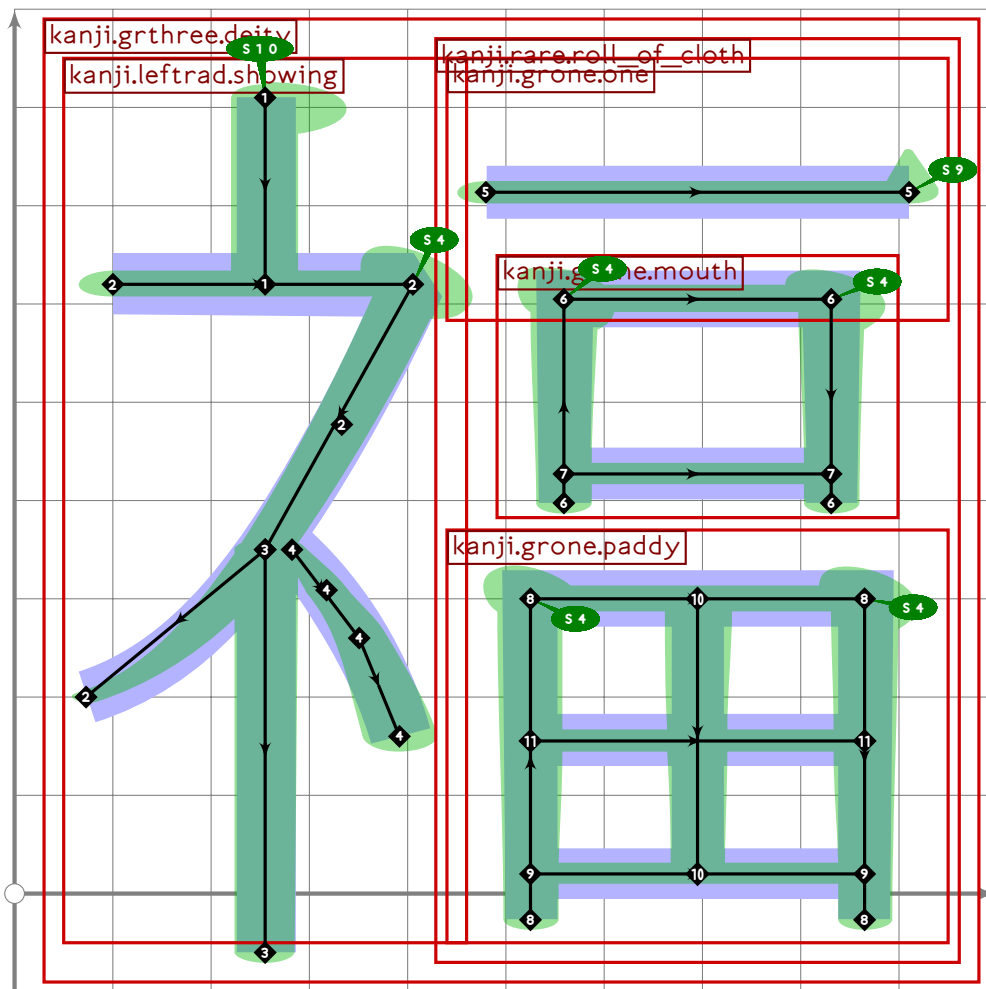
```



```

90
91 vardef kanji.grthree.deity =
92   push_pbox_toexpand("kanji.grthree.deity");
93   build_kanji.lr(450,40)
94     (kanji.leftrad.showing)
95     (kanji.grthree.have_honour);
96   expand_pbox;
97 enddef;

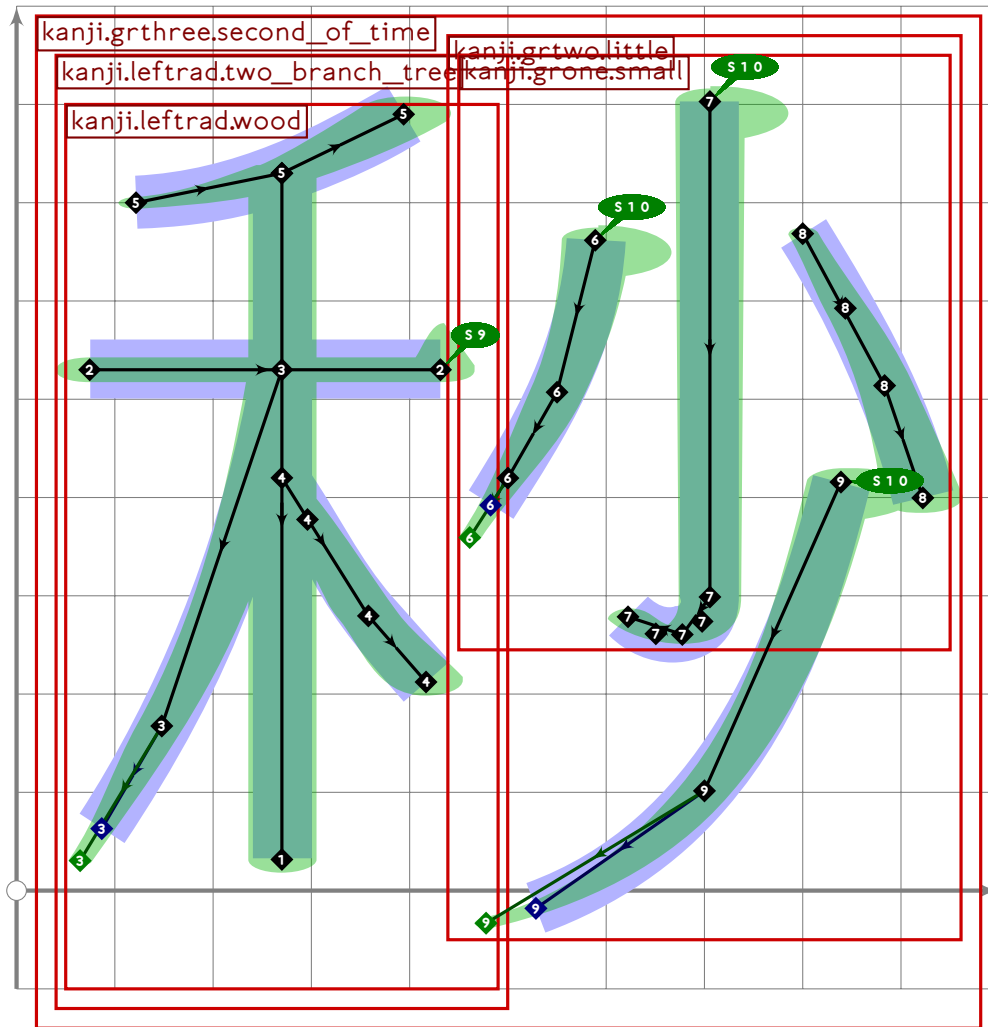
```



```

98
99 vardef kanji.grthree.good_luck =
100   push_pbox_toexpand("kanji.grthree.deity");
101   build_kanji.lr(450,20)
102     (kanji.leftrad.showing)
103     (kanji.rare.roll_of_cloth);
104   expand_pbox;
105 enddef;

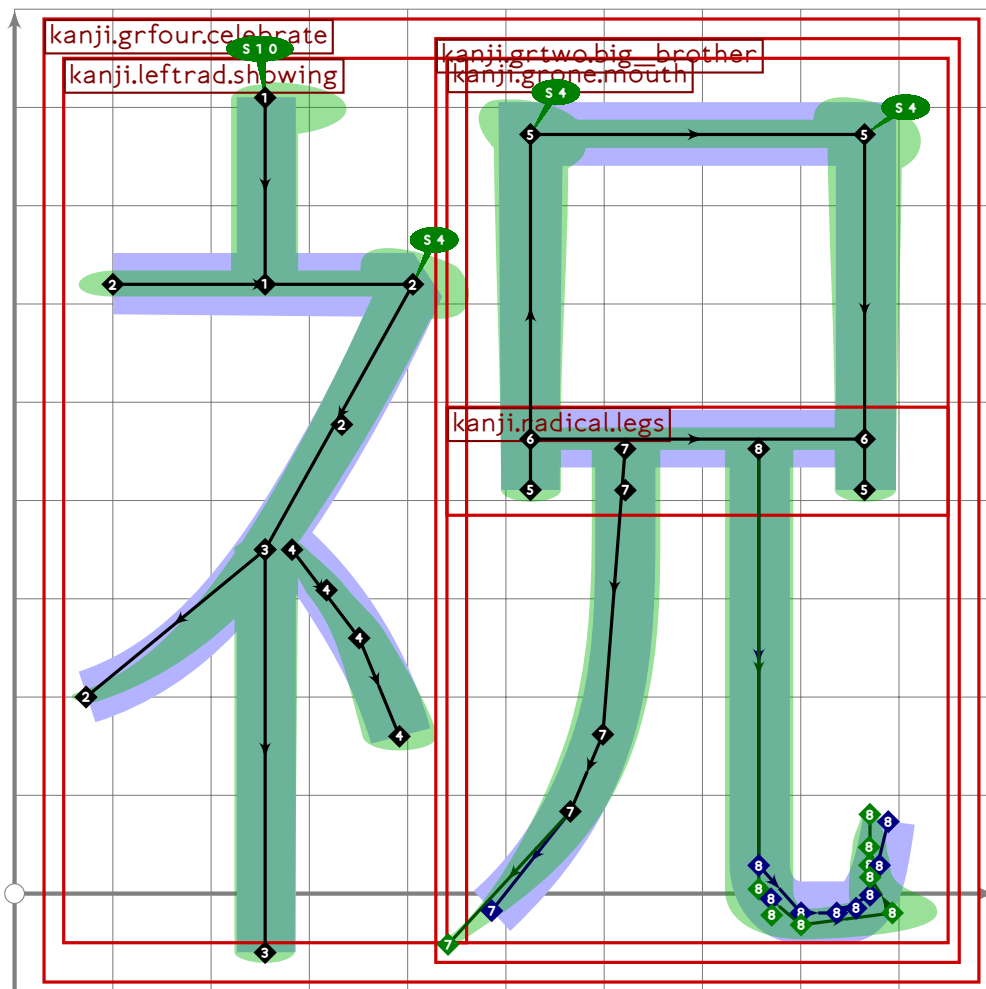
```



```

106
107 vardef kanji.grthree.second_of_time =
108   push_pbox_toexpand("kanji.grthree.second_of_time");
109   build_kanji.level(build_kanji.lr(470,40)
110     (build_kanji.lift_skirt(300,140)
111       (kanji.leftrad.two_branch_tree))
112     (kanji.grtwo.little));
113   expand_pbox;
114 enddef;
115
116

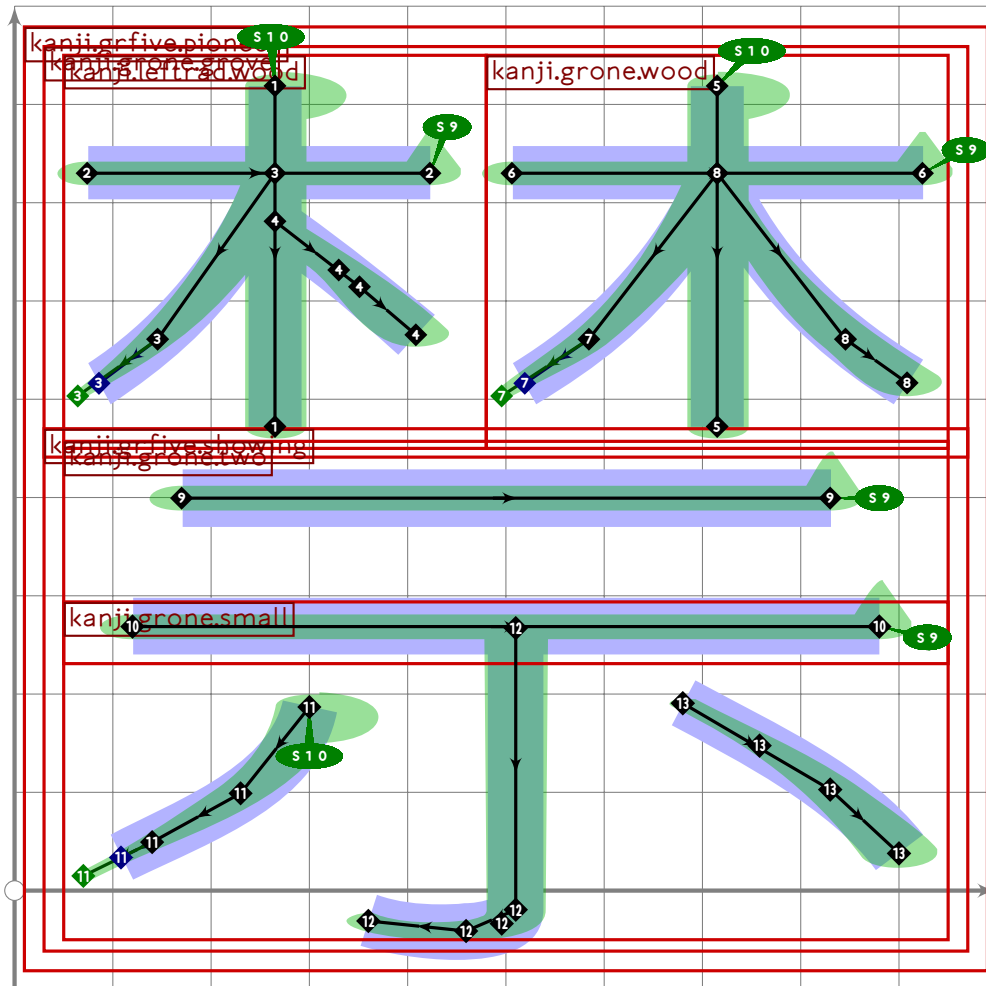
```



```

117
118 vardef kanji.grfour.celebrate =
119   push_pbox_toexpand("kanji.grfour.celebrate");
120   build_kanji.lr(450,20)
121     (kanji.leftrad.showing)
122     (kanji.grtwo.big_brother);
123   expand_pbox;
124 enddef;
125
126

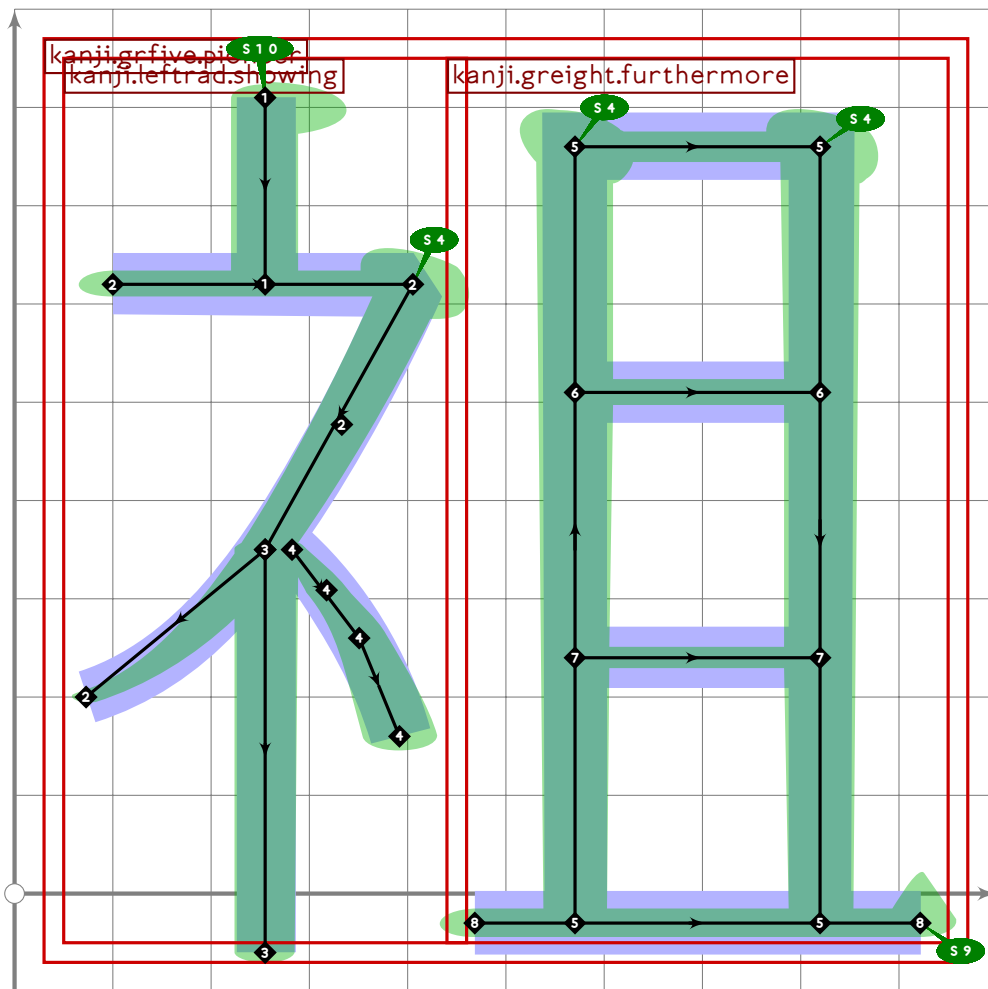
```



```

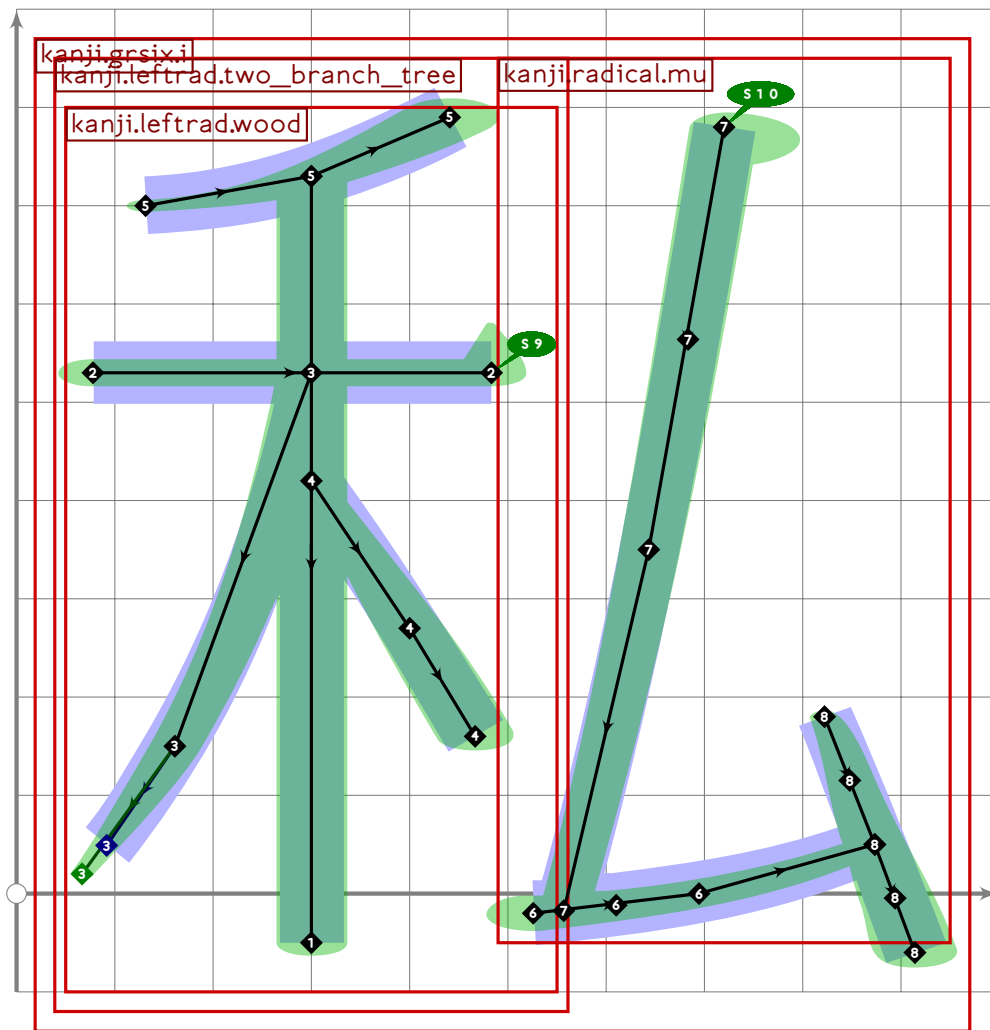
127
128 vardef kanji.grfive.forbidden =
129   push_pbox_toexpand("kanji.grfive.pioneer");
130   build_kanji.tb(460,20)
131     (kanji.grone.grove)
132     (kanji.grfive.showing);
133   expand_pbox;
134 enddef;

```



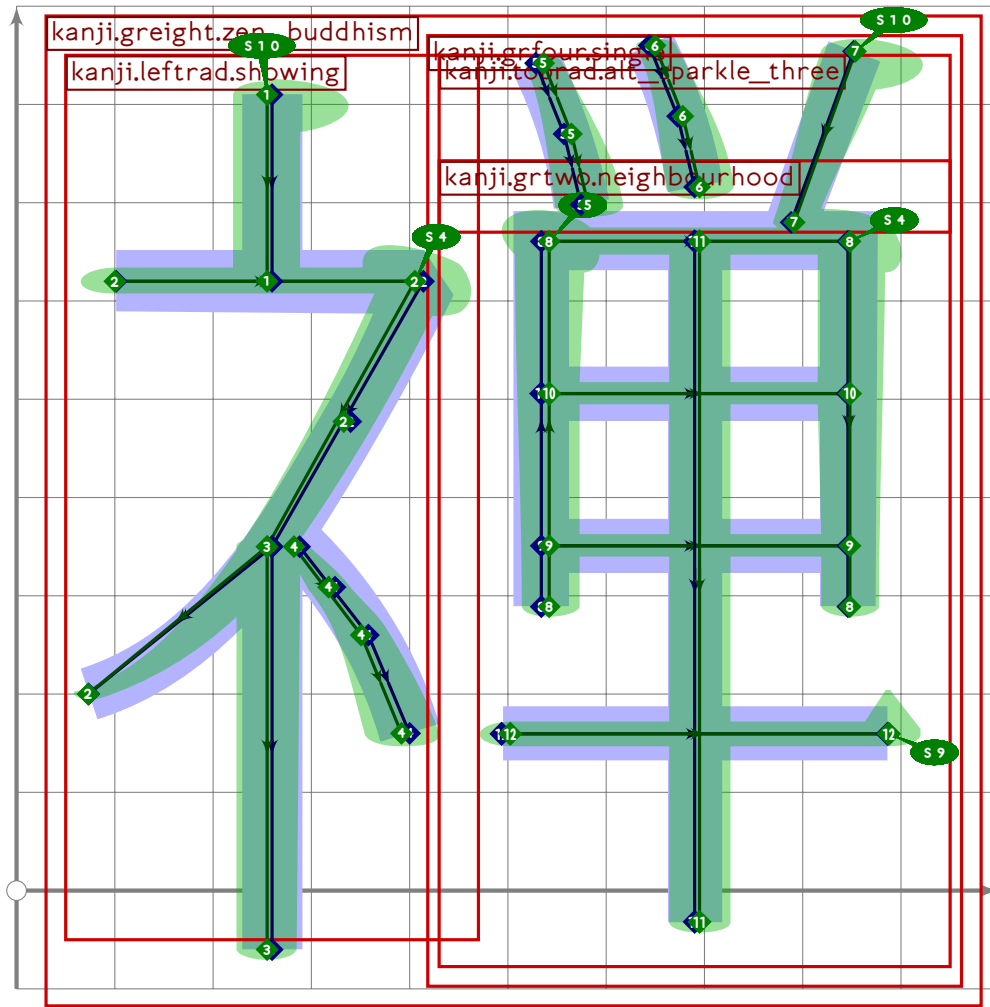
```

135
136 vardef kanji.grfive.pioneer =
137   push_pbox_toexpand("kanji.grfive.pioneer");
138   build_kanji.lr(450,20)
139     (kanji.leftrad.showing)
140     (kanji.greight.furthermore);
141   expand_pbox;
142 enddef;
143
144
```



```

145
146 vardef kanji.grsix.i =
147   push_pbox_toexpand("kanji.grsix.i");
148   build_kanji.lr(520,60)
149     (kanji.leftrad.two_branch_tree)
150     (kanji.radical.mu);
151   expand_pbox;
152 enddef;
153
154
```



```

155
156 vardef kanji.greight.zen_buddhism =
157   push_pbox_toexpand("kanji.greight.zen_buddhism");
158   build_kanji.lr(450,40-20*mincho)
159   (kanji.leftrad.showing)
160   (kanji.grfour.single);
161   expand_pbox;
162 enddef;
163
164
165
166 % ji/shime "show" (also older radical form)
167 begintsuglyph("uni793A",58);
168   kanji.grfive.showing;
169   tsu_render;
170 endtsuglyph;
171
172 % "showing" radical (simple, more popular form)
173 begintsuglyph("uni793B",59);
174   kanji.leftrad.showing;
175   tsu_render;

```

[see page 651]

[see page 681]

```

176 endtsuglyph;
177
178 % rei "ceremony"
179 begintsuglyph("uni793C";60);
180   kanji.grthree.ceremony;
181   tsu_render;
182 endtsuglyph;
183
184 % sha/yashiro "company"
185 begintsuglyph("uni793E";62);
186   kanji.grtwo.company;
187   tsu_render;
188 endtsuglyph;
189
190 % so "pioneer"
191 begintsuglyph("uni7956";86);
192   kanji.grfive.pioneer;
193   tsu_render;
194 endtsuglyph;
195
196 % shin/kami "deity"
197 begintsuglyph("uni795E";94);
198   kanji.grthree.deity;
199   tsu_render;
200 endtsuglyph;
201
202 % shuku/iwa "celebrate"
203 begintsuglyph("uni795D";93);
204   kanji.grfour.celebrate;
205   tsu_render;
206 endtsuglyph;
207
208 % hyou "ticket"
209 begintsuglyph("uni7968";104);
210   kanji.grfour.ticket;
211   tsu_render;
212 endtsuglyph;
213
214 % sei/matsuri "festival"
215 begintsuglyph("uni796D";109);
216   kanji.grthree.festival;
217   tsu_render;
218 endtsuglyph;
219
220 % kin "forbidden"
221 begintsuglyph("uni7981";129);
222   kanji.grfive.forbidden;
223   tsu_render;

```

[see page 2528]

[see page 2526]

[see page 2534]

[see page 2529]

[see page 2532]

[see page 635]

[see page 573]

[see page 2533]

```

224 endtsuglyph;
225
226 % zen/shizuka "Zen Buddhism"
227 begintsuglyph("uni7985";133); [see page 2536]
228   kanji.greight.zen_buddhism;
229   tsu_render;
230 endtsuglyph;
231
232 % fuku/toshi "good luck"
233 begintsuglyph("uni798F";143); [see page 2530]
234   kanji.grthree.good_luck;
235   tsu_render;
236 endtsuglyph;
237
238 % ka/ine little meaning by itself, called "two-branch tree" as a radical
239 begintsuglyph("uni79BE";190); [see page 807]
240   kanji.grnine.two_branch_tree;
241   tsu_render;
242 endtsuglyph;
243
244 % shi/watashi "first person pronoun"
245 begintsuglyph("uni79C1";193); [see page 2535]
246   kanji.grsix.i;
247   tsu_render;
248 endtsuglyph;
249
250 % shuu/aki "autumn"
251 begintsuglyph("uni79CB";203); [see page 2525]
252   kanji.grtwo.autumn;
253   tsu_render;
254 endtsuglyph;
255
256 % ka "department"
257 begintsuglyph("uni79D1";209); [see page 2527]
258   kanji.grtwo.department;
259   tsu_render;
260 endtsuglyph;
261
262 % byou "second of time"
263 begintsuglyph("uni79D2";210); [see page 2531]
264   kanji.grthree.second_of_time;
265   tsu_render;
266 endtsuglyph;
267
268 _____
269
270 endfont;
271

```


tsuku-7a.mp

7A

```
1 %  
2 % Unicode page 7A (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 gradefive.mp;
```

```
38 input gradeone.mp;
```

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

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

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

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

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

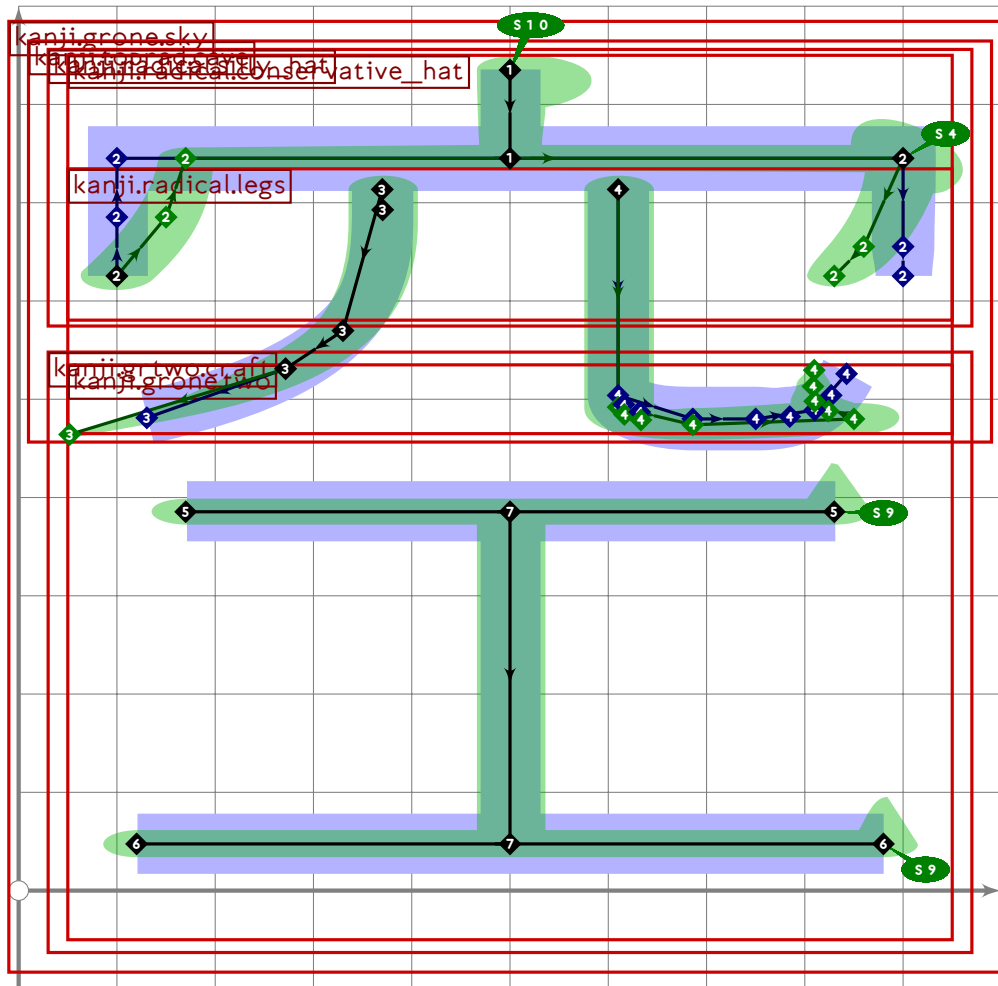
```
44 input toprad.mp;
```

```
45
```

```
46 do_late_includes;
```

```
47
```

```
48
```



7A

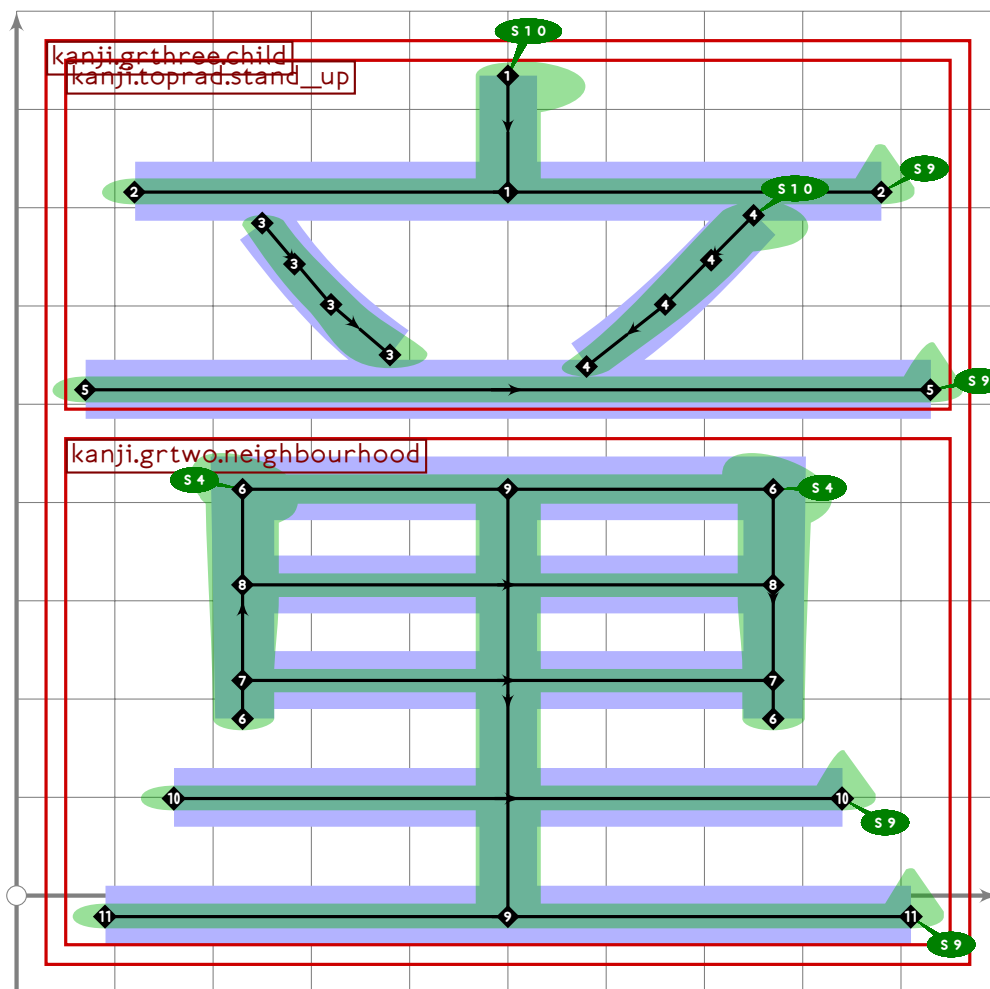
```

49
50 vardef kanji.grone.sky =
51   push_pbox_toexpand("kanji.grone.sky");
52   build_kanji.level(build_kanji.tb(500,70)
53     (kanji.toprad.cave)
54     (kanji.grtwo.craft));
55   expand_pbox;
56 enddef;
57
58

```

U+7AE5
tsuku.uni7AE5

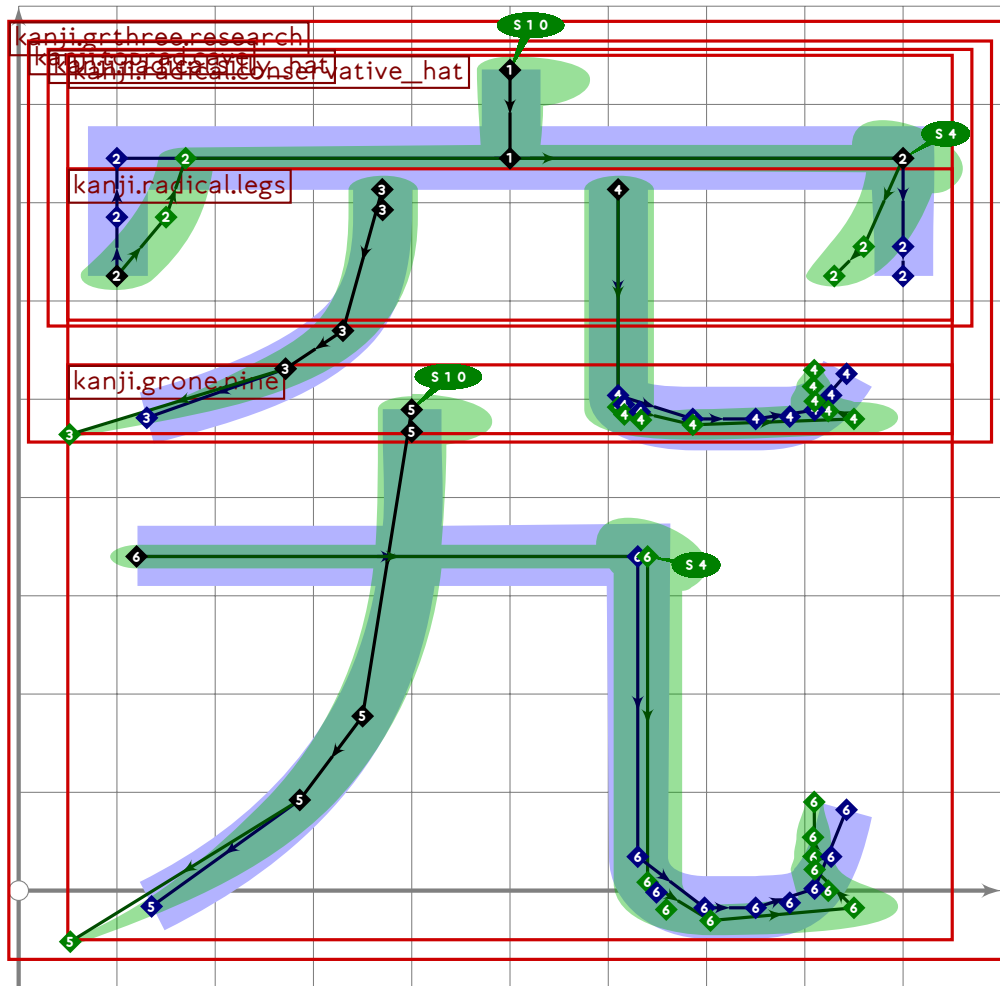
7A



```

59
60 vardef kanji.grthree.child =
61   push_pbox_toexpand("kanji.grthree.child");
62   build_kanji.level(build_kanji.tb(480,-30)
63     (kanji.toprad.stand_up)
64     (kanji.grtwo.neighbourhood ));
65   expand_pbox;
66 enddef;

```

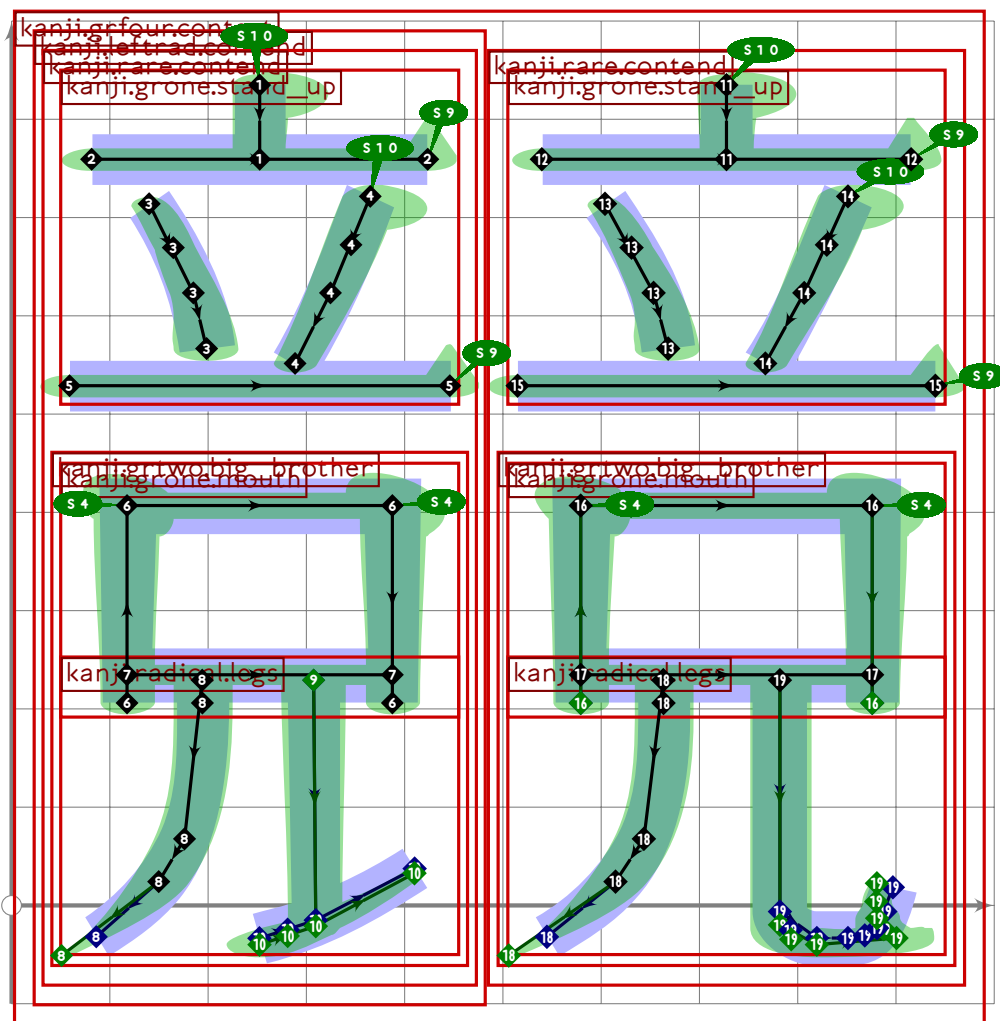


7A

```

67
68 vardef kanji.grthree.research =
69   push_pbox_toexpand("kanji.grthree.research");
70   build_kanji.level(build_kanji.tb(500,70)
71     (kanji.toprad.cave)
72     (kanji.grone.nine));
73   expand_pbox;
74 enddef;
75
76

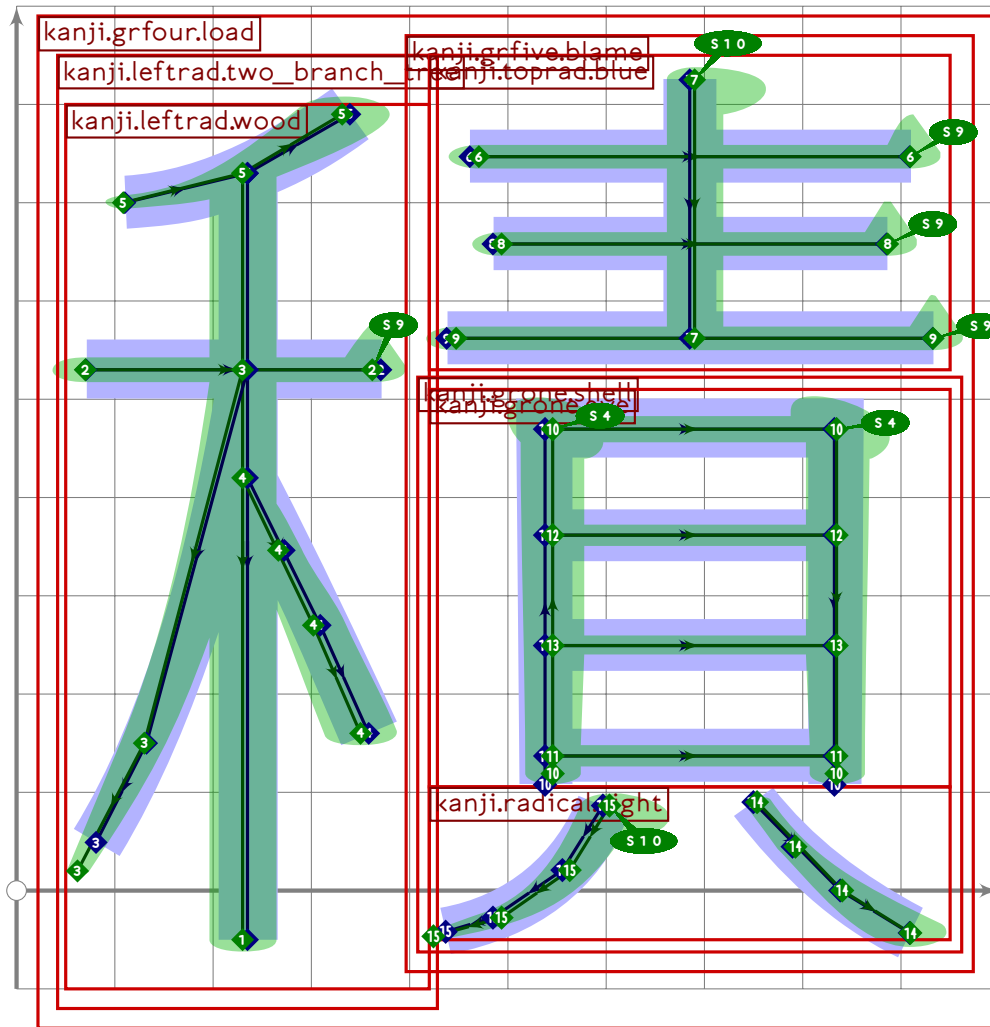
```



```

77
78 vardef kanji.grfour.contest =
79   push_pbox_toexpand("kanji.grfour.contest");
80   build_kanji.lr(480,50)
81     (kanji.leftrad.contend)
82     (kanji.rare.contend);
83   expand_pbox;
84 enddef;

```

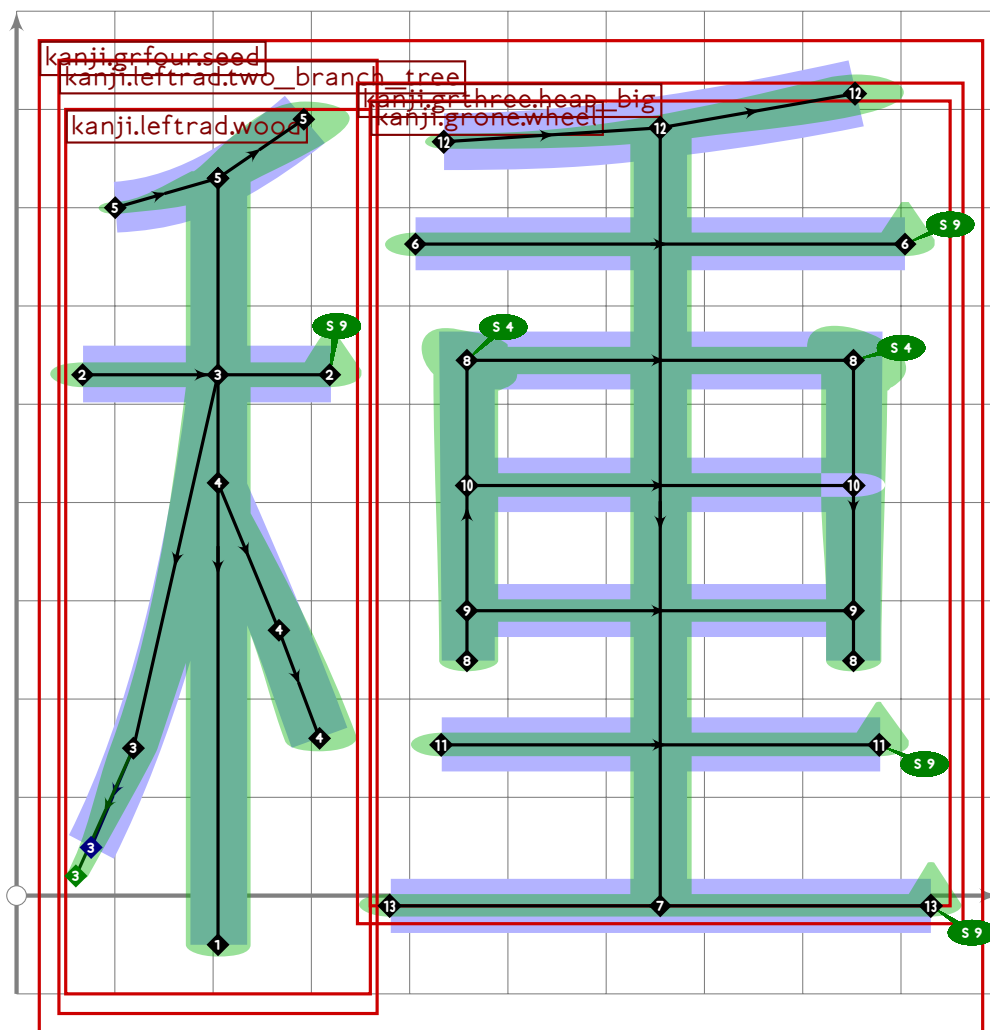


7A

```

85
86 vardef kanji.grfour.load =
87   push_pbox_toexpand("kanji.grfour.load");
88   build_kanji.lr(420;20*mincho)
89     (kanji.leftrad.two_branch_tree)
90     (kanji.grfive.blame);
91   expand_pbox;
92 enddef;

```



```

93
94 vardef kanji.grfour.seed =
95   push_pbox_toexpand("kanji.grfour.seed");
96   build_kanji.lr(360,0)
97     (kanji.leftrad.two_branch_tree)
98     (build_kanji.sscale(yscaled 0.91)(kanji.grthree.heap_big));
99   expand_pbox;
100 enddef;
101
102
103
104 vardef kanji.leftrad.contend =
105   push_pbox_toexpand("kanji.leftrad.contend");
106   kanji.rare.contend;
107   begingroup
108     save myxf,myy;
109     transform myxf;
110     path myp;
111     myp=get_stroke(0);
112     (0,0) transformed myxf=llcorner myp;

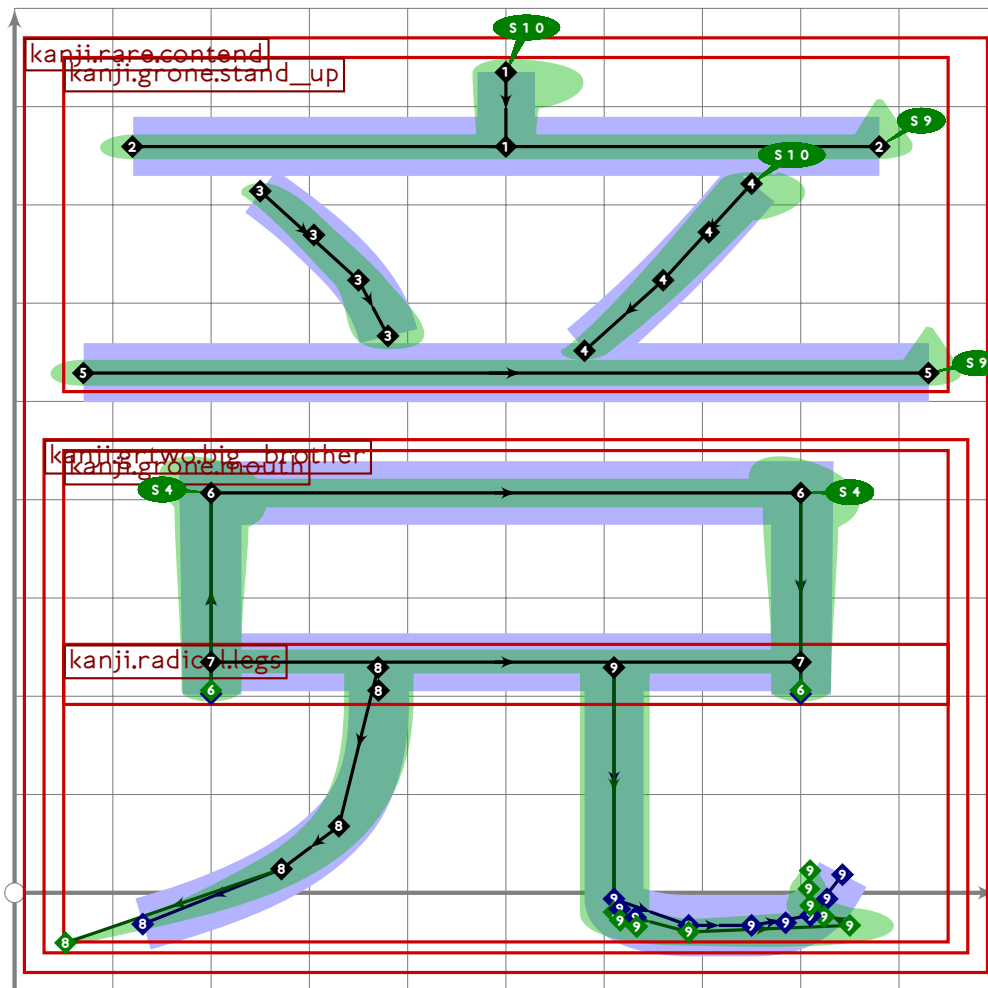
```

```

113 (1,0) transformed myxf=lrcorner myp;
114 (0,1) transformed myxf=ulcorner myp;
115 replace_strokep(0)((0.05,1)-(0.07,0.07)) transformed myxf);
116 replace_strokeq(0)((1.7,1.7)-(1.5,1.5));
117 push_stroke(((0.46,0)..tension 1.2..(0.07,0.07)..(1,0.27))
118   transformed myxf,
119   (1.7,1.7)-(1.5,1.5)-(1,1));
120 set_bosize(0)(get_bosize(-1));
121 endgroup;
122 expand_pbox;
123 enddef;
124
125

```

7A



```

126
127 vardef kanji.rare.contend =
128   push_pbox_toexpand("kanji.rare.contend");
129   build_kanji.tb(480,60)
130     (kanji.grone.stand_up)
131     (kanji.grtwo.big_brother);
132   expand_pbox;
133 enddef;

```

134
 135
 136
 137 % shu/tane "seed"
 138 begintsuglyph("uni7A2E";46); [see page 2546]
 139 kanji.grfour.seed;
 140 tsu_render;
 141 endtsuglyph;
 142
 143 % seki/tsu "load"
 144 begintsuglyph("uni7A4D";77); [see page 2545]
 145 kanji.grfour.load;
 146 tsu_render;
 147 endtsuglyph;
 148
 149 % kyu/kwa "research"
 150 begintsuglyph("uni7A76";118); [see page 2543]
 151 kanji.grthree.research;
 152 tsu_render;
 153 endtsuglyph;
 154
 155 % kara/sora "sky"
 156 begintsuglyph("uni7A7A";122); [see page 2541]
 157 kanji.grone.sky;
 158 tsu_render;
 159 endtsuglyph;
 160
 161 % ta "stand up"
 162 begintsuglyph("uni7ACB";203); [see page 470]
 163 kanji.grone.stand_up;
 164 tsu_render;
 165 endtsuglyph;
 166
 167 % extra: "contend"
 168 begintsuglyph("uni7ADE";222); [see page 2547]
 169 kanji.rare.contend;
 170 tsu_render;
 171 endtsuglyph;
 172
 173 % kyou/owa "finally"
 174 begintsuglyph("uni7ADF";223); [see page 829]
 175 kanji.rare.finally;
 176 tsu_render;
 177 endtsuglyph;
 178
 179 % shou/aki "chapter"
 180 begintsuglyph("uni7AE0";224); [see page 565]
 181 kanji.grthree.chapter;

```

182  tsu_render;
183 endtsuglyph;
184
185 % dou/warabe "child"
186 begintsuglyph("uni7AE5",229); [see page 2542]
187  kanji.grthree.child;
188  tsu_render;
189 endtsuglyph;
190
191 % chiku/take "bamboo"
192 begintsuglyph("uni7AF9",249); [see page 417]
193  kanji.grone.bamboo;
194  tsu_render;
195 endtsuglyph;
196
197 % kyou/kiso "contest"
198 begintsuglyph("uni7AF6",246); [see page 2544]
199  kanji.grfour.contest;
200  tsu_render;
201 endtsuglyph;
202
203 _____
204
205 endfont;
206
207 _____

```

tsuku-7b.mp

7B

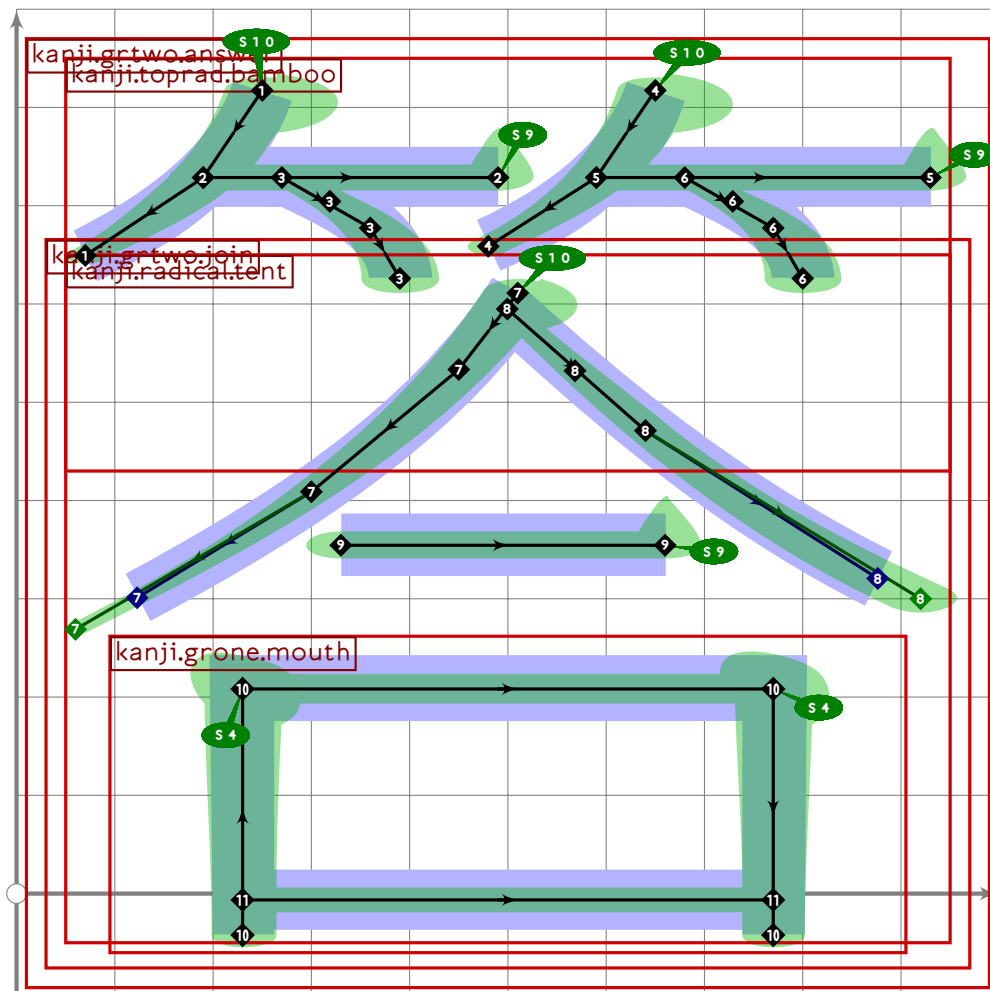
```
1 %
2 % Unicode page 7B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefour.mp;
39 input gradeone.mp;
40 input gradesix.mp;
41 input 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 

---


```

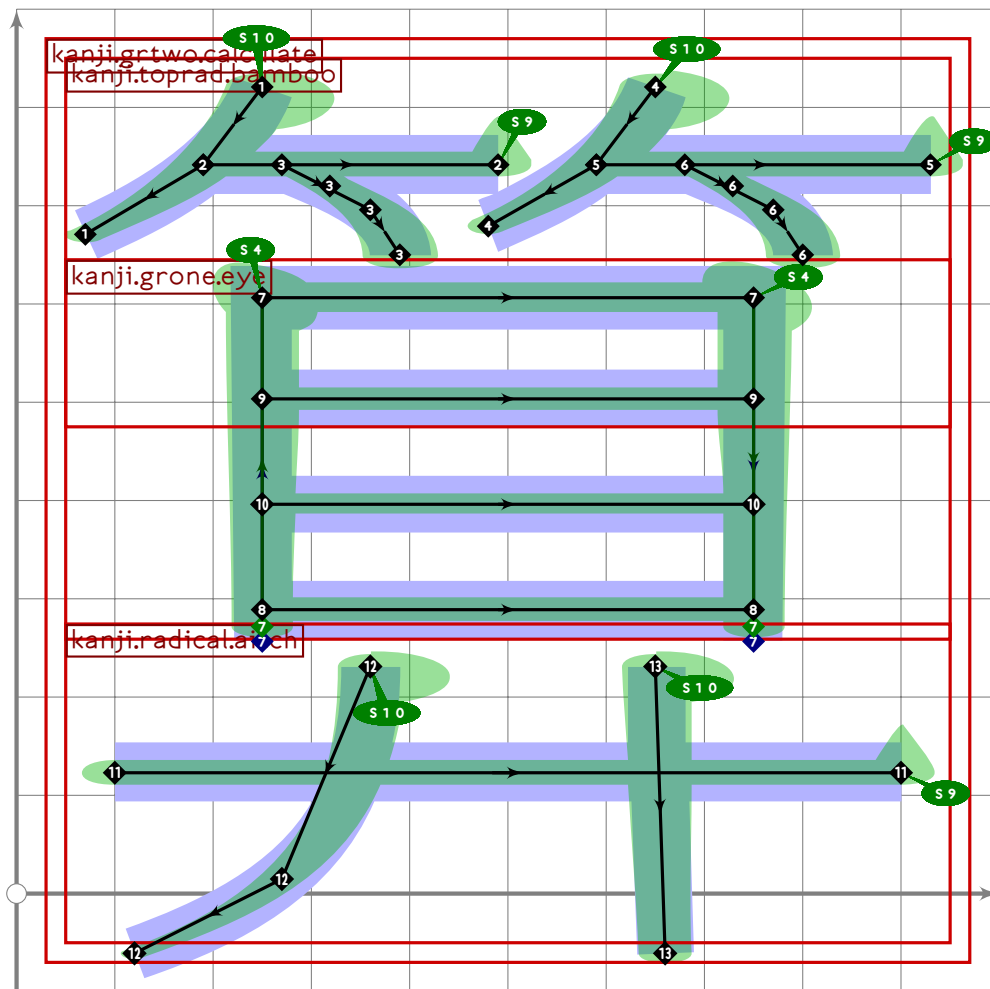


7B

```

51
52 vardef kanji.grtwo.answer =
53   push_pbox_toexpand("kanji.grtwo.answer");
54   build_kanji.level(build_kanji.tb(540,220)
55     (kanji.toprad.bamboo)
56     (kanji.grtwo.join));
57   expand_pbox;
58 enddef;

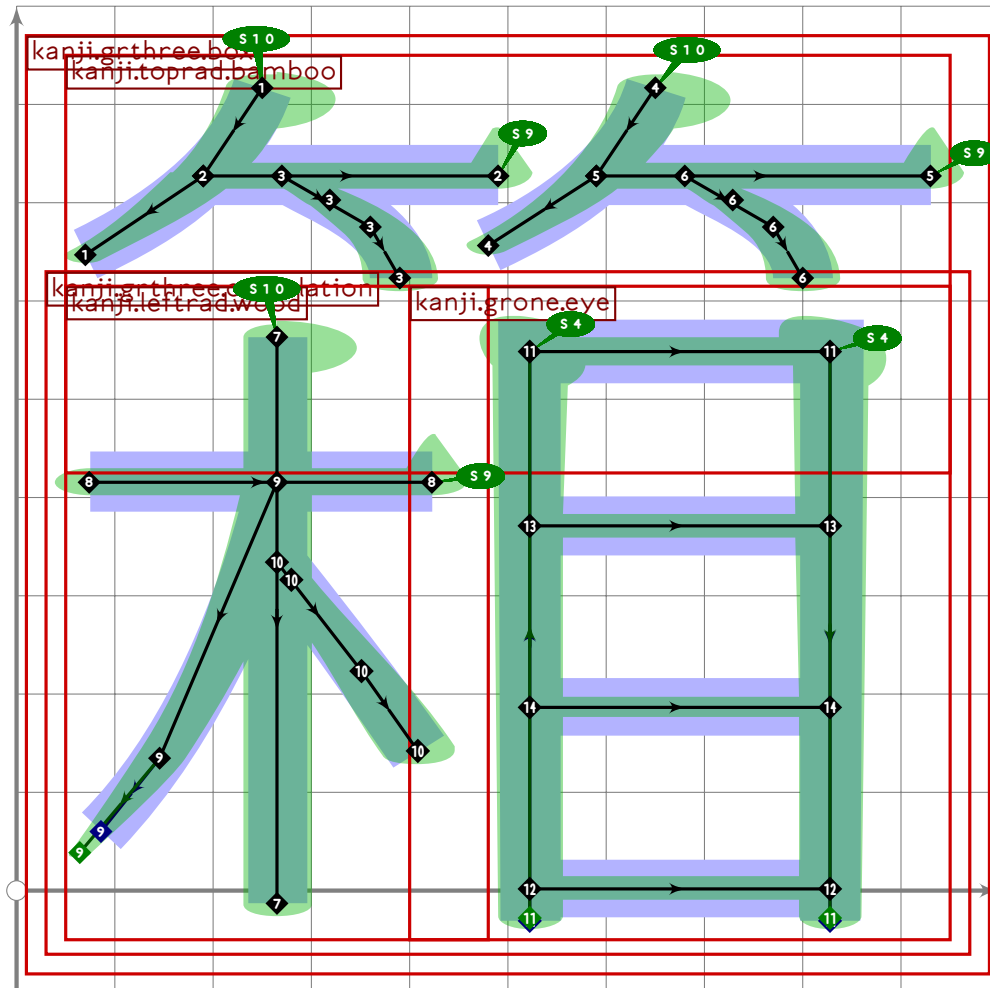
```



```

59
60 vardef kanji.grtwo.calculate =
61   push_pbox_toexpand("kanji.grtwo.calculate");
62   build_kanji.level(build_kanji.tb(560,170)
63     (kanji.toprad.bamboo)
64     (build_kanji.tb(360,20)
65       (kanji.grone.ey)
66       (kanji.radical.aitch)));
67   expand_pbox;
68 enddef;
69
70

```

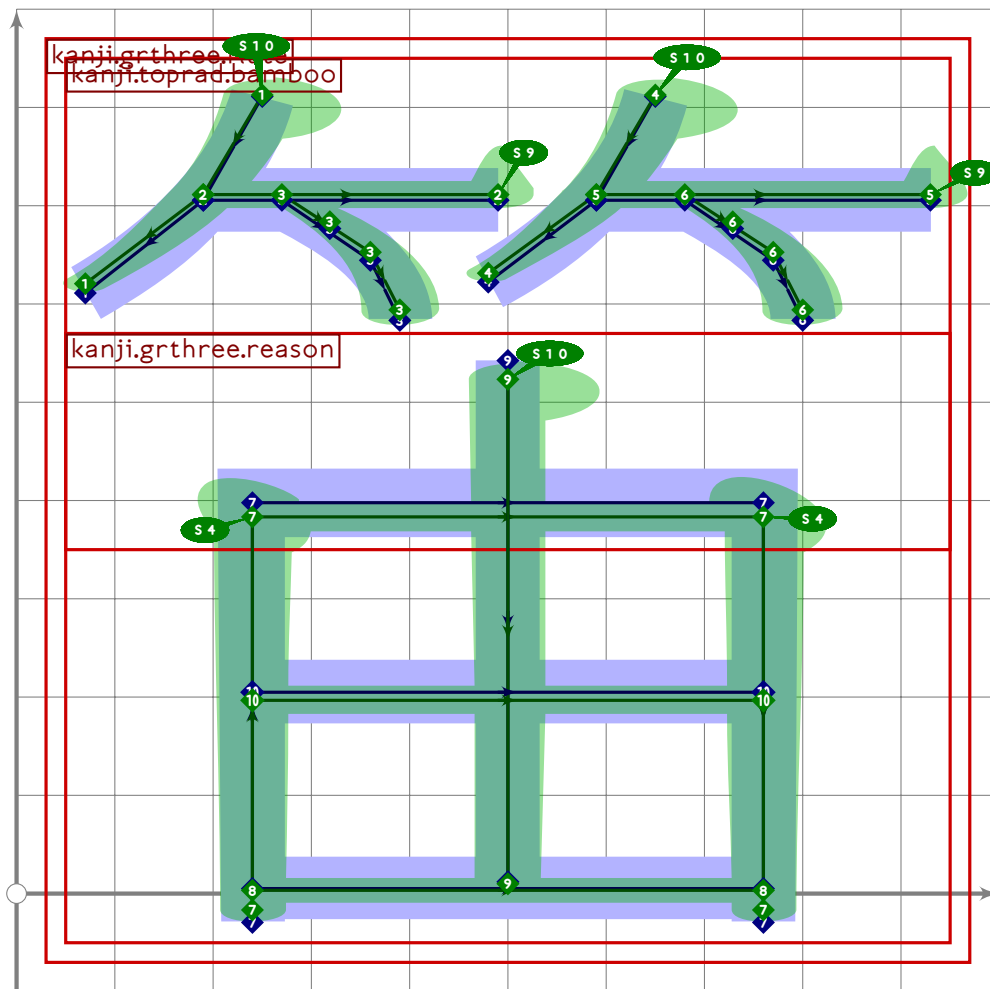


7B

```

71
72 vardef kanji.grthree.box =
73   push_pbox_toexpand("kanji.grthree.box");
74   build_kanji.level(build_kanji.tb(520,190)
75     (kanji.toprad.bamboo)
76     (kanji.grthree.correlation));
77   expand_pbox;
78 enddef;

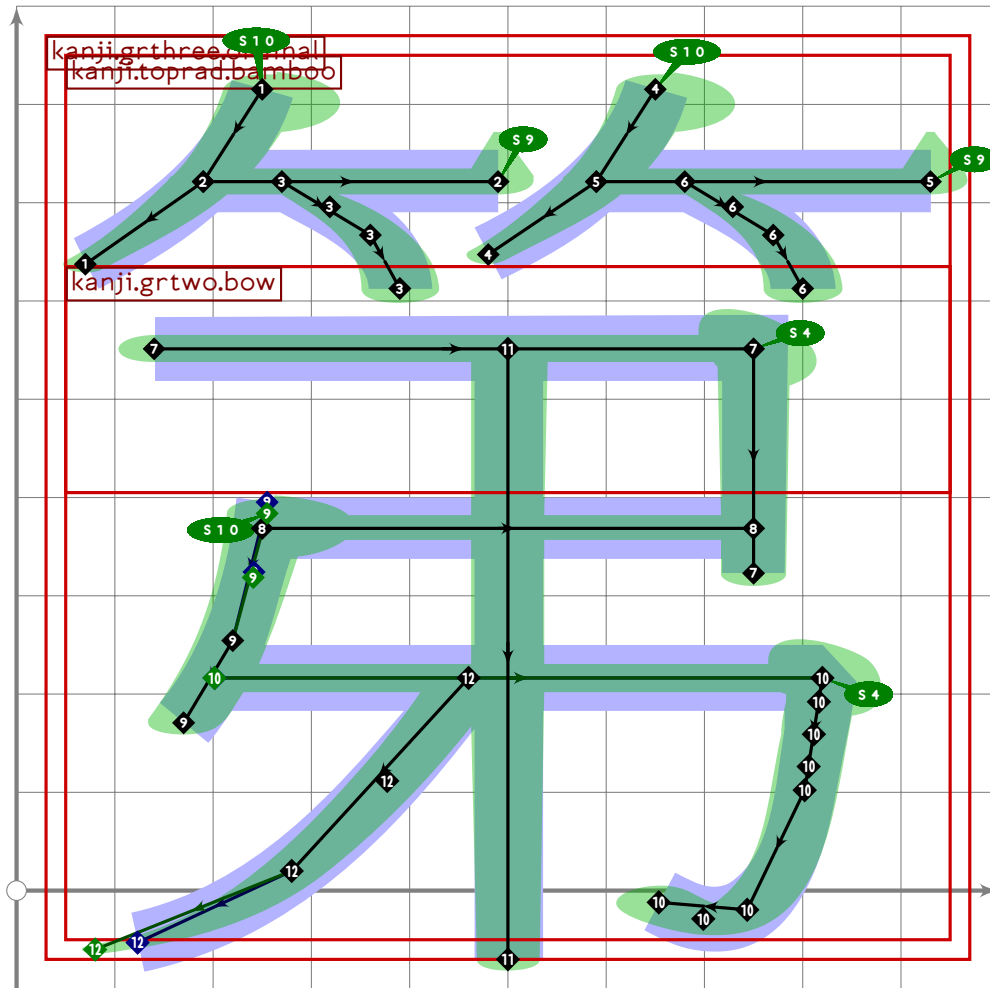
```



```

79
80 vardef kanji.grthree.flute =
81   push_pbox_toexpand("kanji.grthree.flute");
82   build_kanji.level(build_kanji.tb(460,220-40*mincho)
83     (kanji.toprad.bamboo)
84     (kanji.grthree.reason));
85   expand_pbox;
86 enddef;

```



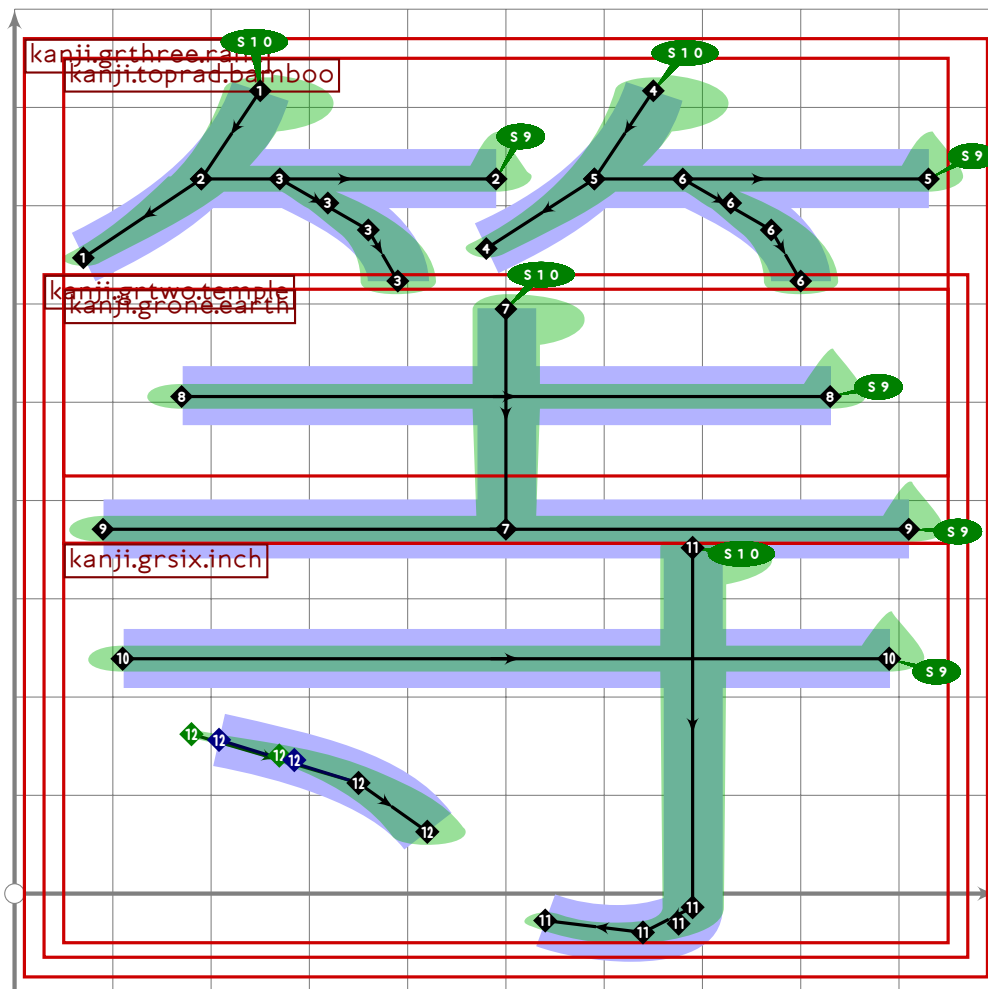
7B

```

87
88 vardef kanji.grthree.ordinal =
89   push_pbox_toexpand("kanji.grthree.ordinal");
90   build_kanji.level(build_kanji.tb(520,230)
91     (kanji.toprad.bamboo)
92     (kanji.grtwo.bow));
93   push_stroke((500,y part 0 of get_stroke(-3))-(500,70),
94     (1,6,1,6)-(14,1,4));
95   replace_stroke(-1)((point 0 of oldp)-
96     ((subpath (1,infinity) of oldp)
97       shifted (-820,0) xscaled 0.45 shifted (820,0)));
98   push_stroke(((get_stroke(0) intersectionpoint get_stroke(-1))+(-40,0)).
99     tension 1.2..(280,20)..(80,60),
100     (1,6,1,6)-(14,1,4)-(0,9,0,9));
101   expand_pbox;
102 enddef;

```

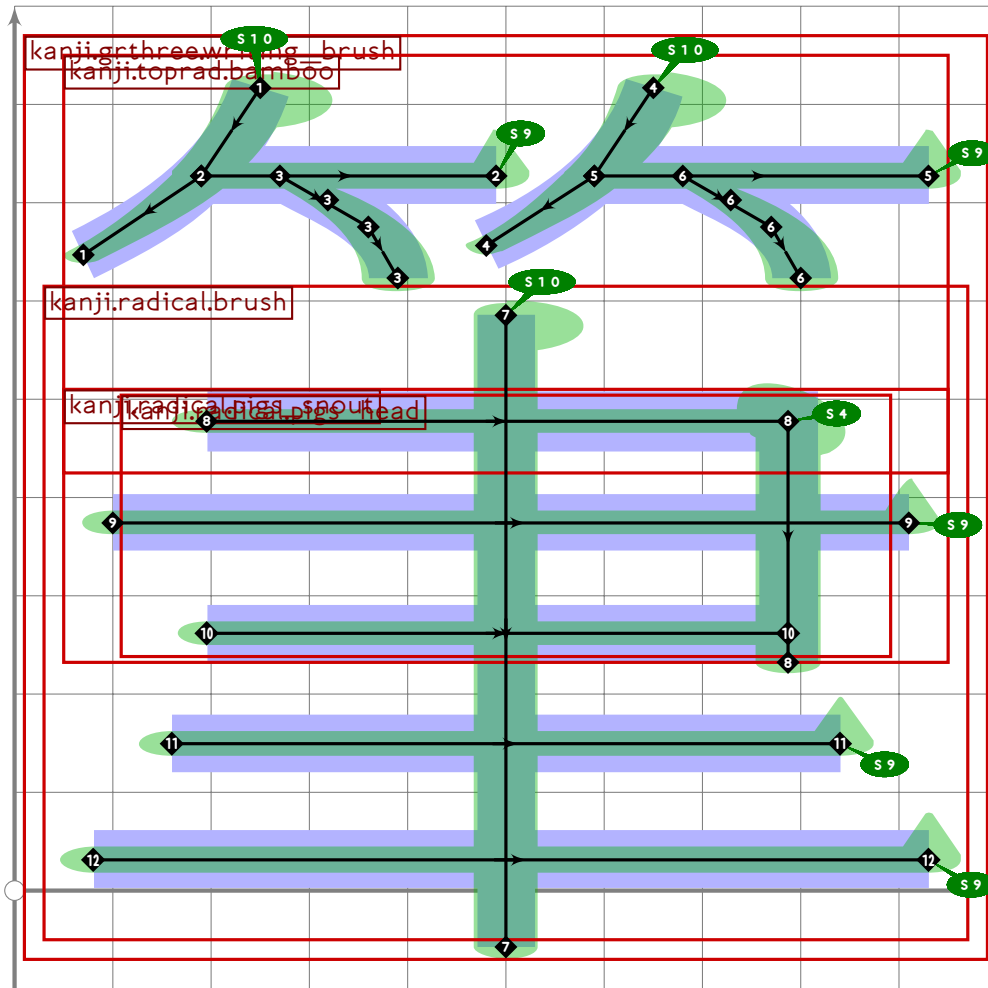
7B



```

103
104 vardef kanji.grththree.rank =
105   push_pbox_toexpand("kanji.grththree.rank");
106   build_kanji.level(build_kanji.tb(520,190)
107     (kanji.toprad.bamboo)
108     (kanji.grtwo.temple));
109   expand_pbox;
110 enddef;

```

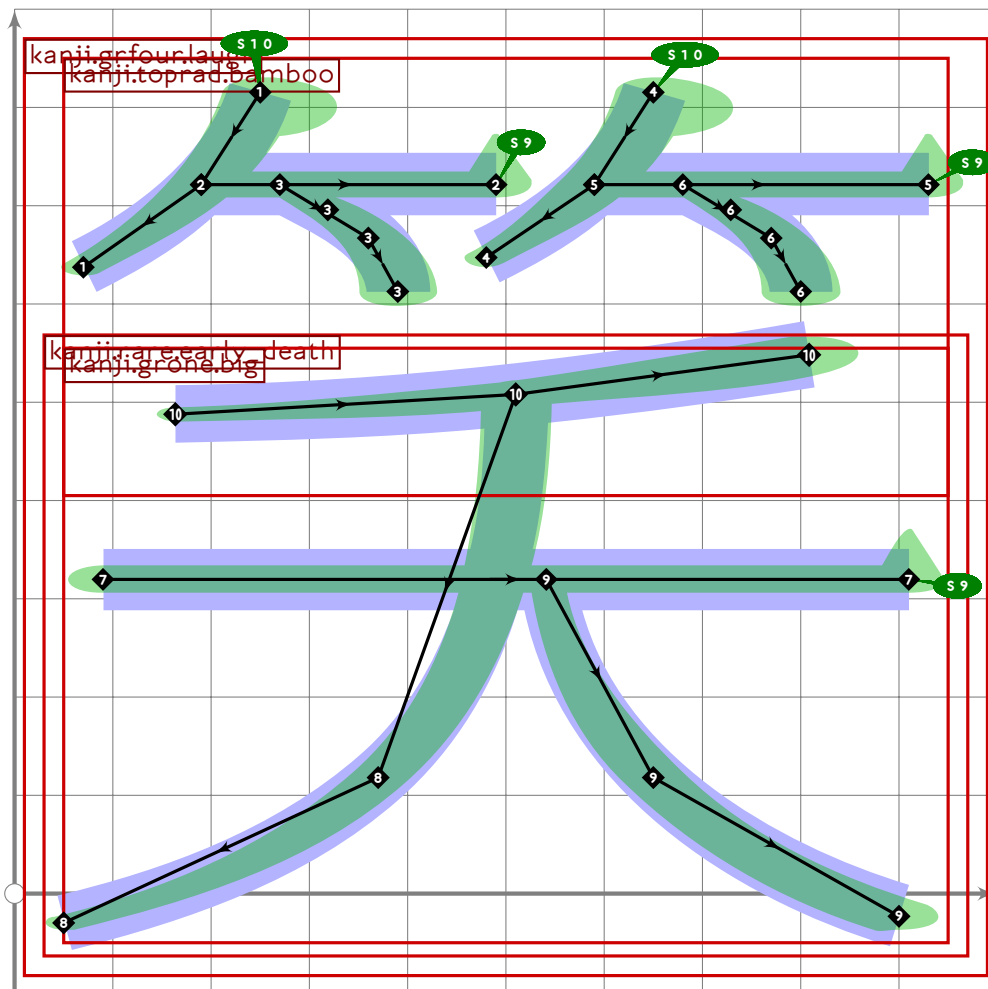


7B

```

111
112 vardef kanji.grthree.writing_brush =
113   push_pbox_toexpand("kanji.grthree.writing_brush");
114   build_kanji.level(build_kanji.tb(520,190)
115     (kanji.toprad.bamboo)
116     (kanji.radical.brush));
117   expand_pbox;
118 enddef;
119
120
```

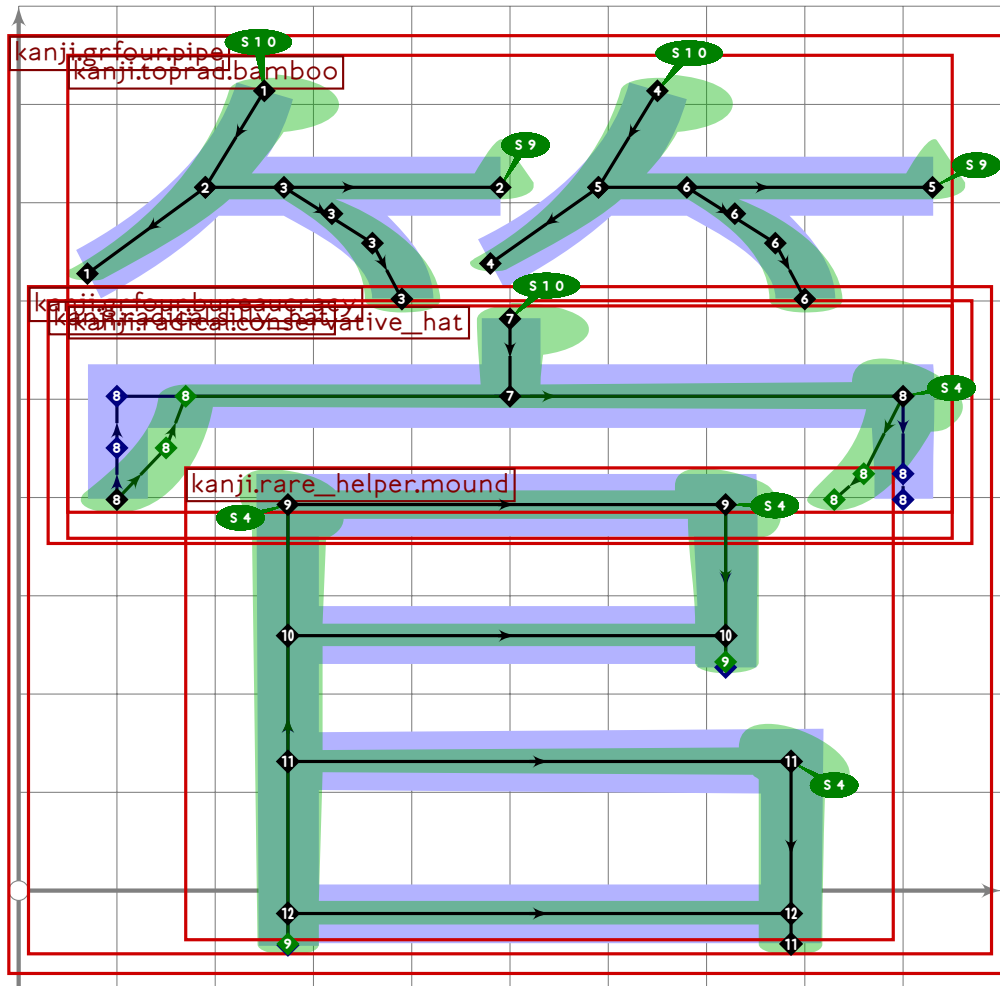
7B



```

121
122 vardef kanji.grfour.laugh =
123   push_pbox_toexpand("kanji.grfour.laugh");
124   build_kanji.level(build_kanji.tb(480,150)
125     (kanji.toprad.bamboo)
126     (kanji.rare.early_death));
127   expand_pbox;
128 enddef;

```

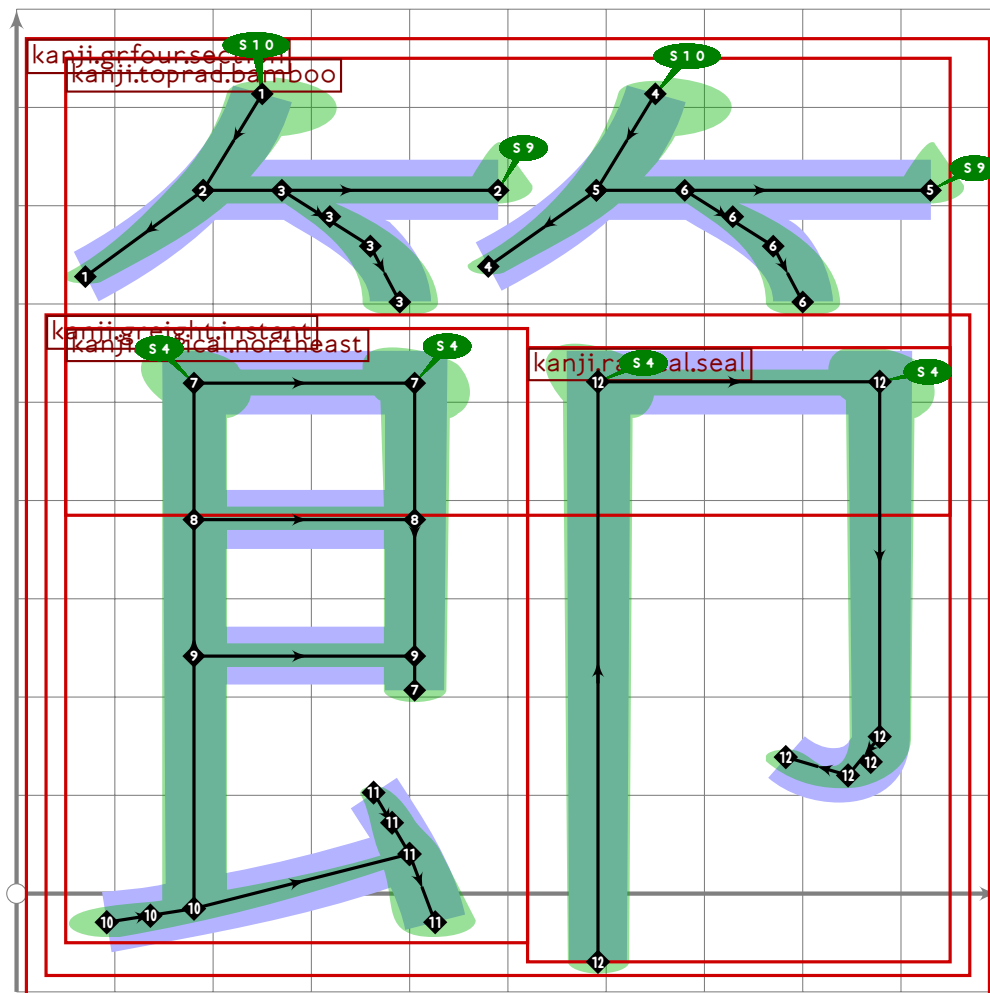


7B

```

129
130 vardef kanji.grfour.pipe =
131   push_pbox_toexpand("kanji.grfour.pipe");
132   build_kanji.level(build_kanji.tb(490,210)
133     (kanji.toprad.bamboo)
134     (kanji.grfour.bureaucracy));
135   expand_pbox;
136 enddef;

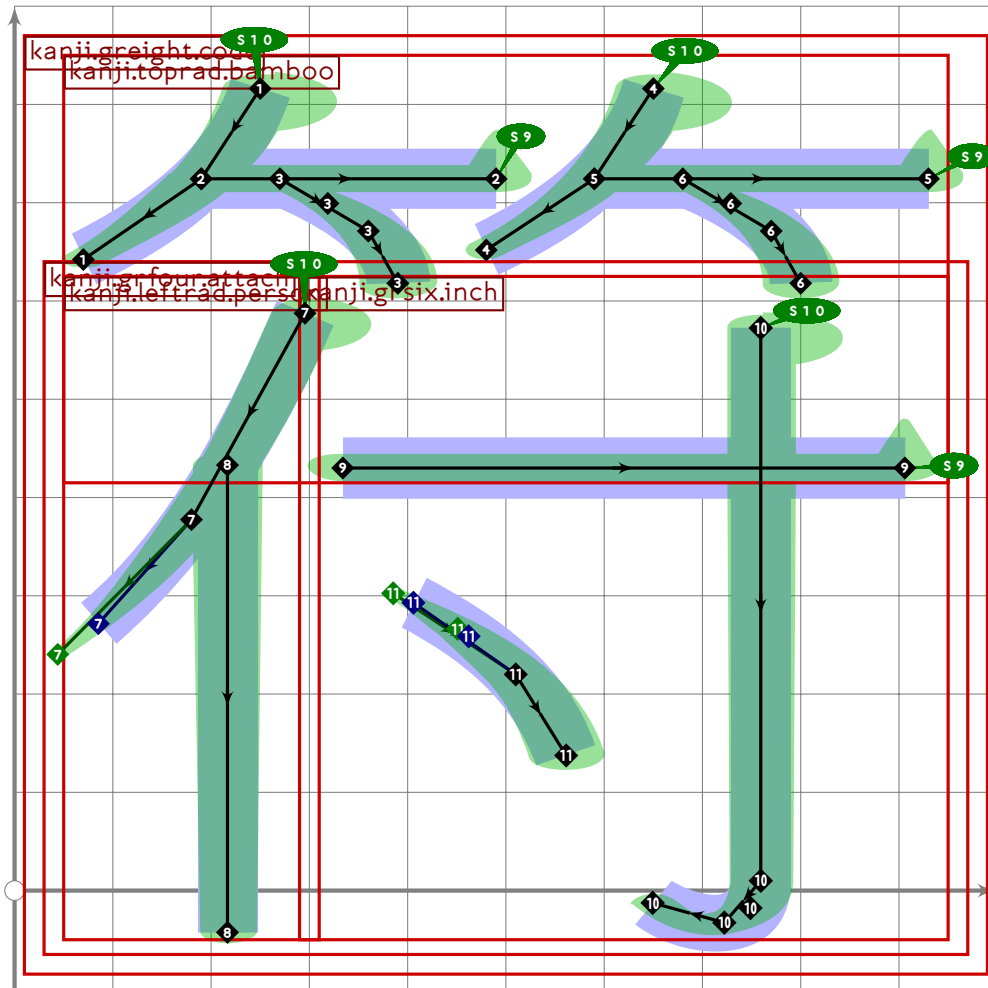
```



```

137
138 vardef kanji.grfour.section =
139   push_pbox_toexpand("kanji.grfour.section");
140   build_kanji.level(build_kanji.tb(480,190)
141     (kanji.toprad.bamboo)
142     (kanji.grfour.instant));
143   expand_pbox;
144 enddef;
145
146

```



7B

```

147
148 vardef kanji.greight.code =
149   push_pbox_toexpand("kanji.greight.code");
150   build_kanji.level(build_kanji.tb(520,210)
151     (kanji.toprad.bamboo)
152     (kanji.grfour.attach));
153   expand_pbox;
154 enddef;
155
156
157
158 % shou/wara "laugh"
159 beginsuglyph("uni7B11";17);
160   kanji.grfour.laugh;
161   tsu_render;
162 endsuglyph;
163
164 % teki/fue "flute"
165 beginsuglyph("uni7B1B";27);
166   kanji.grthree.flute;
167   tsu_render;

```

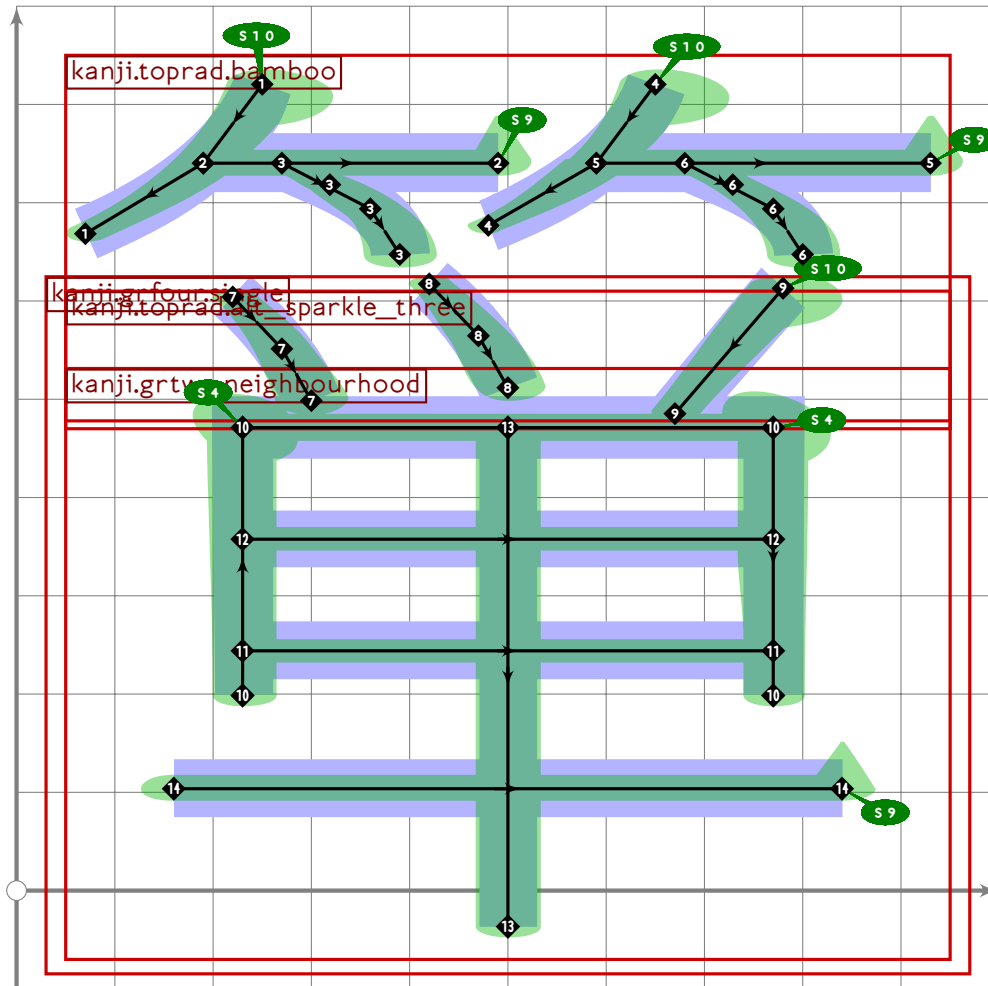
[see page 2558]

[see page 2554]

```

168 endtsuglyph;
169
170 % fu "code"
171 begintsuglyph("uni7B26";38); [see page 2561]
172   kanji.greight.code;
173   tsu_render;
174 endtsuglyph;
175
176 % dai "ordinal number"
177 begintsuglyph("uni7B2C";44); [see page 2555]
178   kanji.grthree.ordinal;
179   tsu_render;
180 endtsuglyph;
181
182 % hitsu/fude "writing brush"
183 begintsuglyph("uni7B46";70); [see page 2557]
184   kanji.grthree.writing__brush;
185   tsu_render;
186 endtsuglyph;
187
188 % tou/hito "rank"
189 begintsuglyph("uni7B49";73); [see page 2556]
190   kanji.grthree.rank;
191   tsu_render;
192 endtsuglyph;
193
194 % tou/kota "answer"
195 begintsuglyph("uni7B54";84); [see page 2551]
196   kanji.grtwo.answer;
197   tsu_render;
198 endtsuglyph;
199
200 % sen/soru "calculate"
201 begintsuglyph("uni7B97";151); [see page 2552]
202   kanji.grtwo.calculate;
203   tsu_render;
204 endtsuglyph;
205
206 % kan/kuda "pipe" or "jurisdiction"
207 begintsuglyph("uni7BA1";161); [see page 2559]
208   kanji.grfour.pipe;
209   tsu_render;
210 endtsuglyph;
211

```



7B

```

212 % extra: tan/hako "bamboo rice bucket"
213 begintsuglyph("uni7BAA";170);
214   build_kanji.level(build_kanji.tb(540,140)
215     (kanji.toprad.bamboo)
216     (kanji.grfour.single));
217   tsu_render;
218 endtsuglyph;
219
220 % sou/hako "box"
221 begintsuglyph("uni7BB1";177);
222   kanji.grthree.box;
223   tsu_render;
224 endtsuglyph;
225
226 % setsu/fushi "section"
227 begintsuglyph("uni7BC0";192);
228   kanji.grfour.section;
229   tsu_render;
230 endtsuglyph;
231
232
```

[see page 2553]

[see page 2560]

233

234 endfont;

235

236

7B

tsuku-7c.mp

7C

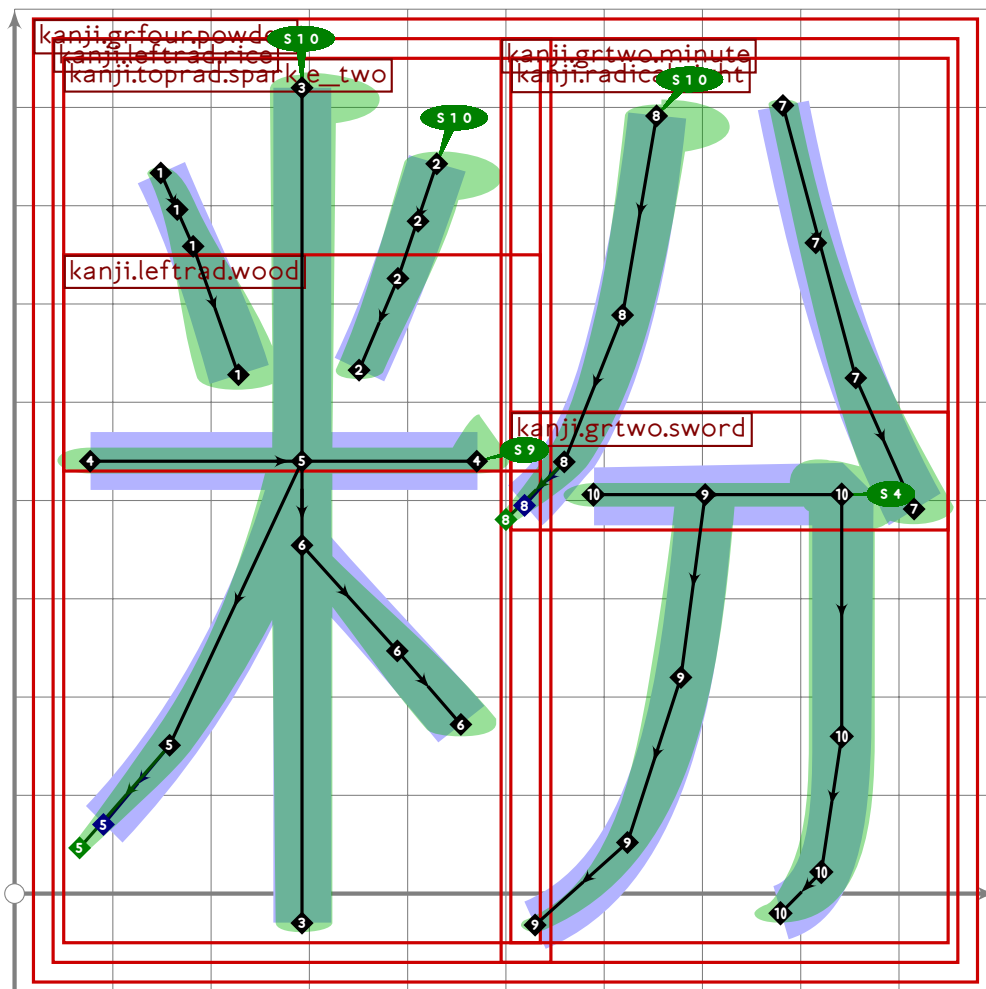
```
1 %
2 % Unicode page 7C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

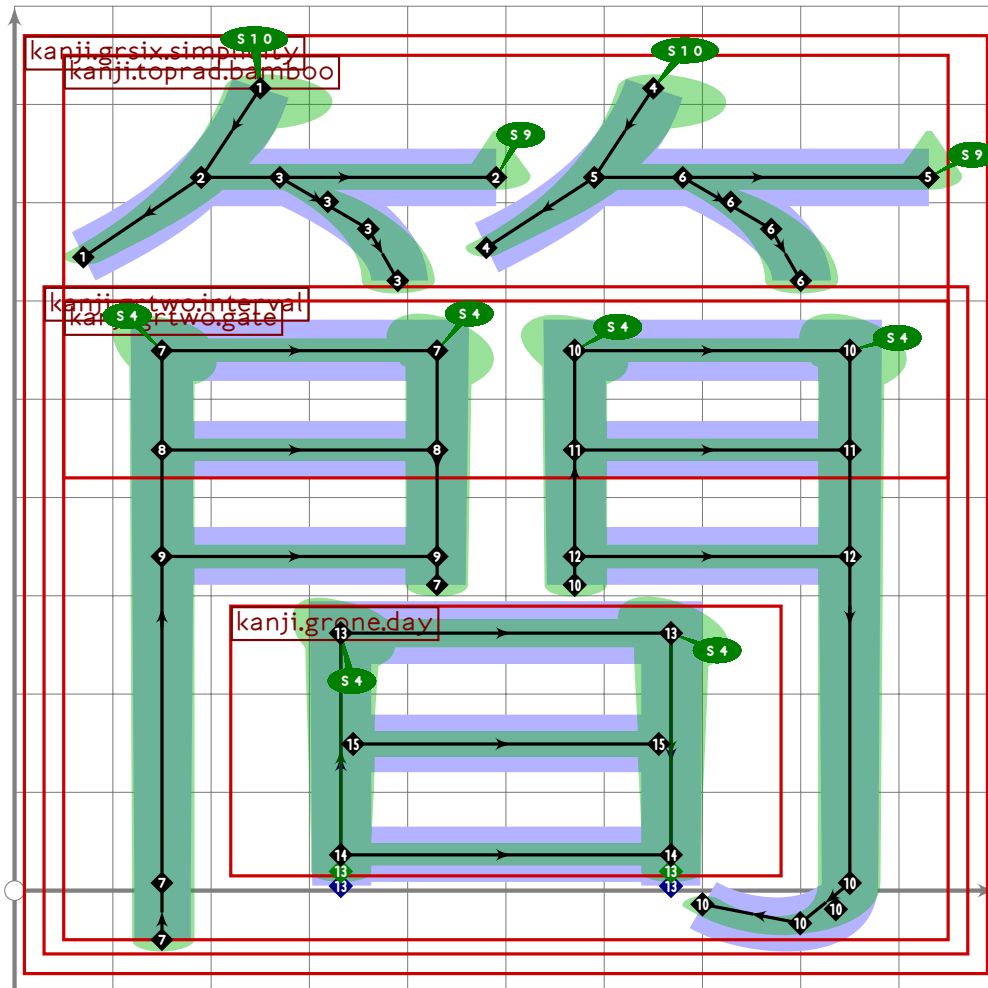

```



7C

```

48
49 vardef kanji.grfour.powder =
50   push_pbox_toexpand("kanji.grfour.powder");
51   build_kanji.level(build_kanji.lr(520,30)
52     (kanji.leftrad.rice)
53     (kanji.grtwo.minute));
54   expand_pbox;
55 enddef;
56
57
```



7C

```

58
59 vardef kanji.grsix.simplicity =
60   push_pbox_toexpand("kanji.grsix.simplicity");
61   build_kanji.level(build_kanji.tb(510,180)
62     (kanji.toprad.bamboo)
63     (kanji.grtwo.interval));
64   expand_pbox;
65 enddef;
66
67
68
69 % kan/era "simplicity"
70 beginsuglyph("uni7C21";33);
71   kanji.grsix.simplicity;
72   tsu_render;
73 endsuglyph;
74
75 % bei/kome "rice", also "USA" and "metre"
76 beginsuglyph("uni7C73";115);
77   kanji.grtwo.rice;
78   tsu_render;

```

[see page 2567]

[see page 539]

```
79 endtsuglyph;
80
81 % fun/kona "powder"
82 begintsuglyph("uni7C89";137); [see page 2566]
83   kanji.grfour.powder;
84   tsu_render;
85 endtsuglyph;
86
87 % shi/ito "thread"
88 begintsuglyph("uni7CF8";248); [see page 473]
89   kanji.grone.thread;
90   tsu_render;
91 endtsuglyph;
92
93 % kei "lineage"
94 begintsuglyph("uni7CFB";251); [see page 626]
95   kanji.grfour.lineage;
96   tsu_render;
97 endtsuglyph;
98
99 _____
100
101 endfont;
102
103 _____
```

tsuku-7d.mp

7D

```
1 %  
2 % Unicode page 7D (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala  
4 %
```

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

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

```
36 input buildkanji.mp;
```

```
37 input gradeeight.mp;
```

```
38 input gradefour.mp;
```

```
39 input gradenine.mp;
```

```
40 input gradeone.mp;
```

```
41 input gradesix.mp;
```

```
42 input gradetwo.mp;
```

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

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

```
45
```

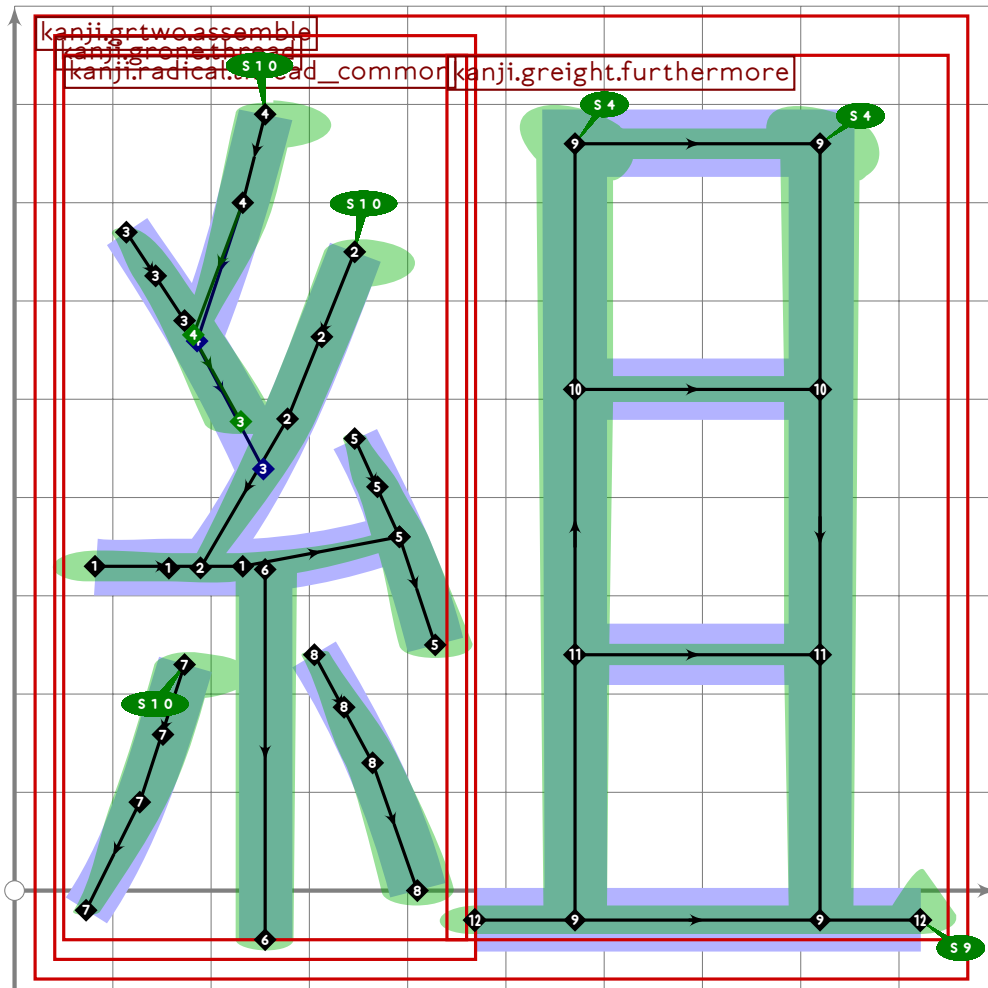
```
46 do_late_includes;
```

```
47
```

```
48
```

U+7D44
tsuku.uni7D44

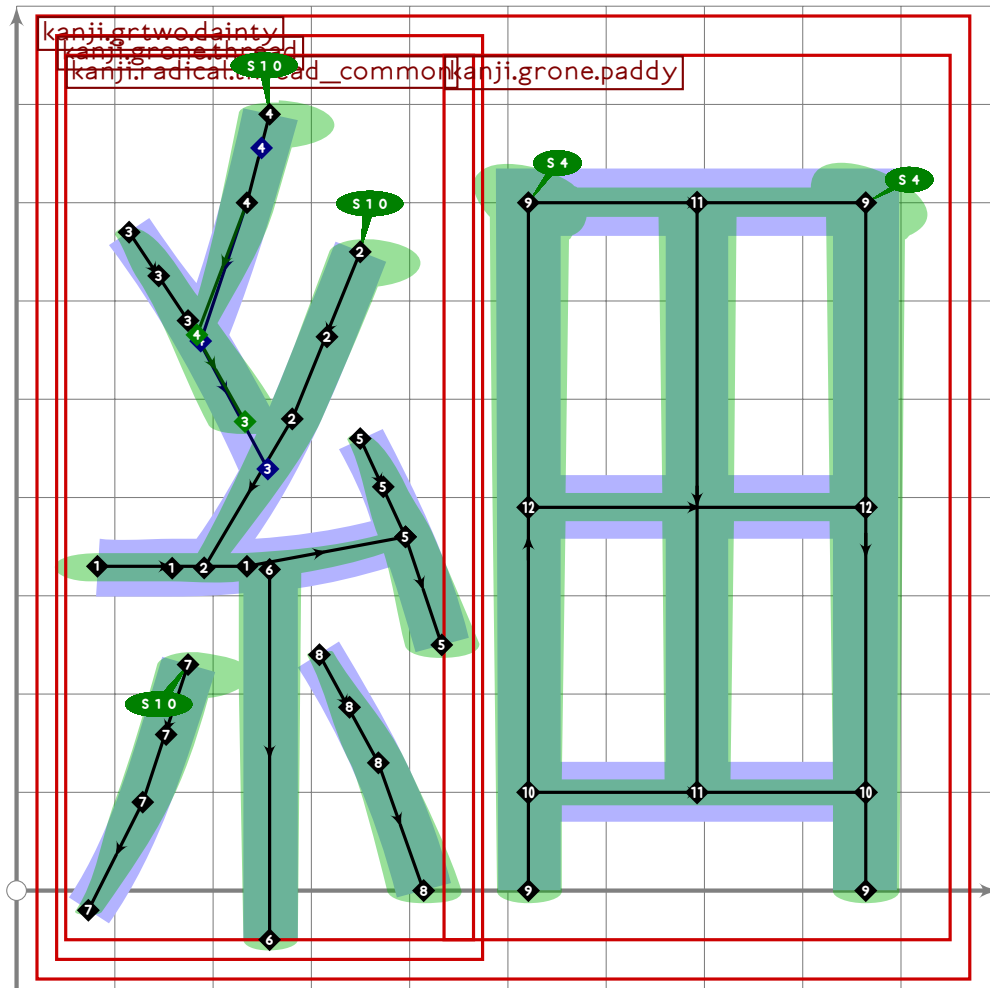
7D



```

49
50 vardef kanji.grtwo.assemble =
51   push_pbox_toexpand("kanji.grtwo.assemble");
52   build_kanji.lr(450,20)
53   (kanji.grone.thread)
54   (kanji.greight.furthermore);
55   expand_pbox;
56 enddef;

```



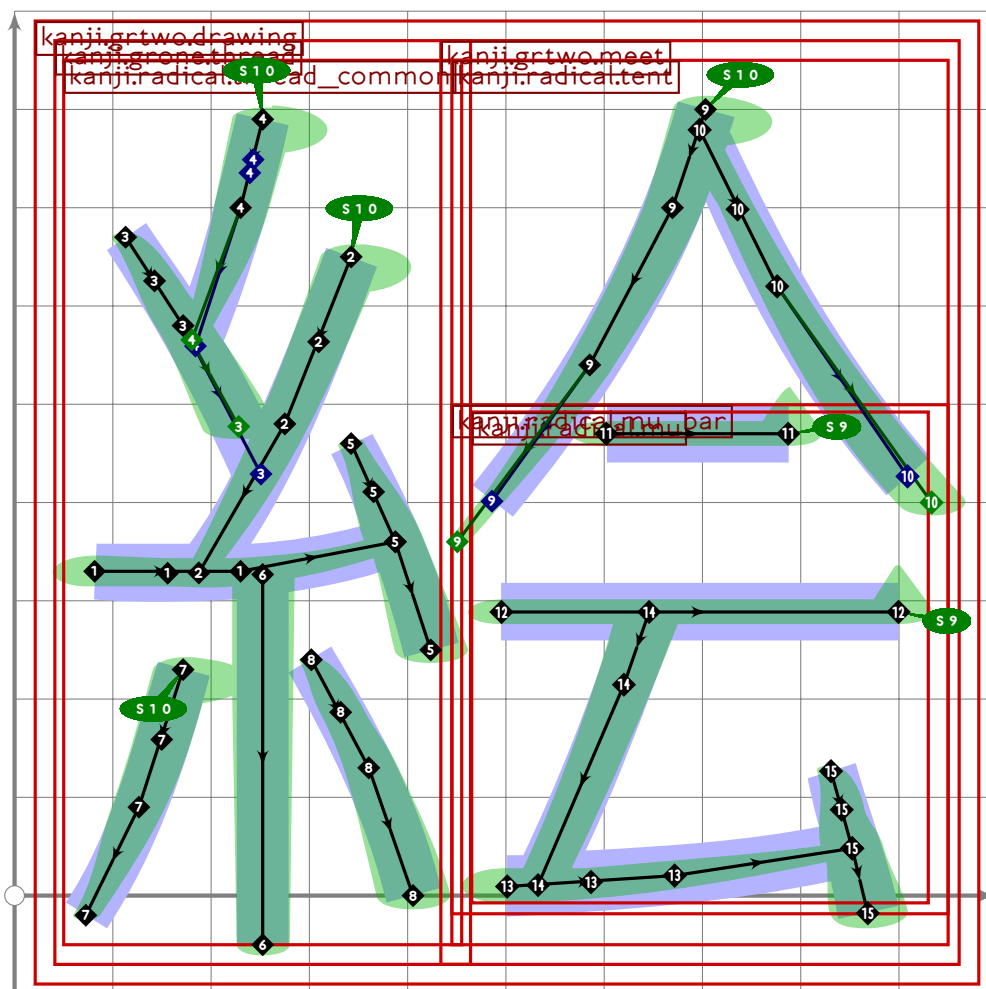
7D

```

57
58 vardef kanji.grtwo.dainty =
59   push_pbox_toexpand("kanji.grtwo.dainty");
60   build_kanji.lr(450,30)
61     (kanji.grone.thread)
62     (kanji.grone.paddy);
63   expand_pbox;
64 enddef;
65

```

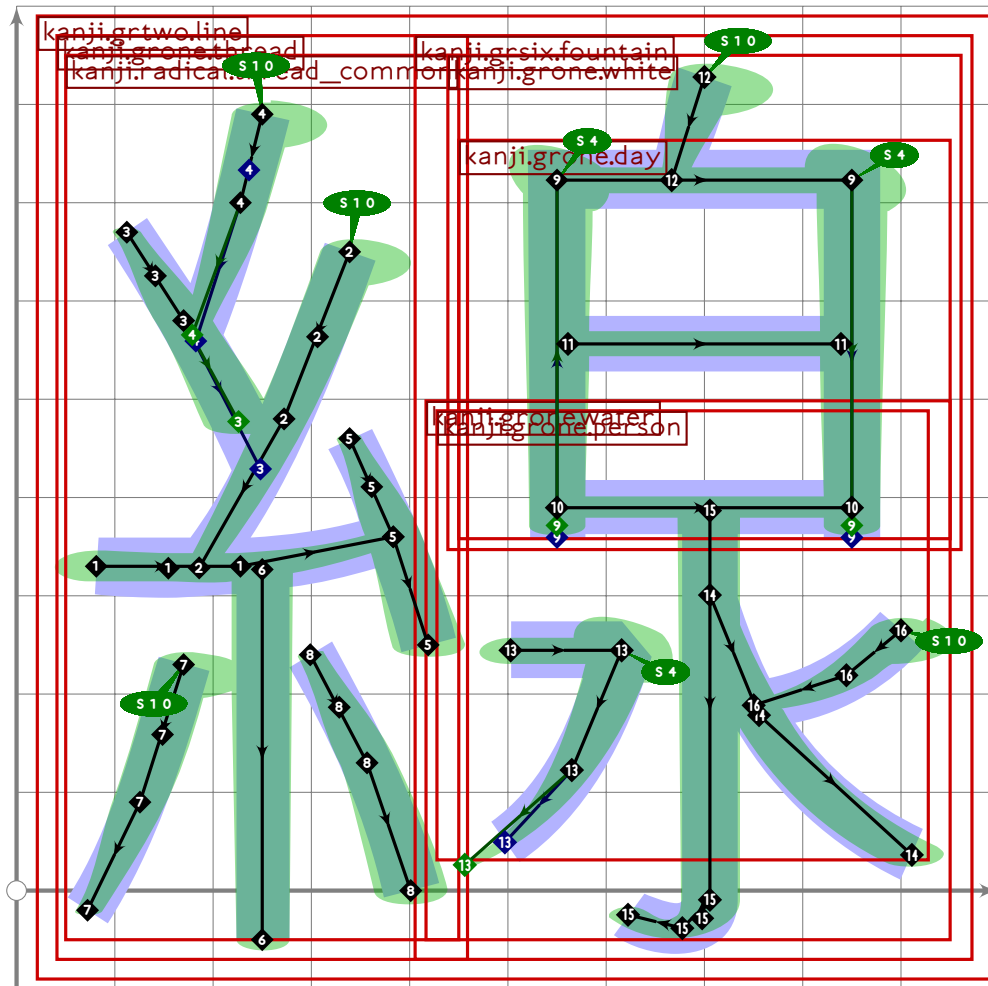
7D



```

66 % "picture" is a reserved word
67 vardef kanji.grtwo.drawing =
68   push_pbox_toexpand("kanji.grtwo.drawing");
69   build_kanji.lr(450,10)
70   (kanji.grone.thread)
71   (kanji.grtwo.meet);
72   expand_pbox;
73 enddef;

```

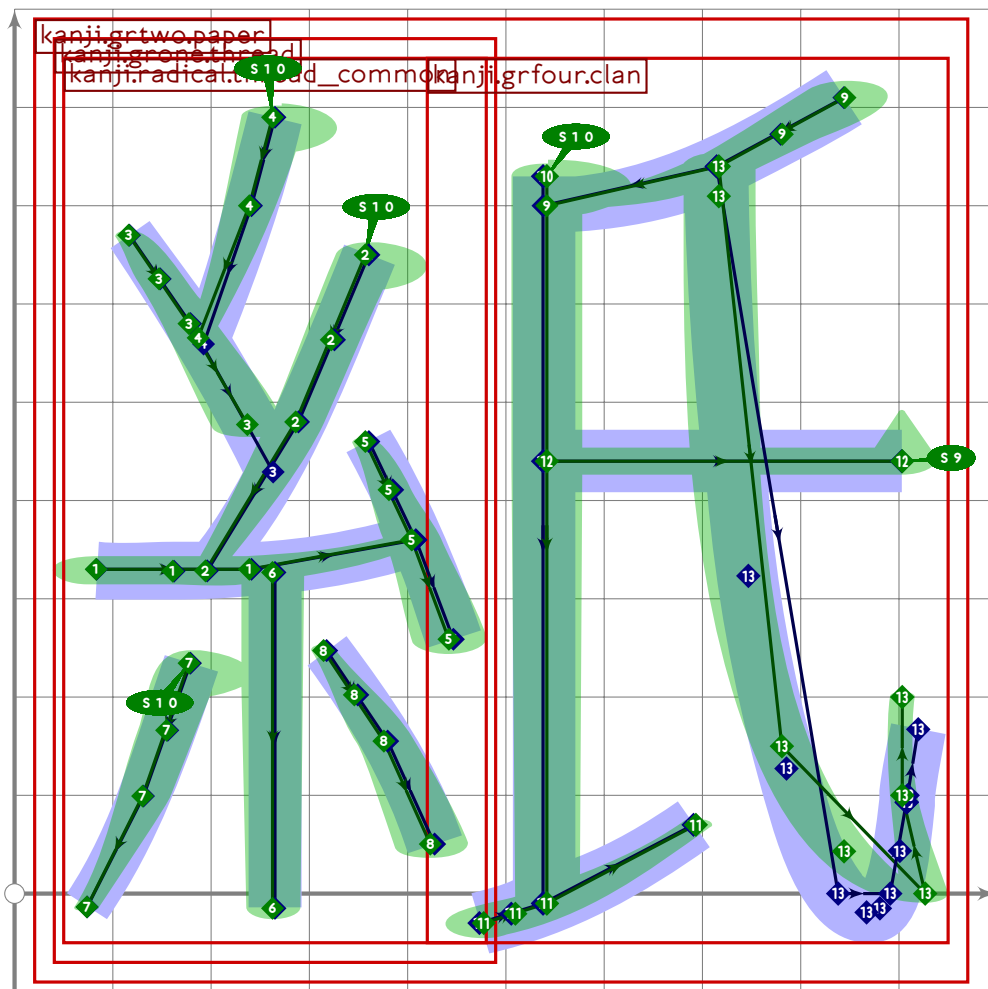


7D

```

74
75 vardef kanji.grtwo.line =
76   push_pbox_toexpand("kanji.grtwo.line");
77   build_kanji.lr(450,0)
78   (kanji.grone.thread)
79   (kanji.grsix.fountain);
80   expand_pbox;
81 enddef;

```

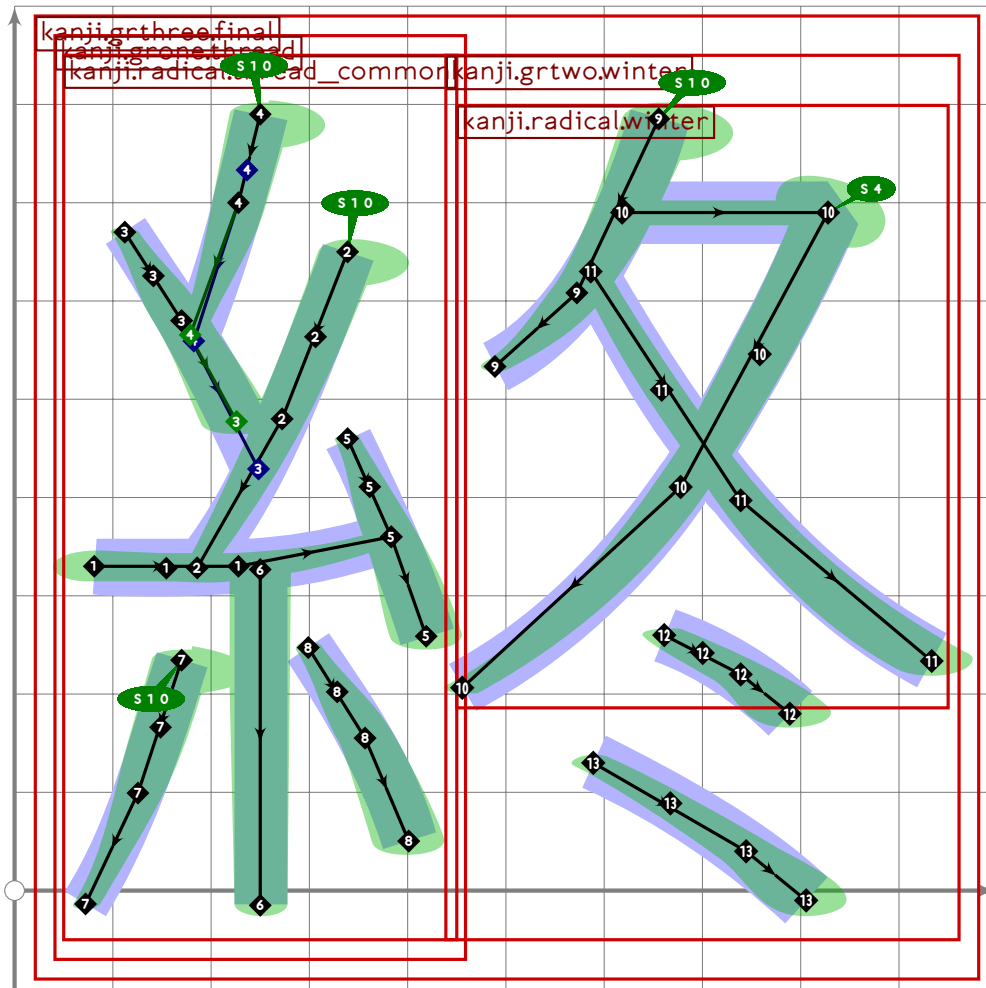


7D

```

82
83 vardef kanji.grtwo.paper =
84   push_pbox_toexpand("kanji.grtwo.paper");
85   build_kanji.lr(450,60-10*mincho)
86     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
87     (kanji.grfour.clan);
88   expand_pbox;
89 enddef;
90
91

```



7D

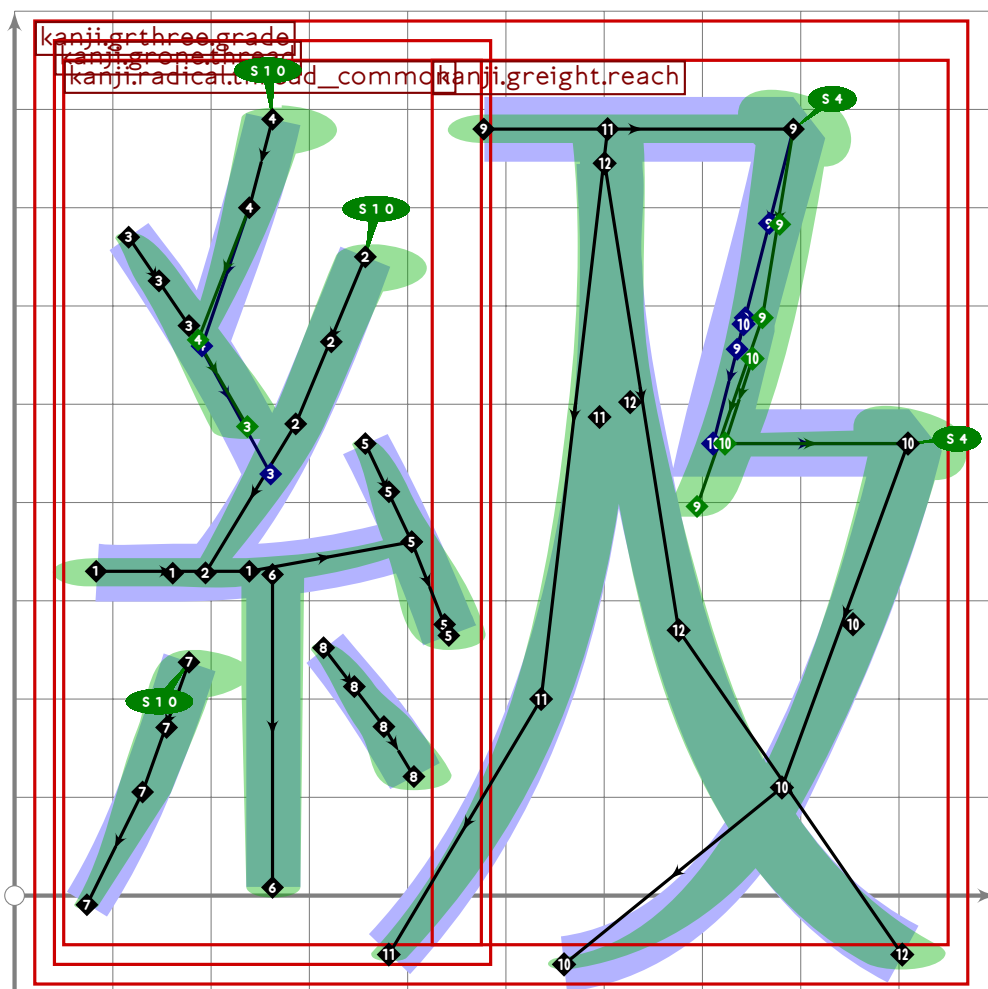
```

92
93 vardef kanji.grthree.final =
94   push_pbox_toexpand("kanji.grthree.final");
95   build_kanji.lr(450,0)
96     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
97     (kanji.grtwo.winter);
98   expand_pbox;
99 enddef;

```

U+7D1A
tsuku.uni7D1A

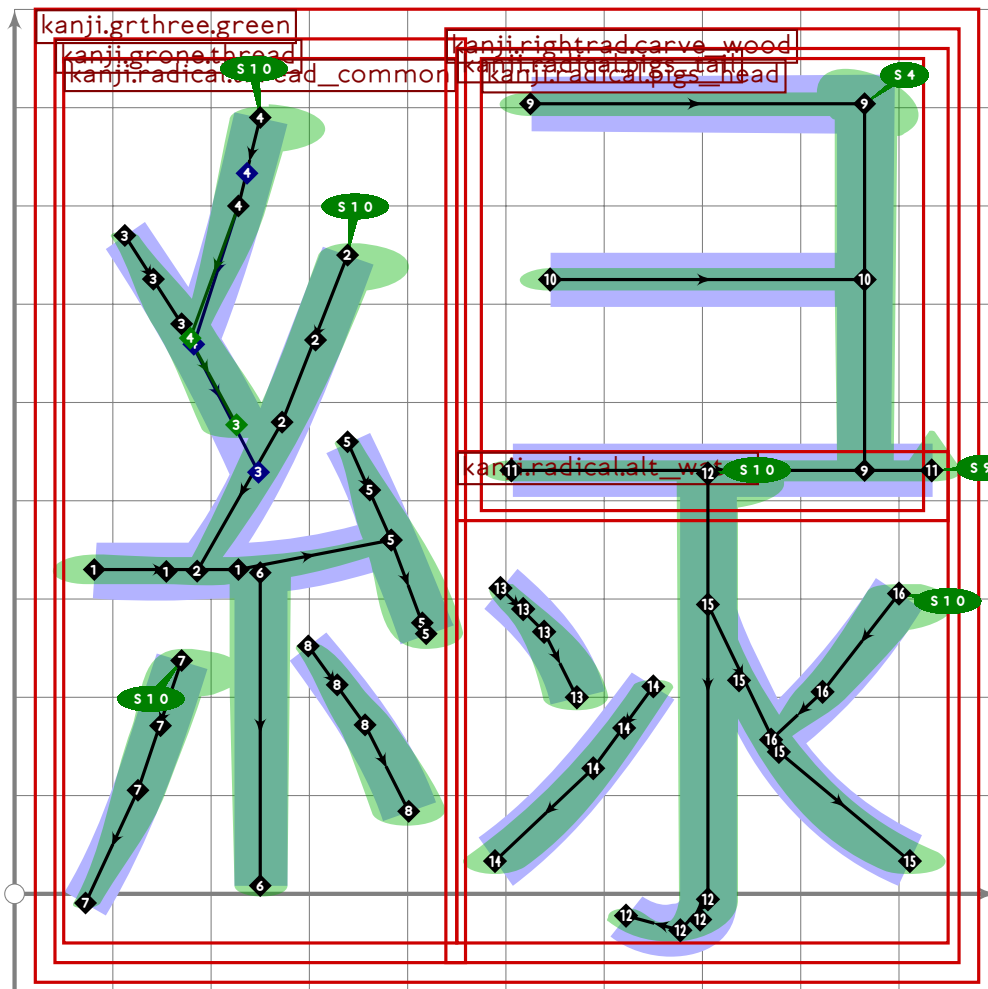
7D



```

100
101 vardef kanji.grthree.grade =
102   push_pbox_toexpand("kanji.grthree.grade");
103   build_kanji.lr(450,50)
104     (build_kanji.lift_skirt(300,100)
105       (kanji.grone.thread;
106         replace_stroke(0)(subpath (0,1.6) of oldp)))
107     (kanji.greight.reach);
108   replace_stroke(-1)((point 0 of oldp)..tension 1.2..
109     ((0,-90)+point 1 of oldp)..((-50,0)+point 2 of oldp));
110   expand_pbox;
111 enddef;

```



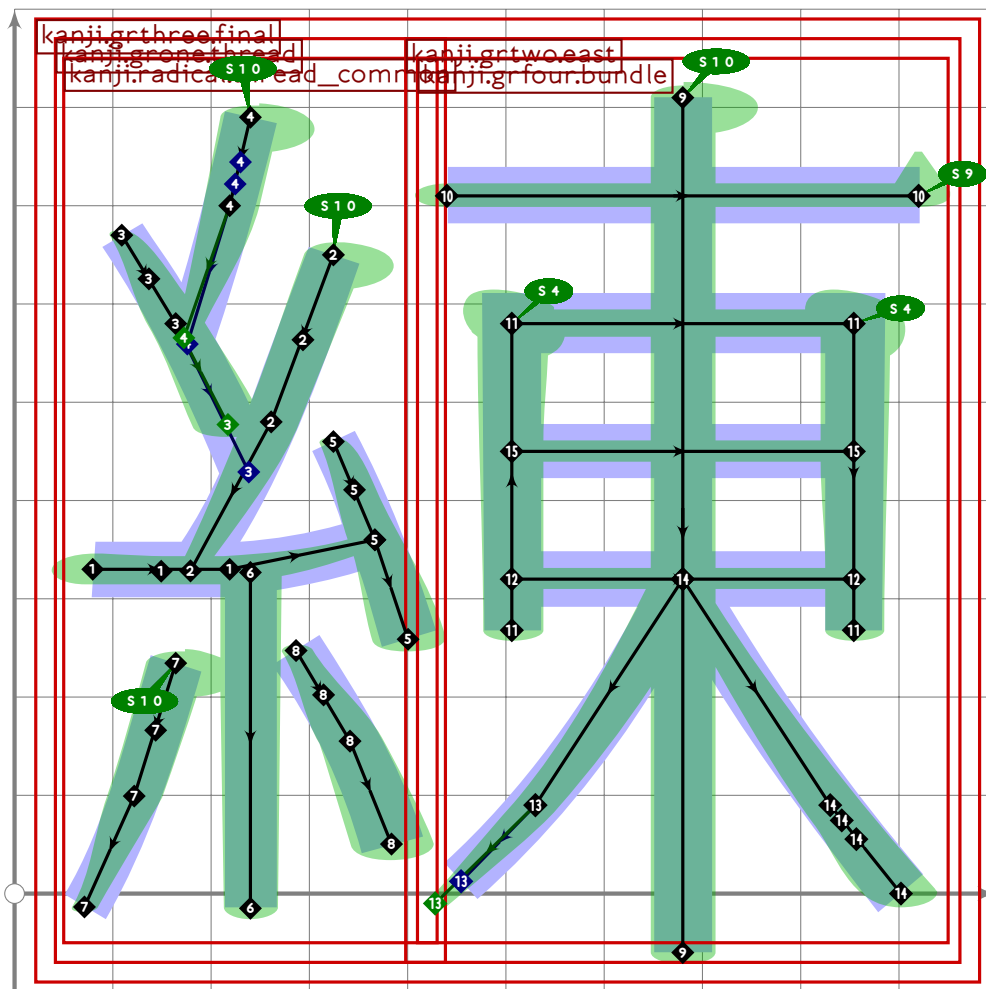
7D

```

112
113 vardef kanji.grthree.green =
114   push_pbox_toexpand("kanji.grthree.green");
115   build_kanji.lr(450,0)
116     (build_kanji.lift_skirt(300,100)(kanji.grone.thread))
117     (kanji.rightrrad.carve_wood);
118   expand_pbox;
119 enddef;

```

U+7DF4
tsuku.uni7DF4

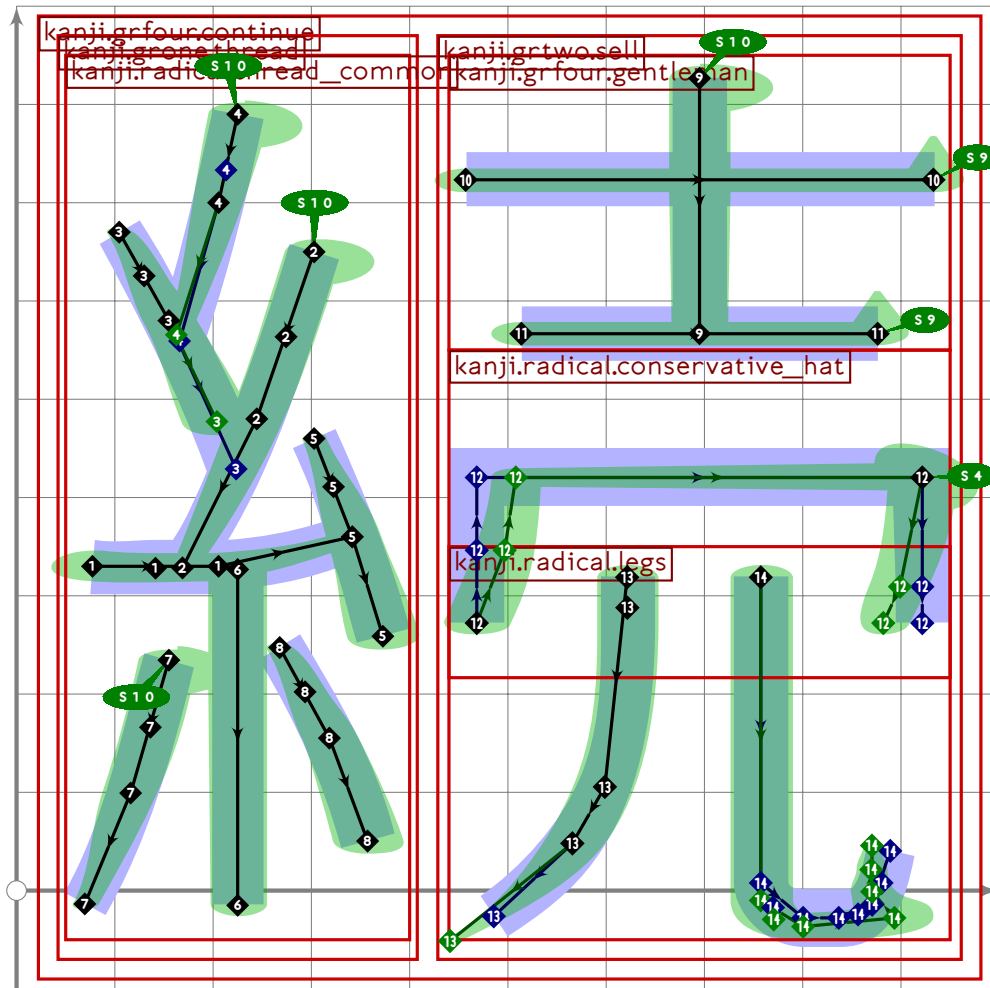


7D

```

120
121 vardef kanji.grthree.knead =
122   push_pbox_toexpand("kanji.grthree.final");
123   build_kanji.lr(420,20)
124     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
125     (kanji.grtwo.east);
126   expand_pbox;
127 enddef;
128
129

```



7D

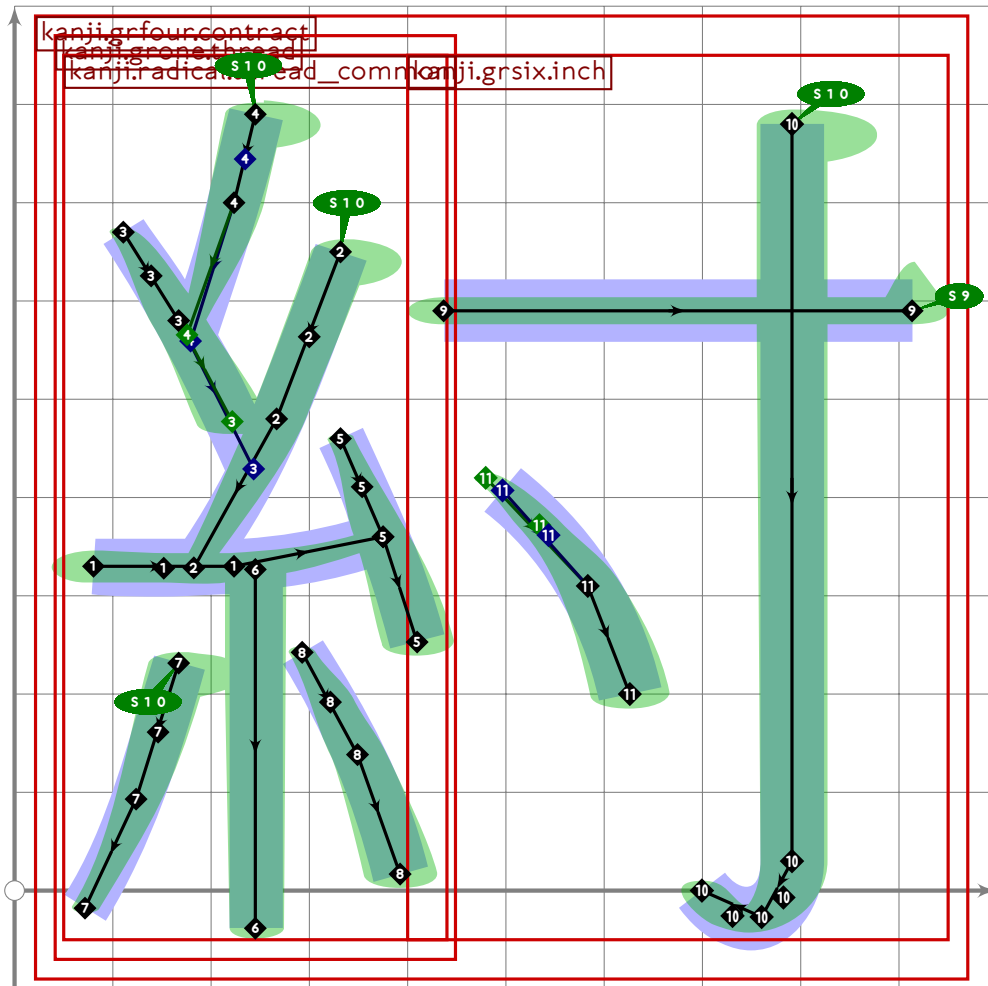
```

130
131 vardef kanji.grfour.continue =
132   push_pbox_toexpand("kanji.grfour.continue");
133   build_kanji.lr(420,-40)
134     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
135     (kanji.grtwo.sell);
136   expand_pbox;
137 enddef;
138

```

U+7D04
tsuku.uni7D04

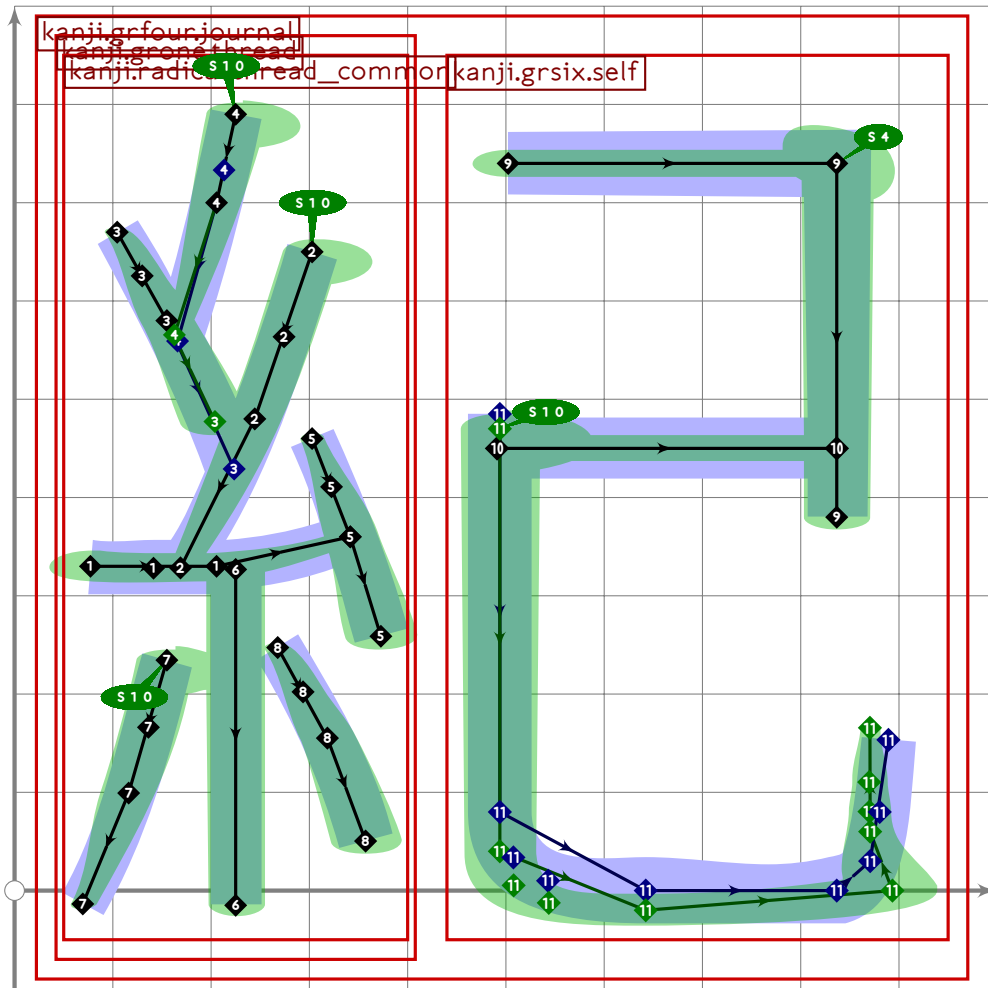
7D



```

139 % both "shrink" and "agreement"!
140 vardef kanji.grfour.contract =
141   push_pbox_toexpand("kanji.grfour.contract");
142   build_kanji.lr(420,40)
143     (build_kanji.lift_skirt(300,20)(kanji.grone.thread))
144     (kanji.grsix.inch);
145   expand_pbox;
146 enddef;

```



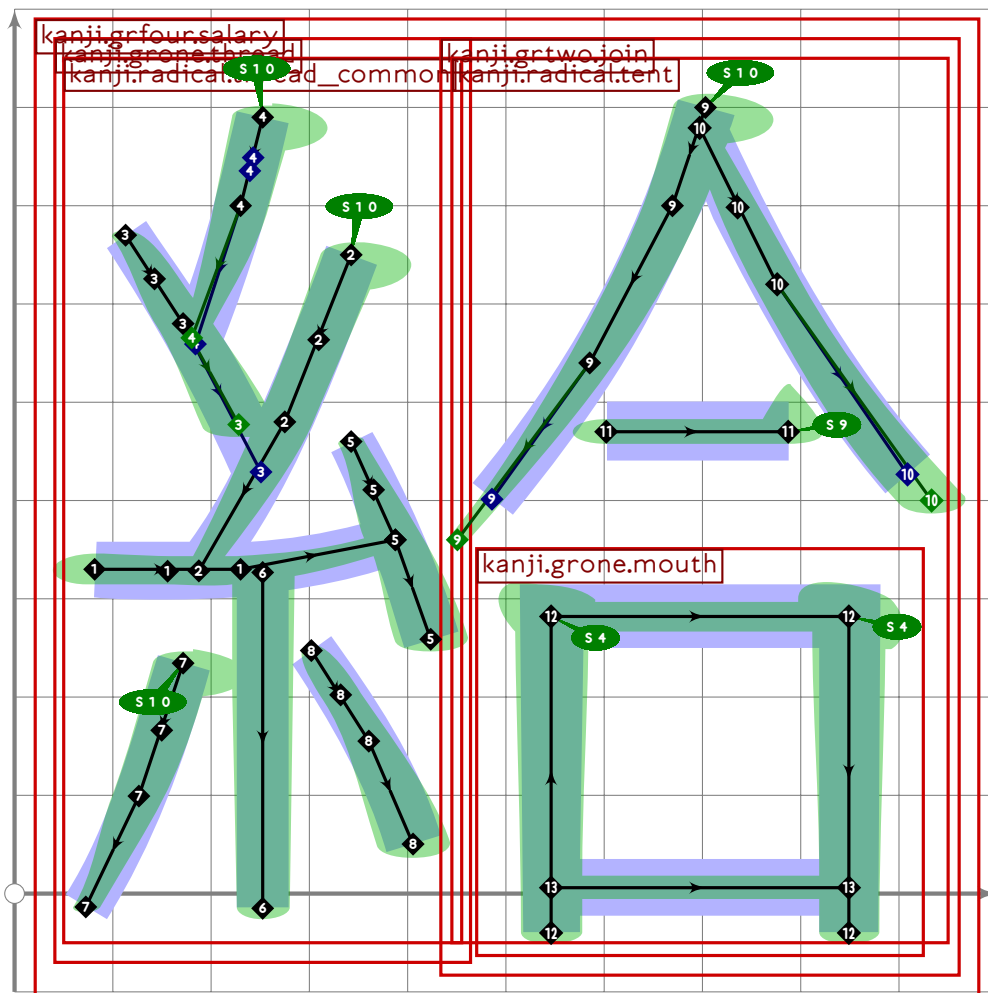
7D

```

147
148 vardef kanji.grfour.journal =
149   push_pbox_toexpand("kanji.grfour.journal");
150   build_kanji.lr(420,-40)
151     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
152     (kanji.grsix.self);
153   expand_pbox;
154 enddef;

```

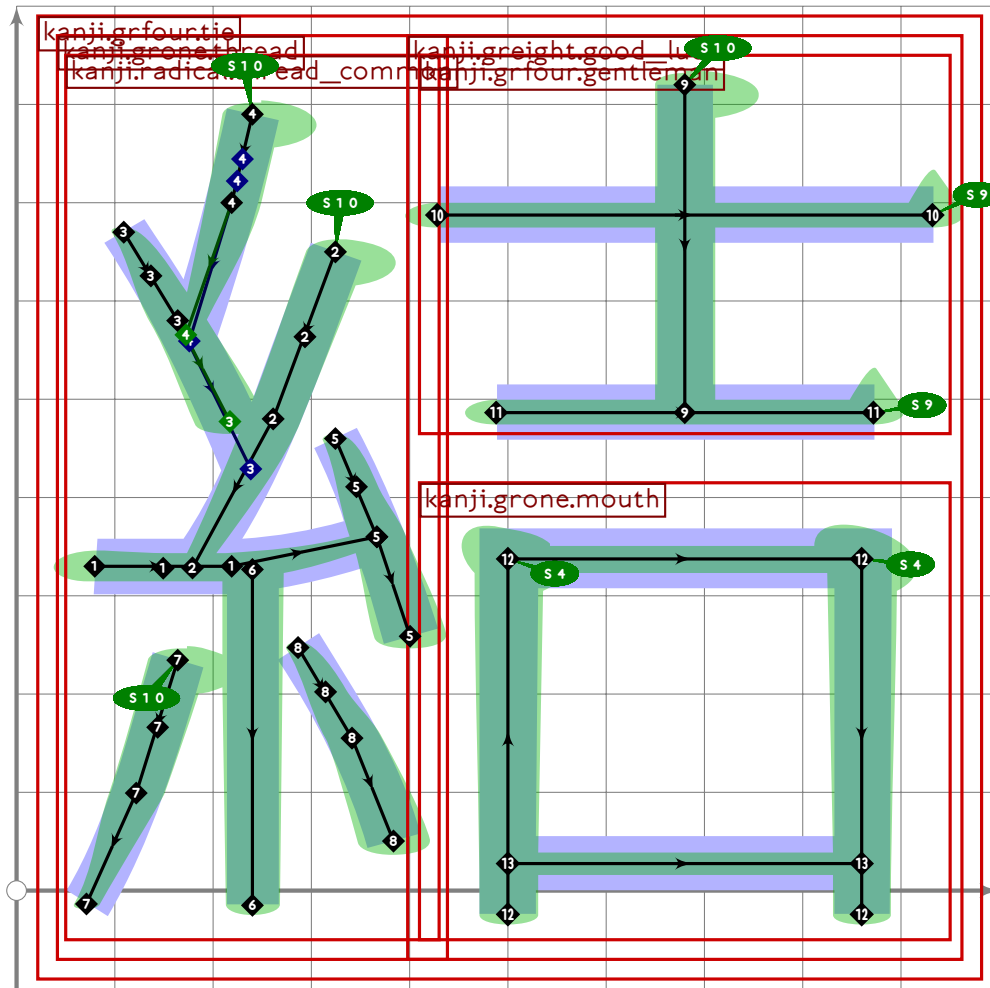
7D



```

155
156 vardef kanji.grfour.salary =
157   push_pbox_toexpand("kanji.grfour.salary");
158   build_kanji.lr(450,10)
159     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
160     (kanji.grtwo.join);
161   expand_pbox;
162 enddef;

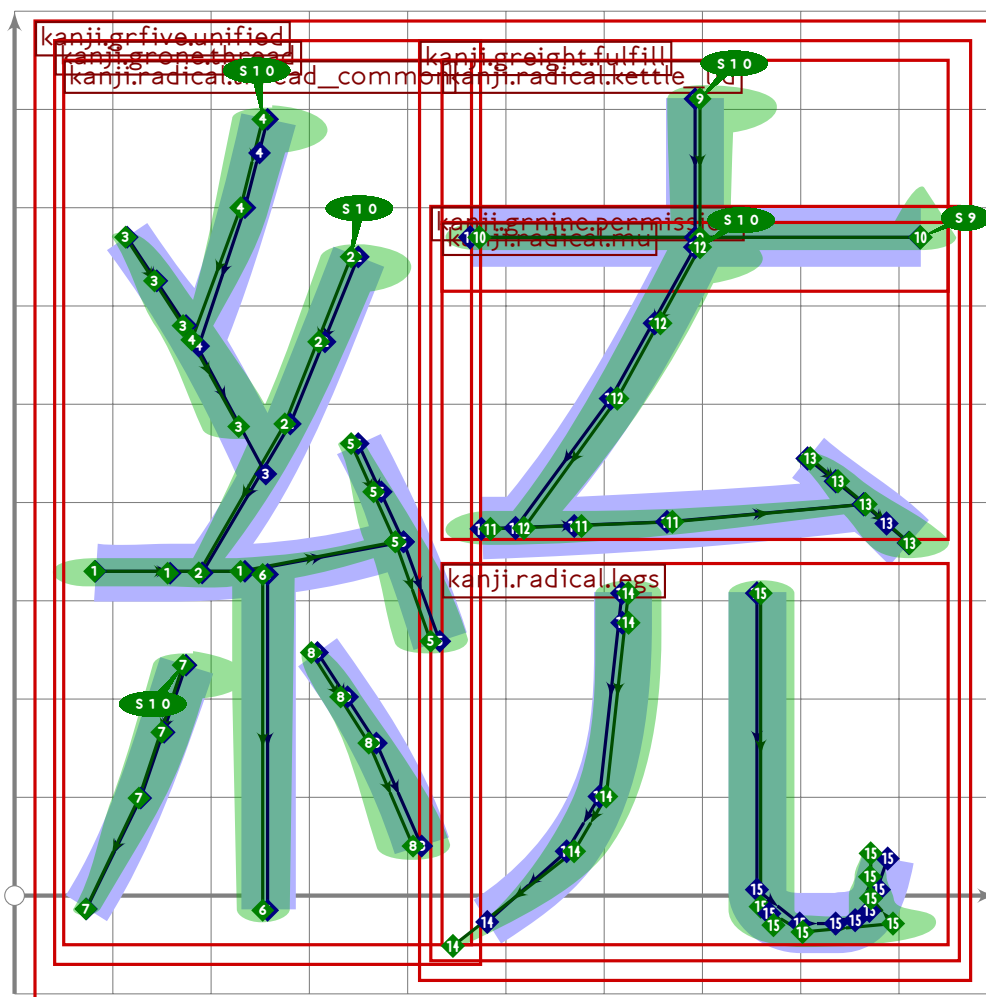
```



7D

```

163
164 vardef kanji.grfourtie =
165   push_pbox_toexpand("kanji.grfourtie");
166   build_kanji.lr(420,20)
167     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
168     (kanji.greight.good_luck);
169   expand_pbox;
170 enddef;
171
172
```



```

173
174 vardef kanji.grfive.unified =
175   push_pbox_toexpand("kanji.grfive.unified");
176   build_kanji.lr(450,30-20*mincho)
177     (build_kanji.lift_skirt(300,60)(kanji.grone.thread))
178     (kanji.greight. fulfill);
179   expand_pbox;
180 enddef;
181
182
183
184 % ki "journal"
185 begintsuglyph("uni7D00"0);
186   kanji.grfour.journal;
187   tsu_render;
188 endtsuglyph;
189
190 % yaku/tsudzu "contract"
191 begintsuglyph("uni7D04"4);
192   kanji.grfour.contract;
193   tsu_render;

```

[see page 2581]

[see page 2580]

```

194 endtsuglyph;
195
196 % shi/kami "paper"
197 begintsuglyph("uni7D19";25); [see page 2574]
198   kanji.grtwo.paper;
199   tsu_render;
200 endtsuglyph;
201
202 % kyu "grade"
203 begintsuglyph("uni7D1A";26); [see page 2576]
204   kanji.grthree.grade;
205   tsu_render;
206 endtsuglyph;
207
208 % dai/hoso "dainty"
209 begintsuglyph("uni7D30";48); [see page 2571]
210   kanji.grtwo.dainty;
211   tsu_render;
212 endtsuglyph;
213
214 % shuu/o "final"
215 begintsuglyph("uni7D42";66); [see page 2575]
216   kanji.grthree.final;
217   tsu_render;
218 endtsuglyph;
219
220 % so/ku "assemble"
221 begintsuglyph("uni7D44";68); [see page 2570]
222   kanji.grtwo.assemble;
223   tsu_render;
224 endtsuglyph;
225
226 % ketsu/musu "tie"
227 begintsuglyph("uni7D50";80); [see page 2583]
228   kanji.grfour.tie;
229   tsu_render;
230 endtsuglyph;
231
232 % kyu/tama "salary"
233 begintsuglyph("uni7D66";102); [see page 2582]
234   kanji.grfour.salary;
235   tsu_render;
236 endtsuglyph;
237
238 % tou/su "unified"
239 begintsuglyph("uni7D71";113); [see page 2584]
240   kanji.grfive.unified;
241   tsu_render;

```

```

242 endtsuglyph;
243
244 % kai/e "picture"
245 begintsuglyph("uni7D75";117); [see page 2572]
246   kanji.grtwo.drawing;
247   tsu_render;
248 endtsuglyph;
249
250 % zoku/tsudzu "continue"
251 begintsuglyph("uni7D9A";154); [see page 2579]
252   kanji.grfour.continue;
253   tsu_render;
254 endtsuglyph;
255
256 % ryoku/midori "green"
257 begintsuglyph("uni7DD1";209); [see page 2577]
258   kanji.grthree.green;
259   tsu_render;
260 endtsuglyph;
261
262 % sen/suji "line" (geometric, rail, telephone)
263 begintsuglyph("uni7DDA";218); [see page 2573]
264   kanji.grtwo.line;
265   tsu_render;
266 endtsuglyph;
267
268 % ren/nuri "knead" or "paste"
269 begintsuglyph("uni7DF4";244); [see page 2578]
270   kanji.grthree.knead;
271   tsu_render;
272 endtsuglyph;
273
274 _____
275
276 endfont;
277
278 _____

```

tsuku-7f.mp

7F

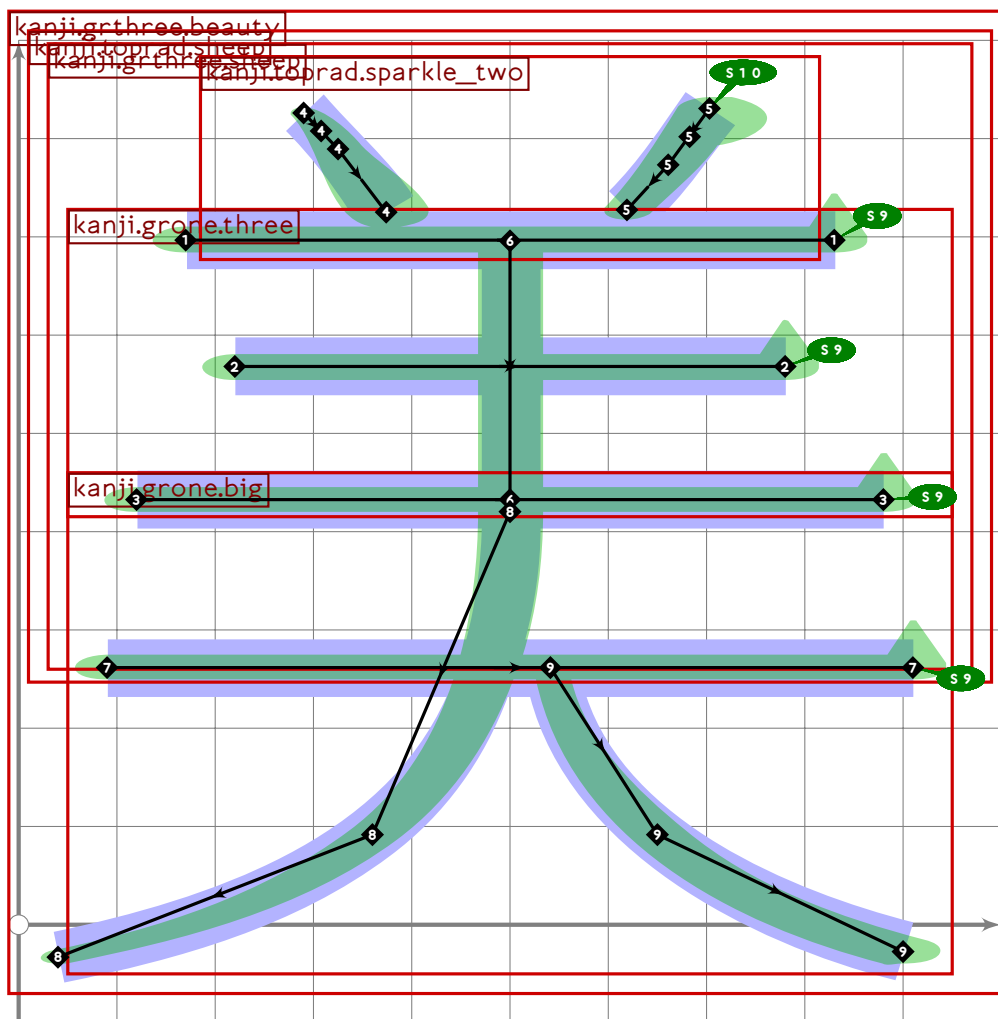
```
1 %
2 % Unicode page 7F (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```

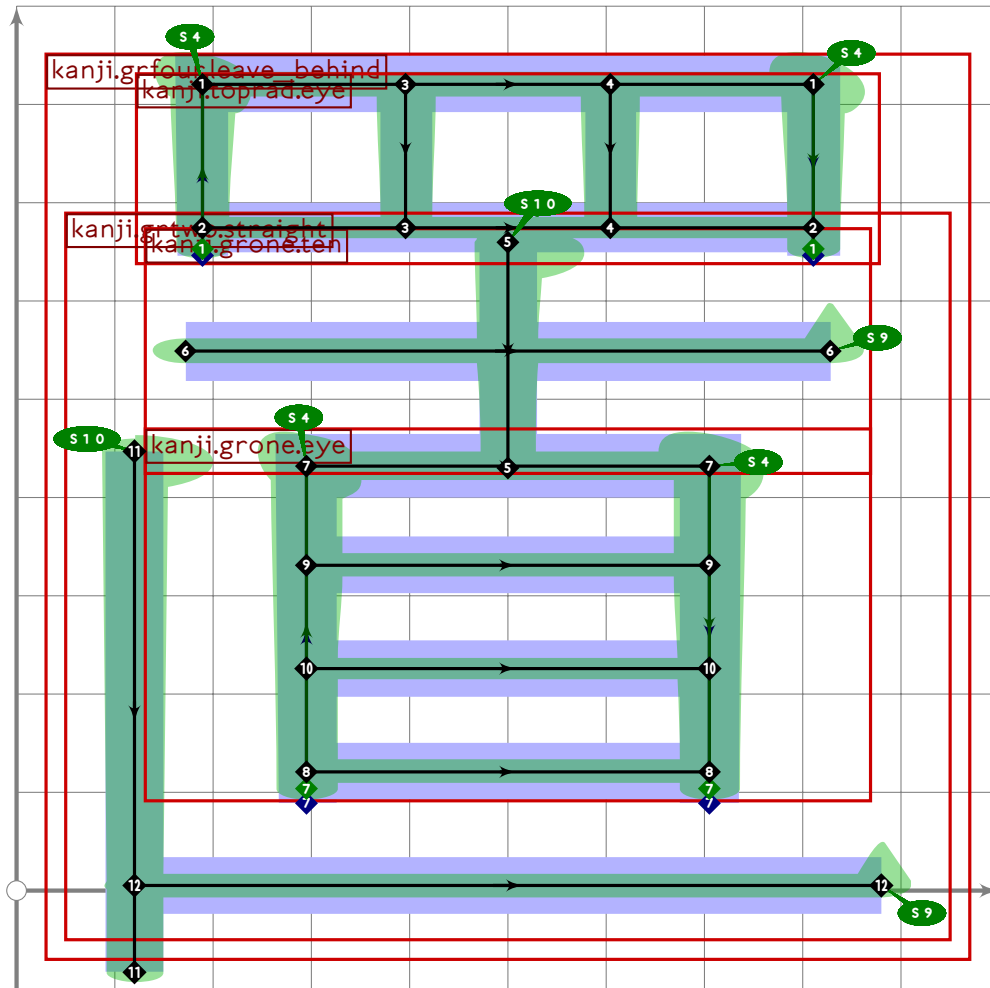


7F

```

51
52 vardef kanji.grthree.beauty =
53   push_pbox_toexpand("kanji.grthree.beauty");
54   build_kanji.level(build_kanji.tb(360,200)
55     (kanji.toprad.sheep)
56     (kanji.grone.big;
57       replace_strokep(-1)(oldp shifted (-10,0))));
58   expand_pbox;
59 enddef;
60
61

```



7F

```

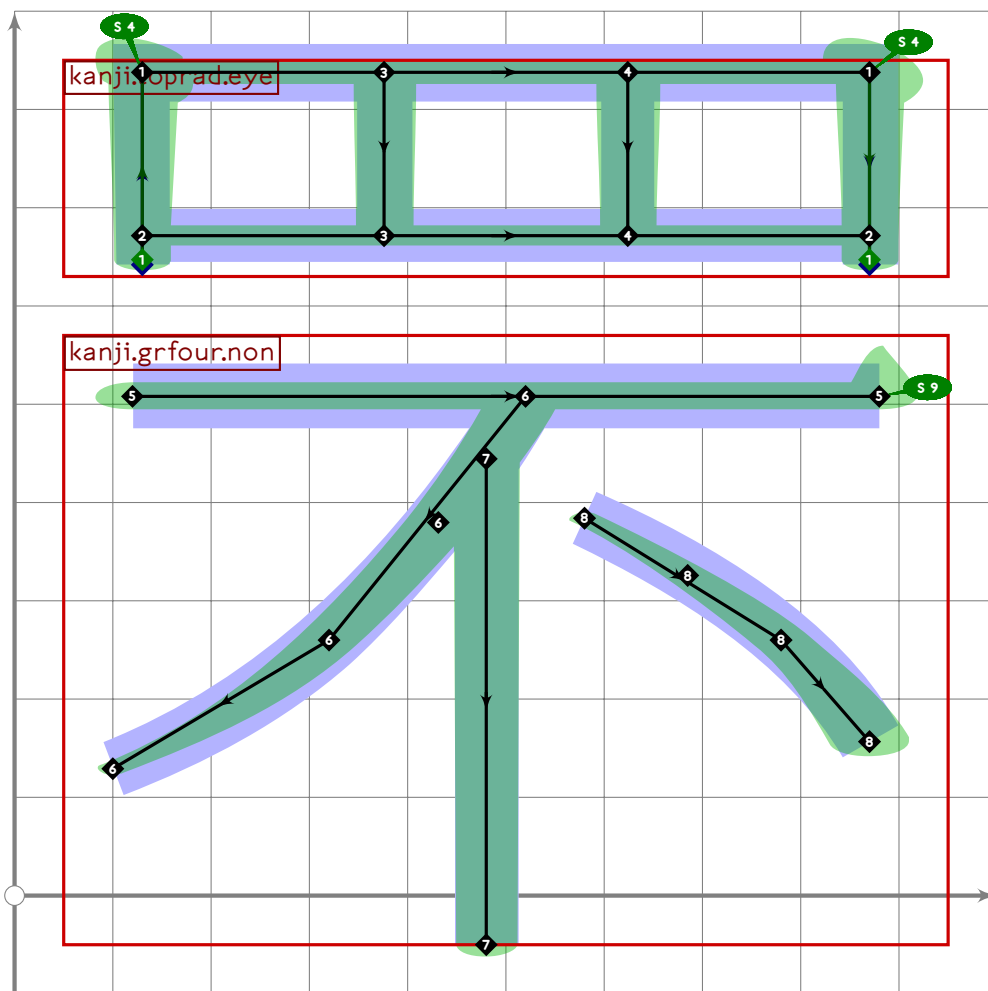
62
63 vardef kanji.grfour.leave_behind =
64   push_pbox_toexpand("kanji.grfour.leave_behind");
65   build_kanji.tb(640,40)
66   (build_kanji.sscale(scaled 0.84)(kanji.toprad.eyee))
67   (kanji.grtwo.straight);
68   expand_pbox;
69 enddef;
70
71
72
73 % kan/kama "tin can"
74 begintsuglyph("uni7F36",54);
75   kanji.greight.tin_can;
76   tsu_render;
77 endtsuglyph;
78

```

[see page 776]

U+7F58
tsuku.uni7F58

7F



79 % extra: fu/usagiame "rabbit catching net"

80 begintsuglyph("uni7F58",88);

81 build_kanji.tb(600,60)

82 (kanji.toprad.eye)

83 (kanji.grfour.non);

84 tsu_render;

85 endtsuglyph;

86

87 % chi/o "desert" or "leave behind"

88 begintsuglyph("uni7F6E",110);

89 kanji.grfour.leave_behind;

90 tsu_render;

91 endtsuglyph;

92

93 % you/hitsuji "sheep"

94 begintsuglyph("uni7F8A",138);

95 kanji.grthree.sheep;

96 tsu_render;

97 endtsuglyph;

98

99 % bi/utsuku "beauty"

[see page 2589]

[see page 593]

100	begintsuglyph("uni7F8E";142);	[see page 2588]
101	kanji.grthree.beauty;	
102	tsu_render;	
103	endtsuglyph;	
104		
105	% gi/tagashi "righteousness"	
106	begintsuglyph("uni7FA9";169);	[see page 650]
107	kanji.grfive.righteousness;	
108	tsu_render;	
109	endtsuglyph;	
110		
111	% u/hane "feather"	
112	begintsuglyph("uni7FBD";189);	[see page 501]
113	kanji.grtwo.feather;	
114	tsu_render;	
115	endtsuglyph;	
116		
117	% shuu/nara "learn"	
118	begintsuglyph("uni7FD2";210);	[see page 582]
119	kanji.grthree.learn;	
120	tsu_render;	
121	endtsuglyph;	
122		
123	_____	
124		
125	endfont;	
126		
127	_____	

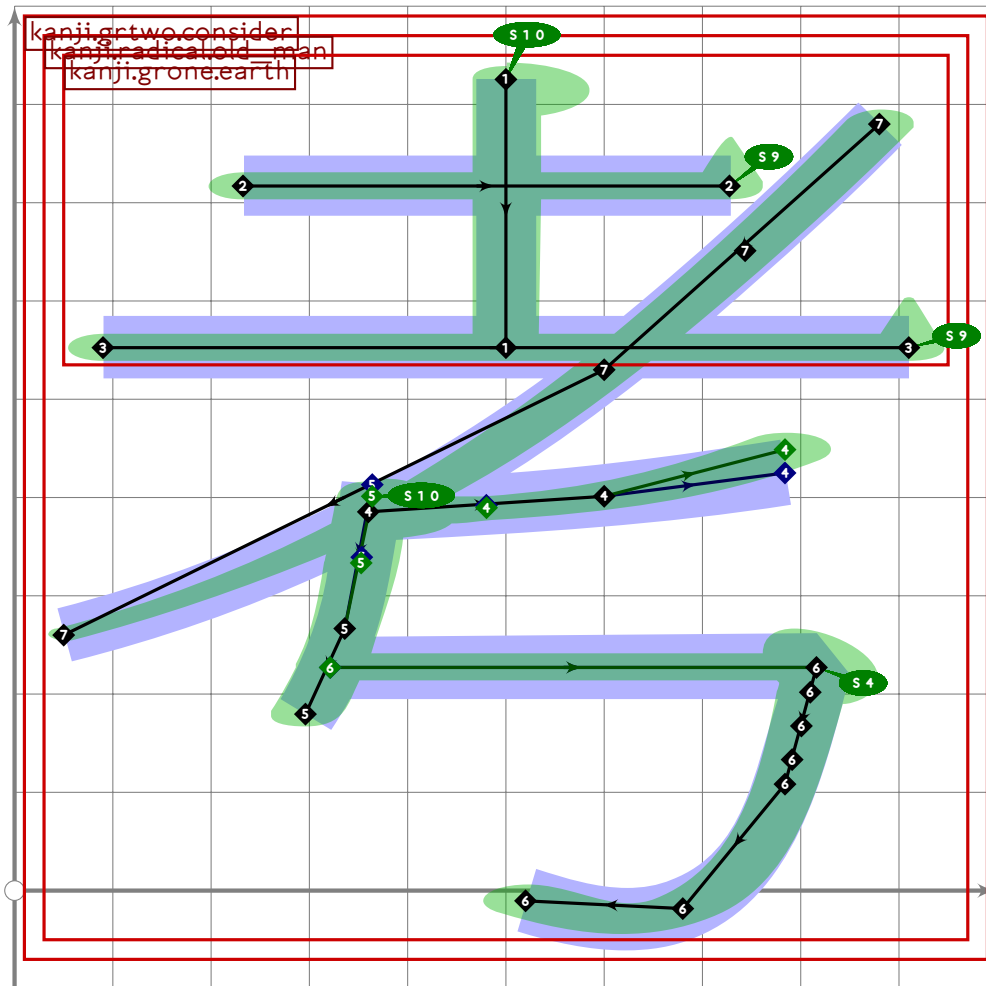
```
1 %
2 % Unicode page 80 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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 gradethree.mp;
45 input gradetwo.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52 

---

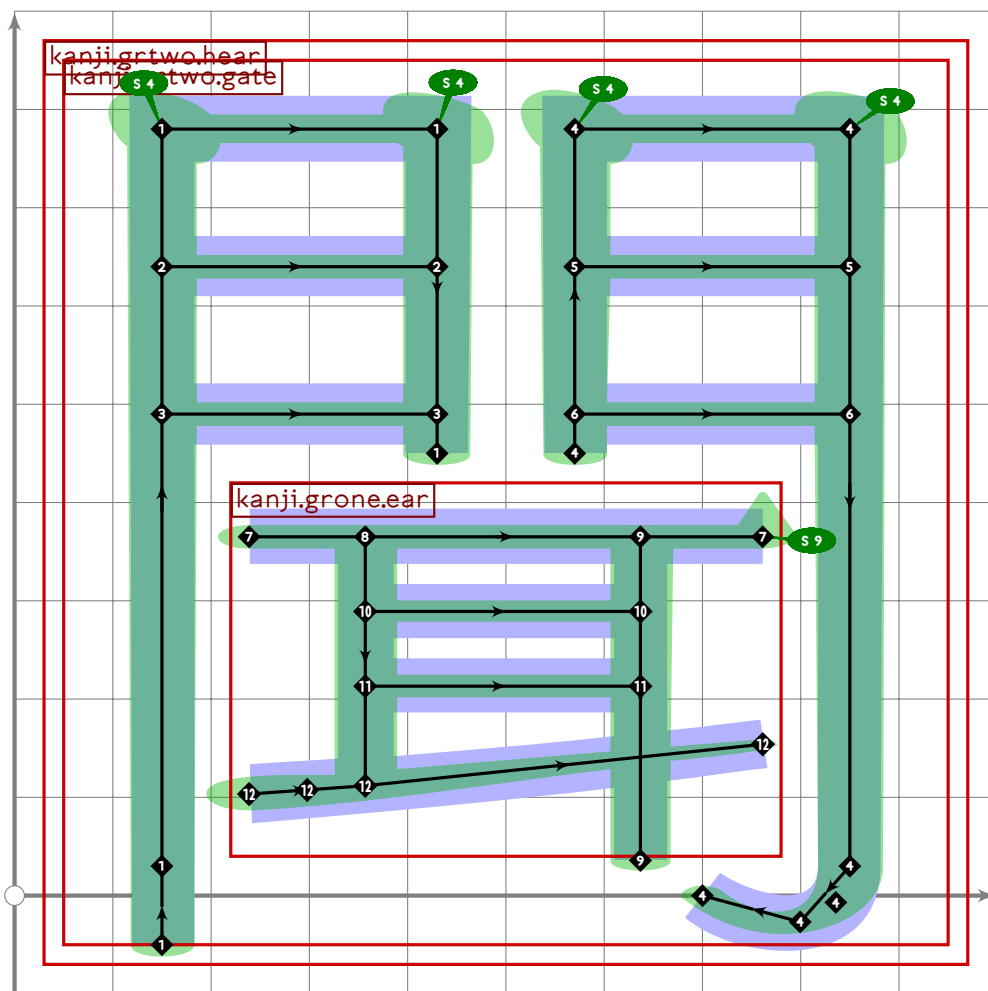

```



```

53
54 vardef kanji.grtwo.consider =
55   push_pbox_toexpand("kanji.grtwo.consider");
56   kanji.radical.old_man(
57     build_kanji.sscale(xyscaled (0.8,1.5) shifted (60,220))
58     (push_stroke((250,500)..tension 1.2..(550,520)..(780,550+30*mincho),
59       (1.5,1.5)-(1.5,1.5)-(1.9,1.9));
60     push_stroke((255,535-15*mincho)..tension 1.2..(220,350)..(170,240),
61       (1.7,1.7)-(1.6,1.6)-(1.6,1.6));
62     set_boserif(0,0,10);
63     push_stroke((get_stroke(0) intersectionpoint ((0,300)-(1000,300)))-
64       (820,300)..tension 1.7..(780,150)..(650,-10)..{curl 0.1}(450,0),
65       (1.6,1.6)-(1.6,1.6)-(1.5,1.5)-(1.7,1.7)-(1.8,1.8));
66     set_botip(0,1);
67     set_boserif(0,1,4));
68   expand_pbox;
69 enddef;

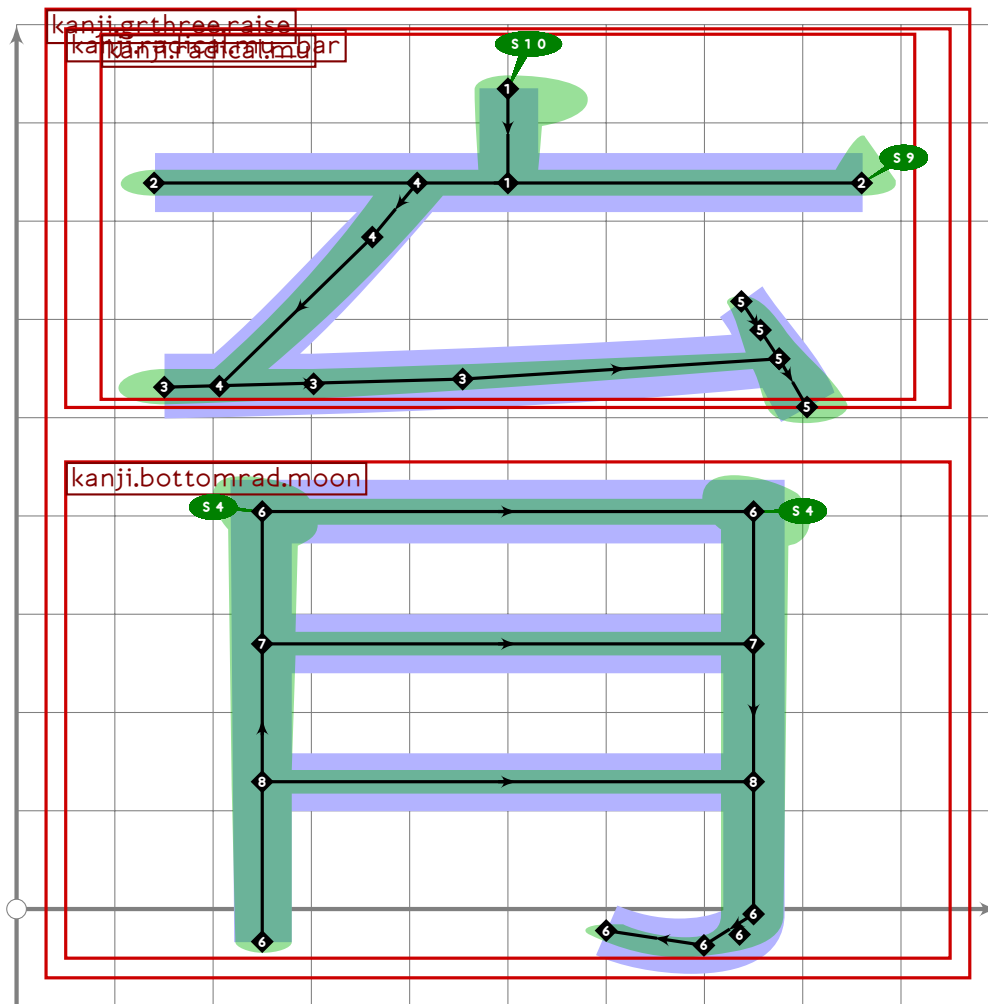
```



```

70
71 vardef kanji.grtwo.hear =
72   push_pbox_toexpand("kanji.grtwo.hear");
73   build_kanji.gate_enclose(kanji.grone.ear);
74   expand_pbox;
75 enddef;
76
77

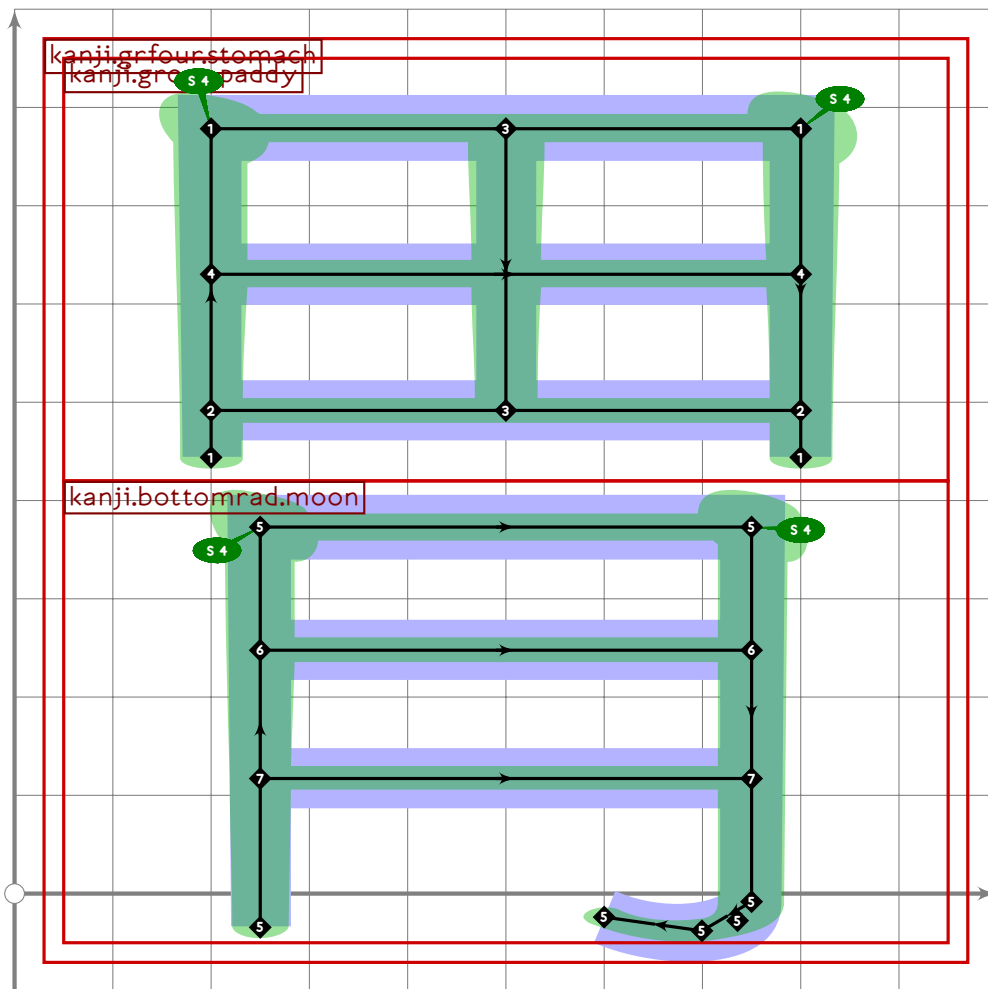
```



```

78
79 vardef kanji.grthree.raise =
80   push_pbox_toexpand("kanji.grthree.raise");
81   build_kanji.level(build_kanji.tb(480,-50)
82     (push_stroke((500,810)-(500,560),(1.6,1.6)-(1.5,1.5));
83     set_boserif(0,0,10);
84     tsu_xform(identity yscaled (560/780))(kanji.radical.mu_bar))
85     (kanji.bottomrad.moon));
86   expand_pbox;
87 enddef;
88
89

```



```

90
91 vardef kanji.grfour.stomach =
92   push_pbox_toexpand("kanji.grfour.stomach");
93   build_kanji.level(build_kanji.tb(420,0)
94     (kanji.grone.paddy)
95     (kanji.bottomrad.moon));
96   expand_pbox;
97 enddef;

```

98

99

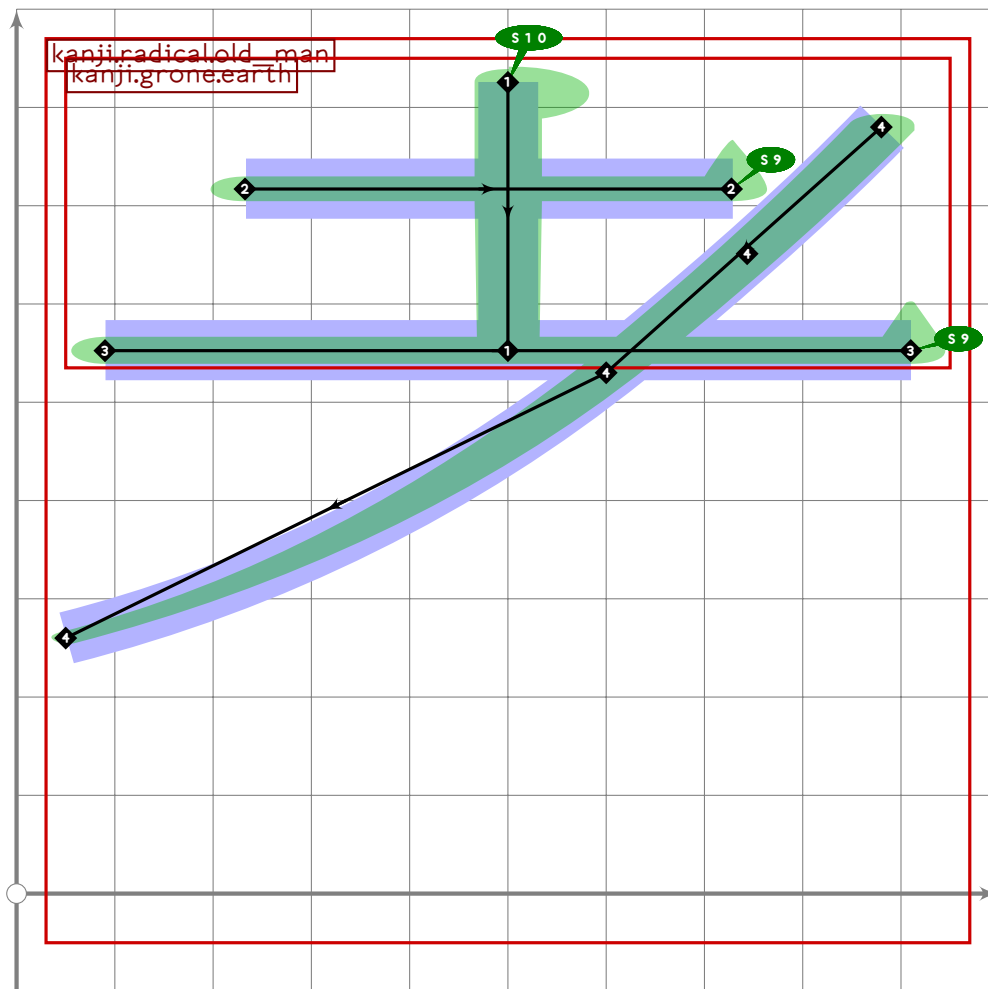
100

```

101 % rou/o "old man"
102 begintsuglyph("uni8001";1);
103   kanji.grfour.old_man;
104   tsu_render;
105 endtsuglyph;
106

```

[see page 629]



```

107 % "old man without a spoon" radical
108 begintsuglyph("uni8002";2);
109   kanji.radical.old_man();
110   tsu_render;
111 endtsuglyph;
112
113 % kou/kanga "consider"
114 begintsuglyph("uni8003";3);
115   kanji.grtwo.consider;
116   tsu_render;
117 endtsuglyph;
118
119 % sha/mono "person" or "thing"
120 begintsuglyph("uni8005";5);
121   kanji.grthree.person;
122   tsu_render;
123 endtsuglyph;
124
125 % ken/mi "ear"
126 begintsuglyph("uni8033";51);
127   kanji.grone.ear;

```

[see page 2593]

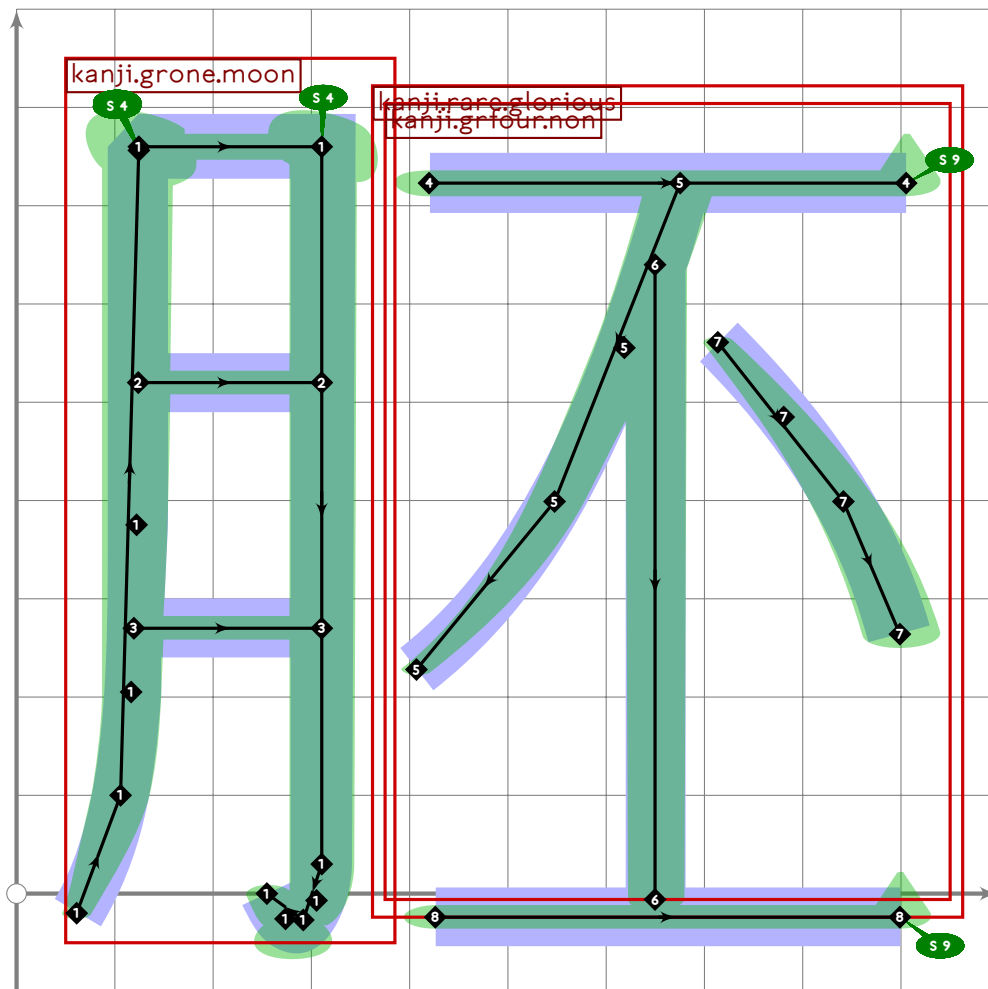
[see page 591]

[see page 428]

```

128   tsu_render;
129 endtsuglyph;
130
131 % bun/ki "hear"
132 begintsuglyph("uni805E";94); [see page 2594]
133   kanji.grtwo.hear;
134   tsu_render;
135 endtsuglyph;
136
137 % brush radical
138 begintsuglyph("uni807F";127); [see page 688]
139   kanji.radical.brush;
140   tsu_render;
141 endtsuglyph;
142
143 % niku "meat"
144 begintsuglyph("uni8089";137); [see page 522]
145   kanji.grtwo.meat;
146   tsu_render;
147 endtsuglyph;
148
149 % shou/ayaka "resemblance"
150 begintsuglyph("uni8096";150); [see page 770]
151   kanji.greight.resemblance;
152   tsu_render;
153 endtsuglyph;
154
155 % iku/soda "raise"
156 begintsuglyph("uni80B2";178); [see page 2595]
157   kanji.grthree.raise;
158   tsu_render;
159 endtsuglyph;
160
161 % i "stomach"
162 begintsuglyph("uni80C3";195); [see page 2596]
163   kanji.grfour.stomach;
164   tsu_render;
165 endtsuglyph;
166

```



```

167 % extra: hai/hanami "embryo"
168 begintsuglyph("uni80DA";218);
169   build_kanji.level(build_kanji.lr(380,10)
170     (kanji.grone.moon)
171     (build_kanji.sscale(yscaled 0.9)(kanji.rare.glorious)));
172   tsu_render;
173 endtsuglyph;

```

```

174
175 % ko/nanzo "barbarian"
176 begintsuglyph("uni80E1";225);
177   kanji.grnine.barbarian;
178   tsu_render;
179 endtsuglyph;

```

[see page 783]

```

180
181 % nou/yo "talent"
182 begintsuglyph("uni80FD";253);
183   kanji.grfive.talent;
184   tsu_render;
185 endtsuglyph;

```

[see page 653]

```

186
187

```

188

189 endfont;

190

191

tsuku-81.mp

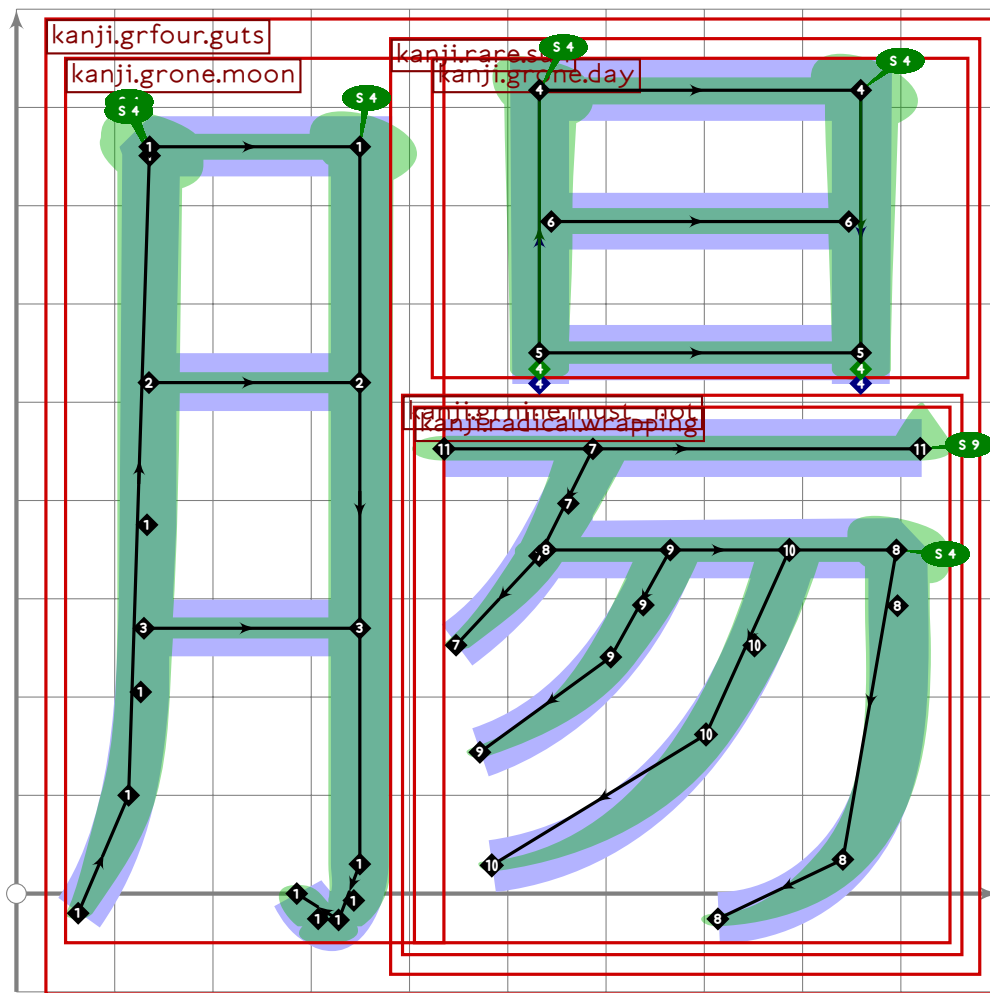
```
1 %
2 % Unicode page 81 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

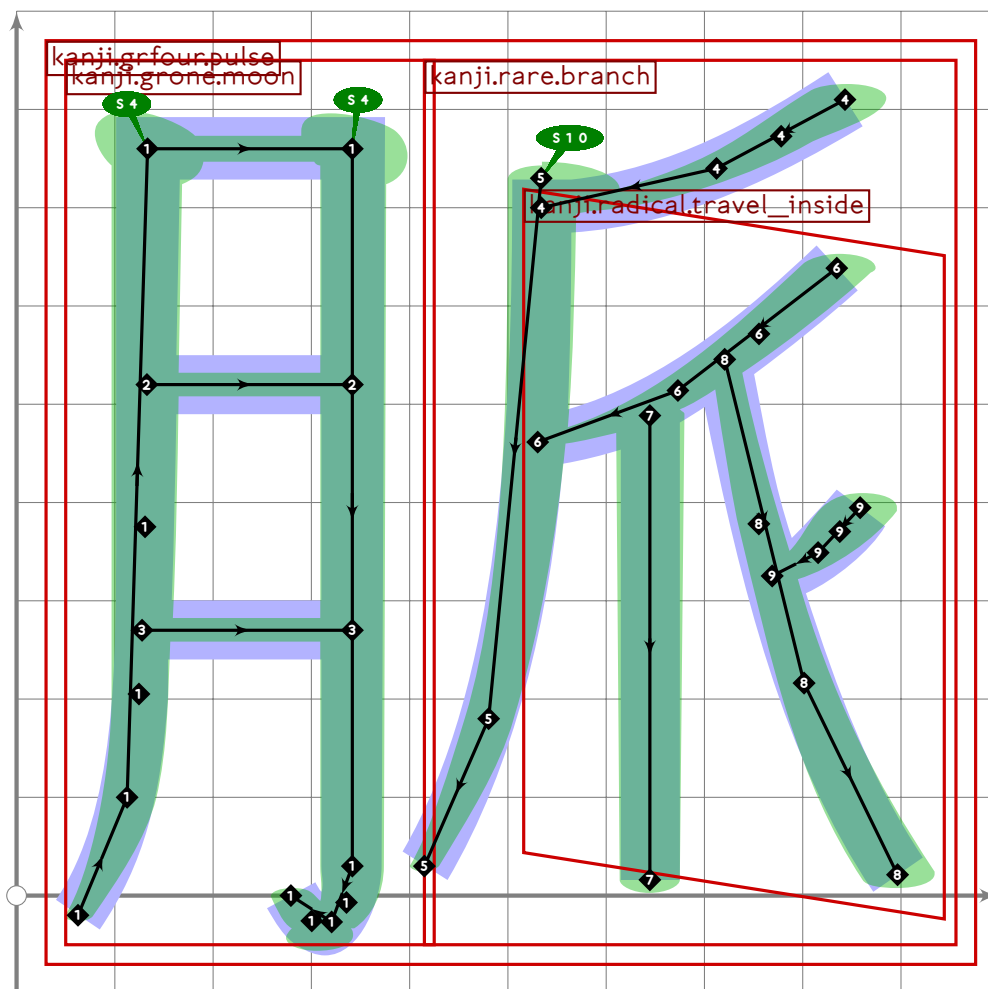

```



```

47
48 vardef kanji.grfour.guts =
49   push_pbox_toexpand("kanji.grfour.guts");
50   build_kanji.level(build_kanji.lr(420,30)
51     (kanji.grone.moon)
52     (kanji.rare.sun));
53   expand_pbox;
54 enddef;

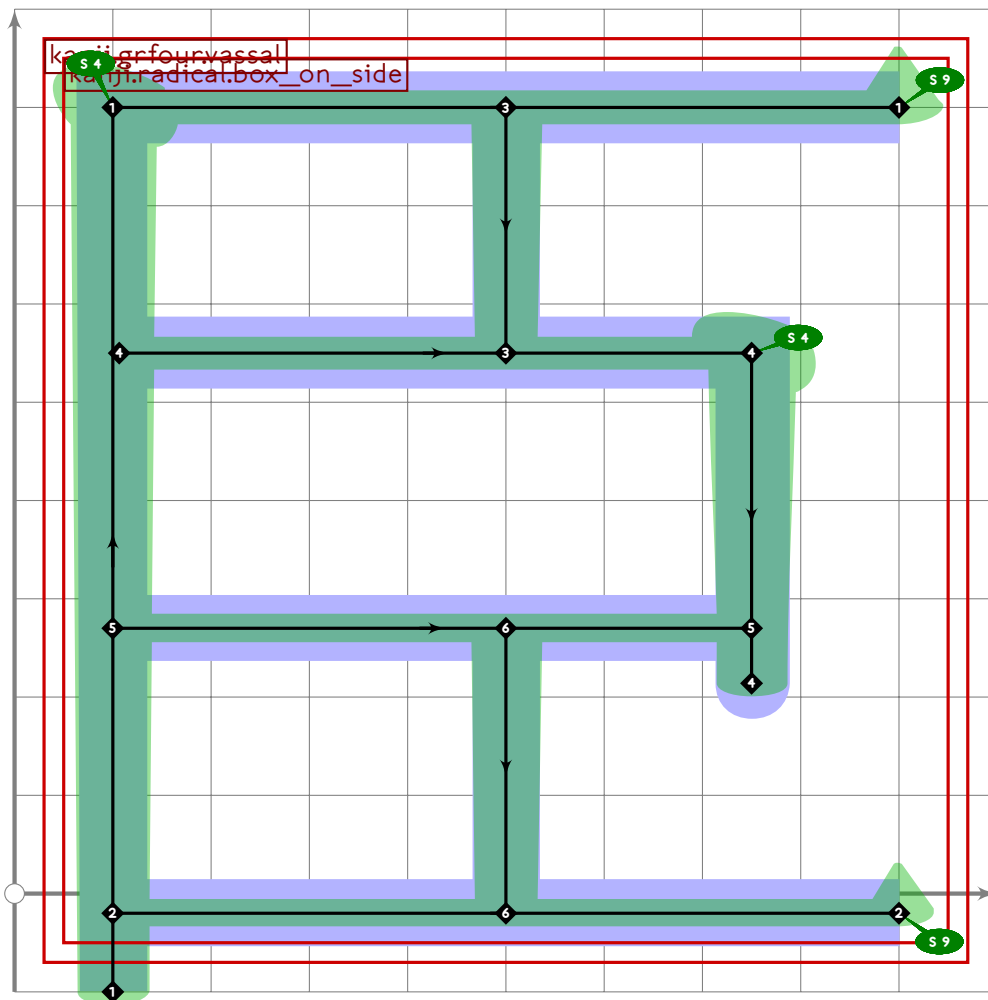
```



```

55
56 vardef kanji.grfour.pulse =
57   push_pbox_toexpand("kanji.grfour.pulse");
58   build_kanji.level(build_kanji.lr(420,10)
59     (kanji.grone.moon)
60     (kanji.rare.branch));
61   expand_pbox;
62 enddef;

```

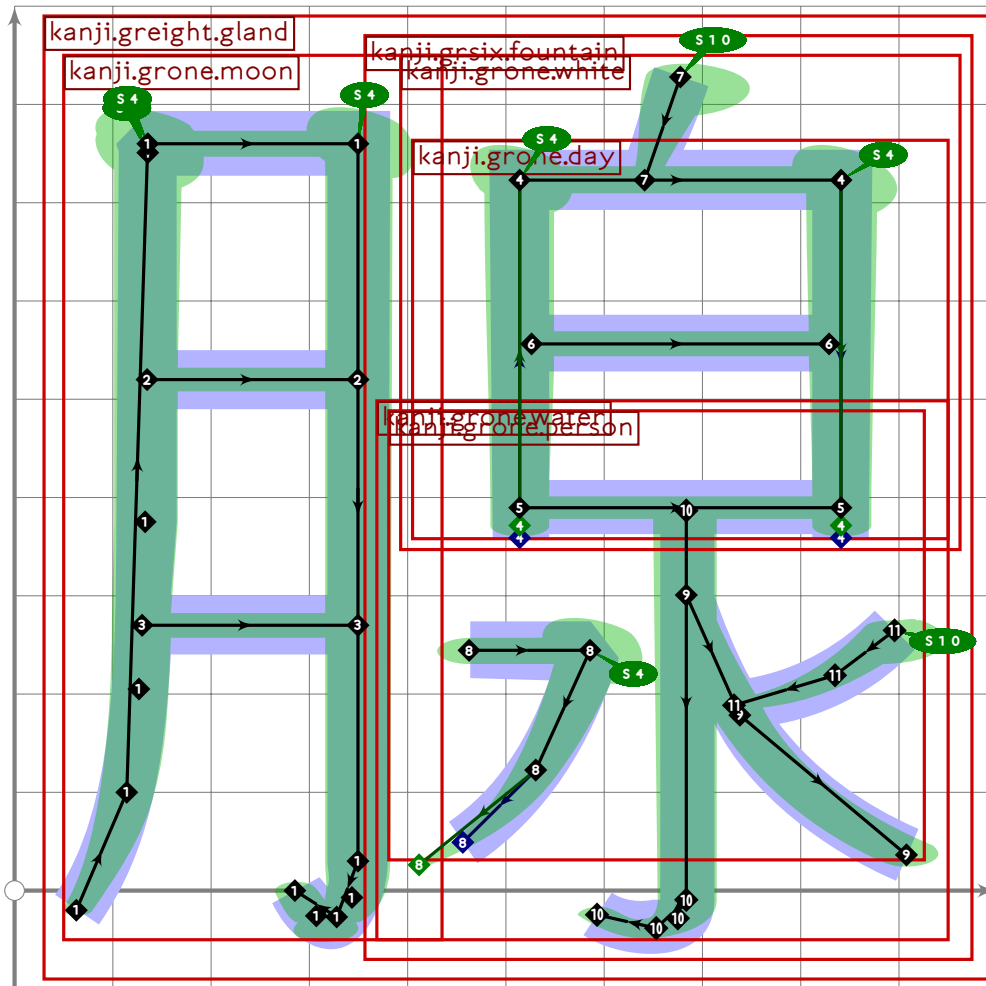


81

```

63
64 vardef kanji.grfourvassal =
65   push_pbox_toexpand("kanji.grfour.vassal");
66   kanji.radical.box_on_side;
67   push_stroke((500,800)–(500,550),(1.5,1.5)–(1.4,1.4));
68   build_kanji.box((100,550),(750,270));
69   replace_strokep(-1)(subpath (1.01,infinity) of oldp);
70   replace_strokeq(-1)(subpath (1,infinity) of oldq);
71   set_boserif(-1,2,whatever);
72   push_stroke((500,270)–(500,20),(1.5,1.5)–(1.4,1.4));
73   expand_pbox;
74 enddef;
75
76

```



```

77
78 vardef kanji.greight.gland =
79   push_pbox_toexpand("kanji.greight.gland");
80   build_kanji.lr(420,30)
81     (kanji.grone.moon)
82     (kanji.grsix.fountain);
83   expand_pbox;
84 enddef;
85
86
87
88 % myaku/suji "pulse"
89 beginsuglyph("uni8108";8);
90   kanji.grfour.pulse;
91   tsu_render;
92 endtsuglyph;
93
94 % chou/harawata "guts"
95 beginsuglyph("uni8178";120);
96   kanji.grfour.guts;
97   tsu_render;

```

[see page 2603]

[see page 2602]

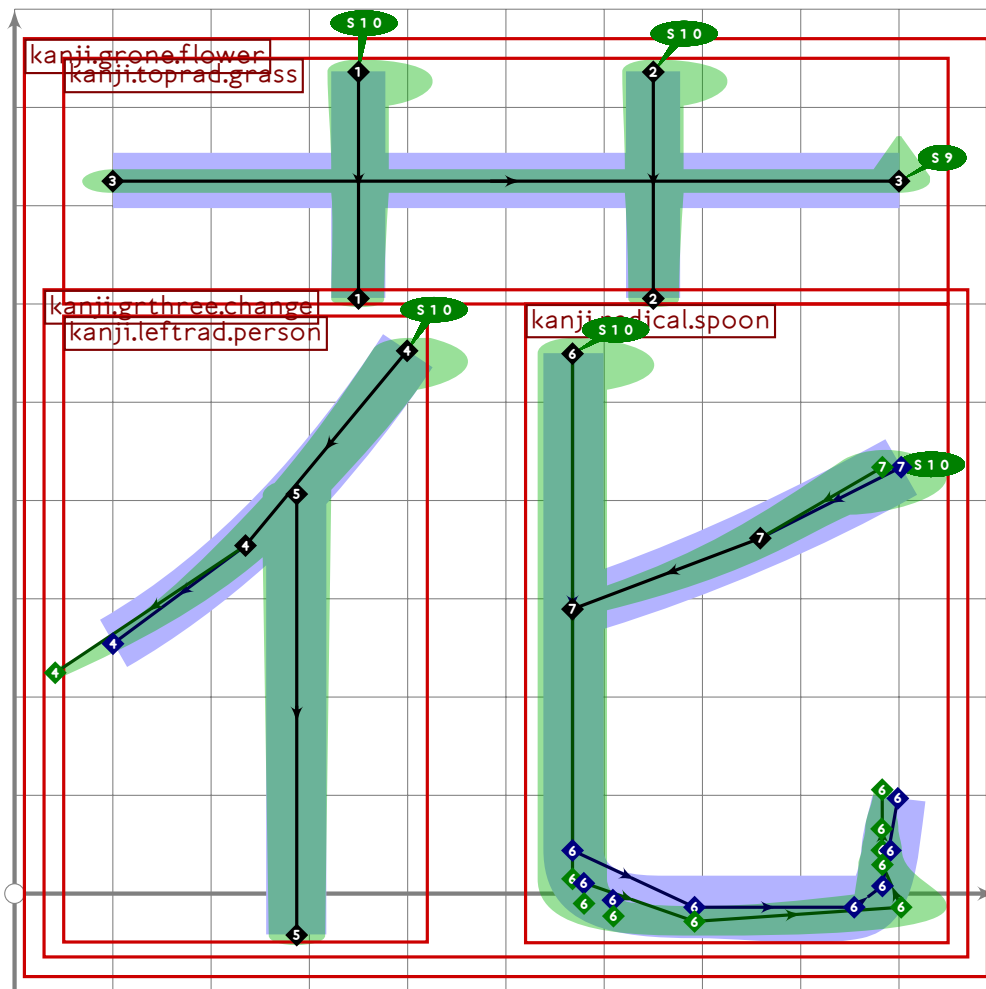
```

98 endtsuglyph;
99
100 % sen "gland"
101 begintsuglyph("uni817A",122); [see page 2605]
102   kanji.greight.gland;
103   tsu_render;
104 endtsuglyph;
105
106 % shin/omi "vassal"
107 begintsuglyph("uni81E3",227); [see page 2604]
108   kanji.grfour.vassal;
109   tsu_render;
110 endtsuglyph;
111
112 % ji as in jibun "self"
113 begintsuglyph("uni81EA",234); [see page 542]
114   kanji.grtwo.self;
115   tsu_render;
116 endtsuglyph;
117
118 % shi/ita "climax"
119 begintsuglyph("uni81F3",243); [see page 657]
120   kanji.grsix.climax;
121   tsu_render;
122 endtsuglyph;
123
124 _____
125
126 endfont;
127
128 _____

```

tsuku-82.mp

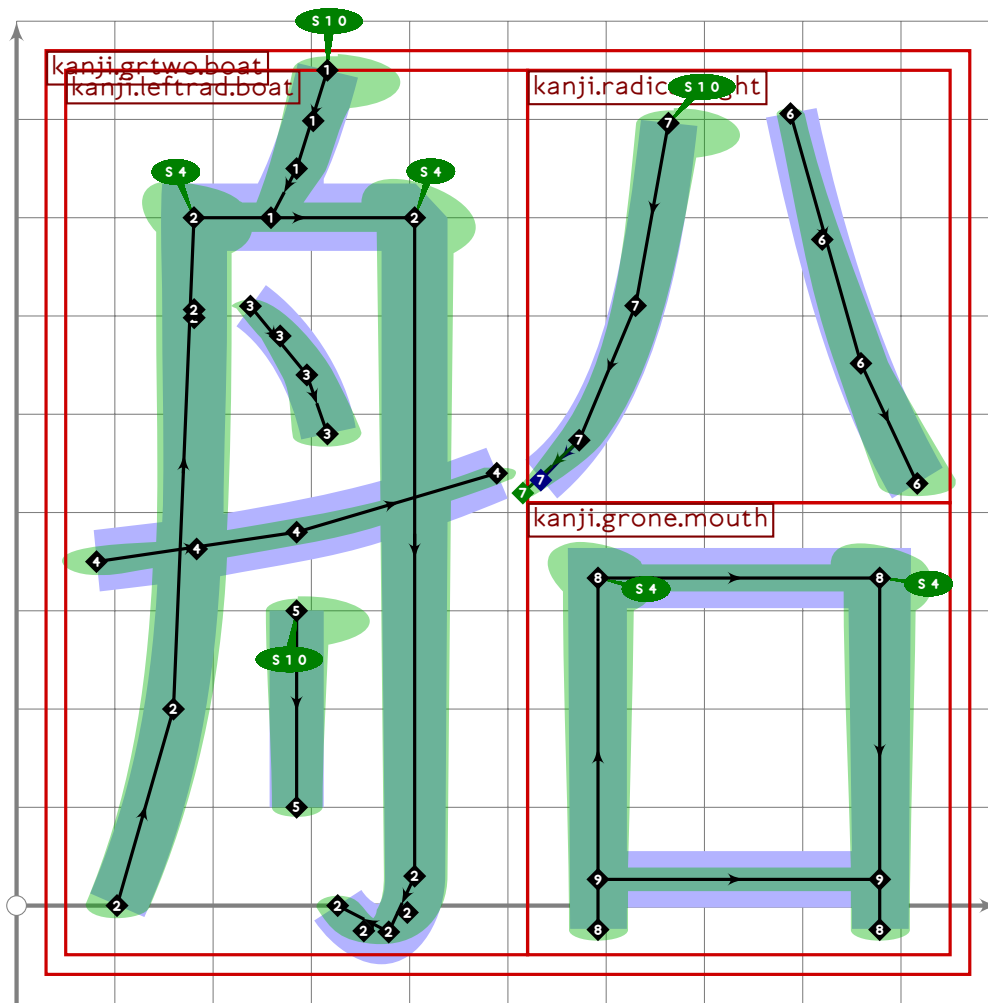
```
1 %
2 % Unicode page 82 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeeight.mp;
38 input gradefive.mp;
39 input gradefour.mp;
40 input gradenine.mp;
41 input 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.grone.flower =
54   push_pbox_toexpand("kanji.grone.flower");
55   build_kanji.tb(600,0)
56     (kanji.toprad.grass)
57     (kanji.grthree.change);
58   expand_pbox;
59 enddef;
60
61

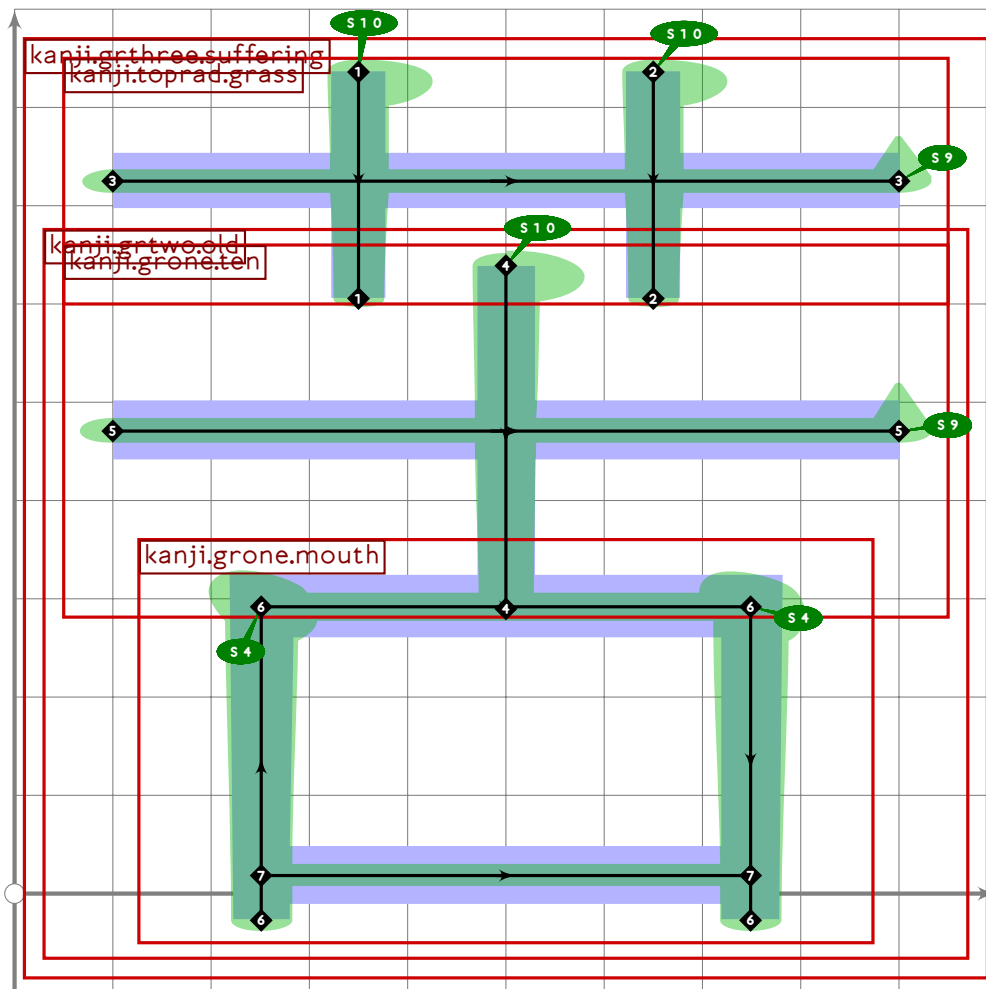
```



```

62
63 vardef kanji.grtwo.boat =
64   push_pbox__toexpand("kanji.grtwo.boat");
65   build_kanji.lr(520,0)
66     (kanji.leftrad.boat)
67     (build_kanji.level(build_kanji.tb(410,0)
68       (kanji.radical.eight)
69       (kanji.grone.mouth)));
70   expand_pbox;
71 enddef;
72
73

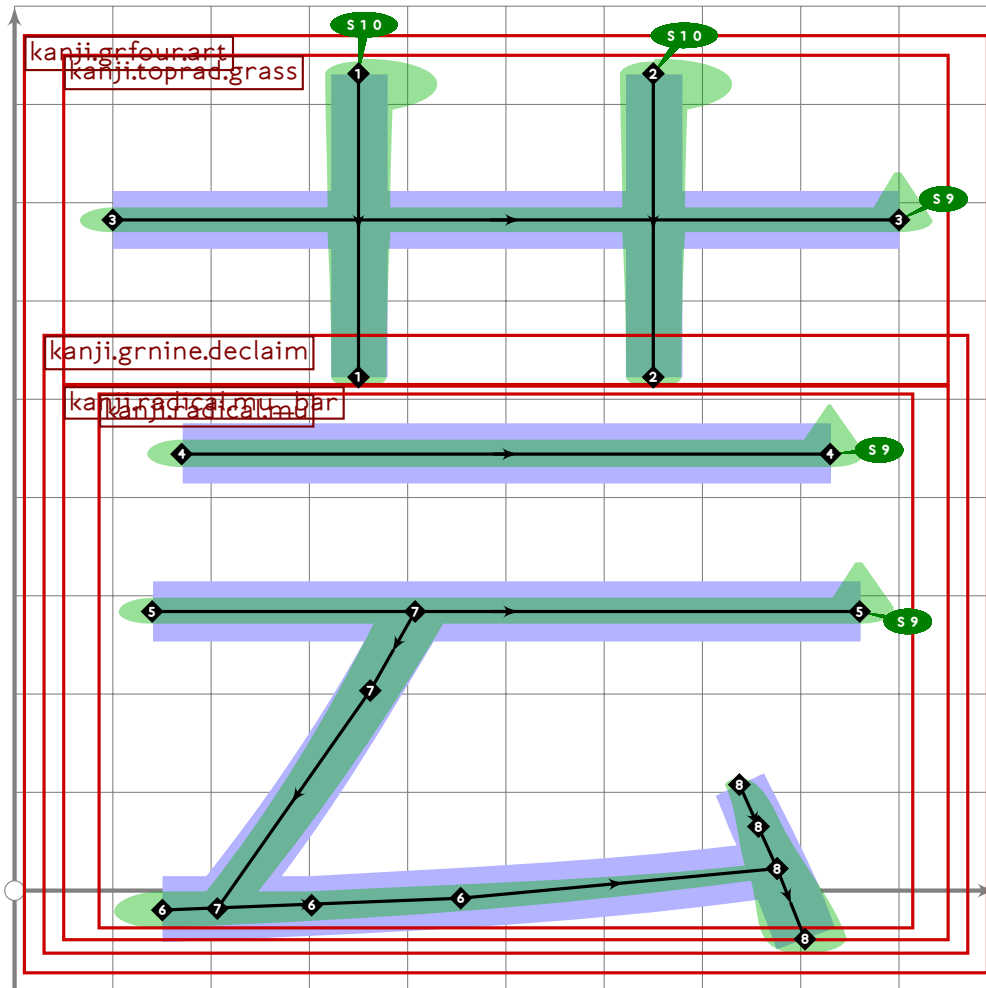
```



```

74
75 vardef kanji.grthree.suffering =
76   push_pbox_toexpand("kanji.grthree.suffering");
77   build_kanji.tb(630,60)
78     (kanji.toprad.grass)
79     (kanji.grtwo.old);
80   expand_pbox;
81 enddef;
82
83

```

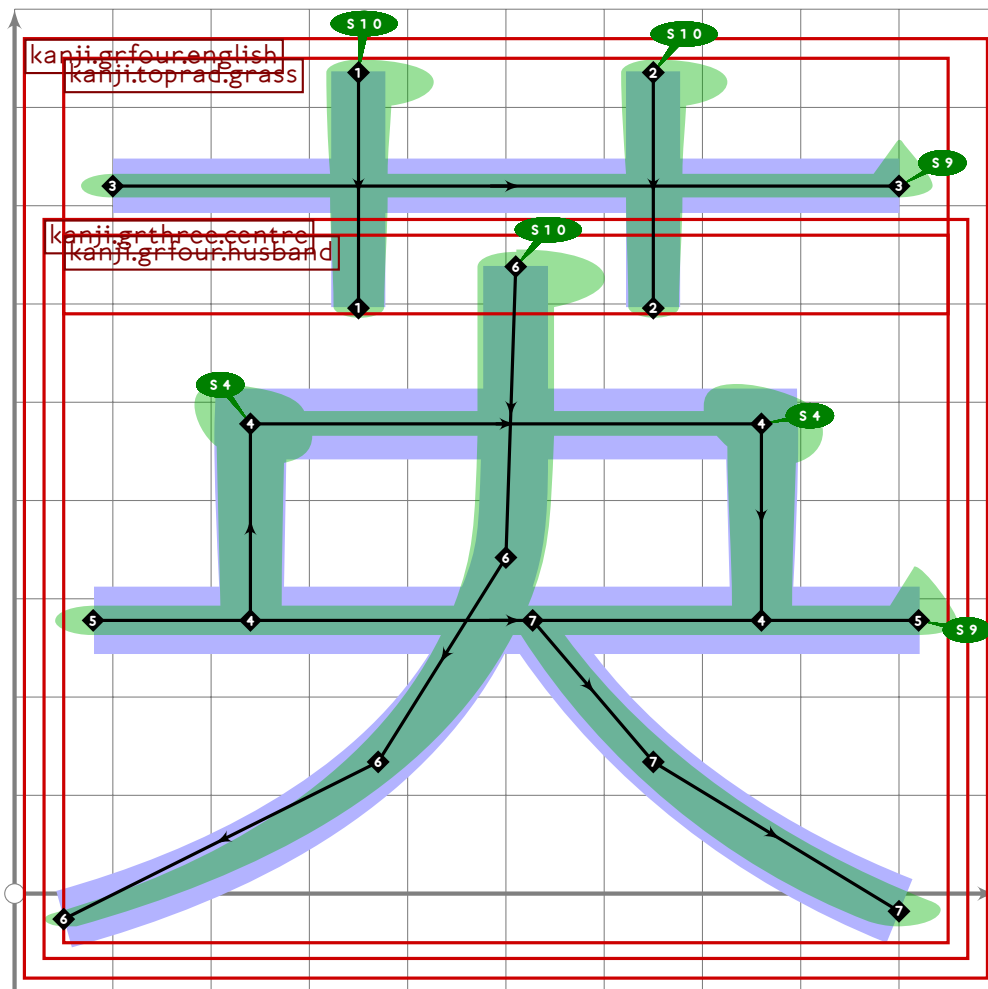


```

84
85 vardef kanji.grfour.art =
86   push_pbox_toexpand("kanji.grfour.art");
87   build_kanji.tb(540,50)
88     (kanji.toprad.grass)
89     (kanji.grnine.declaim);
90   expand_pbox;
91 enddef;

```

U+82F1
tsuku.uni82F1

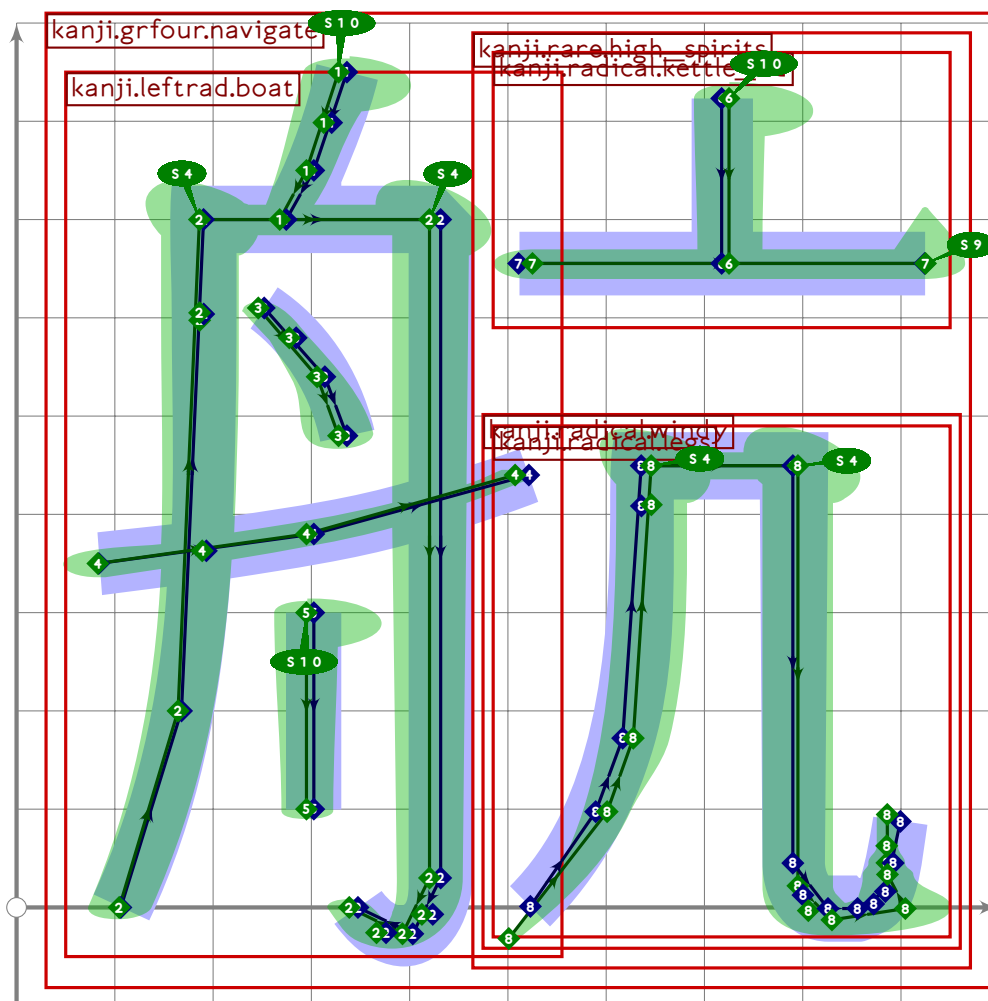


82

```

92
93 vardef kanji.grfour.english =
94   push_pbox_toexpand("kanji.grfour.english");
95   build_kanji.tb(630,80)
96     (kanji.toprad.grass)
97     (kanji.grthree.centre);
98   expand_pbox;
99 enddef;

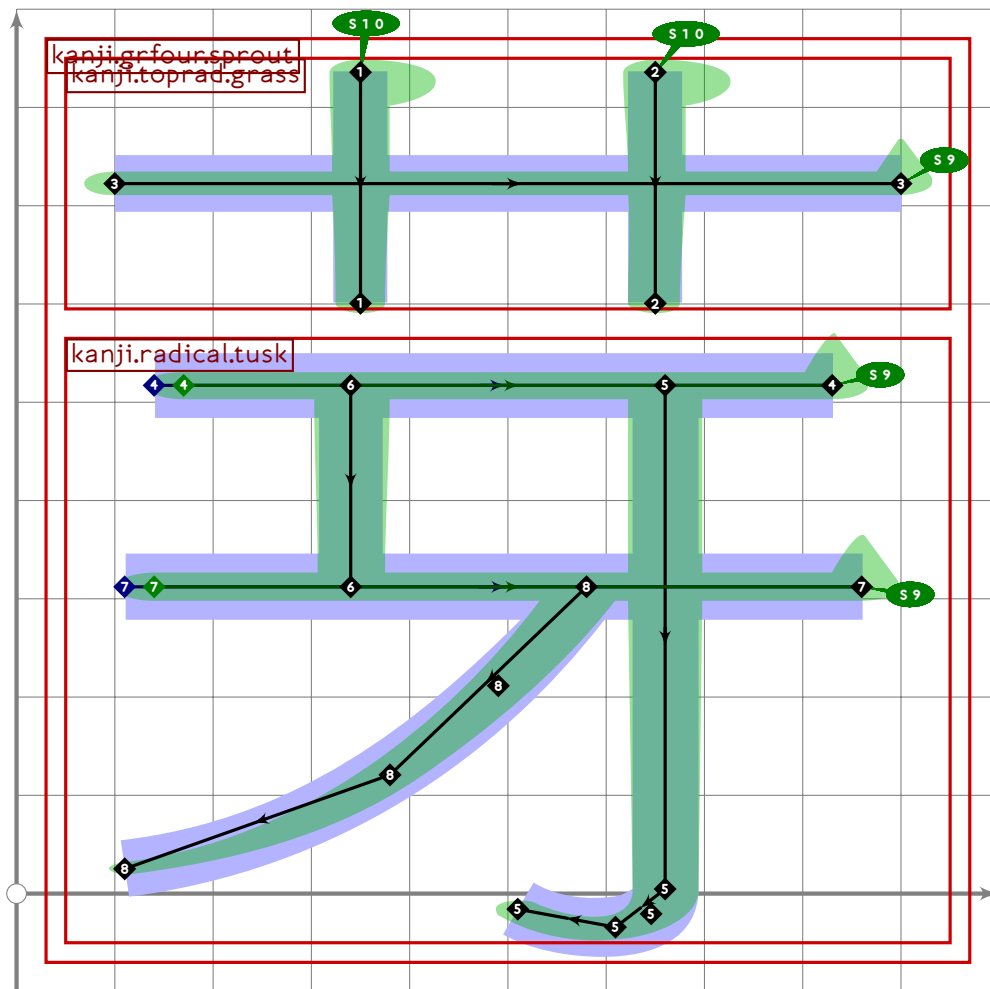
```



```

100
101 vardef kanji.grfour.navigate =
102   push_pbox_toexpand("kanji.grfour.navigate");
103   build_kanji.lr(520,70-30*mincho)
104     (kanji.leftrad.boat)
105     (build_kanji.sscale(shifted (0,20))(kanji.rare.high_spirits));
106   expand_pbox;
107 enddef;

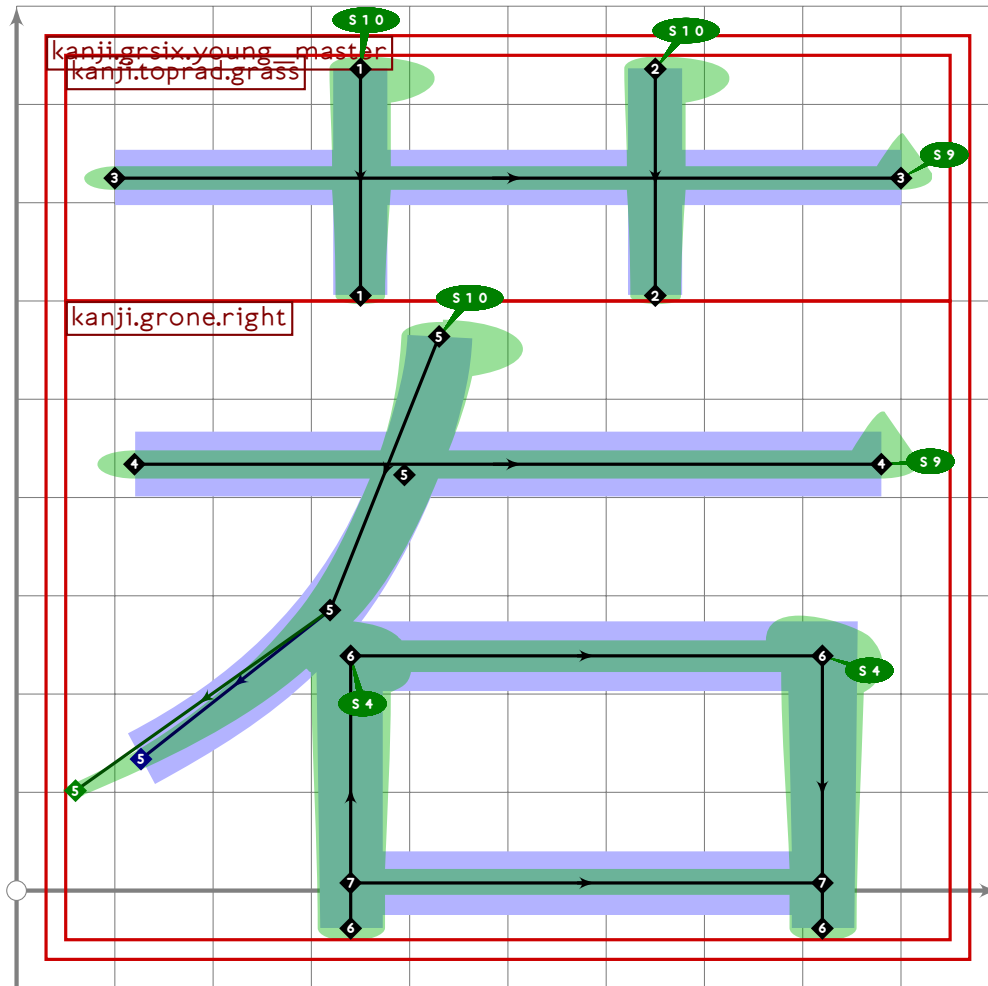
```



```

108
109 vardef kanji.grfour.sprout =
110   push_pbox_toexpand("kanji.grfour.sprout");
111   build_kanji.tb(580,-30)
112     (kanji.toprad.grass)
113     (kanji.radical.tusk);
114   expand_pbox;
115 enddef;
116
117

```



```

118
119 vardef kanji.grsix.young_master =
120   push_pbox_toexpand("kanji.grsix.young_master");
121   build_kanji.tb(600,0)
122     (kanji.toprad.grass)
123     (kanji.grone.right);
124   expand_pbox;
125 enddef;
126
127
128
129 % zetsu/shita "tongue"
130 beginsuglyph("uni820C",12);
131   kanji.grfive.tongue;
132   tsu_render;
133 endtsuglyph;
134
135 % shuu/fune "boat"
136 beginsuglyph("uni821F",31);
137   kanji.greight.boat;
138   tsu_render;

```

[see page 654]

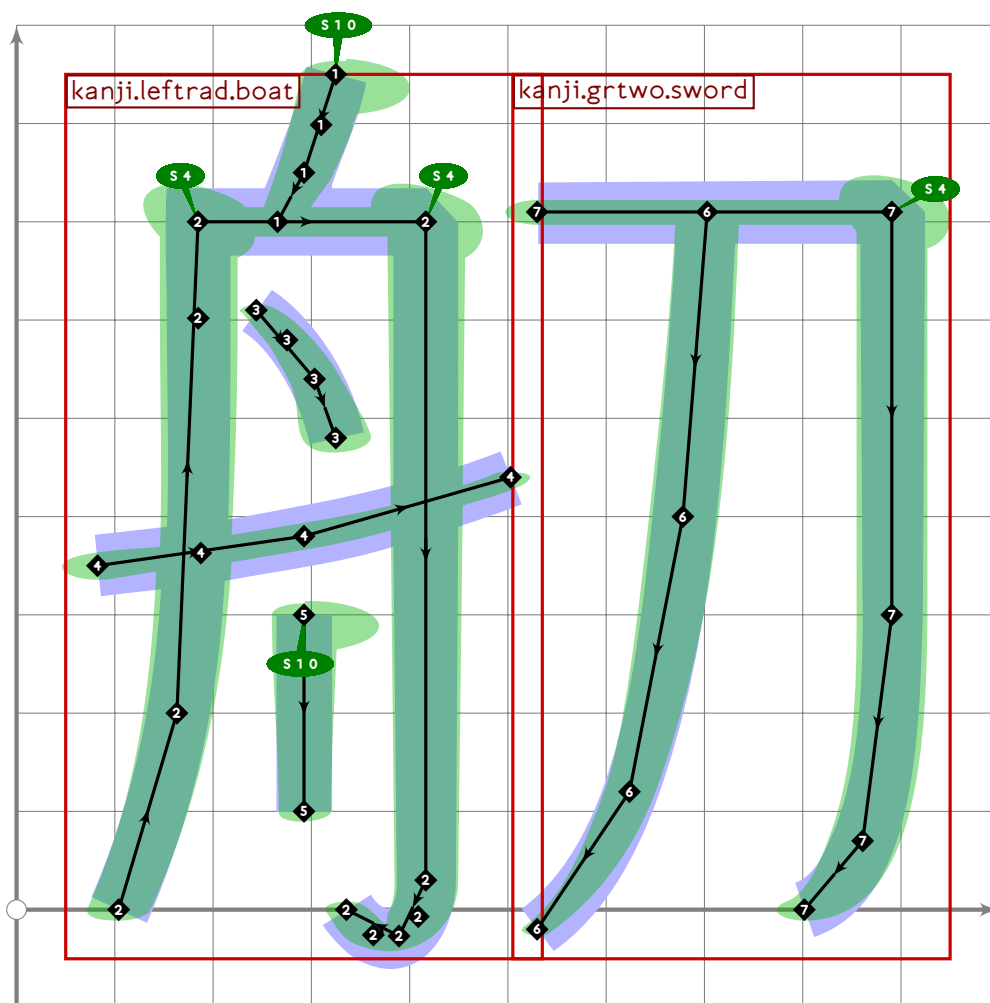
[see page 738]

U+8220

tsuku.uni8220

```
139 endtsuglyph;
```

140

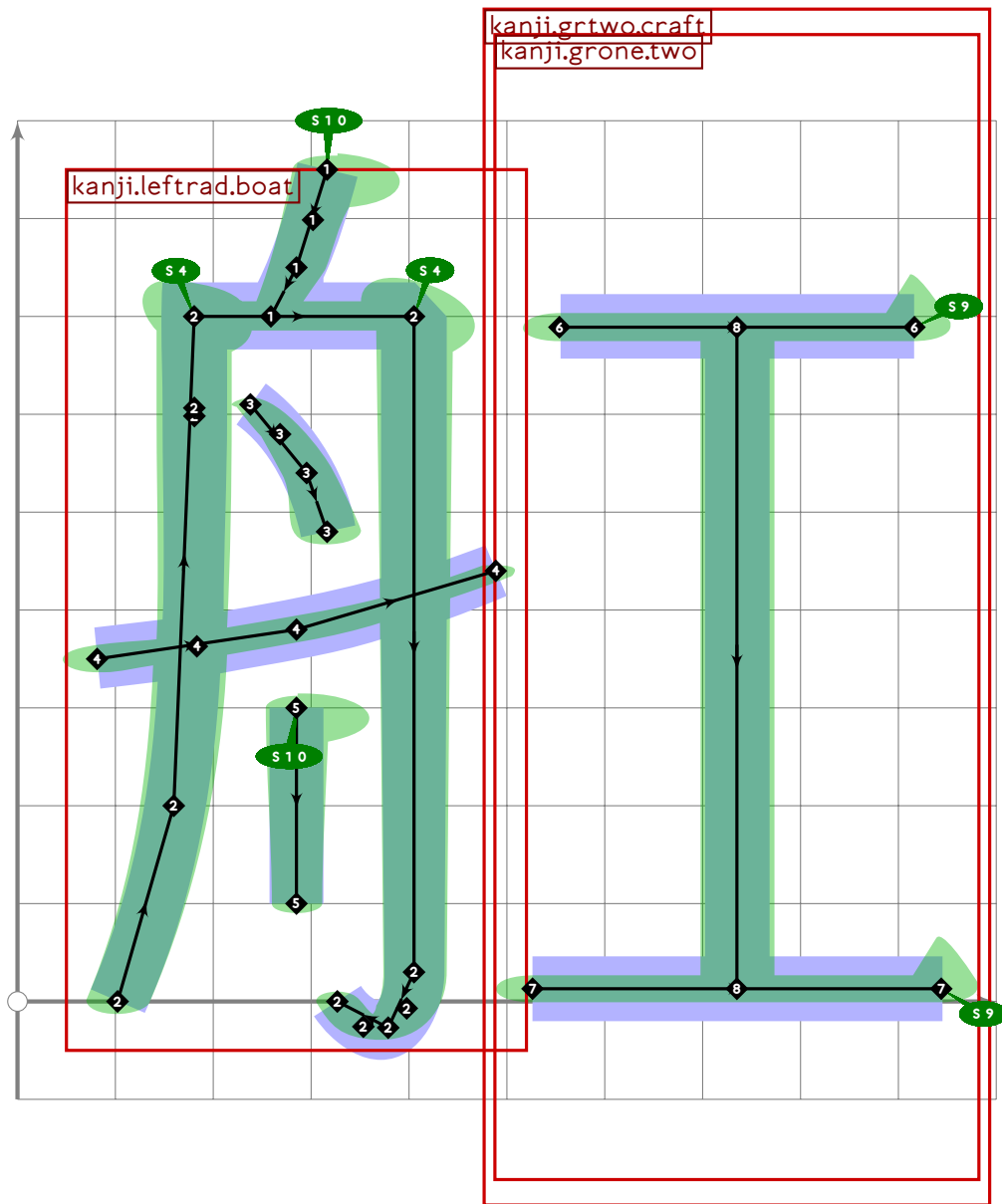


82

```

141 % extra
142 begintsuglyph("uni8220",32);
143   build_kanji.lr(520,30)
144     (kanji.leftrad.boat)
145     (kanji.grtwo.sword);
146   tsu_render;
147 endtsuglyph;
148

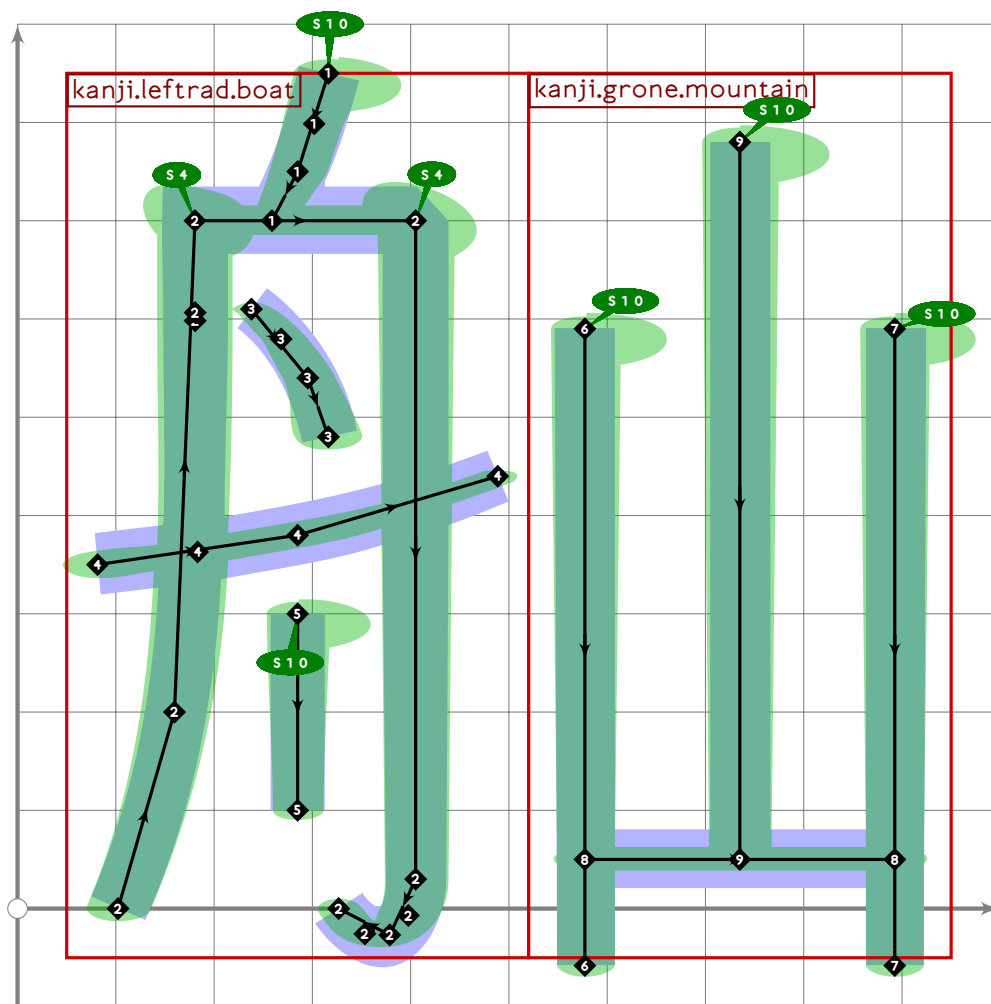
```



```

149 % extra: boat
150 begintsuglyph("uni8221",33);
151   build_kanji.lr(520,0)
152     (kanji.leftrad.boat)
153     (build_kanji.sscale(xyscaled (1.15,1.3))(kanji.grtwo.craft));
154   tsu_render;
155 endtsuglyph;
156

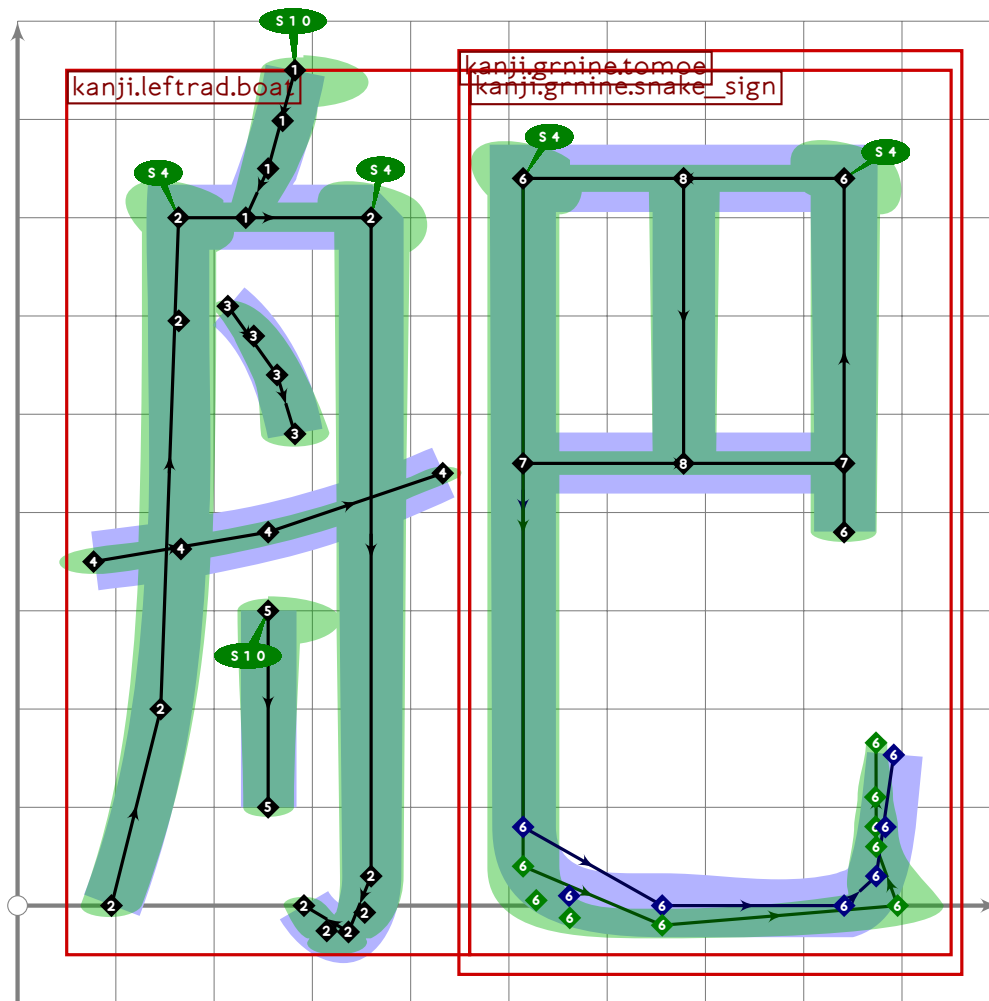
```



```

157 % extra: "English" meaning is "sampan"
158 begintsuglyph("uni8222";34);
159   build_kanji.lr(520,0)
160     (kanji.leftrad.boat)
161     (kanji.grone.mountain);
162   tsu_render;
163 endtsuglyph;
164

```

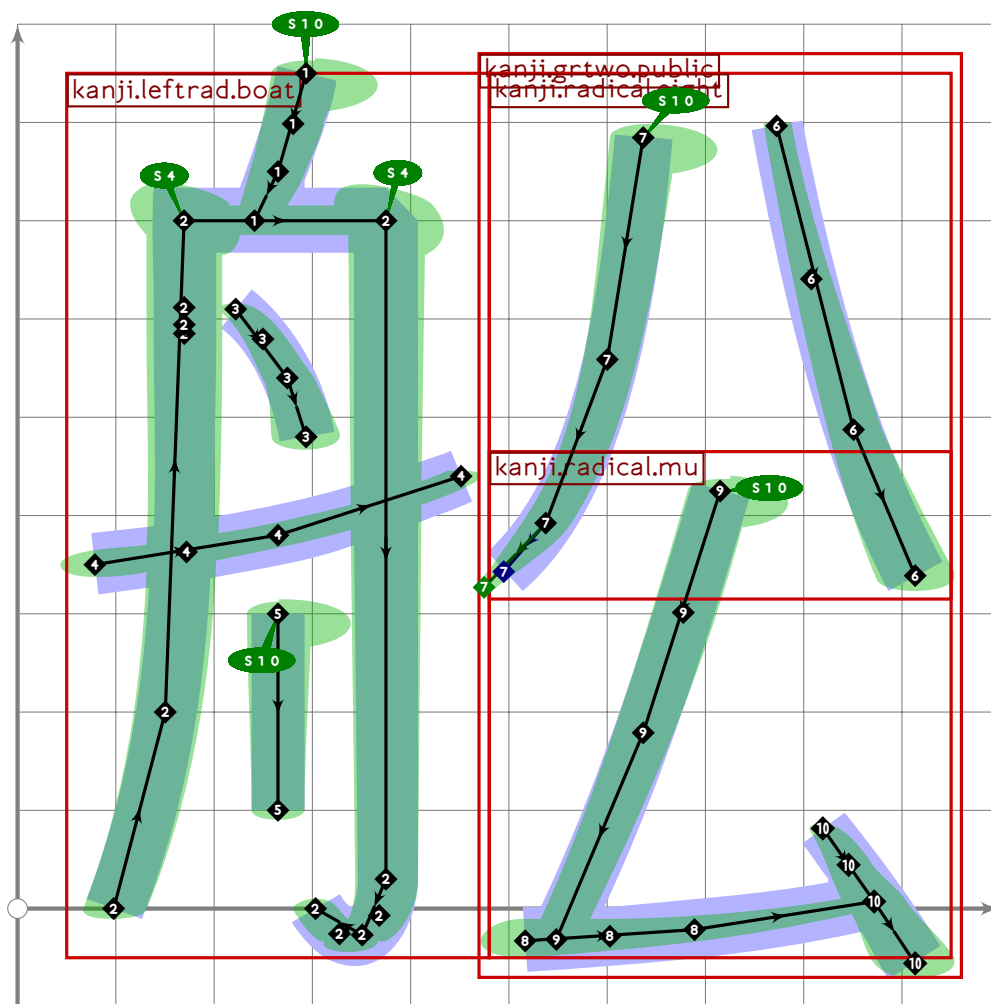


```

165 % extra
166 begintsuglyph("uni8225";37);
167   build_kanji.lr(460,0)
168     (kanji.leftrad.boat)
169     (kanji.grnine.tomoe);
170   tsu_render;
171 endtsuglyph;
172

```

U+8229
tsuku.uni8229

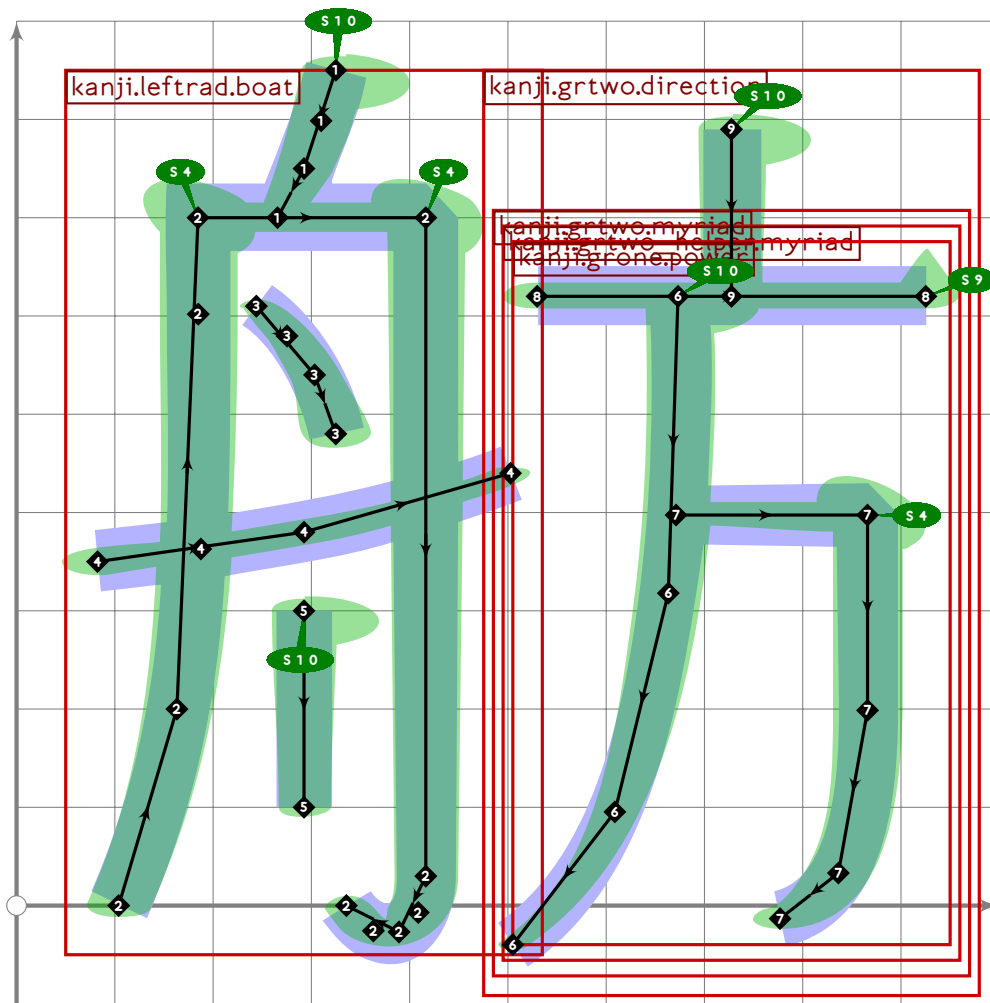


```

173 % extra: boat
174 begintsuglyph("uni8229";41);
175   build_kanji.lr(480,0)
176     (kanji.leftrad.boat)
177     (kanji.grtwo.public);
178   tsu_render;
179 endtsuglyph;
180
181 % kou/wataru "navigate"
182 begintsuglyph("uni822A";42);
183   kanji.grfour.navigate;
184   tsu_render;
185 endtsuglyph;
186

```

[see page 2613]



```

187 % extra: moor/berth
188 begintsuglyph("uni822B";43);
189   build_kanji.lr(520,30)
190     (kanji.leftrad.boat)
191     (kanji.grtwo.direction);
192   tsu_render;
193 endtsuglyph;
194
195 % sen/fune "boat"
196 begintsuglyph("uni8239";57);
197   kanji.grtwo.boat;
198   tsu_render;
199 endtsuglyph;
200
201 % kon/ushitora "northeast"
202 begintsuglyph("uni826E";110);
203   kanji.radical.northeast;
204   tsu_render;
205 endtsuglyph;
206
207 % ryou/yo "good"

```

[see page 2609]

[see page 703]

U+8279
tsuku.uni8279

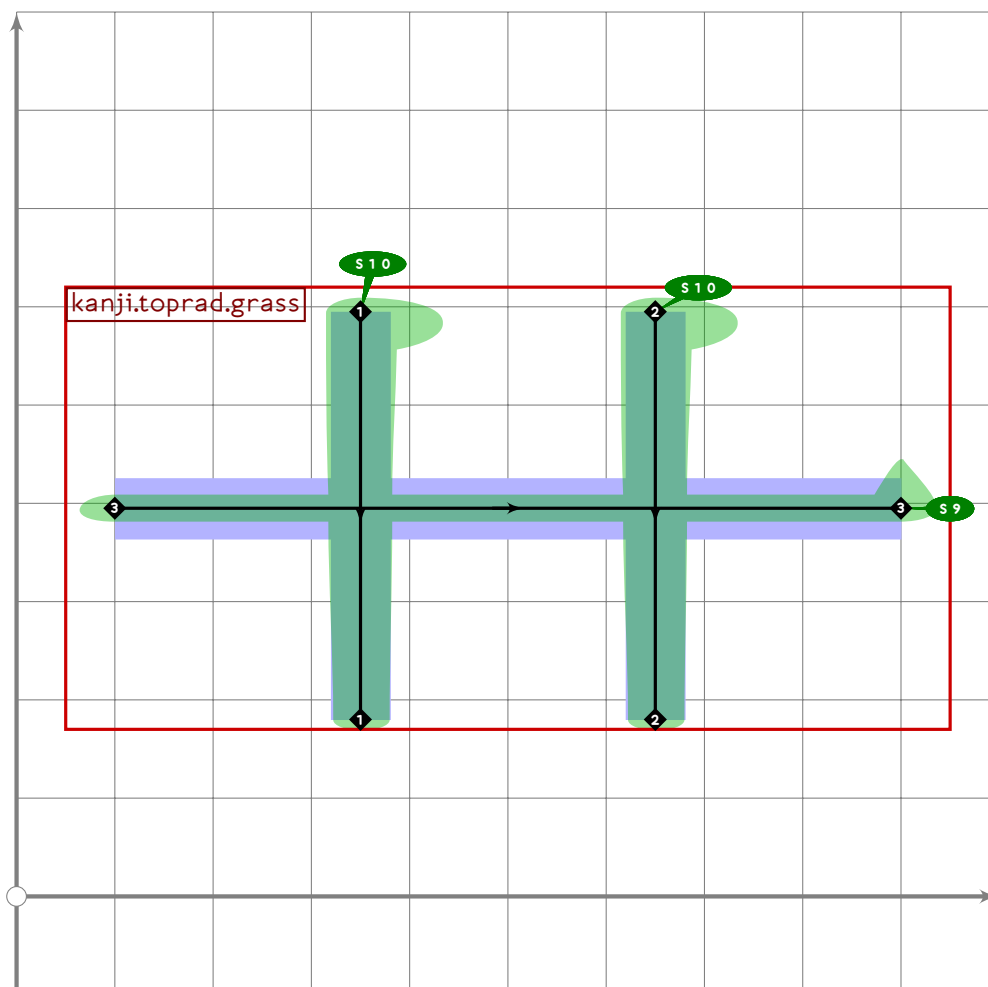
```
208 begintsuglyph("uni826F";111);  
209 kanji.grfour.good;  
210 tsu_render;  
211 endtsuglyph;
```

[see page 621]

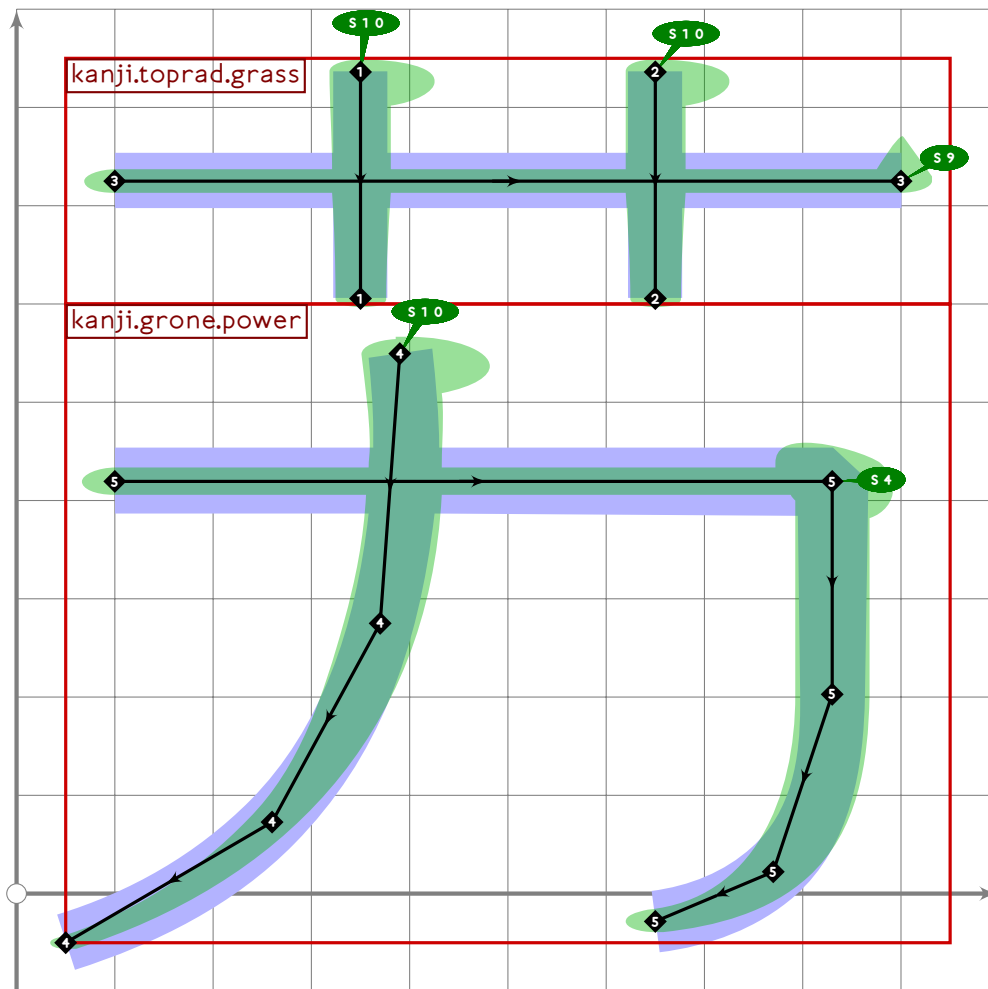
```
212  
213 % shoku/iro "colour"  
214 begintsuglyph("uni8272";114);  
215 kanji.grtwo.colour;  
216 tsu_render;  
217 endtsuglyph;
```

[see page 490]

218



```
219 % extra "naked grass radical"  
220 begintsuglyph("uni8279";121);  
221 build_kanji.sscale(yscaled 0.5)(kanji.toprad.grass);  
222 tsu_render;  
223 endtsuglyph;  
224
```

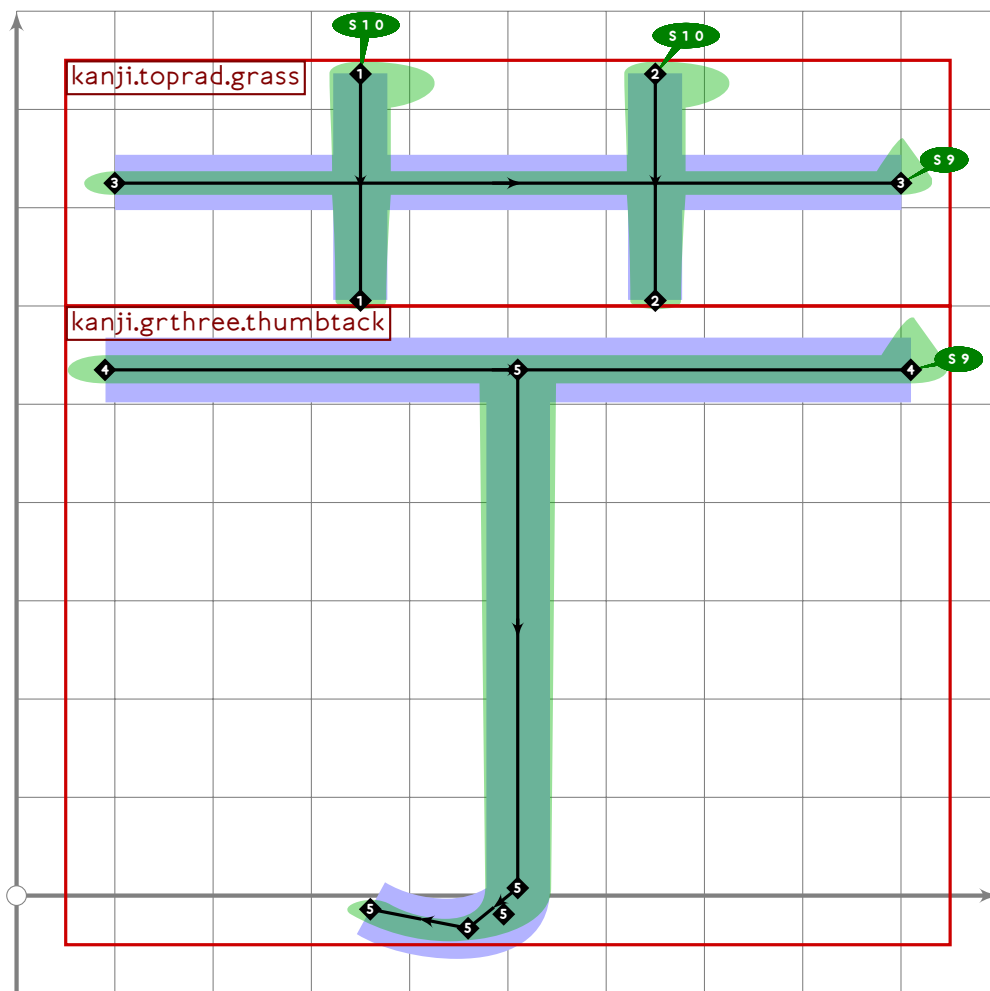


```

225 % extra
226 begintsuglyph("uni827B";123);
227   build_kanji.tb(600,0)
228     (kanji.toprad.grass)
229     (kanji.grone.power);
230   tsu_render;
231 endtsuglyph;
232

```

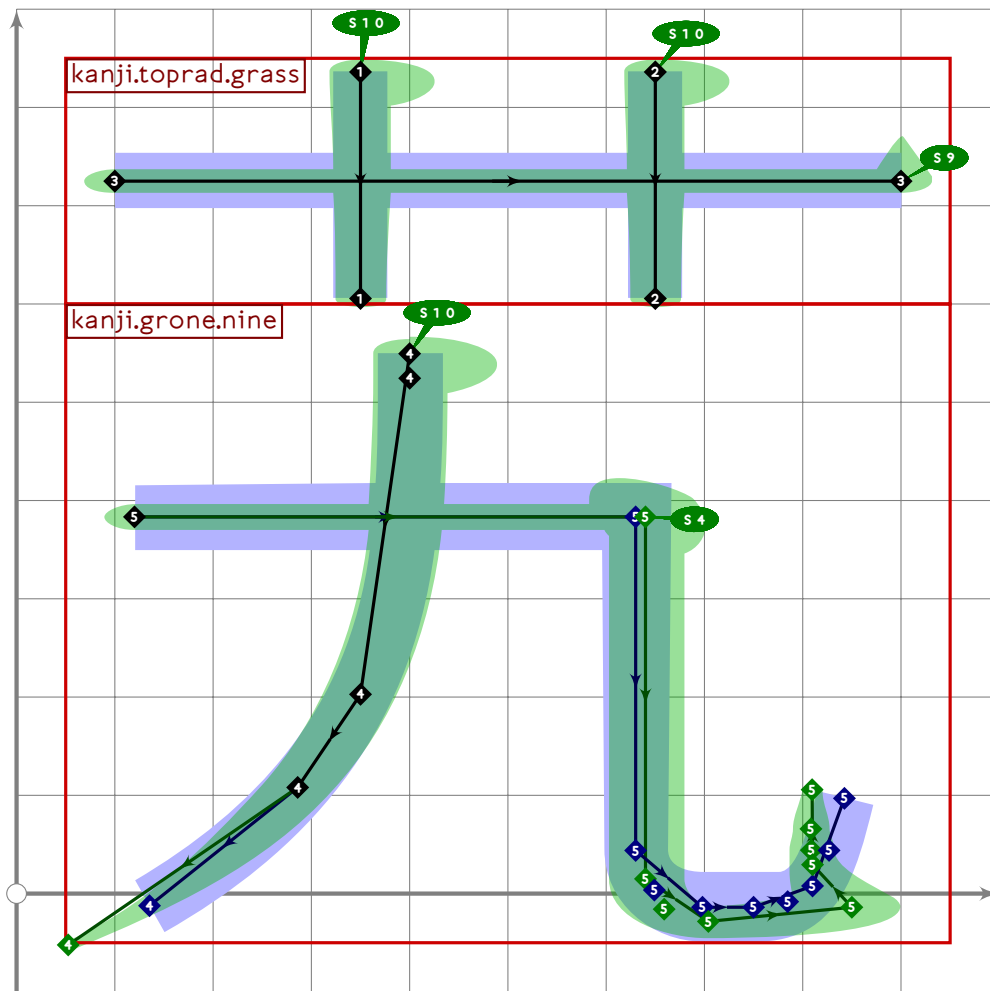
U+827C
tsuku.uni827C



```

233 % extra
234 begintsuglyph("uni827C";124);
235   build_kanji.tb(600,0)
236     (kanji.toprad.grass)
237     (kanji.grthree.thumbtack);
238   tsu_render;
239 endtsuglyph;
240

```

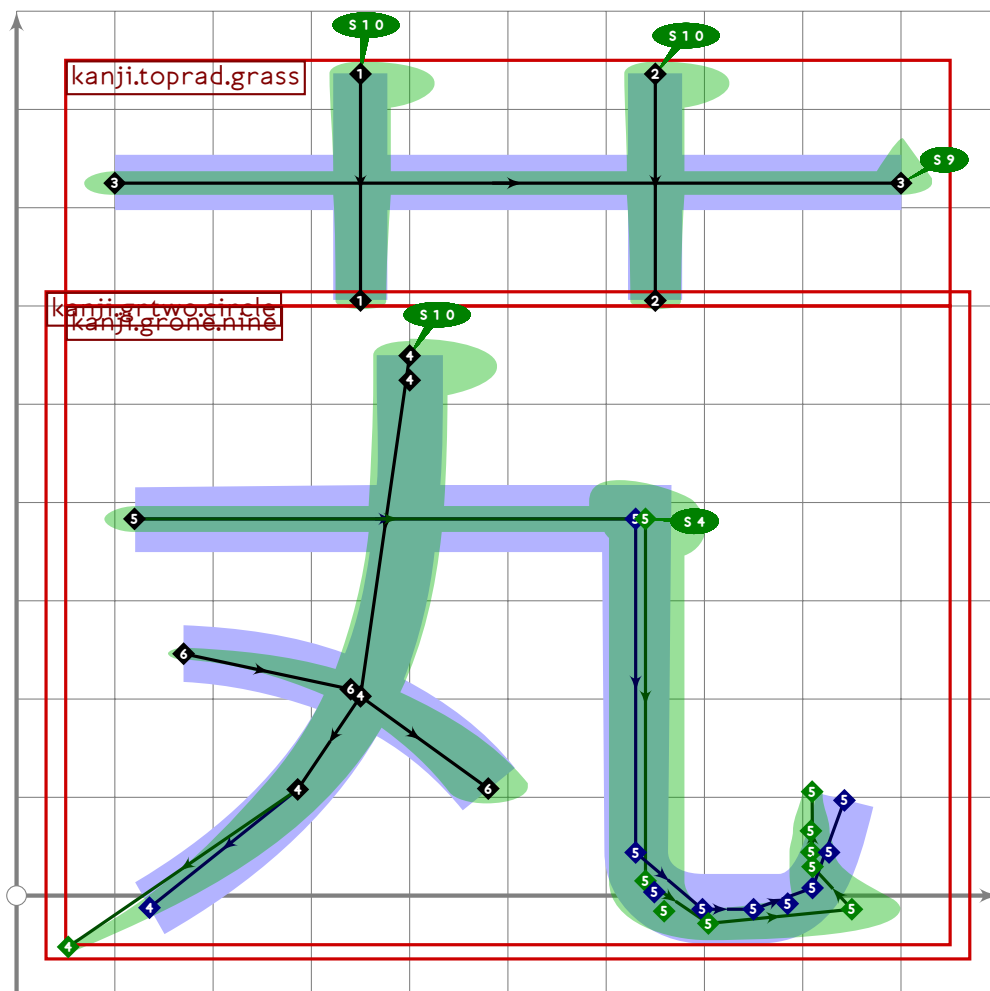


```

241 % extra
242 begintsuglyph("uni827D";125);
243   build_kanji.tb(600,0)
244     (kanji.toprad.grass)
245     (kanji.grone.nine);
246   tsu_render;
247 endtsuglyph;
248

```

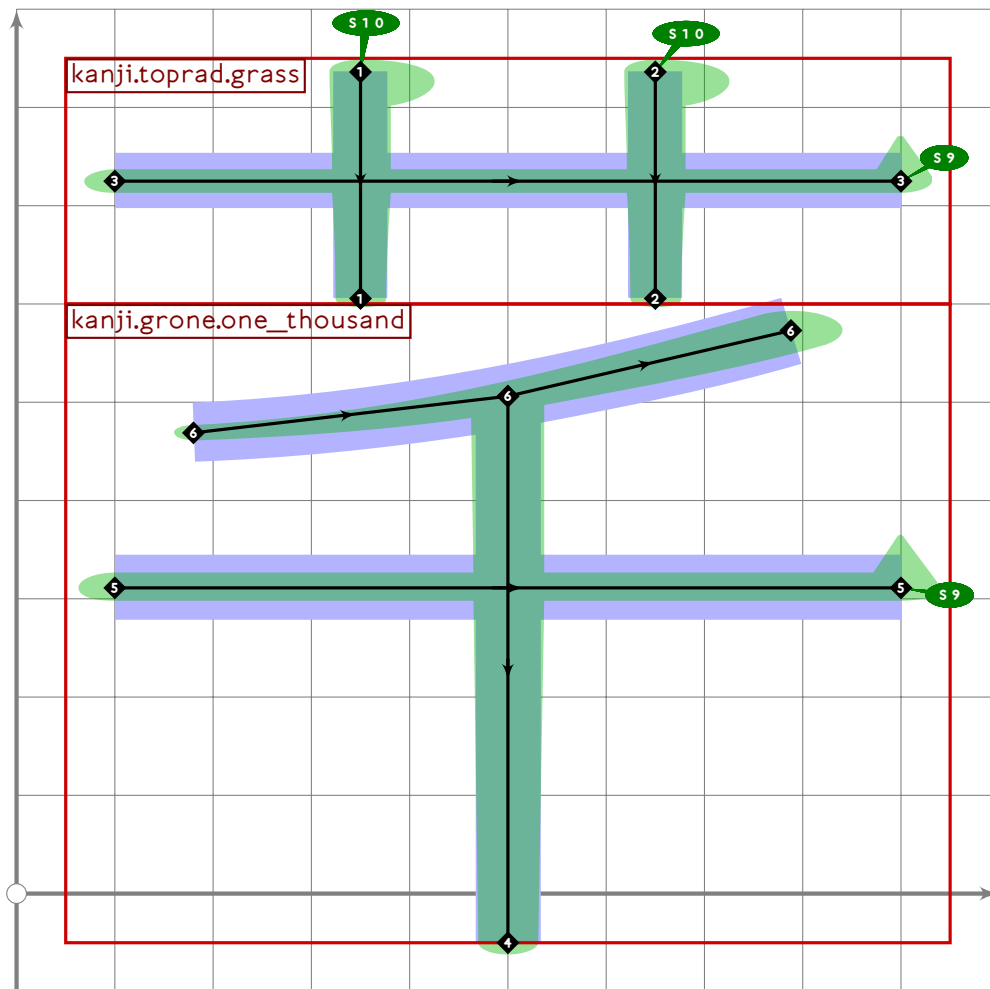
U+8284
tsuku.uni8284



```

249 % extra
250 begintsuglyph("uni8284",132);
251   build_kanji.tb(600,0)
252     (kanji.toprad.grass)
253     (kanji.grtwo.circle);
254   tsu_render;
255 endtsuglyph;
256

```

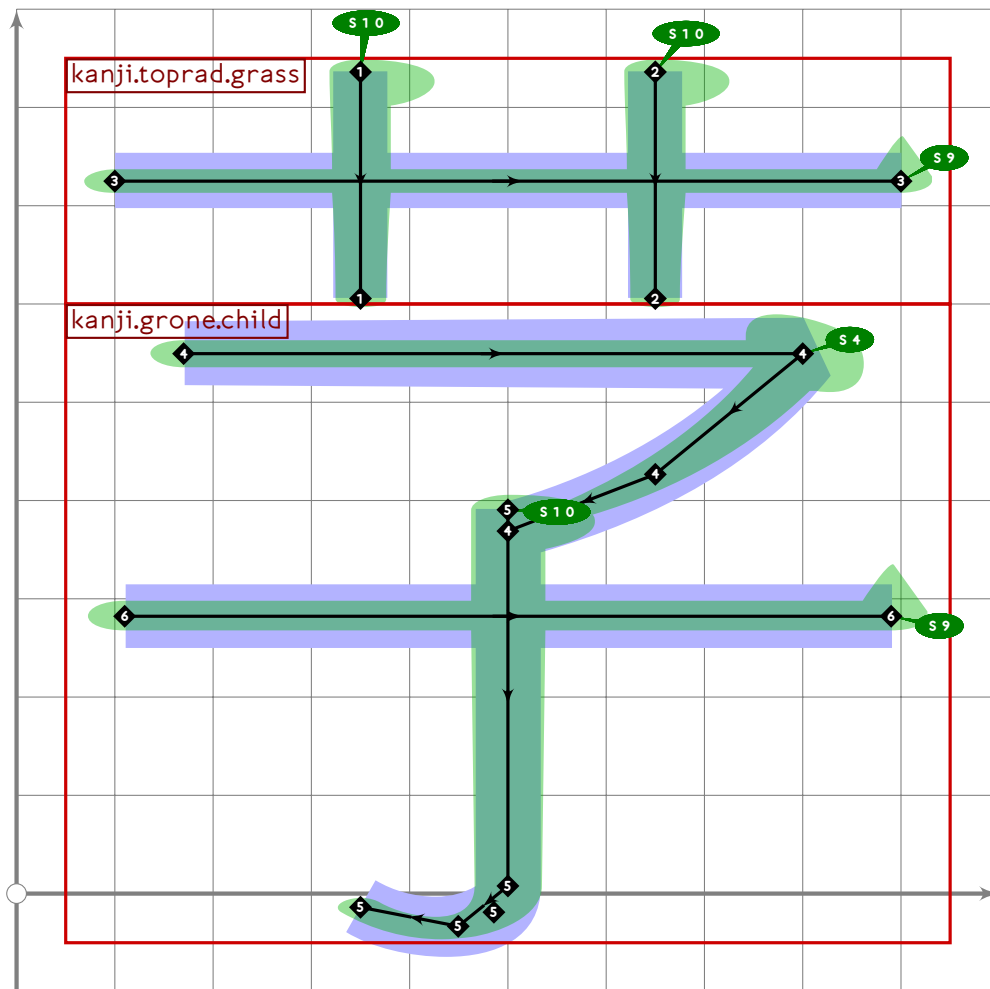


```

257 % extra
258 begintsuglyph("uni828A",138);
259   build_kanji.tb(600,0)
260     (kanji.toprad.grass)
261     (kanji.grone.one_thousand);
262   tsu_render;
263 endtsuglyph;
264

```

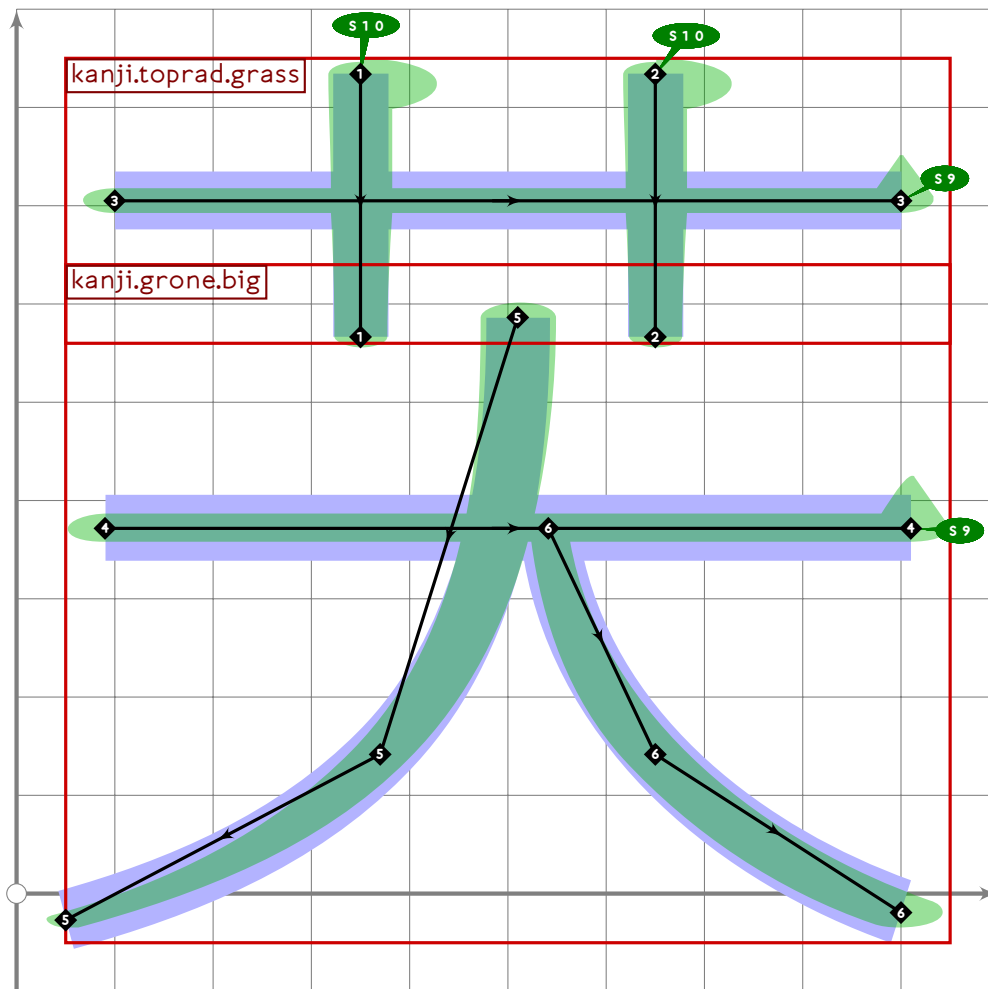
U+8293
tsuku.uni8293



```

265 % extra
266 begintsuglyph("uni8293",147);
267   build_kanji.tb(600,0)
268     (kanji.toprad.grass)
269     (kanji.grone.child);
270   tsu_render;
271 endtsuglyph;
272

```

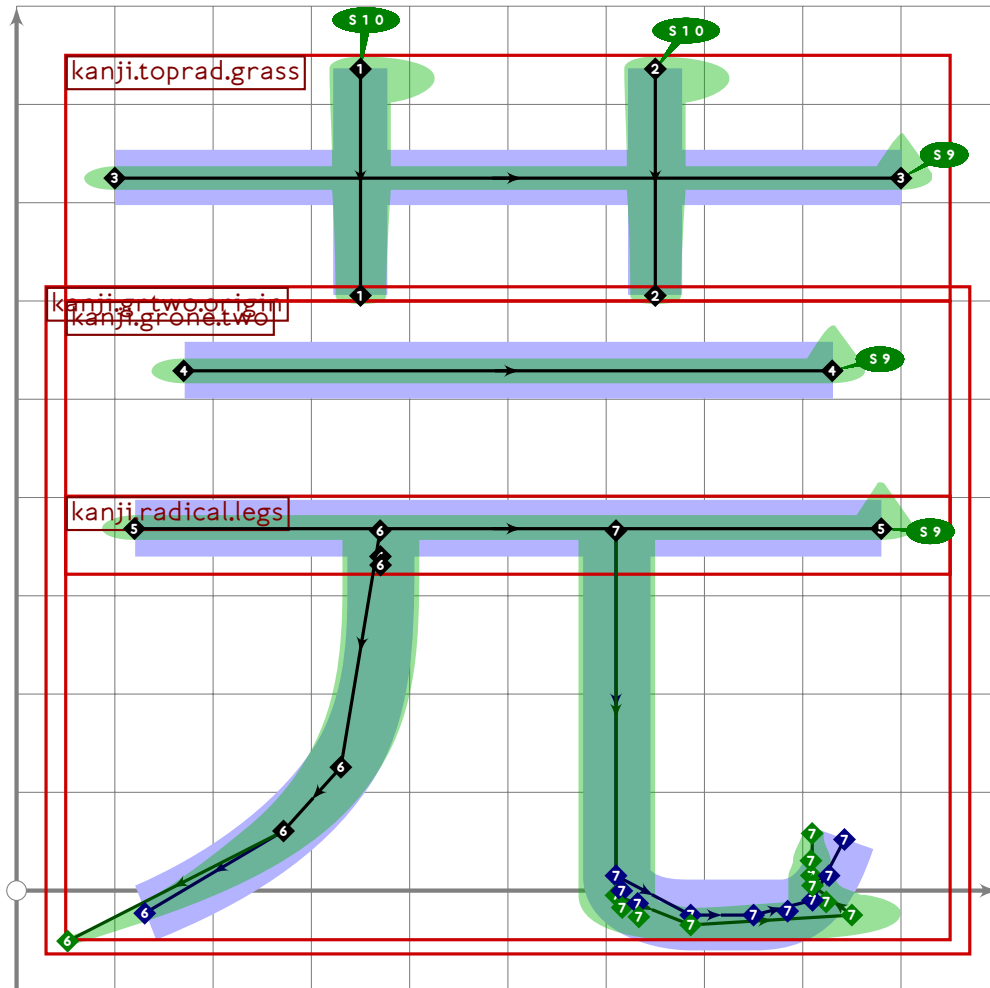


```

273 % extra
274 begintsuglyph("uni8296",150);
275   build_kanji.tb(600,80)
276     (kanji.toprad.grass)
277     (kanji.grone.big);
278   tsu_render;
279 endtsuglyph;
280

```

U+82AB
tsuku.uni82AB



```

281 % extra
282 begintsuglyph("uni82AB",171);
283   build_kanji.tb(600,0)
284     (kanji.toprad.grass)
285     (kanji.grtwo.origin);
286   tsu_render;
287 endtsuglyph;
288
289 % hana "flower"
290 begintsuglyph("uni82B1",177);
291   kanji.grone.flower;
292   tsu_render;
293 endtsuglyph;
294
295 % gei/u "art"
296 begintsuglyph("uni82B8",184);
297   kanji.grfour.art;
298   tsu_render;
299 endtsuglyph;
300
301 % ga/me "sprout"

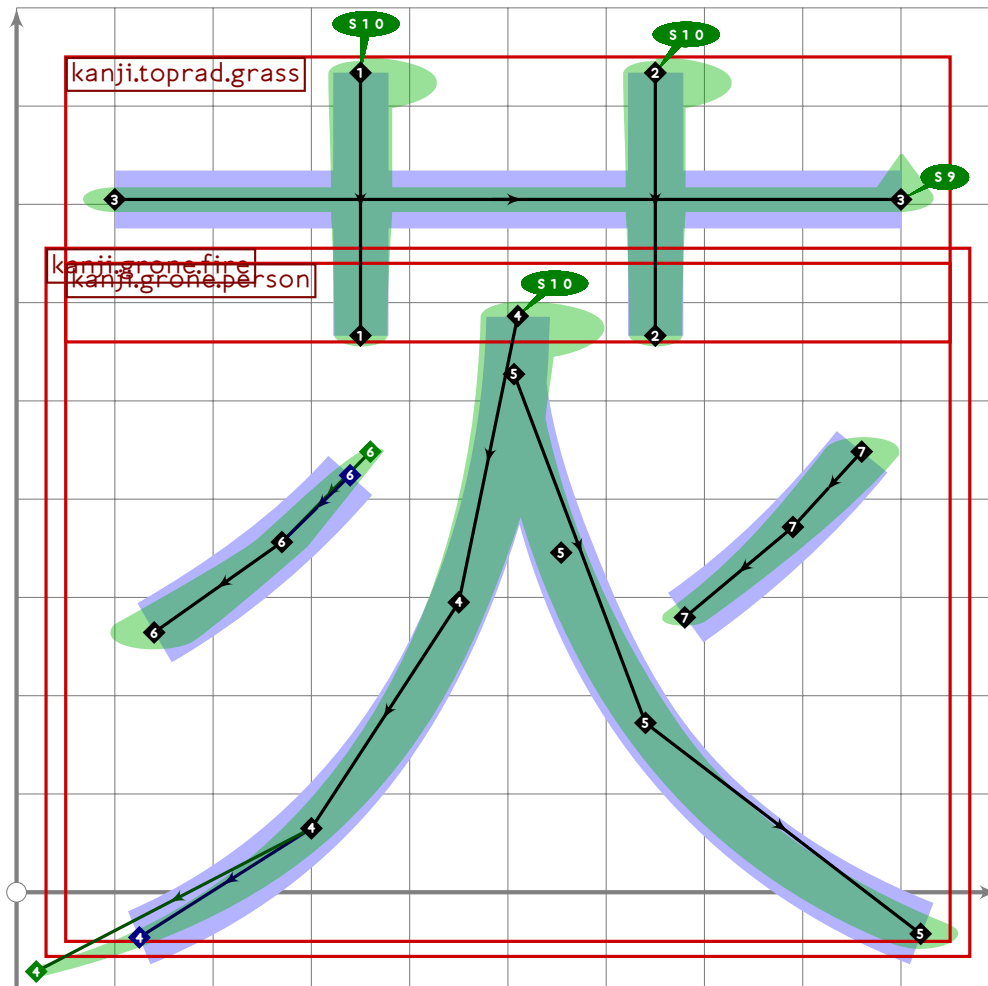
```

[see page 2608]

[see page 2611]

```
302 begintsuglyph("uni82BD";189);
303   kanji.grfour.sprout;
304   tsu_render;
305 endtsuglyph;
306
```

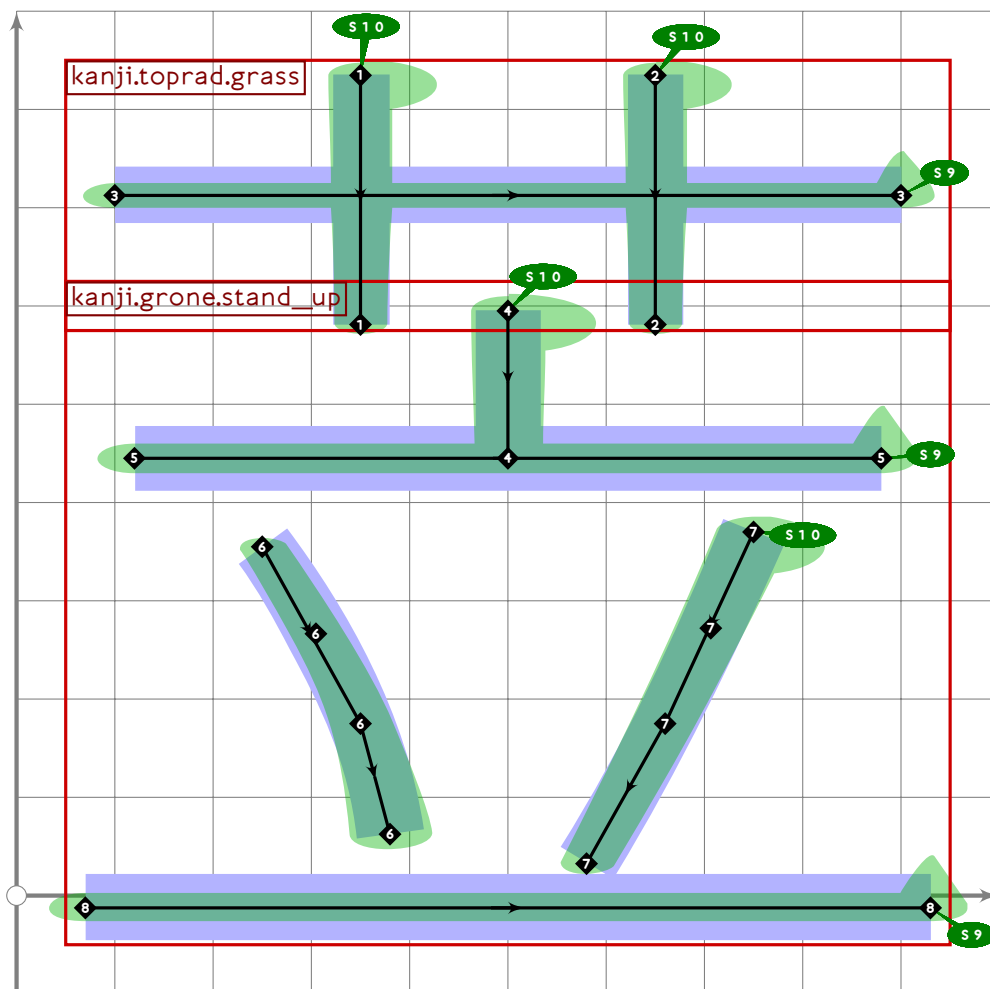
[see page 2614]



```
307 % extra
308 begintsuglyph("uni82C2";194);
309   build_kanji.tb(600,80)
310     (kanji.toprad.grass)
311     (kanji.grone.fire);
312   tsu_render;
313 endtsuglyph;
314
315 % byo/nae "rice seedling"
316 begintsuglyph("uni82D7";215);
317   kanji.greight.seedling;
318   tsu_render;
319 endtsuglyph;
320
```

[see page 771]

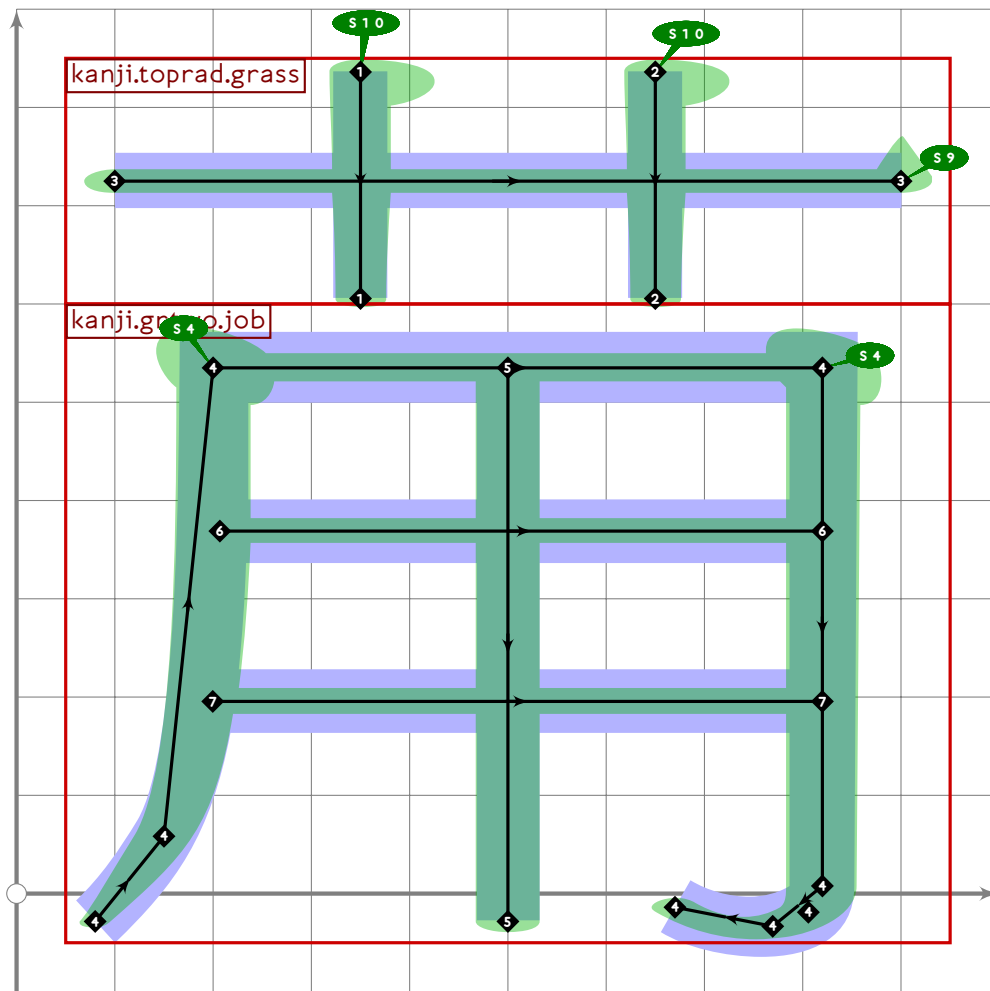
U+82D9
tsuku.uni82D9



```

321 % extra
322 begintsuglyph("uni82D9";217);
323   build_kanji.tb(600,50)
324     (kanji.toprad.grass)
325     (kanji.grone.stand_up);
326   tsu_render;
327 endtsuglyph;
328

```

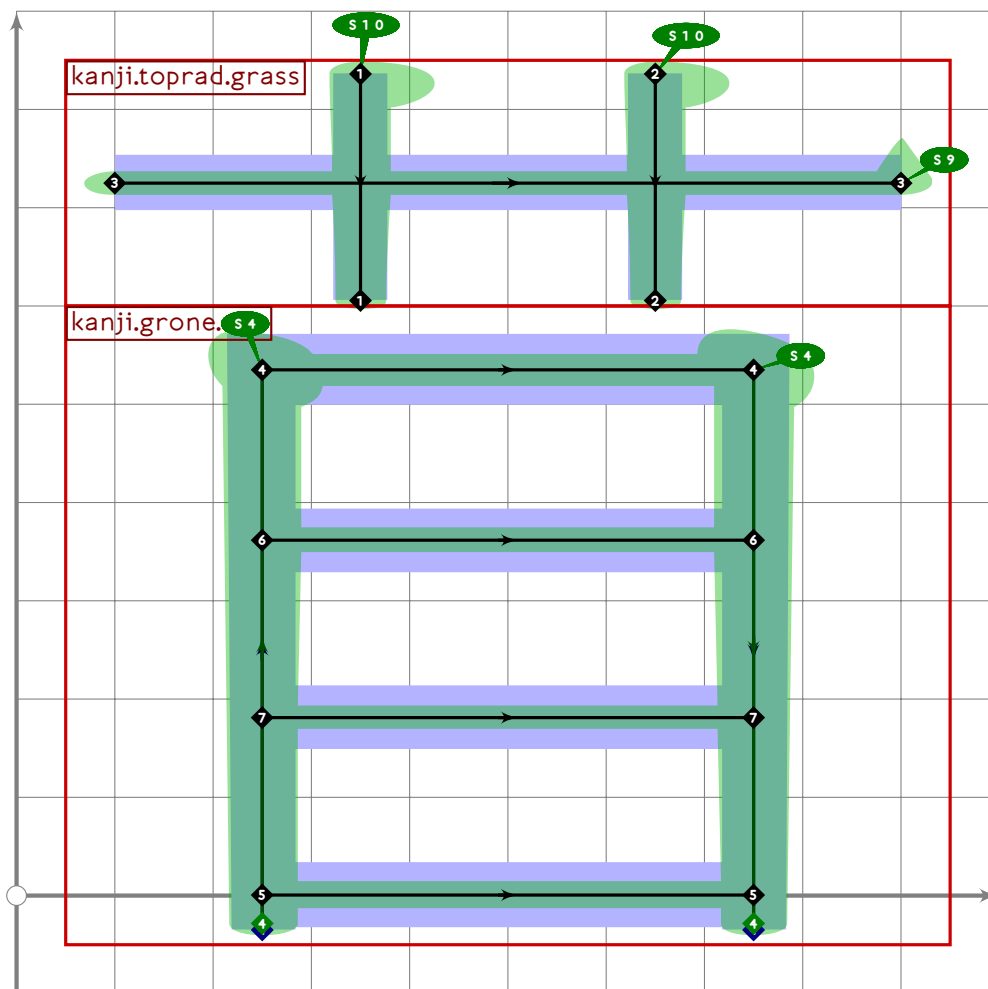


```

329 % extra
330 begintsuglyph("uni82DA";218);
331   build_kanji.tb(600,0)
332     (kanji.toprad.grass)
333     (kanji.grtwo.job);
334   tsu_render;
335 endtsuglyph;
336

```

U+82DC
tsuku.uni82DC



82

```

337 % extra
338 begintsuglyph("uni82DC",220);
339   build_kanji.tb(600,0)
340     (kanji.toprad.grass)
341     (kanji.grone.ey);
342   tsu_render;
343 endtsuglyph;
344
345 % kou/iyashiku "in the least"
346 begintsuglyph("uni82DF",223);
347   kanji.rare.in_the_least;
348   tsu_render;
349 endtsuglyph;
350
351 % waka "young master"
352 begintsuglyph("uni82E5",229);
353   kanji.grsix.young_master;
354   tsu_render;
355 endtsuglyph;
356
357 % ku/kuru "suffering"

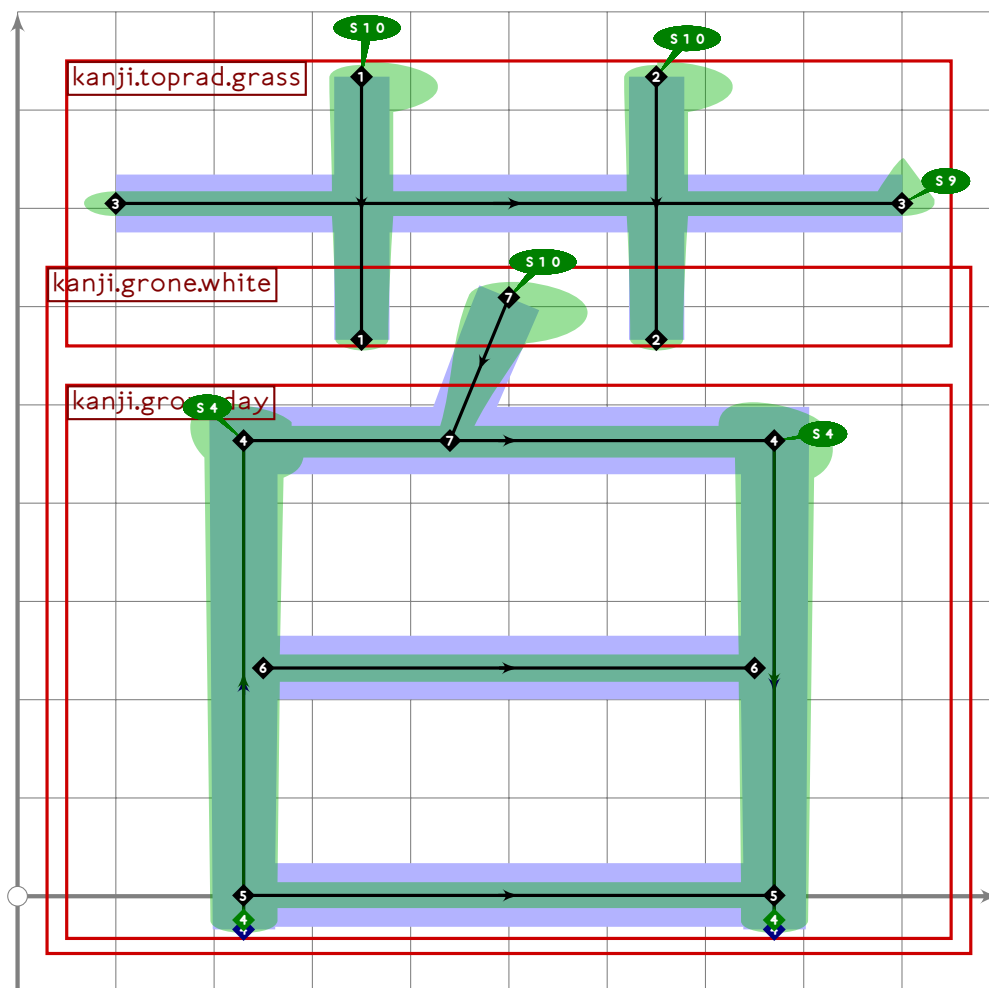
```

[see page 835]

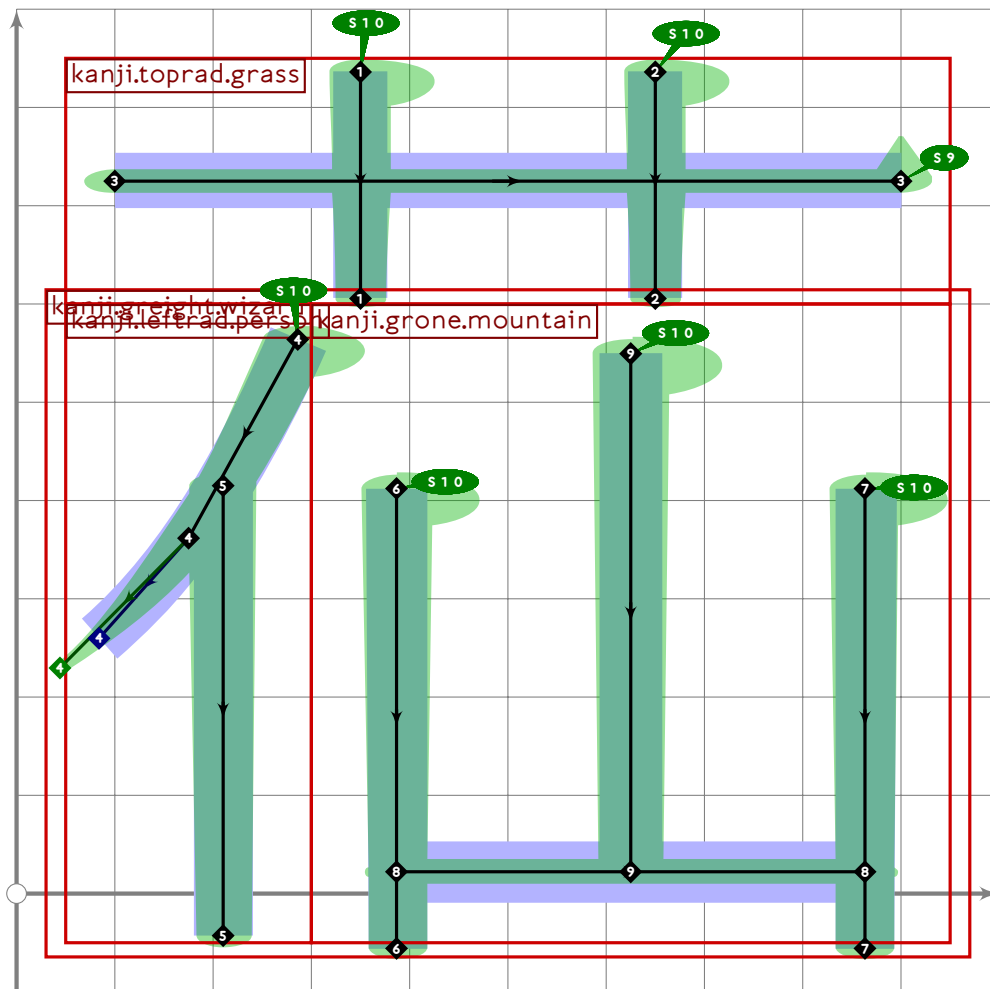
[see page 2615]

[see page 2610]

```
358 begintsuglyph("uni82E6";230);
359   kanji.grthree.suffering;
360   tsu_render;
361 endtsuglyph;
362
```



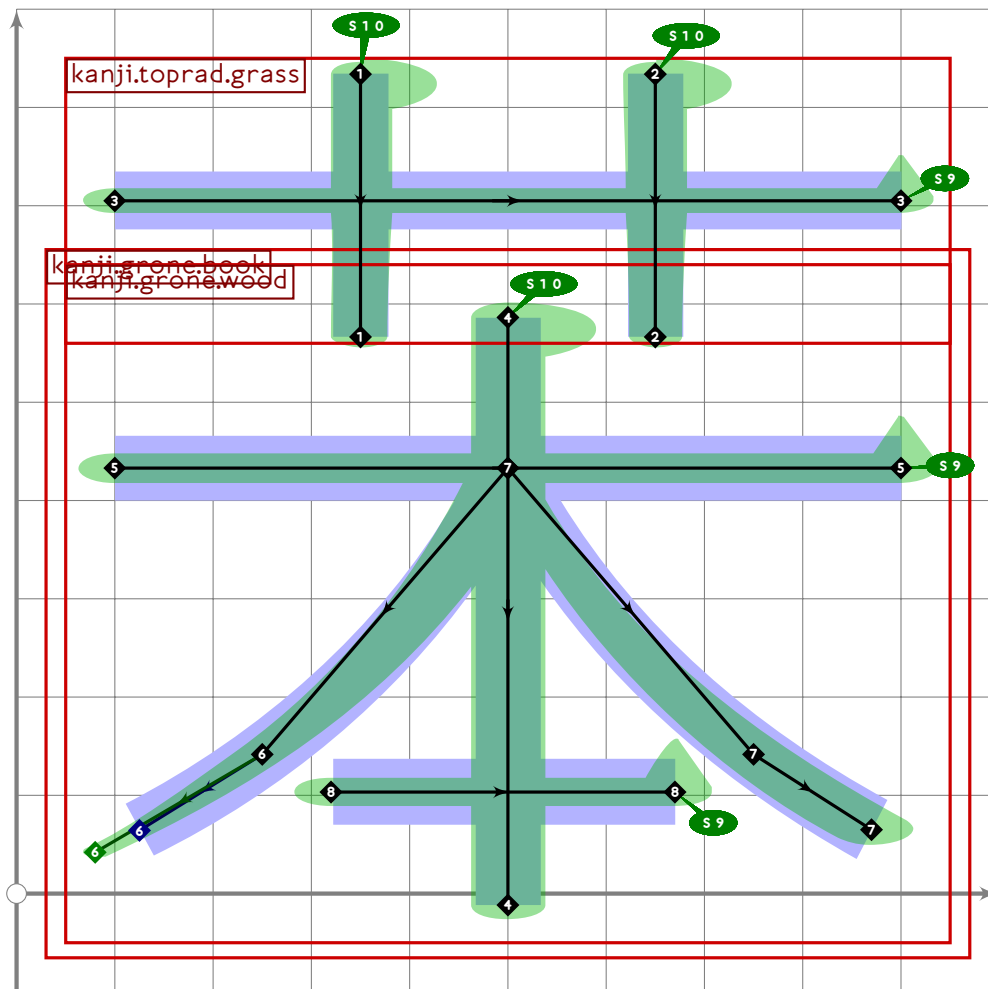
```
363 % extra
364 begintsuglyph("uni82E9";233);
365   build_kanji.tb(600,80)
366     (kanji.toprad.grass)
367     (kanji.grone.white);
368   tsu_render;
369 endtsuglyph;
370
```



```

371 % extra
372 begintsuglyph("uni82EE";238);
373   build_kanji.tb(600,0)
374     (kanji.toprad.grass)
375     (kanji.greight.wizard);
376   tsu_render;
377 endtsuglyph;
378

```

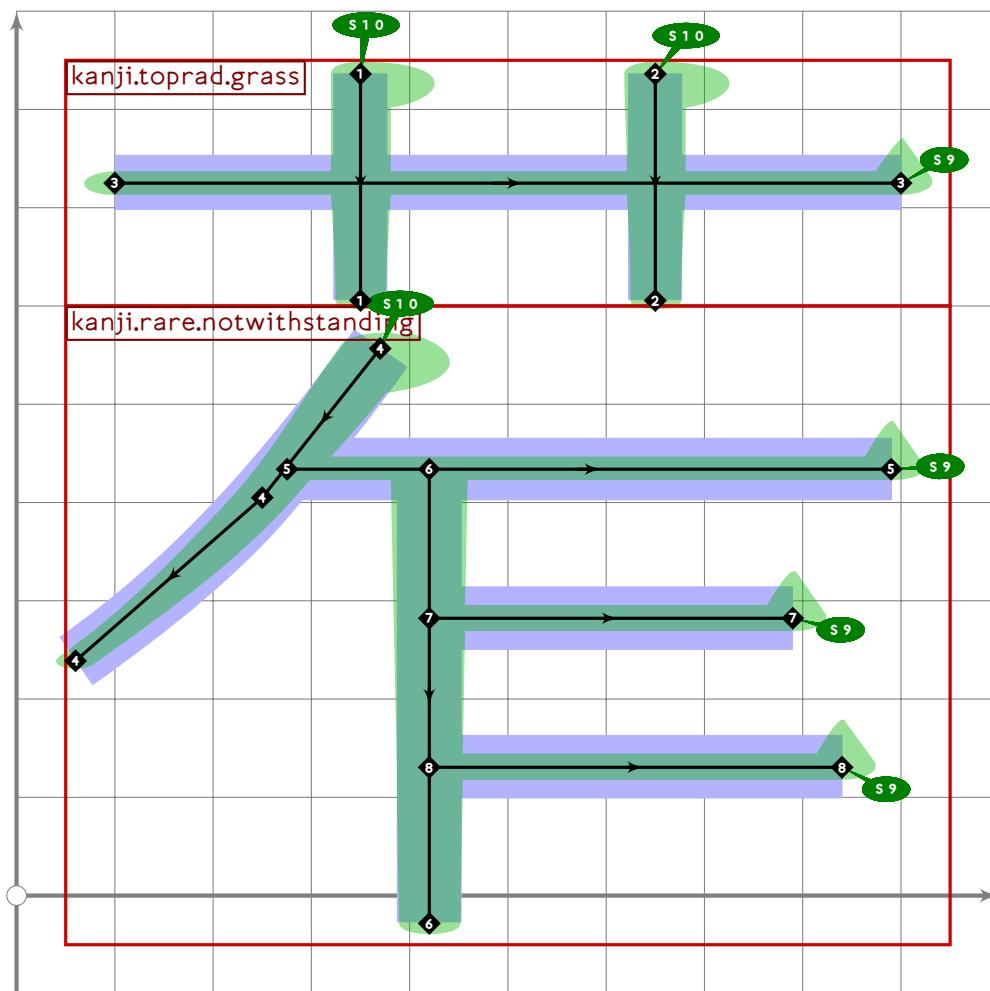


```

379 % extra
380 begintsuglyph("uni82EF";239);
381   build_kanji.tb(600,80)
382     (kanji.toprad.grass)
383     (kanji.grone.book);
384   tsu_render;
385 endtsuglyph;
386
387 % ei "English"
388 begintsuglyph("uni82F1";241);
389   kanji.grfour.english;
390   tsu_render;
391 endtsuglyph;
392

```

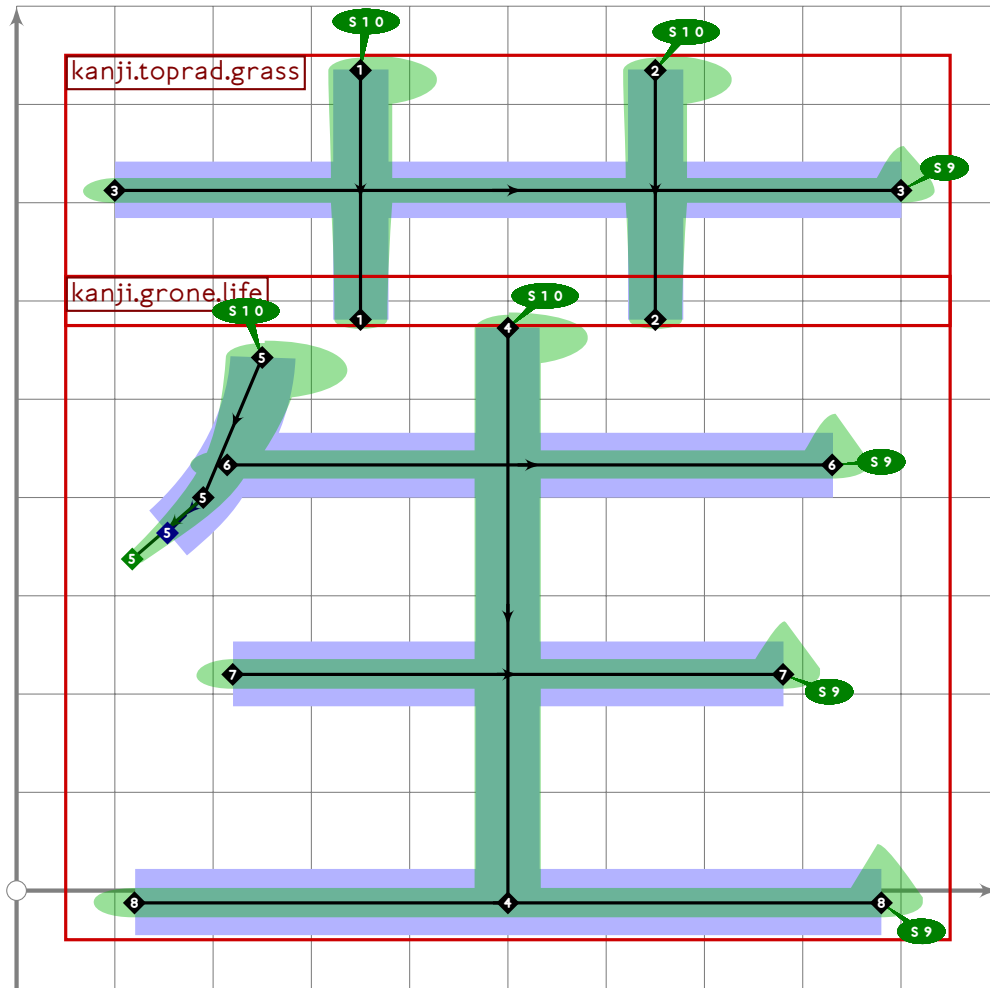
U+82F2
tsuku.uni82F2



```

393 % extra
394 begintsuglyph("uni82F2";242);
395   build_kanji.tb(600,0)
396     (kanji.toprad.grass)
397     (kanji.rare.notwithstanding);
398   tsu_render;
399 endtsuglyph;
400

```



```

401 % extra
402 begintsuglyph("uni82FC";252);
403   build_kanji.tb(600,50)
404     (kanji.toprad.grass)
405     (kanji.grone.life);
406   tsu_render;
407 endtsuglyph;
408
409 _____
410
411 endfont;
412
413 _____

```

tsuku-83.mp

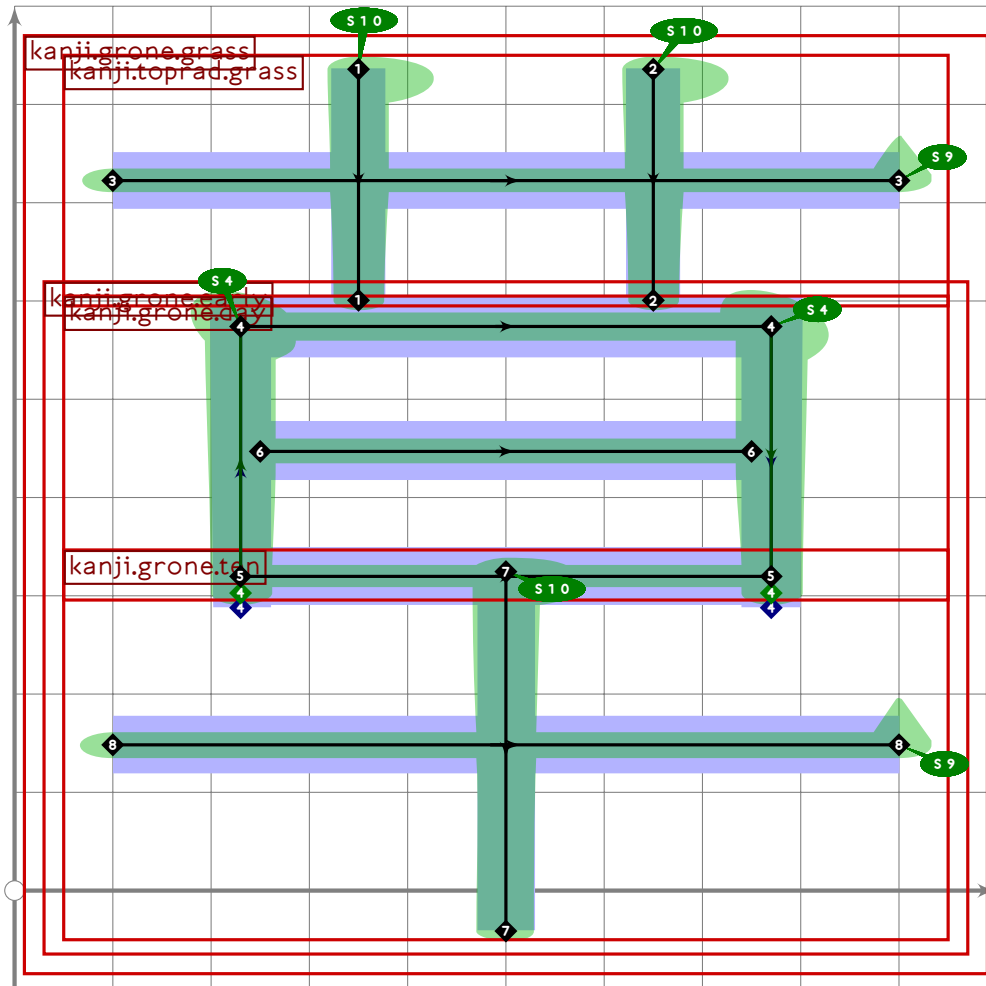
```
1 %
2 % Unicode page 83 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

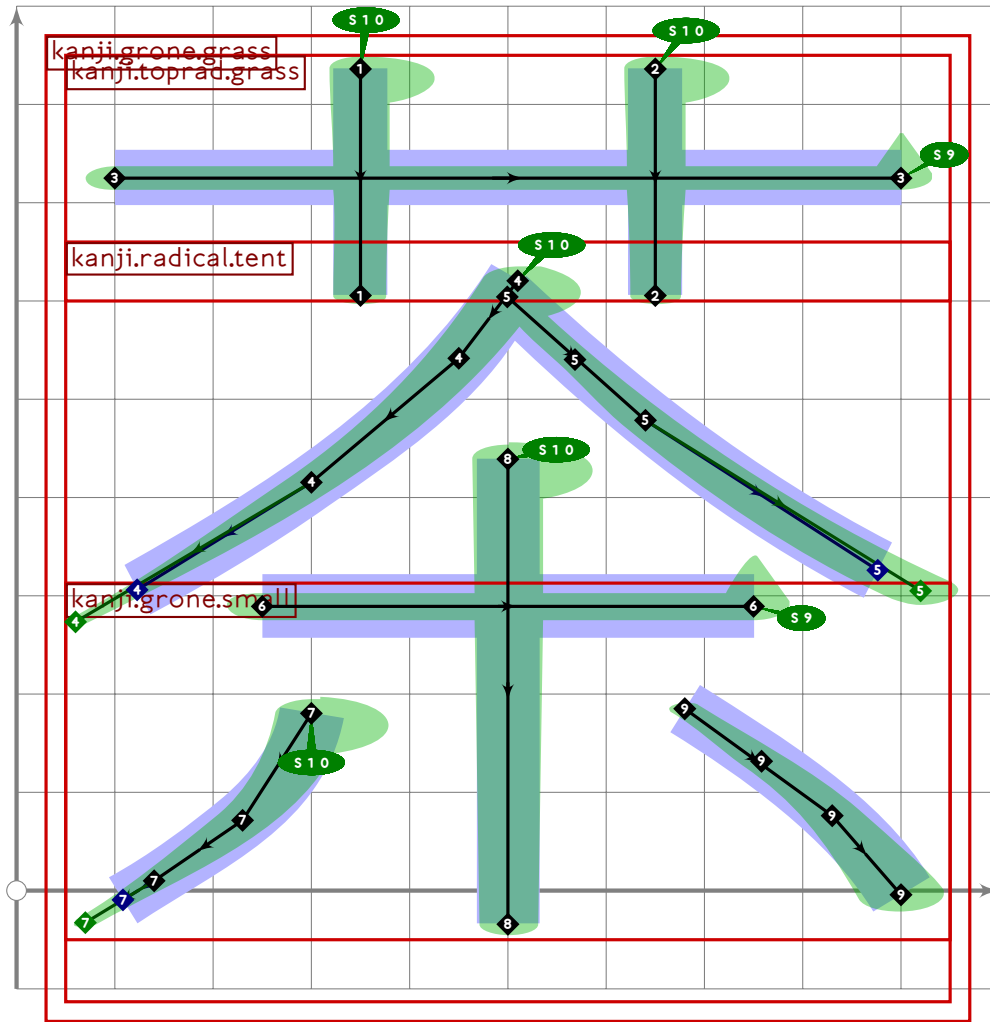

```



```

51
52 vardef kanji.grone.grass =
53   push_pbox_toexpand("kanji.grone.grass");
54   build_kanji.tb(600,10)
55     (kanji.toprad.grass)
56     (kanji.grone.early);
57   expand_pbox;
58 enddef;
59
60

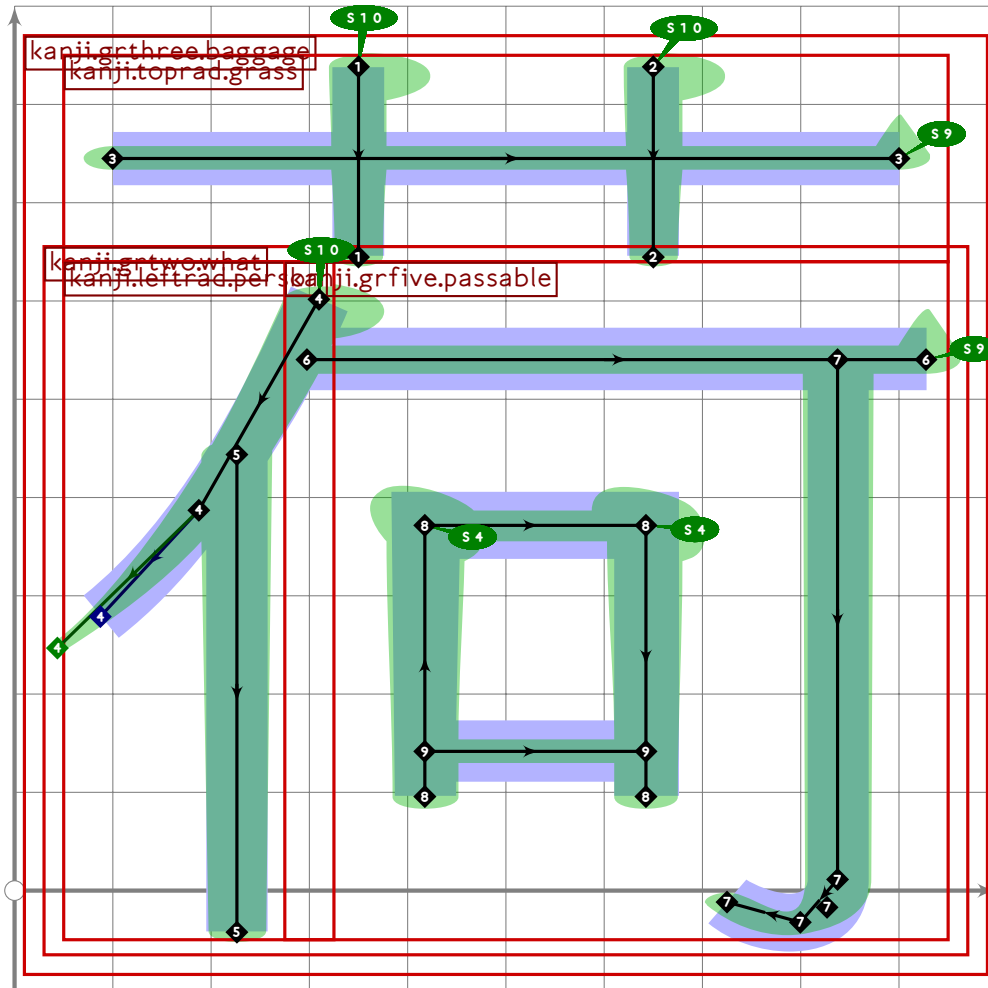
```



```

61
62 vardef kanji.grtwo.tea =
63   push_pbox_toexpand("kanji.grone.grass");
64   build_kanji.tb(630,60)
65   (kanji.toprad.grass)
66   (build_kanji.level(
67     kanji.radical.tent;
68     replace_strokep(0)((250,380)-(750,380));
69     tsu_xform(identity yscaled 0.6 shifted (0,100))
70     (kanji.grone.small);
71     replace_strokep(-1)((500,570)-(500,-30));
72     replace_strokeq(-1)((1.6,1.6)-(14,14));
73   ));
74   expand_pbox;
75 enddef;
76
77

```

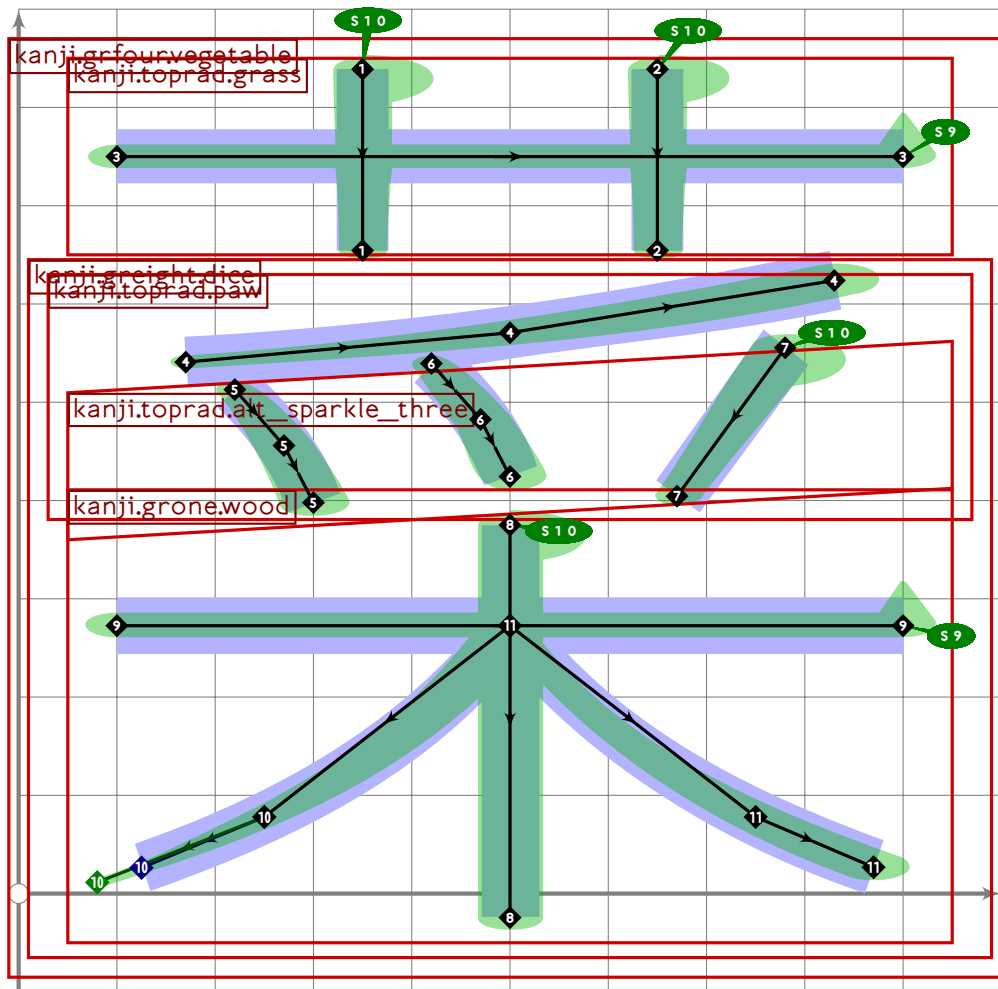


```

78
79 vardef kanji.grthree.baggage =
80   push_pbox_toexpand("kanji.grthree.baggage");
81   build_kanji.tb(640,0)
82     (kanji.toprad.grass)
83     (kanji.grtwo.what);
84   expand_pbox;
85 enddef;
86
87

```

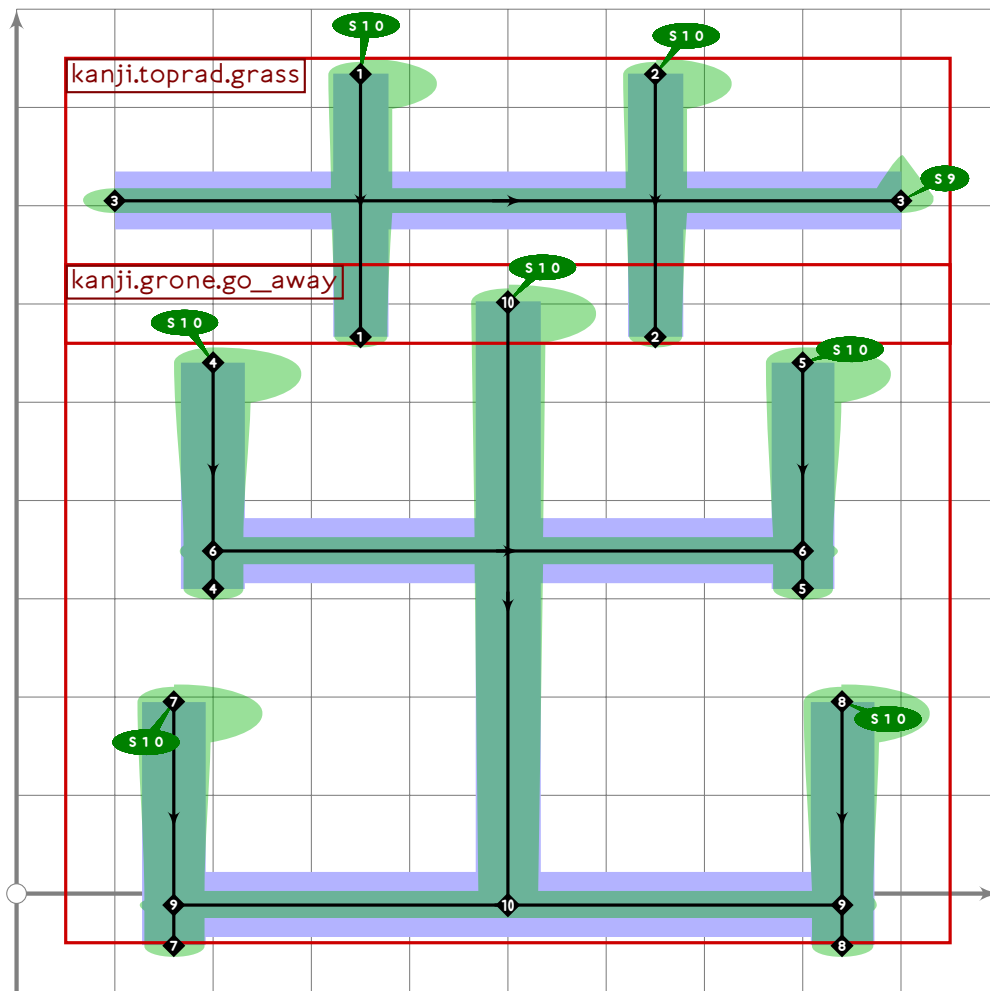
U+83DC
tsuku.uni83DC



```

88
89 vardef kanji.grfour.vegetable =
90   push_pbox_toexpand("kanji.grfour.vegetable");
91   build_kanji.tb(640,-20)
92     (kanji.toprad.grass)
93     (kanji.greight.dice);
94   expand_pbox;
95 enddef;
96
97
98

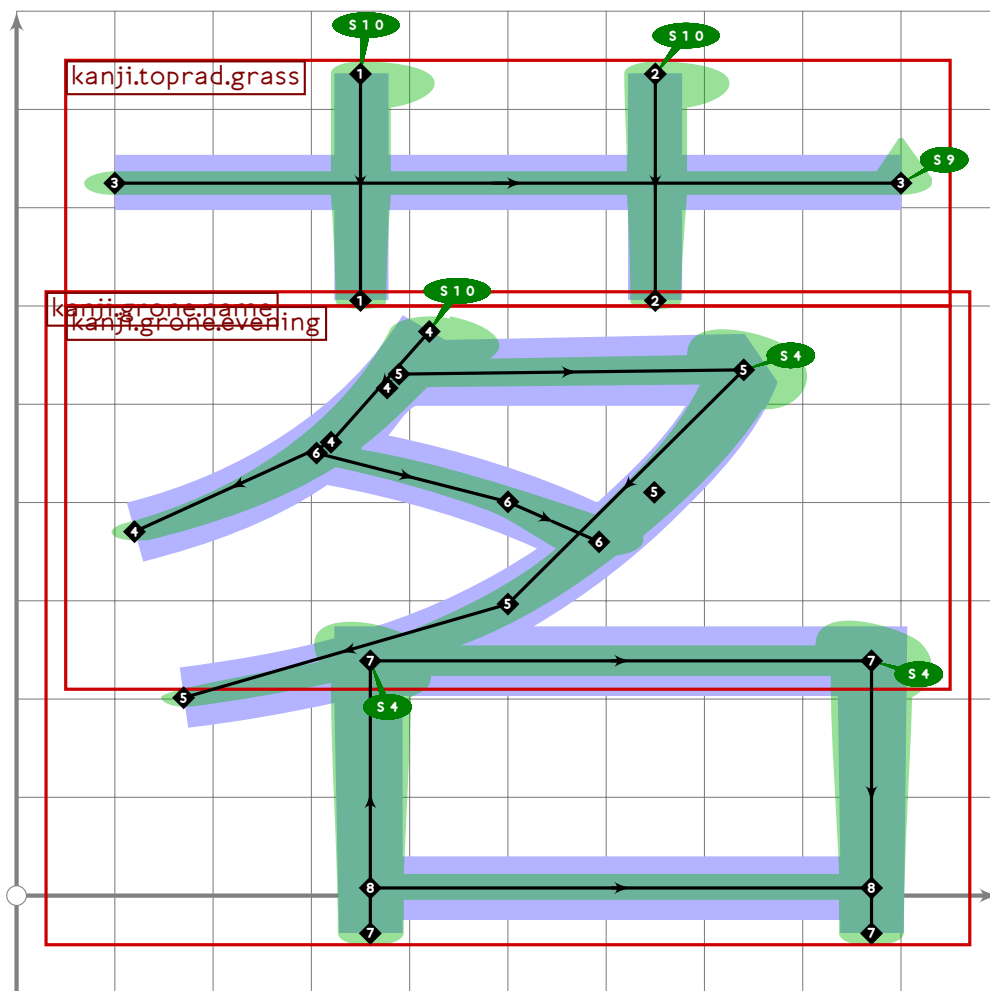
```



```

99 % extra
100 begintsuglyph("uni8301",1);
101   build_kanji.tb(600,80)
102     (kanji.toprad.grass)
103     (kanji.grone.go_away);
104   tsu_render;
105 endtsuglyph;
106

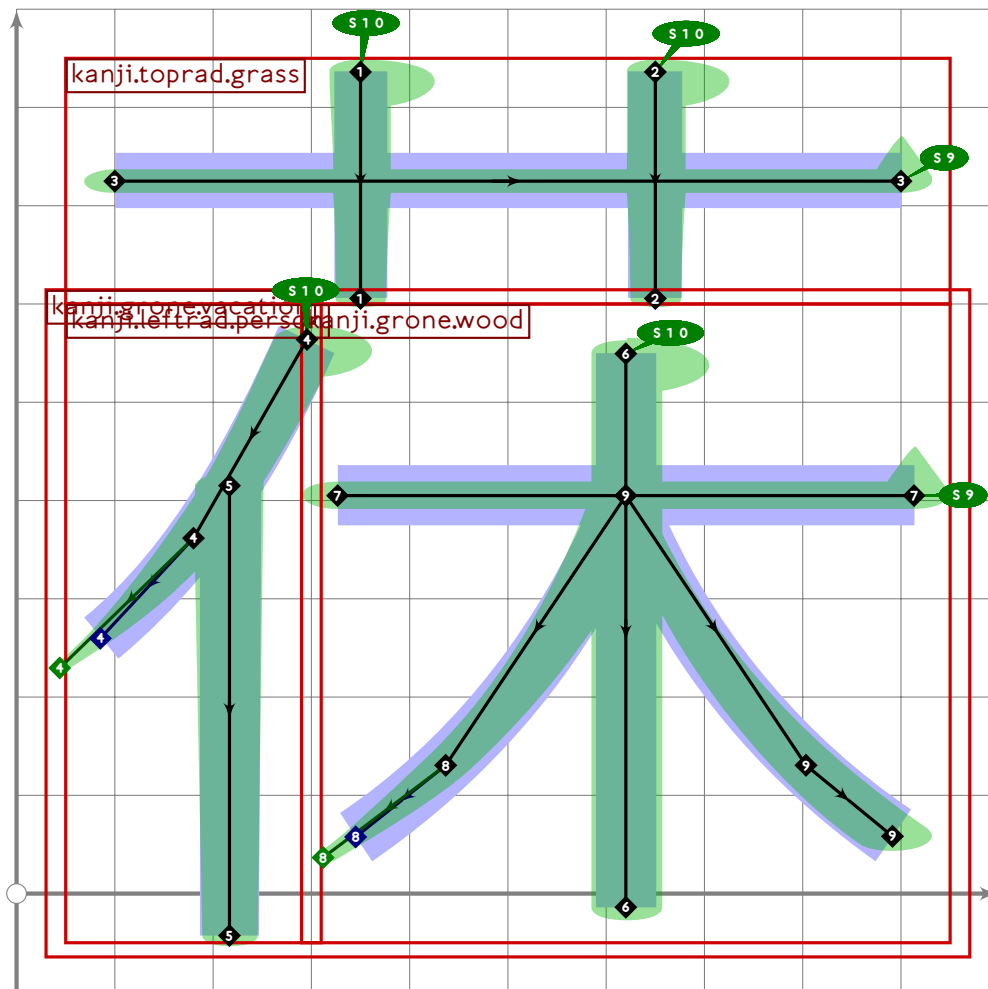
```



```

107 % myou/cha "tea"
108 begintsuglyph("uni8317",23);
109   build_kanji.tb(600,0)
110     (kanji.toprad.grass)
111     (kanji.grone.name);
112   tsu_render;
113 endtsuglyph;
114

```

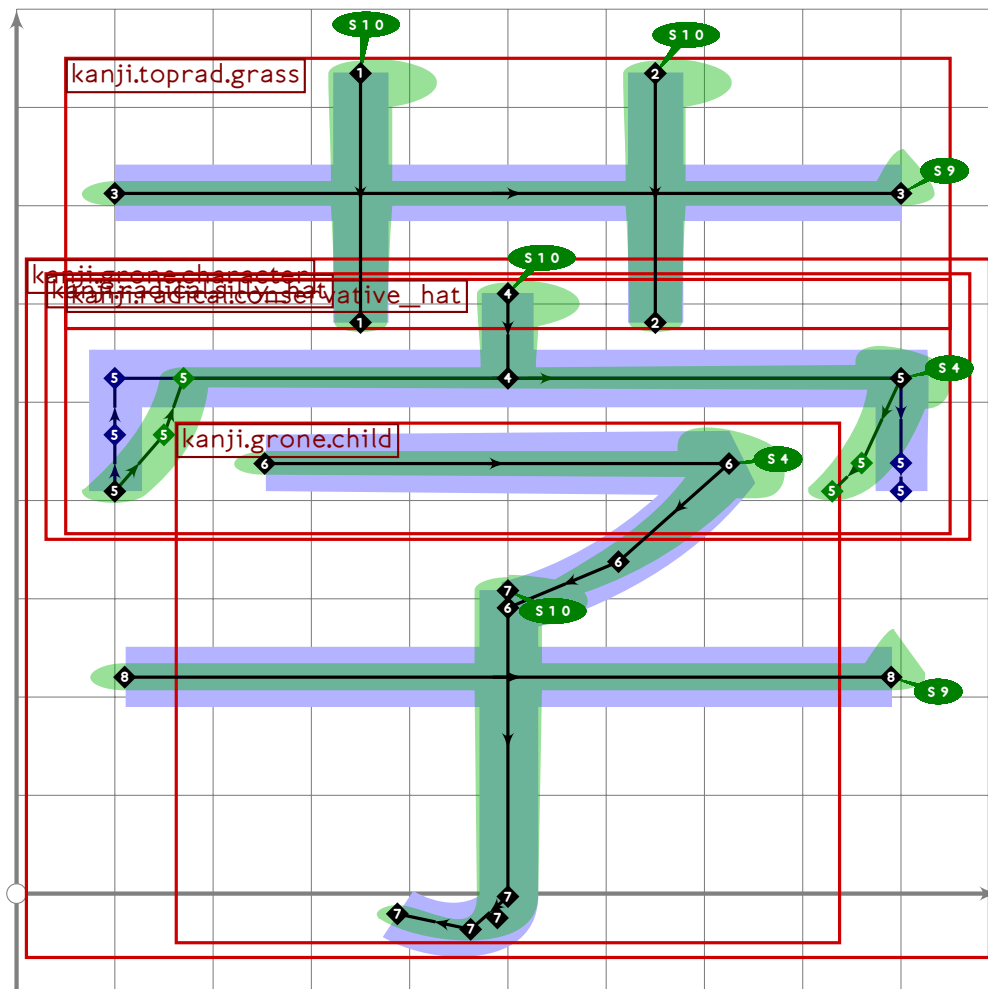


```

115 % extra
116 begintsuglyph("uni8320";32);
117   build_kanji.tb(600,0)
118     (kanji.toprad.grass)
119     (kanji.grone.vacation);
120   tsu_render;
121 endtsuglyph;
122

```

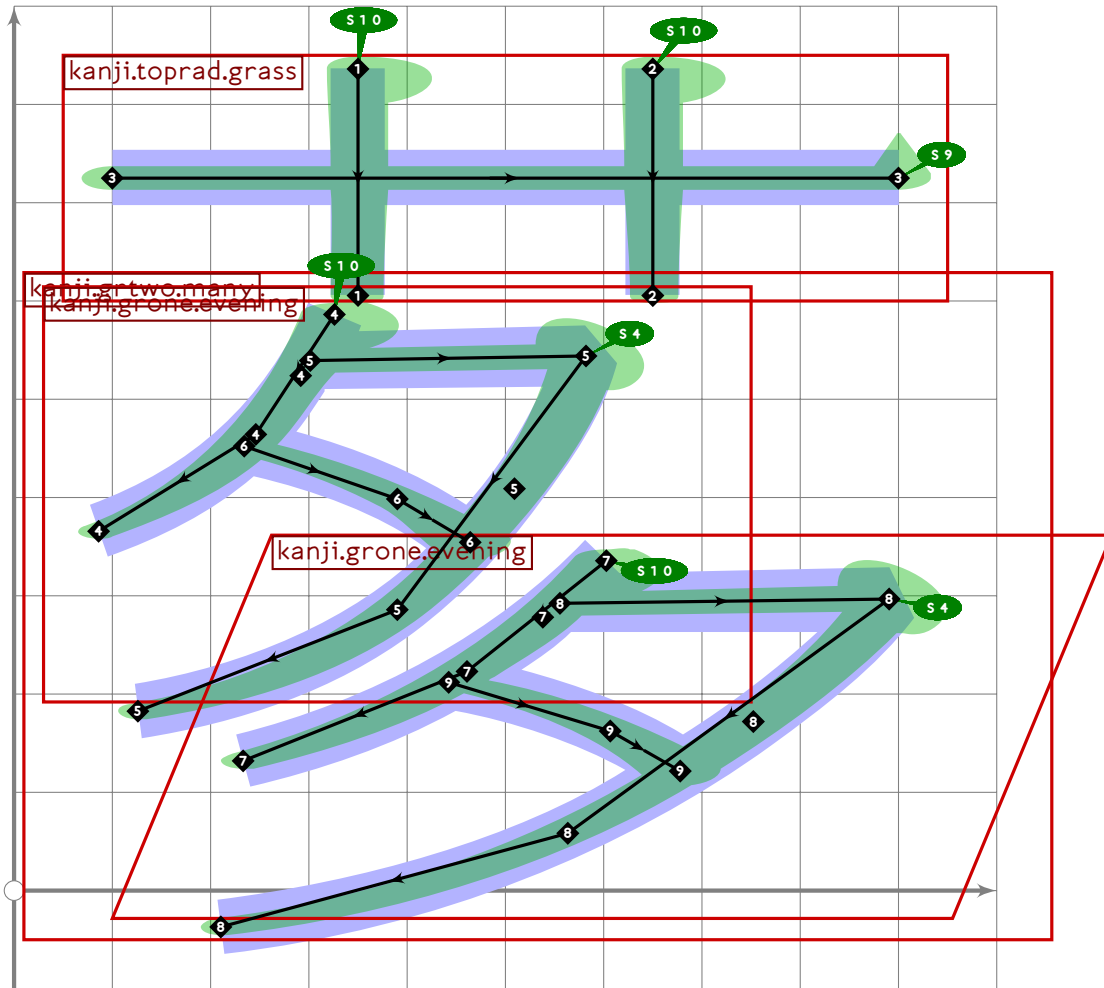
U+8321
tsuku.uni8321



```

123 % extra
124 begintsuglyph("uni8321",33);
125   build_kanji.tb(600,50)
126     (kanji.toprad.grass)
127     (kanji.grone.character);
128   tsu_render;
129 endtsuglyph;
130

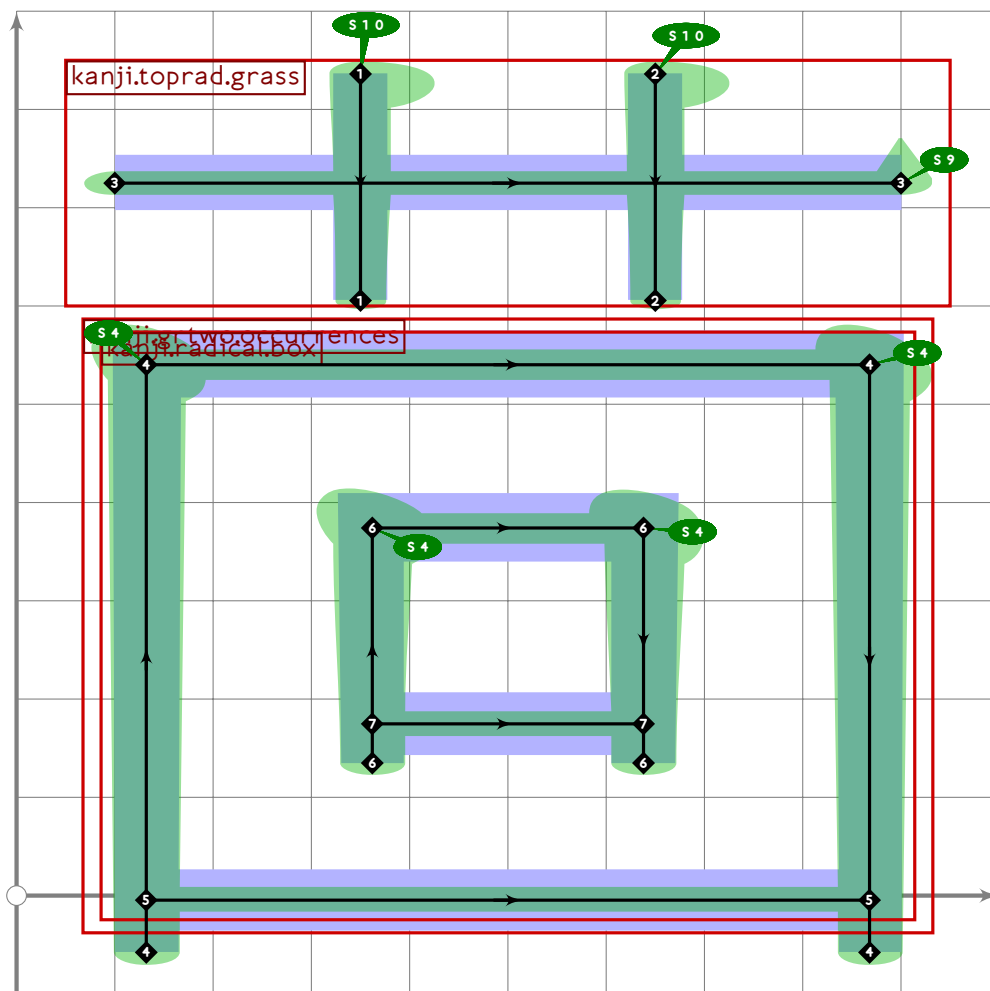
```



```

131 % extra
132 begintsuglyph("uni8324",36);
133   build_kanji.tb(600,0)
134     (kanji.toprad.grass)
135     (kanji.grtwo.many);
136   tsu_render;
137 endtsuglyph;
138

```

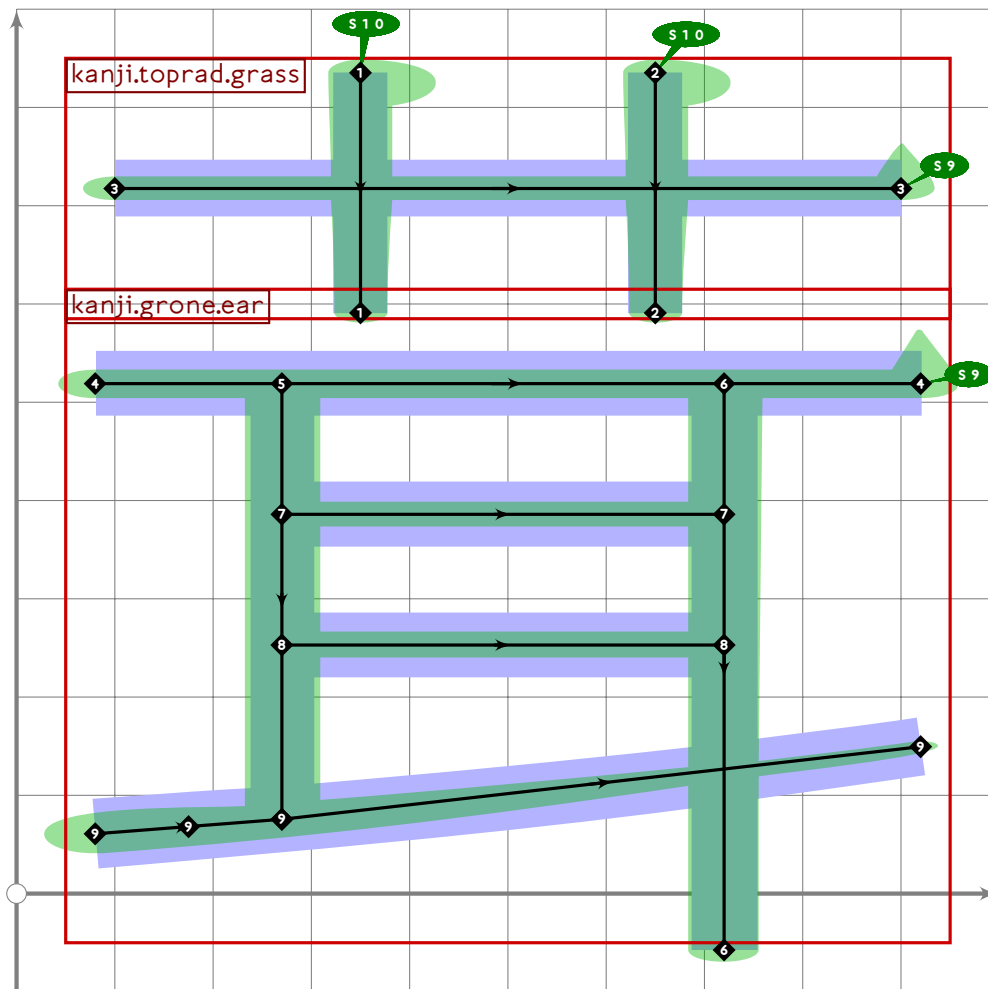


```

139 % extra
140 begintsuglyph("uni8334";52);
141   build_kanji.tb(600,0)
142     (kanji.toprad.grass)
143     (build_kanji.sscale(scaled 0.92)(kanji.grtwo.occurrences));
144   tsu_render;
145 endtsuglyph;
146
147 % cha/sa "tea"
148 begintsuglyph("uni8336";54);
149   kanji.grtwo.tea;
150   tsu_render;
151 endtsuglyph;
152

```

[see page 2642]



```

153 % extra
154 begintsuglyph("uni8338",56);
155   build_kanji.tb(600,30)
156     (kanji.toprad.grass)
157     (kanji.grone.ear);
158   tsu_render;
159 endtsuglyph;

```

```

160
161 % sou/kusa "grass"
162 begintsuglyph("uni8349",73);
163   kanji.grone.grass;
164   tsu_render;
165 endtsuglyph;

```

[see page 2641]

```

166
167 % ka/ni "baggage"
168 begintsuglyph("uni8377",119);
169   kanji.grthree.baggage;
170   tsu_render;
171 endtsuglyph;

```

[see page 2643]

```

172
173 % hoku/wazurawashii "no meaning given, but needed to build 'boku'"

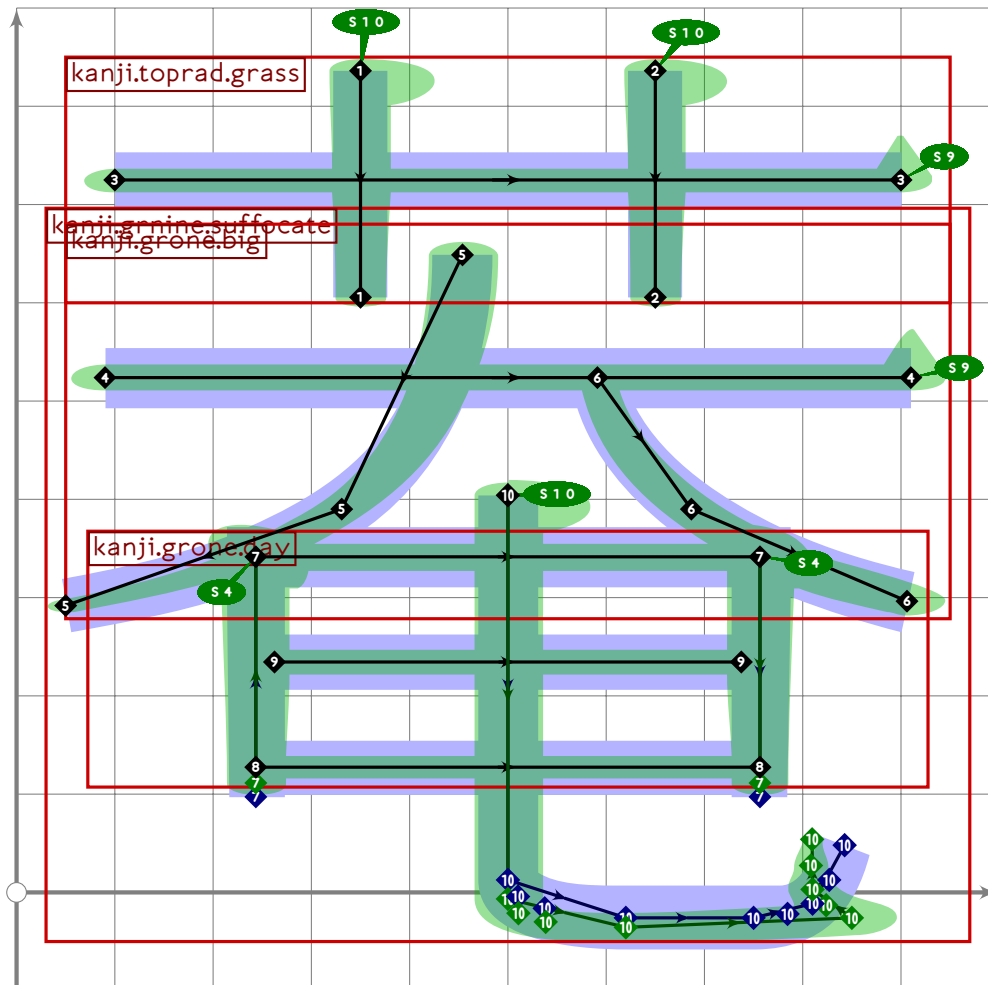
```

U+83F4
tsuku.uni83F4

```
174 begintsuglyph("uni83D0";208);  
175   kanji.rare.eight_three_dee_zero;  
176   tsu_render;  
177 endsuglyph;  
178  
179 % sai/na "vegetable"  
180 begintsuglyph("uni83DC";220);  
181   kanji.grfour.vegetable;  
182   tsu_render;  
183 endsuglyph;  
184
```

[see page 834]

[see page 2644]



```
185 % extra an/iori "hermitage"  
186 begintsuglyph("uni83F4";244);  
187   build_kanji.tb(640,80)  
188     (kanji.toprad.grass)  
189     (kanji.grnine.suffocate);  
190   tsu_render;  
191 endsuglyph;  
192  
193  
194
```

195 endfont;

196

197

tsuku-84.mp

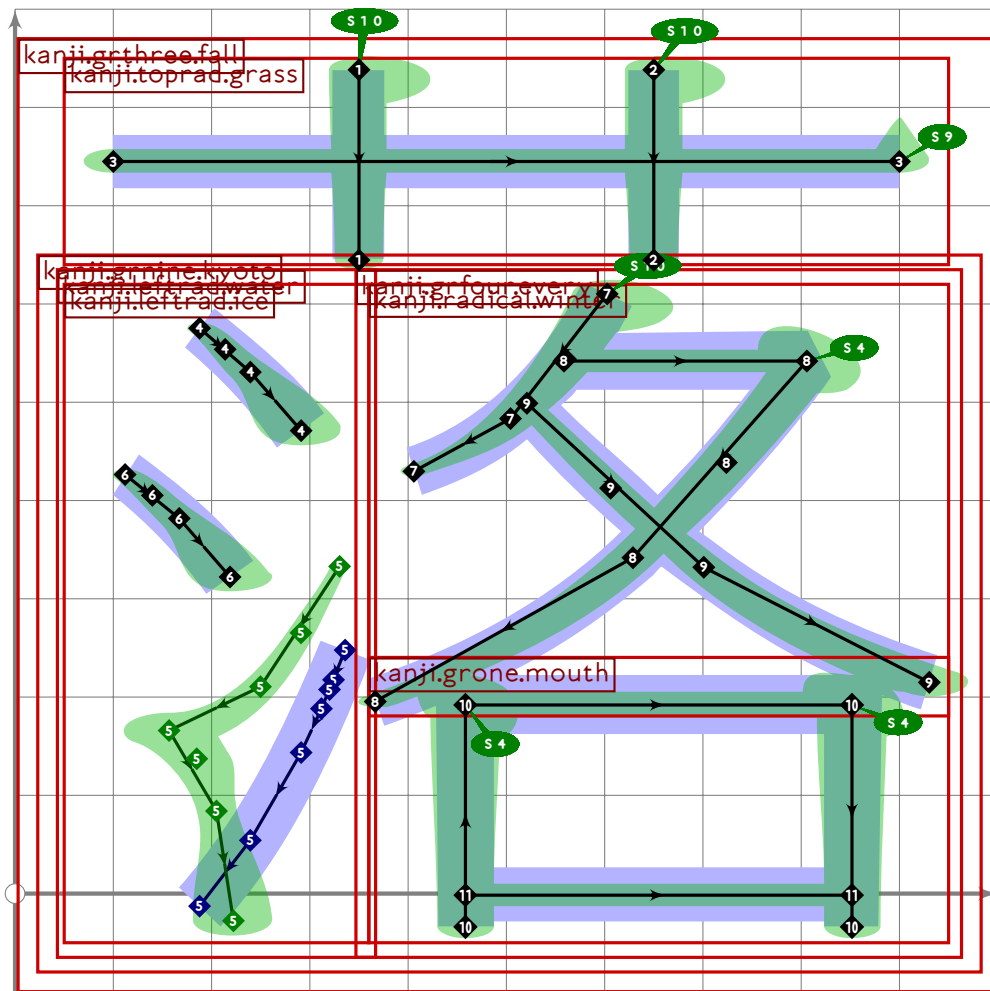
```
1 %
2 % Unicode page 84 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

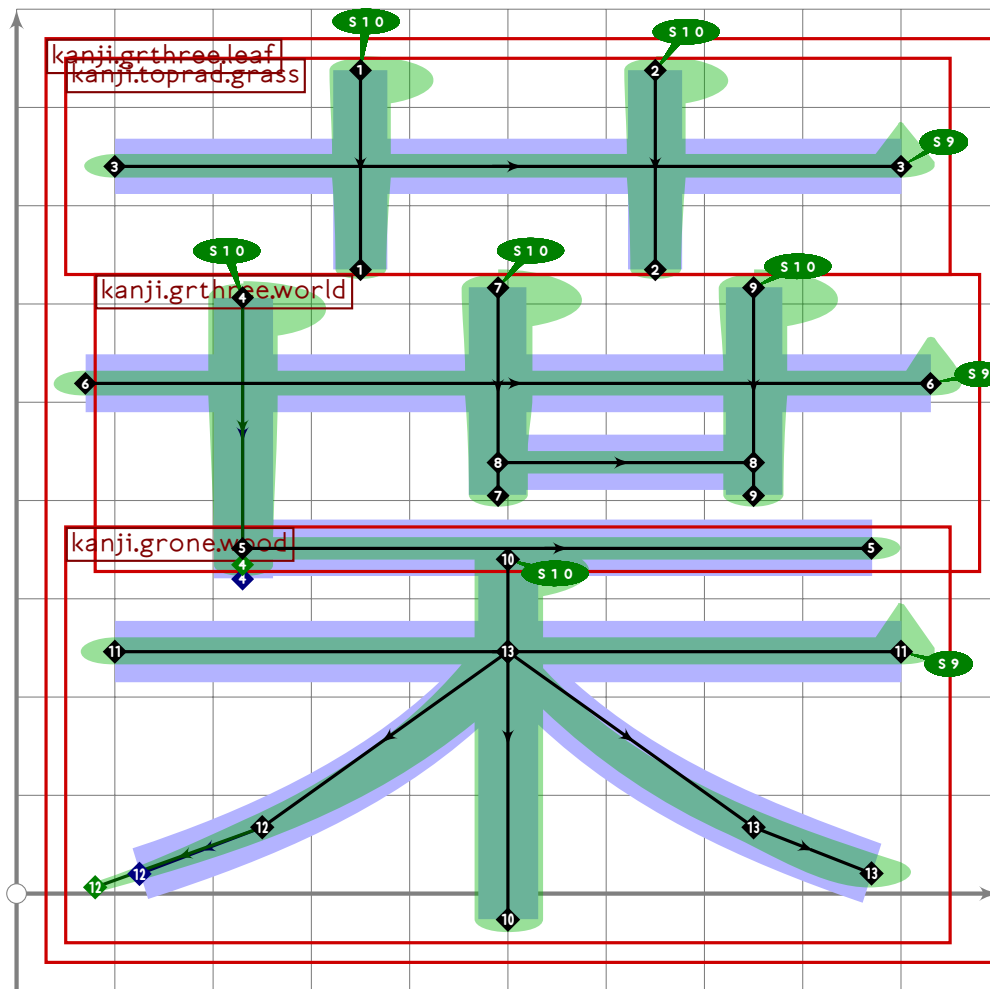

```



```

49
50 vardef kanji.grthree.fall =
51   push_pbox_toexpand("kanji.grthree.fall");
52   build_kanji.tb(630,-20)
53     (kanji.toprad.grass)
54     (kanji.grnine.kyoto);
55   expand_pbox;
56 enddef;

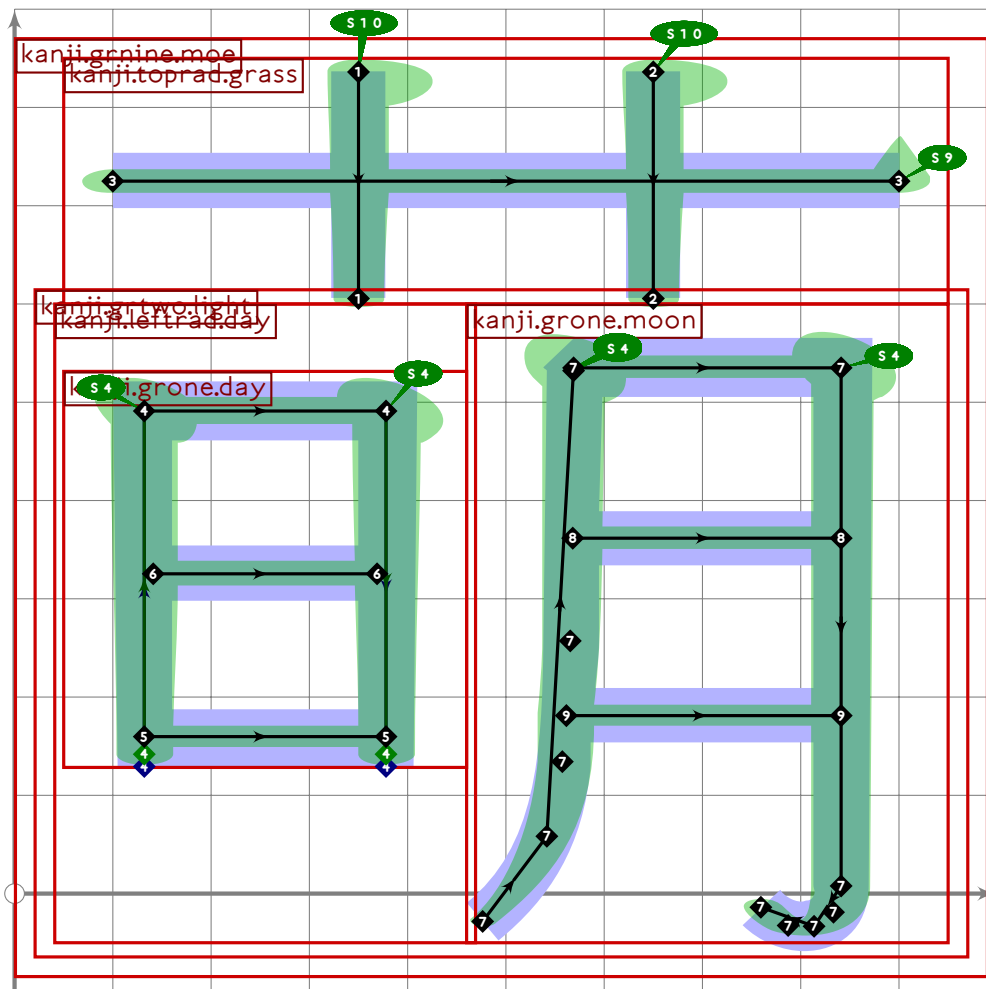
```



```

57
58 vardef kanji.grthree.leaf =
59   push_pbox_toexpand("kanji.grthree.leaf");
60   build_kanji.tb(630,0)
61     (kanji.toprad.grass)
62     (build_kanji.tb(480,60)
63       (tsu_xform(identity shifted (30,0))(kanji.grthree.world))
64       (kanji.grone.wood));
65   expand_pbox;
66 enddef;
67
68

```



```

69
70 vardef kanji.grnine.moe =
71   push_pbox_toexpand("kanji.grnine.moe");
72   build_kanji.tb(600,0)
73     (kanji.toprad.grass)
74     (kanji.grtwo.light);
75   expand_pbox;
76 enddef;
77
78
79
80 % moe (untranslatable)
81 begintsuglyph("uni840C";12);
82   kanji.grnine.moe;
83   tsu_render;
84 endtsuglyph;
85
86 % raku/o "fall" or "drop"
87 begintsuglyph("uni843D";61);
88   kanji.grthree.fall;
89   tsu_render;

```

[see page 2657]

[see page 2655]

```
90 endtsuglyph;
91
92 % you/ha "leaf"
93 begintsuglyph("uni8449;73); [see page 2656]
94   kanji.grthree.leaf;
95   tsu_render;
96 endtsuglyph;
97
98 

---


99
100 endfont;
101
102 

---

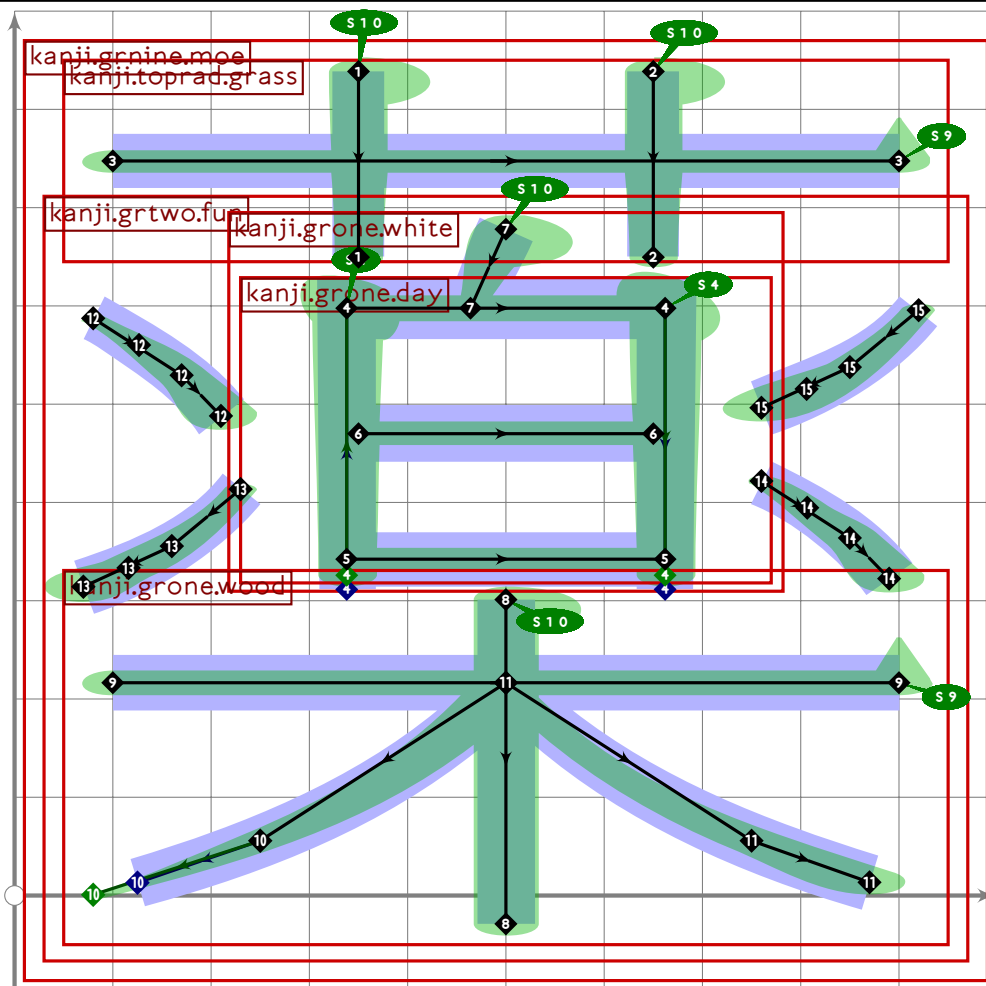

```

tsuku-85.mp

```

1 %
2 % Unicode page 85 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeone.mp;
38 input gradetwo.mp;
39 input toprad.mp;
40
41 do_late_includes;
42
43 _____

```



```

44
45 vardef kanji.grthree.medicine =
46   push_pbox_toexpand("kanji.grnine.moe");
47   build_kanji.tb(670,50)
48     (kanji.toprad.grass)
49     (kanji.grtwo.fun);
50   expand_pbox;
51 enddef;
52
53 

---


54
55 % yaku/kusuri "medicine"
56 begintsuglyph("uni85AC";172); [see page 2660]
57   kanji.grthree.medicine;
58   tsu_render;
59 endtsuglyph;
60
61 

---


62
63 endfont;
64
65 

---



```

tsuku-86.mp

```
1 %
2 % Unicode page 86 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeone.mp;
38
39 do_late_includes;
40
41 

---


42
43 % mushi "bug"
44 begintsuglyph("uni866B";107); [see page 421]
45   kanji.grone.bug;
46   tsu_render;
47 endtsuglyph;
48
49 

---

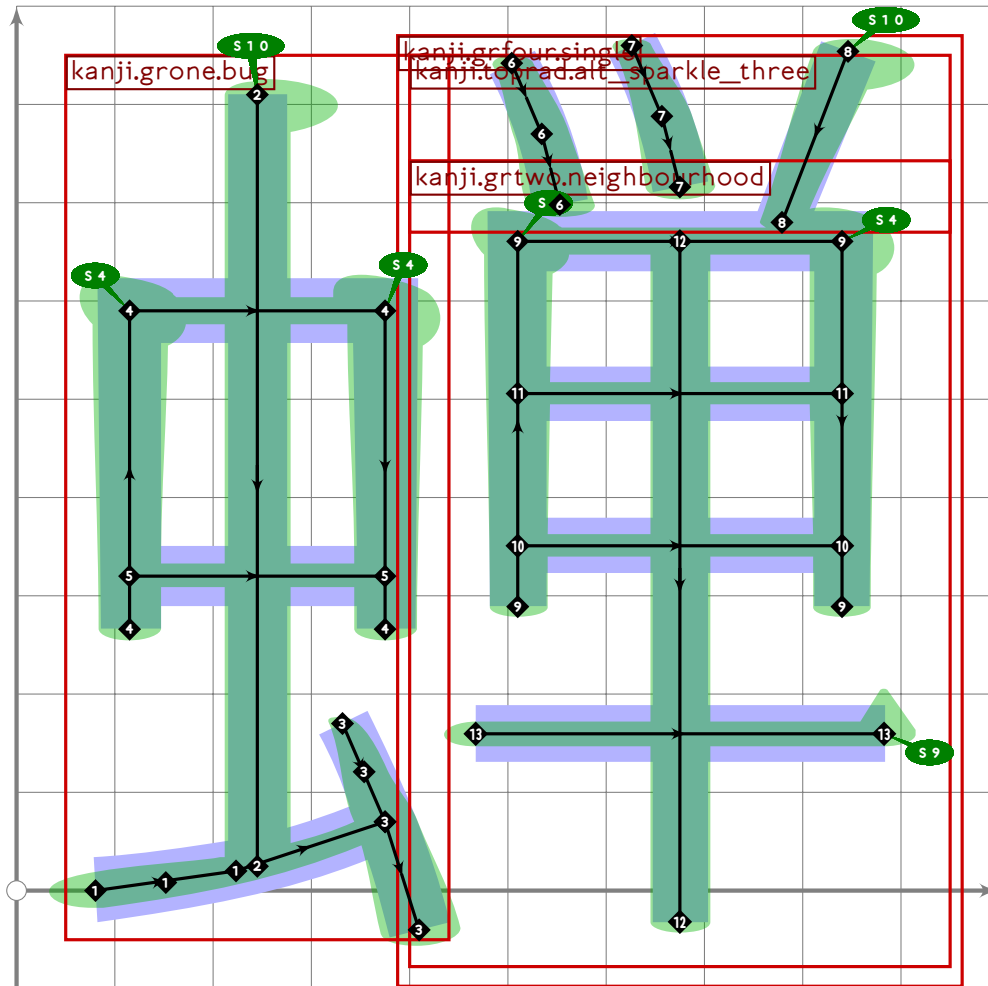

50
51 endfont;
52
53 

---


```

tsuku-87.mp

```
1 %
2 % Unicode page 87 (Kanji) for Tsukurimashou
3 % Copyright (C) 2013 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 toprad.mp;
41
42 do_late_includes;
43
44
45
```



```

46 % extra: sen/semi "cicada"
47 begintsuglyph("uni8749",73);
48   build_kanji.lr(420,40)
49     (kanji.grone.bug)
50     (kanji.grfour.single);
51   tsu_render;
52 endtsuglyph;
53
54
55
56 endfont;
57
58

```

tsuku-88.mp

```
1 %  
2 % Unicode page 88 (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala  
4 %  
5-29 [Standard copyright notice]
```

```
30
```

```
31
```

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

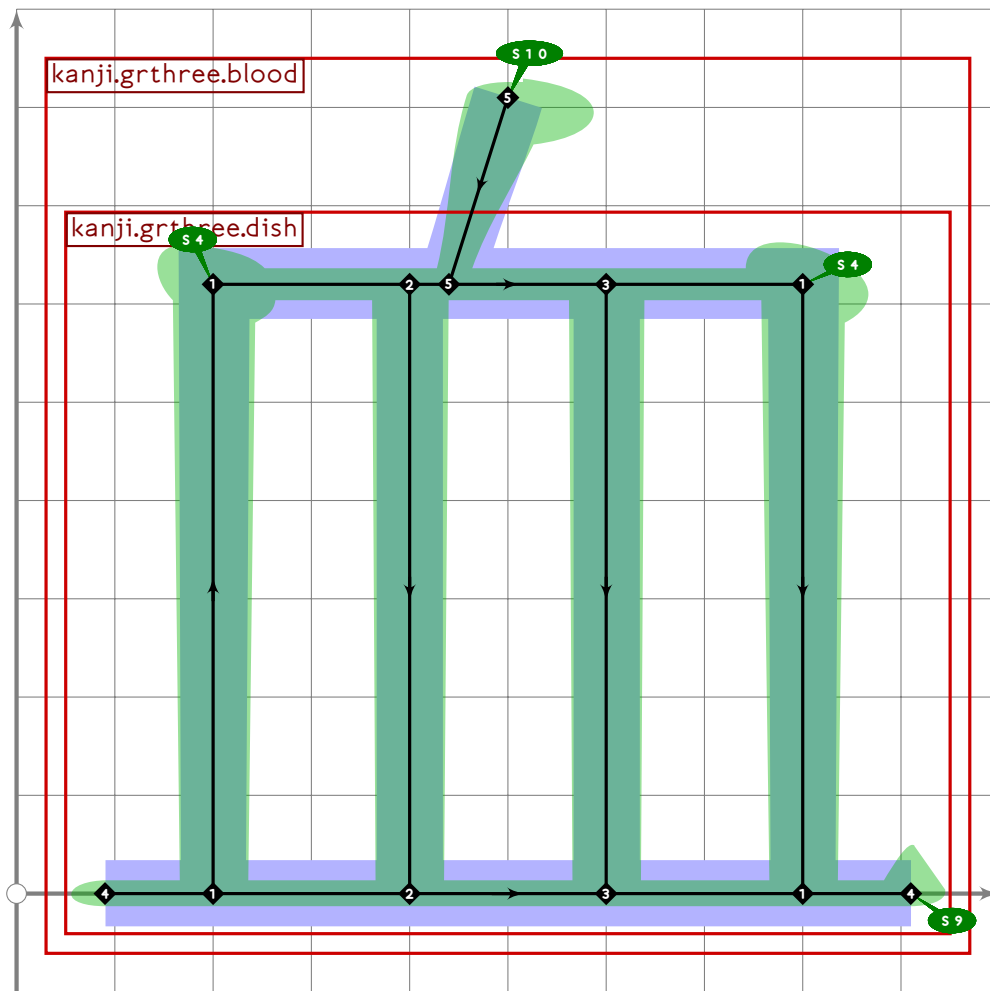
```
50 input toprad.mp;
```

```
51
```

```
52 do_late_includes;
```

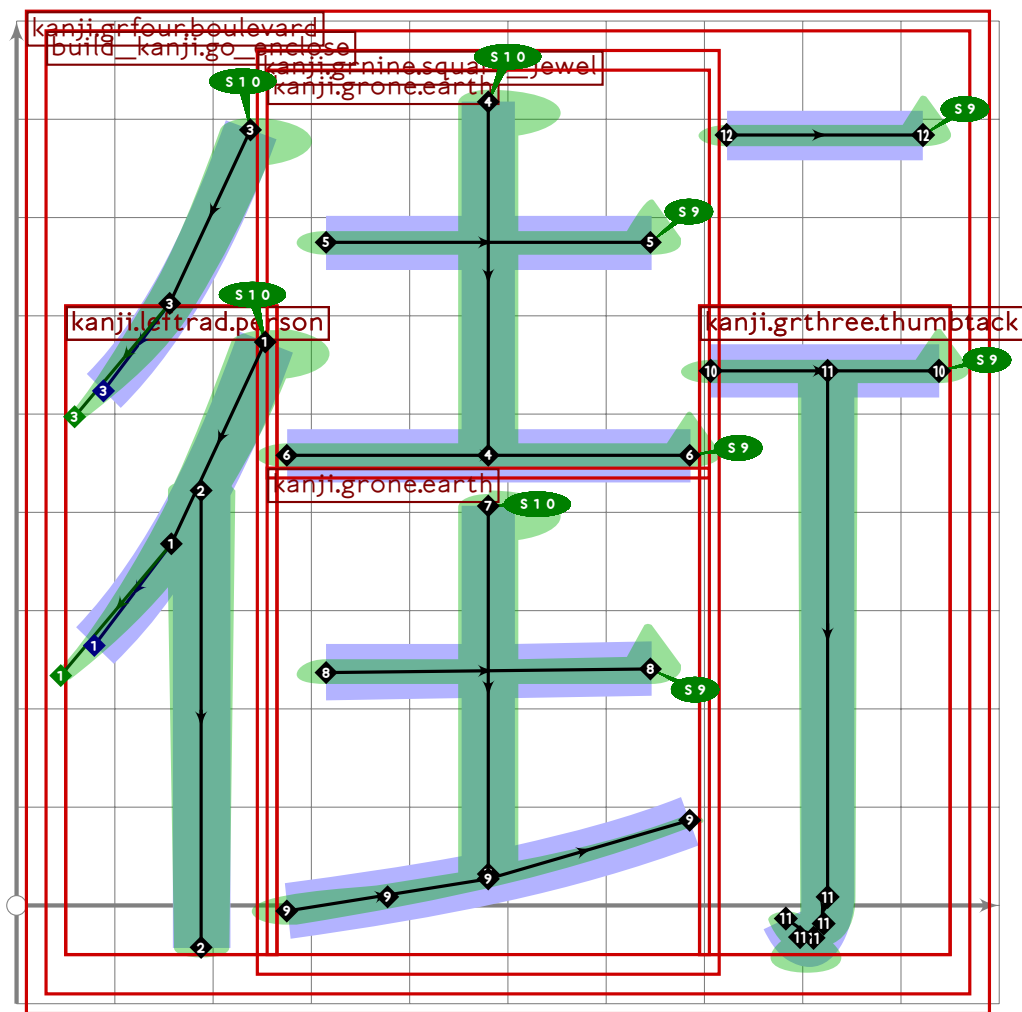
```
53
```

```
54
```



```

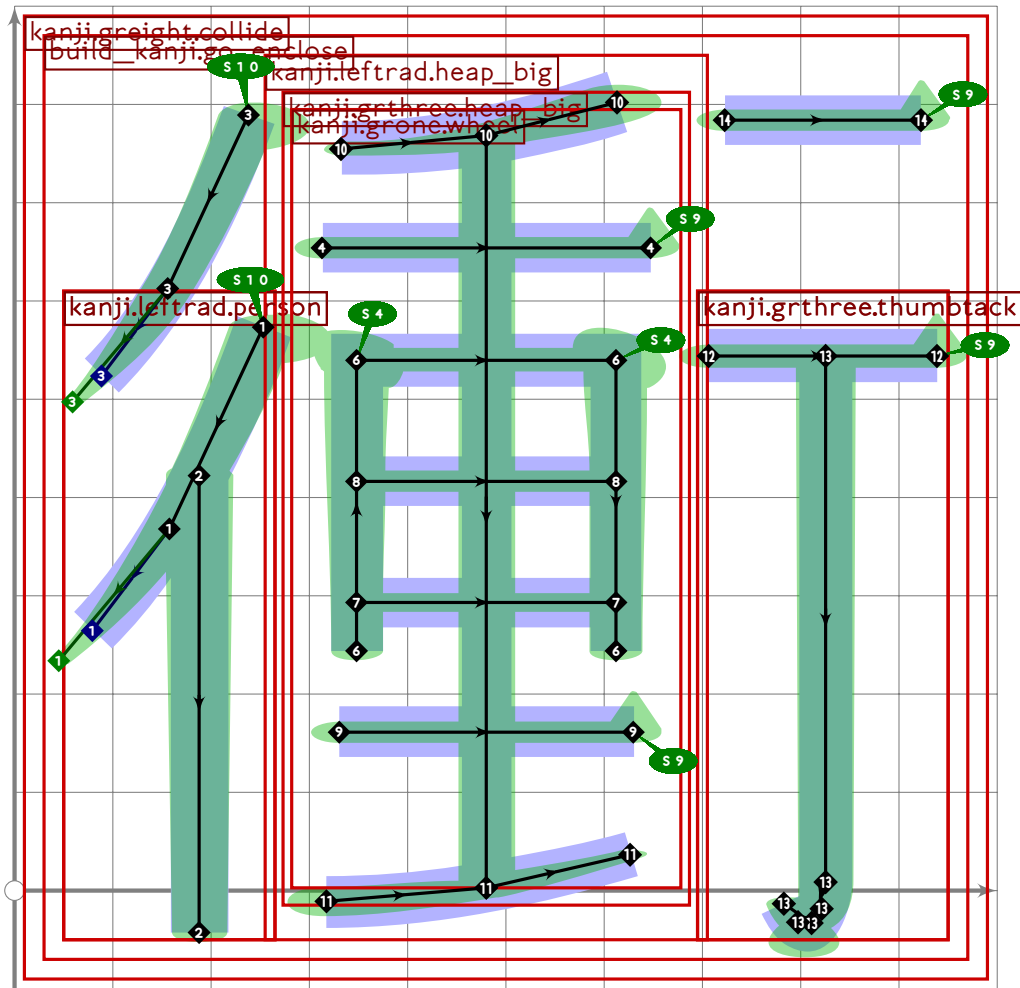
55
56 vardef kanji.grthree.blood =
57   push_pbox_toexpand("kanji.grthree.blood");
58   build_kanji.attach_tick(620)(kanji.grthree.dish);
59   expand_pbox;
60 enddef;
61
62
```



```

63
64 vardef kanji.grfour.boulevard =
65   push_pbox_toexpand("kanji.grfour.boulevard");
66   build_kanji.go_enclose(400,10)
67   (build_kanji.lift_skirt(250,100)(kanji.grnine.square_jewel));
68   expand_pbox;
69 enddef;
70
71

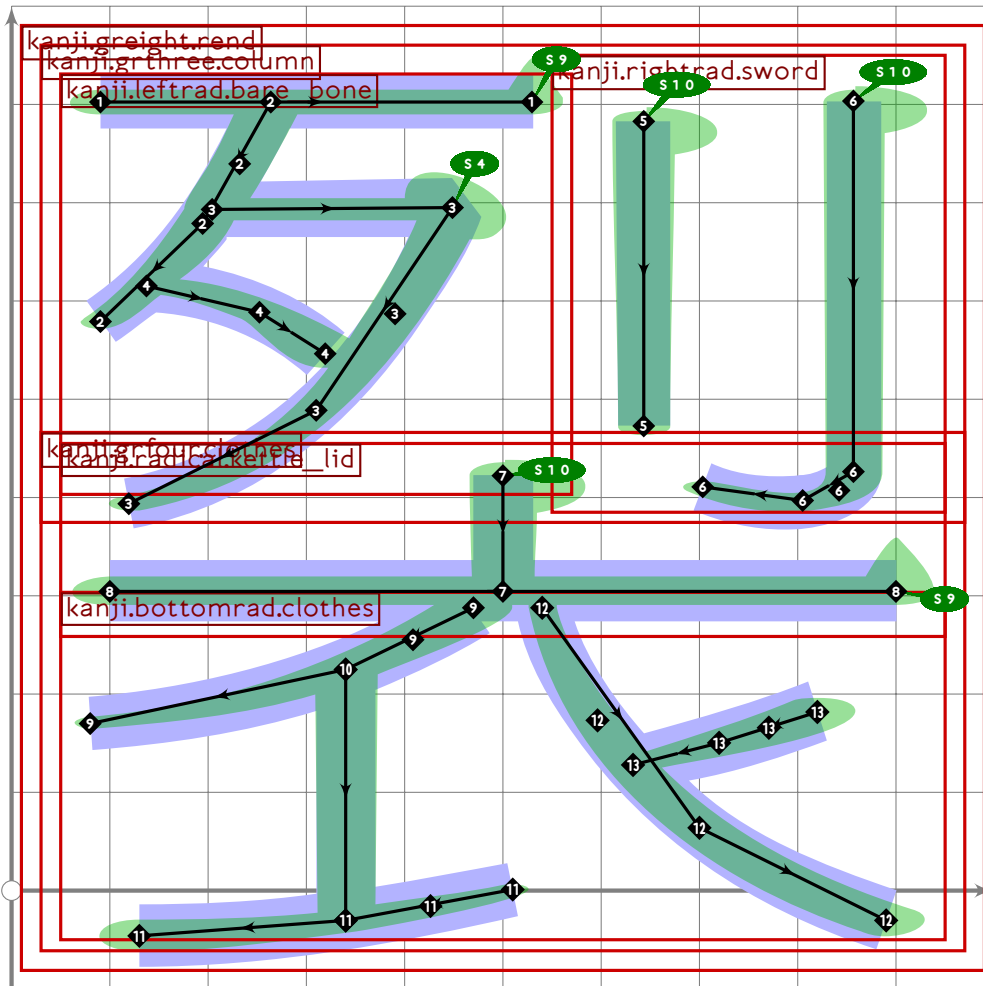
```



```

72
73 vardef kanji.greight.collide =
74   push_pbox_toexpand("kanji.greight.collide");
75   build_kanji.go_enclose(400,10)
76   (kanji.leftrad.heap_big);
77   expand_pbox;
78 enddef;

```



```

79
80 vardef kanji.greight.rend =
81   push_pbox_toexpand("kanji.greight.rend");
82   build_kanji.tb(420,70)
83   (kanji.grthree.column)
84   (kanji.grfour.clothes);
85   expand_pbox;
86 enddef;
87
88
89
90 vardef build_kanji.go_enclose(expr w,o)(text inside) =
91   push_pbox_toexpand("build_kanji.go_enclose");
92   build_kanji.lcr(480-w/2-20,o)(480+w/2+20,o)
93   (build_kanji.harmonic(240,0.86,50)(kanji.leftrad.person))
94   (inside)
95   (build_kanji.harmonic(240,0.86,50)(kanji.grthree.thumbtack));
96   expand_pbox;
97 enddef;
98
99

```

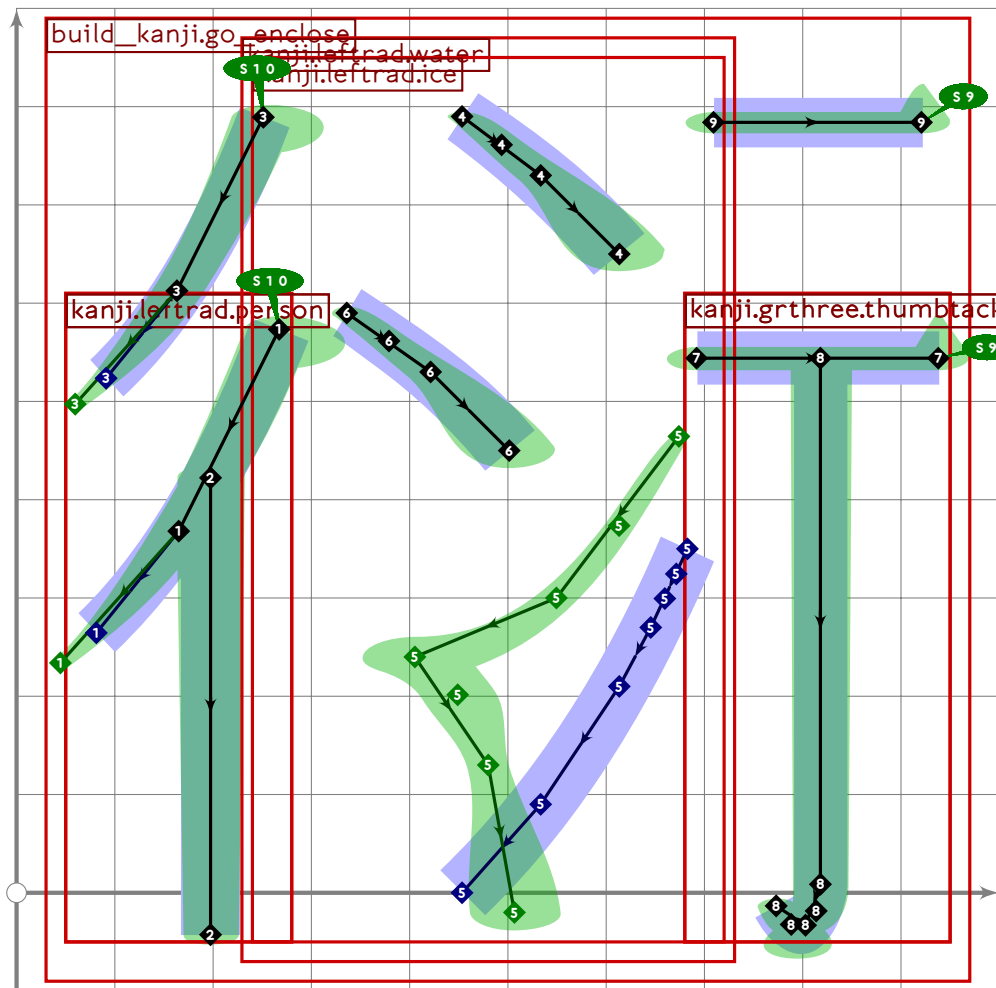
```

100
101 % ketsu/chi "blood"
102 begintsuglyph("uni8840";64);
103   kanji.grthree.blood;
104   tsu_render;
105 endtsuglyph;
106
107 % kou/i(ku) "go"
108 begintsuglyph("uni884C";76);
109   kanji.grtwo.go;
110   tsu_render;
111 endtsuglyph;
112

```

[see page 2665]

[see page 508]

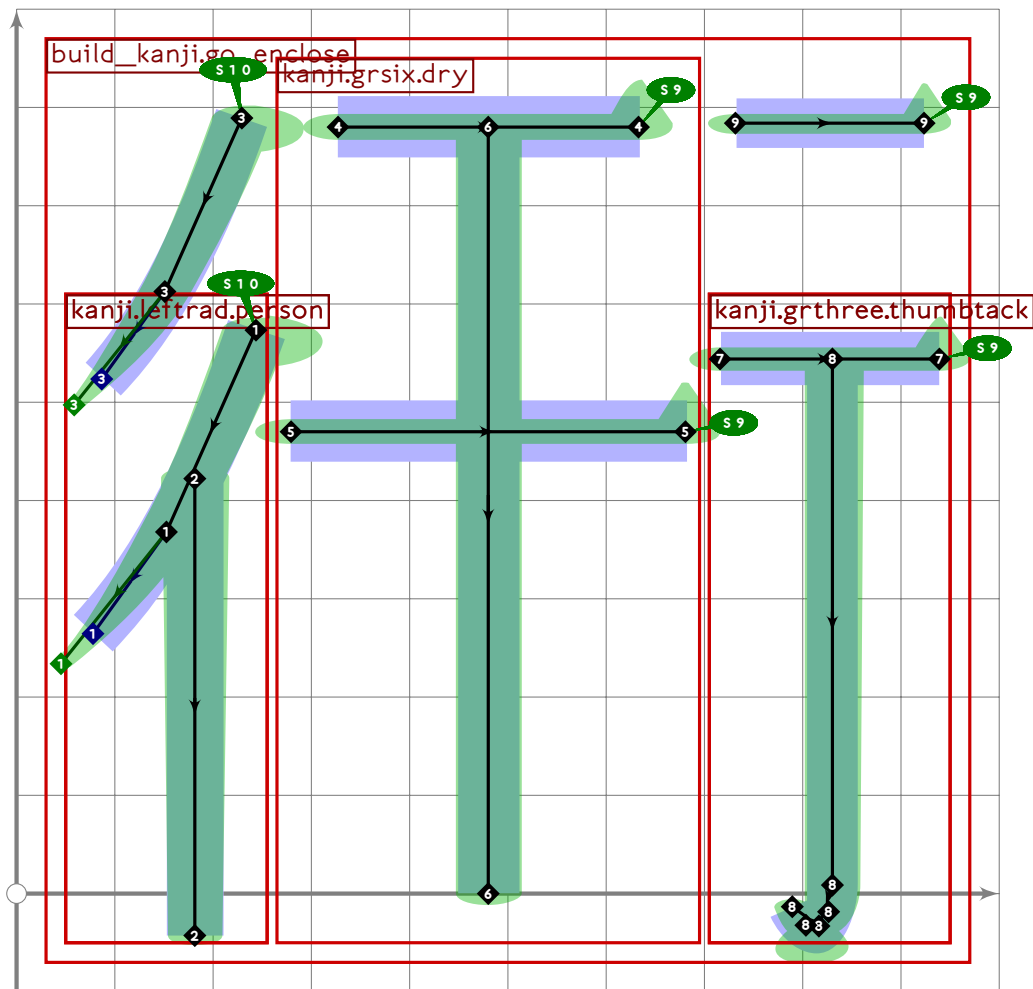


```

113 % extra: en/amari "overflow"
114 begintsuglyph("uni884D";77);
115   build_kanji.go_enclose(400,40)(kanji.leftrad.water);
116   tsu_render;
117 endtsuglyph;
118

```

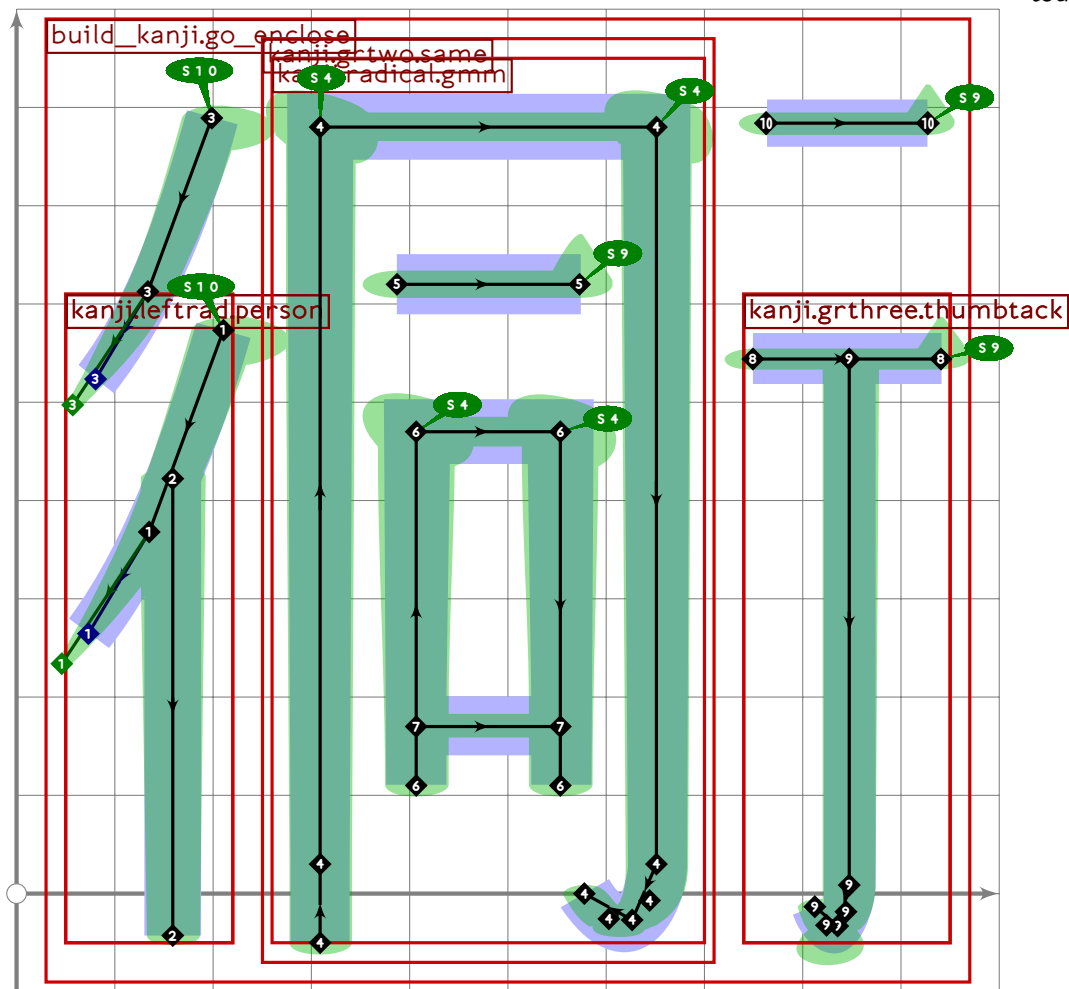
U+884E
tsuku.uni884E



```

119 % extra
120 begintsuglyph("uni884E";78);
121   build_kanji.go_enclose(400,10)(kanji.grsix.dry);
122   tsu_render;
123 endsuglyph;
124

```

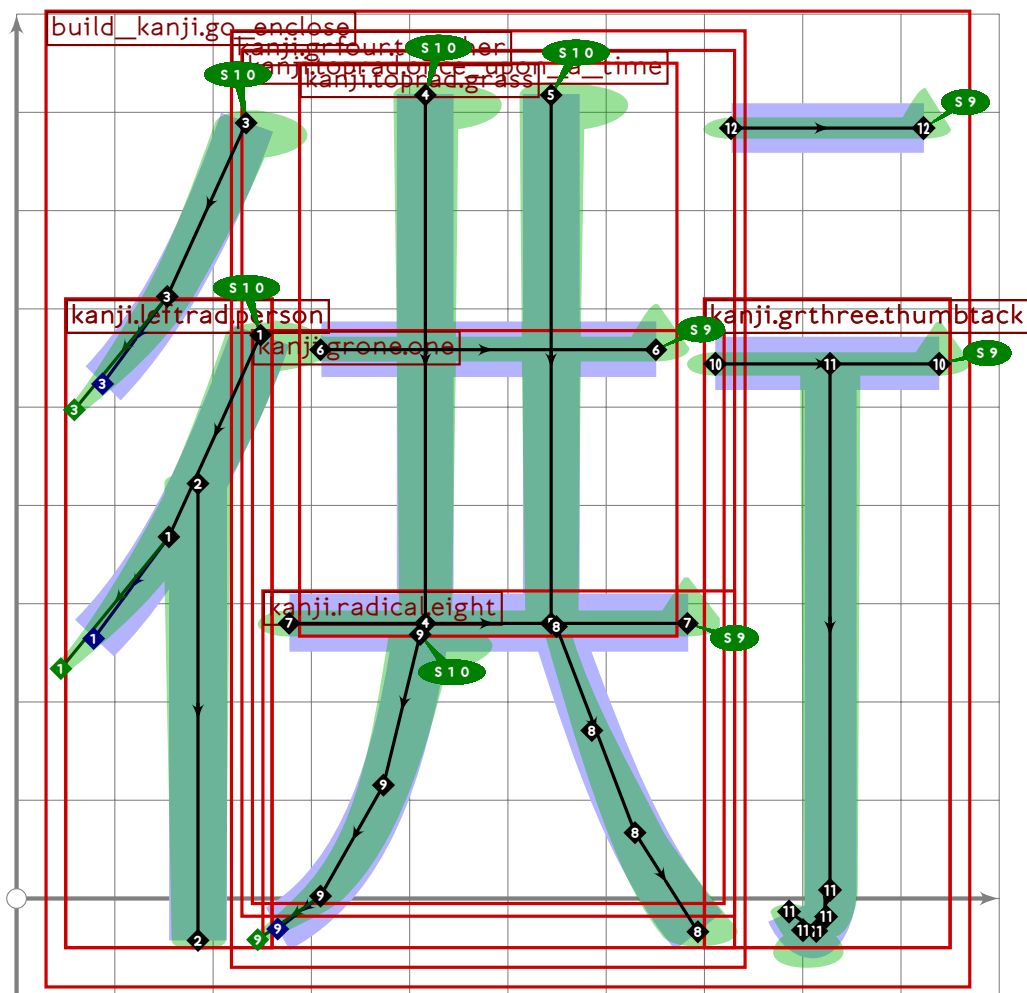


```

125 % extra
126 begintsuglyph("uni8855";85);
127   build_kanji.go_enclose(440,-40)(kanji.grtwo.same);
128   tsu_render;
129 endsuglyph;
130

```

U+8856
tsuku.uni8856

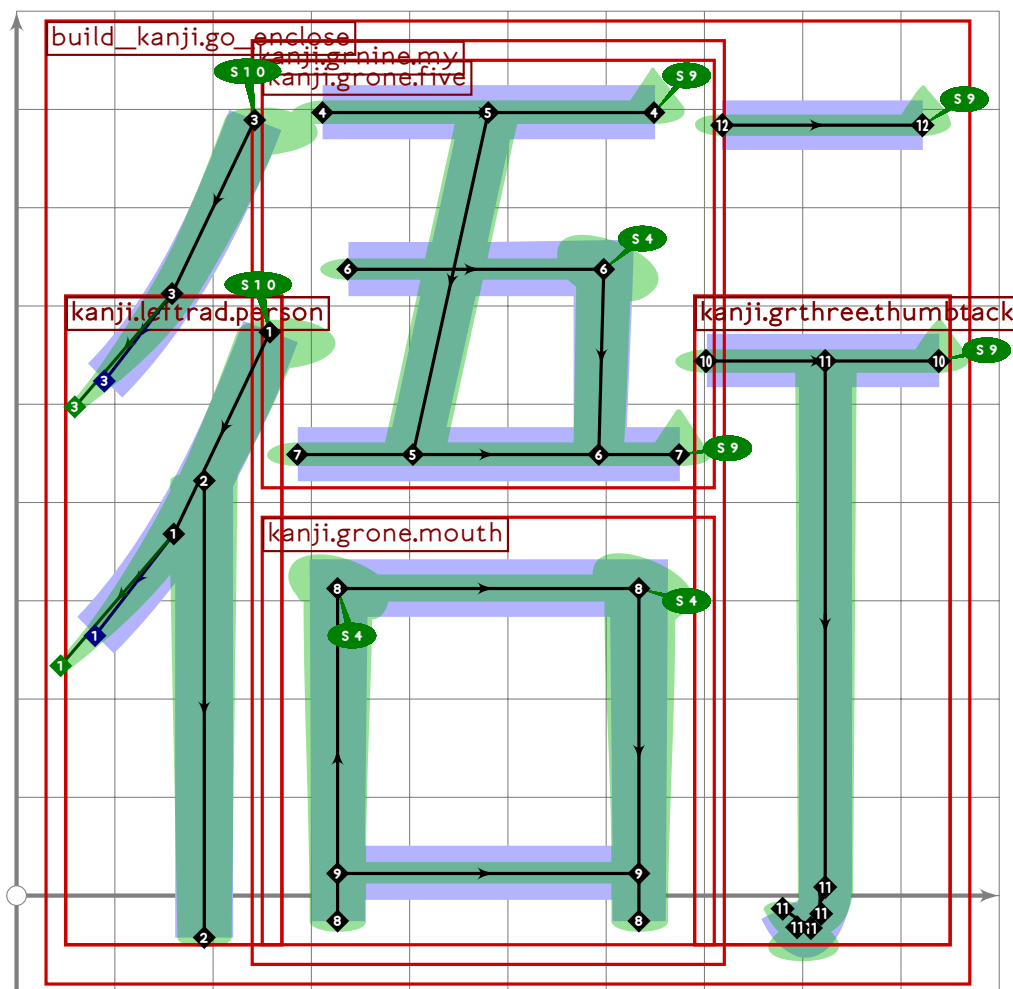


```

131 % extra
132 begintsuglyph("uni8856";86);
133   build_kanji.go_enclose(420,20)(kanji.grfour.together);
134   tsu_render;
135 endsuglyph;
136
137 % gai/machi "boulevard"
138 begintsuglyph("uni8857";87);
139   kanji.grfour.boulevard;
140   tsu_render;
141 endsuglyph;
142

```

[see page 2666]

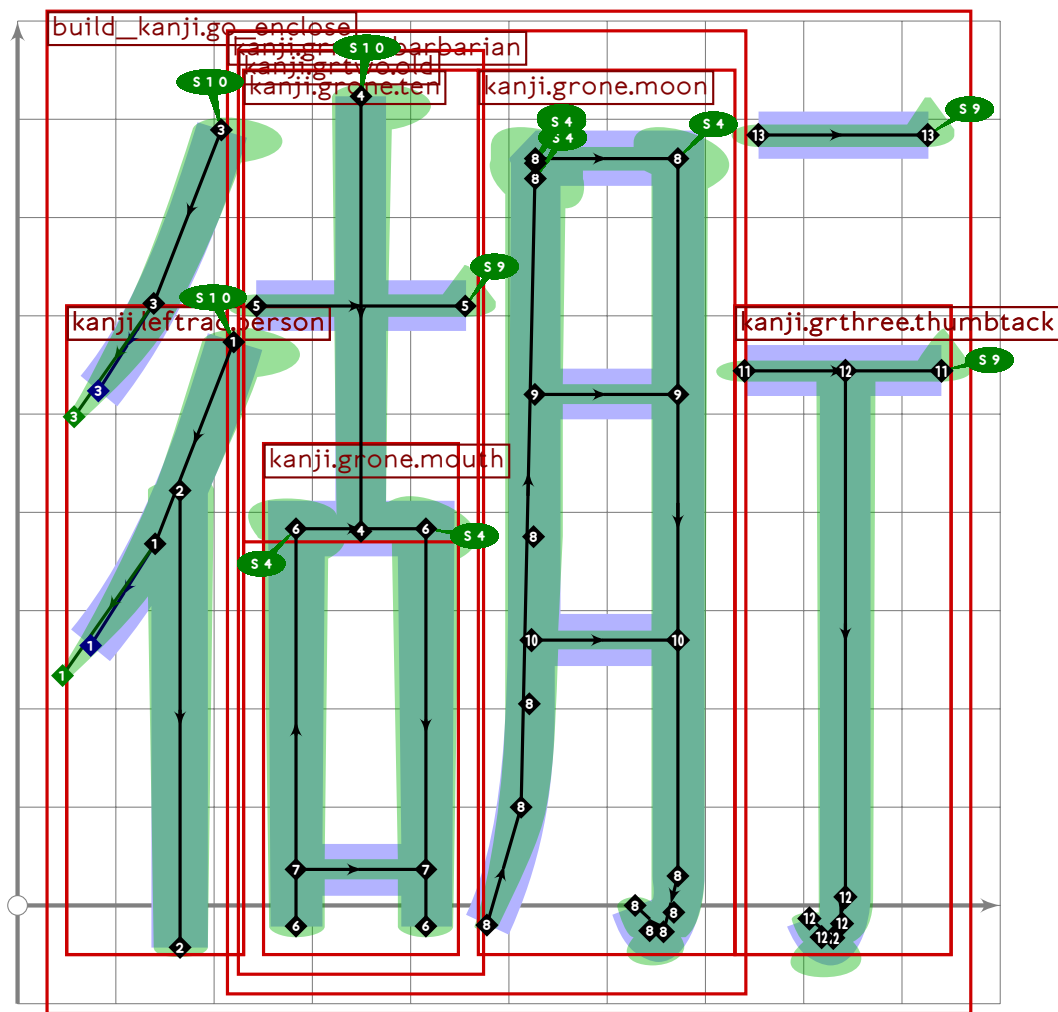


```

143 % extra: ga "government office"
144 begintsuglyph("uni8859";89);
145   build_kanji.go_enclose(400,20)(kanji.grnine.my);
146   tsu_render;
147 endtsuglyph;
148

```

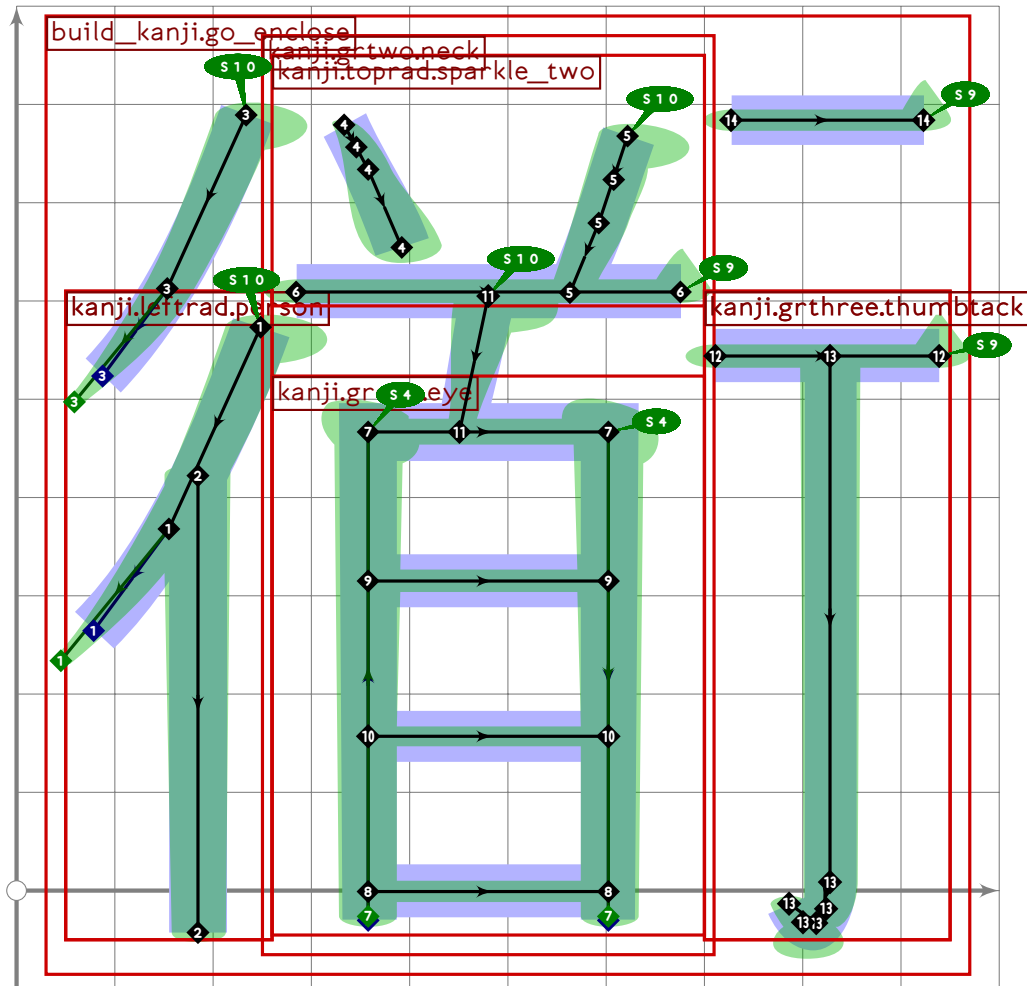
U+885A
tsuku.uni885A



```

149 % extra
150 begintuglyph("uni885A";90);
151   build_kanji.go_enclose(460,0)(kanji.grnine.barbarian);
152   tsu_render;
153 endtsuglyph;
154

```



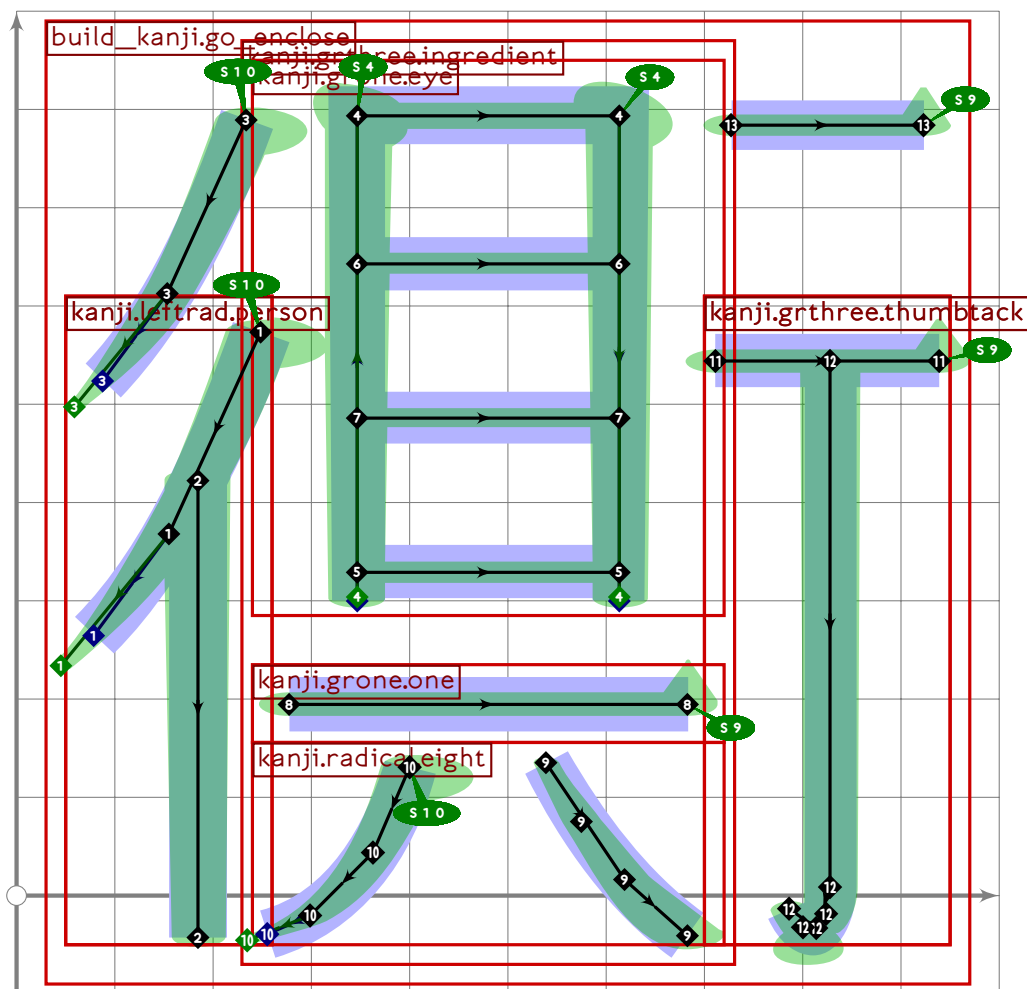
```

155 % extra
156 begintsuglyph("uni885C";92);
157   build_kanji.go_enclose(400,0)(kanji.grtwo.neck);
158   tsu_render;
159 endtsuglyph;
160
161 % shou/tsu "collide"
162 begintsuglyph("uni885D";93);
163   kanji.greight.collide;
164   tsu_render;
165 endtsuglyph;
166

```

[see page 2667]

U+8860
tsuku.uni8860

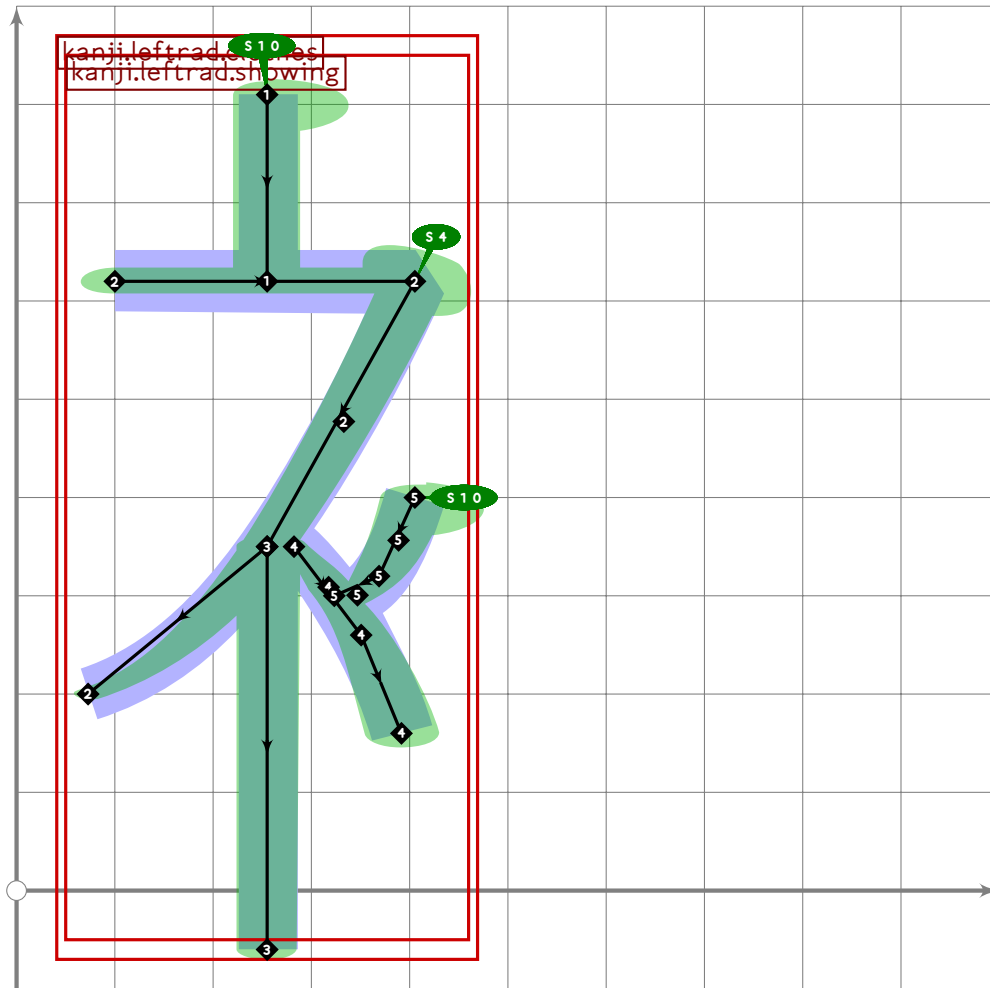


```

167 % extra
168 begintsuglyph("uni8860";96);
169   build_kanji.go_enclose(420,20)(kanji.grthree.ingredient);
170   tsu_render;
171 endtsuglyph;
172
173 % i/koromo "clothes"
174 begintsuglyph("uni8863";99);
175   kanji.grfour.clothes;
176   tsu_render;
177 endtsuglyph;
178

```

[see page 611]



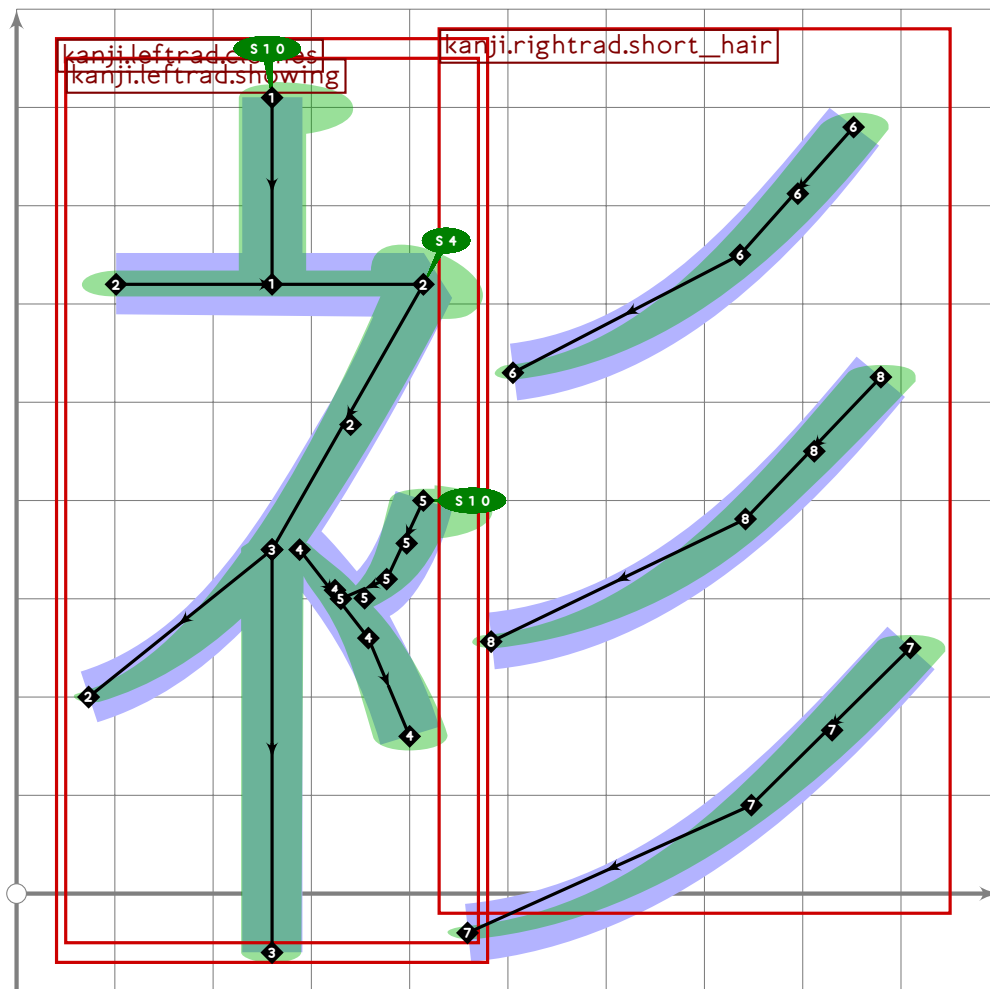
```

179 % extra "clothes left radical"
180 begintsuglyph("uni8864";100);
181   build_kanji.lr(450,20)
182   (kanji.leftrad.clothes)
183   ();
184   tsu_render;
185 endtsuglyph;
186
187 % hyou/omote "surface"
188 begintsuglyph("uni8868";104);
189   kanji.grthree.surface;
190   tsu_render;
191 endtsuglyph;
192

```

[see page 595]

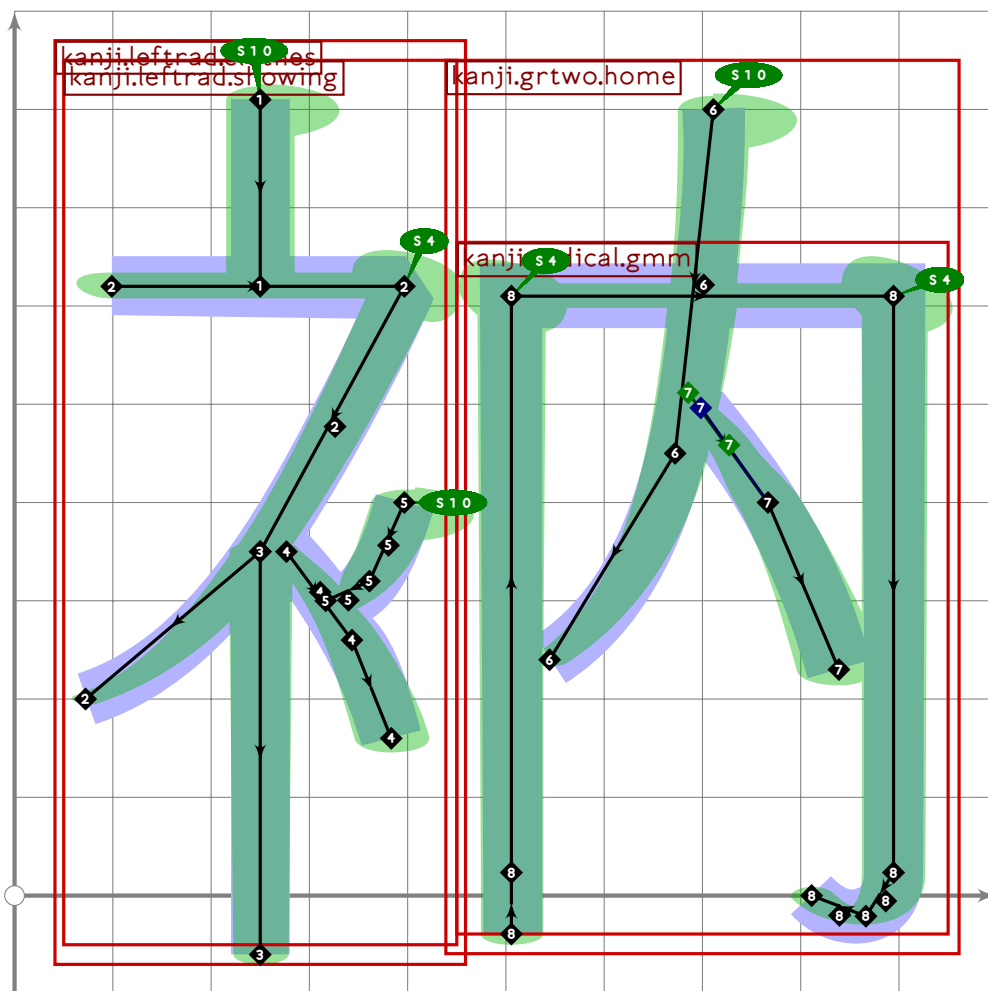
U+886B
tsuku.uni886B



```

193 % extra: sen "thin kimono"
194 begintsuglyph("uni886B";107);
195   build_kanji.lr(450,40)
196     (kanji.leftrad.clothes)
197     (build_kanji.sscale(shifted (0,30))(kanji.rightrad.short_hair));
198   tsu_render;
199 endtsuglyph;
200

```

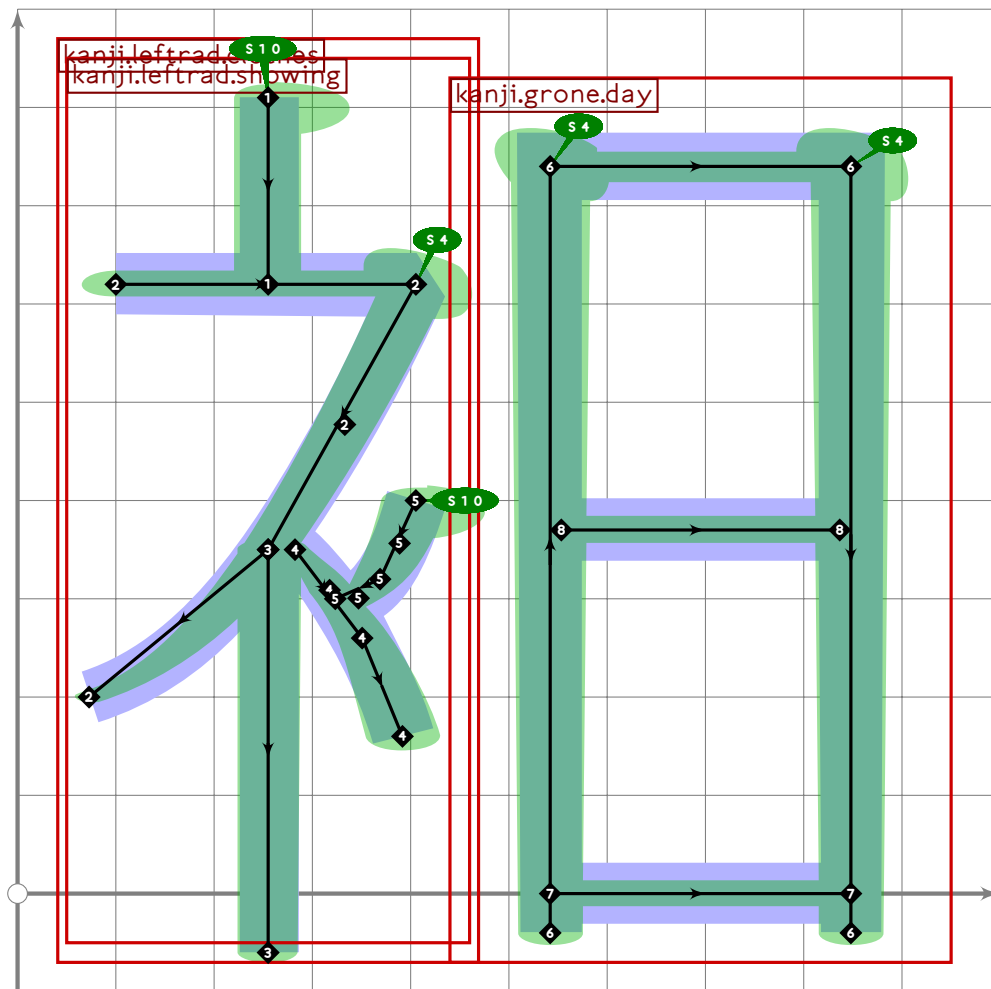


```

201 % extra: dou/koromo "priestly vestaments"
202 begintsuglyph("uni8872";114);
203   build_kanji.lr(450,0)
204     (kanji.leftrad.clothes)
205     (kanji.grtwo.home);
206   tsu_render;
207 endtsuglyph;
208

```

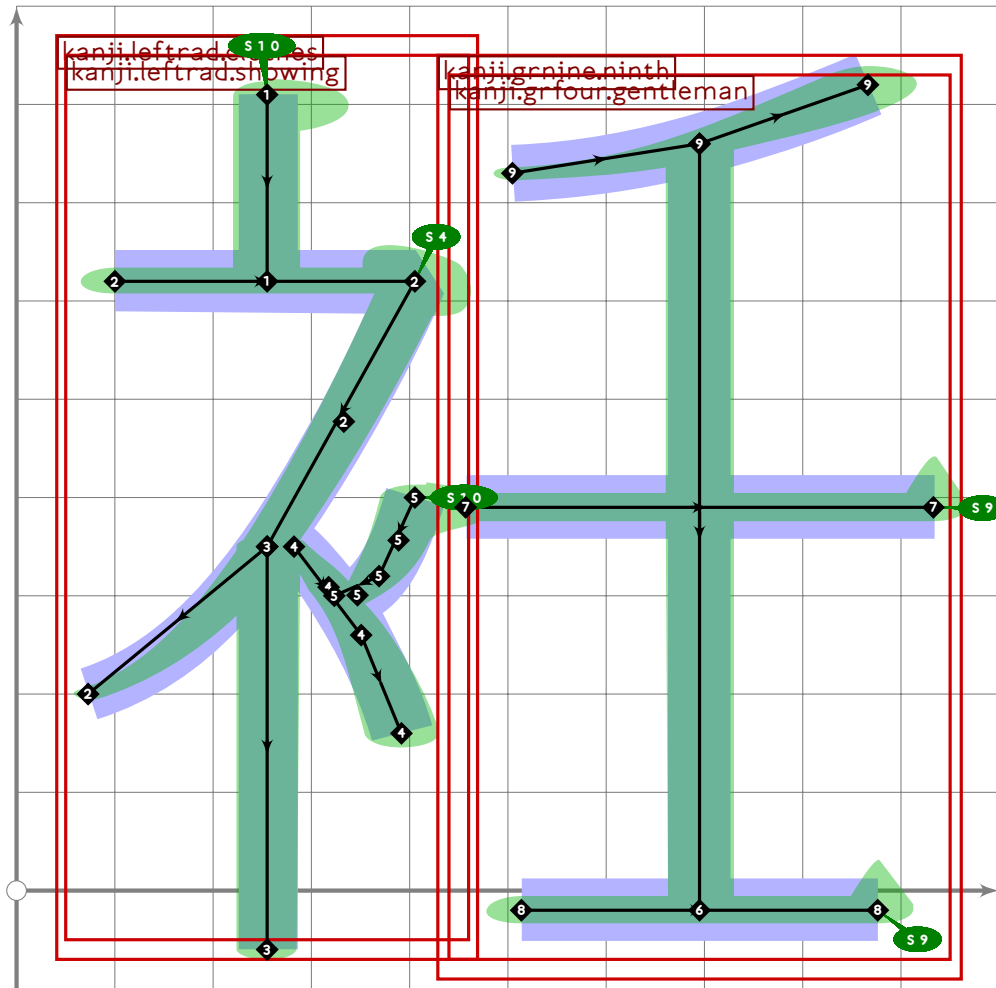
U+8875
tsuku.uni8875



```

209 % extra: jitsu/akume "everyday clothing"
210 begintsuglyph("uni8875";117);
211   build_kanji.lr(450,20)
212     (kanji.leftrad.clothes)
213     (build_kanji.sscale(shifted (0;-20))(kanji.grone.day));
214   tsu_render;
215 endtsuglyph;
216

```

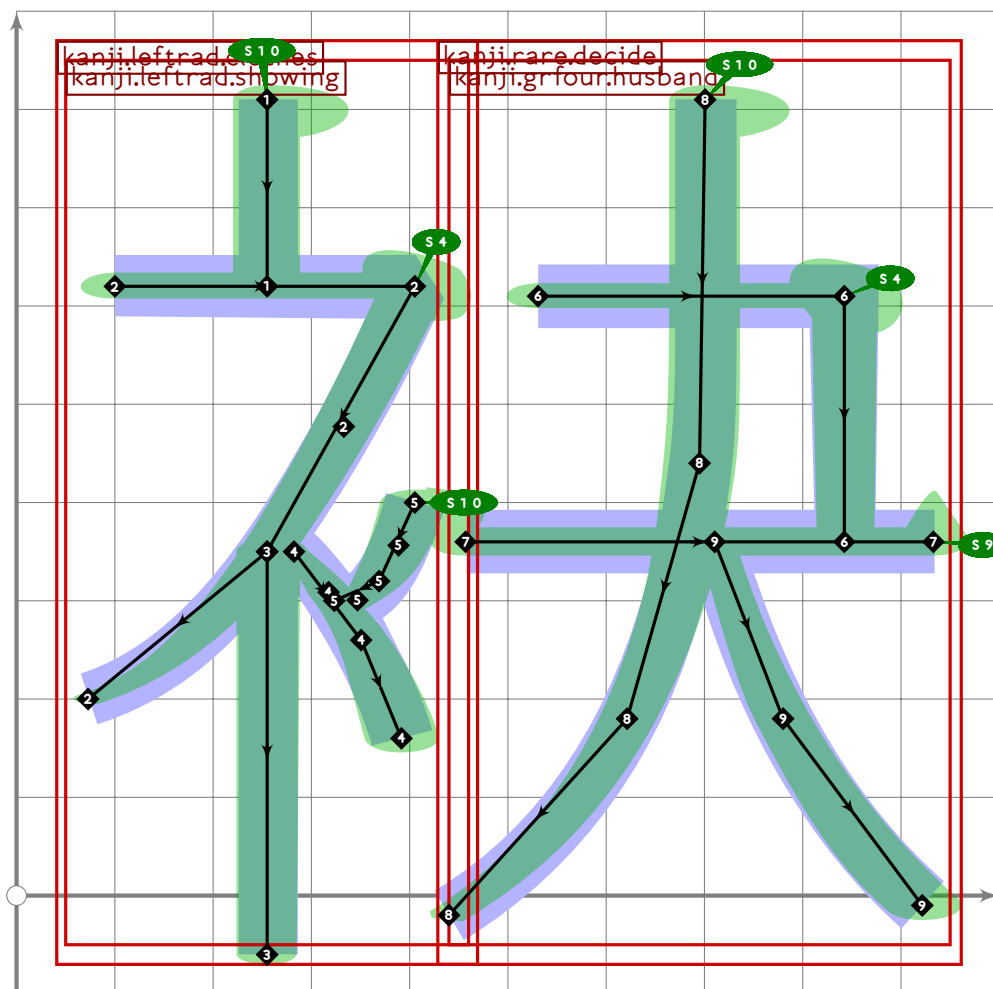


```

217 % extra: jin/kokube "gusset"
218 begintsuglyph("uni887D",125);
219   build_kanji.lr(450,20)
220     (kanji.leftrad.clothes)
221     (build_kanji.sscale(shifted (0,-20))(kanji.grnine.ninth));
222   tsu_render;
223 endtsuglyph;
224
225 % :kanjivg.eids:<\X887F>[lr]\X8864<\X4ECA>[tb]\X4EBA(anything)
226 % grnine.neck
227

```

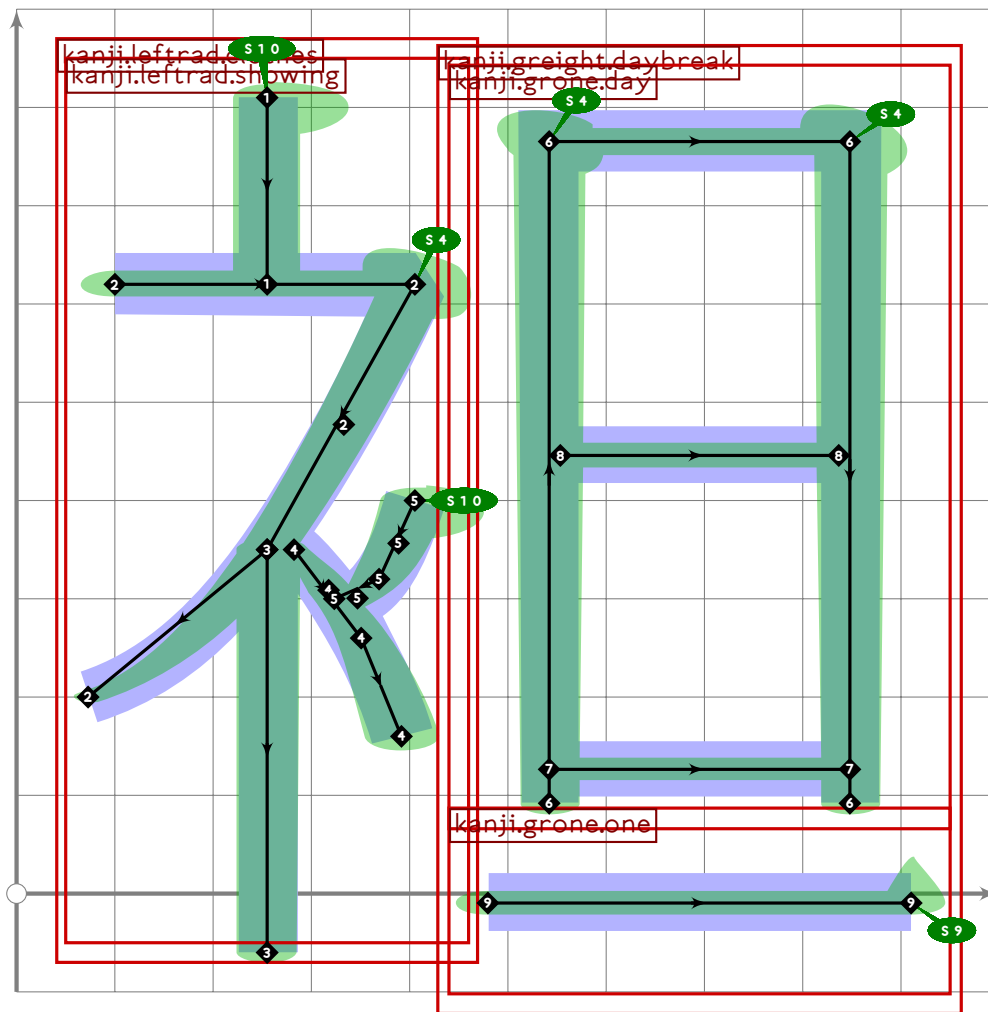
U+8882
tsuku.uni8882



```

228 % extra: bei/tamato "sleeve"
229 begintsuglyph("uni8882",130);
230   build_kanji.lr(450,20)
231     (kanji.leftrad.clothes)
232     (kanji.rare.decide);
233   tsu_render;
234 endtsuglyph;
235

```



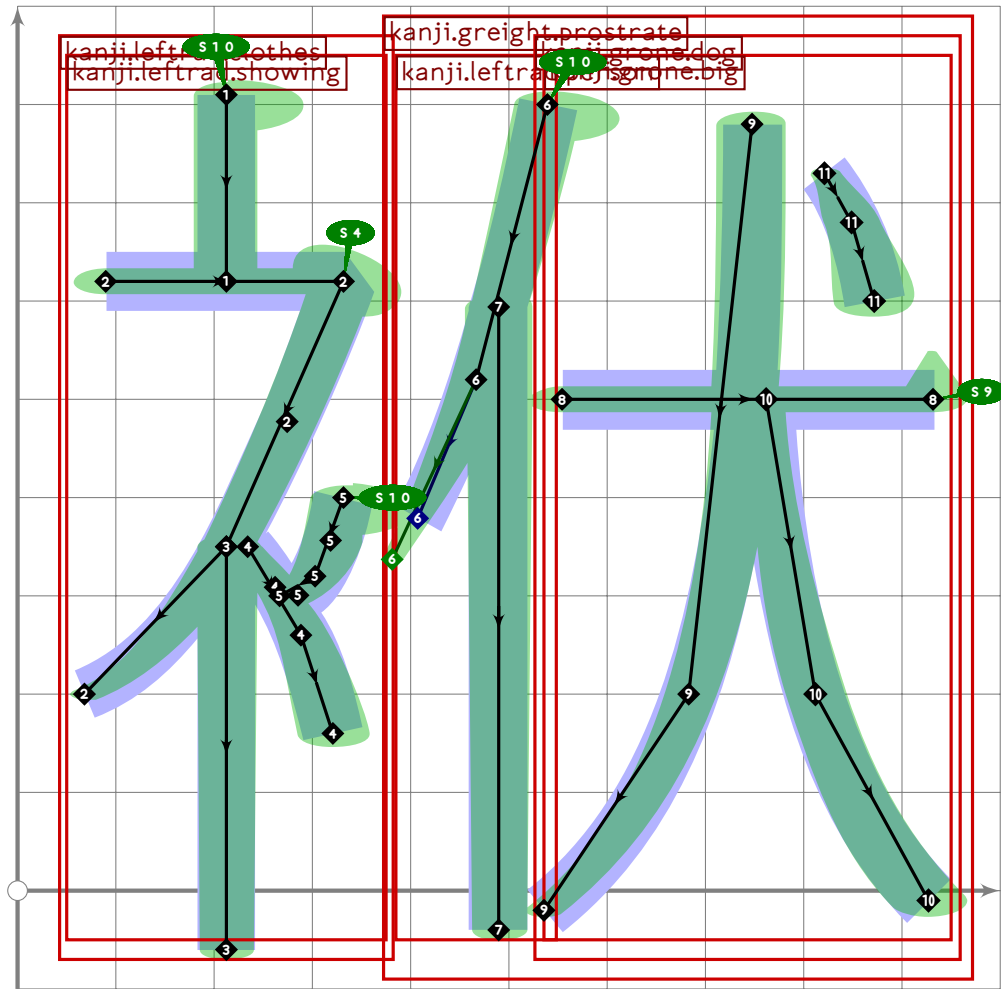
```

236 % extra: tan/katanu "baring the shoulder"
237 begintsuglyph("uni8892";146);
238   build_kanji.lr(450,20)
239     (kanji.leftrad.clothes)
240     (kanji.greight.daybreak);
241   tsu_render;
242 endtsuglyph;
243
244 % :kanjivg.eids:<\X8896>[lr]\X8864\X7531
245 % greight.sleeve
246
247 % extra: han "summer kimono"
248 % not quite right - this code is Chinese style, needs slant dir change
249 % begintsuglyph("uni88A2";162);
250 % build_kanji.level(build_kanji.lr(450,20)
251 % (kanji.leftrad.clothes)
252 % (kanji.grtwo.half));
253 % tsu_render;
254 % endtsuglyph;
255
256 % :kanjivg.eids:<\X88AB>[lr]\X8864\X76AE

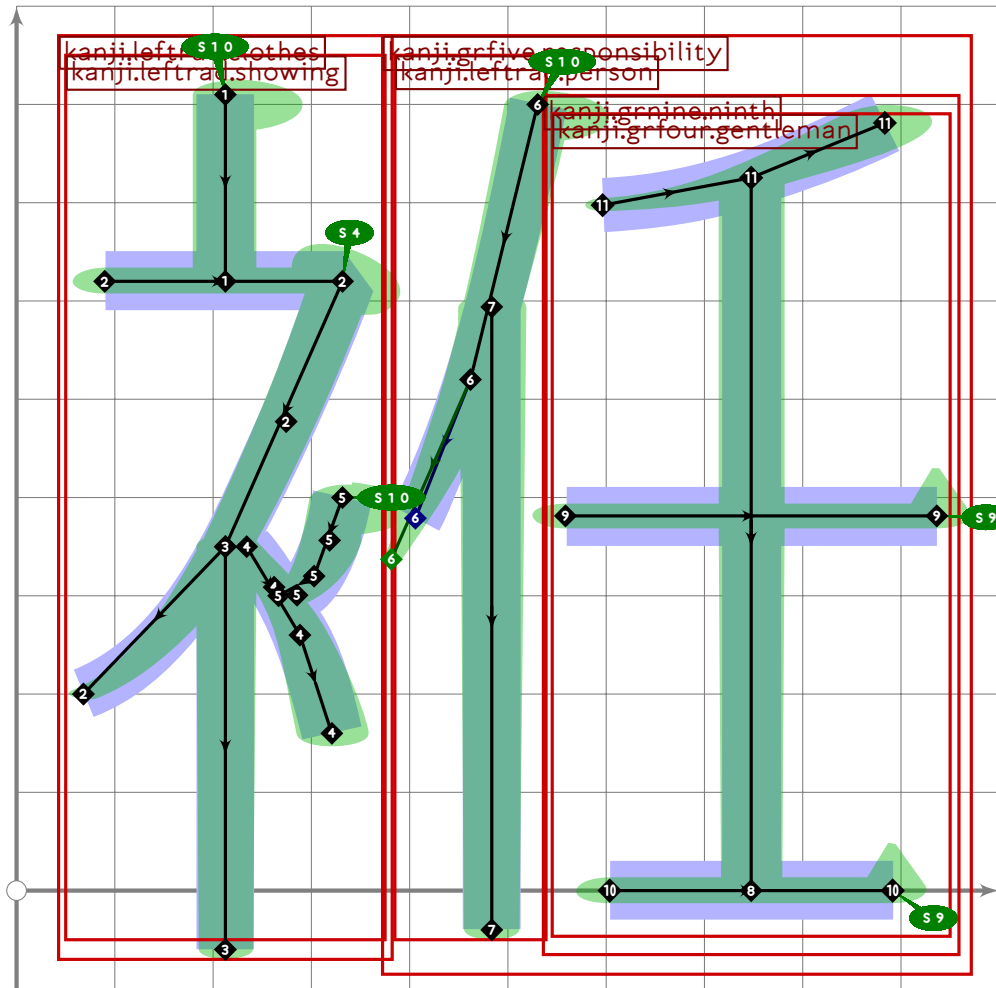
```

U+88B1
tsuku.uni88B1

257 % greight.brood_over
258



259 % extra: fuku "cloth wrapper"
260 begintsuglyph("uni88B1";177);
261 build_kanji.lr(380,-10)
262 (kanji.leftrad.clothes)
263 (kanji.greight.prostrate);
264 tsu_render;
265 endsuglyph;
266

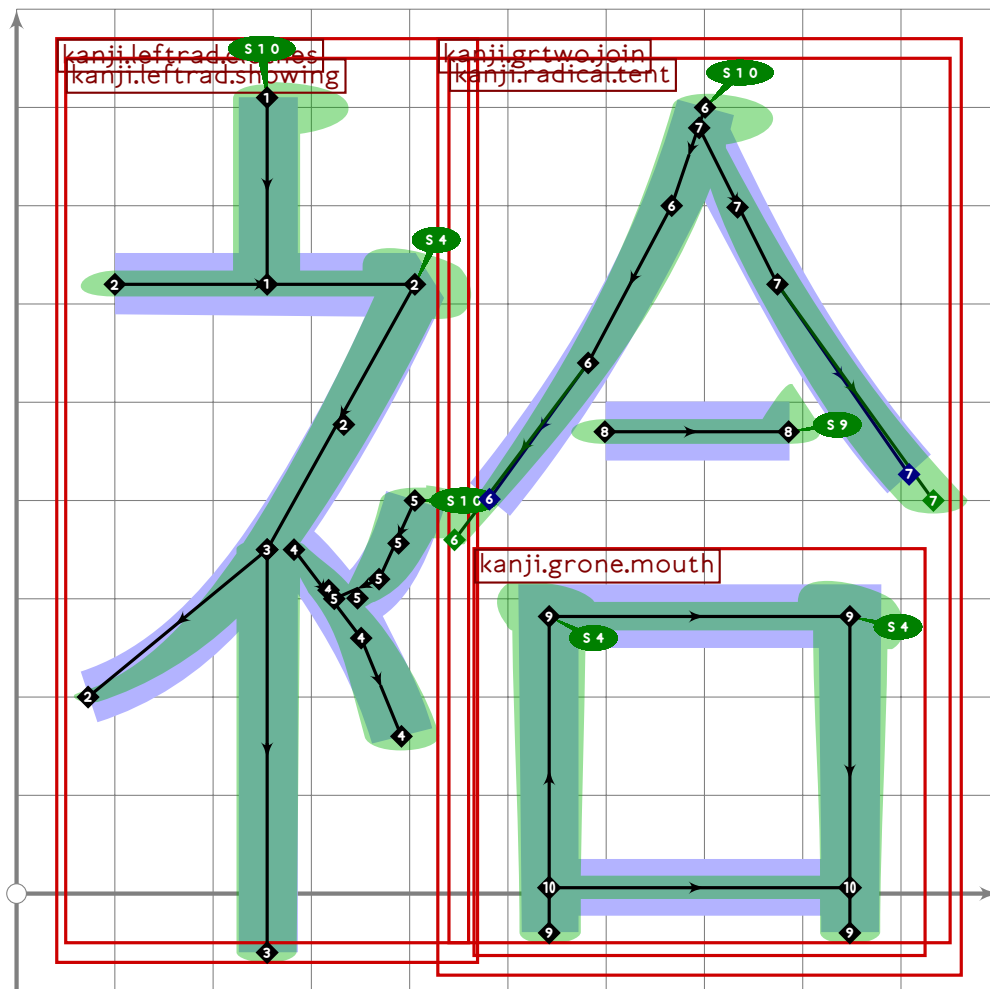


```

267 % extra: jin/kokubi "gusset"
268 begintsuglyph("uni88B5",181);
269   build_kanji.lr(380,-10)
270     (kanji.leftrad.clothes)
271     (kanji.grfive.responsibility);
272   tsu_render;
273 endtsuglyph;
274

```

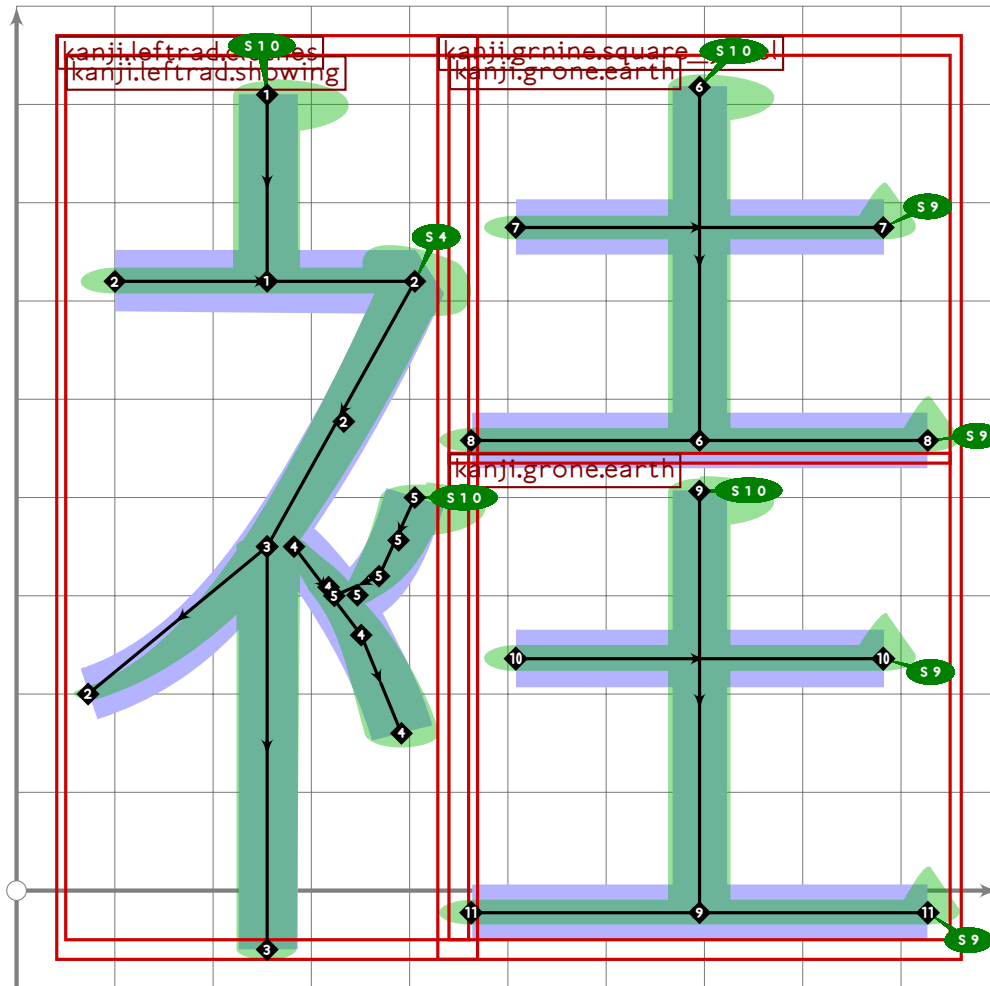
U+88B7
tsuku.uni88B7



```

275 % extra: kou/awase "lined kimono"
276 begintsuglyph("uni88B7",183);
277   build_kanji.lr(450,20)
278     (kanji.leftrad.clothes)
279     (kanji.grtwo.join);
280   tsu_render;
281 endtsuglyph;
282

```



283 % extra: kei/uchiki "Heian Period court clothing"

284 begintsuglyph("uni88BF",191);

285 build_kanji.lr(450,20)

286 (kanji.leftrad.clothes)

287 (kanji.grnine.square_jewel);

288 tsu_render;

289 endtsuglyph;

290

291 % retsu/sa "rend"

292 begintsuglyph("uni88C2",194);

293 kanji.greight.rend;

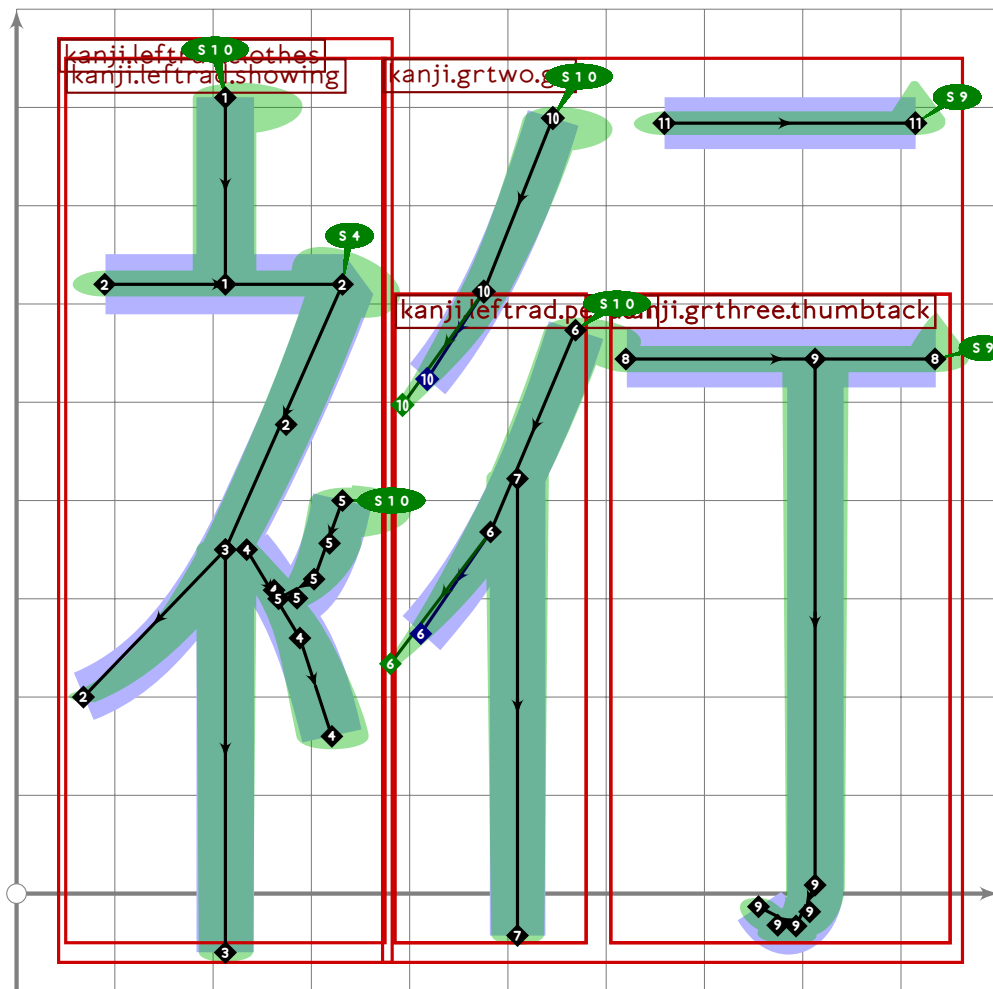
294 tsu_render;

295 endtsuglyph;

296

[see page 2668]

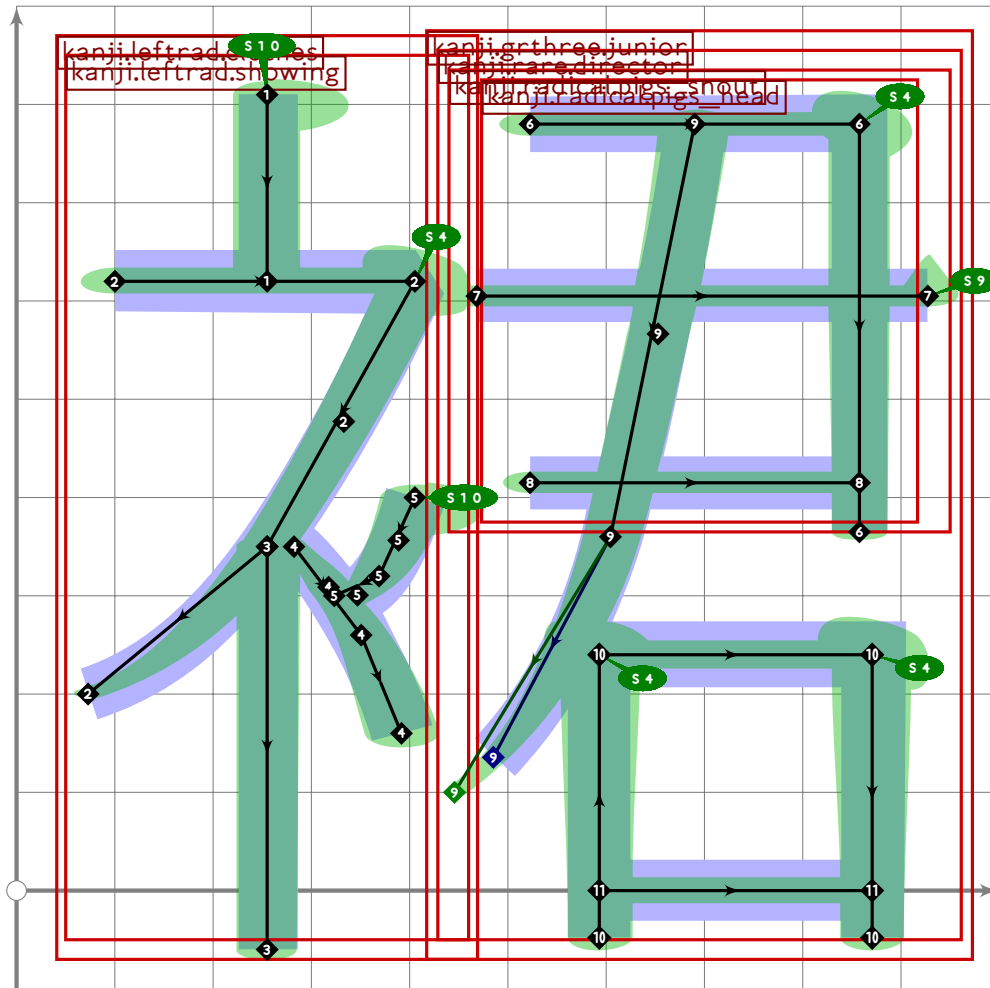
U+88C4
tsuku.uni88C4



```

297 % extra: yuki "sleeve length"
298 begintsuglyph("uni88C4";196);
299   build_kanji.lr(380,-10)
300     (kanji.leftrad.clothes)
301     (kanji.grtwo.go);
302   tsu_render;
303 endtsuglyph;
304
305 % :kanjivg.eids:<\X88D5>[lr]\X8864<\X8C37>[tb](anything)(anything)
306 % greight.abundant
307

```

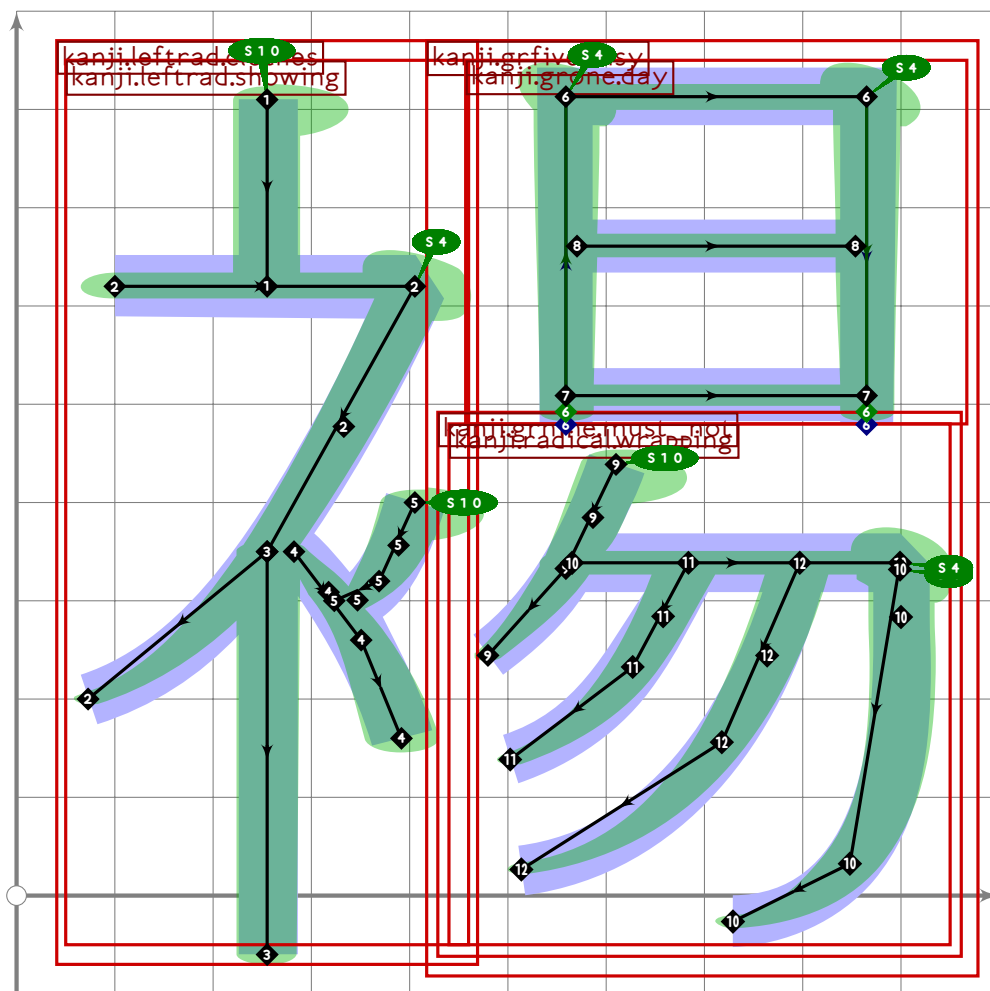


```

308 % extra: kun/mosuso "underwear"
309 begintsuglyph("uni88D9";217);
310   build_kanji.lr(450,20)
311     (kanji.leftrad.clothes)
312     (kanji.grthree.junior);
313   tsu_render;
314 endtsuglyph;
315
316 % :kanjivg.eids:<\X88E1>[lr]\X8864\X91CC
317 % grnine.reverse
318
319 % :kanjivg.eids:<\X88F8>[lr]\X8864\X679C
320 % greight.nude
321

```

U+88FC
tsuku.uni88FC



```

322 % extra: seki/hadanu "bare the shoulder"
323 begintsuglyph("uni88FC";252);
324   build_kanji.lr(450,20)
325     (kanji.leftrad.clothes)
326     (kanji.grfive.easy);
327   tsu_render;
328 endtsuglyph;
329
330 % :kanjivg.eids:<\X88FE>[lr]\X8864<\X5C45>[wrapul]\X5C38<\X53E4>[tb]\X5341\X53E3
331 % greight.cuff
332
333 _____
334
335 endfont;
336
337 _____

```

tsuku-89.mp

```
1 %
2 % Unicode page 89 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

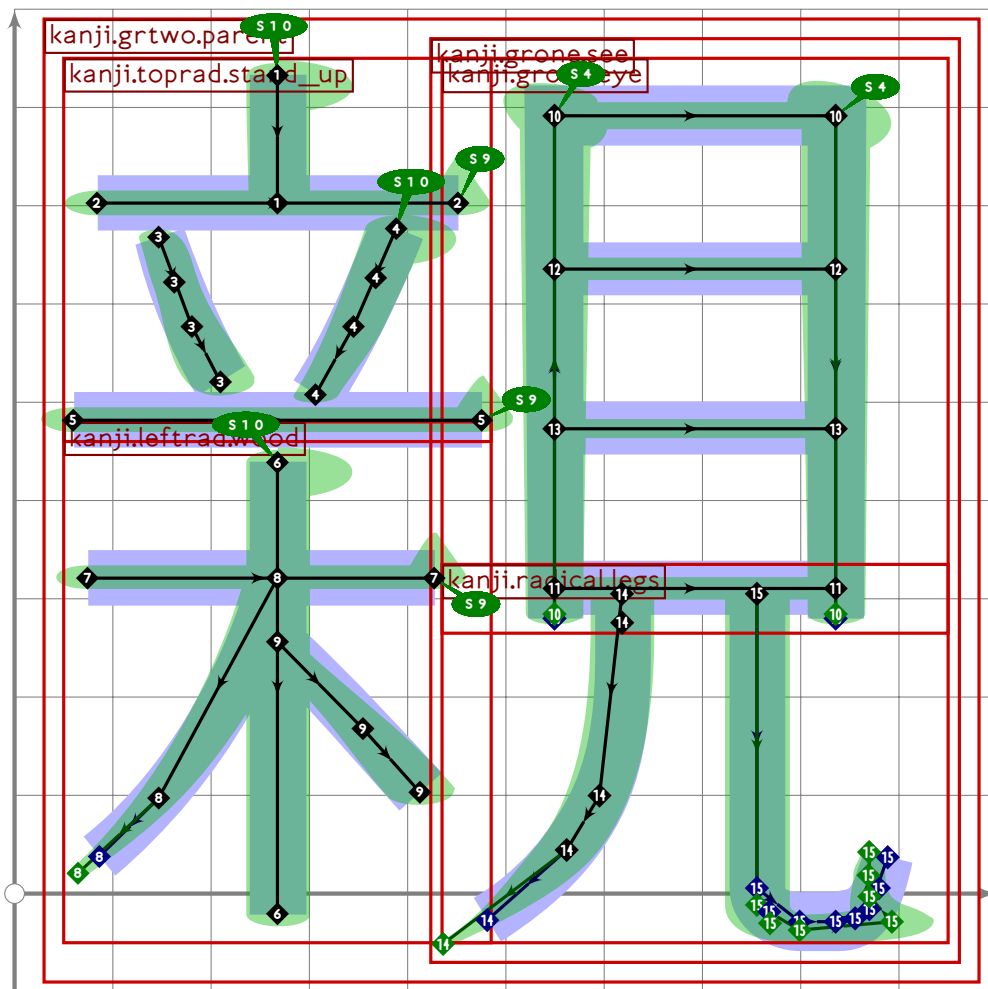
---


32
33 beginfont
34
35 % AUTODEPS
36 input bkencl.mp;
37 input buildkanji.mp;
38 input gradefive.mp;
39 input gradefour.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 

---


```

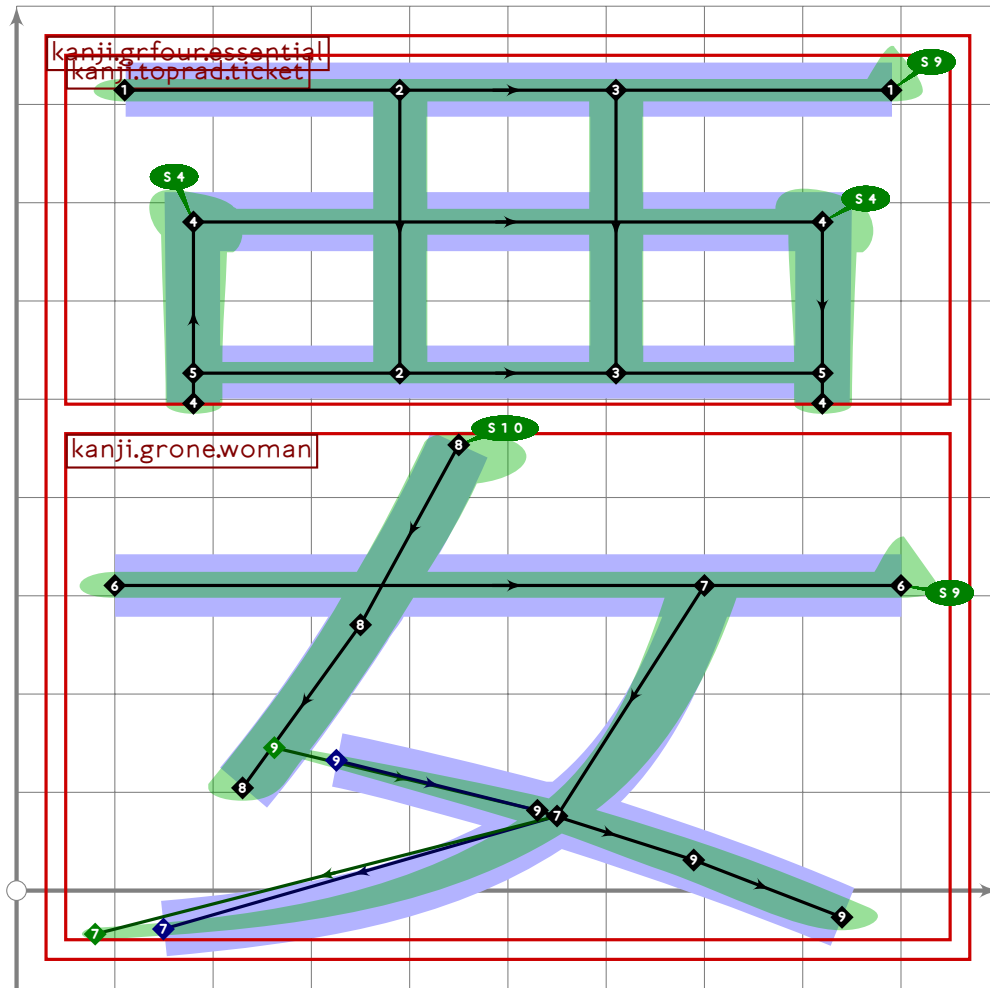
U+89AA
tsuku.uni89AA



```

51
52 vardef kanji.grtwo.parent =
53   push_pbox_toexpand("kanji.grtwo.parent");
54   build_kanji.level(build_kanji.lr(460,50)
55     (build_kanji.tb(470,20)
56       (kanji.toprad.stand_up)
57       (kanji.leftrad.wood))
58     (kanji.grone.see));
59   expand_pbox;
60 enddef;
61
62

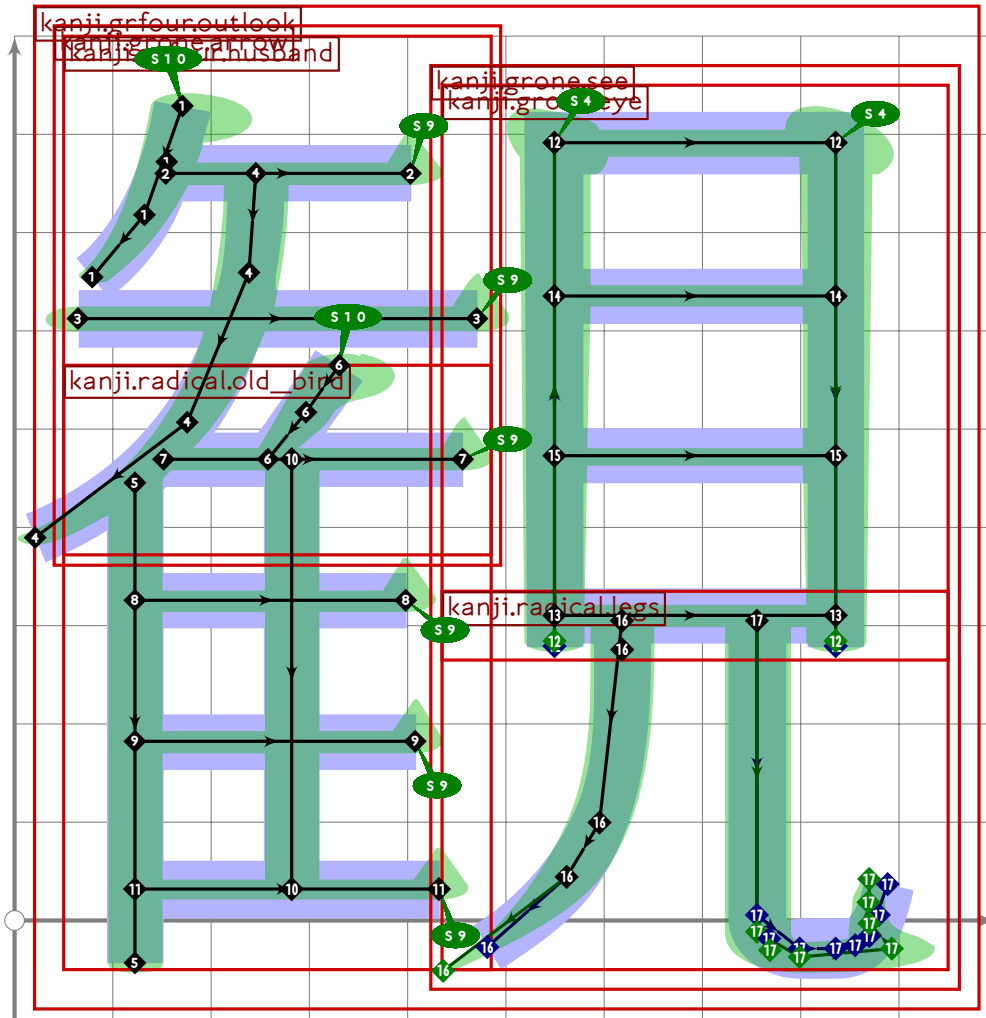
```



```

63
64 vardef kanji.grfour.essential =
65   push_pbox_toexpand("kanji.grfour.essential");
66   build_kanji.tb(480,30)
67     (kanji.toprad.ticket)
68     (kanji.grone.woman);
69   expand_pbox;
70 enddef;

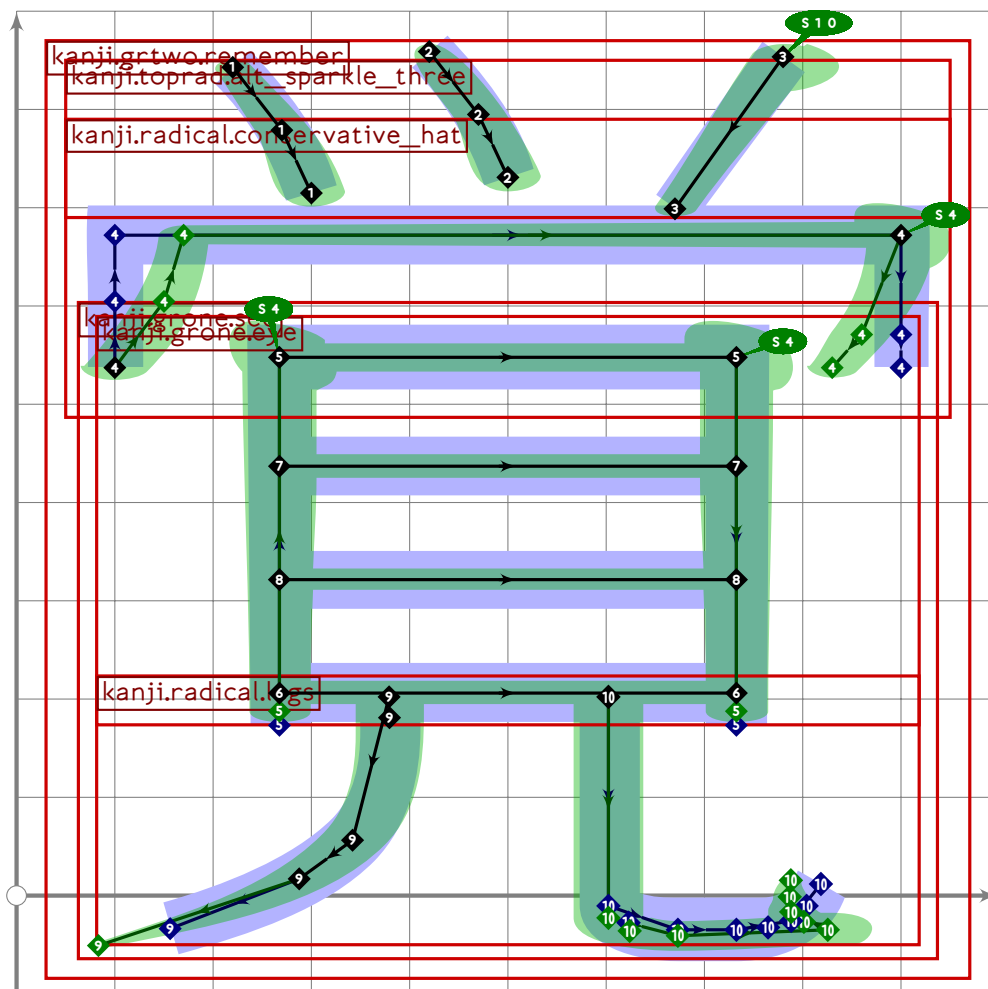
```



```

71
72 vardef kanji.grfour.outlook =
73   push_pbox_toexpand("kanji.grfour.outlook");
74   build_kanji.level(build_kanji.lr(460,50)
75     (build_kanji.tb(470,190)
76       (kanji.grtwo.arrow;
77         replace_stroke(-1)(oldp shifted (-60,0));
78         obstacktype[find_whatsoever(otstroke,0)]:=otnull)
79       (kanji.radical.old_bird;
80         obstacktype[find_whatsoever(otstroke,7)]:=otnull;
81         replace_stroke(-6)(point 0 of oldp+(0,15)-point 1 of oldp);
82         replace_stroke(-4)(point 0 of oldp+(30,0)-point 1 of oldp)))
83     (kanji.grone.see));
84   expand_pbox;
85 enddef;

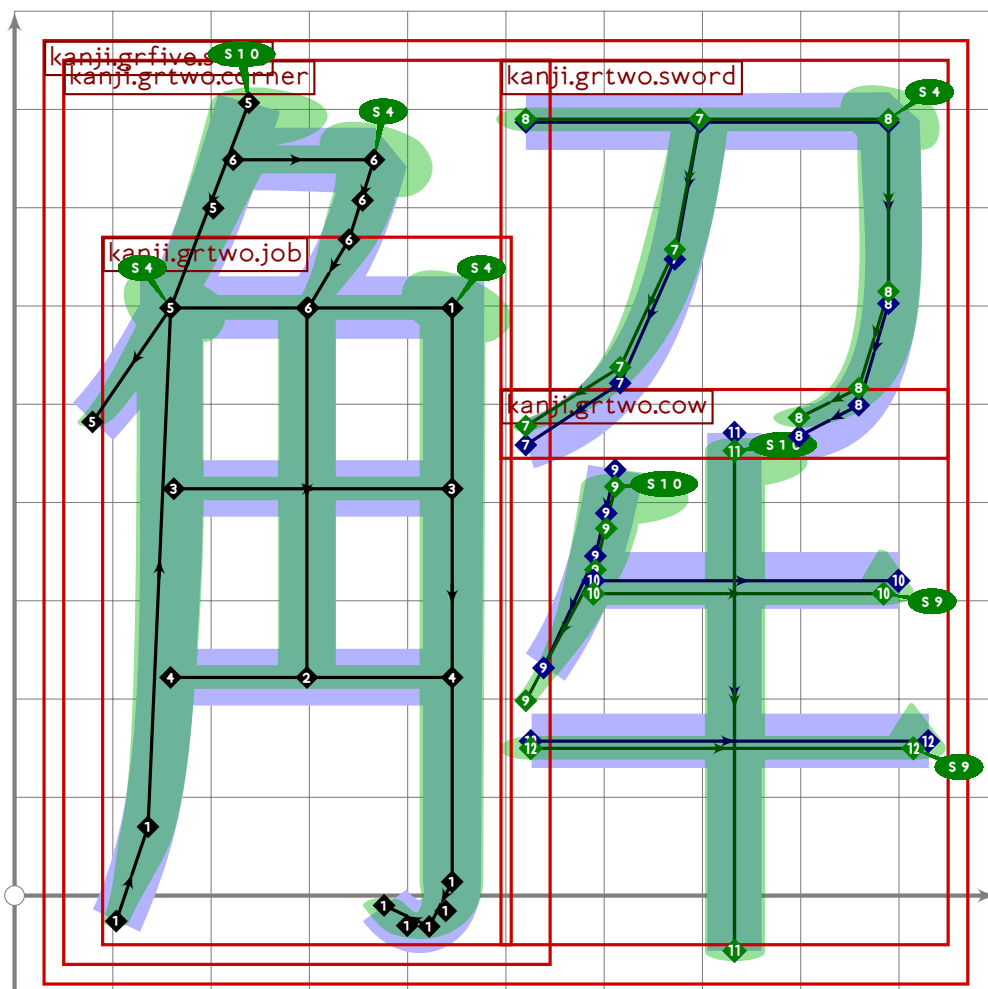
```



```

86
87 vardef kanji.grfour.remember =
88   push_pbox_toexpand("kanji.grtwo.remember");
89   build_kanji.tb(740,100)
90     (kanji.toprad.alt_sparkle_three)
91     (build_kanji.tb(580,110)
92       (kanji.radical.conservative_hat)
93       (build_kanji.sscale(xscaled 0.93)(kanji.grone.see)));
94   expand_pbox;
95 enddef;
96
97

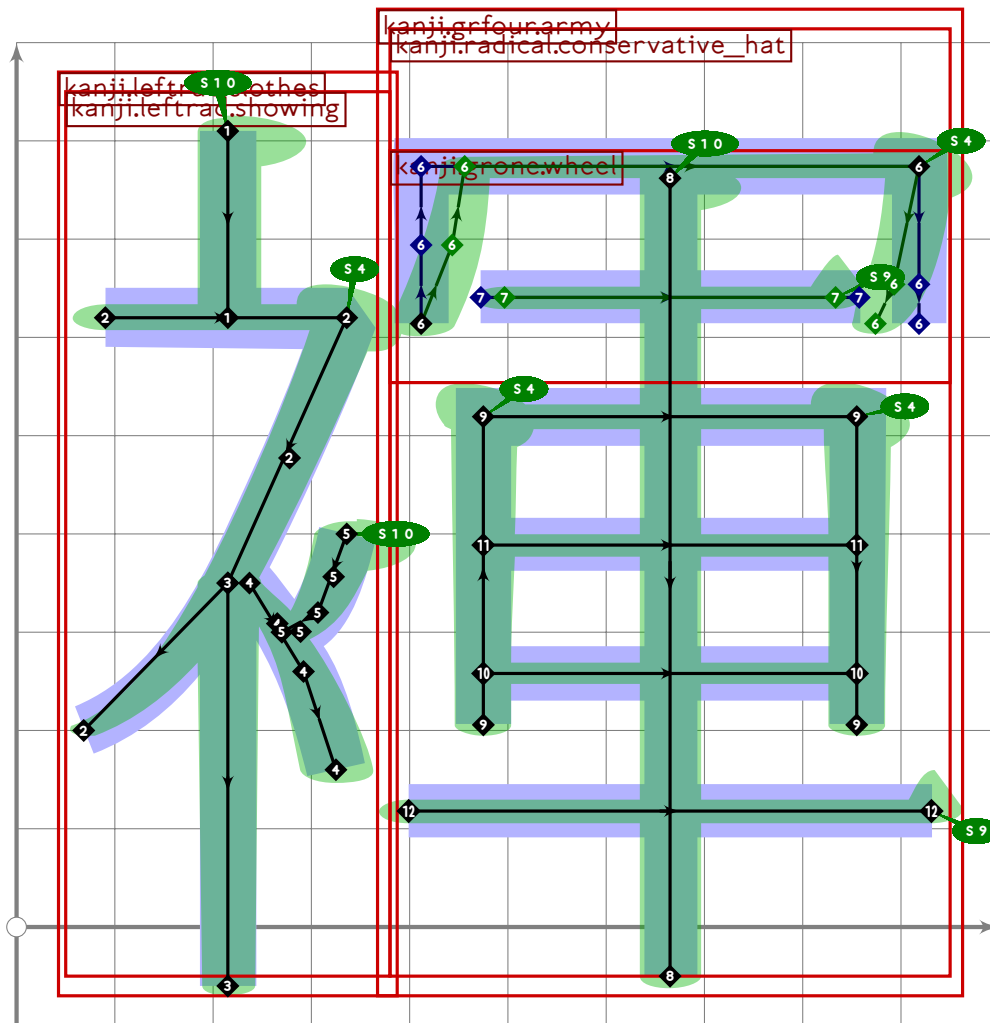
```



```

98
99 vardef kanji.grfive.solve =
100   push_pbox_toexpand("kanji.grfive.solve");
101   build_kanji.lr(520,50)
102     (kanji.grtwo.corner)
103     (build_kanji.level(build_kanji.tb(480,70-40*mincho)
104       (kanji.grtwo.sword)
105       (kanji.grtwo.cow)));
106   expand_pbox;
107 enddef;
108
109
110

```

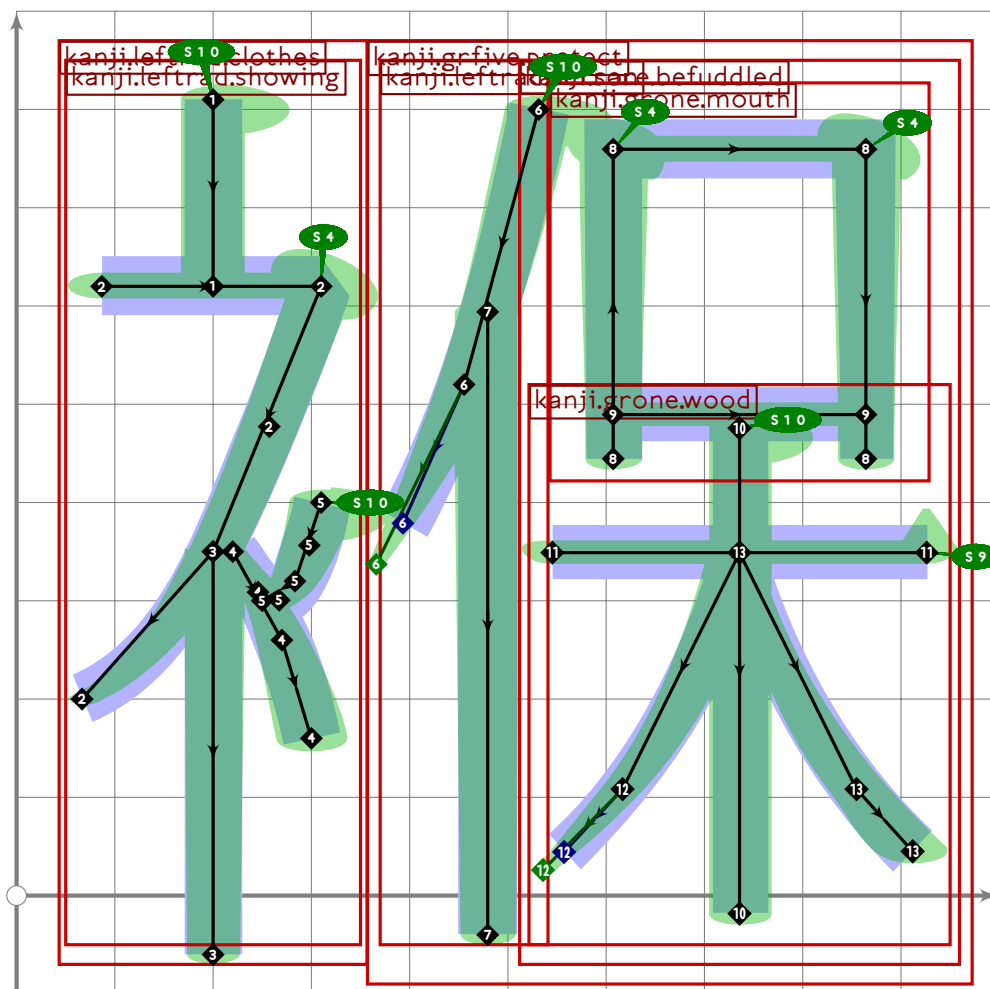


```

111 % extra: kon/fundoshi "loincloth"
112 begintsuglyph("uni890C",12);
113   build_kanji.lr(380,0)
114     (kanji.leftrad.clothes)
115     (kanji.grfour.army);
116   tsu_render;
117 endtsuglyph;
118

```

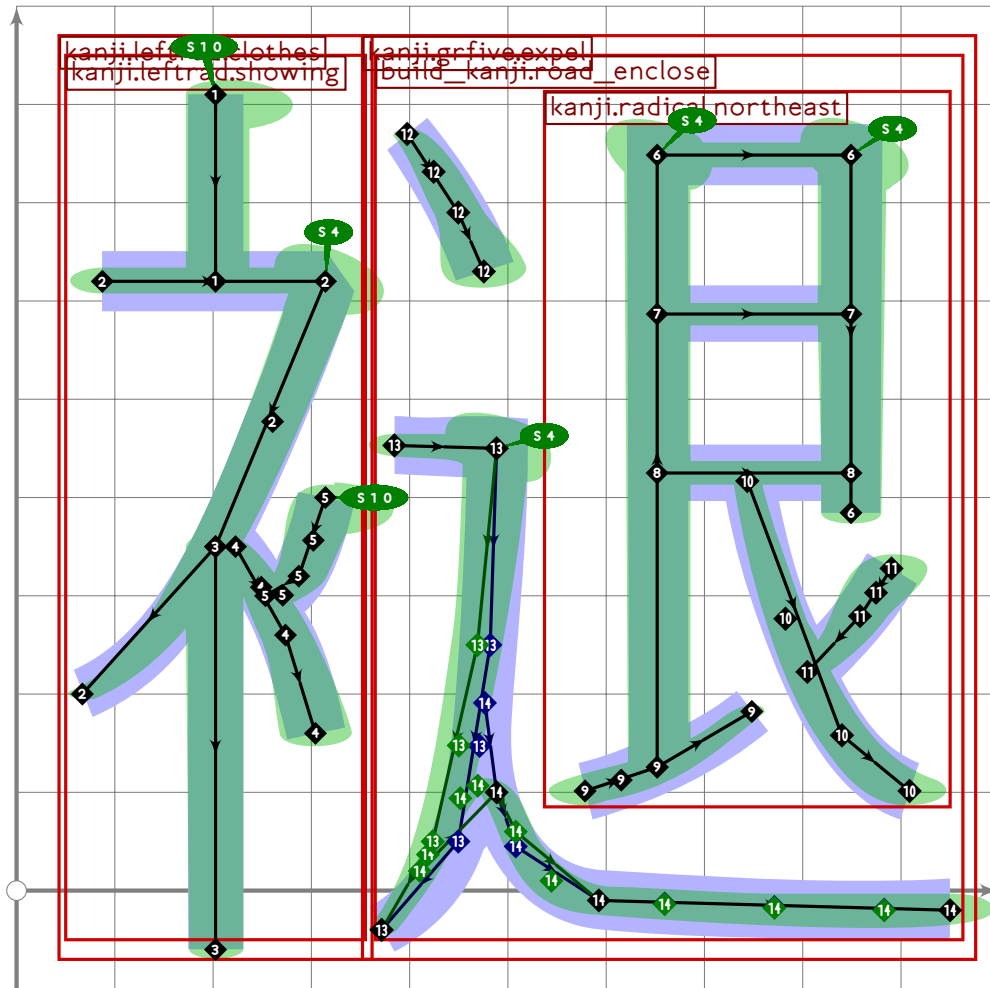
U+8913
tsuku.uni8913



```

119 % extra: hi/mutsuki "diaper"
120 begintsuglyph("uni8913",19);
121   build_kanji.lr(360;20)
122     (kanji.leftrad.clothes)
123     (kanji.grfive.protect);
124   tsu_render;
125 endtsuglyph;
126

```

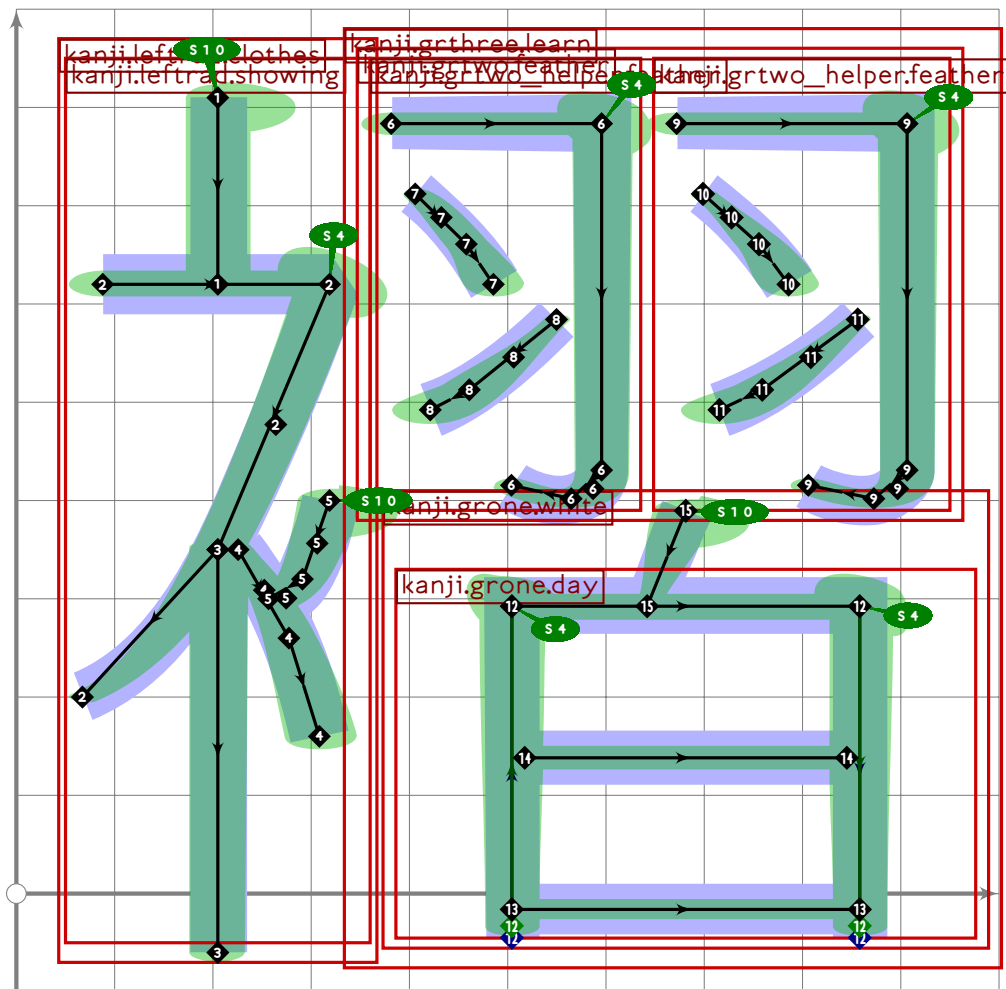


```

127 % extra: tai/a "discolour"
128 begintsuglyph("uni892A";42);
129   build_kanji.lr(360,-10)
130     (kanji.leftrad.clothes)
131     (kanji.grfive.expel);
132   tsu_render;
133 endtsuglyph;
134

```

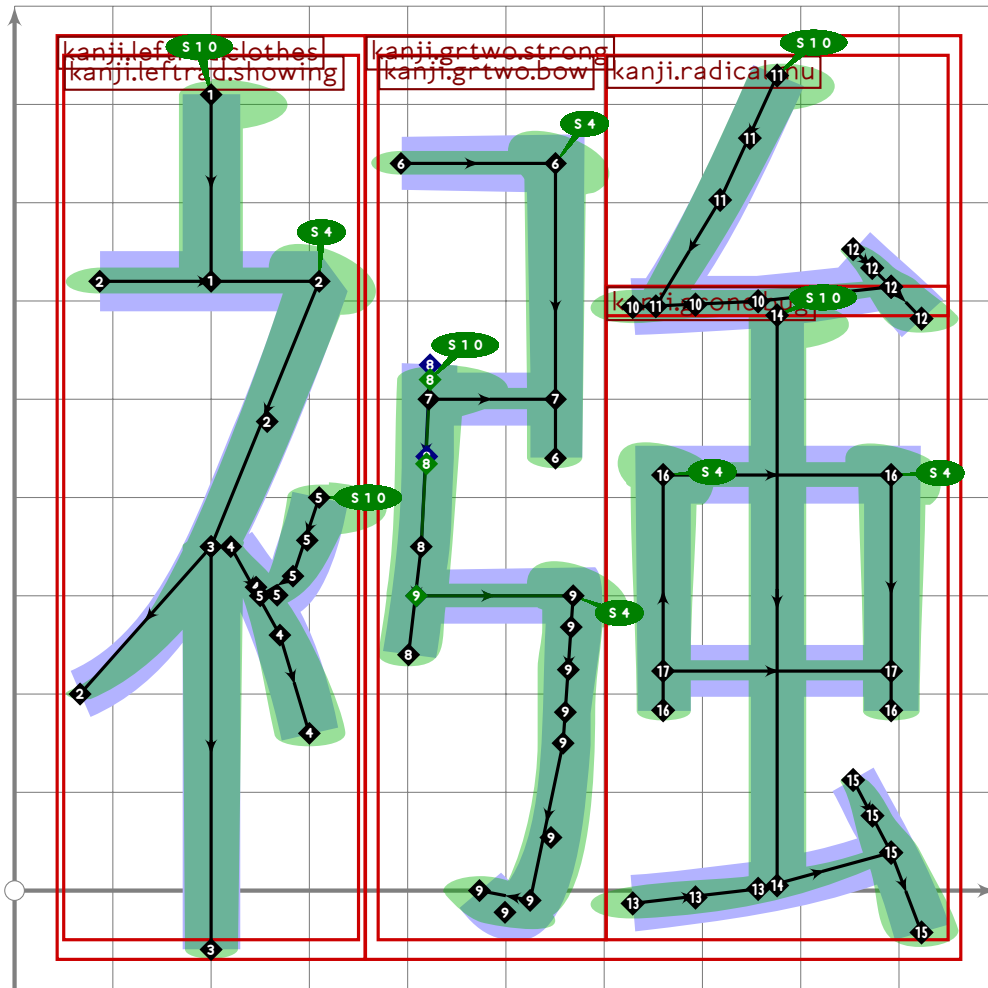
U+8936
tsuku.uni8936



```

135 % extra: shou/kasanu "pleats"
136 begintsuglyph("uni8936",54);
137   build_kanji.lr(360,0)
138     (kanji.leftrad.clothes)
139     (kanji.grthree.learn);
140   tsu_render;
141 endtsuglyph;
142

```

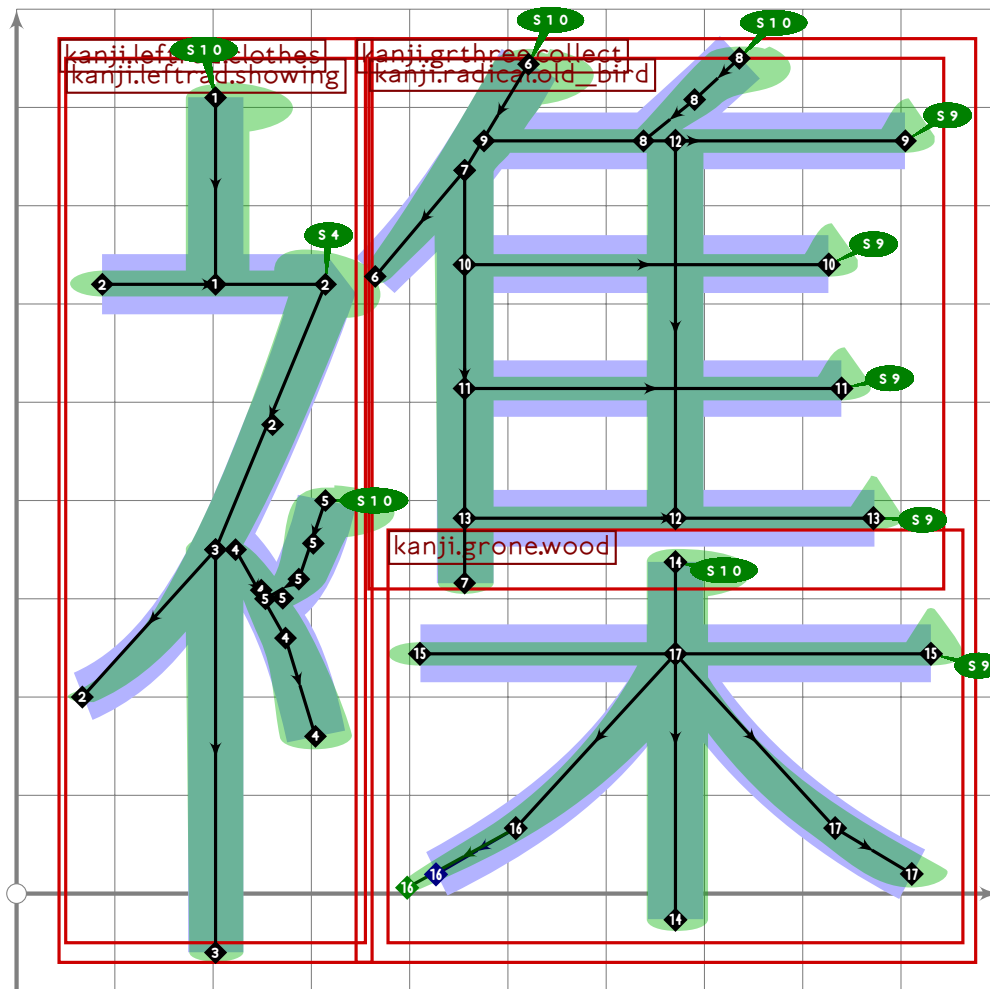


```

143 % extra: kyou/mutsuki "diaper"
144 begintsuglyph("uni8941",65);
145   build_kanji.lr(360;20)
146     (kanji.leftrad.clothes)
147     (kanji.grtwo.strong);
148   tsu_render;
149 endtsuglyph;
150

```

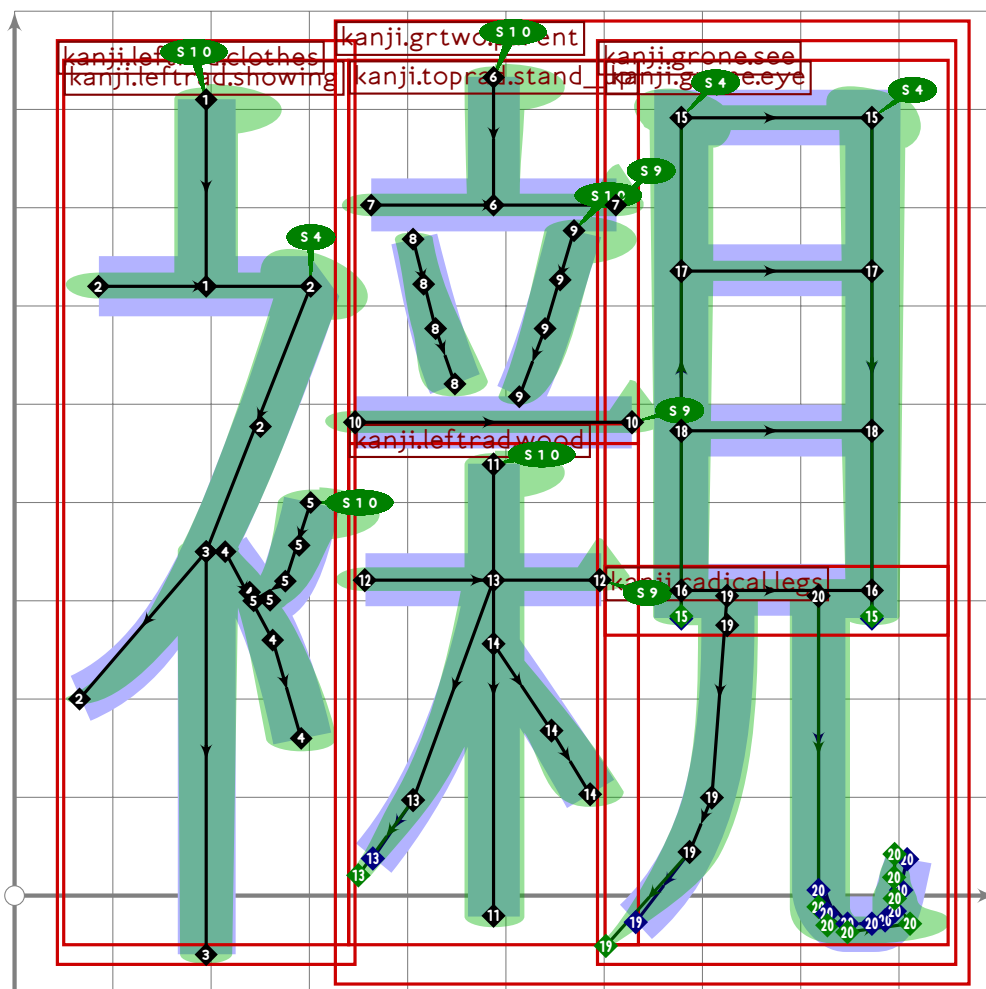
U+894D
tsuku.uni894D



```

151 % extra: zetsu/maji "blended"
152 begintsuglyph("uni894D",77);
153   build_kanji.lr(360,-10)
154     (kanji.leftrad.clothes)
155     (kanji.grthree.collect);
156   tsu_render;
157 endtsuglyph;
158

```



```

159 % extra: shin/hadagi "underwear"
160 begintsuglyph("uni896F";11);
161   build_kanji.lr(340,0)
162     (kanji.leftrad.clothes)
163     (kanji.grtwo.parent);
164   tsu_render;
165 endtsuglyph;
166
167 % sai/nishi "West" or "Spain"
168 begintsuglyph("uni897F";127);
169   kanji.grtwo.west;
170   tsu_render;
171 endtsuglyph;
172
173 % you/i "essential"
174 begintsuglyph("uni8981";129);
175   kanji.grfour.essential;
176   tsu_render;
177 endtsuglyph;
178
179 % ken/mi "see"

```

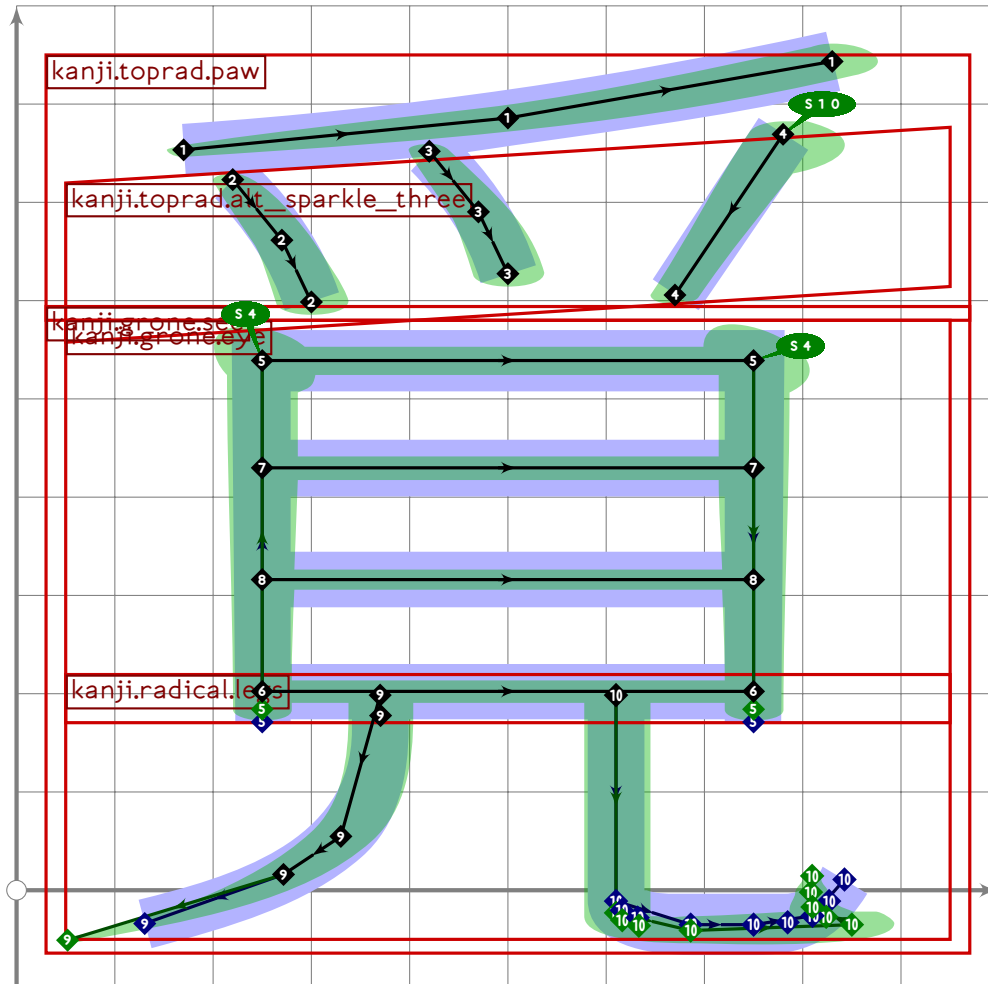
[see page 550]

[see page 2693]

U+8993
tsuku.uni8993

```
180 begintsuglyph("uni898B";139);
181   kanji.grone.see;
182   tsu_render;
183 endtsuglyph;
184
```

[see page 464]



```
185 % extra: beki/moto "seek"
186 begintsuglyph("uni8993";147);
187   build_kanji.level(build_kanji.tb(580,0)
188     (kanji.toprad.paw
189     (kanji.grone.see));
190   tsu_render;
191 endtsuglyph;
```

```
192
193 % kaku/obo "remember"
194 begintsuglyph("uni899A";154);
195   kanji.grfour.remember;
196   tsu_render;
197 endtsuglyph;
```

[see page 2695]

```
198
199 % shin/oya/shita "parent"
200 begintsuglyph("uni89AA";170);
```

[see page 2692]

```

201 kanji.grtwo.parent;
202 tsu_render;
203 endtsuglyph;
204
205 % kan/mi "outlook"
206 begintsuglyph("uni89B3",179); [see page 2694]
207 kanji.grfour.outlook;
208 tsu_render;
209 endtsuglyph;
210
211 % kaku/kado "corner"
212 begintsuglyph("uni89D2",210); [see page 492]
213 kanji.grtwo.corner;
214 tsu_render;
215 endtsuglyph;
216
217 % kai/to "solve"
218 begintsuglyph("uni89E3",227); [see page 2696]
219 kanji.grfive.solve;
220 tsu_render;
221 endtsuglyph;
222
223 _____
224
225 endfont;
226
227 _____

```