

作りましょう 0.7

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 0.7

Parametric Font Family  
Proofs and pretty-printed  
source code

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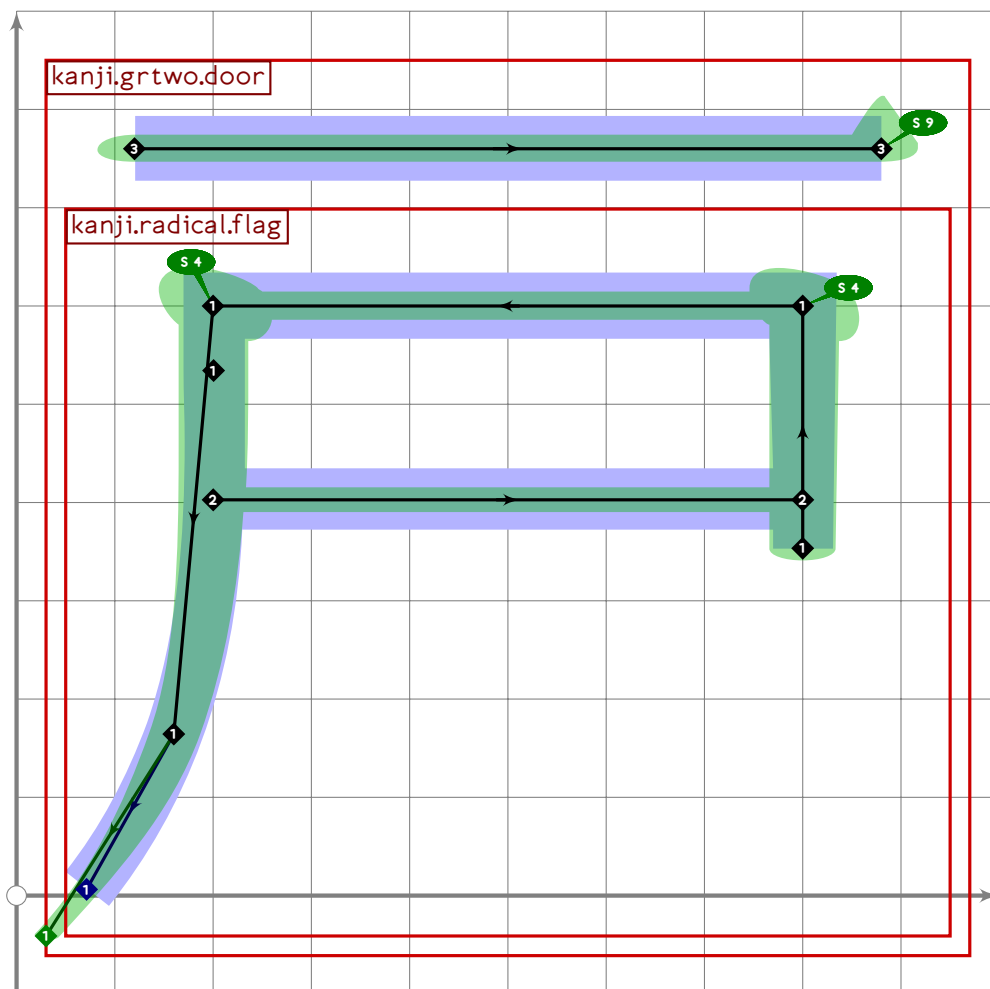
```
1 %
2 % Unicode page 62 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

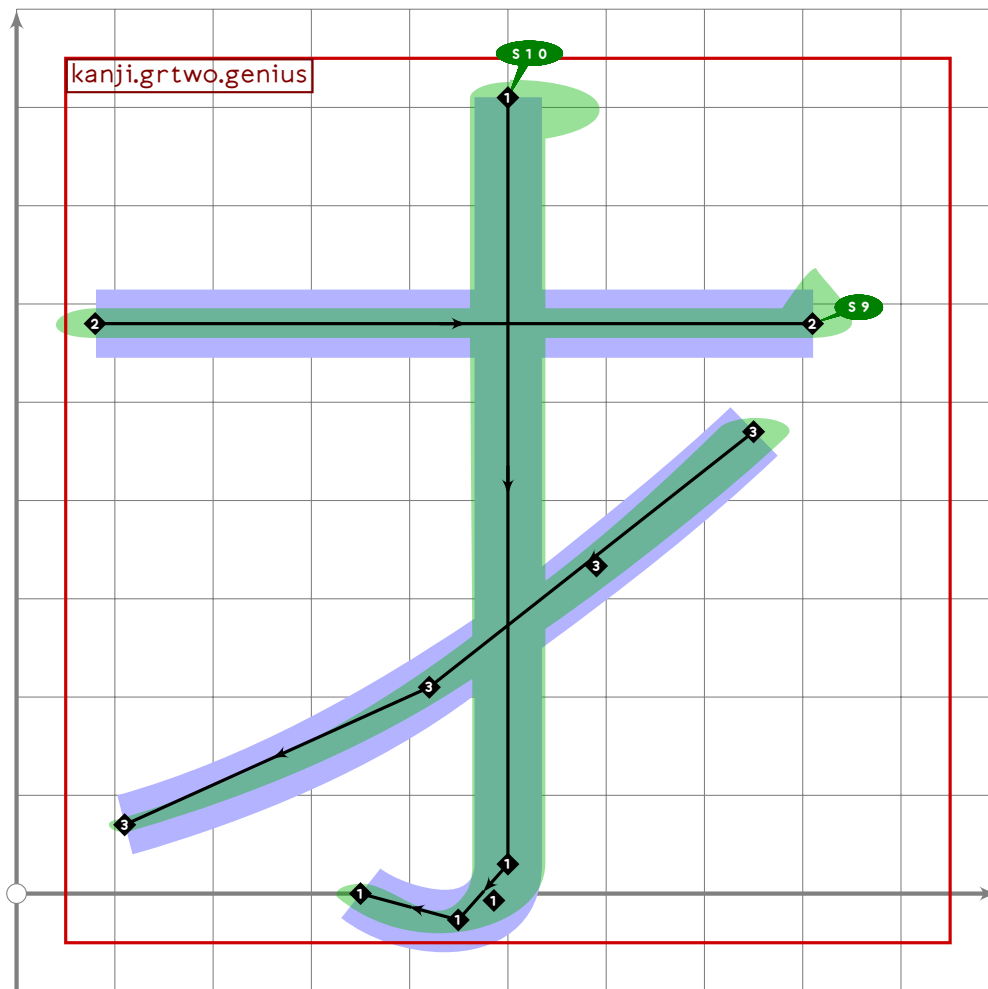

```



```

48
49 vardef kanji.grtwo.door =
50   push_pbox__toexpand("kanji.grtwo.door");
51   tsu_xform(identity yscaled (600/730))(kanji.radical.flag);
52   push_stroke((120,760)-(880,760),(1.6,1.6));
53   set_boserif(0,1,9);
54   set_bosize(0,95);
55   expand_pbox;
56 enddef;

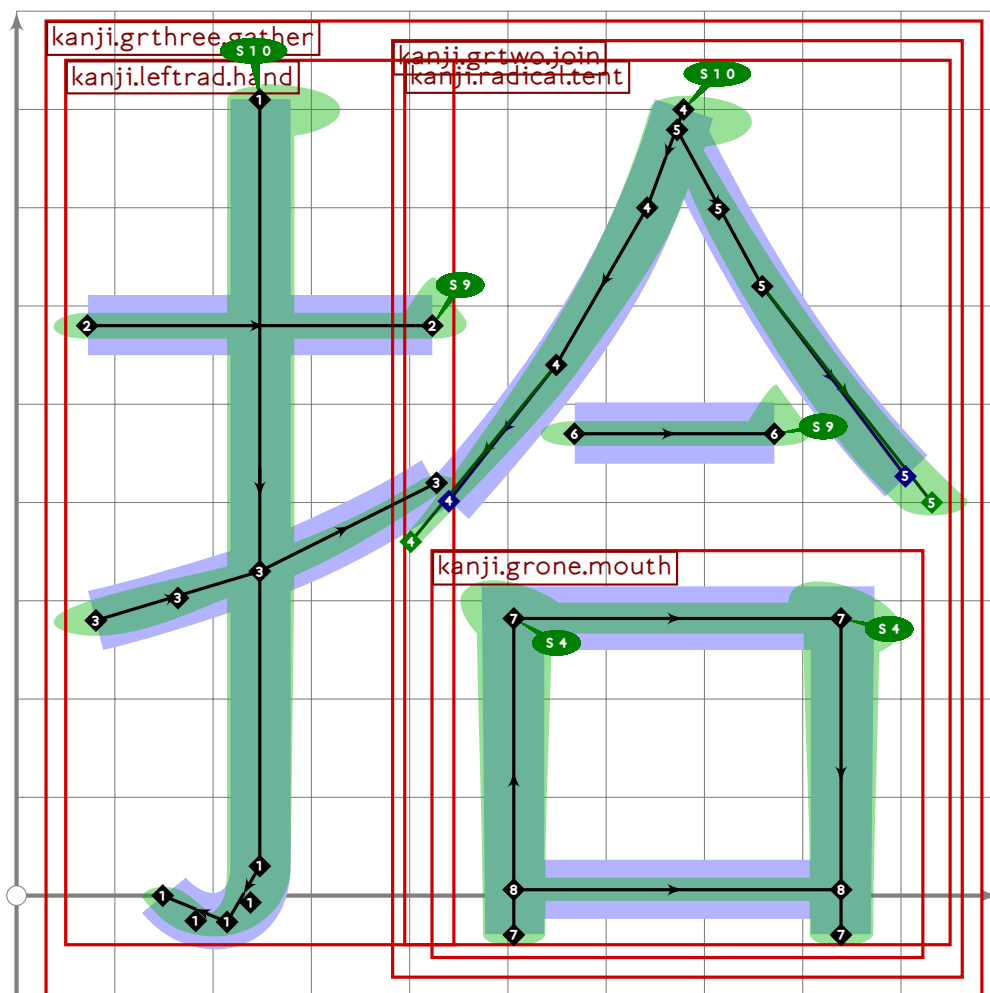
```



```

57
58 vardef kanji.grtwo.genius =
59   push_pbox_toexpand("kanji.grtwo.genius");
60   push_stroke((500,810),(1.6,1.6));
61   build_kanji.add_jtail(0);
62   set_boserif(0,0,10);
63   push_stroke((80,580)-(810,580),(1.6,1.6)-(1.6,1.6));
64   set_boserif(0,1,9);
65   push_stroke((750,470)..tension 1.2..(420,210)..(110,70),
66     (1.5,1.5)-(1.2,1.2)-(1,1));
67   expand_pbox;
68 enddef;
69
70

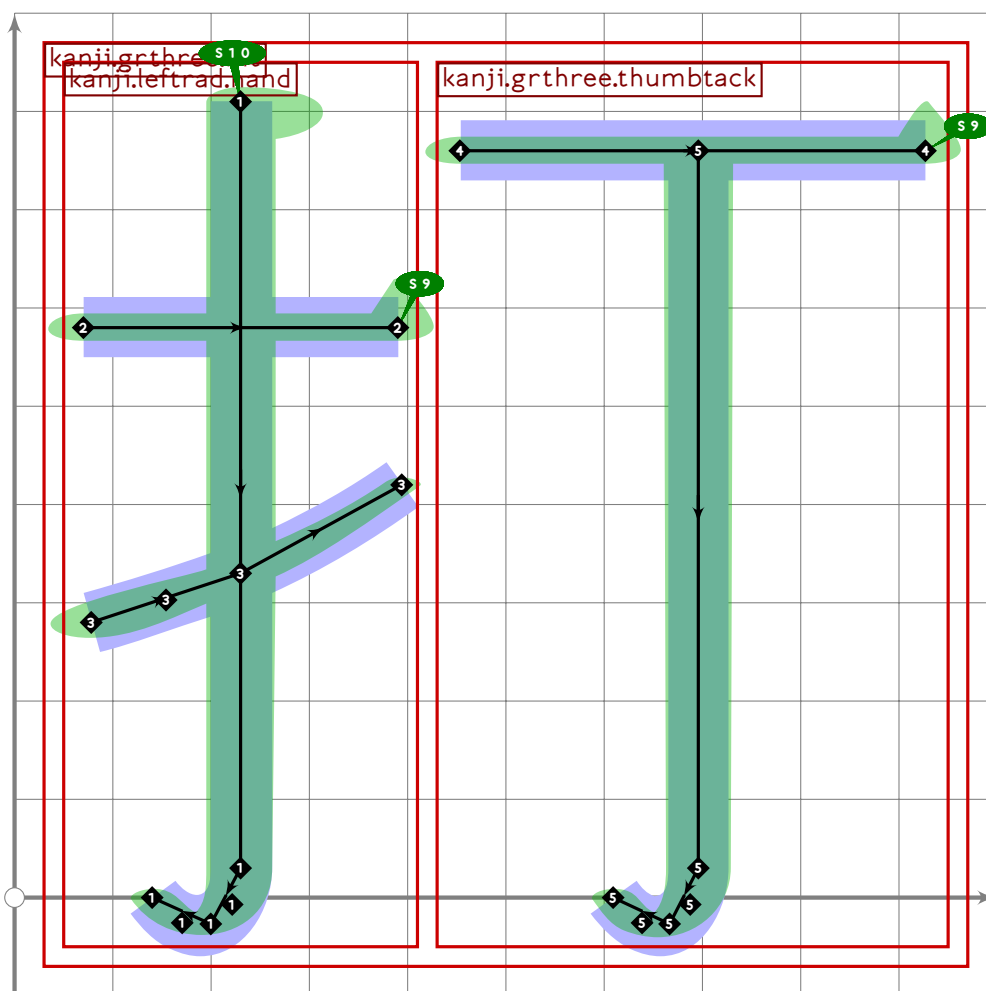
```



```

71
72 vardef kanji.grthree.gather =
73   push_pbox_toexpand("kanji.grthree.gather");
74   build_kanji.level(build_kanji.lr(420,50)
75     (kanji.leftrad.hand)
76     (kanji.grtwo.join));
77   expand_pbox;
78 enddef;

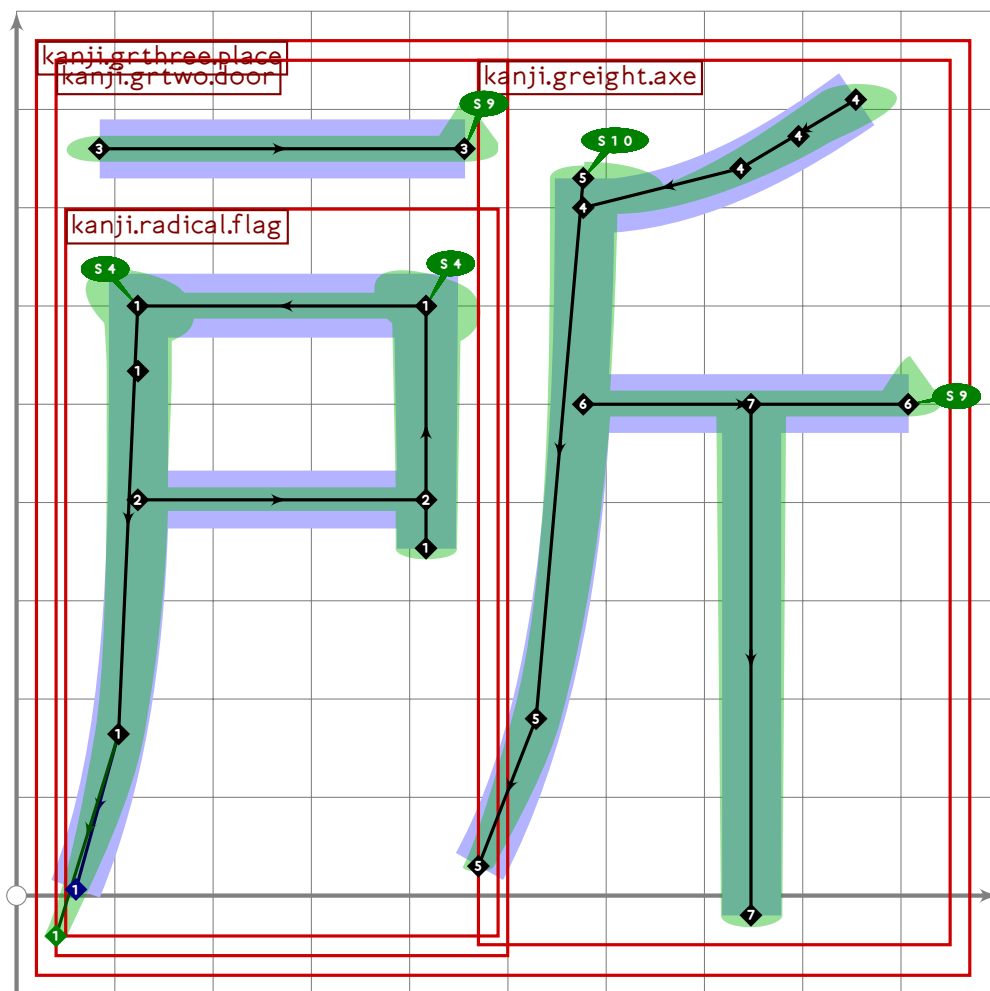
```



```

79
80 vardef kanji.grthree.hit =
81   push_pbox_toexpand("kanji.grthree.hit");
82   build_kanji.level(build_kanji.lr(420,-20)
83     (kanji.leftrad.hand)
84     (kanji.grthree.thumbtack));
85   expand_pbox;
86 enddef;

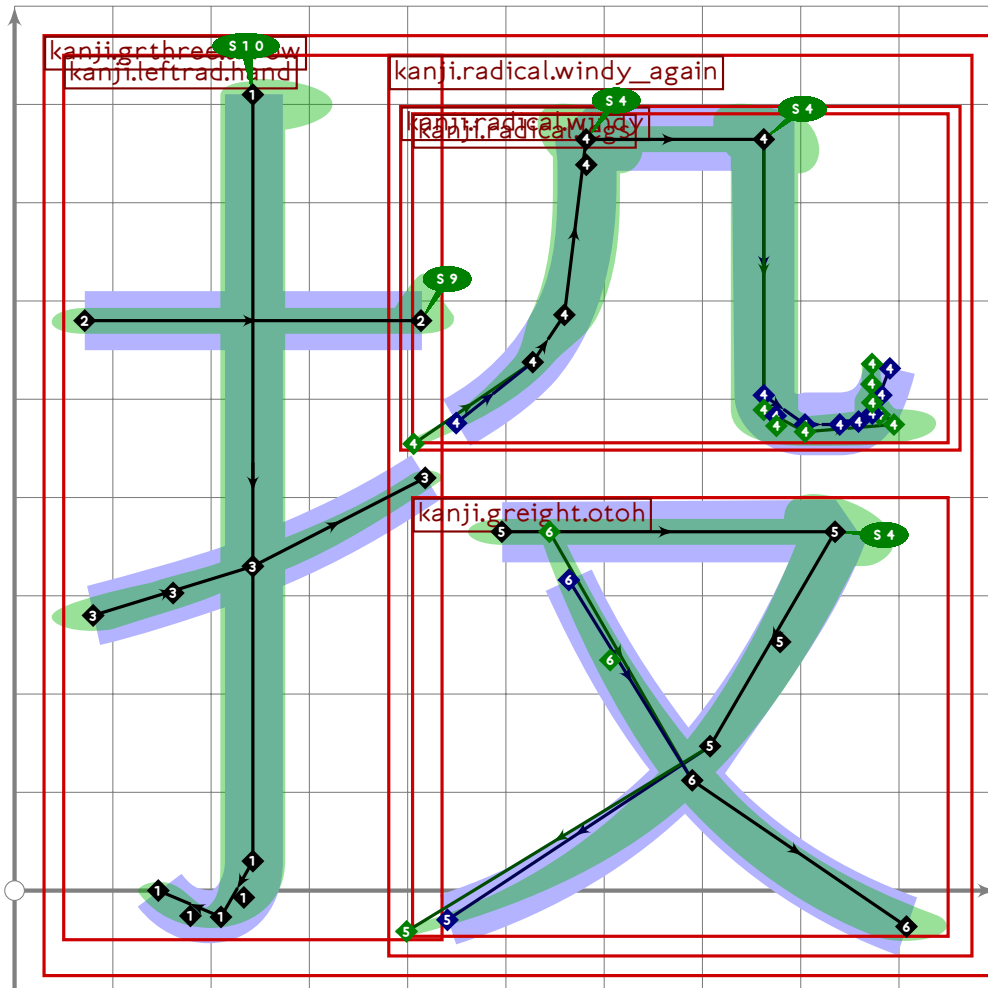
```



```

87
88 vardef kanji.grthree.place =
89   push_pbox_toexpand("kanji.grthree.place");
90   build_kanji.level(build_kanji.lr(480,20)
91     (kanji.grtwo.door)
92     (kanji.greight.axe));
93   expand_pbox;
94 enddef;

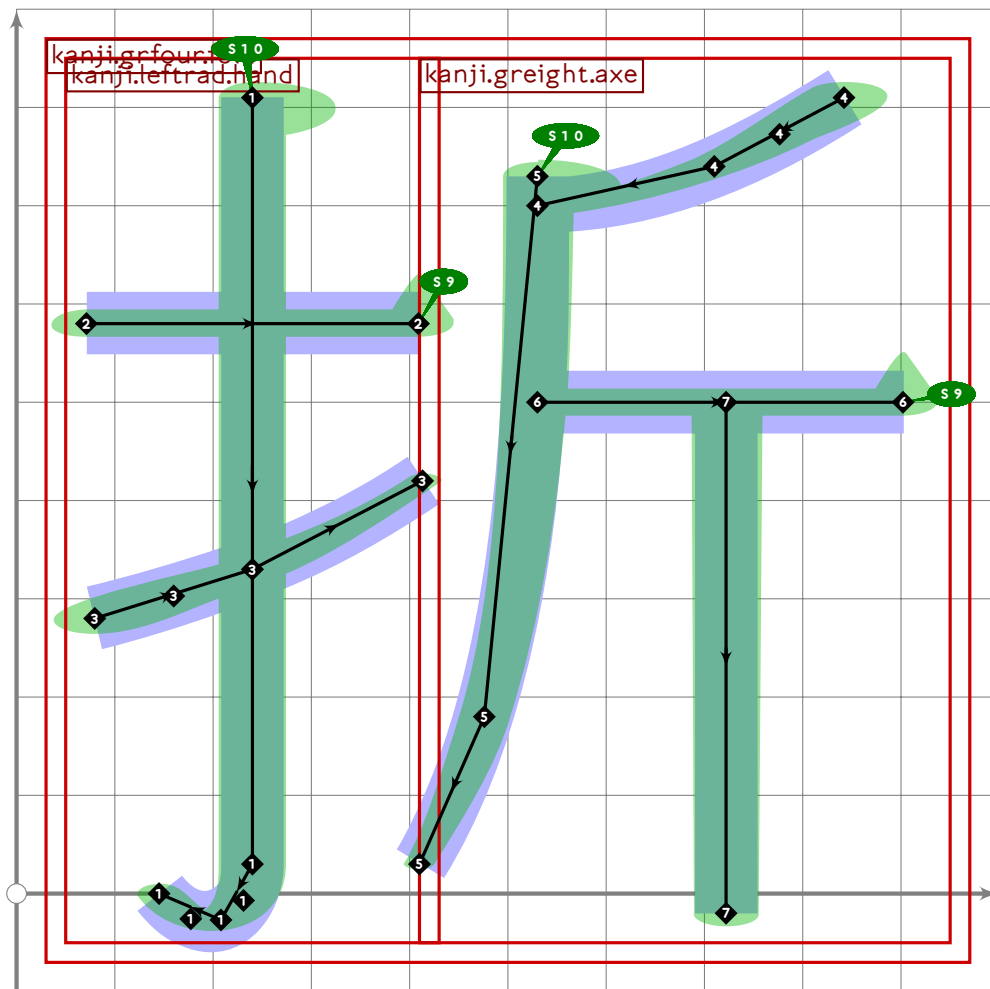
```



```

95
96 vardef kanji.grthree.throw =
97   push_pbox_toexpand("kanji.grthree.throw");
98   build_kanji.level(build_kanji.lr(420,30)
99     (kanji.leftrad.hand)
100     (kanji.radical.windy_again));
101   expand_pbox;
102 enddef;
103
104

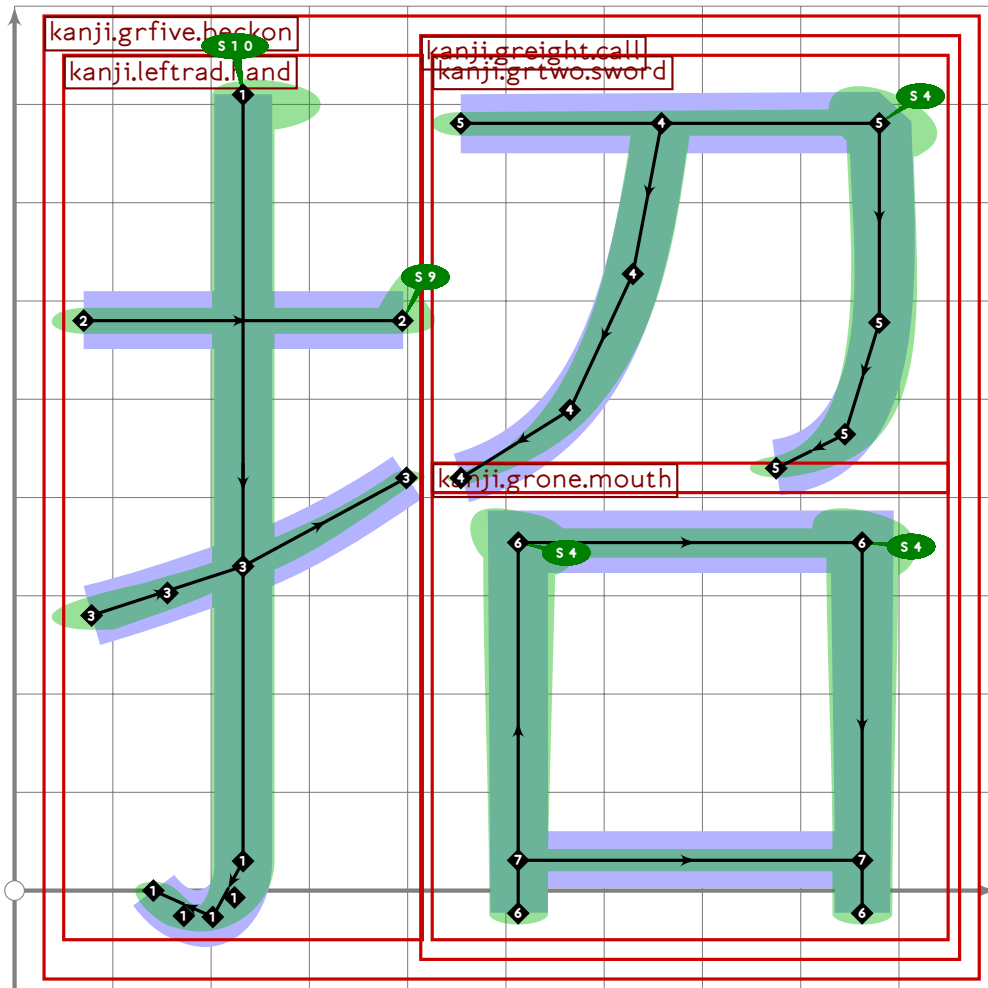
```



```

105
106 vardef kanji.grfour.fold =
107   push_pbox_toexpand("kanji.grfour.fold");
108   build_kanji.level(build_kanji.lr(420,20)
109     (kanji.leftrad.hand)
110     (kanji.greight.axe));
111   expand_pbox;
112 enddef;
113
114

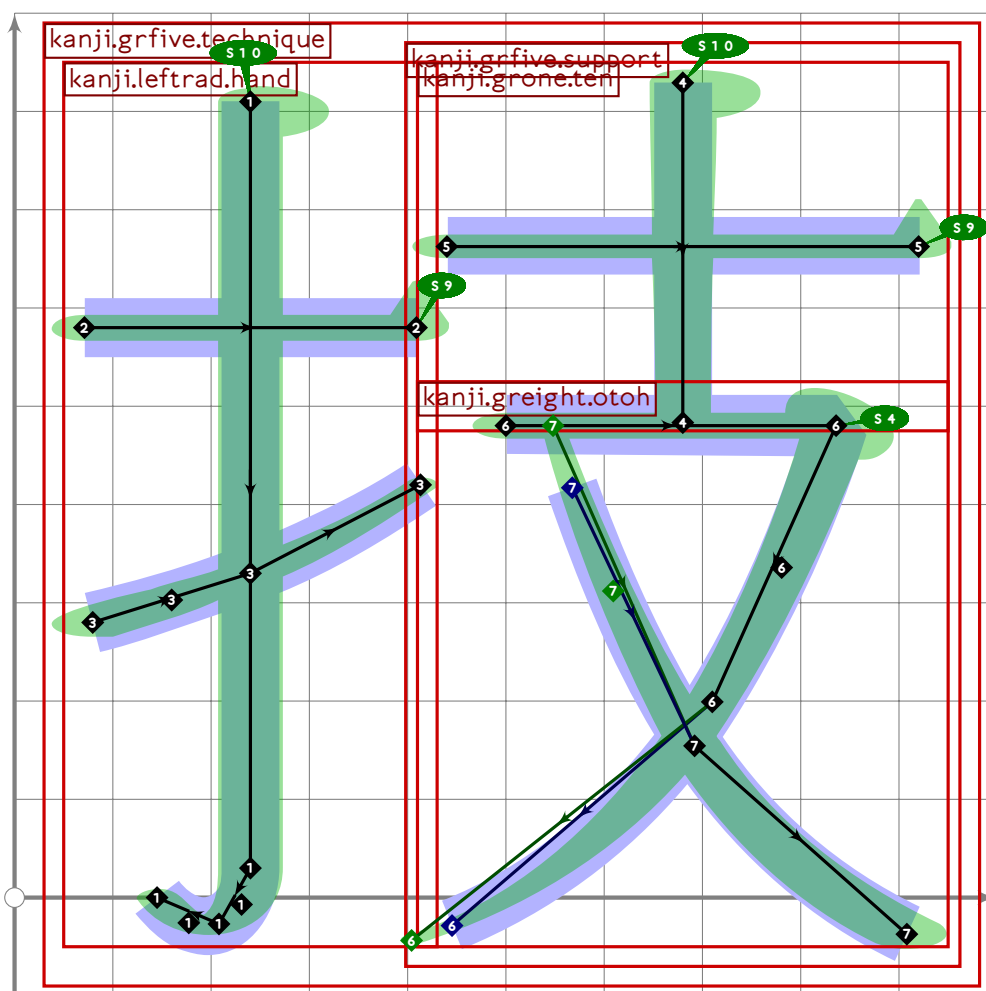
```



```

115
116 vardef kanji.grfive.beckon =
117   push_pbox_toexpand("kanji.grfive.beckon");
118   build_kanji.level(build_kanji.lr(420,-10)
119     (kanji.leftrad.hand)
120     (kanji.greight.call));
121   expand_pbox;
122 enddef;

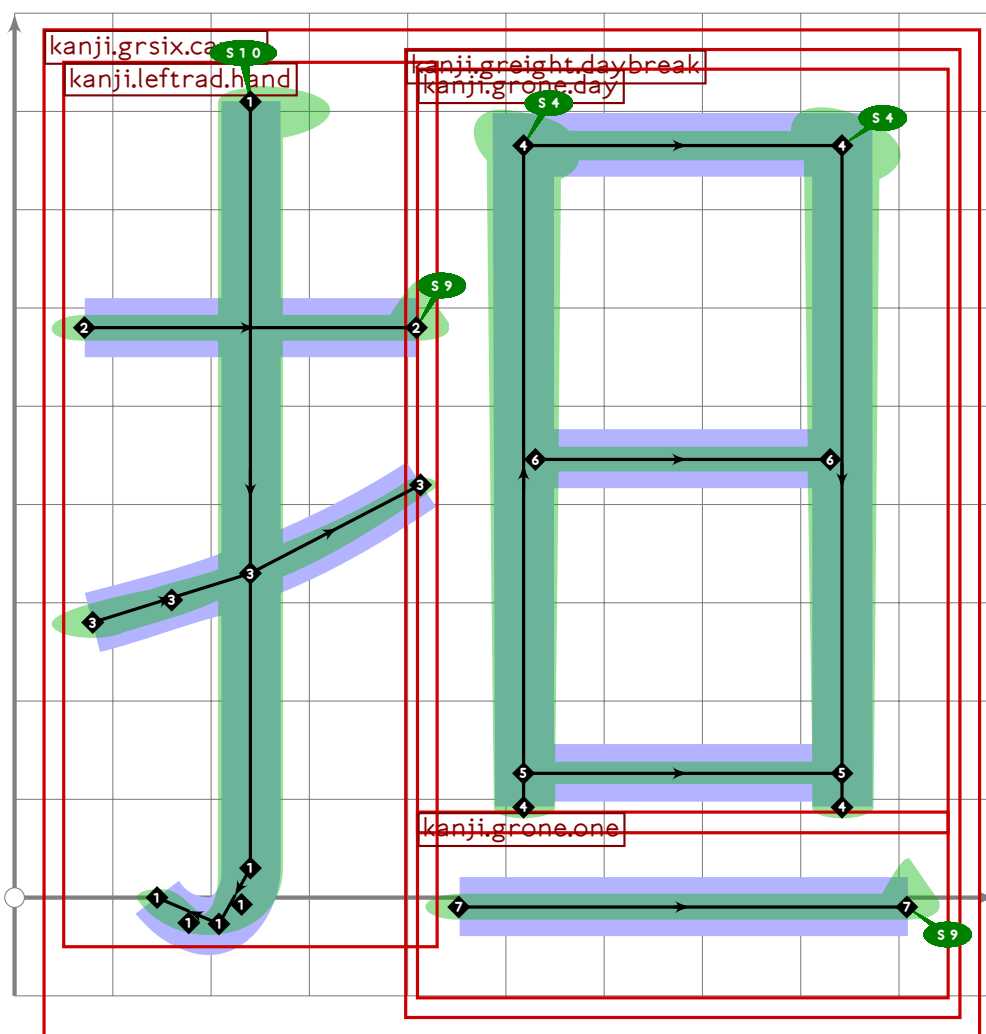
```



```

123
124 vardef kanji.grfive.technique =
125   push_pbox_toexpand("kanji.grfive.technique");
126   build_kanji.level(build_kanji.lr(420,20)
127     (kanji.leftrad.hand)
128     (kanji.grfive.support));
129   expand_pbox;
130 enddef;
131
132

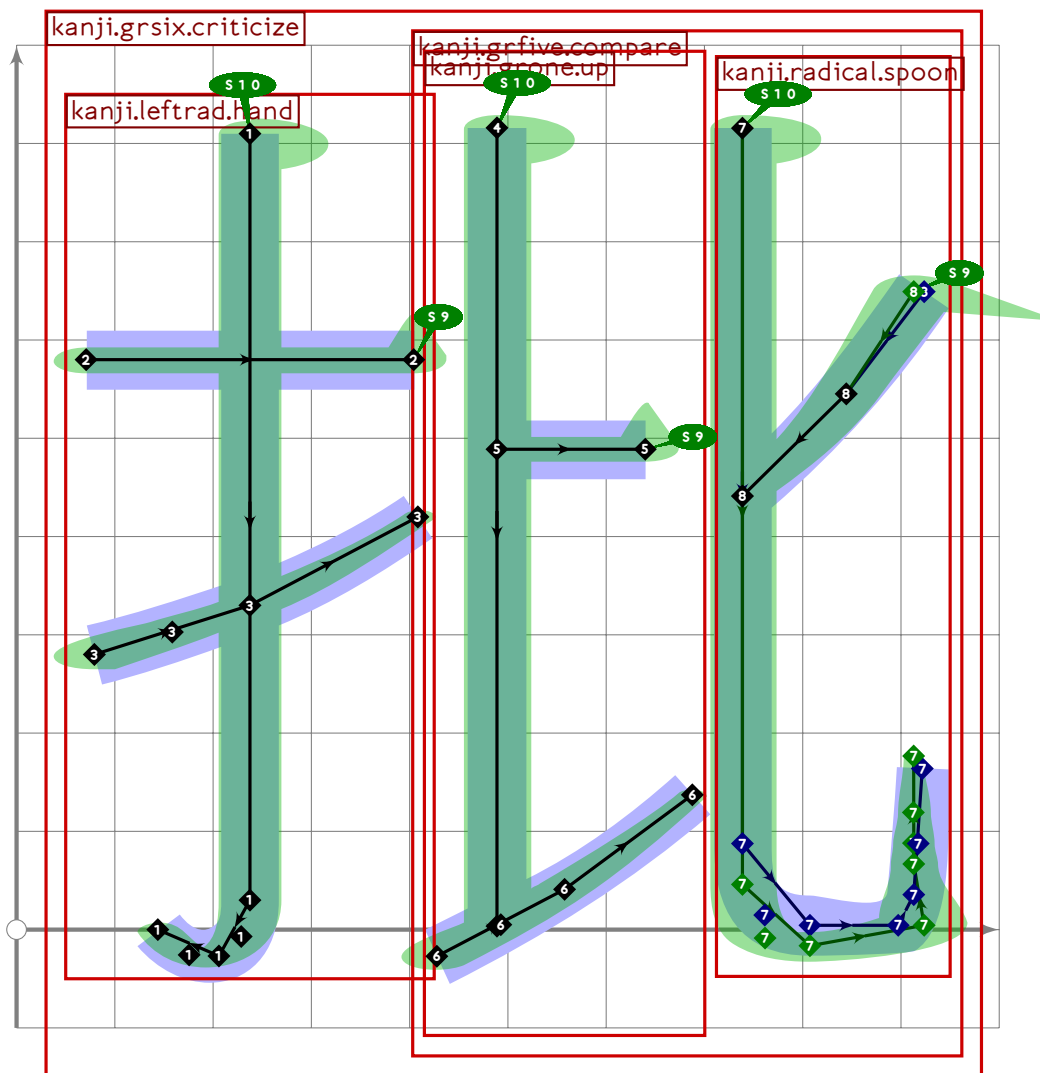
```



```

133
134 vardef kanji.grsix.carry =
135   push_pbox_toexpand("kanji.grsix.carry");
136   build_kanji.level(build_kanji.lr(420,20)
137     (kanji.leftrad.hand)
138     (kanji.greight.daybreak));
139   expand_pbox;
140 enddef;

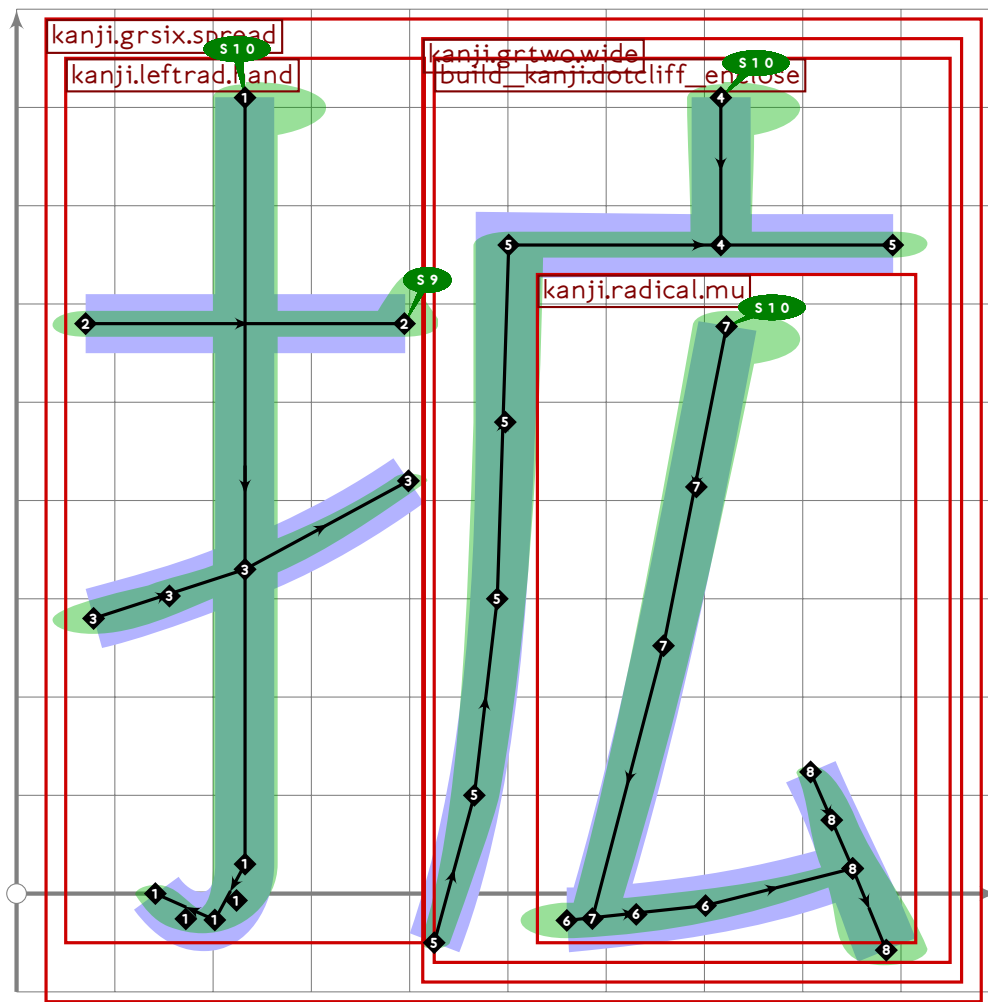
```



```

141
142 vardef kanji.grsix.criticize =
143   push_pbox_toexpand("kanji.grsix.criticize");
144   build_kanji.level(build_kanji.lr(420,10)
145     (kanji.leftrad.hand)
146     (build_kanji.sscale(yscaled 1.04 shifted (0,20))
147       (kanji.grfive.compare)));
148   expand_pbox;
149 enddef;

```



```

150
151 vardef kanji.grsix.spread =
152   push_pbox_toexpand("kanji.grsix.spread");
153   build_kanji.level(build_kanji.lr(420,10)
154     (kanji.leftrad.hand)
155     (kanji.grtwo.wide));
156   expand_pbox;
157 enddef;
158
159
160
161 % ko/to "door"
162 begintsuglyph("uni6238";56);
163   kanji.grtwo.door;
164   tsu_render;
165 endtsuglyph;
166
167 % sho/tokoro "place"
168 begintsuglyph("uni6240";64);
169   kanji.grthree.place;
170   tsu_render;

```

[see page 2128]

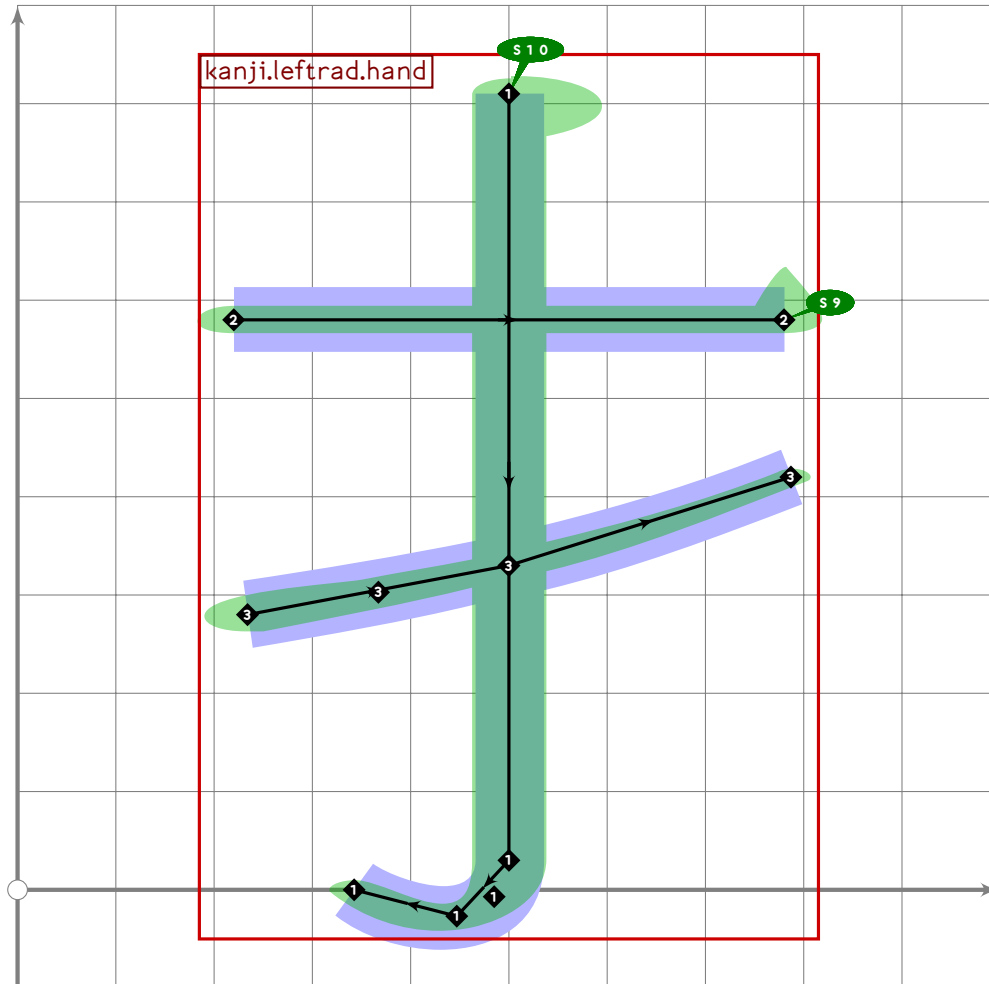
[see page 2132]

```

171 endtsuglyph;
172
173 % te "hand"
174 begintsuglyph("uni624B";75);
175   kanji.grone.hand;
176   tsu_render;
177 endtsuglyph;
178

```

[see page 436]



```

179 % hand radical
180 begintsuglyph("uni624C";76);
181   build_kanji.sscale(xscaled 0.7)(kanji.leftrad.hand);
182   tsu_render;
183 endtsuglyph;
184
185 % sai "genius" or "years of age"
186 begintsuglyph("uni624D";77);
187   kanji.grtwo.genius;
188   tsu_render;
189 endtsuglyph;
190
191 % da/u "hit"

```

[see page 2129]

192 `begintsuglyph("uni6253";83);` [see page 2131]  
 193 `kanji.grthree.hit;`  
 194 `tsu_render;`  
 195 `endtsuglyph;`  
 196  
 197 `% hi "criticize"`  
 198 `begintsuglyph("uni6279";121);` [see page 2138]  
 199 `kanji.grsix.criticize;`  
 200 `tsu_render;`  
 201 `endtsuglyph;`  
 202  
 203 `% gi/waza "technique"`  
 204 `begintsuglyph("uni6280";128);` [see page 2136]  
 205 `kanji.grfive.technique;`  
 206 `tsu_render;`  
 207 `endtsuglyph;`  
 208  
 209 `% tou/na "throw"`  
 210 `begintsuglyph("uni6295";149);` [see page 2133]  
 211 `kanji.grthree.throw;`  
 212 `tsu_render;`  
 213 `endtsuglyph;`  
 214  
 215 `% satsu/o "fold" (o as in origami)`  
 216 `begintsuglyph("uni6298";152);` [see page 2134]  
 217 `kanji.grfour.fold;`  
 218 `tsu_render;`  
 219 `endtsuglyph;`  
 220  
 221 `% tan/katsu "carry"`  
 222 `begintsuglyph("uni62C5";197);` [see page 2137]  
 223 `kanji.grsix.carry;`  
 224 `tsu_render;`  
 225 `endtsuglyph;`  
 226  
 227 `% shou/mane "beckon" (as in manekineko)`  
 228 `begintsuglyph("uni62DB";219);` [see page 2135]  
 229 `kanji.grfive.beckon;`  
 230 `tsu_render;`  
 231 `endtsuglyph;`  
 232  
 233 `% kaku/hiro "spread"`  
 234 `begintsuglyph("uni62E1";225);` [see page 2139]  
 235 `kanji.grsix.spread;`  
 236 `tsu_render;`  
 237 `endtsuglyph;`  
 238  
 239 `% shuu/hiro "gather"`

```
240 begintsuglyph("uni62FE";254);
```

[see page 2130]

```
241   kanji.grthree.gather;
```

```
242   tsu_render;
```

```
243 endtsuglyph;
```

```
244
```

```
245
```

---

```
246
```

```
247 endfont;
```

```
248
```

```
249
```

---

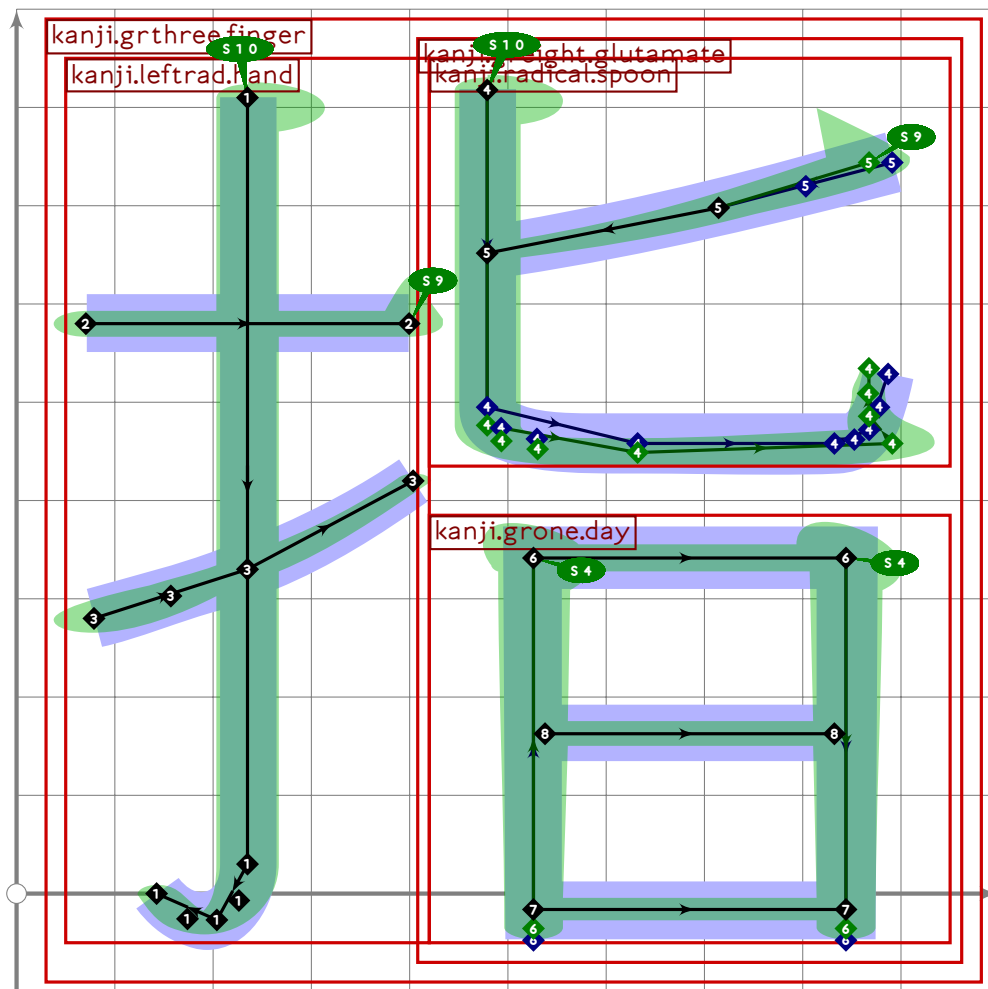
```
1 %
2 % Unicode page 63 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

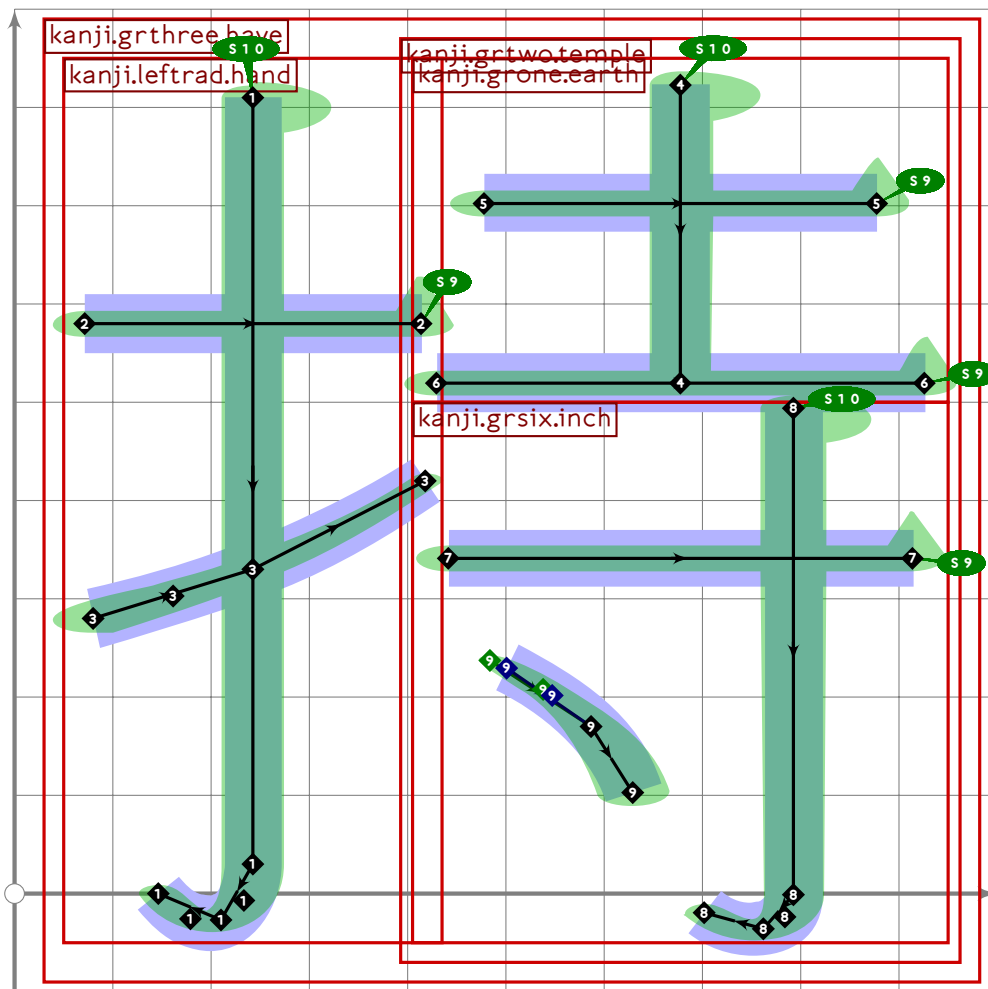

```



```

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

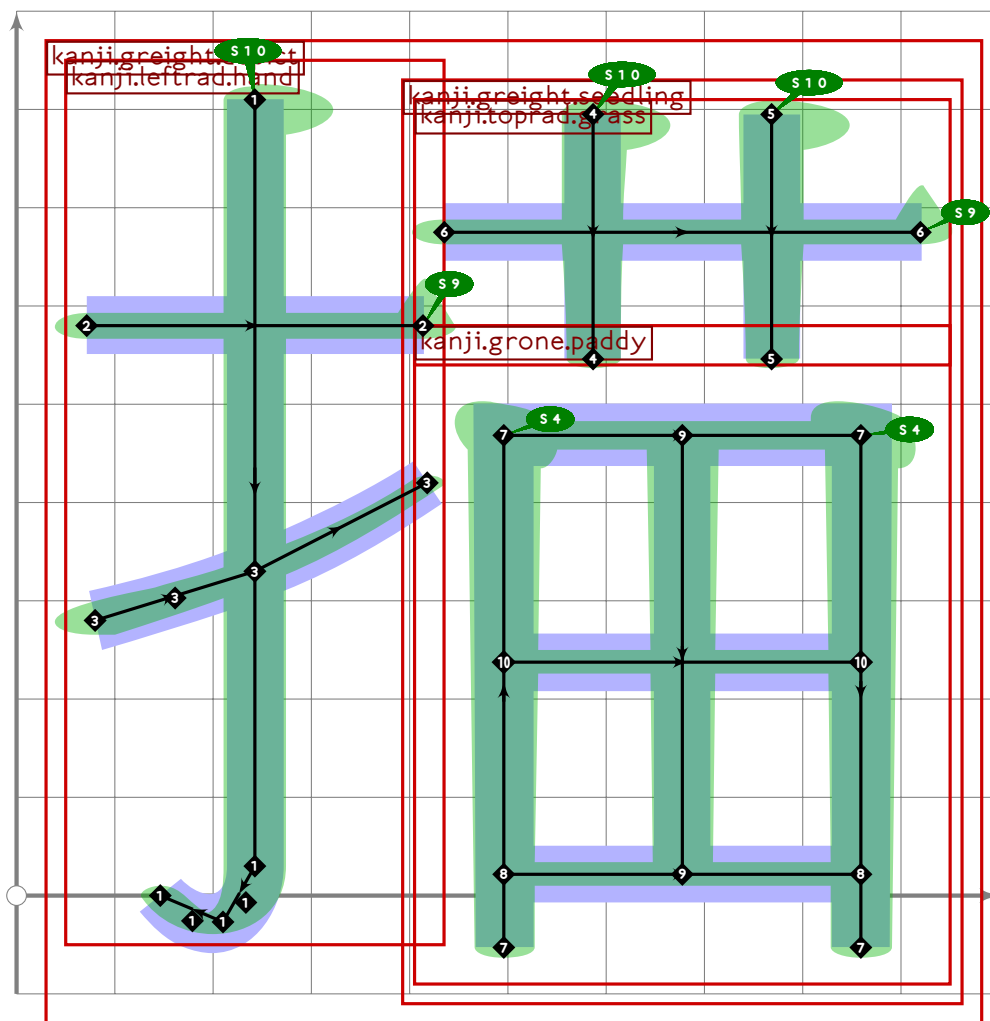
```



```

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

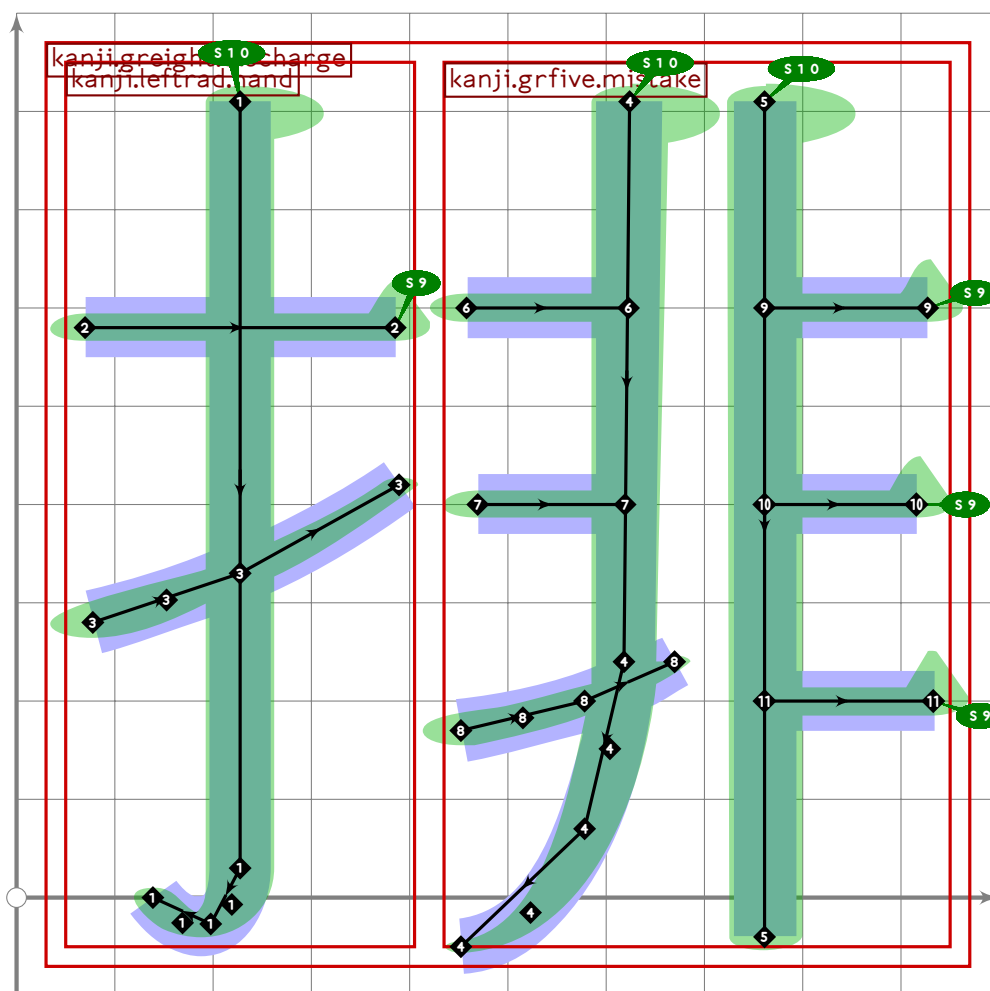
```



```

67
68 vardef kanji.greight.depict =
69   push_pbox_toexpand("kanji.greight.depict");
70   build_kanji.level(build_kanji.lr(420,30)
71     (kanji.leftrad.hand)
72     (build_kanji.sscale(shifted (0,-40))(kanji.greight.seedling)));
73   expand_pbox;
74 enddef;

```



```

75
76 vardef kanji.greight.discharge =
77   push_pbox_toexpand("kanji.greight.discharge");
78   build_kanji.level(build_kanji.lr(420,-30)
79     (kanji.leftrad.hand)
80     (kanji.grfive.mistake));
81   expand_pbox;
82 enddef;
83
84
85
86 % ji/mo "have"
87 begintsuglyph("uni6301";1);
88   kanji.grthree.have;
89   tsu_render;
90 endtsuglyph;
91
92 % shi/yubi "finger"
93 begintsuglyph("uni6307";7);
94   kanji.grthree.finger;
95   tsu_render;

```

[see page 2145]

[see page 2144]

```
96 endtsuglyph;  
97  
98 % hai "discharge"  
99 begintsuglyph("uni6392";146);  
100 kanji.greight.discharge;  
101 tsu_render;  
102 endtsuglyph;  
103  
104 % byou/ega "depict"  
105 begintsuglyph("uni63CF";207);  
106 kanji.greight.depict;  
107 tsu_render;  
108 endtsuglyph;  
109  
110 _____  
111  
112 endfont;  
113  
114 _____
```

[see page 2147]

[see page 2146]

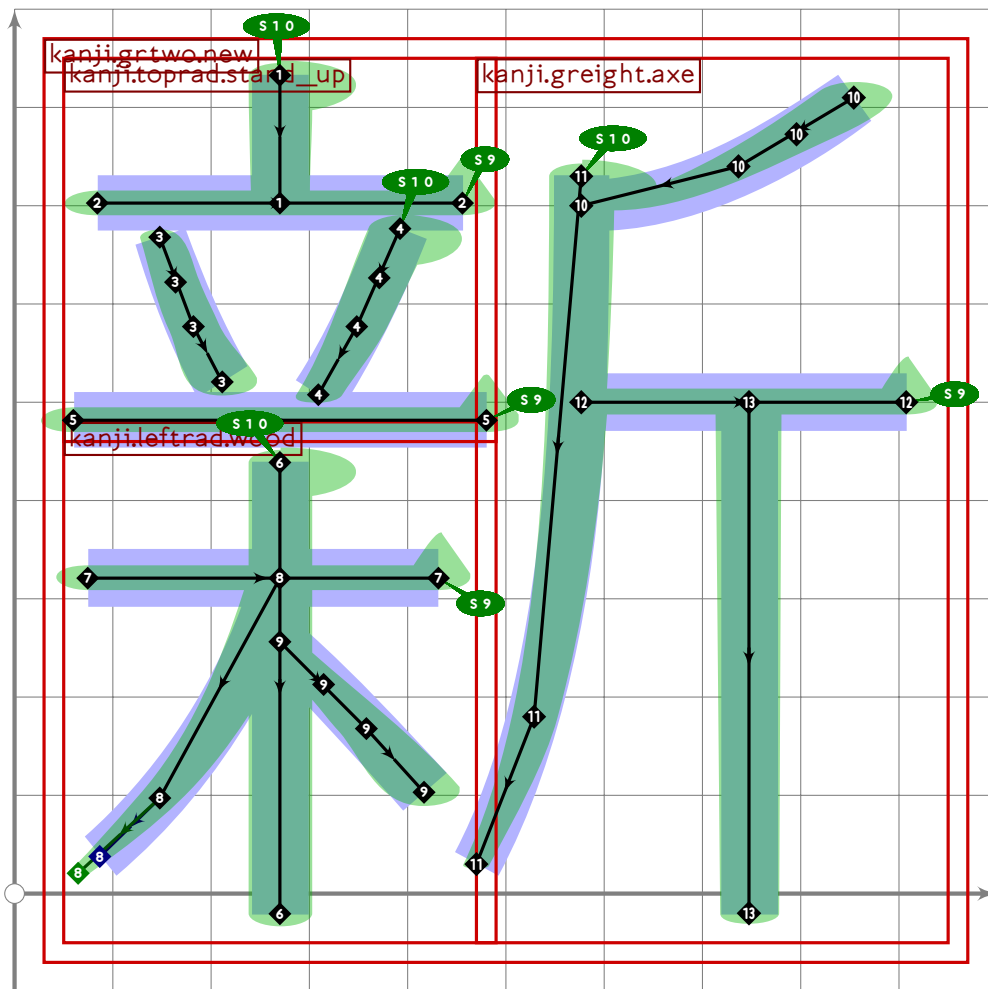
```
1 %
2 % Unicode page 65 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

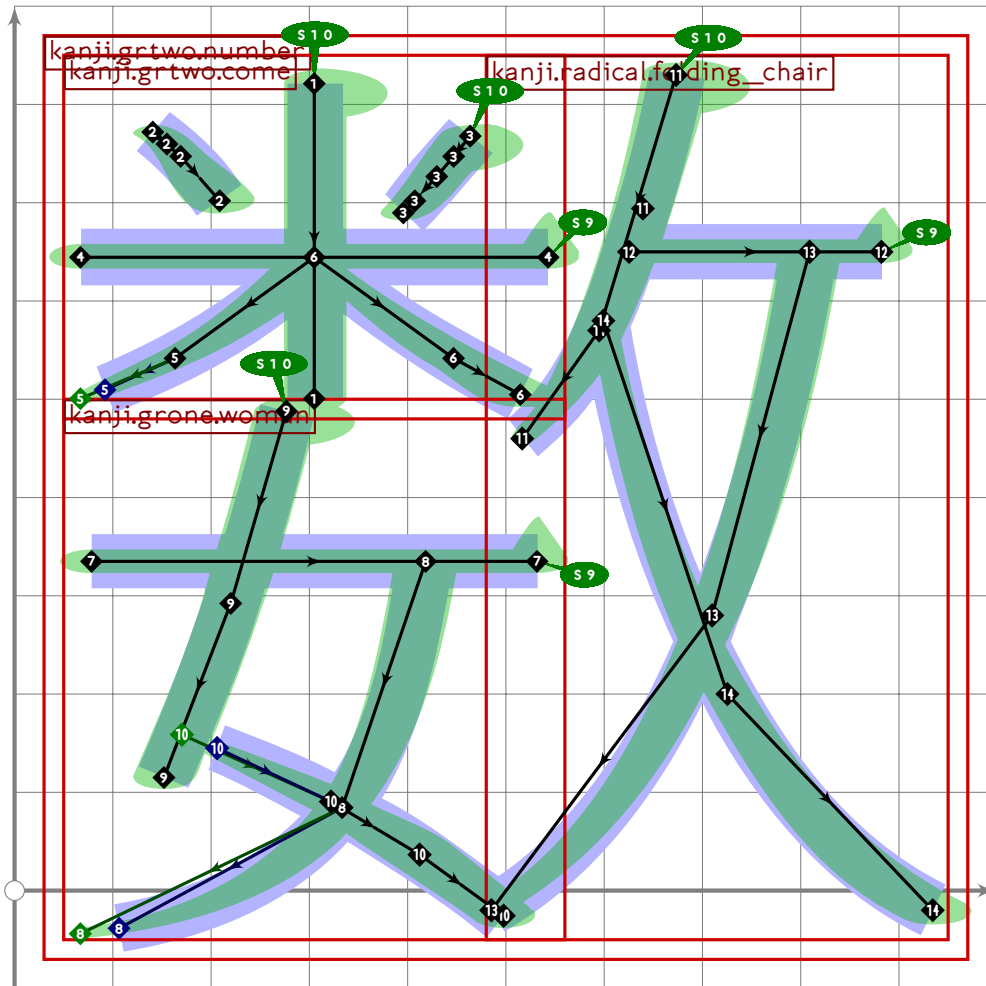

```



```

51
52 vardef kanji.grtwo.new =
53   push_pbox_toexpand("kanji.grtwo.new");
54   build_kanji.level(build_kanji.lr(480,20)
55     (build_kanji.tb(470,20)
56       (kanji.toprad.stand_up)
57       (kanji.leftrad.wood))
58     (kanji.greight.axe));
59   expand_pbox;
60 enddef;

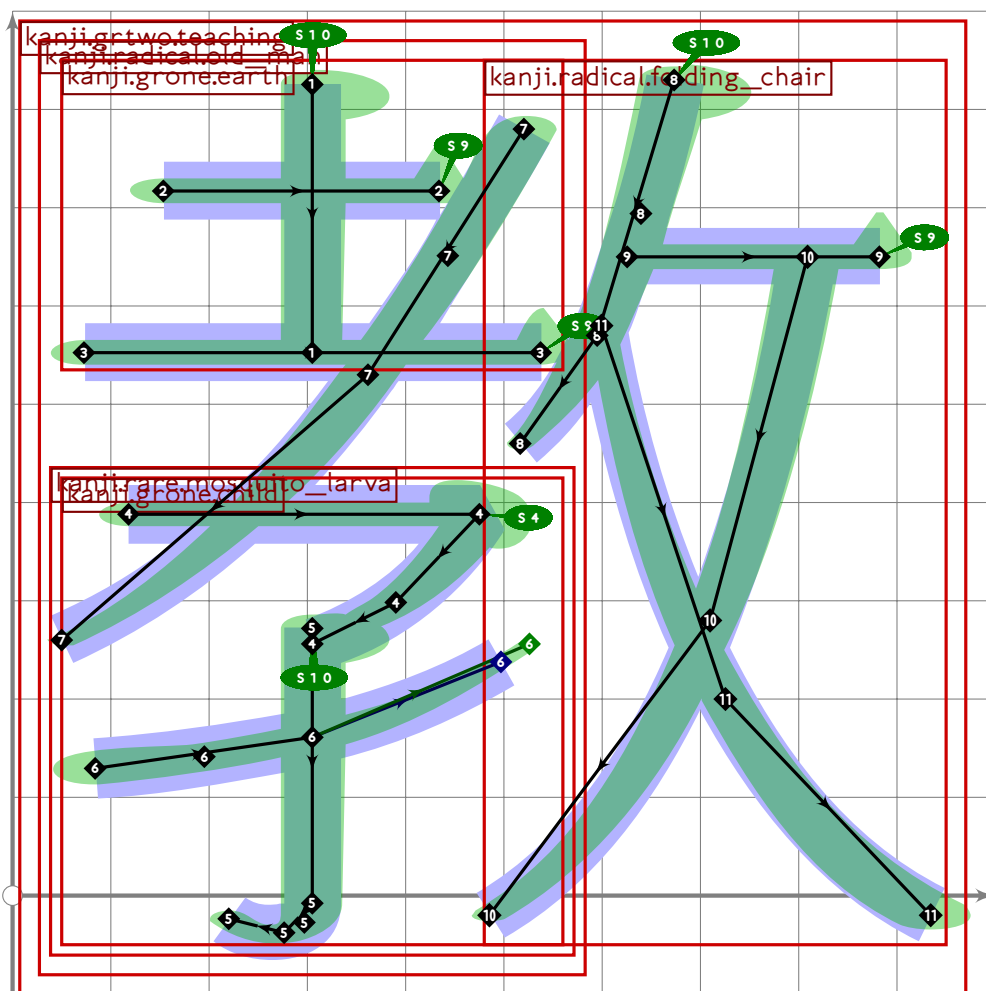
```



```

61
62 vardef kanji.grtwo.number =
63   push_pbox_toexpand("kanji.grtwo.number");
64   build_kanji.level(build_kanji.lr(520,80)
65     (build_kanji.tb(490,20)
66       (kanji.grtwo.come;
67         set_bosize(-5,0);
68         replace_stroke(-4)(oldp shifted (0,80));
69         replace_stroke(-4)((1.2,1.2)-(1.4,1.4)-(1.7,1.7));
70         set_boserif(-4,0,whatever);
71         replace_stroke(-3)(oldp shifted (0,60)))
72       (kanji.grone.woman))
73     (kanji.radical.folding_chair));
74   expand_pbox;
75 enddef;

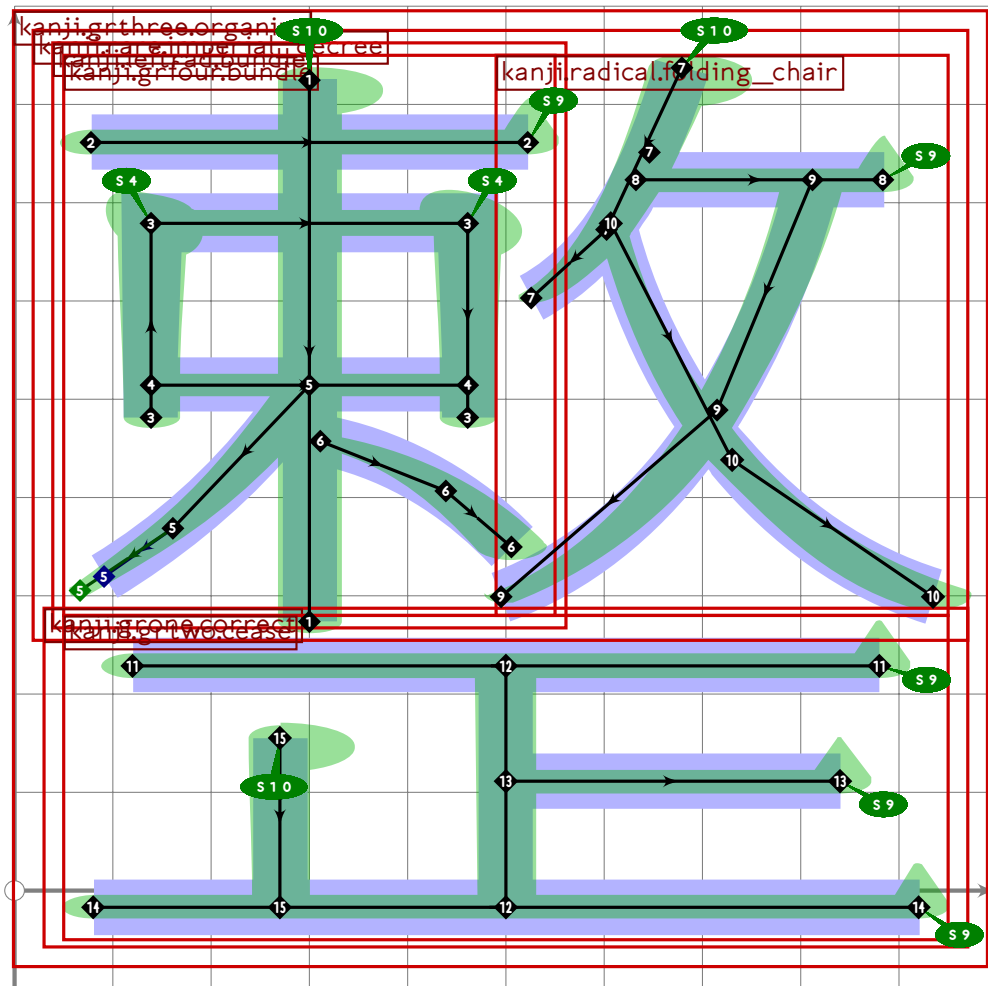
```



```

76
77 vardef kanji.grtwo.teaching =
78   push_pbox_toexpand("kanji.grtwo.teaching");
79   build_kanji.level(build_kanji.lr(520,80)
80     (kanji.radical.old_man(kanji.rare.mosquito_larva))
81     (kanji.radical.folding_chair));
82   expand_pbox;
83 enddef;
84
85

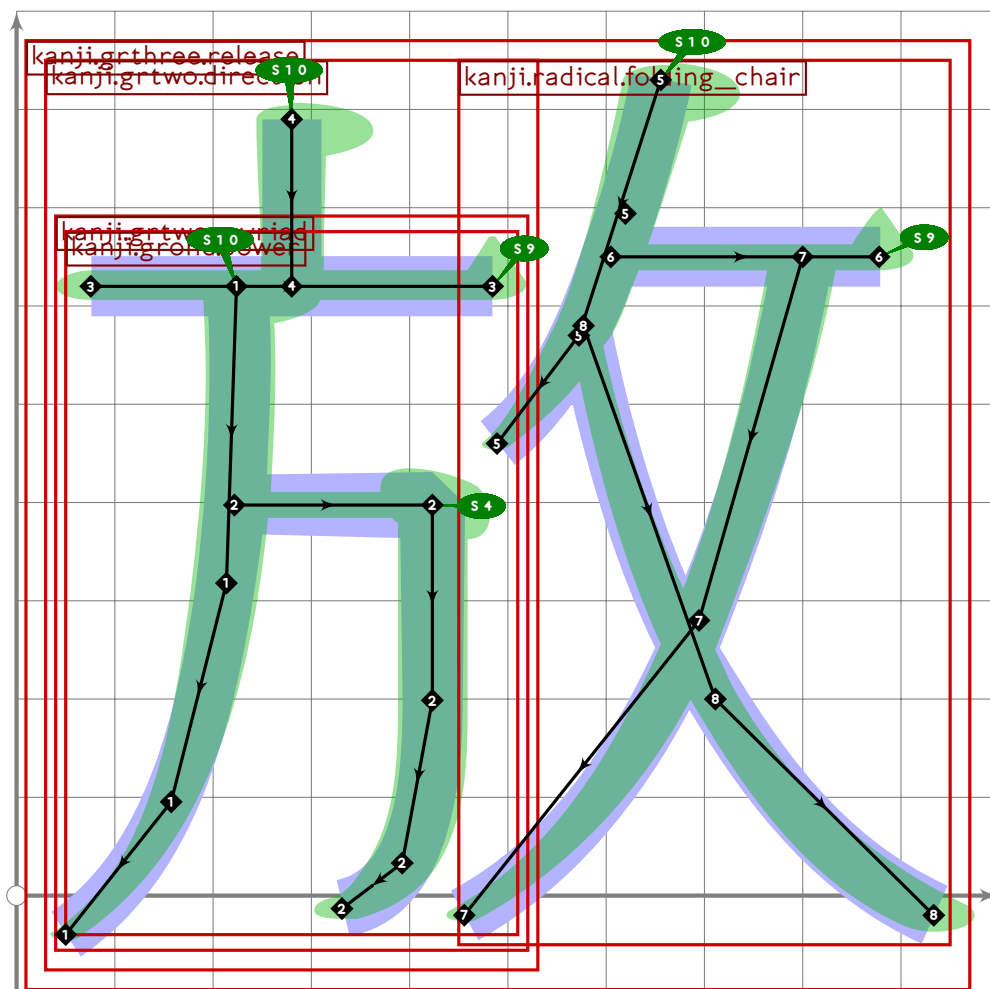
```



```

86
87 vardef kanji.grthree.organize =
88   push_pbox_toexpand("kanji.grthree.organize");
89   build_kanji.level(build_kanji.tb(280,0)
90     (kanji.rare.imperial_decree)
91     (kanji.grone.correct));
92   expand_pbox;
93 enddef;

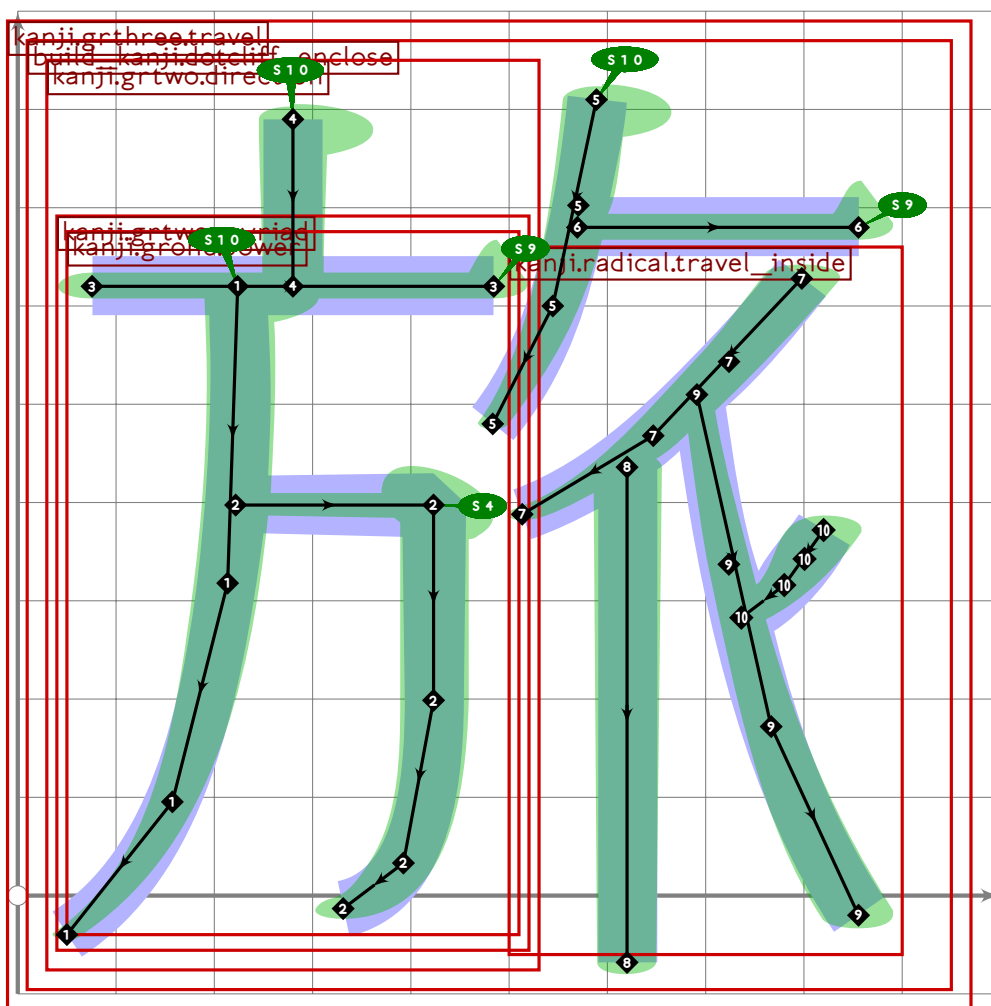
```



```

94
95 vardef kanji.grthree.release =
96   push__pbox__toexpand("kanji.grthree.release");
97   build__kanji.level(build__kanji.lr(480,60)
98     (kanji.grtwo.direction)
99     (kanji.radical.folding__chair));
100   expand__pbox;
101 enddef;

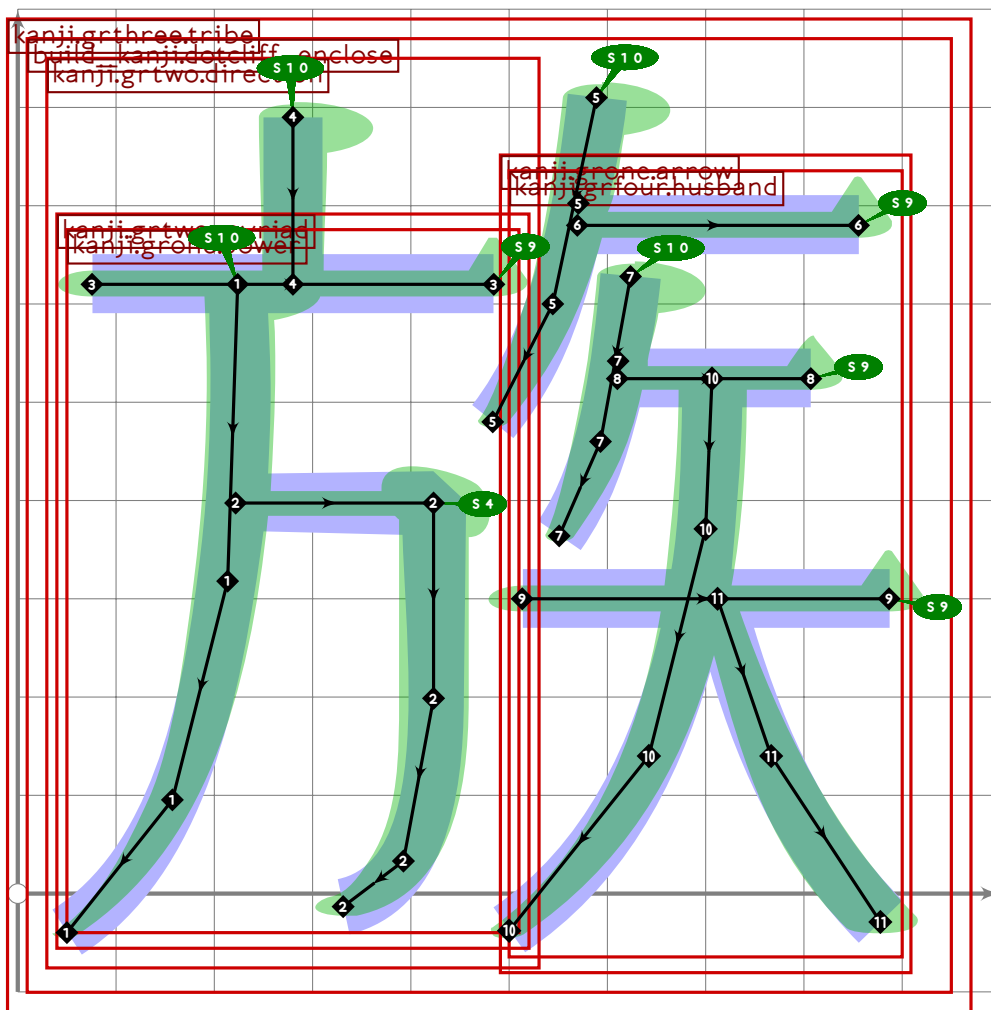
```



```

102
103 vardef kanji.grthree.travel =
104   push_pbox_toexpand("kanji.grthree.travel");
105   build_kanji.level(build_kanji.flag_enclose(0.8,0.8)
106     (kanji.radical.travel_inside));
107   expand_pbox;
108 enddef;

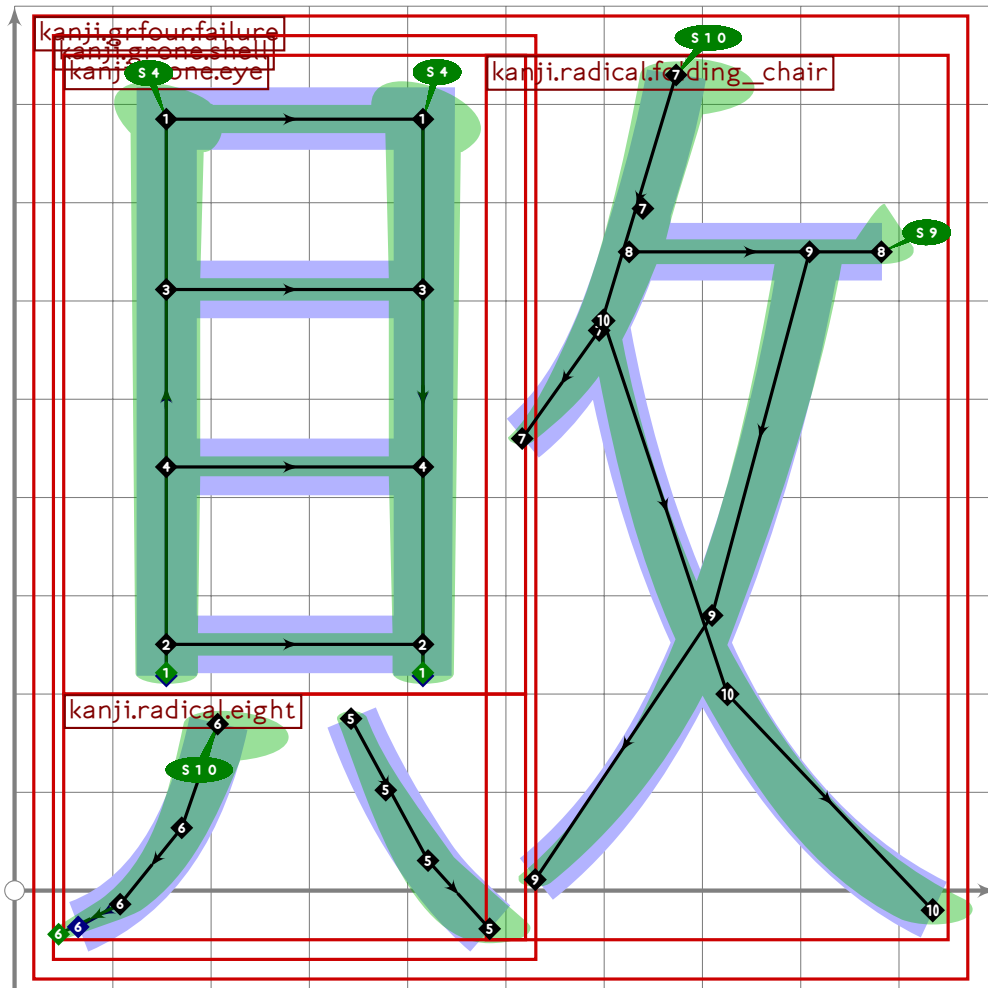
```



```

109
110 vardef kanji.grthree.tribe =
111   push_pbox_toexpand("kanji.grthree.tribe");
112   build_kanji.level(build_kanji.flag_enclose(0.8,0.8)(
113     kanji.grtwo.arrow;
114     replace_strokep(-4)(oldp shifted (-500,0)
115       xscaled 0.86 shifted (500,0));
116     replace_strokep(-3)(oldp shifted (-500,0)
117       xscaled 0.86 shifted (500,0))));
118   expand_pbox;
119 enddef;
120
121

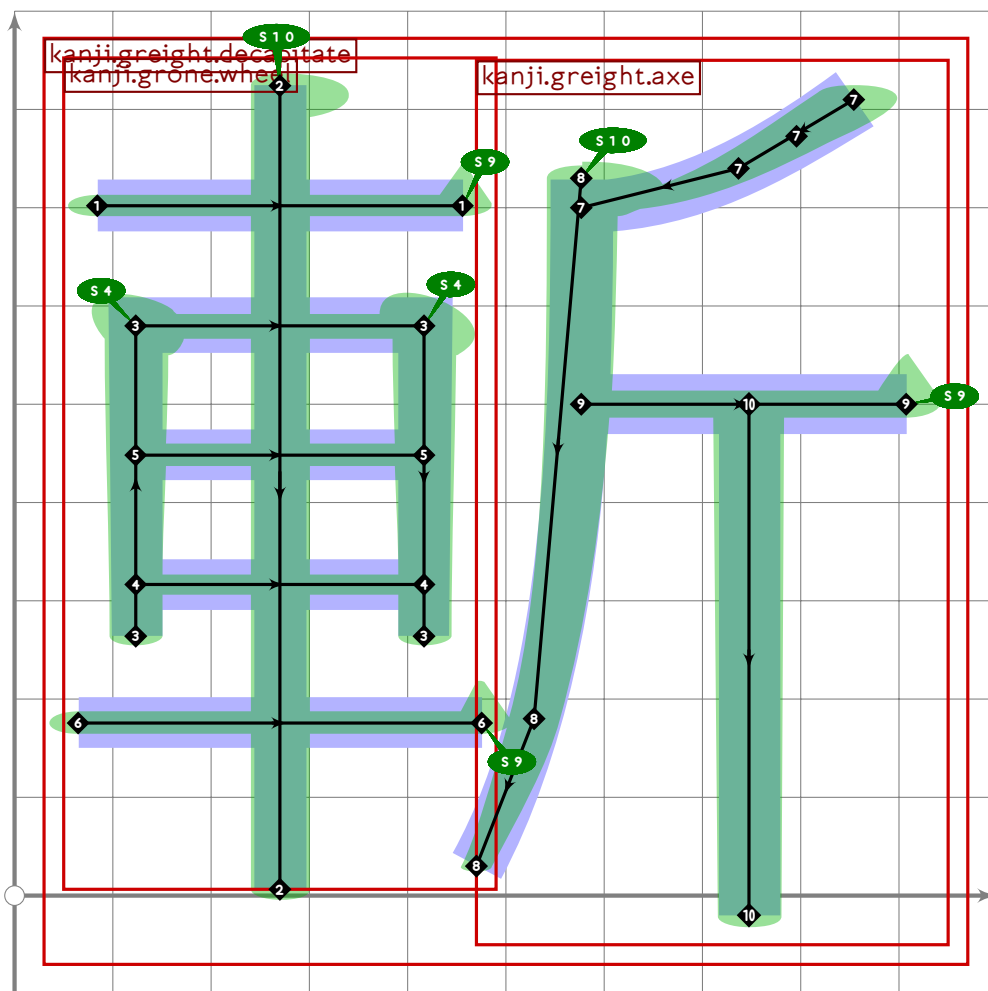
```



```

122
123 vardef kanji.grfour.failure =
124   push_pbox_toexpand("kanji.grfour.failure");
125   build_kanji.level(build_kanji.lr(500,40)
126     (kanji.grone.shell)
127     (kanji.radical.folding_chair;
128       replace_stroke(-1)(subpath (0,length(oldp)-0.17) of oldp)));
129   expand_pbox;
130 enddef;
131
132

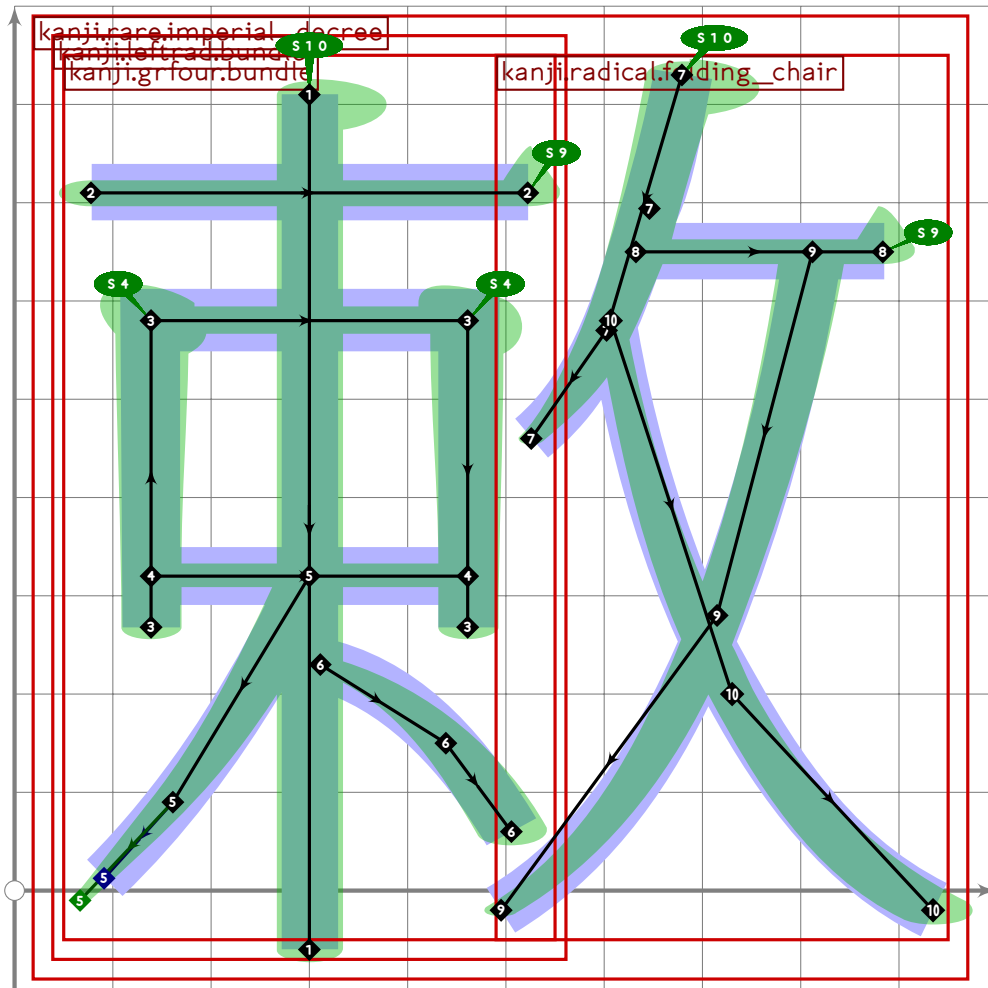
```



```

133
134 vardef kanji.greight.decapitate =
135   push_pbox_toexpand("kanji.greight.decapitate");
136   build_kanji.lr(480,20)
137     (build_kanji.sscale(yscaled 0.94 shifted (0,30))
138       (kanji.grone.wheel))
139     (kanji.greight.axe);
140   expand_pbox;
141 enddef;
142
143

```



```

144
145 vardef kanji.rare.imperial_decree =
146   push_pbox_toexpand("kanji.rare.imperial_decree");
147   build_kanji.level(build_kanji.lr(520,60)
148     (kanji.leftrad.bundle)
149     (kanji.radical.folding_chair));
150   expand_pbox;
151 enddef;
152
153
154
155 vardef kanji.leftrad.bundle =
156   push_pbox_toexpand("kanji.leftrad.bundle");
157   kanji.grfour.bundle;
158   replace_strokep(0)((520,230)..(750,150)..(870,60));
159   expand_pbox;
160 enddef;
161
162
163
164 % shi/sasa "support"

```

165 begintsuglyph("uni652F";47); [see page 628]  
 166 kanji.grfive.support;  
 167 tsu\_render;  
 168 endtsuglyph;  
 169  
 170 % "folding chair" radical  
 171 begintsuglyph("uni6535";53); [see page 665]  
 172 kanji.radical.folding\_chair;  
 173 tsu\_render;  
 174 endtsuglyph;  
 175  
 176 % hou/hana "release"  
 177 begintsuglyph("uni653E";62); [see page 2154]  
 178 kanji.grthree.release;  
 179 tsu\_render;  
 180 endtsuglyph;  
 181  
 182 % choku/imashi "imperial decree"  
 183 begintsuglyph("uni6555";85); [see page 2159]  
 184 kanji.rare.imperial\_decree;  
 185 tsu\_render;  
 186 endtsuglyph;  
 187  
 188 % hai/yabu "failure"  
 189 begintsuglyph("uni6557";87); [see page 2157]  
 190 kanji.grfour.failure;  
 191 tsu\_render;  
 192 endtsuglyph;  
 193  
 194 % kyou/oshi "teaching"  
 195 begintsuglyph("uni6559";89); [see page 2152]  
 196 kanji.grtwo.teaching;  
 197 tsu\_render;  
 198 endtsuglyph;  
 199  
 200 % kei/uyama "respect"  
 201 begintsuglyph("uni656C";108); [see page 637]  
 202 kanji.grsix.respect;  
 203 tsu\_render;  
 204 endtsuglyph;  
 205  
 206 % suu/kazu "number"  
 207 begintsuglyph("uni6570";112); [see page 2151]  
 208 kanji.grtwo.number;  
 209 tsu\_render;  
 210 endtsuglyph;  
 211  
 212 % sei/totono "organize"

```

213 begintsuglyph("uni6574";116);
214   kanji.grthree.organize;
215   tsu_render;
216 endtsuglyph;
217
218 % bun/fumi "sentence"
219 begintsuglyph("uni6587";135);
220   kanji.grone.sentence;
221   tsu_render;
222 endtsuglyph;
223
224 % to/masu "dipper"
225 begintsuglyph("uni6597";151);
226   kanji.greight.dipper;
227   tsu_render;
228 endtsuglyph;
229
230 % kin/ono "axe"
231 begintsuglyph("uni65A4";164);
232   kanji.greight.axe;
233   tsu_render;
234 endtsuglyph;
235

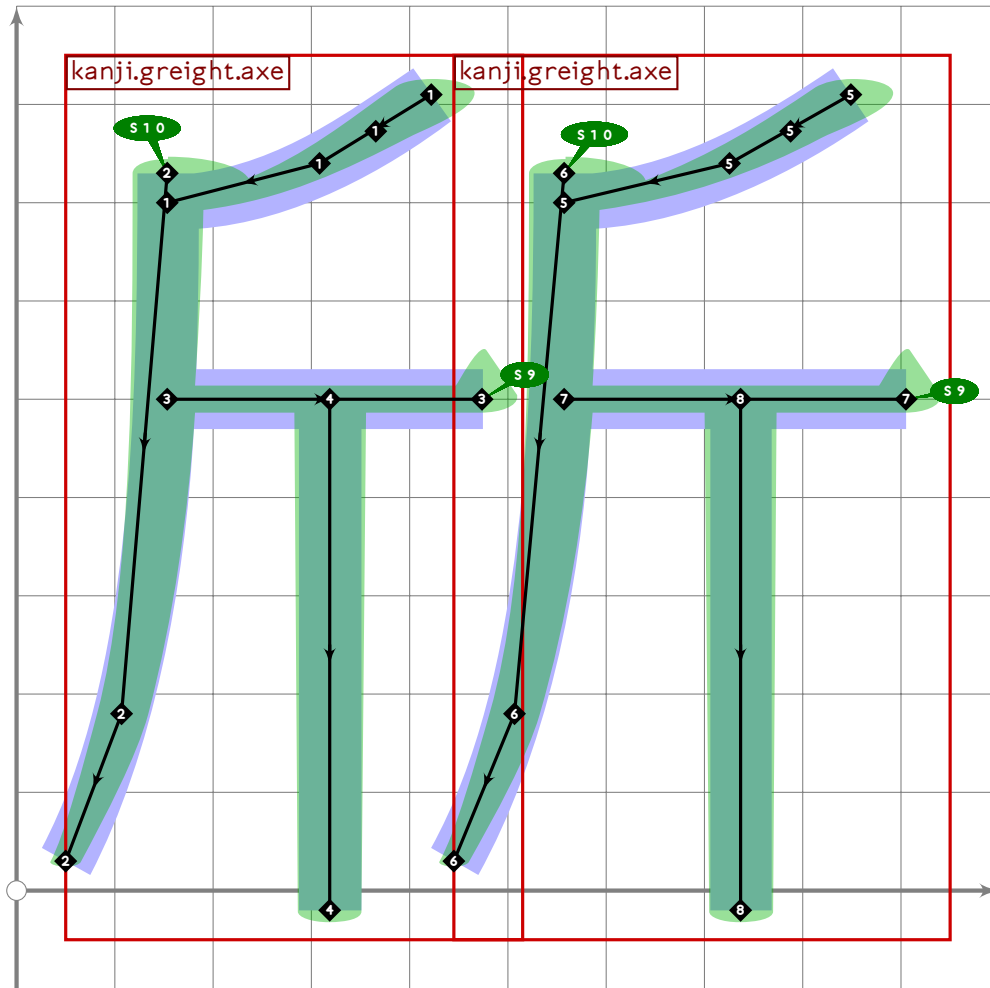
```

[see page 2153]

[see page 460]

[see page 705]

[see page 700]



```

236 % extra
237 begintsuglyph("uni65A6";166);
238   build_kanji.level(build_kanji.lr(480,70)
239     (kanji.greight.axe)
240     (kanji.greight.axe));
241   tsu_render;
242 endtsuglyph;
243
244 % zan/ki "decapitate
245 begintsuglyph("uni65AC";172);
246   kanji.greight.decapitate;
247   tsu_render;
248 endtsuglyph;
249
250 % shin/atara "new"
251 begintsuglyph("uni65B0";176);
252   kanji.grtwo.new;
253   tsu_render;
254 endtsuglyph;
255
256 % hou/kata "direction" or "how to do it"

```

[see page 2158]

[see page 2150]

257 `begintsuglyph("uni65B9";185);` [see page 490]  
 258 `kanji.grtwo.direction;`  
 259 `tsu_render;`  
 260 `endtsuglyph;`  
 261  
 262 `% needed for "play"`  
 263 `begintsuglyph("uni65BF";191);` [see page 790]  
 264 `kanji.rare.swim;`  
 265 `tsu_render;`  
 266 `endtsuglyph;`  
 267  
 268 `% ryo/tabi "travel"`  
 269 `begintsuglyph("uni65C5";197);` [see page 2155]  
 270 `kanji.grthree.travel;`  
 271 `tsu_render;`  
 272 `endtsuglyph;`  
 273  
 274 `% zoku "tribe"`  
 275 `begintsuglyph("uni65CF";207);` [see page 2156]  
 276 `kanji.grthree.tribe;`  
 277 `tsu_render;`  
 278 `endtsuglyph;`  
 279  
 280 `% hi/nichi "day"`  
 281 `begintsuglyph("uni65E5";229);` [see page 421]  
 282 `kanji.grone.day;`  
 283 `tsu_render;`  
 284 `endtsuglyph;`  
 285  
 286 `% tan/aki "daybreak"`  
 287 `begintsuglyph("uni65E6";230);` [see page 703]  
 288 `kanji.greight.daybreak;`  
 289 `tsu_render;`  
 290 `endtsuglyph;`  
 291  
 292 `% kyu/furu "old times"`  
 293 `begintsuglyph("uni65E7";231);` [see page 624]  
 294 `kanji.grfive.old_times;`  
 295 `tsu_render;`  
 296 `endtsuglyph;`  
 297  
 298 `% shi/mune/uma "vaguely good" or "uma" in "umami"`  
 299 `begintsuglyph("uni65E8";232);` [see page 712]  
 300 `kanji.greight.glutamate;`  
 301 `tsu_render;`  
 302 `endtsuglyph;`  
 303  
 304 `% hayaku "early"`

```
305 begintsuglyph("uni65E9";233); [see page 425]
306   kanji.grone.early;
307   tsu_render;
308 endtsuglyph;
309
310 _____
311
312 endfont;
313
314 _____
```

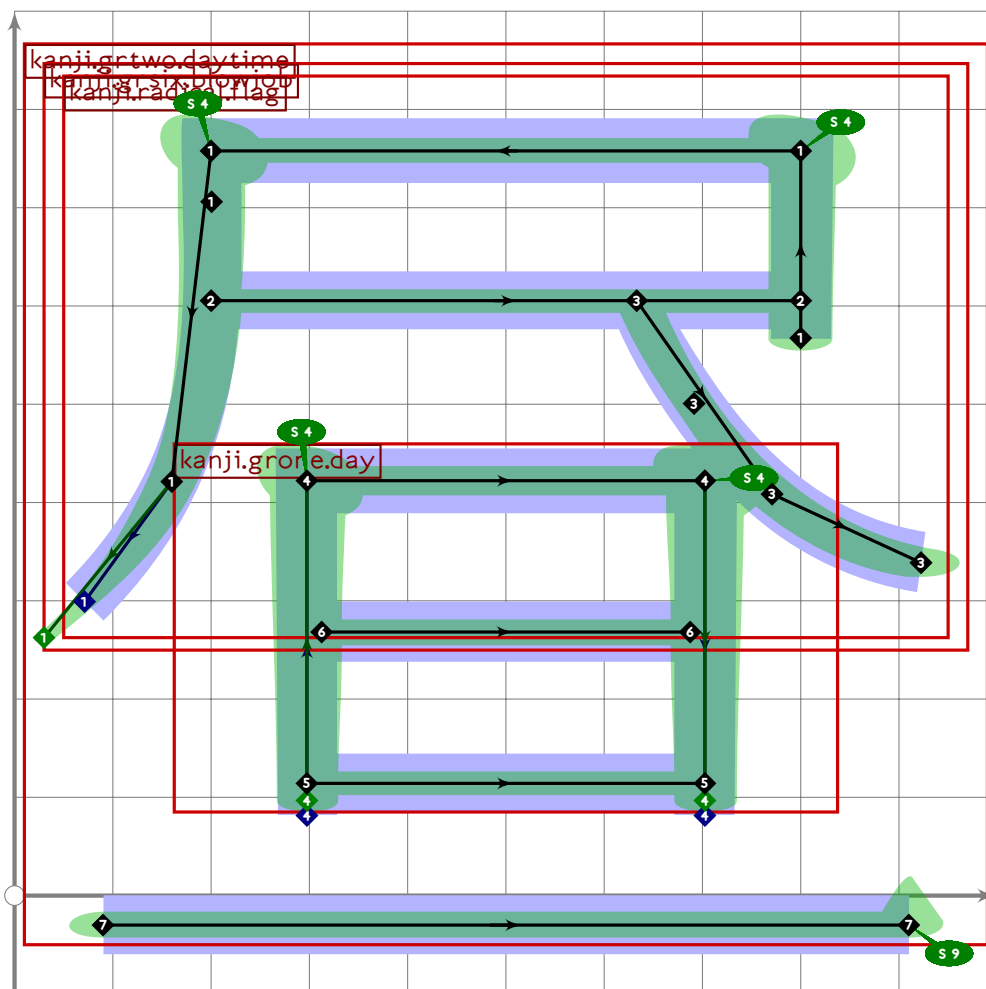
```
1 %
2 % Unicode page 66 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

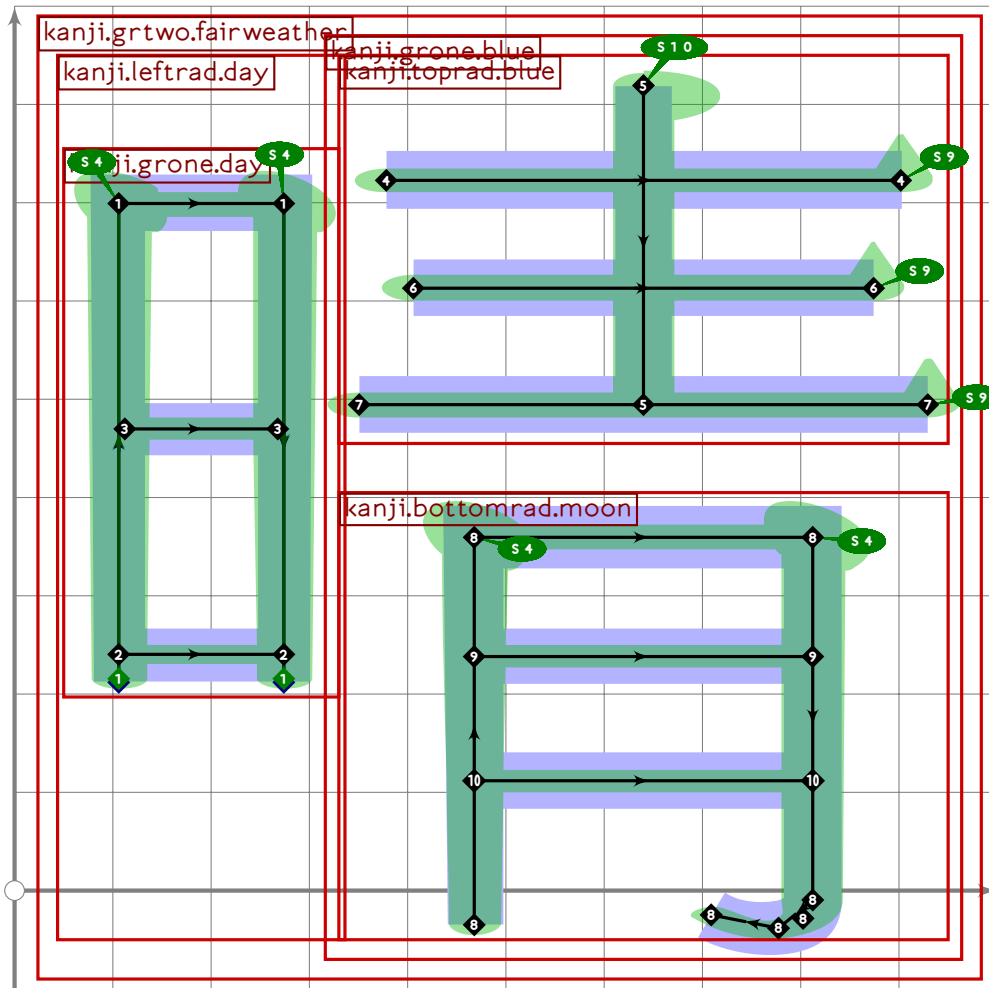

```



```

53
54 vardef kanji.grtwo.daytime =
55   push_pbox_toexpand("kanji.grtwo.daytime");
56   build_kanji.level(build_kanji.sscale(yscaled 0.9 shifted (0,30))
57     (build_kanji.tb(360,290)
58       (build_kanji.spread_legs(280)(kanji.grsix.blowjob))
59       (build_kanji.sscale(scaled 0.75)(kanji.grone.day)));
60   push_stroke((90,-30)-(910,-30),(1.6,1.6)-(1.6,1.6));
61   set_boserif(0,19));
62   expand_pbox;
63 enddef;

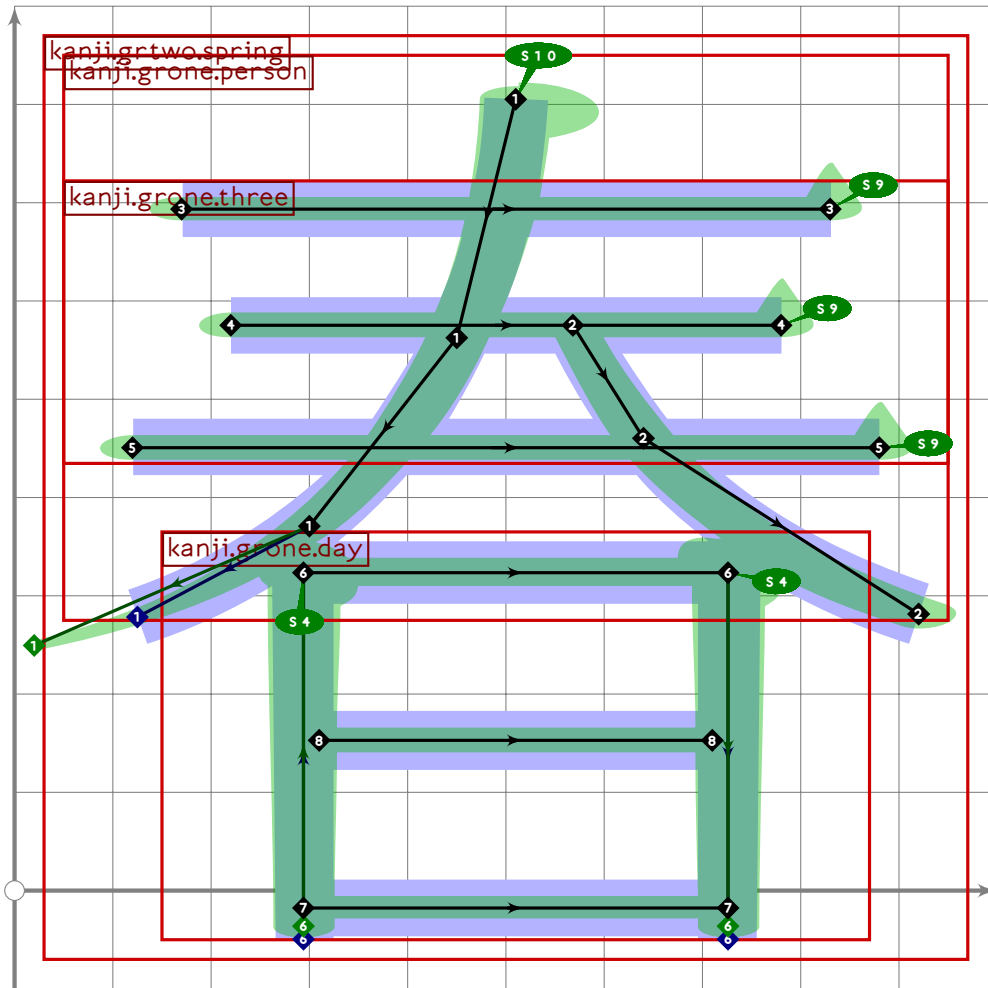
```



```

64
65 vardef kanji.grtwo.fairweather =
66   push_pbox_toexpand("kanji.grtwo.fairweather");
67   build_kanji.lr(330,0)
68     (kanji.leftrad.day)
69     (kanji.grone.blue);
70   expand_pbox;
71 enddef;

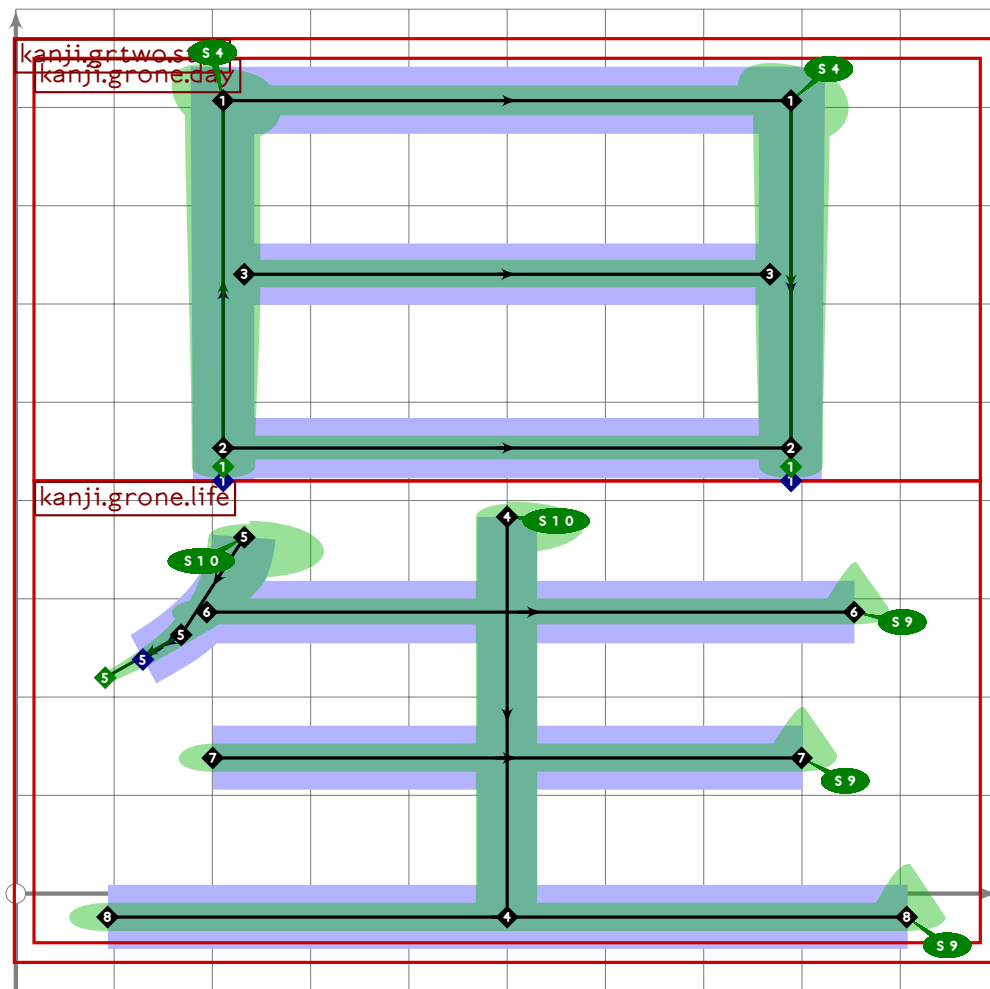
```



```

72
73 vardef kanji.grtwo.spring =
74   push_pbox_toexpand("kanji.grtwo.spring");
75   build_kanji.tb(320,90)
76   (kanji.grone.person;
77     build_kanji.sscale(xyscaled (1,0.5) shifted (0,30))
78     (kanji.grone.three);
79     replace_strokep(-3)
80     (subpath (xpart (oldp intersectiontimes get_strokep(-1)),infinity)
81       of oldp))
82   (build_kanji.sscale(xscaled 0.8 shifted (10,0))
83     (kanji.grone.day));
84   expand_pbox;
85 enddef;

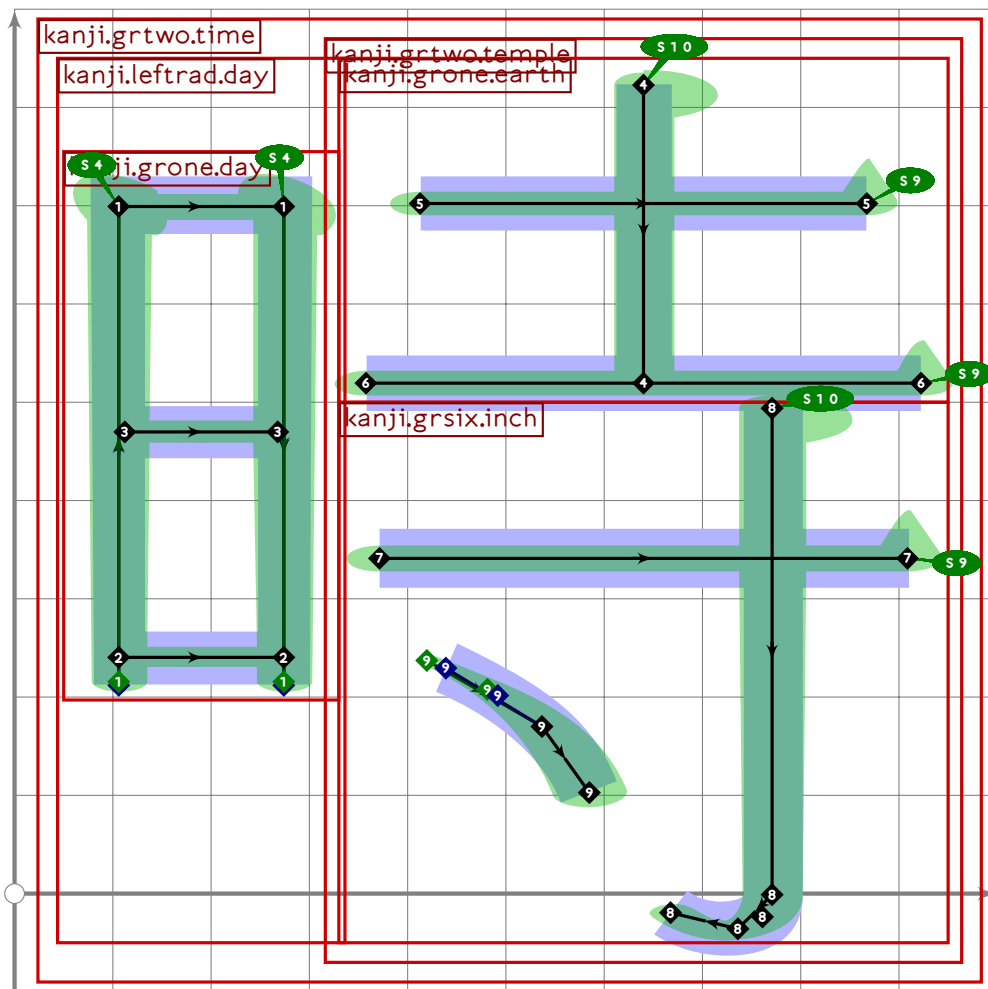
```



```

86
87 vardef kanji.grtwo.star =
88   push_pbox_toexpand("kanji.grtwo.star");
89   build_kanji.sscale(xscaled 1.07)(build_kanji.tb(420,0)
90     (kanji.grone.day)
91     (kanji.grone.life));
92   expand_pbox;
93 enddef;

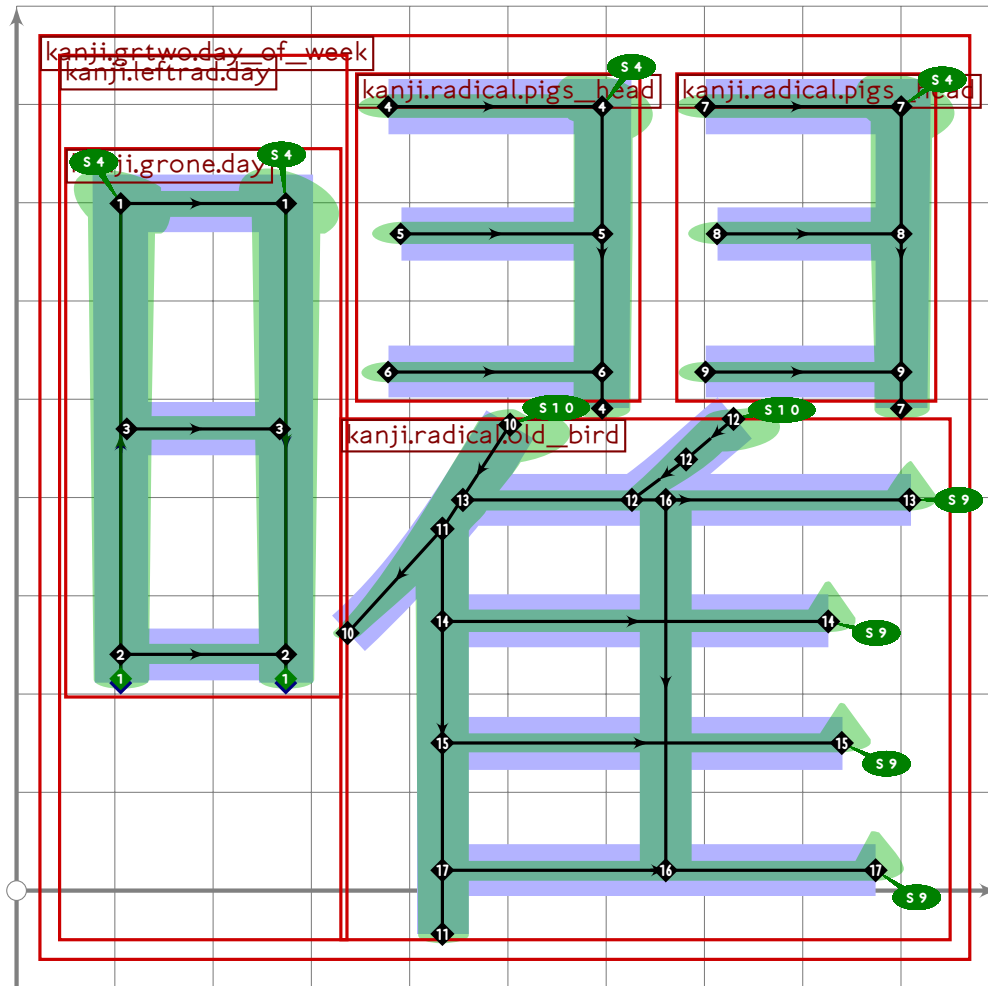
```



```

94
95 vardef kanji.grtwo.time =
96   push_pbox_toexpand("kanji.grtwo.time");
97   build_kanji.lr(330,0)
98     (kanji.leftrad.day)
99     (kanji.grtwo.temple);
100   expand_pbox;
101 enddef;

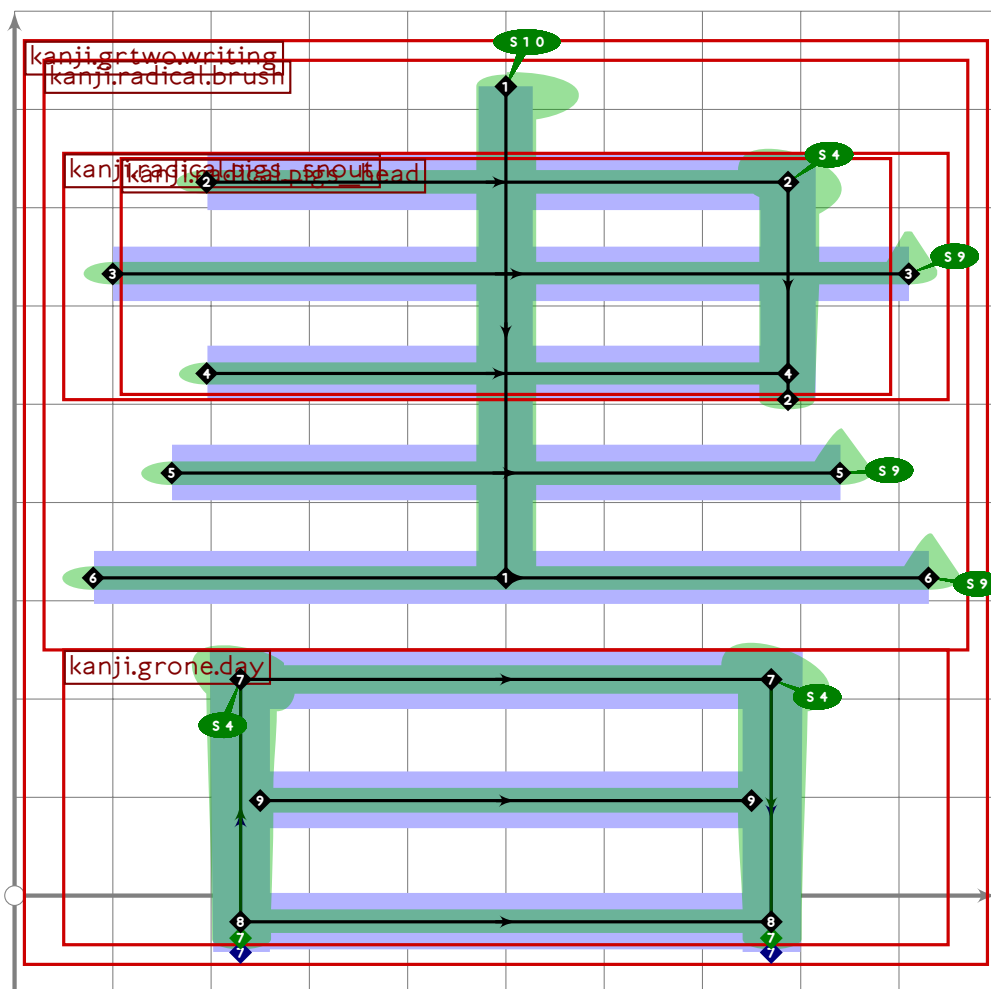
```



```

102
103 vardef kanji.grtwo.day_of_week =
104   push_pbox_toexpand("kanji.grtwo.day_of_week");
105   build_kanji.level(build_kanji.lr(330,0)
106     (kanji.leftrad.day)
107     (build_kanji.tb(480,0)
108       (build_kanji.lr(520,-10)
109         (build_kanji.sscale(scaled 0.9)
110           (kanji.radical.pigs_head))
111         (build_kanji.sscale(scaled 0.9)
112           (kanji.radical.pigs_head)))
113       (kanji.radical.old_bird)));
114   expand_pbox;
115 enddef;
116

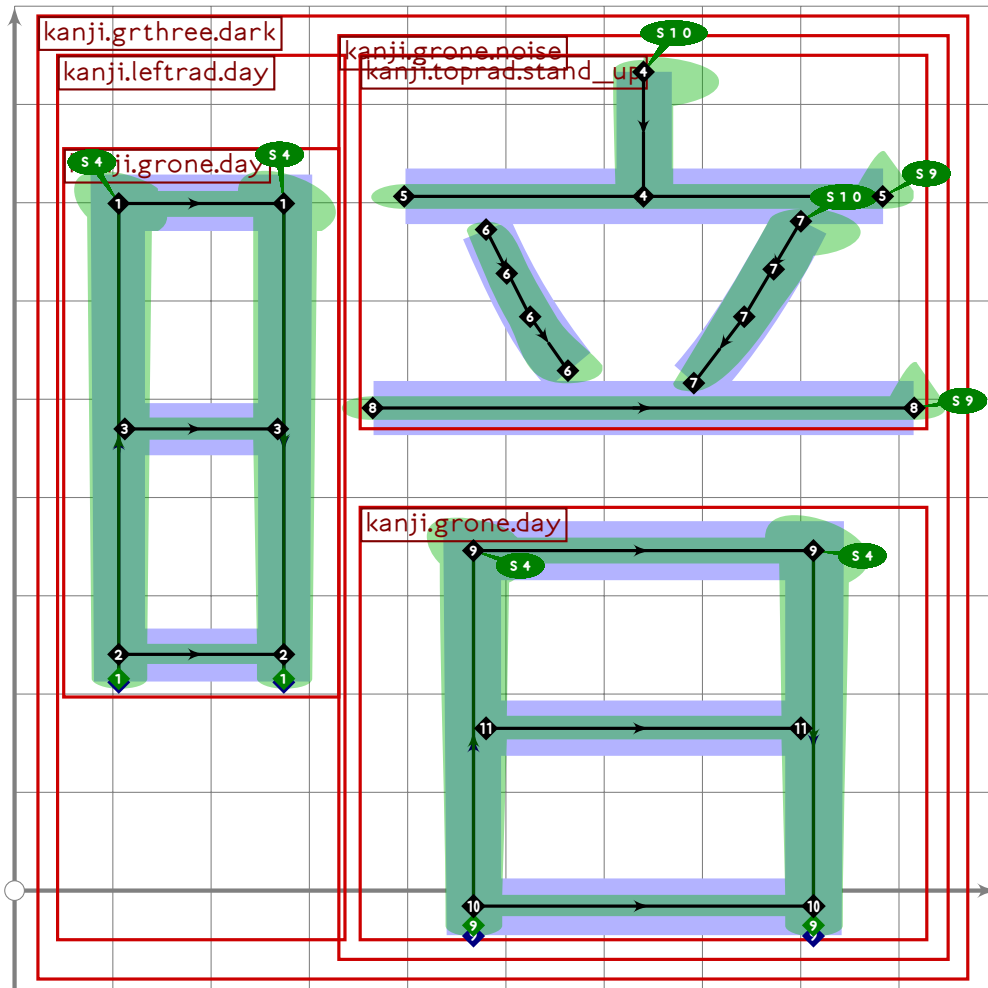
```



```

117 % "write" is a reserved word
118 vardef kanji.grtwo.writing =
119   push_pbox_toexpand("kanji.grtwo.writing");
120   build_kanji.tb(250,0)
121   (kanji.radical.brush;
122     replace_strokep(-5)((point 0 of oldp)-
123       (oldp intersectionpoint get_strokep(0))))
124   (kanji.grone.day);
125   expand_pbox;
126 enddef;
127
128

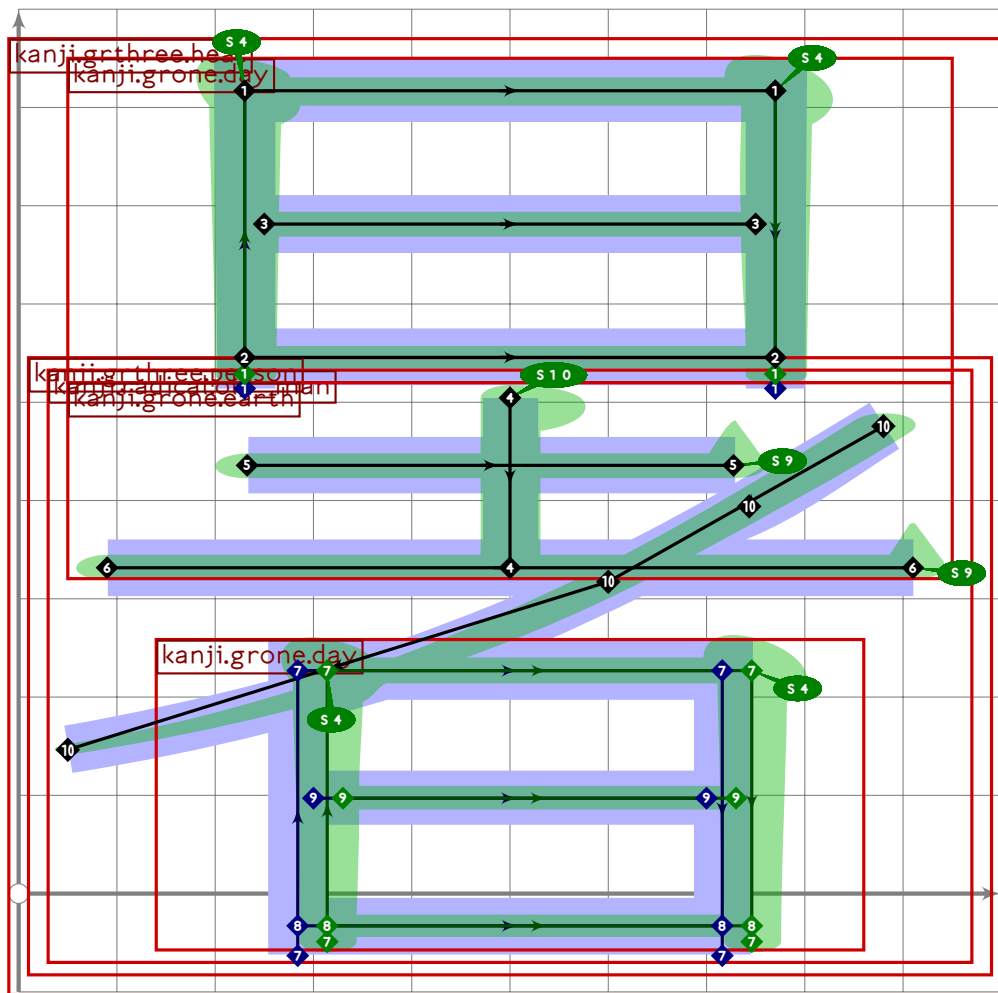
```



```

129
130 vardef kanji.grthree.dark =
131   push_pbox_toexpand("kanji.grthree.dark");
132   build_kanji.lr(330,0)
133     (kanji.leftrad.day)
134     (kanji.grone.noise);
135   expand_pbox;
136 enddef;

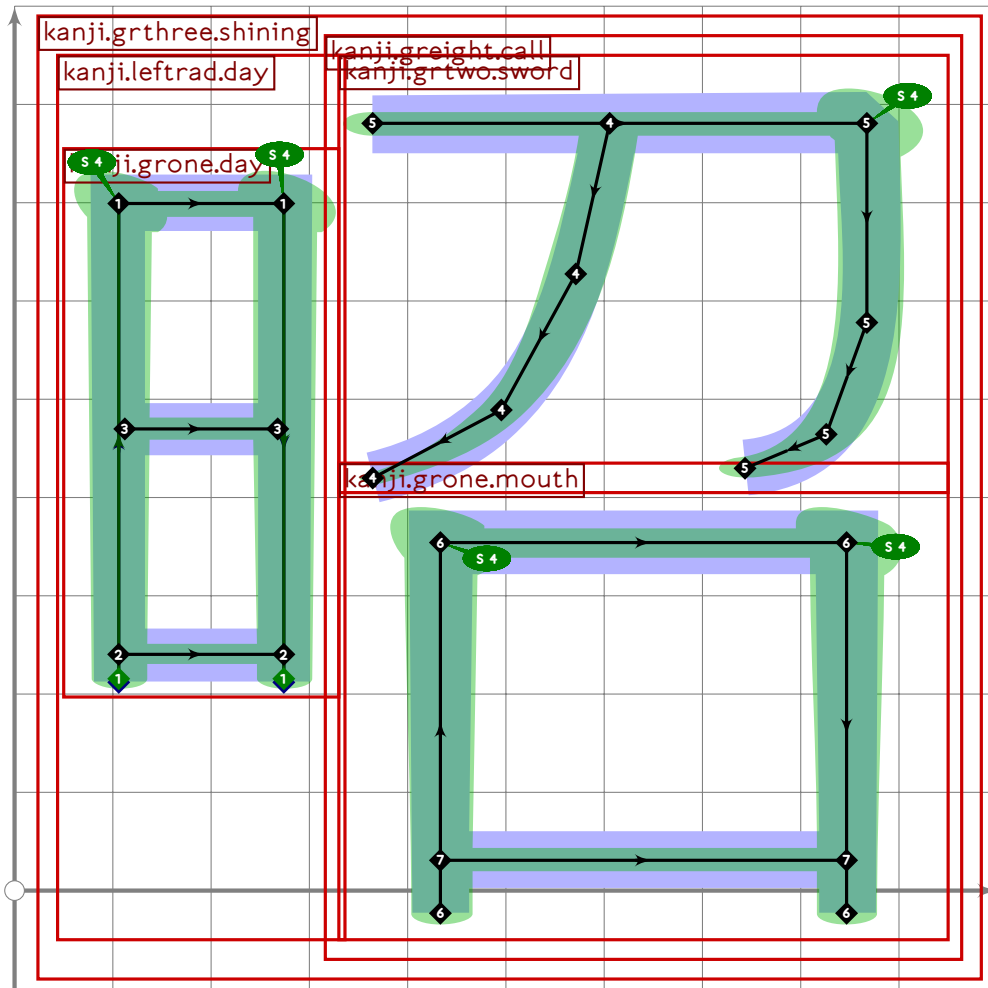
```



```

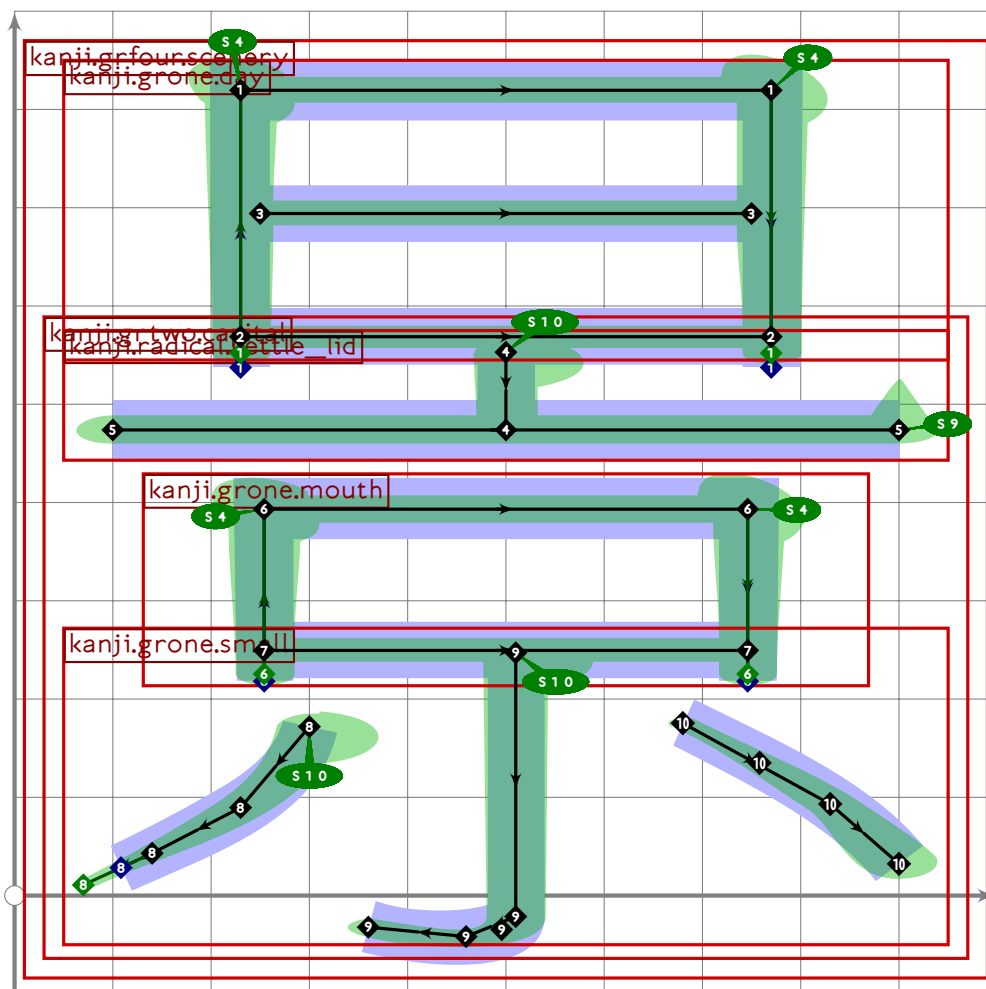
137
138 vardef kanji.grthree.heat =
139   push_pbox_toexpand("kanji.grthree.heat");
140   build_kanji.tb(520,0)
141     (kanji.grone.day)
142     (kanji.grthree.person);
143   expand_pbox;
144 enddef;

```



```

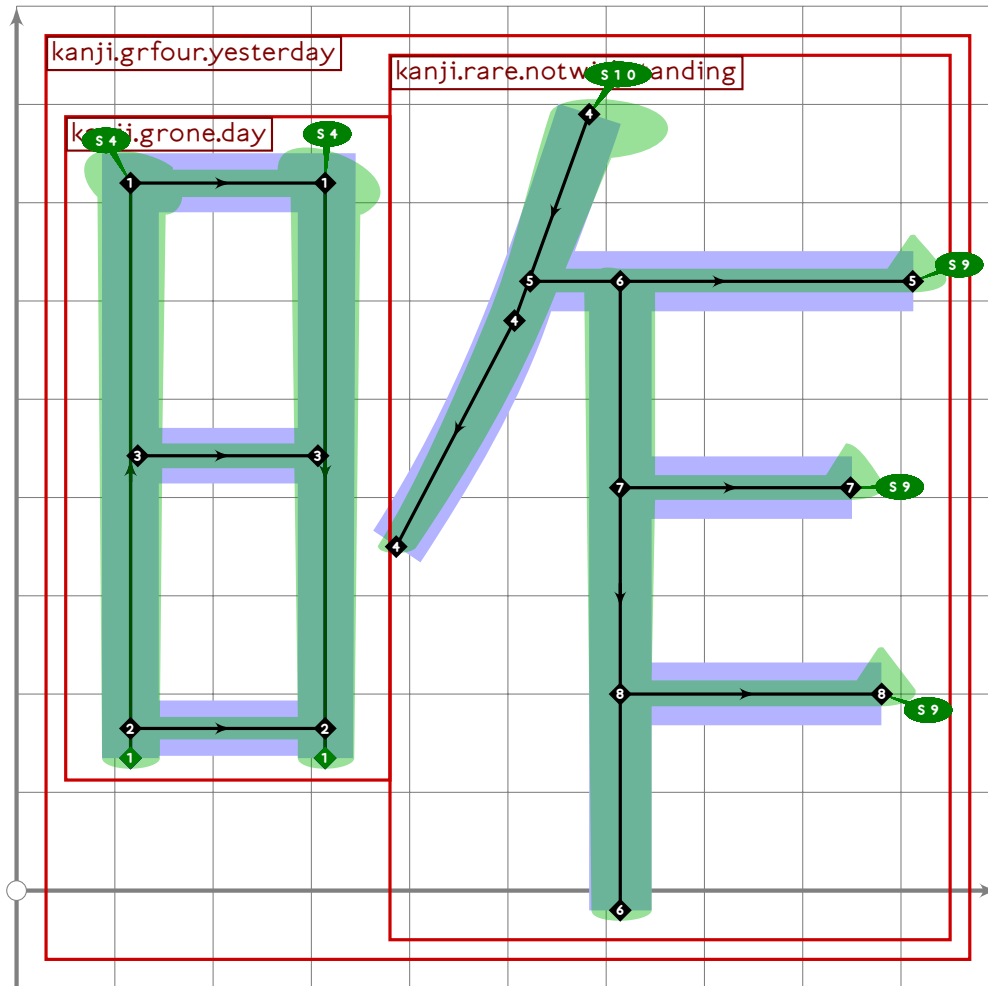
145
146 vardef kanji.grthree.shining =
147   push_pbox_toexpand("kanji.grthree.shining");
148   build_kanji.lr(330,0)
149     (kanji.leftrad.day)
150     (kanji.greight.call);
151   expand_pbox;
152 enddef;
153
154
```



```

155
156 vardef kanji.grfour.scenery =
157   push_pbox_toexpand("kanji.grfour.scenery");
158   build_kanji.level(build_kanji.tb(560,30)
159     (kanji.grone.day)
160     (kanji.grtwo.capital));
161   expand_pbox;
162 enddef;

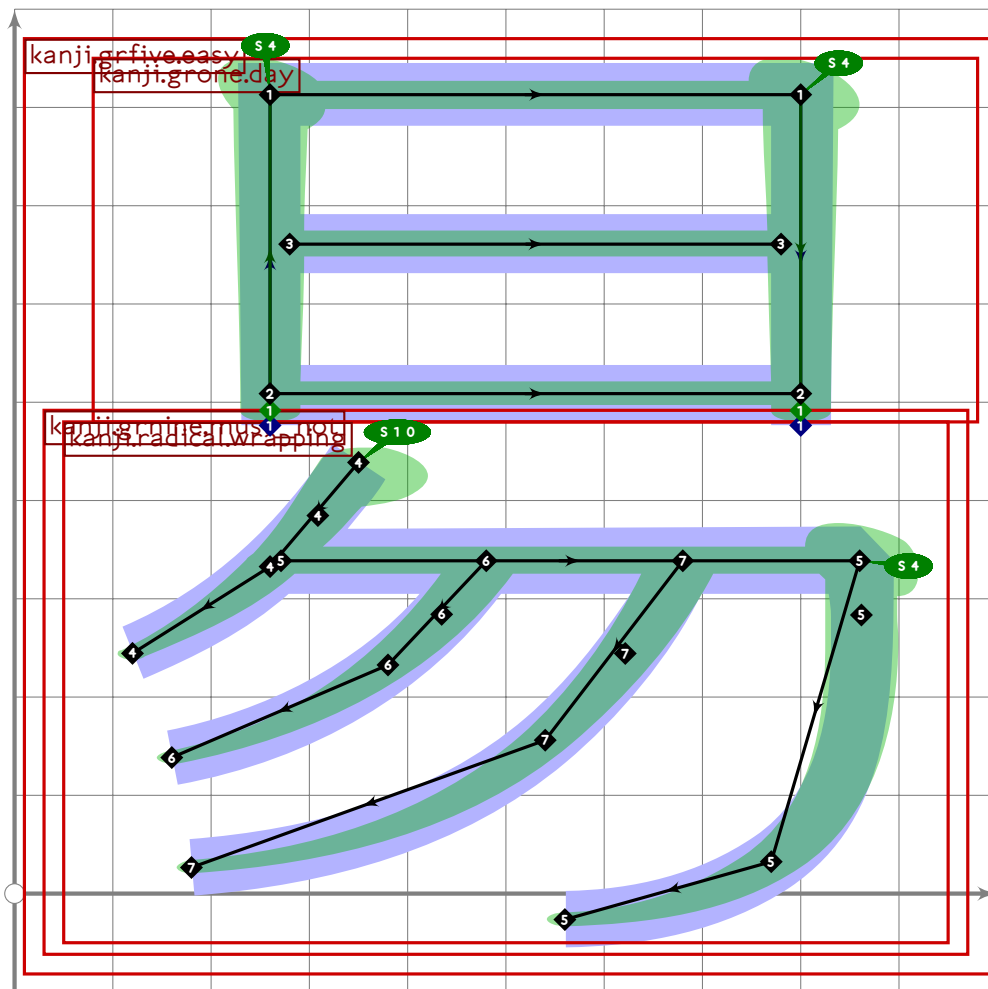
```



```

163
164 vardef kanji.grfour.yesterday =
165   push_pbox_toexpand("kanji.grfour.yesterday");
166   build_kanji.lr(380,0)
167     (tsu_xform(identity shifted (0,-600) yscaled 0.75 shifted (0,600))
168      (kanji.grone.day))
169     (kanji.rare.notwithstanding);
170   expand_pbox;
171 enddef;
172
173

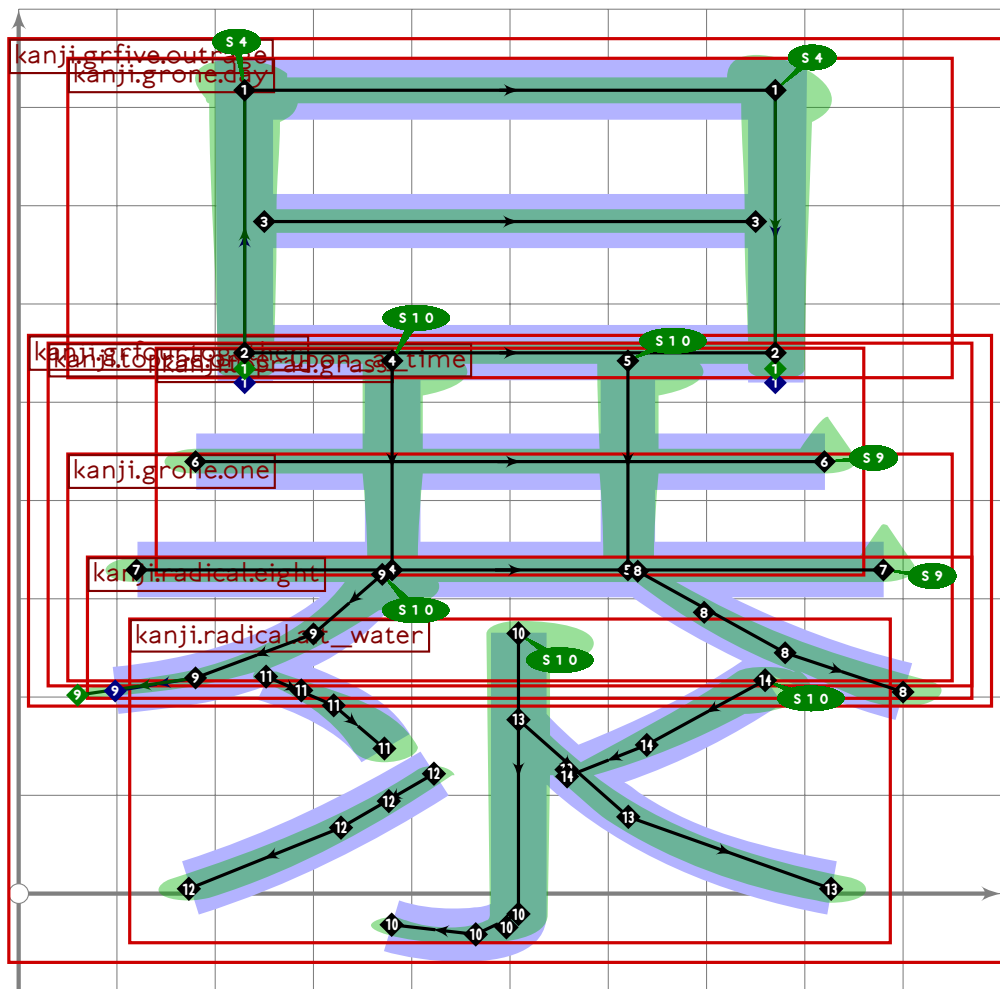
```



```

174
175 vardef kanji.grfive.easy =
176   push_pbox_toexpand("kanji.grfive.easy");
177   build_kanji.tb(480,0)
178     (tsu_xform(identity shifted (30,0))(kanji.grone.day))
179     (kanji.grnine.must_not);
180   expand_pbox;
181 enddef;

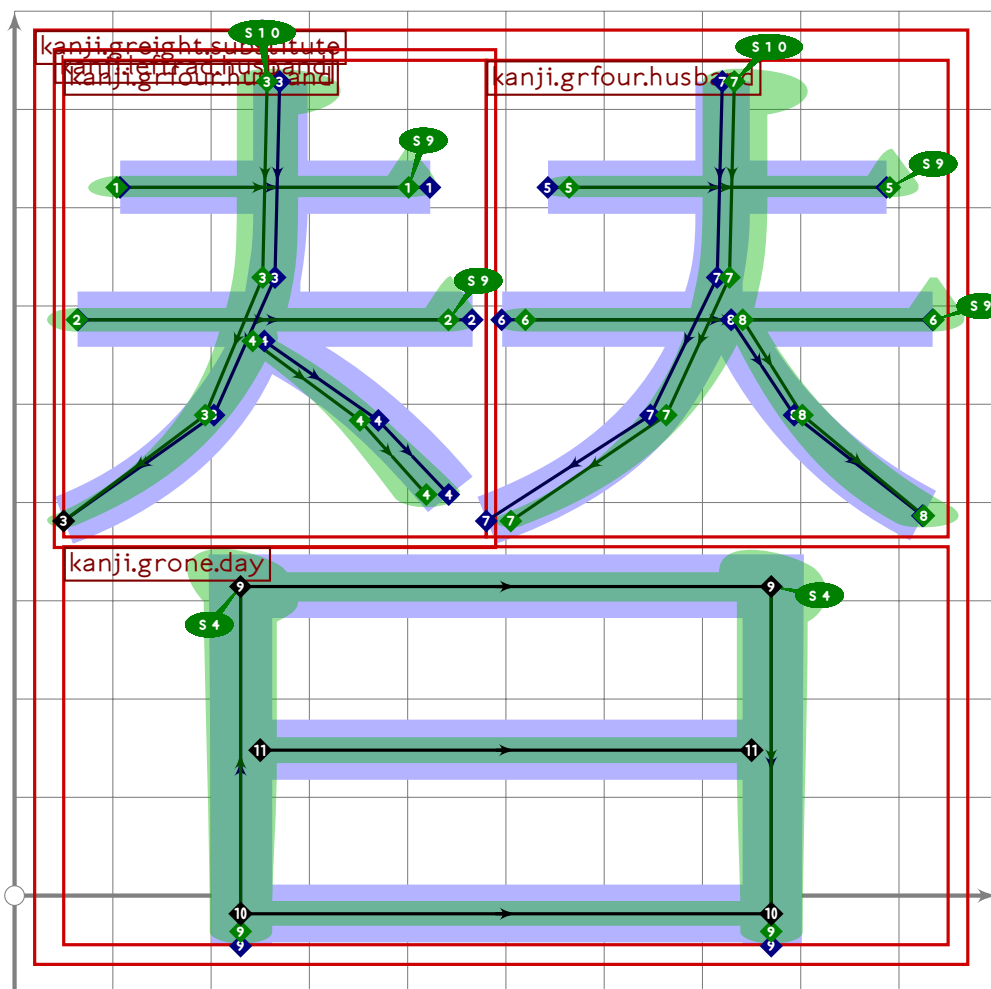
```



```

182
183 vardef kanji.grfive.outrage =
184   push_pbox_toexpand("kanji.grfive.outrage");
185   build_kanji.level(build_kanji.tb(540,30)
186     (kanji.grone.day)
187     (build_kanji.tb(380,120)
188       (kanji.grfour.together)
189       (build_kanji.sscale(xscaled 0.86)(kanji.radical.alt_water);
190         replace_stroke(-3)(oldp shifted (70,90));
191         replace_stroke(0)(oldp shifted (-50,90))));
192   expand_pbox;
193 enddef;
194
195

```



```

196
197 vardef kanji.greight.substitute =
198   push_pbox_toexpand("kanji.greight.substitute");
199   build_kanji.tb(360,-10)
200     (build_kanji.lr(480,-50*mincho)
201       (kanji.leftrad.husband)
202       (kanji.grfour.husband))
203     (kanji.grone.day);
204   expand_pbox;
205 enddef;
206
207
208
209 % shou/sakan "prosperity"
210 begintsuglyph("uni660C";12);
211   kanji.grnine.prosperity;
212   tsu_render;
213 endtsuglyph;
214
215 % mei/aka "light"
216 begintsuglyph("uni660E";14);

```

[see page 749]

[see page 512]

```

217  kanji.grtwo.light;
218  tsu_render;
219 endtsuglyph;
220
221 % eki/yasi/yasu "easy"
222 begintsuglyph("uni6613";19); [see page 2178]
223  kanji.grfive.easy;
224  tsu_render;
225 endtsuglyph;
226
227 % seki/mukashi "once upon a time"
228 begintsuglyph("uni6614";20); [see page 578]
229  kanji.grthree.once_upon_a_time;
230  tsu_render;
231 endtsuglyph;
232
233 % you "sun" or "open" (rare, but part of other chars)
234 begintsuglyph("uni661C";28); [see page 789]
235  kanji.rare.sun;
236  tsu_render;
237 endtsuglyph;
238
239 % sei/hoshi "star"
240 begintsuglyph("uni661F";31); [see page 2169]
241  kanji.grtwo.star;
242  tsu_render;
243 endtsuglyph;
244
245 % shun/haru "spring (season)"
246 begintsuglyph("uni6625";37); [see page 2168]
247  kanji.grtwo.spring;
248  tsu_render;
249 endtsuglyph;
250
251 % saku "yesterday"
252 begintsuglyph("uni6628";40); [see page 2177]
253  kanji.grfour.yesterday;
254  tsu_render;
255 endtsuglyph;
256
257 % shou "shining"
258 begintsuglyph("uni662D";45); [see page 2175]
259  kanji.grthree.shining;
260  tsu_render;
261 endtsuglyph;
262
263 % ze/kore "righteousness"
264 begintsuglyph("uni662F";47); [see page 724]

```

```

265 kanji.greight.righteousness;
266 tsu_render;
267 endtsuglyph;
268
269 % chuu/hiro "daytime"
270 begintsuglyph("uni663C";60); [see page 2166]
271 kanji.grtwo.daytime;
272 tsu_render;
273 endtsuglyph;
274
275 % jo/toki "time"
276 begintsuglyph("uni6642";66); [see page 2170]
277 kanji.grtwo.time;
278 tsu_render;
279 endtsuglyph;
280
281 % kei "scenery"
282 begintsuglyph("uni666F";111); [see page 2176]
283 kanji.grfour.scenery;
284 tsu_render;
285 endtsuglyph;
286
287 % sei/ha "fair or clear weather"
288 begintsuglyph("uni6674";116); [see page 2167]
289 kanji.grtwo.fairweather;
290 tsu_render;
291 endtsuglyph;
292
293 % sho/atsu "heat"
294 begintsuglyph("uni6691";145); [see page 2174]
295 kanji.grthree.heat;
296 tsu_render;
297 endtsuglyph;
298
299 % an/kura "dark"
300 begintsuglyph("uni6697";151); [see page 2173]
301 kanji.grthree.dark;
302 tsu_render;
303 endtsuglyph;
304
305 % bou/aba "outrage"
306 begintsuglyph("uni66B4";180); [see page 2179]
307 kanji.grfive.outrage;
308 tsu_render;
309 endtsuglyph;
310
311 % you "day of week"
312 begintsuglyph("uni66DC";220); [see page 2171]

```

```

313 kanji.grtwo.day_of_week;
314 tsu_render;
315 endtsuglyph;
316
317 % kyoku/ma "melody"
318 begintsuglyph("uni66F2";242);
319 kanji.grthree.melody;
320 tsu_render;
321 endtsuglyph;
322
323 % kou/sara "night watch"
324 begintsuglyph("uni66F4";244);
325 kanji.greight.night_watch;
326 tsu_render;
327 endtsuglyph;
328
329 % sho/ka "writing"
330 begintsuglyph("uni66F8";248);
331 kanji.grtwo.writing;
332 tsu_render;
333 endtsuglyph;
334
335 % tai/ka "substitute"
336 begintsuglyph("uni66FF";255);
337 kanji.greight.substitute;
338 tsu_render;
339 endtsuglyph;
340
341 _____
342
343 endfont;
344
345 _____

```

[see page 575]

[see page 717]

[see page 2172]

[see page 2180]

```

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

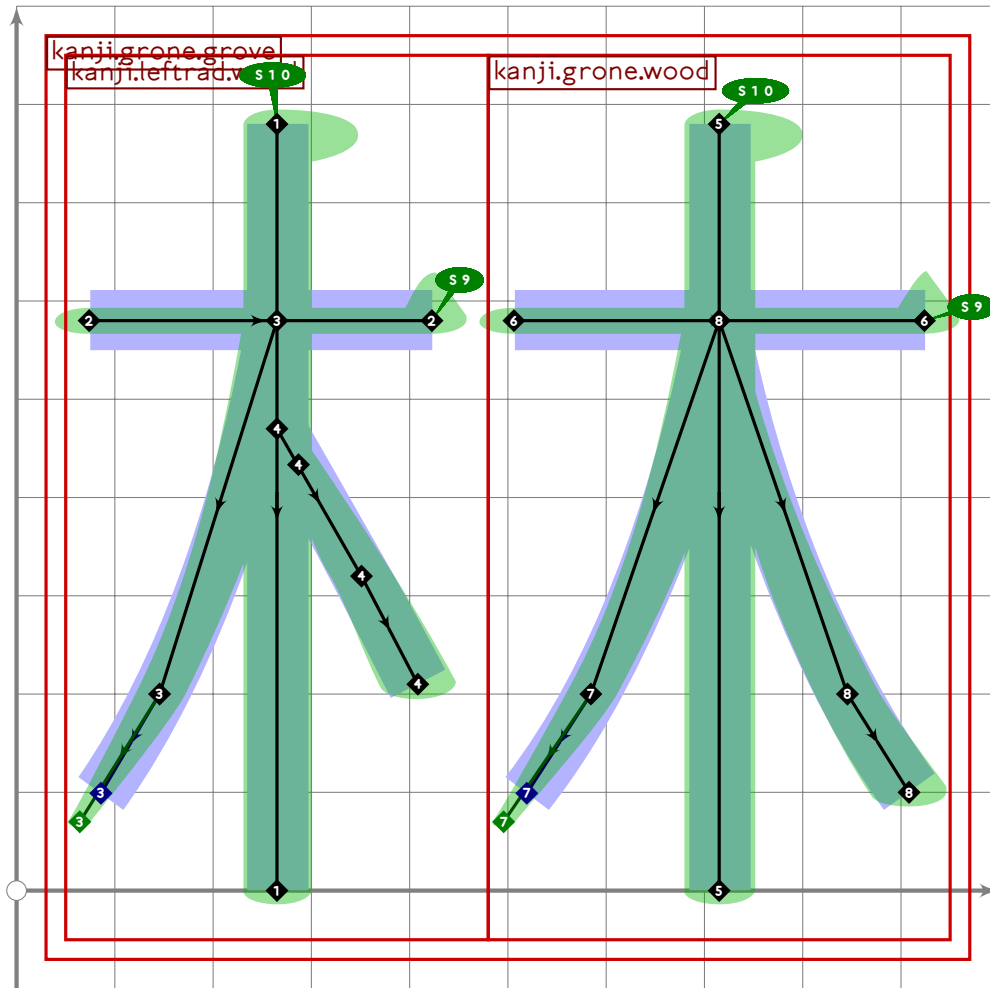
---


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

---



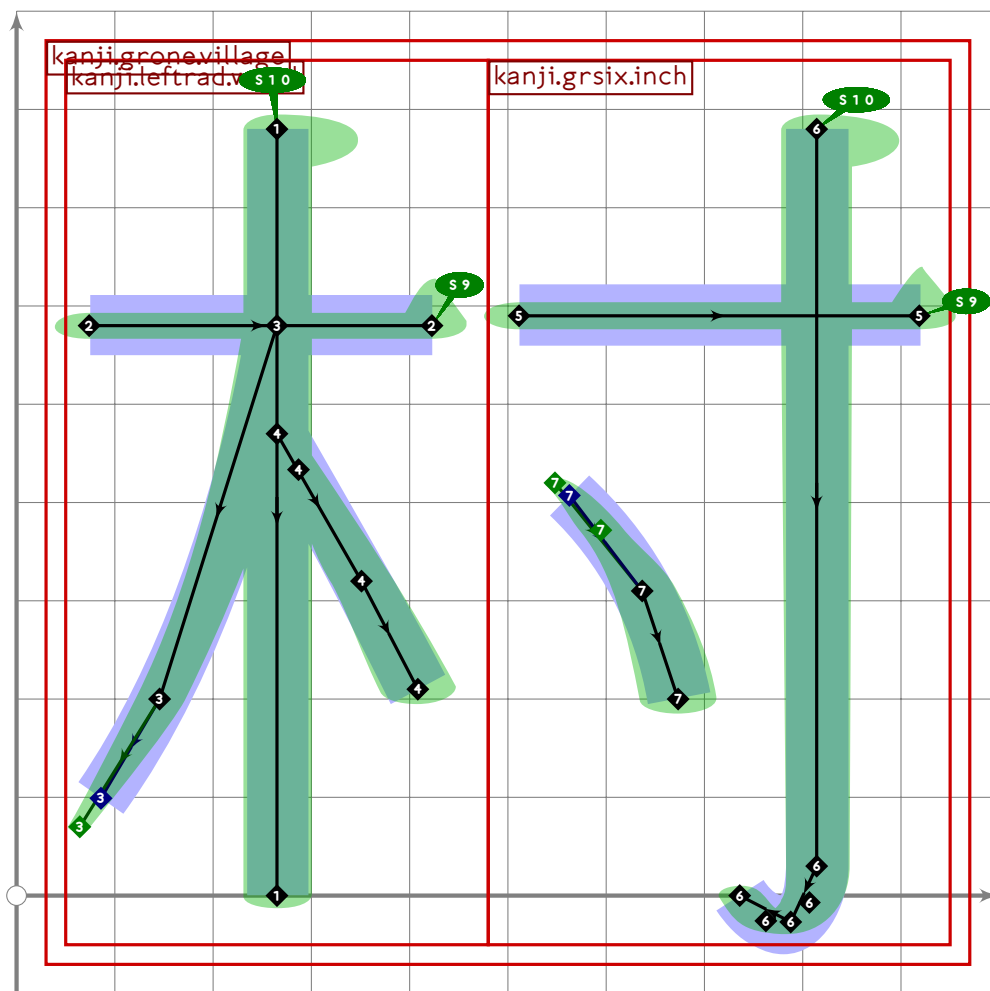
```



```

53
54 vardef kanji.grone.grove =
55   push_pbox_toexpand("kanji.grone.grove");
56   build_kanji.lr(480,0)
57     (kanji.leftrad.wood)
58     (kanji.grone.wood);
59   expand_pbox;
60 enddef;

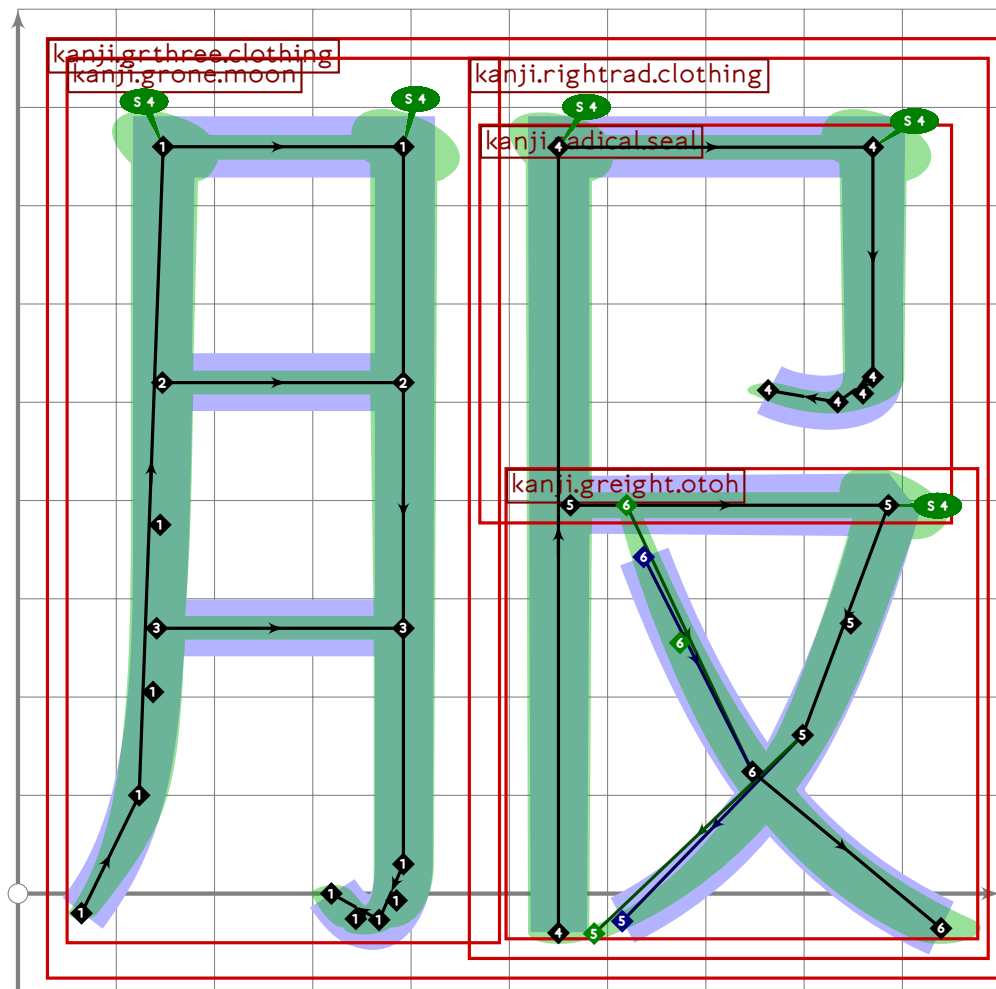
```



```

61
62 vardef kanji.grone.village =
63   push_pbox_toexpand("kanji.grone.village");
64   build_kanji.lr(480,0)
65     (kanji.leftrad.wood)
66     (kanji.grsix.inch);
67   expand_pbox;
68 enddef;
69
70

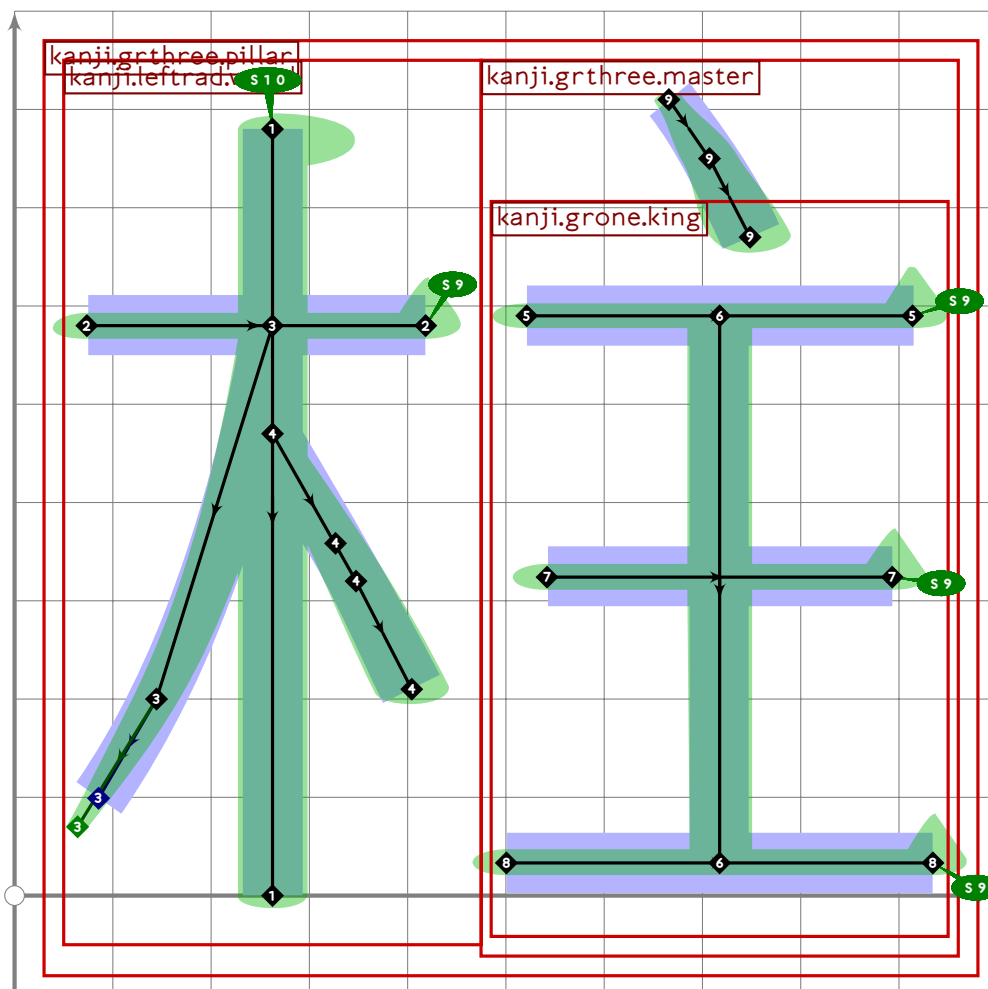
```



```

71
72 vardef kanji.grthree.clothing =
73   push_pbox_toexpand("kanji.grthree.clothing");
74   build_kanji.level(build_kanji.lr(480,20)
75     (kanji.grone.moon)
76     (kanji.rightrad.clothing));
77   expand_pbox;
78 enddef;

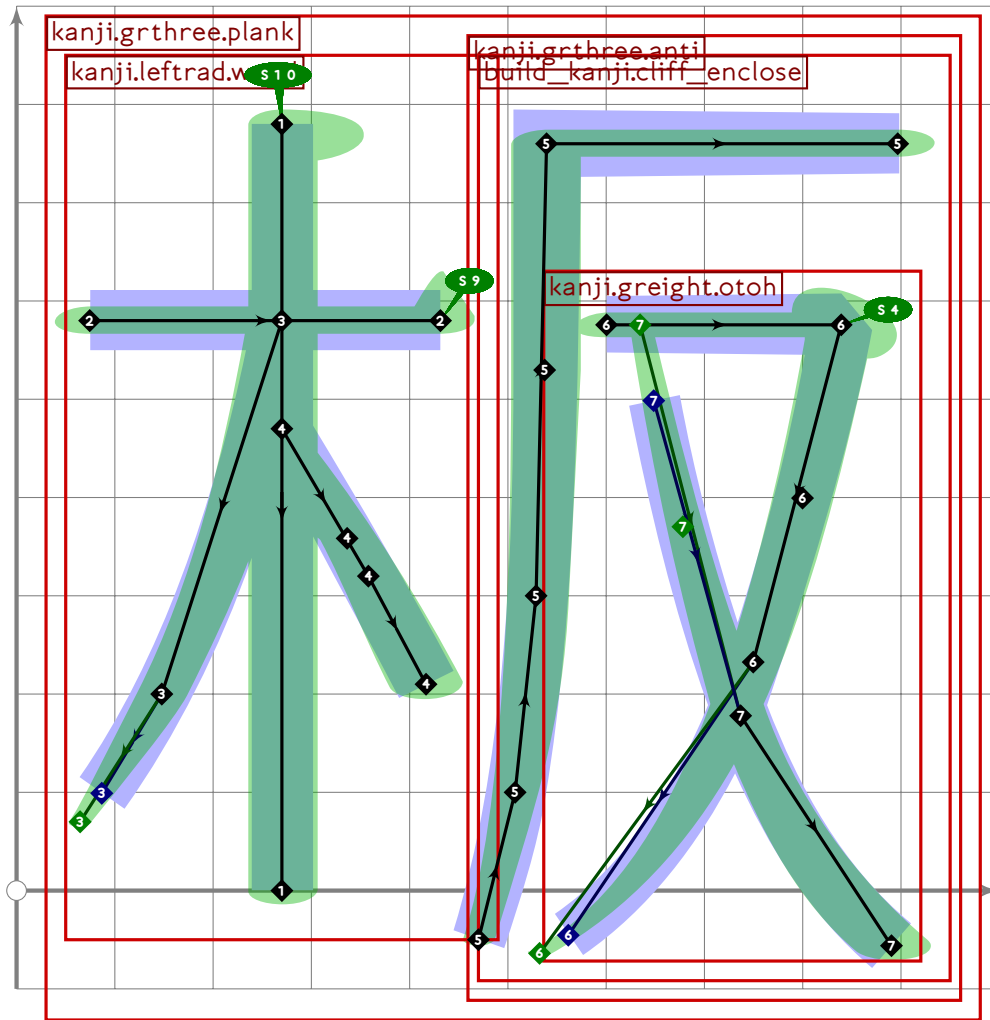
```



```

79
80 vardef kanji.grthree.pillar =
81   push_pbox_toexpand("kanji.grthree.pillar");
82   build_kanji.lr(480,-10)
83     (kanji.leftrad.wood)
84     (kanji.grthree.master);
85   expand_pbox;
86 enddef;

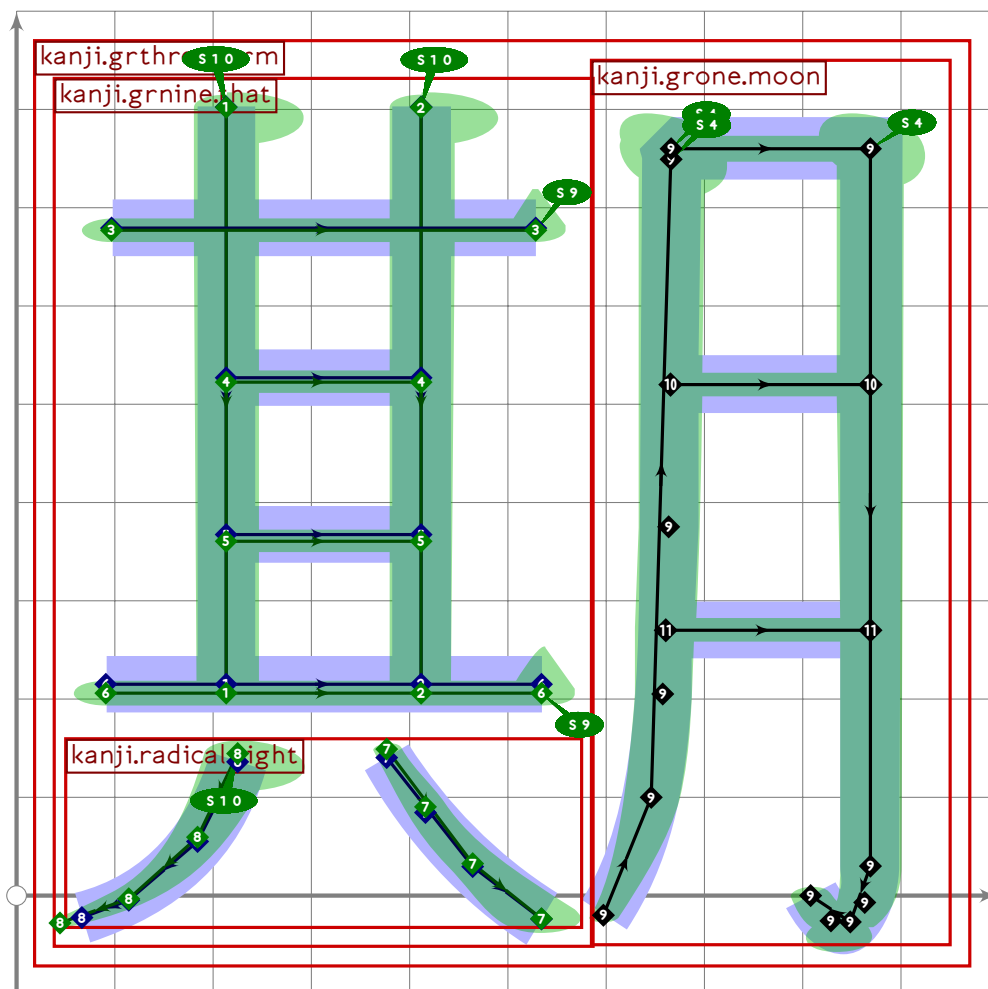
```



```

87
88 vardef kanji.grthree.plank =
89   push_pbox_toexpand("kanji.grthree.plank");
90   build_kanji.lr(480,20)
91     (kanji.leftrad.wood)
92     (kanji.grthree.anti);
93   expand_pbox;
94 enddef;

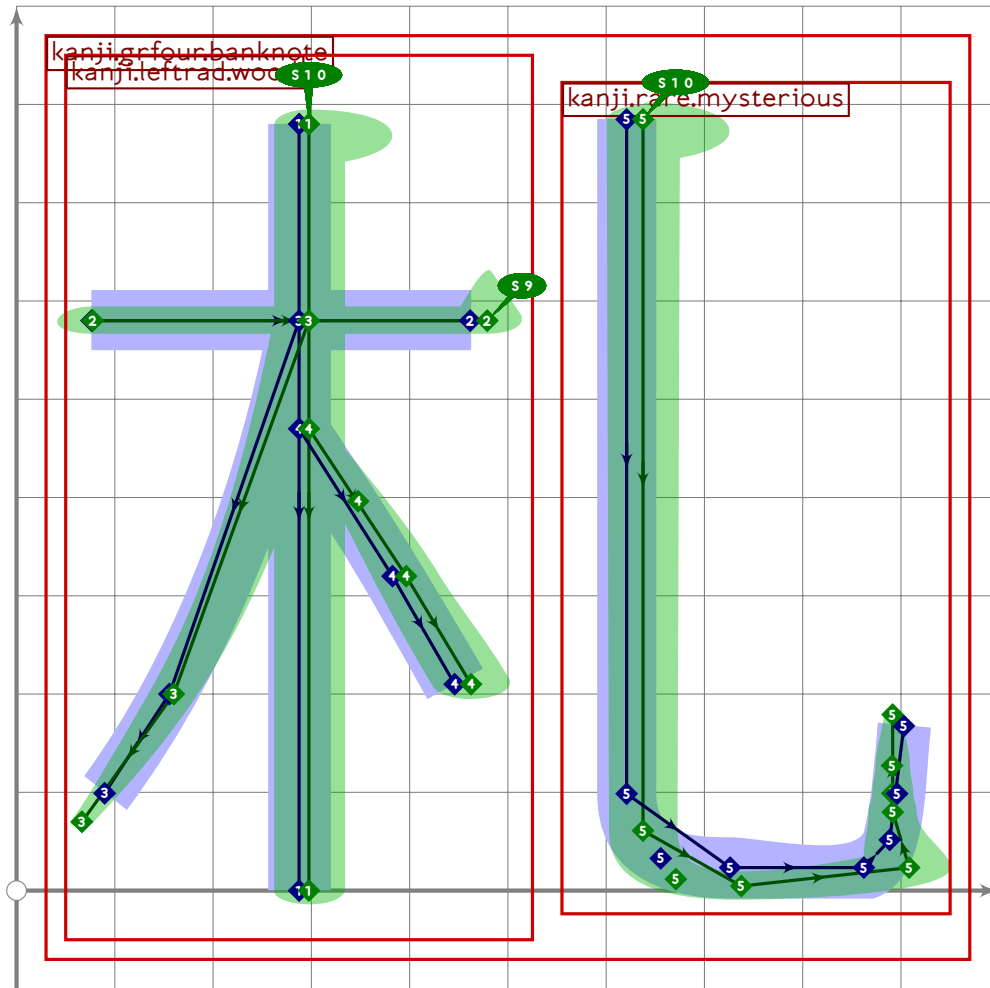
```



```

95
96 vardef kanji.grthree.term =
97   push_pbox_toexpand("kanji.grthree.term");
98   build_kanji.lr(580,-10)
99   (build_kanji.scale(yscaled 0.96)(kanji.grnine.that))
100   (kanji.grone.moon);
101   expand_pbox;
102 enddef;
103
104

```



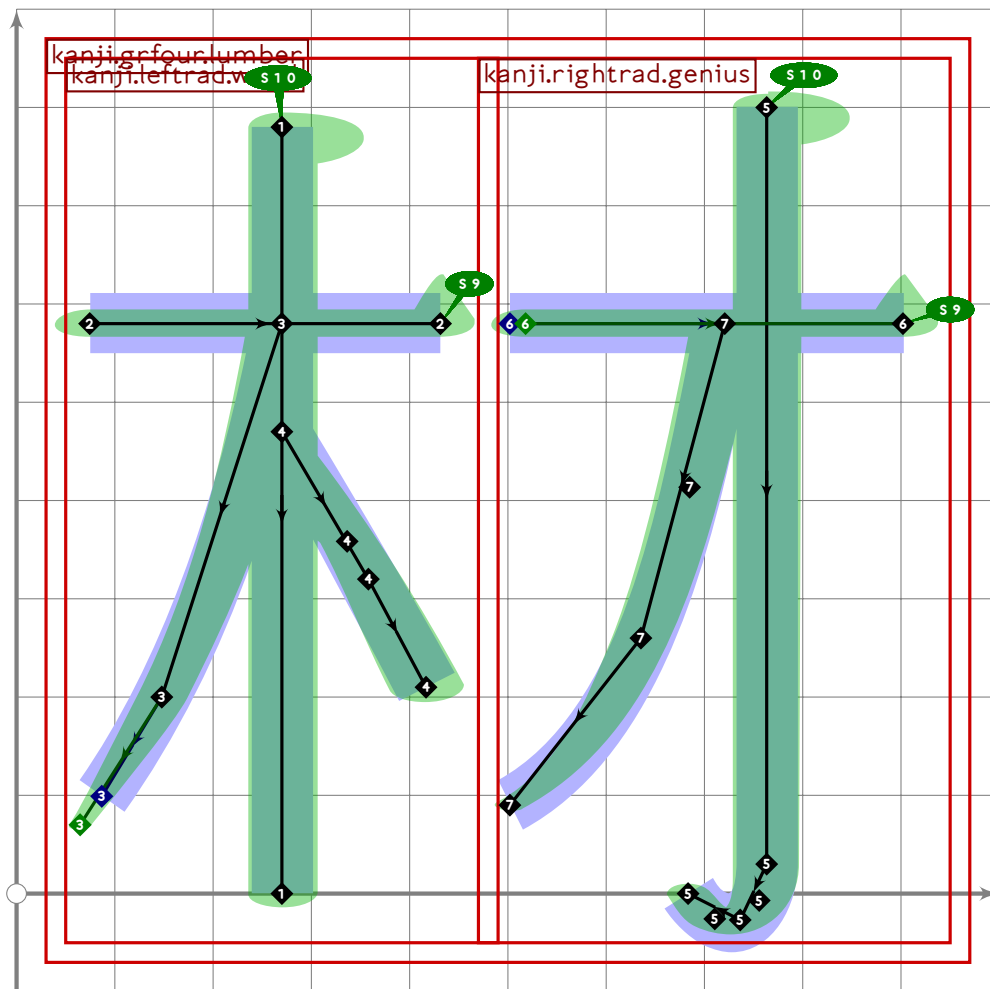
```

105
106 vardef kanji.grfour.banknote =
107   push_pbox_toexpand("kanji.grfour.banknote");
108   build_kanji.lr(540+20*mincho,-30)
109     (kanji.leftrad.wood)
110     (build_kanji.sscale(yscaled 0.94)(kanji.rare.mysterious));
111   expand_pbox;
112 enddef;

```

U+6750  
tsuku.uni6750

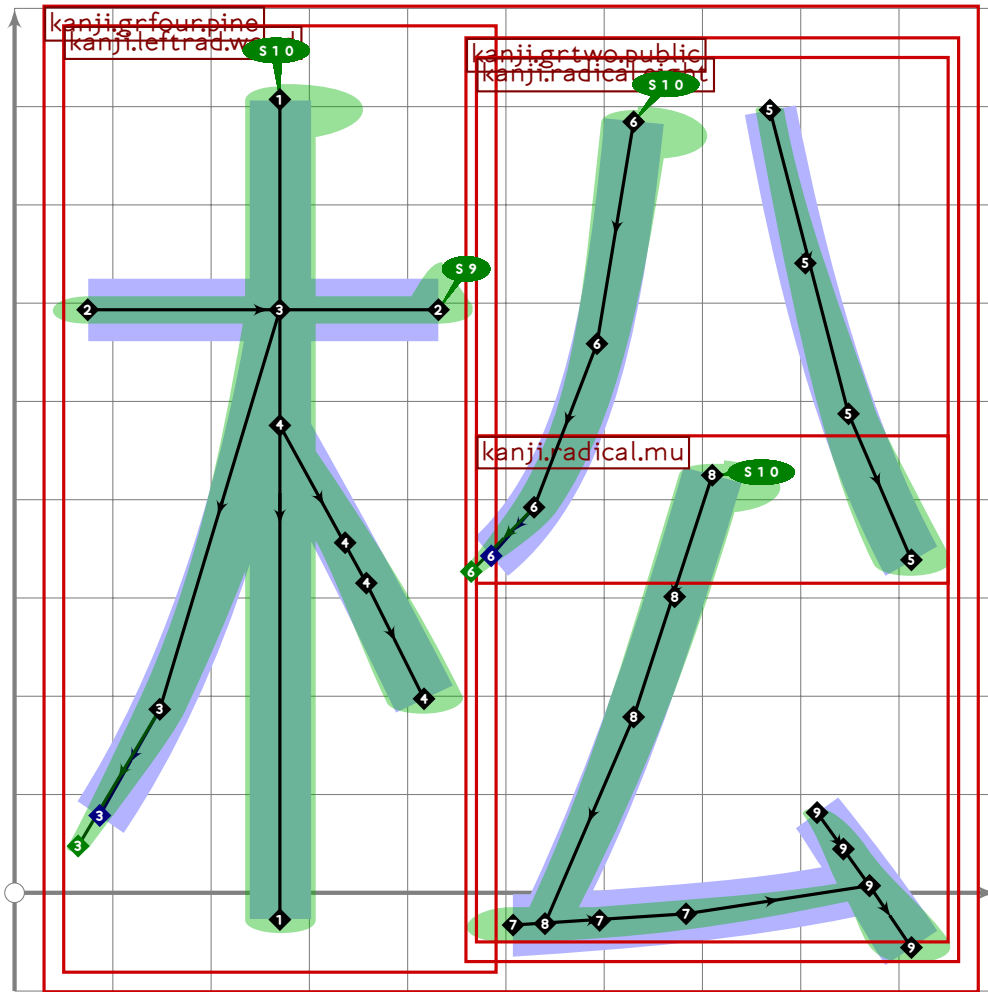
67



```

113
114 vardef kanji.grfour.lumber =
115   push_pbox_toexpand("kanji.grfour.lumber");
116   build_kanji.lr(480,20)
117     (kanji.leftrad.wood)
118     (kanji.rightrad.genius);
119   expand_pbox;
120 enddef;

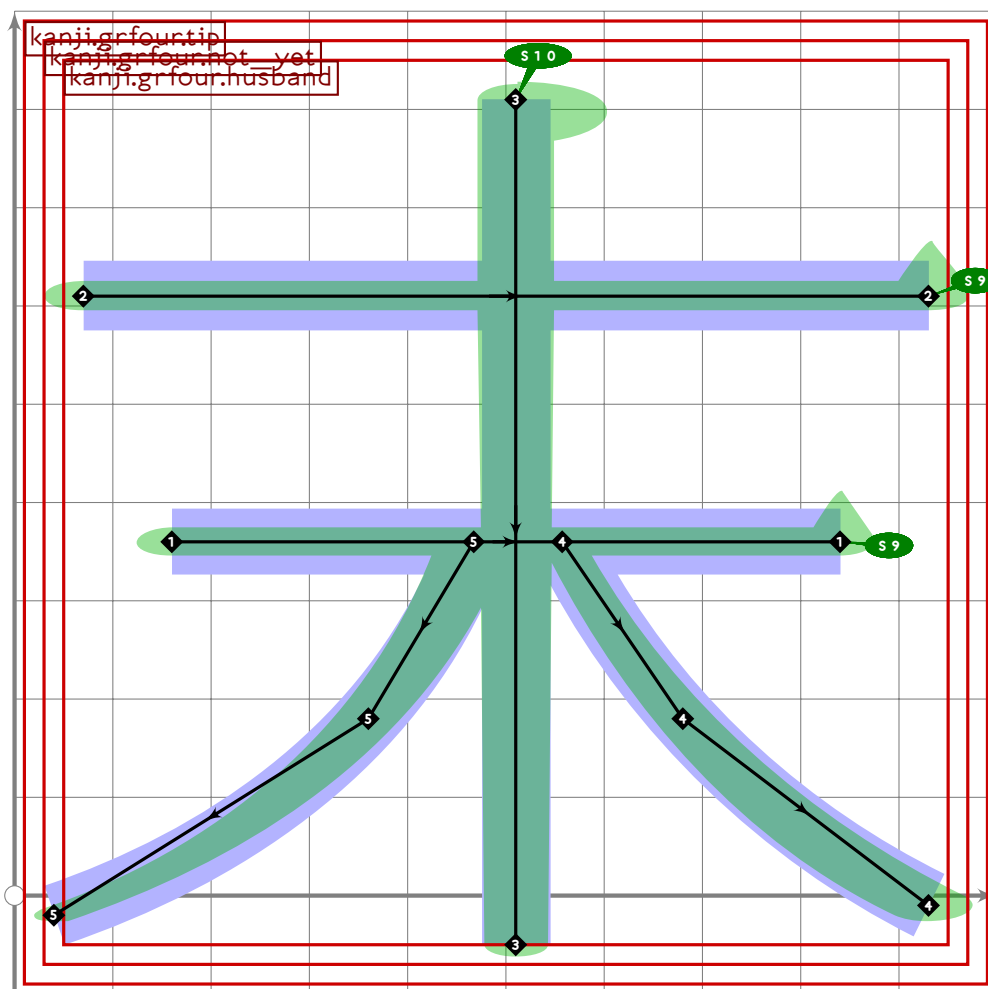
```



```

121
122 vardef kanji.grfour.pine =
123   push_pbox_toexpand("kanji.grfour.pine");
124   build_kanji.lr(480,20)
125     (build_kanji.sscale(yscaled 1.07)(kanji.leftrad.wood))
126     (kanji.grtwo.public);
127   expand_pbox;
128 enddef;

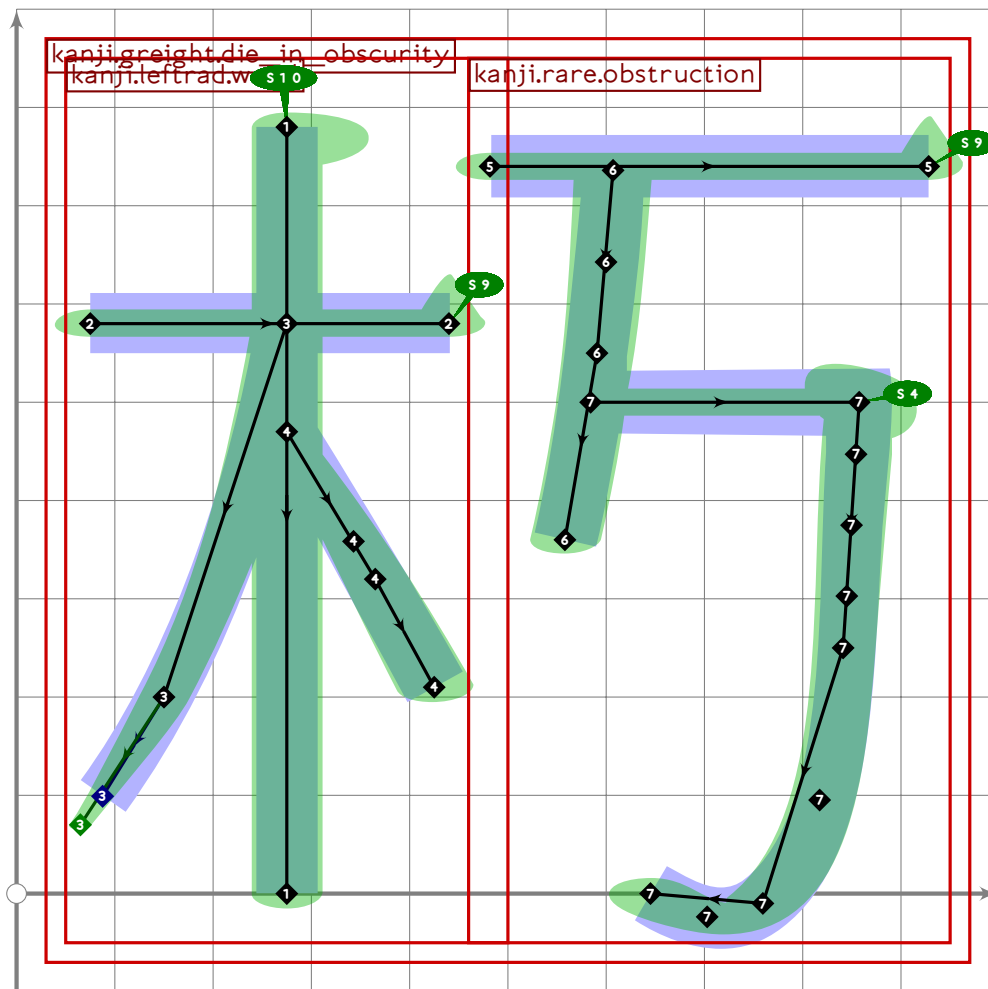
```



```

129
130 vardef kanji.grfour.tip =
131   push_pbox_toexpand("kanji.grfour.tip");
132   kanji.grfour.not_yet;
133   replace_stroke(-3)((70,610)–(930,610));
134   replace_stroke(-4)((160,360)–(840,360));
135   expand_pbox;
136 enddef;
137
138

```



```

139
140 vardef kanji.greight.die_in_obscurity =
141   push_pbox_toexpand("kanji.greight.die_in_obscurity");
142   build_kanji.lr(480,40)
143     (kanji.leftrad.wood)
144     (kanji.rare.obstruction);
145   expand_pbox;
146 enddef;
147
148
149
150 % tsuki/getsu "moon"
151 beginsuglyph("uni6708"8);
152 kanji.grone.moon;
153 tsu_render;
154 endtsuglyph;
155
156 % yuu/a "to have"
157 beginsuglyph("uni6709"9);
158 kanji.grthree.existence;
159 tsu_render;

```

[see page 443]

[see page 562]

```

160 endtsuglyph;
161
162 % fuku as in "sailor fuku"
163 begintsuglyph("uni670D";13); [see page 2187]
164   kanji.grthree.clothing;
165   tsu_render;
166 endtsuglyph;
167
168 % chou/asa "morning"
169 begintsuglyph("uni671D";29); [see page 521]
170   kanji.grtwo.morning;
171   tsu_render;
172 endtsuglyph;
173
174 % ki "term" (limited time)
175 begintsuglyph("uni671F";31); [see page 2190]
176   kanji.grthree.term;
177   tsu_render;
178 endtsuglyph;
179
180 % ki "wood"
181 begintsuglyph("uni6728";40); [see page 477]
182   kanji.grone.wood;
183   tsu_render;
184 endtsuglyph;
185
186 % mi/ima "not yet", also zodiac sign of the ram
187 begintsuglyph("uni672A";42); [see page 613]
188   kanji.grfour.not__yet;
189   tsu_render;
190 endtsuglyph;
191
192 % matsu/sue "tip"
193 begintsuglyph("uni672B";43); [see page 2194]
194   kanji.grfour.tip;
195   tsu_render;
196 endtsuglyph;
197
198 % hon "book"
199 begintsuglyph("uni672C";44); [see page 416]
200   kanji.grone.book;
201   tsu_render;
202 endtsuglyph;
203
204 % setsu/fuda "banknote"
205 begintsuglyph("uni672D";45); [see page 2191]
206   kanji.grfour.banknote;
207   tsu_render;

```

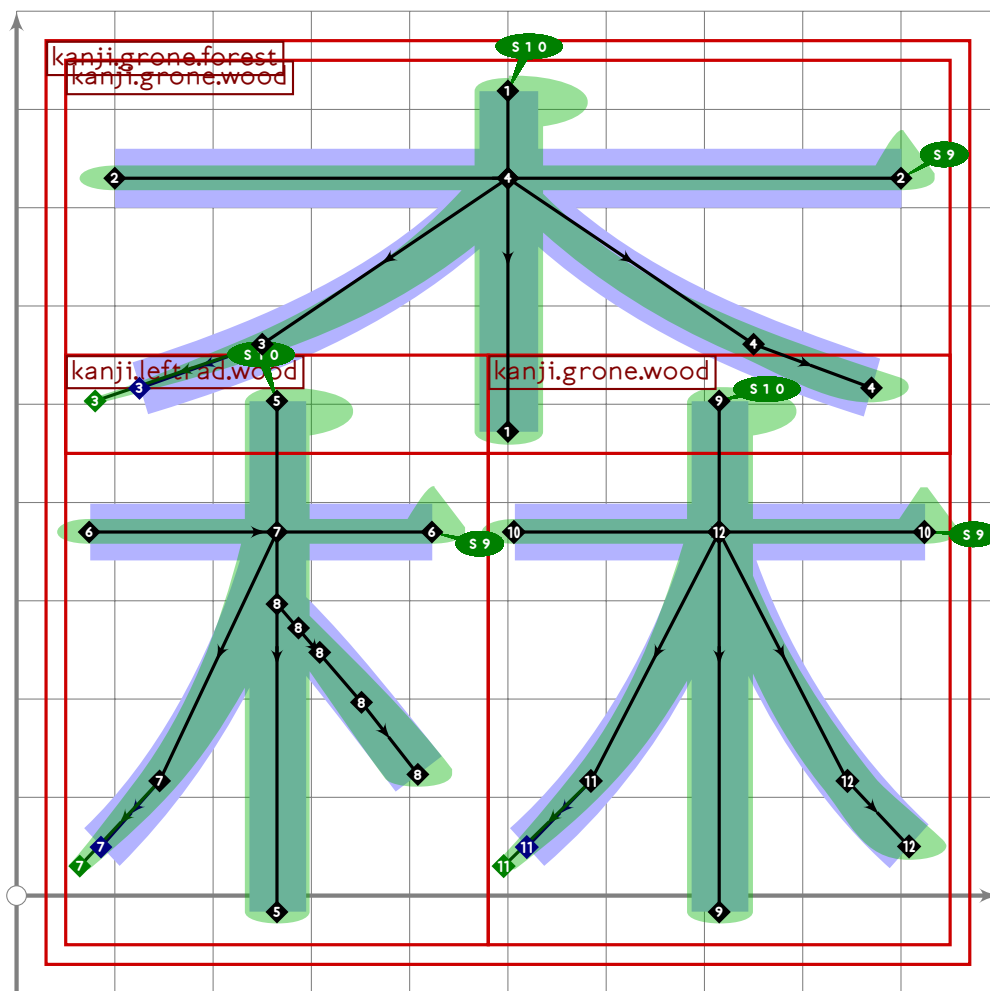
208 endtsuglyph;  
 209  
 210 % kyuu/ku "die in obscurity"  
 211 begintsuglyph("uni673D";61); [see page 2195]  
 212 kanji.greight.die\_in\_obscurity;  
 213 tsu\_render;  
 214 endtsuglyph;  
 215  
 216 % son/mura "village"  
 217 begintsuglyph("uni6751";81); [see page 2186]  
 218 kanji.grone.village;  
 219 tsu\_render;  
 220 endtsuglyph;  
 221  
 222 % zai/ki "lumber"  
 223 begintsuglyph("uni6750";80); [see page 2192]  
 224 kanji.grfour.lumber;  
 225 tsu\_render;  
 226 endtsuglyph;  
 227  
 228 % soku/taha "bundle"  
 229 begintsuglyph("uni675F";95); [see page 595]  
 230 kanji.grfour.bundle;  
 231 tsu\_render;  
 232 endtsuglyph;  
 233  
 234 % ku/rai "come"  
 235 begintsuglyph("uni6765";101); [see page 486]  
 236 kanji.grtwo.come;  
 237 tsu\_render;  
 238 endtsuglyph;  
 239  
 240 % tou/higashi "east"  
 241 begintsuglyph("uni6771";113); [see page 491]  
 242 kanji.grtwo.east;  
 243 tsu\_render;  
 244 endtsuglyph;  
 245  
 246 % shou/matsu "pine"  
 247 begintsuglyph("uni677E";126); [see page 2193]  
 248 kanji.grfour.pine;  
 249 tsu\_render;  
 250 endtsuglyph;  
 251  
 252 % han/ita "plank"  
 253 begintsuglyph("uni677F";127); [see page 2189]  
 254 kanji.grthree.plank;  
 255 tsu\_render;

```

256 endtsuglyph;
257
258 % rin/hayashi "grove"
259 begintsuglyph("uni6797";151); [see page 2185]
260   kanji.grone.grove;
261   tsu_render;
262 endtsuglyph;
263
264 % ka/ha "fruit" or "result"
265 begintsuglyph("uni679C";156); [see page 605]
266   kanji.grfour.fruit;
267   tsu_render;
268 endtsuglyph;
269
270 % bou/soregashi "a certain" (person, or whatever)
271 begintsuglyph("uni67D0";208); [see page 698]
272   kanji.greight.a_certain;
273   tsu_render;
274 endtsuglyph;
275
276 % chuu/hashira "pillar"
277 begintsuglyph("uni67F1";241); [see page 2188]
278   kanji.grthree.pillar;
279   tsu_render;
280 endtsuglyph;
281
282 _____
283
284 endfont;
285
286 _____

```

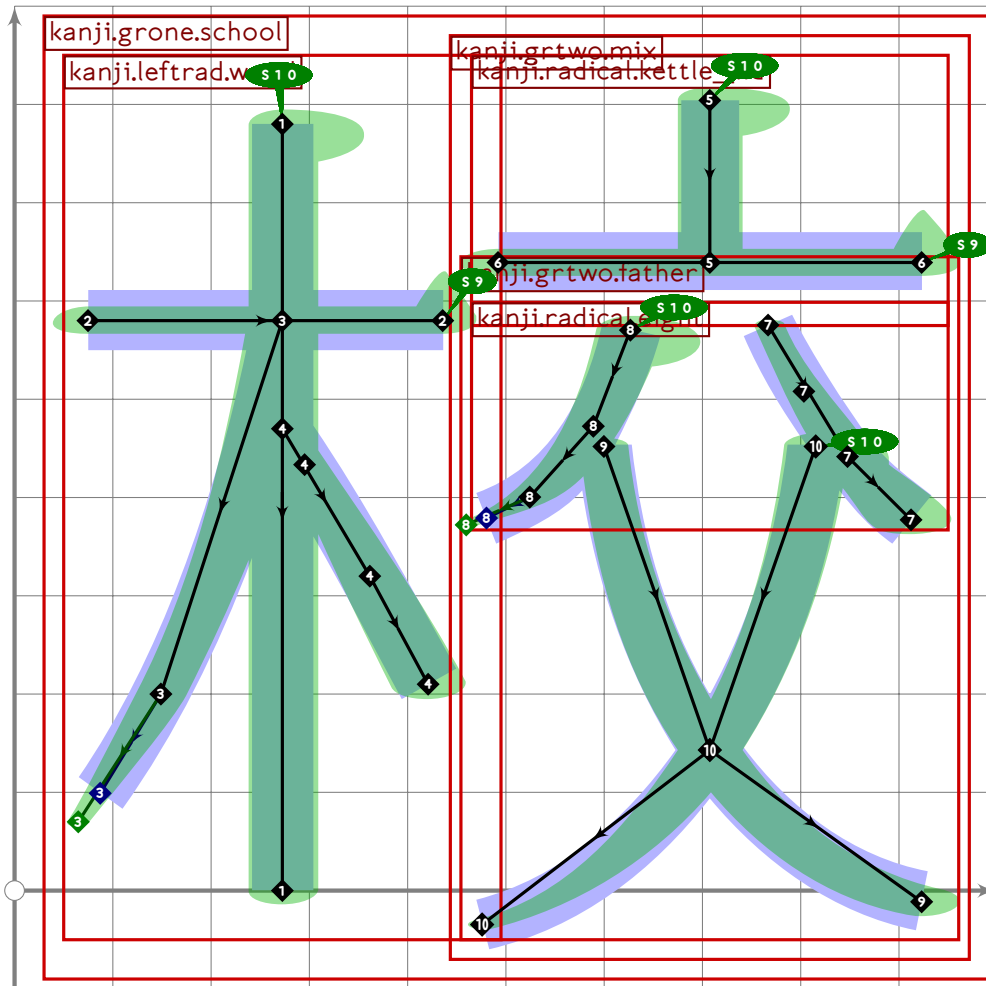
```
1 %
2 % Unicode page 68 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 _____
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradeone.mp;
38 input gradethree.mp;
39 input gradetwo.mp;
40 input leftrad.mp;
41 input radical.mp;
42 input toprad.mp;
43
44 do_late_includes;
45
46 _____
```



```

47
48 vardef kanji.grone.forest =
49   push_pbox_toexpand("kanji.grone.forest");
50   build_kanji.tb(500,100)
51     (kanji.grone.wood)
52     (build_kanji.lr(480,0)
53       (kanji.leftrad.wood)
54       (kanji.grone.wood));
55   expand_pbox;
56 enddef;

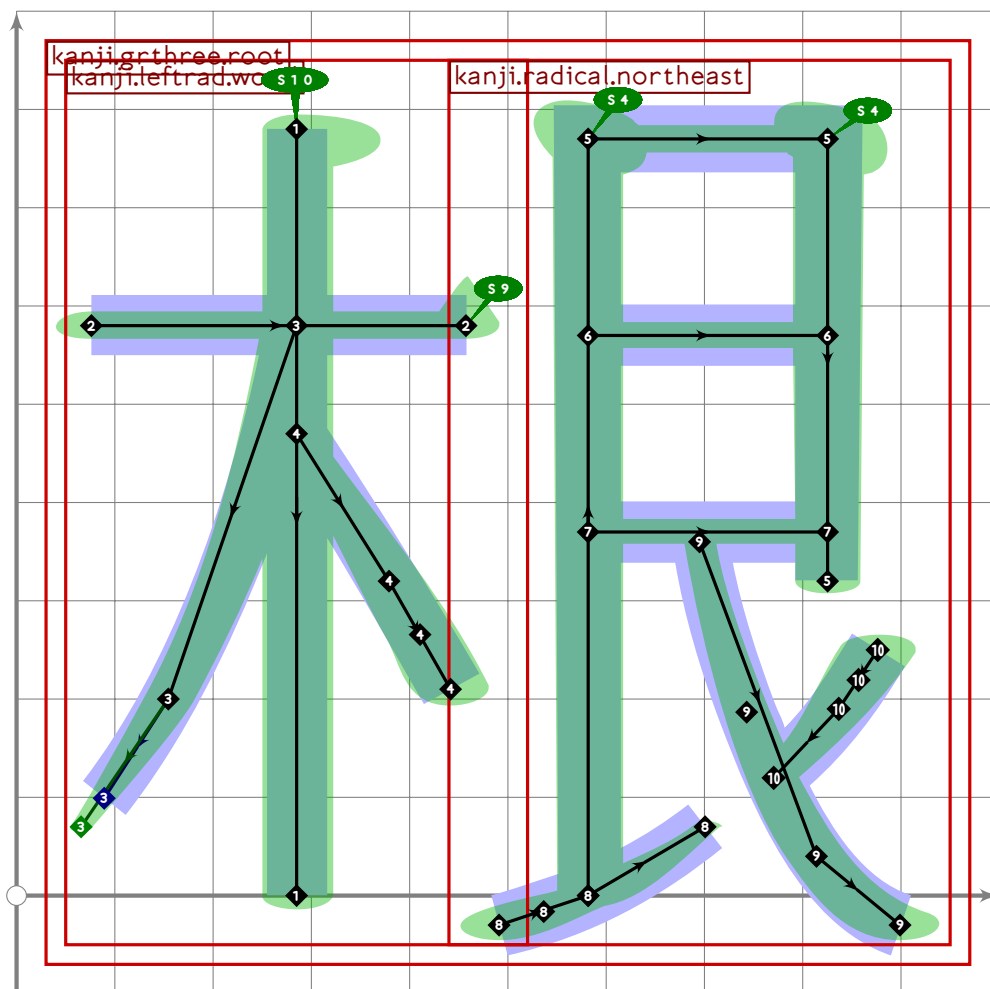
```



```

57
58 vardef kanji.grone.school =
59   push_pbox_toexpand("kanji.grone.school");
60   build_kanji.lr(480,30)
61     (kanji.leftrad.wood)
62     (kanji.grtwo.mix);
63   expand_pbox;
64 enddef;
65
66

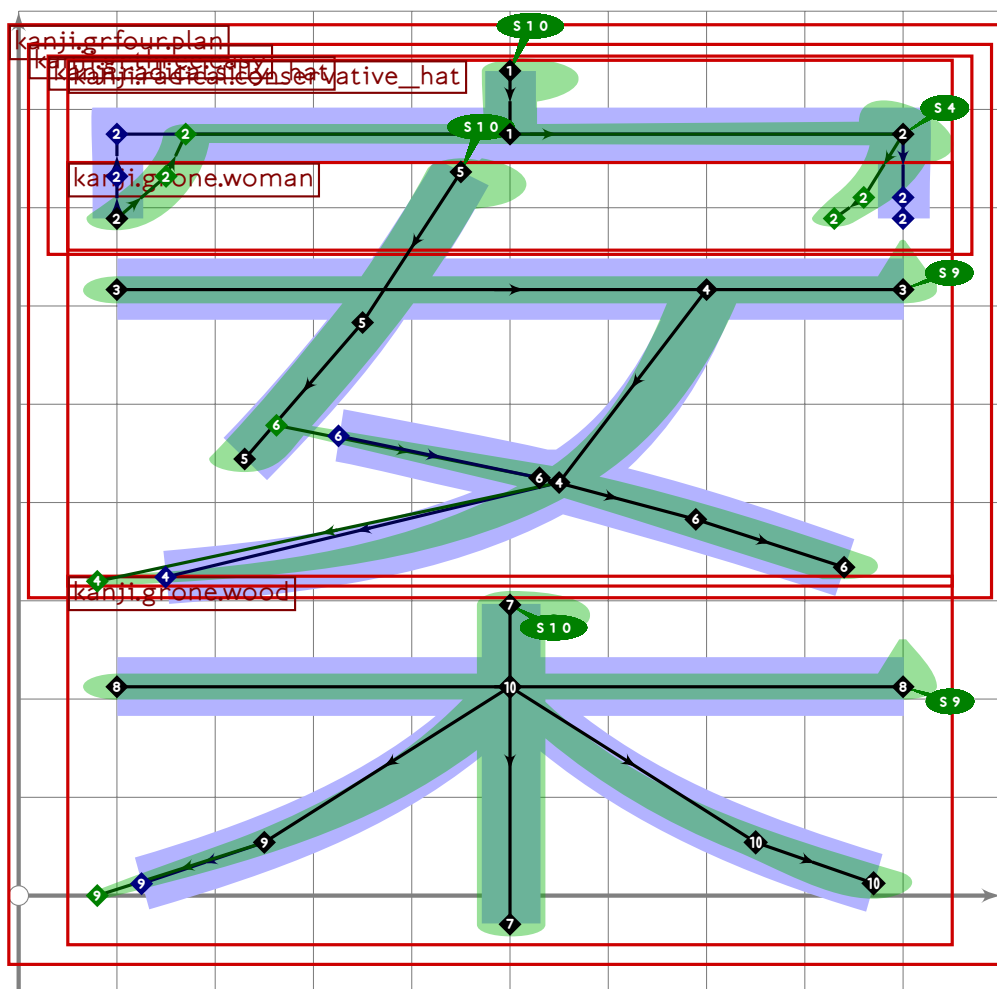
```



```

67
68 vardef kanji.grthree.root =
69   push_pbox_toexpand("kanji.grthree.root");
70   build_kanji.lr(480,80)
71     (kanji.leftrad.wood)
72     (kanji.radical.northeast);
73   expand_pbox;
74 enddef;
75
76

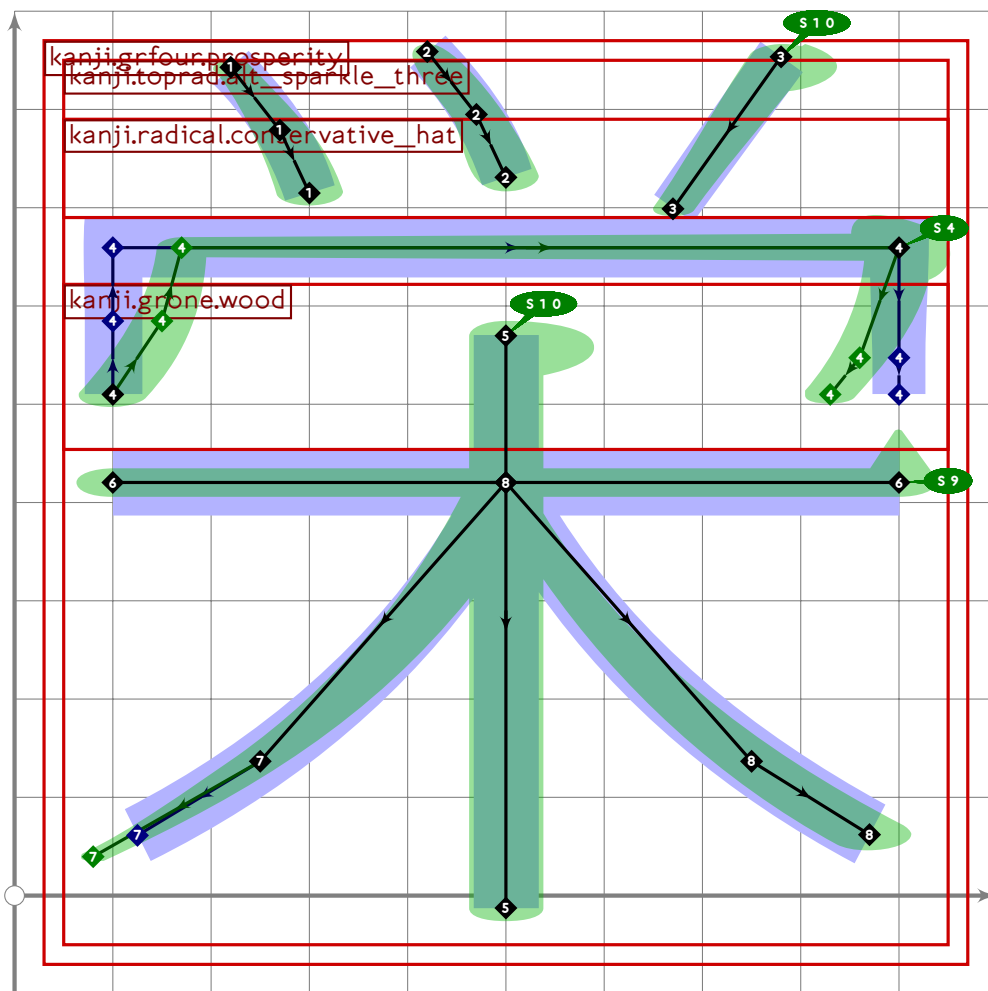
```



```

77
78 vardef kanji.grfour.plan =
79   push_pbox_toexpand("kanji.grfour.plan");
80   build_kanji.tb(320,10)
81   (kanji.grthree.easy)
82   (kanji.grone.wood);
83   expand_pbox;
84 enddef;

```



```

85
86 vardef kanji.grfour.prosperity =
87   push_pbox_toexpand("kanji.grfour.prosperity");
88   build_kanji.tb(740,100)
89     (kanji.toprad.alt_sparkle_three)
90     (build_kanji.tb(580,180)
91       (kanji.radical.conservative_hat)
92       (kanji.grone.wood));
93   expand_pbox;
94 enddef;
95
96
97
98 % ei/saka "prosperity"
99 begintsuglyph("uni6804";4);
100   kanji.grfour.prosperity;
101   tsu_render;
102 endtsuglyph;
103
104 % kou "school"
105 begintsuglyph("uni6821";33);

```

[see page 2204]

[see page 2201]

```

106  kanji.grone.school;
107  tsu_render;
108 endtsuglyph;
109
110 % kon/ne "root"
111 begintsuglyph("uni6839";57);
112  kanji.grthree.root;
113  tsu_render;
114 endtsuglyph;
115
116 % an/tsukue "plan"
117 begintsuglyph("uni6848";72);
118  kanji.grfour.plan;
119  tsu_render;
120 endtsuglyph;
121
122 % shin/mori "forest"
123 begintsuglyph("uni68EE";238);
124  kanji.grone.forest;
125  tsu_render;
126 endtsuglyph;
127
128 _____
129
130 endfont;
131
132 _____

```

[see page 2202]

[see page 2203]

[see page 2200]

## tsuku-69.mp

69

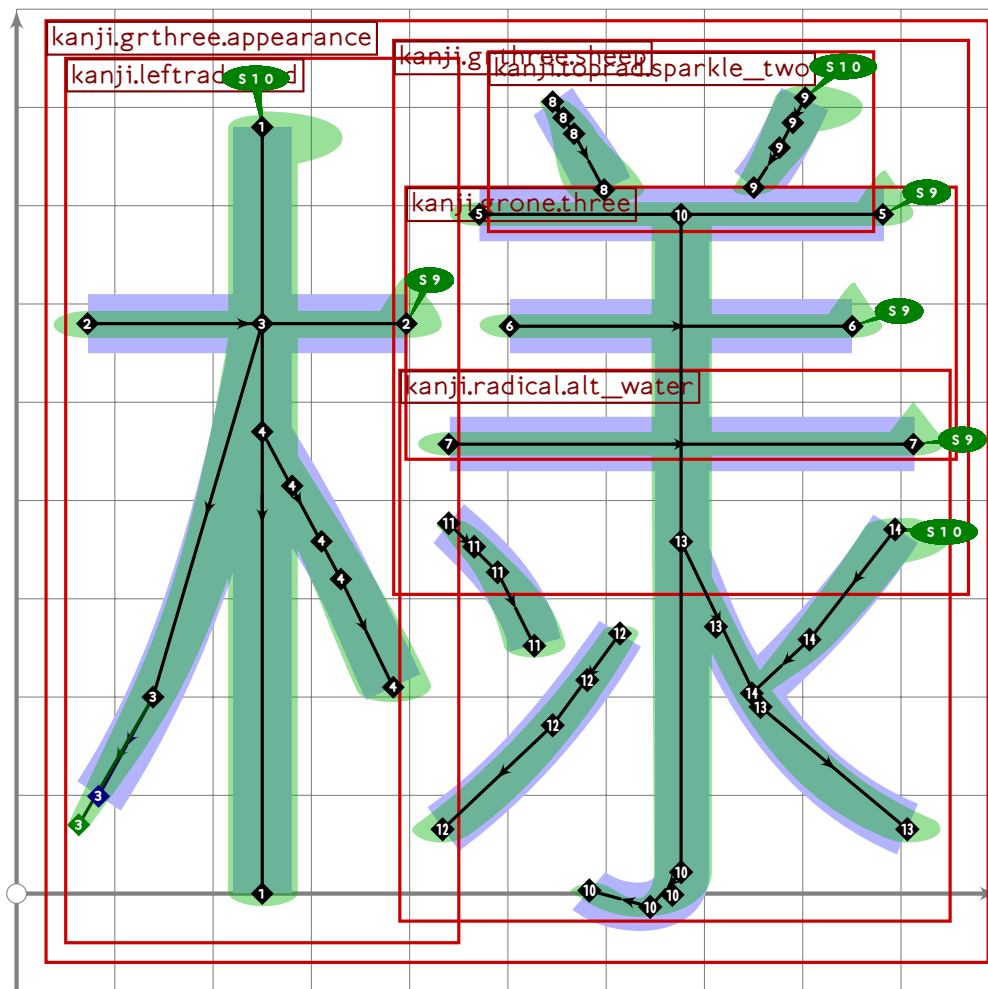
```
1 %
2 % Unicode page 69 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


49
```

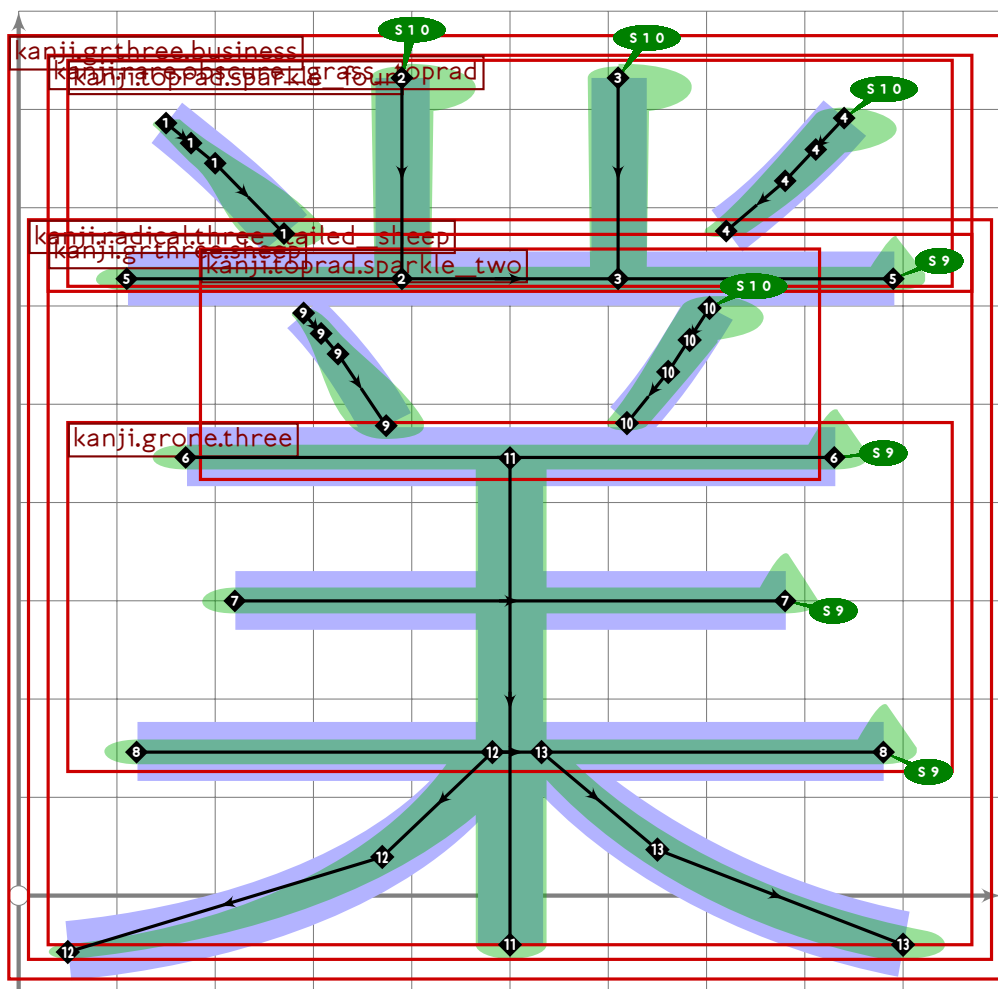


```

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

```

U+696D  
tsuku.uni696D

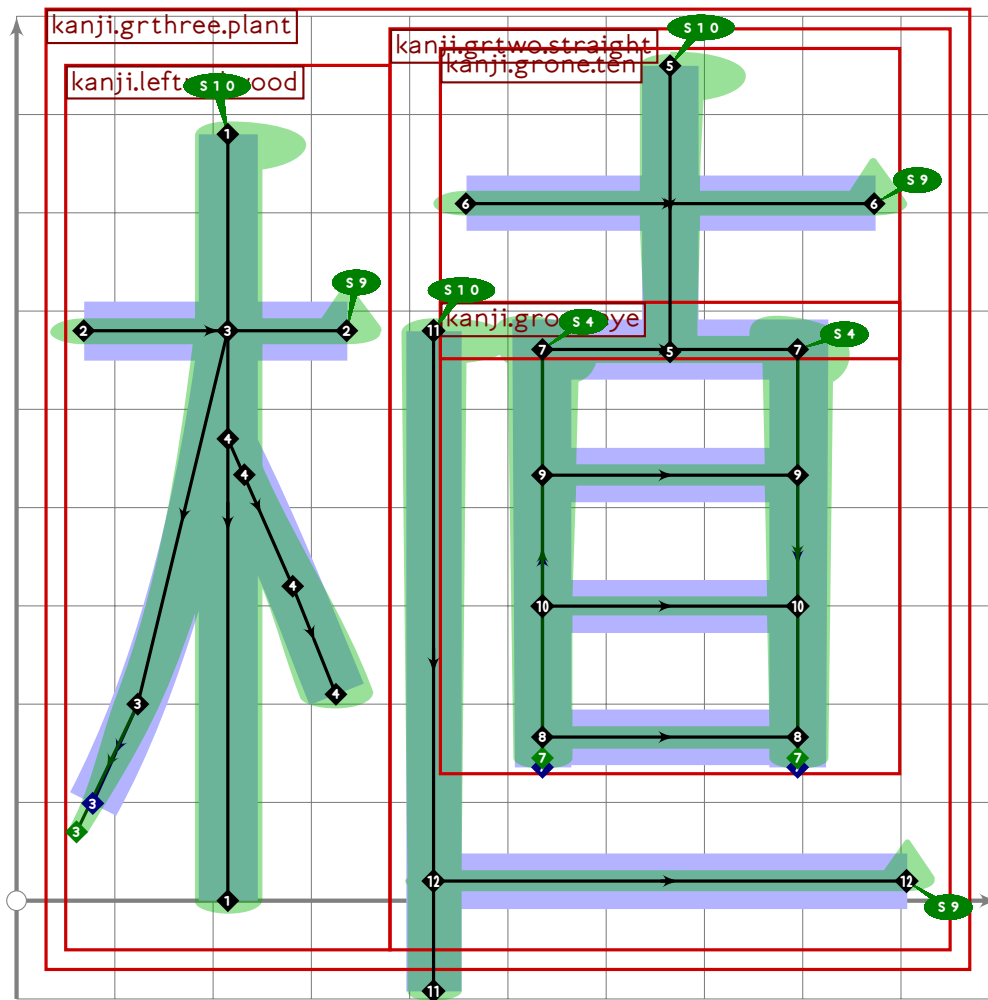


69

```

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

```



```

73
74 vardef kanji.grthree.plant =
75   push_pbox_toexpand("kanji.grthree.plant");
76   build_kanji.lr(380,0)
77     (kanji.leftrad.wood)
78     (kanji.grtwo.straight);
79   expand_pbox;
80 enddef;
81
82
83
84 vardef kanji.radical.three_tailed_sheep =
85   push_pbox_toexpand("kanji.radical.three_tailed_sheep");
86   kanji.grthree.sheep;
87   push_stroke(
88     (510,615){down}..(500,260)..(370,70)..{curl 0.5}(50,-60),
89     (1.6,1.6)-(1.4,1.4)-(1.1,1.1));
90   push_stroke(((get_stroke(0) intersectionpoint get_stroke(-4))+(50,0))..
91     (650,80)..(900,-50),
92     (1.1,1.1)-(1.4,1.4)-(1.7,1.7));
93   replace_stroke(-1)(subpath

```

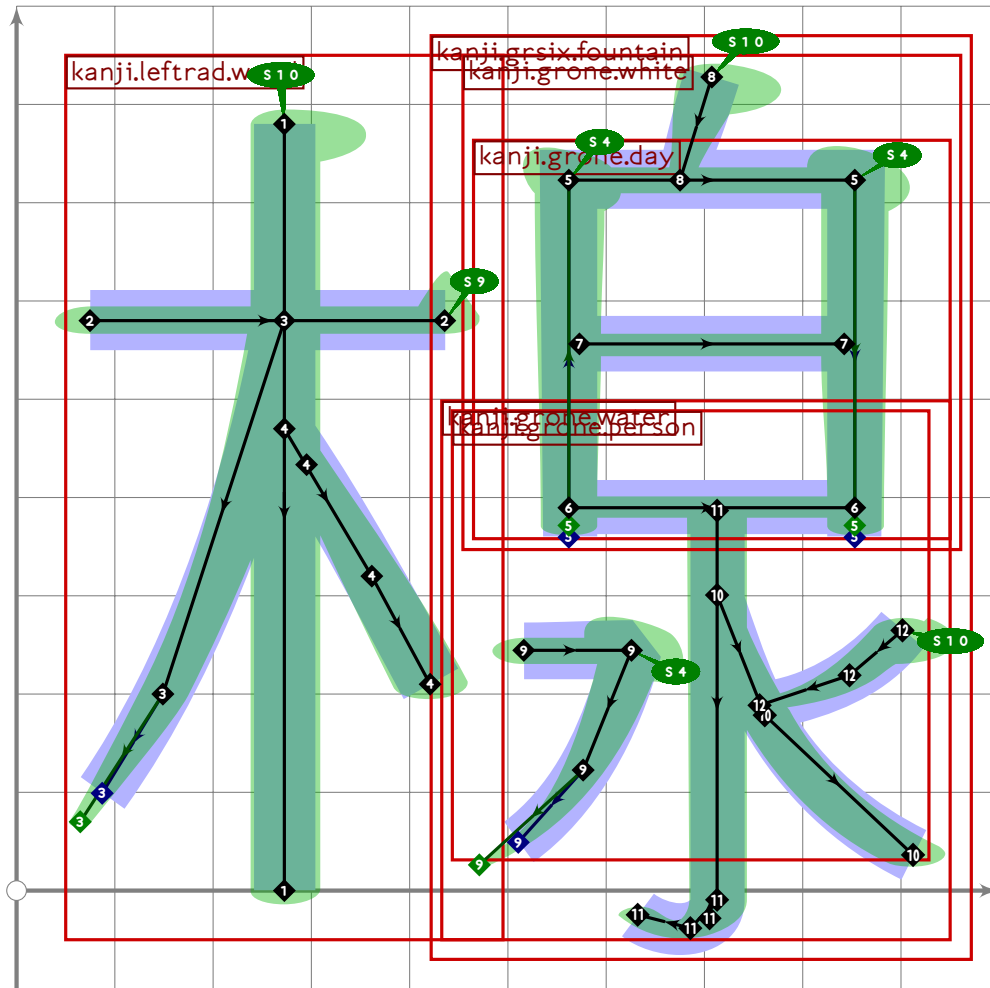
```

94    (xpart (oldp intersectiontimes get_strokep(-5)),infinity) of oldp);
95    expand_pbox;
96 enddef;
97
98 

---


99
100 % shoku/u "plant"
101 begintsuglyph("uni690D";13); [see page 2209]
102   kanji.grthree.plant;
103   tsu_render;
104 endtsuglyph;
105
106 % kyou/waza "business"
107 begintsuglyph("uni696D";109); [see page 2208]
108   kanji.grthree.business;
109   tsu_render;
110 endtsuglyph;
111
112 % gaku/tano "music" or "fun"
113 begintsuglyph("uni697D";125); [see page 501]
114   kanji.grtwo.fun;
115   tsu_render;
116 endtsuglyph;
117

```



```

118 % hanzou "container for pouring water"
119 begintsuglyph("uni697E";126);
120   build_kanji.lr(480,30)
121     (kanji.leftrad.wood)
122     (kanji.grsix.fountain);
123   tsu_render;
124 endtsuglyph;
125
126 % you/sama "honorific suffix with difficult literal meaning"
127 begintsuglyph("uni69D8";216);
128   kanji.grthree.appearance;
129   tsu_render;
130 endtsuglyph;
131
132 _____
133
134 endfont;
135
136 _____

```

[see page 2207]

# tsuku-6a.mp

## 6A

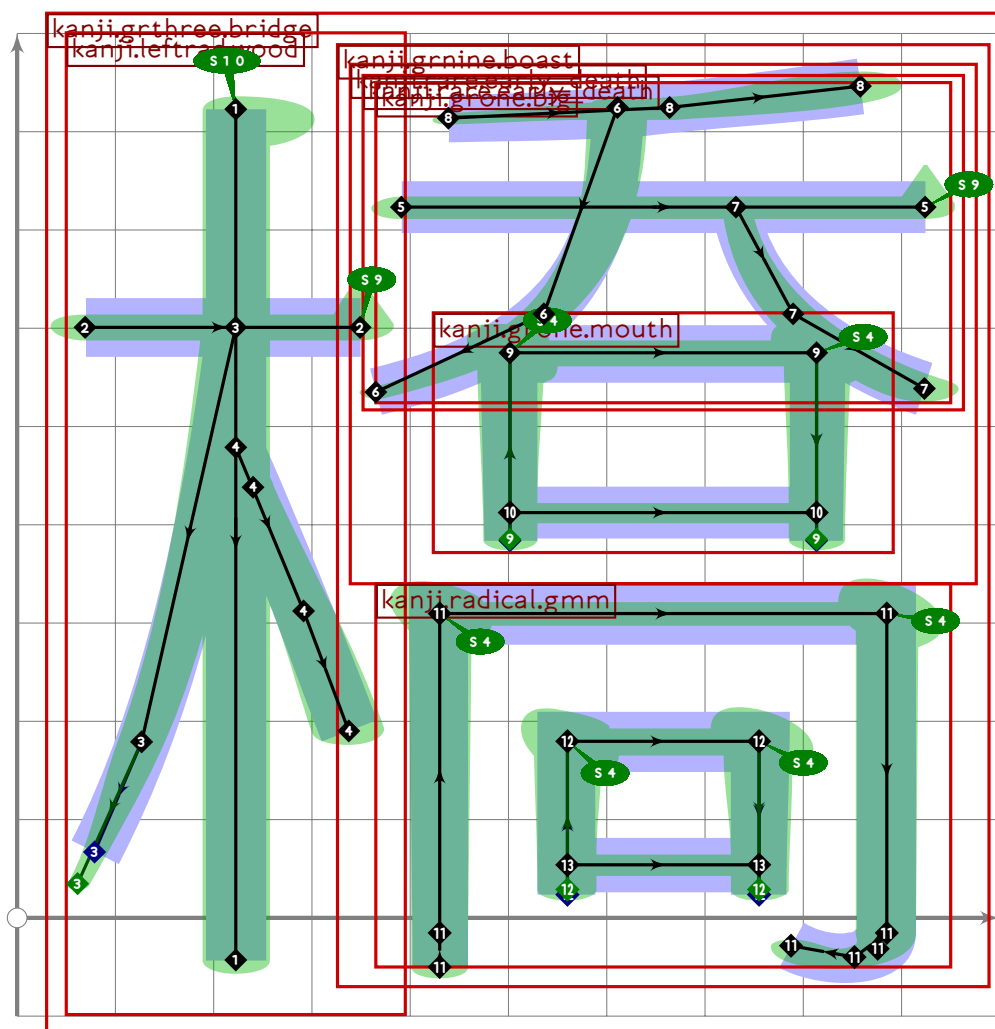
```
1 %
2 % Unicode page 6A (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradenine.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 

---


```

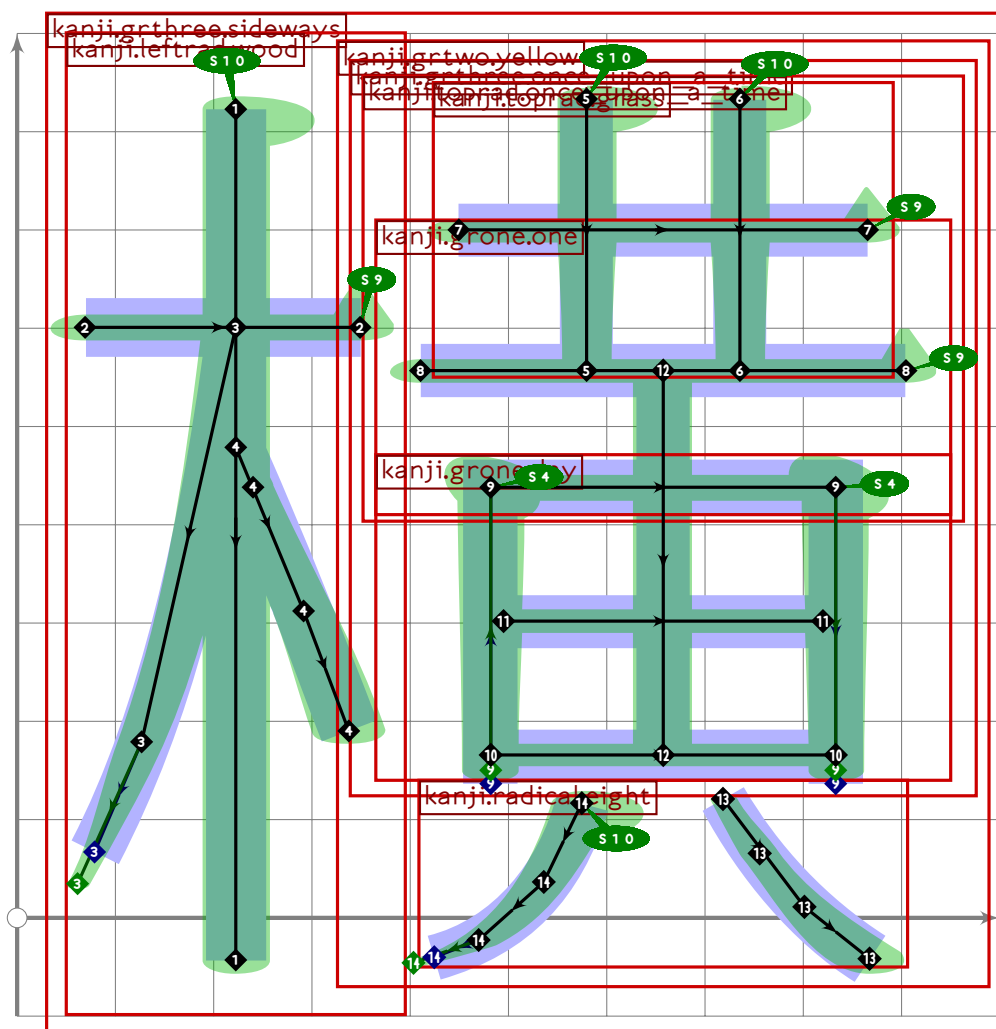


6A

```

49
50 vardef kanji.grthree.bridge =
51   push_pbox_toexpand("kanji.grthree.bridge");
52   build_kanji.lr(380,30)
53     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
54     (kanji.grnine.boast);
55   expand_pbox;
56 enddef;

```



```

57
58 vardef kanji.grthree.sideways =
59   push_pbox_toexpand("kanji.grthree.sideways");
60   build_kanji.lr(380,30)
61     (build_kanji.sscale(yscaled 1.11)(kanji.leftrad.wood))
62     (kanji.grtwo.yellow);
63   expand_pbox;
64 enddef;
65
66
67
68 % ou/yoku "sideways"
69 begintsuglyph("uni6A2A";42);
70   kanji.grthree.sideways;
71   tsu_render;
72 endtsuglyph;
73
74 % kyou/hashii "bridge"
75 begintsuglyph("uni6A4B";75);
76   kanji.grthree.bridge;

```

[see page 2214]

[see page 2213]

```
77  tsu_render;  
78 endtsuglyph;  
79  
80 _____  
81  
82 endfont;  
83  
84 _____
```

# tsuku-6b.mp

## 6B

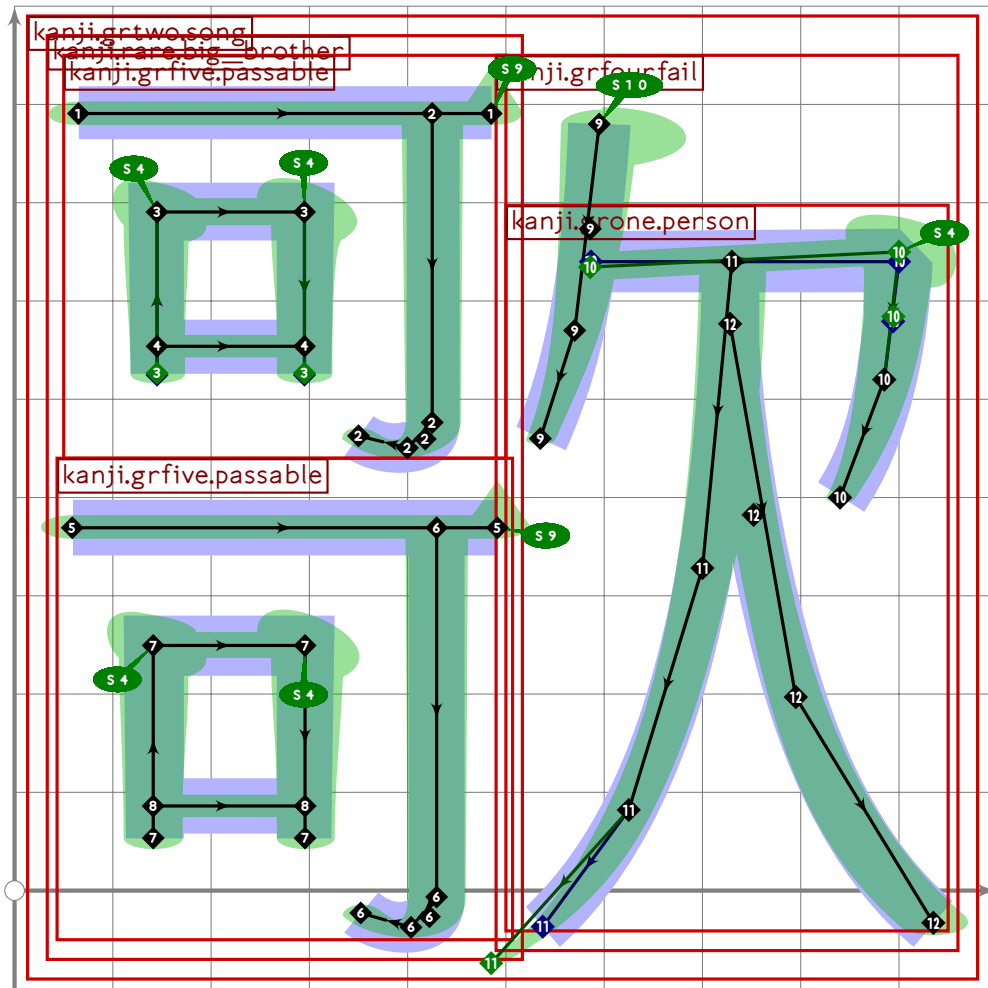
```
1 %
2 % Unicode page 6B (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


```

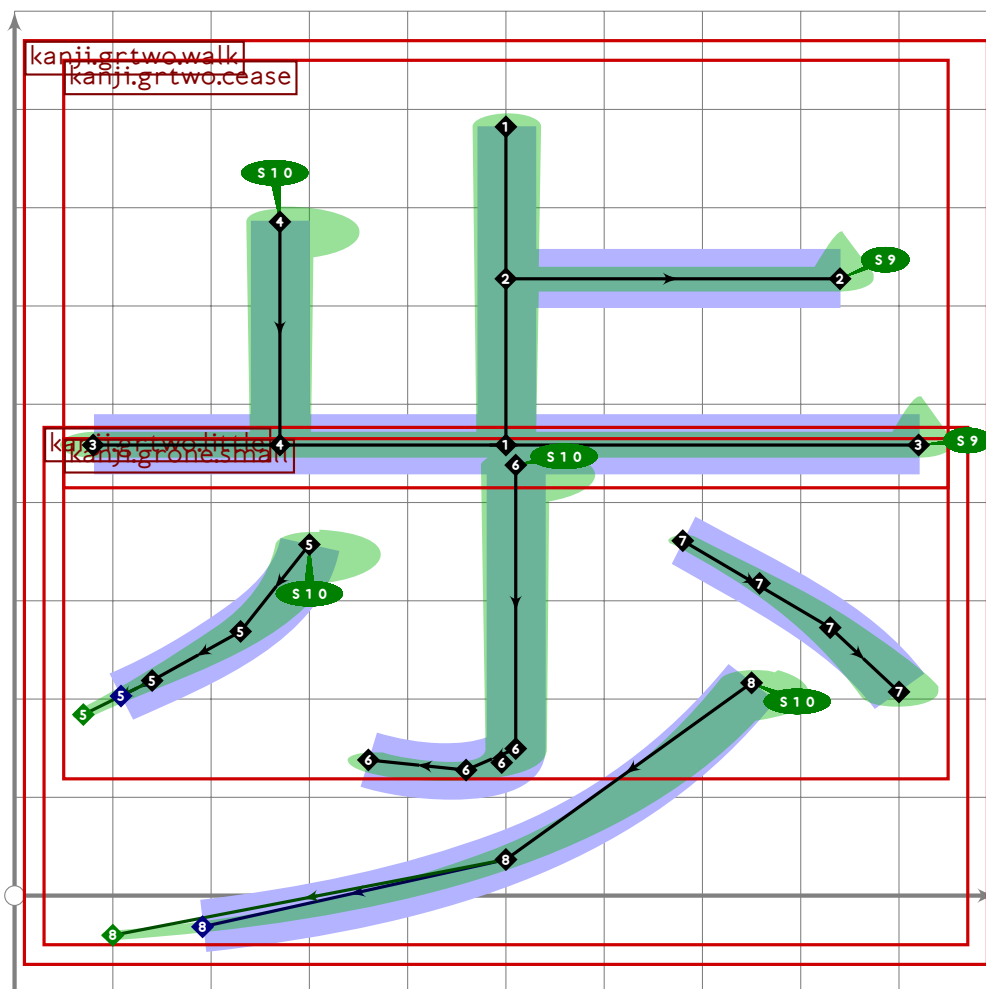


```

51
52 vardef kanji.grtwo.song =
53   push_pbox_toexpand("kanji.grtwo.song");
54   build_kanji.lr(500,0)
55     (kanji.rare.big_brother)
56     (kanji.grfour.fail);
57   expand_pbox;
58 enddef;

```

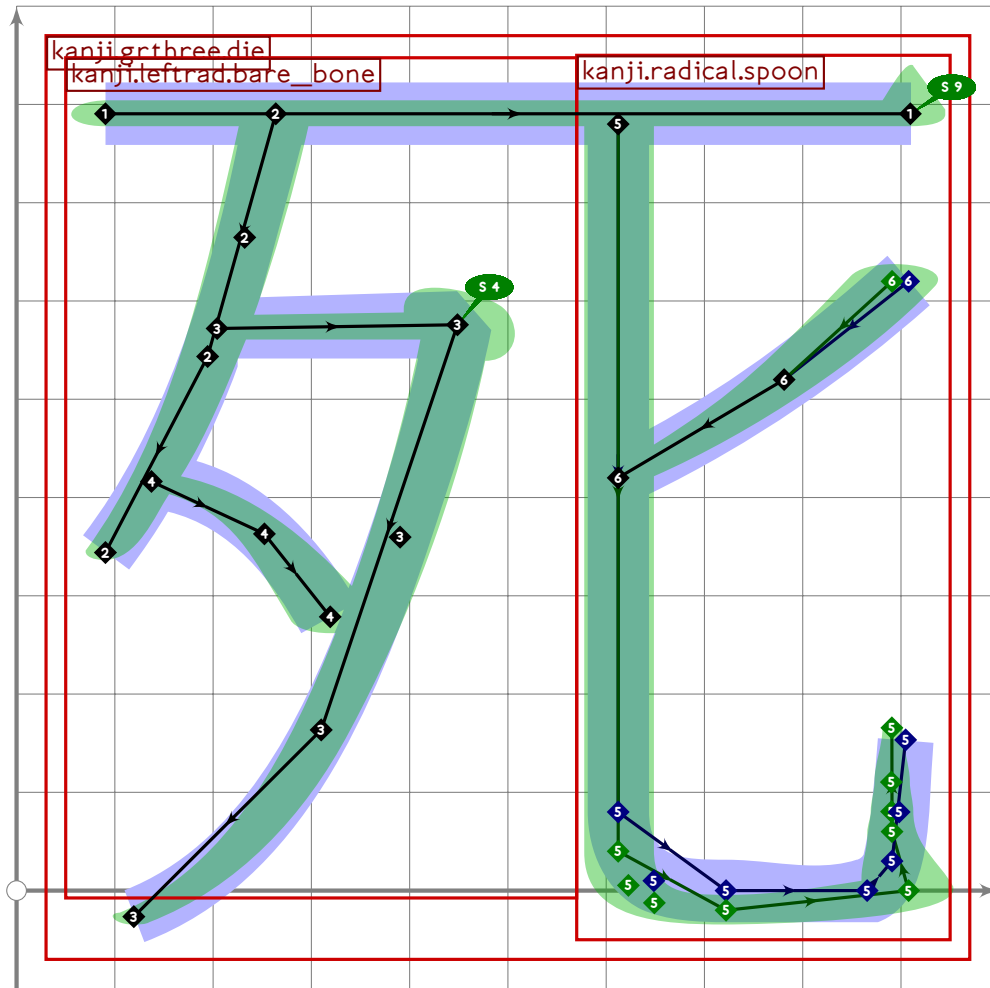
6B



```

59
60 vardef kanji.grtwo.walk =
61   push_pbox_toexpand("kanji.grtwo.walk");
62   build_kanji.level(build_kanji.tb(440,50)
63     (kanji.grtwo.cease)
64     (kanji.grtwo.little));
65   expand_pbox;
66 enddef;
67
68

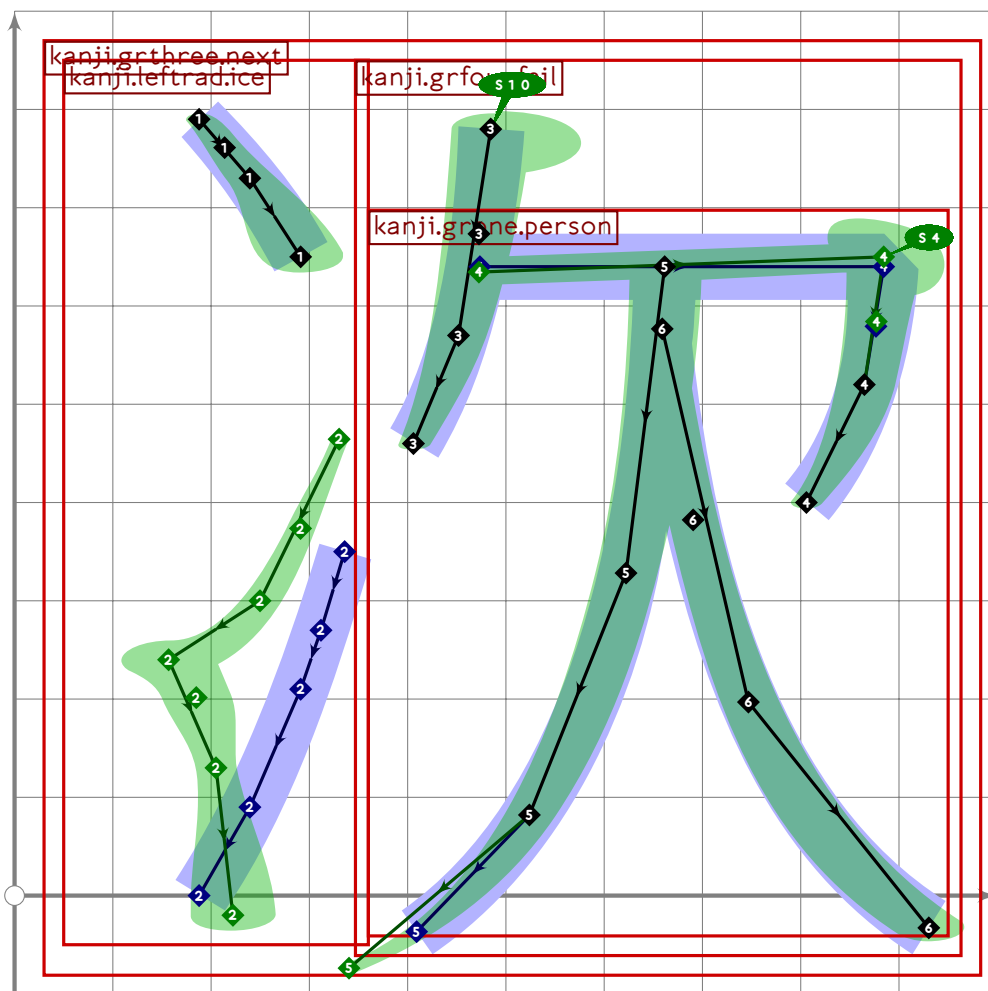
```



```

69
70 vardef kanji.grthree.die =
71   push_pbox__toexpand("kanji.grthree.die");
72   build_kanji.level(build_kanji.lr(570,0)
73     (tsu_xform(identity shifted (0,-800) yscaled 0.95 shifted (0,800))
74       (kanji.leftrad.bare_bone))
75     (kanji.radical.spoon));
76   set_bosertif(-1,0,whatever);
77   set_bosertif(0,0,whatever);
78   replace_strokep(-5)((point 0 of oldp)-
79     (1000-xpart point 0 of oldp,ypart point 1 of oldp));
80   expand_pbox;
81 enddef;

```



```

82
83 vardef kanji.grthree.next =
84   push_pbox_toexpand("kanji.grthree.next");
85   build_kanji.lr(360,0)
86     (kanji.leftrad.ice)
87     (kanji.grfour.fail);
88   expand_pbox;
89 enddef;
90
91
92
93 % ketsu/ka/akubi "fail" or "yawn"
94 begintsuglyph("uni6B20";32);
95   kanji.grfour.fail;
96   tsu_render;
97 endtsuglyph;
98
99 % ji/tsugi "next"
100 begintsuglyph("uni6B21";33);
101   kanji.grthree.next;
102   tsu_render;

```

[see page 603]

[see page 2220]

103 endtsuglyph;	
104	
105 % ka/uta "song"	
106 begintsuglyph("uni6B4C";76);	[see page 2217]
107 kanji.grtwo.song;	
108 tsu_render;	
109 endtsuglyph;	
110	
111 % shi/toma "stop"	
112 begintsuglyph("uni6B62";98);	[see page 483]
113 kanji.grtwo.cease;	
114 tsu_render;	
115 endtsuglyph;	
116	
117 % sei/tada/machi "correct"	
118 begintsuglyph("uni6B63";99);	[see page 420]
119 kanji.grone.correct;	
120 tsu_render;	
121 endtsuglyph;	
122	
123 % ho/aruku "walk"	
124 begintsuglyph("uni6B69";105);	[see page 2218]
125 kanji.grtwo.walk;	
126 tsu_render;	
127 endtsuglyph;	
128	
129 % shi/ha "tooth"	
130 begintsuglyph("uni6B6F";111);	[see page 587]
131 kanji.grthree.tooth;	
132 tsu_render;	
133 endtsuglyph;	
134	
135 % gatsu "bare bone radical"	
136 begintsuglyph("uni6B79";121);	[see page 646]
137 kanji.leftrad.bare_bone;	
138 tsu_render;	
139 endtsuglyph;	
140	
141 % shi "die"	
142 begintsuglyph("uni6B7B";123);	[see page 2219]
143 kanji.grthree.die;	
144 tsu_render;	
145 endtsuglyph;	
146	
147 % shu/mata "windy again radical"	
148 begintsuglyph("uni6BB3";179);	[see page 686]
149 kanji.radical.windy_again;	
150 tsu_render;	

U+6BCC  
tsuku.uni6BCC

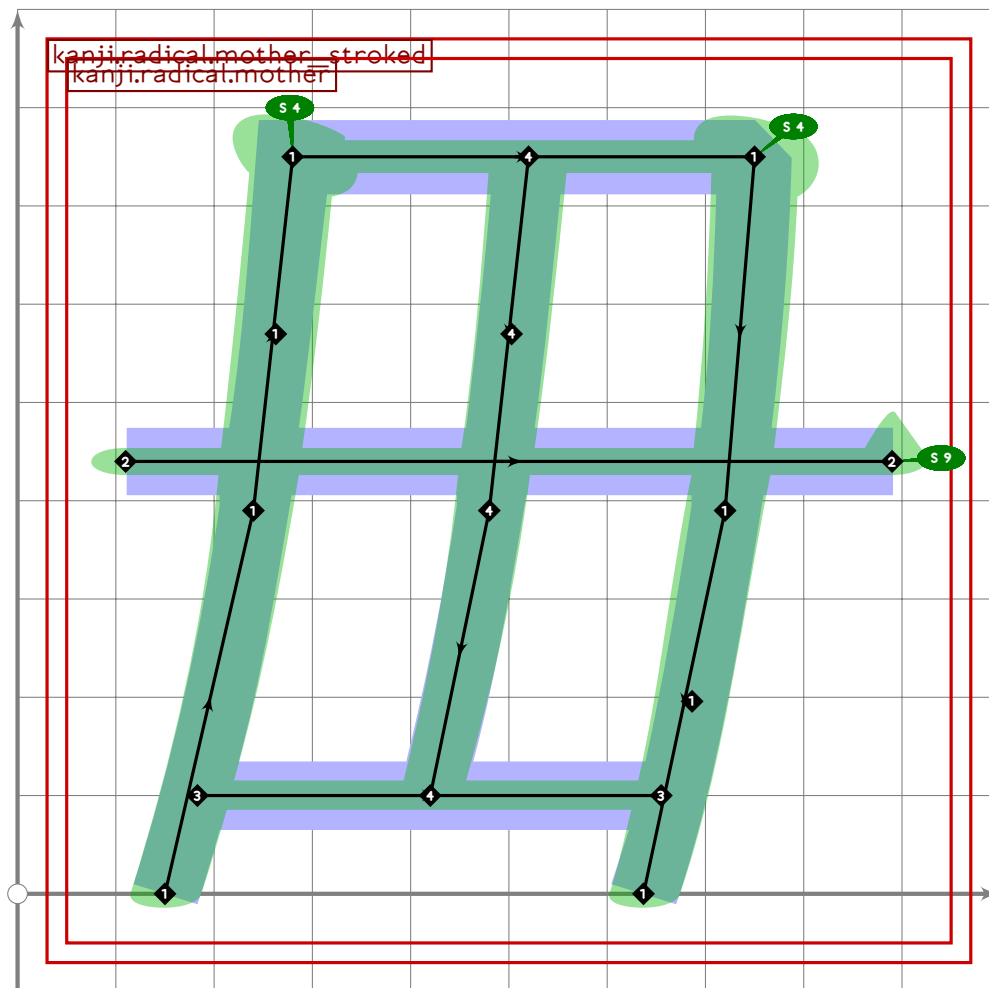
```

151 endtsuglyph;
152
153 % extra: mother radical, stroked version
154 begintsuglyph("uni6BCB";203);
155   kanji.radical.mother_stroked;
156   tsu_render;
157 endtsuglyph;
158

```

[see page 670]

6B



```

159 % further variation
160 begintsuglyph("uni6BCC";204);
161   kanji.radical.mother_stroked;
162   replace_stroke(-3)(subpath (0,xpart (oldp intersectiontimes
163     ((500,0)-(1000,0)))) of oldp);
164   replace_strokeq(-3)(subpath (0,length get_stroke(-3)) of oldq);
165   replace_stroke(-1)((183,100)-(655,100));
166   set_boserif(-1,whatever);
167   tsu_render;
168 endtsuglyph;
169
170 % bo/haha "mother"
171 begintsuglyph("uni6BCD";205);

```

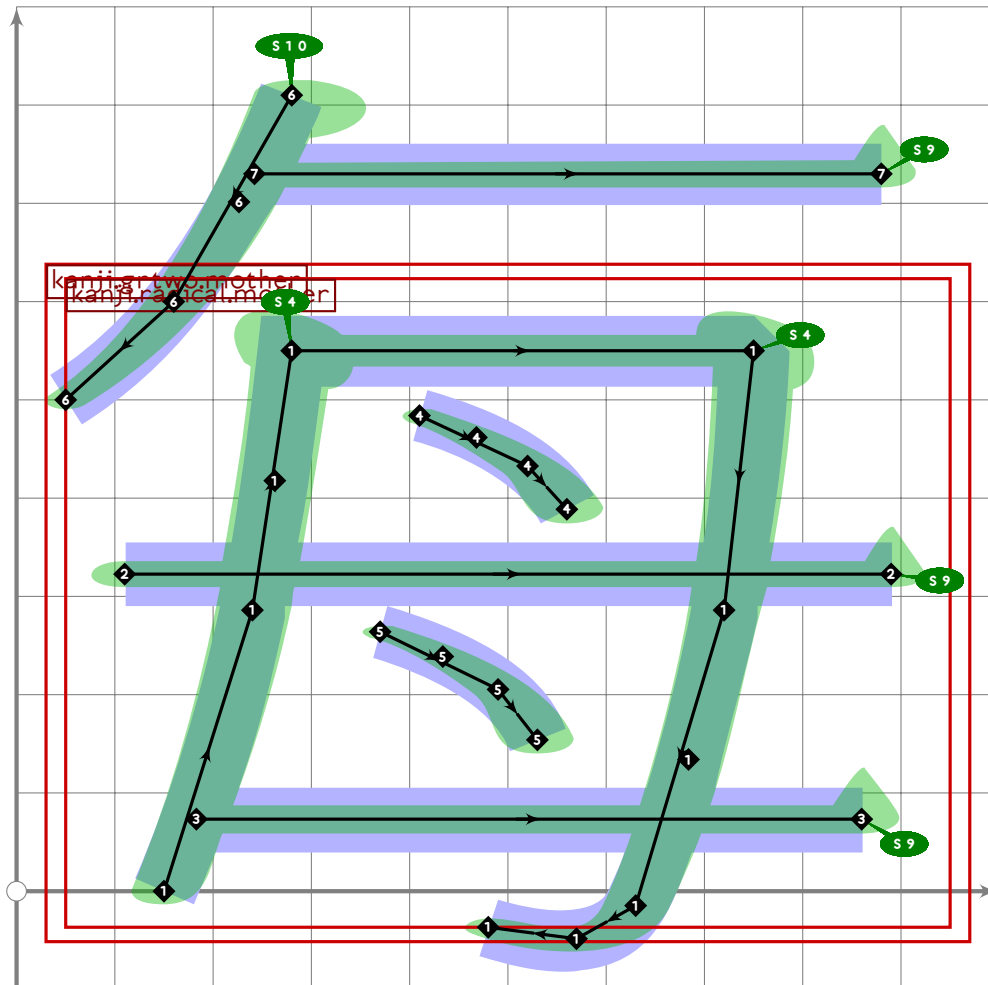
[see page 522]

```

172 kanji.grtwo.mother;
173 tsu_render;
174 endtsuglyph;
175
176 % mai/goto "every"
177 begintsuglyph("uni6BCE";206);
178 kanji.grtwo.every;
179 tsu_render;
180 endtsuglyph;
181

```

[see page 494]



6B

```

182 % extra, closely related to previous
183 begintsuglyph("uni6BCF";207);
184 tsu_xform(identity yscaled (550/750))
185   (kanji.grtwo.mother);
186 push_stroke((280,810)..tension 1.2..(160,600)..(50,500),
187   (1.7,1.7)-(1.5,1.5)-(1.2,1.2));
188 set_boserif(0,0,10);
189 set_bosize(0,90);
190 push_stroke((get_strokep(0) intersectionpoint ((0,730)-(1000,730)))-(
191   (880,730),
192   (1.5,1.5)-(1.6,1.6));

```

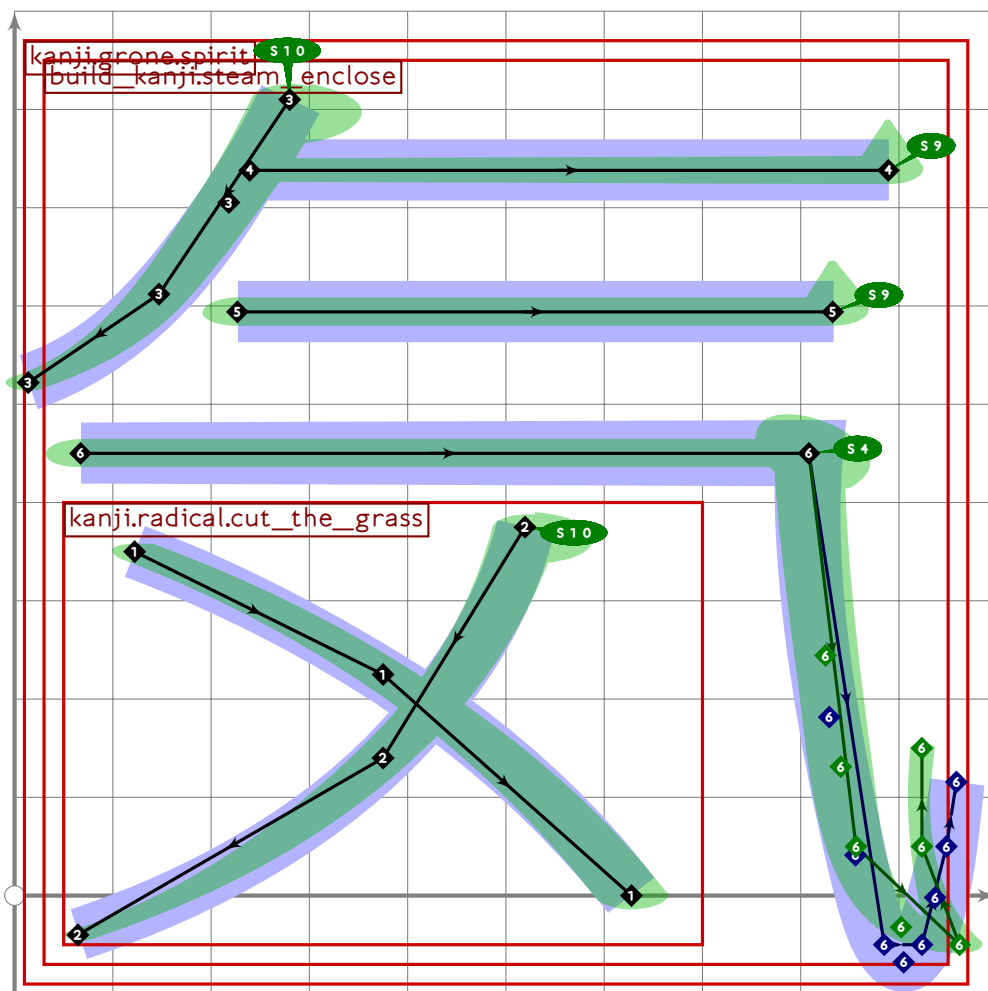
```
193 set_bosserif(0,19);
194 set_bosize(0,90);
195 tsu_render;
196 endtsuglyph;
197
198 % hi/kura "compare"
199 begintsuglyph("uni6BD4";212);
200 kanji.grfive.compare;
201 tsu_render;
202 endtsuglyph;
203
204 % mou/ke "hair"
205 begintsuglyph("uni6BDB";219);
206 kanji.grtwo.hair;
207 tsu_render;
208 endtsuglyph;
209
210 _____
211
212 endfont;
213
214 _____
```

[see page 620]

[see page 504]

# tsuku-6c.mp

```
1 %
2 % Unicode page 6C (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradesix.mp;
44 input gradethree.mp;
45 input gradetwo.mp;
46 input leftrad.mp;
47 input radical.mp;
48 input rare.mp;
49 input toprad.mp;
50
51 do_late_includes;
52
53
```

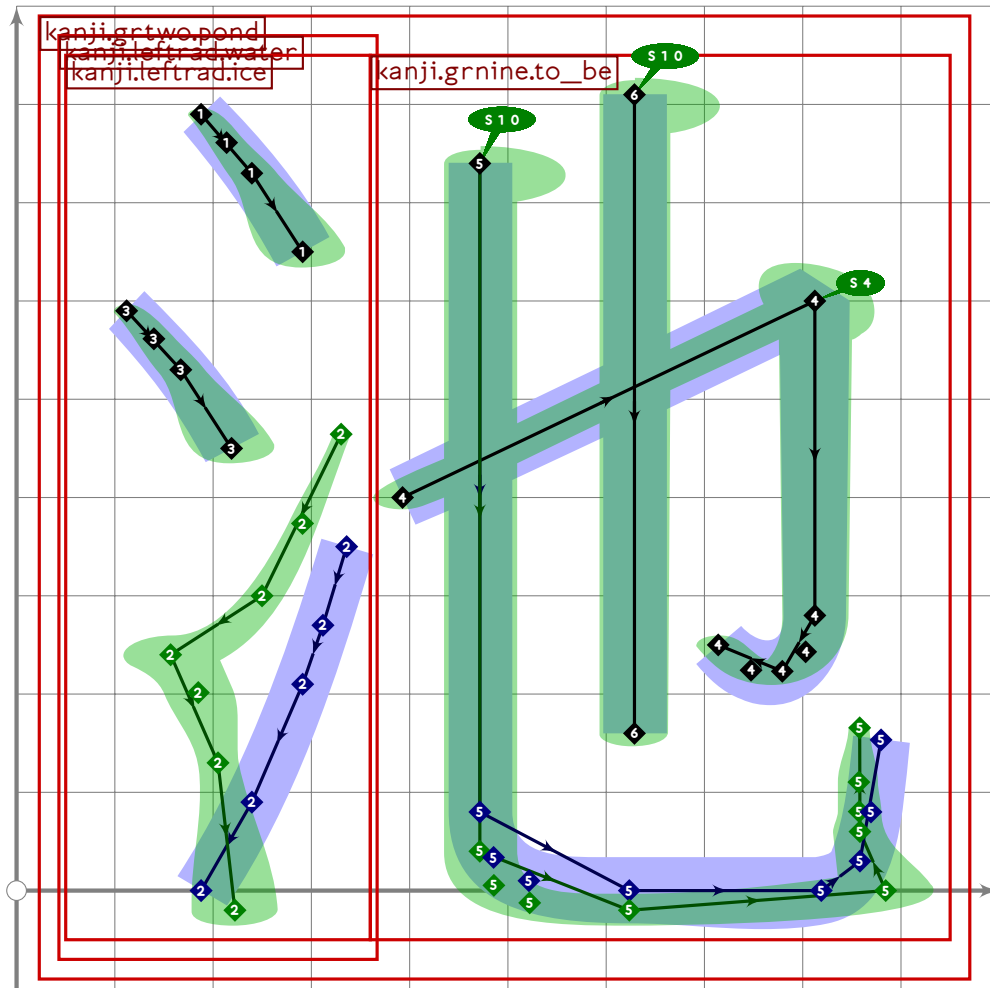


6C

```

54
55 vardef kanji.grone.spirit =
56   push_pbox_toexpand("kanji.grone.spirit");
57   build_kanji.steam_enclose((700,400))
58   (kanji.radical.cut_the_grass);
59   expand_pbox;
60 enddef;
61
62

```

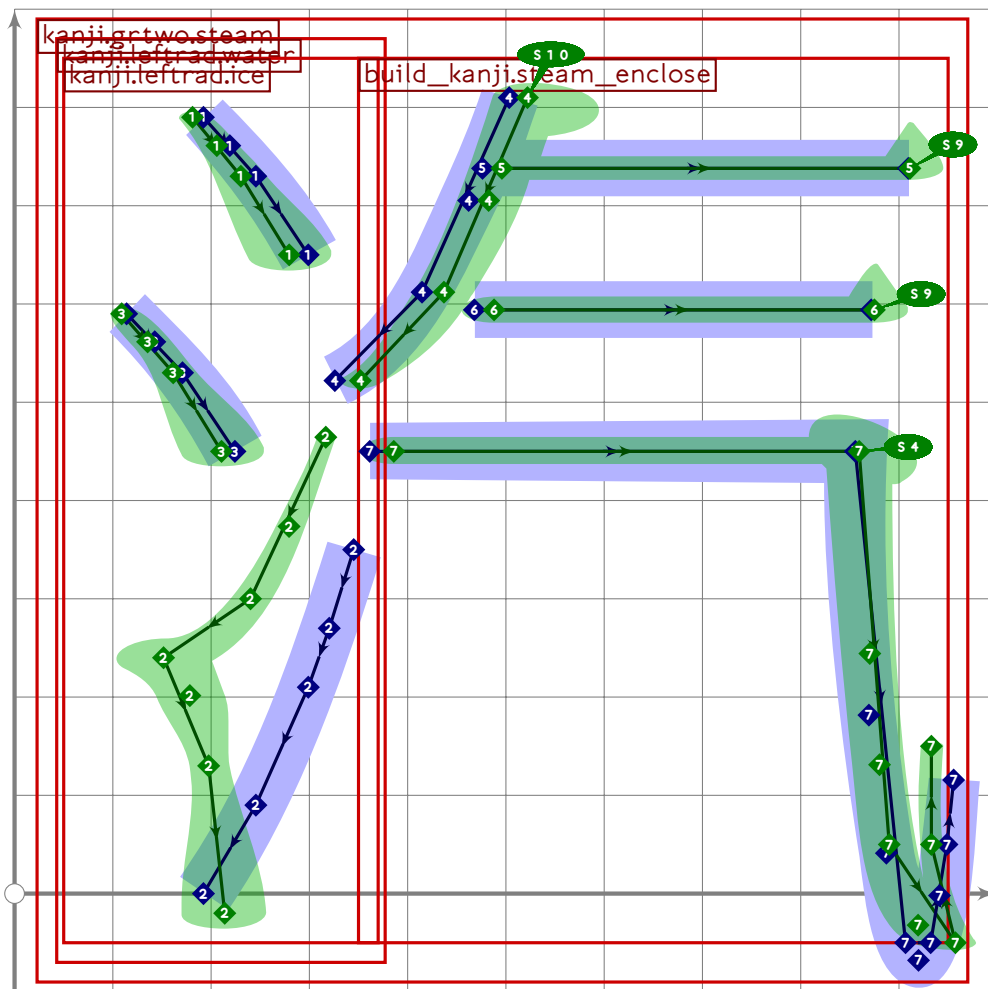


```

63
64 vardef kanji.grtwo.pond =
65   push_pbox_toexpand("kanji.grtwo.pond");
66   build_kanji.lr(360,0)
67     (kanji.leftrad.water)
68     (kanji.grnine.to_be);
69   expand_pbox;
70 enddef;

```

U+6C7D  
tsuku.uni6C7D

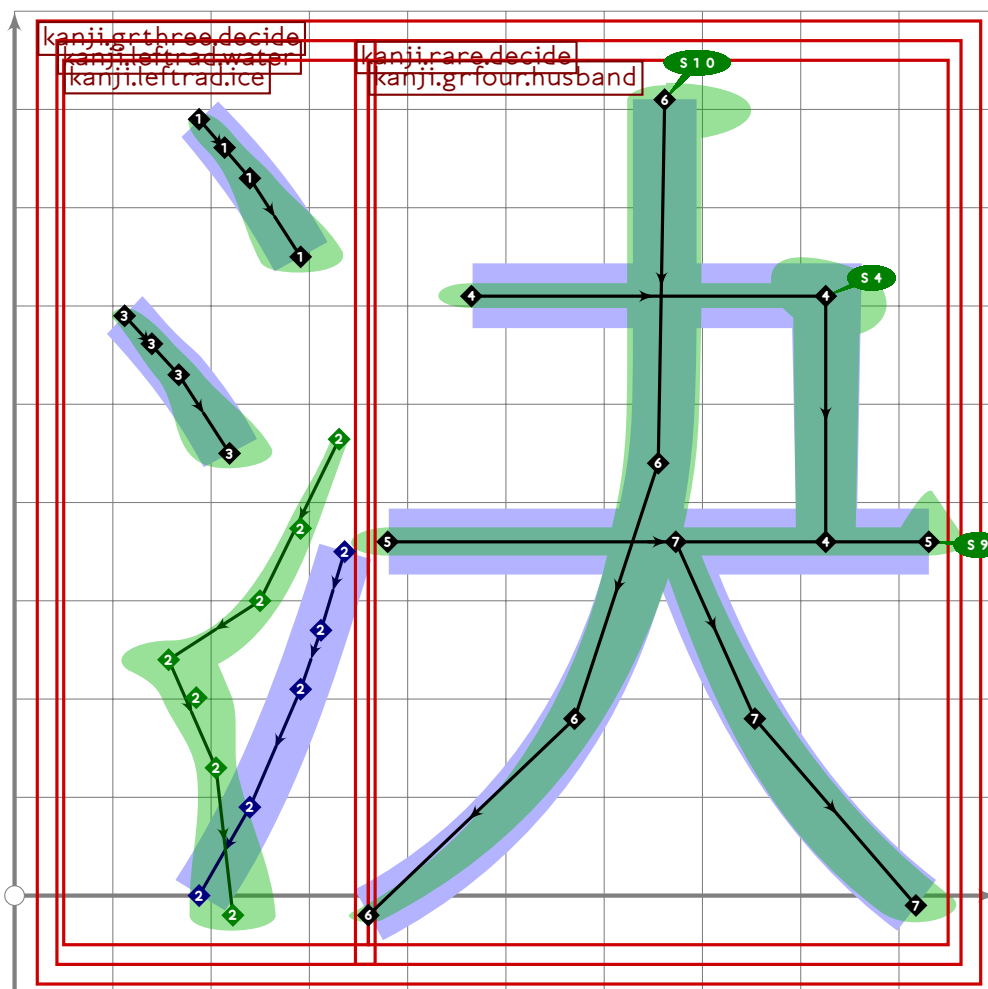


6C

```

71
72 vardef kanji.grtwo.steam =
73   push_pbox_toexpand("kanji.grtwo.steam");
74   build_kanji.lr(360,20-50*mincho)
75     (kanji.leftrad.water)
76     (build_kanji.steam_enclose((700,400))());
77   expand_pbox;
78 enddef;
79
80

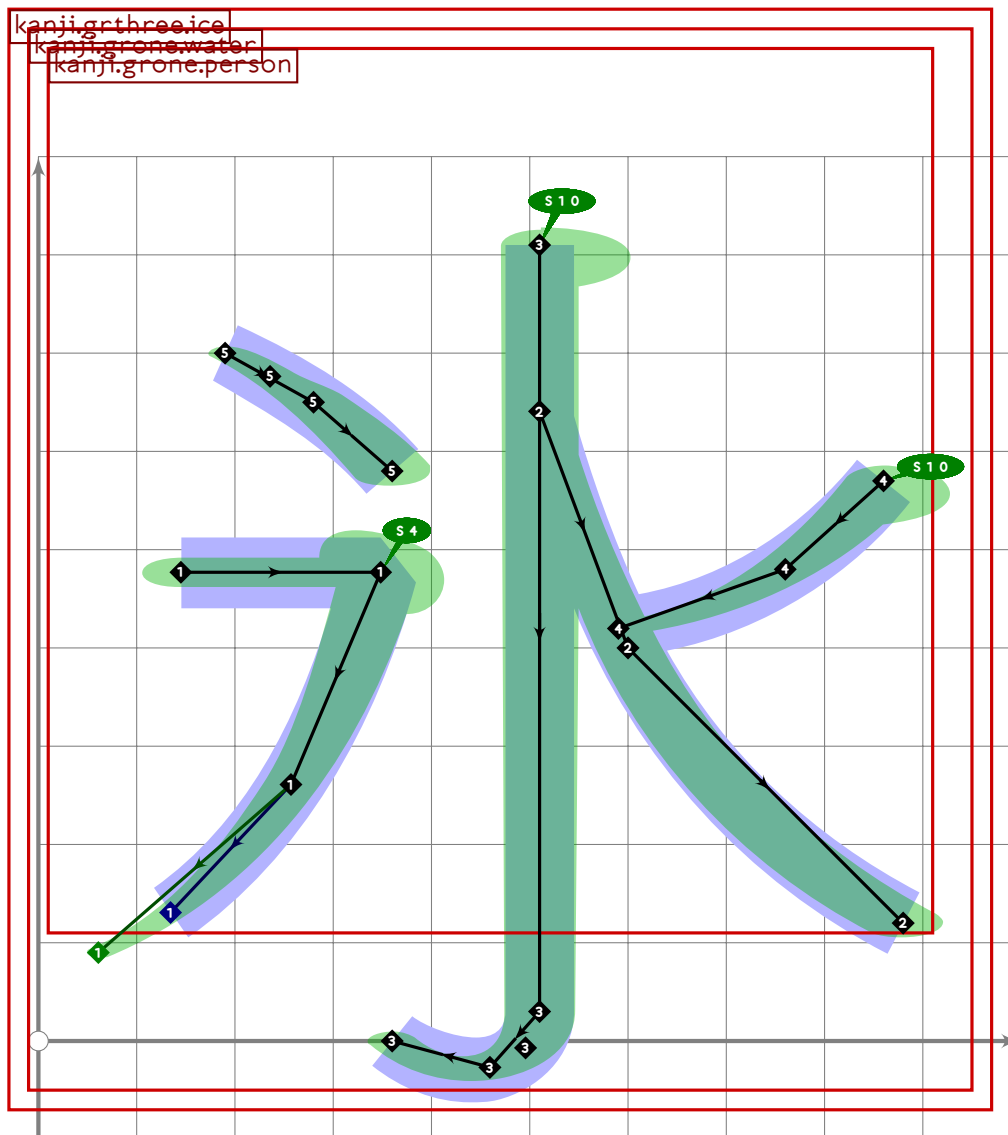
```



```

81
82 vardef kanji.grthree.decide =
83   push_pbox_toexpand("kanji.grthree.decide");
84   build_kanji.lr(360,0)
85     (kanji.leftrad.water)
86     (kanji.rare.decide);
87   expand_pbox;
88 enddef;

```

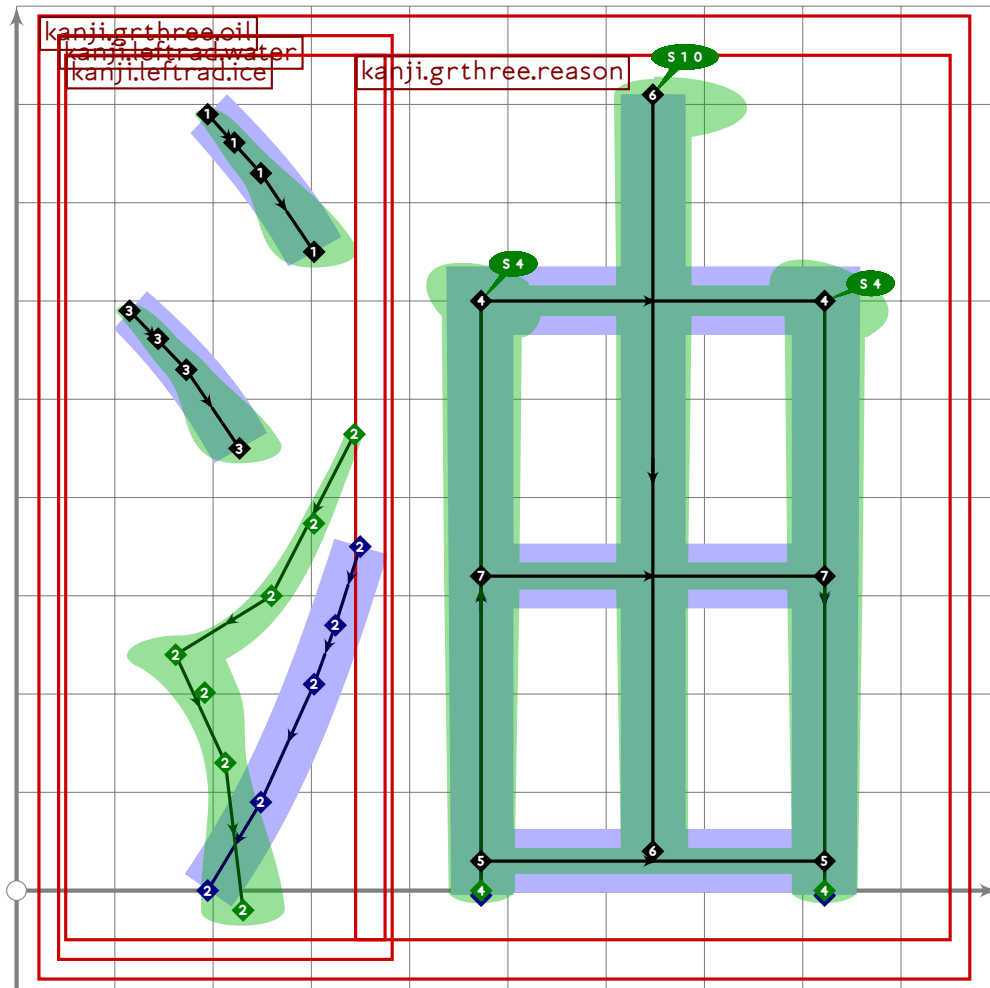


6C

```

89
90 vardef kanji.grthree.ice =
91   push_pbox_toexpand("kanji.grthree.ice");
92   kanji.grone.water;
93   replace_stroke(-3)(oldp yscaled 0.9);
94   push_stroke((190,700)..tension 1.2..(280,650)..(360,580),
95     (1,1)-(14,14)-(16,16));
96   expand_pbox;
97 enddef;

```

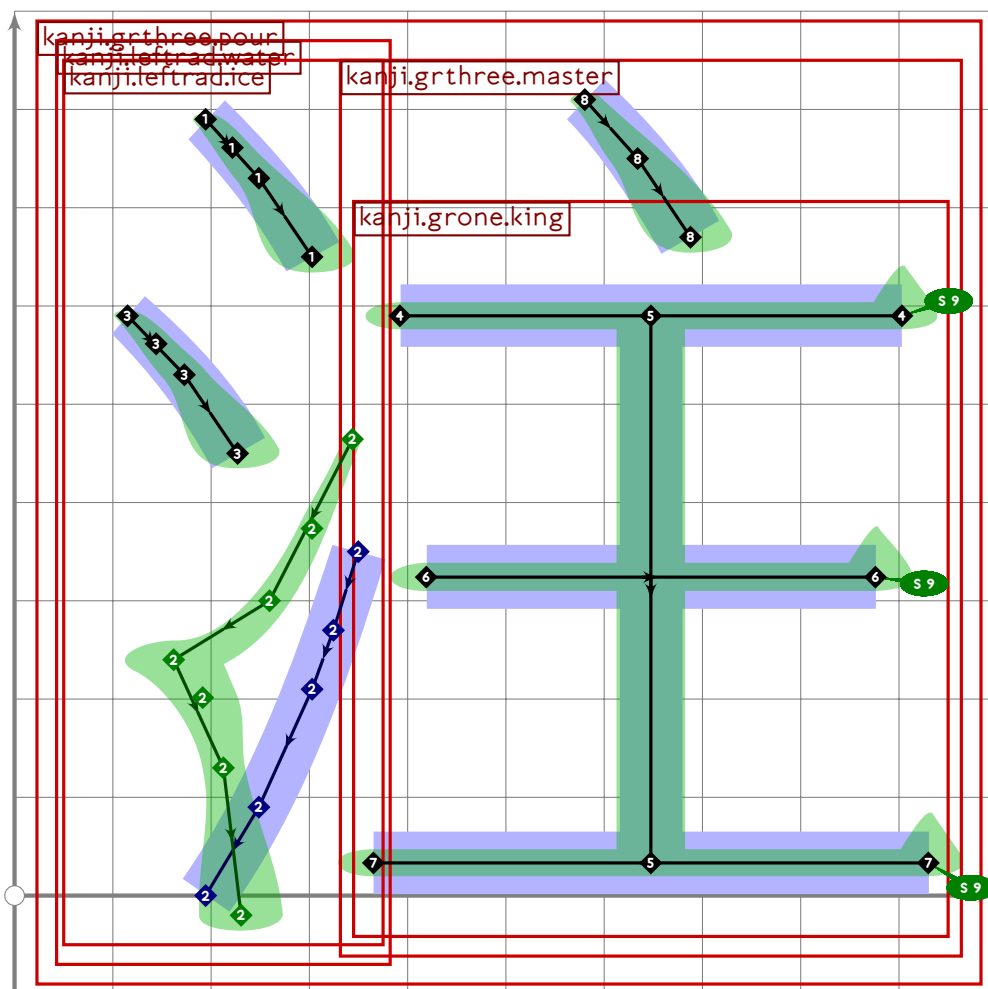


```

98
99 vardef kanji.grthree.oil =
100   push_pbox_toexpand("kanji.grthree.oil");
101   build_kanji.lr(360,30)
102     (kanji.leftrad.water)
103     (kanji.grthree.reason);
104   expand_pbox;
105 enddef;

```

U+6CE8  
tsuku.uni6CE8

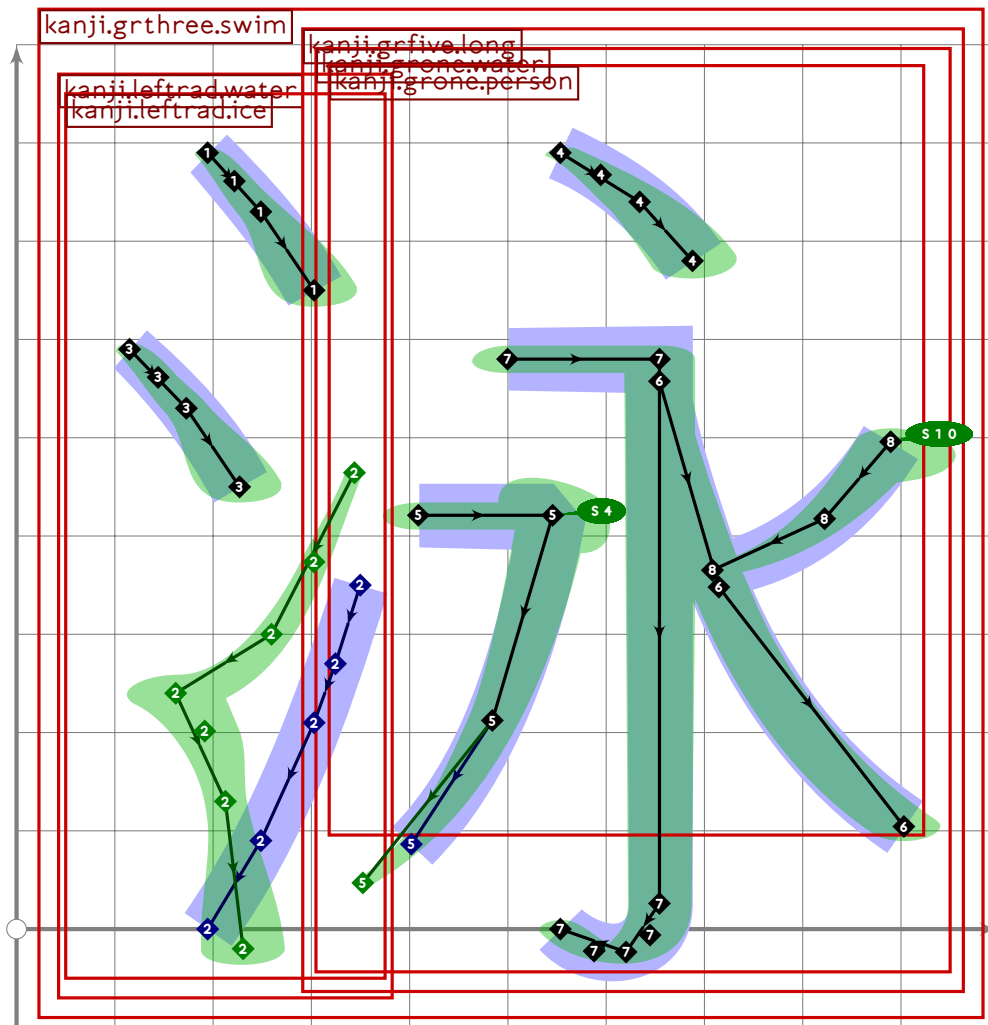


6C

```

106
107 vardef kanji.grthree.pour =
108   push_pbox_toexpand("kanji.grthree.pour");
109   build_kanji.lr(360,30)
110     (kanji.leftrad.water)
111     (kanji.grthree.master);
112   expand_pbox;
113 enddef;

```

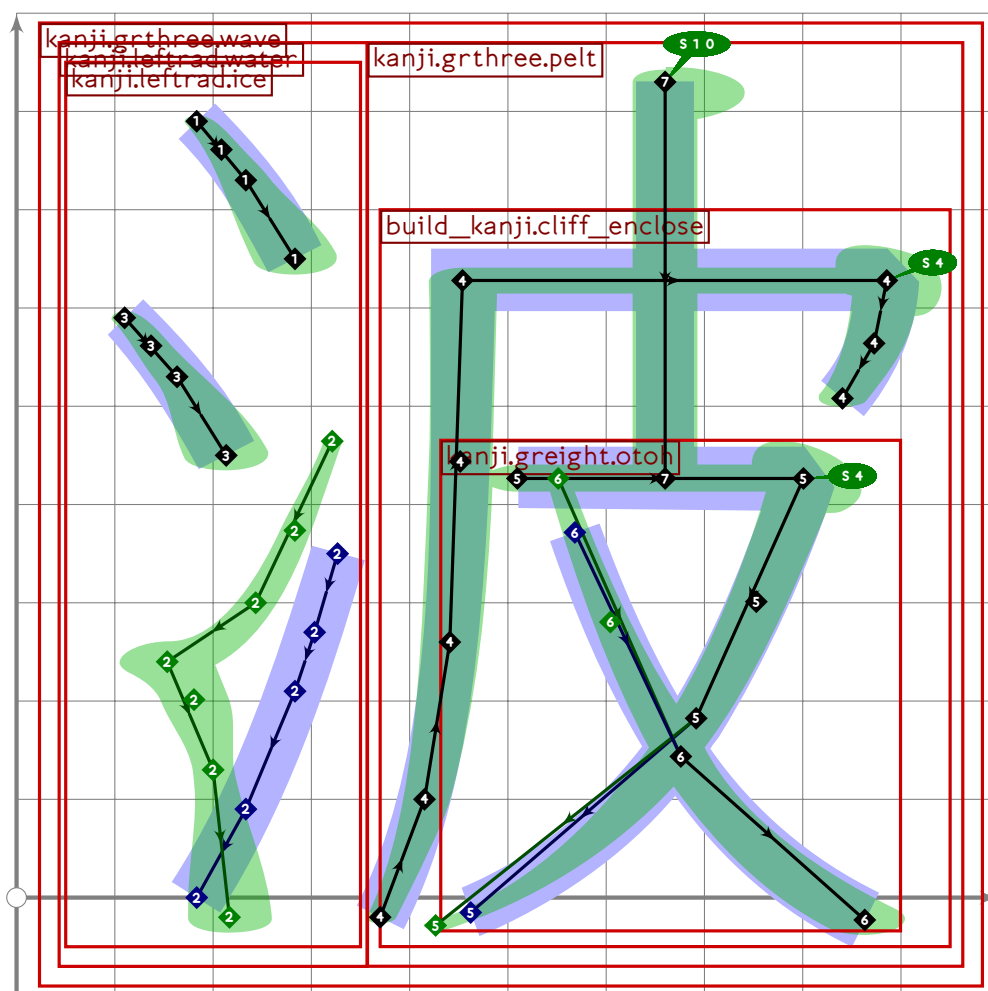


```

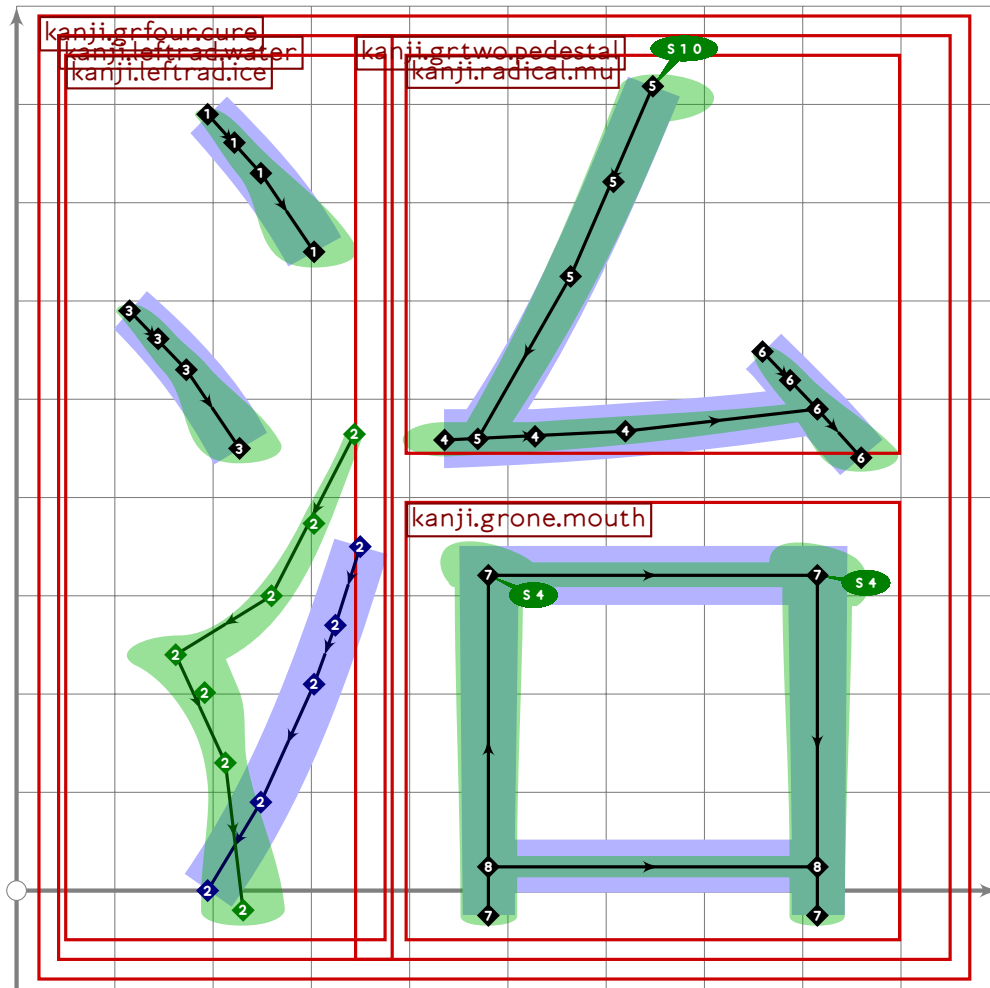
114
115 vardef kanji.grthree.swim =
116   push_pbox_toexpand("kanji.grthree.swim");
117   build_kanji.lr(360,30)
118     (kanji.leftrad.water)
119     (kanji.grfive.long);
120   expand_pbox;
121 enddef;

```

6C



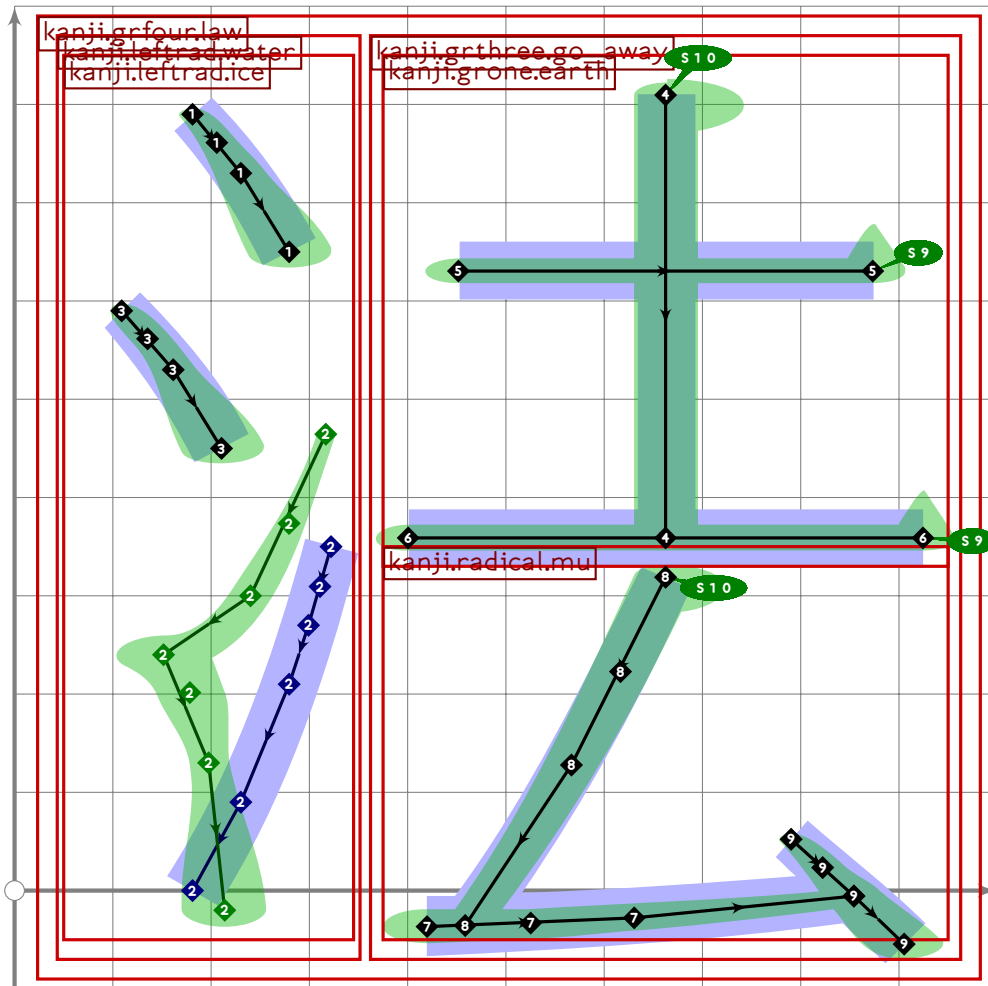
---



```

132
133 vardef kanji.grfour.cure =
134   push_pbox_toexpand("kanji.grfour.cure");
135   build_kanji.lr(360,30)
136     (kanji.leftrad.water)
137     (kanji.grtwo.pedestal);
138   expand_pbox;
139 enddef;

```

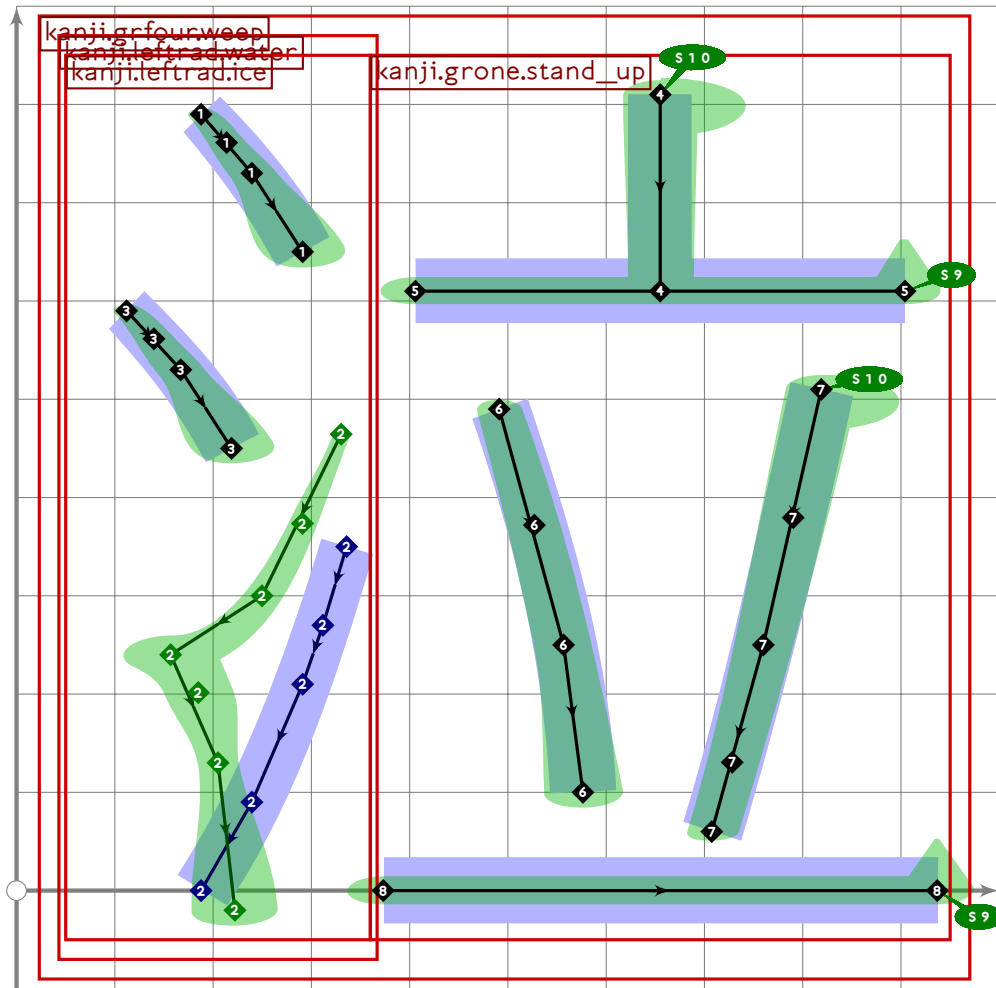


6C

```

140
141 vardef kanji.grfour.law =
142   push_pbox_toexpand("kanji.grfour.law");
143   build_kanji.lr(360,-30)
144     (kanji.leftrad.water)
145     (kanji.grthree.go_away);
146   expand_pbox;
147 enddef;

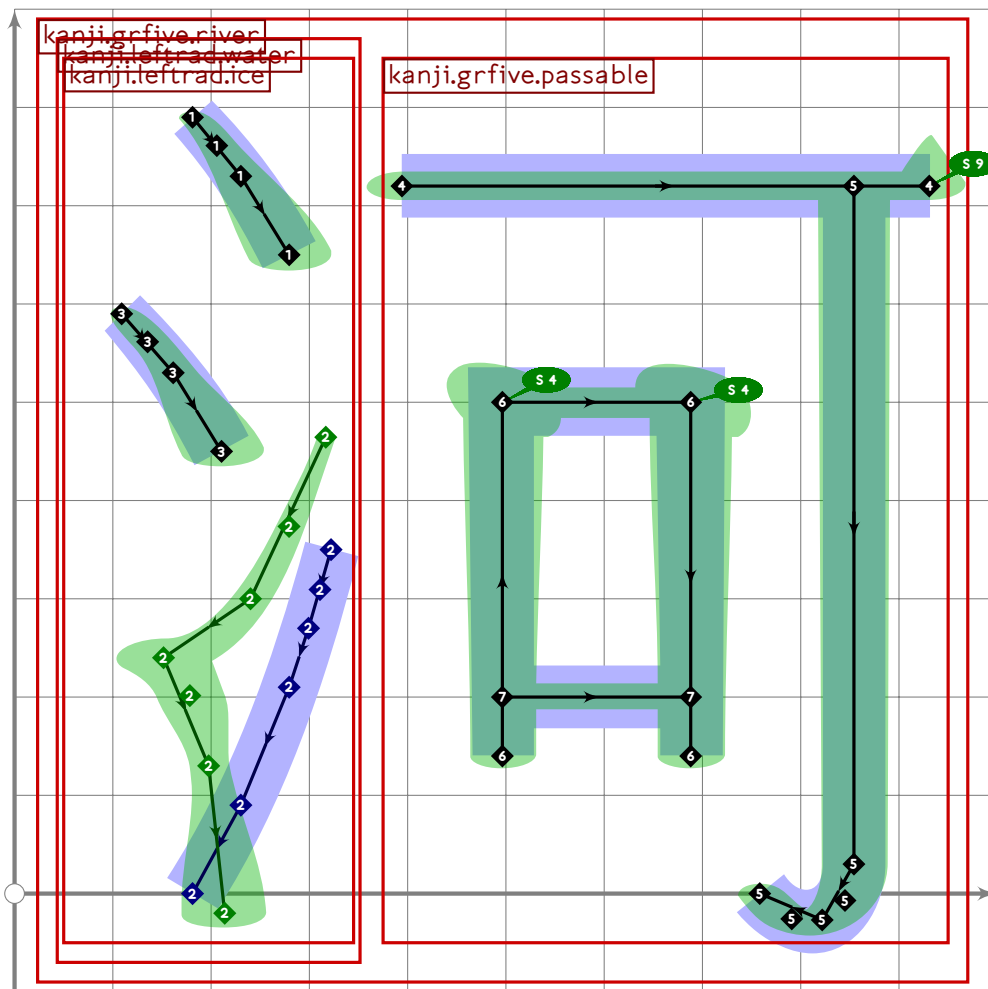
```



```

148
149 vardef kanji.grfour.weep =
150   push_pbox_toexpand("kanji.grfour.weep");
151   build_kanji.lr(360,0)
152     (kanji.leftrad.water)
153     (kanji.grone.stand_up);
154   expand_pbox;
155 enddef;
156
157

```

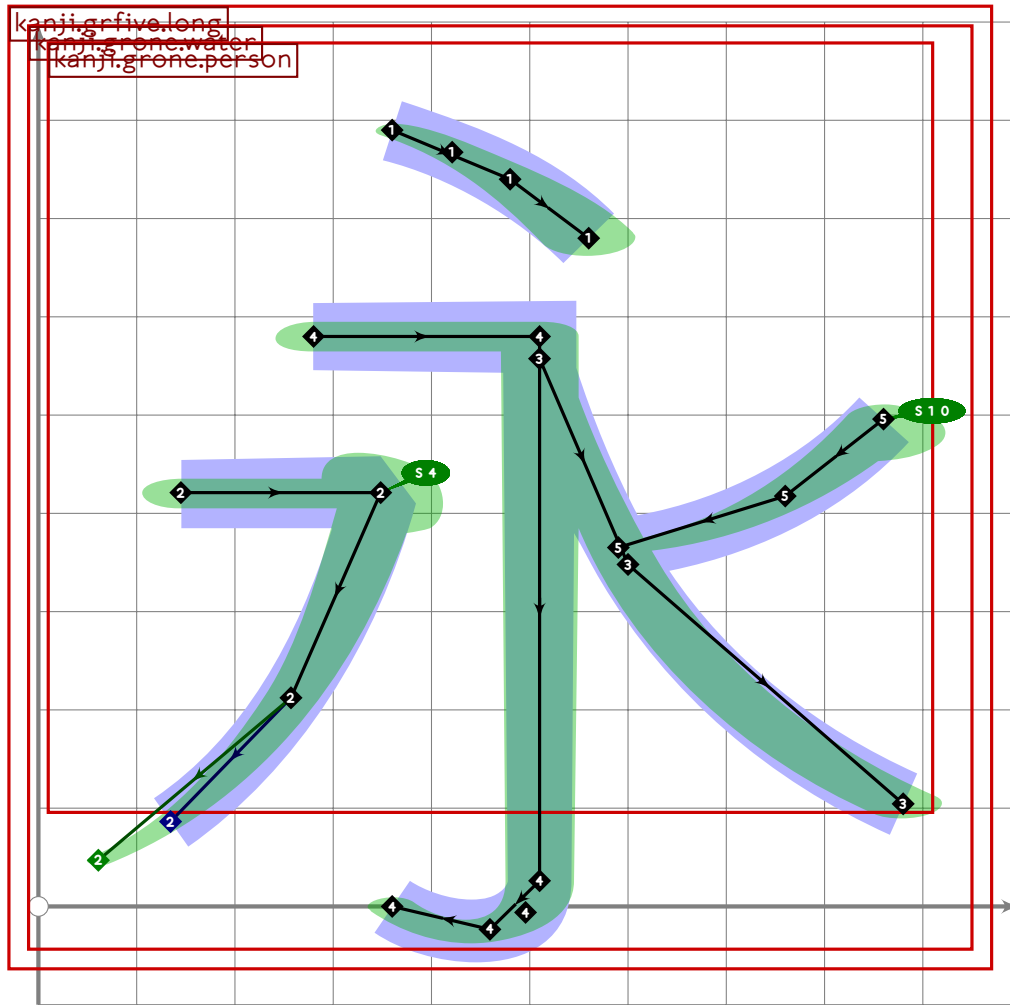


6C

```

158
159 vardef kanji.grfive.river =
160   push_pbox_toexpand("kanji.grfive.river");
161   build_kanji.lr(360,-30)
162     (kanji.leftrad.water)
163     (kanji.grfive.passable);
164   expand_pbox;
165 enddef;

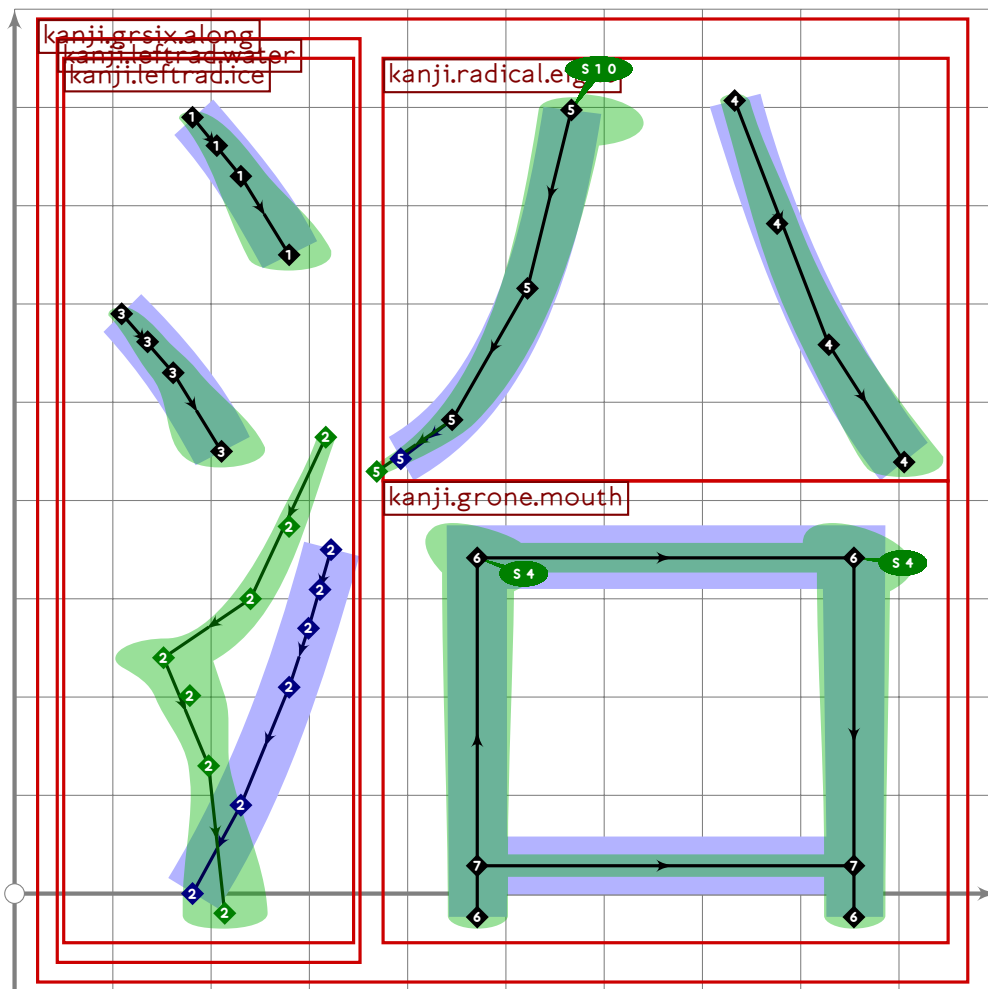
```



6C

```

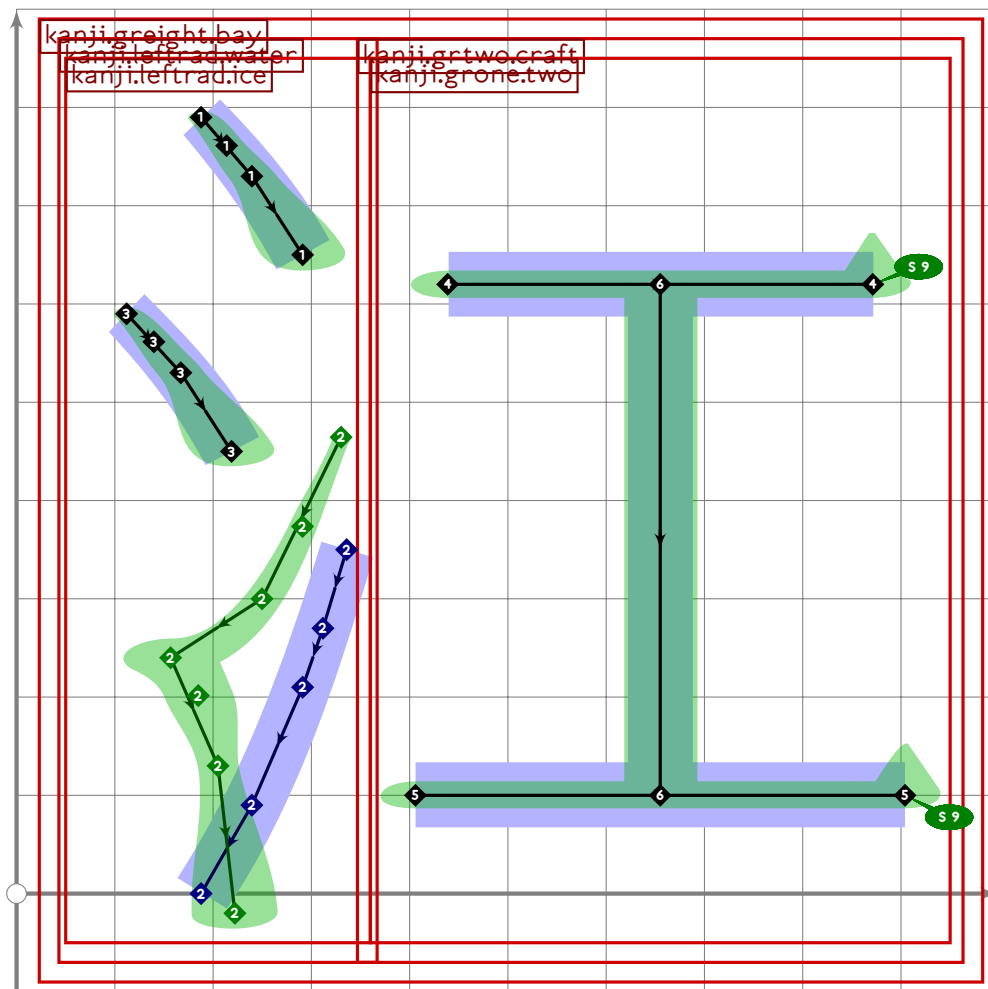
166
167 vardef kanji.grfive.long =
168   push_pbox_toexpand("kanji.grfive.long");
169   push_stroke((360,790)..tension 1.2..(480,740)..(560,680),
170     (1,1)–(1.5,1.5)–(1.8,1.8));
171   tsu_xform(identity yscaled 0.87)(kanji.grone.water);
172   replace_strokep(-3)(oldp shifted (0,-40));
173   replace_strokep(-1)((280,580)–(510,580)–(subpath (1,infinity) of oldp));
174   replace_strokeq(-1)((1.6,1.6)–oldq);
175   set_boserif(-1,0,whatever);
176   set_botip(-1,1,1);
177   expand_pbox;
178 enddef;
179
180
```



6C

```

181
182 vardef kanji.grsix.along =
183   push_pbox_toexpand("kanji.grsix.along");
184   build_kanji.level(build_kanji.lr(360;-30)
185     (kanji.leftrad.water)
186     (build_kanji.tb(420,0)
187       (kanji.radical.eight)
188       (kanji.grone.mouth)));
189   expand_pbox;
190 enddef;
191
192
```

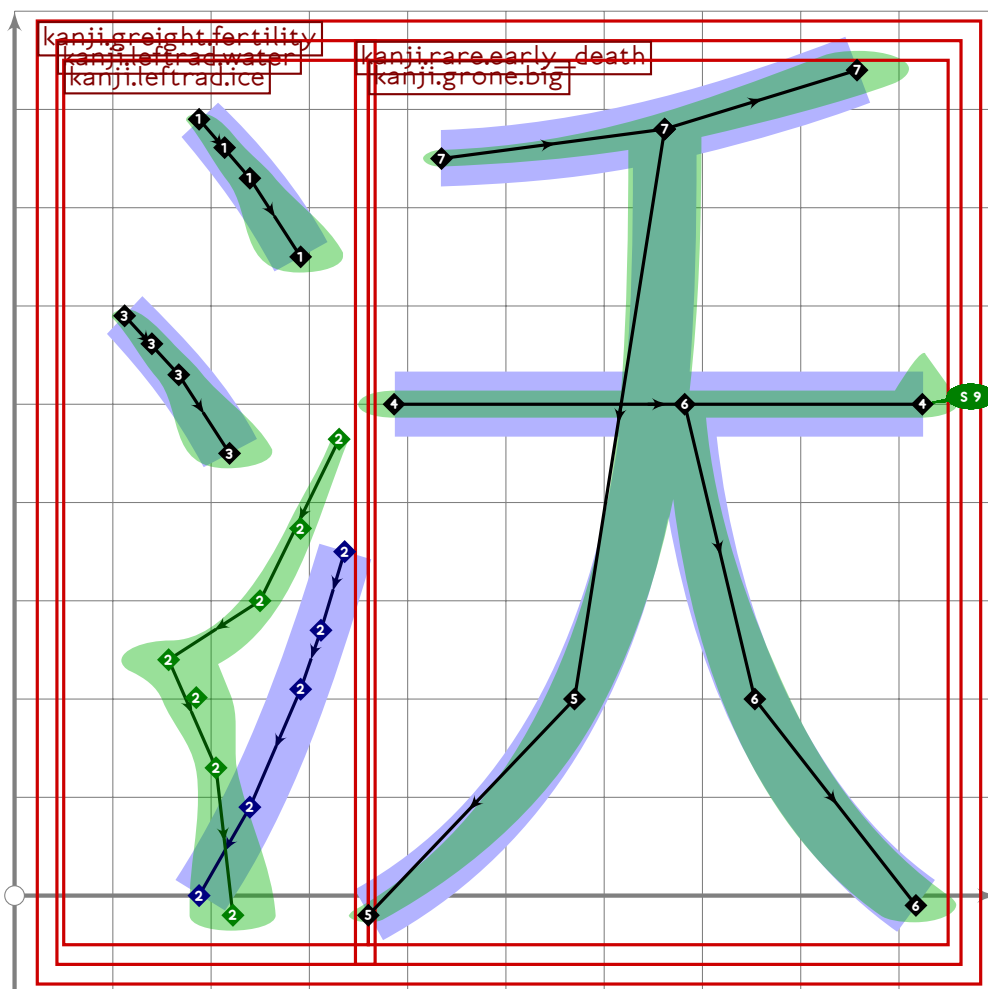


```

193
194 vardef kanji.greight.bay =
195   push_pbox_toexpand("kanji.greight.bay");
196   build_kanji.lr(360,0)
197     (kanji.leftrad.water)
198     (kanji.grtwo.craft);
199   expand_pbox;
200 enddef;

```

U+6C83  
tsuku.uni6C83

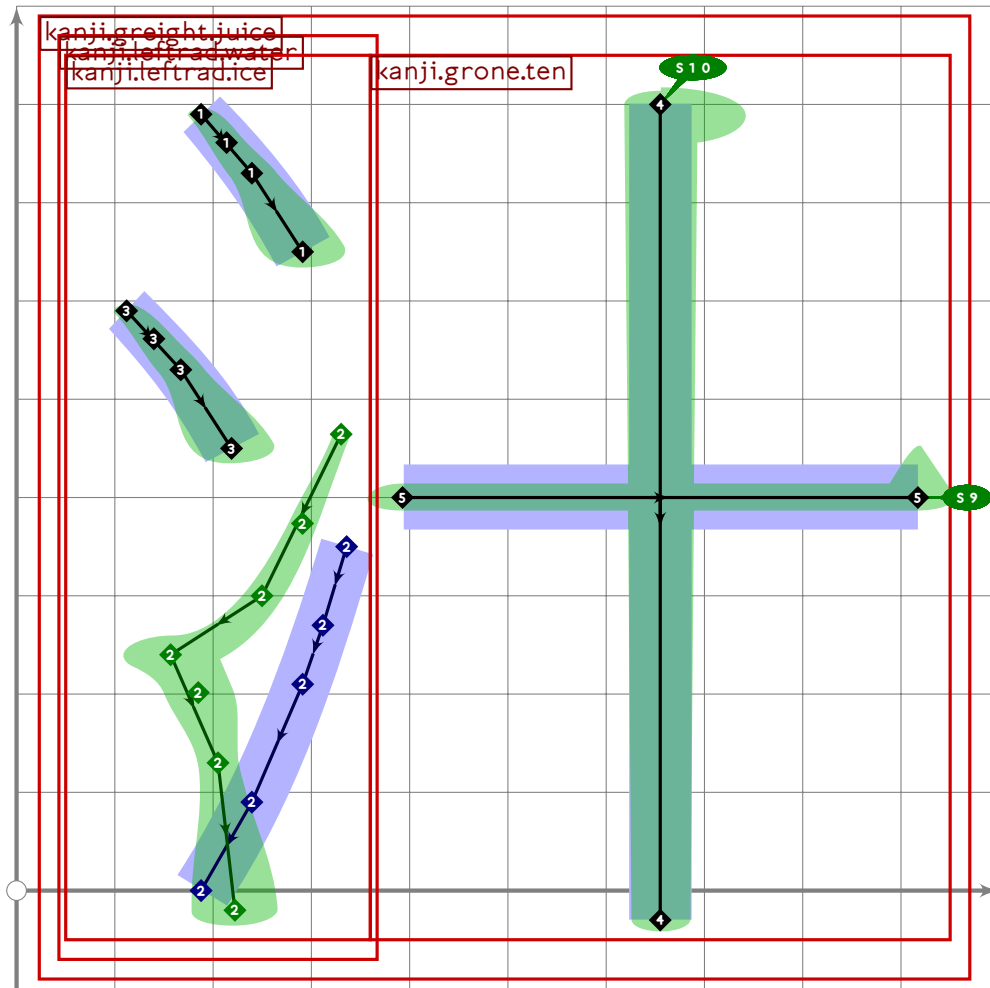


6C

```

201
202 vardef kanji.greight.fertility =
203   push_pbox_toexpand("kanji.greight.fertility");
204   build_kanji.lr(360,0)
205     (kanji.leftrad.water)
206     (kanji.rare.early_death);
207   expand_pbox;
208 enddef;

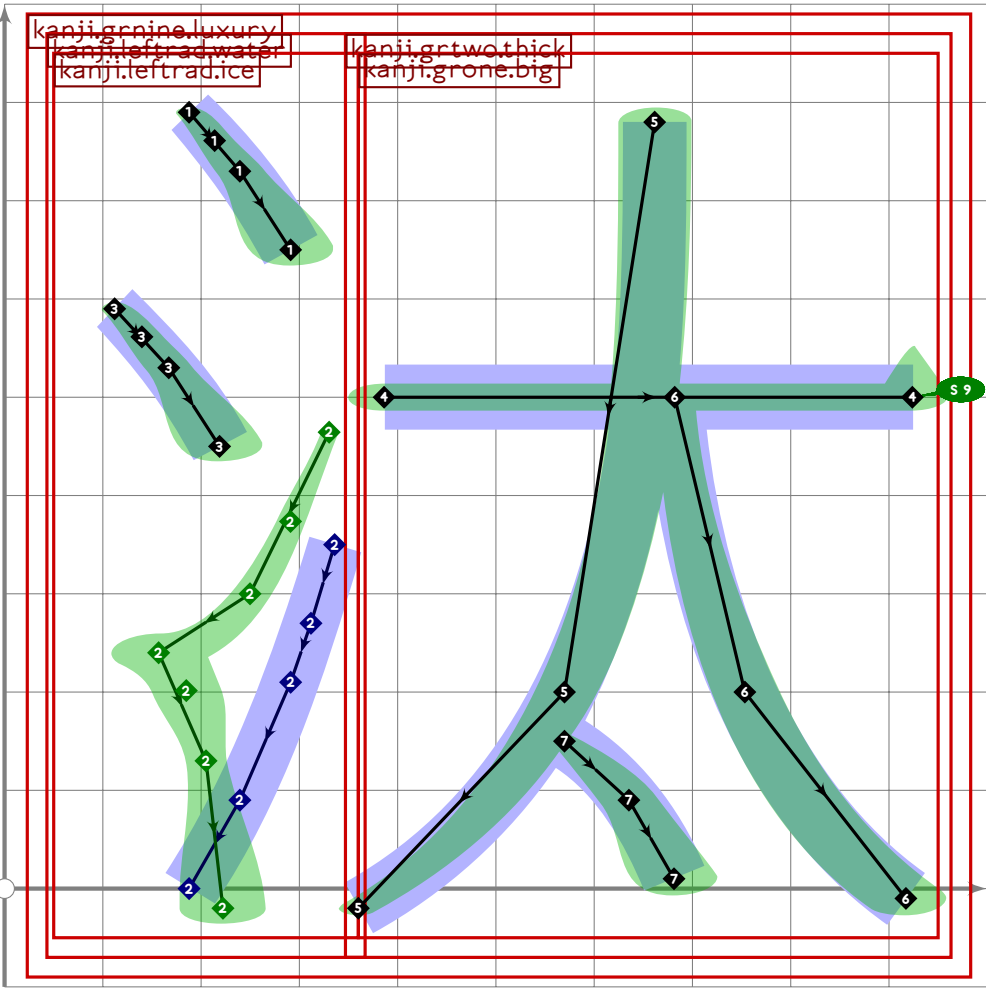
```



```

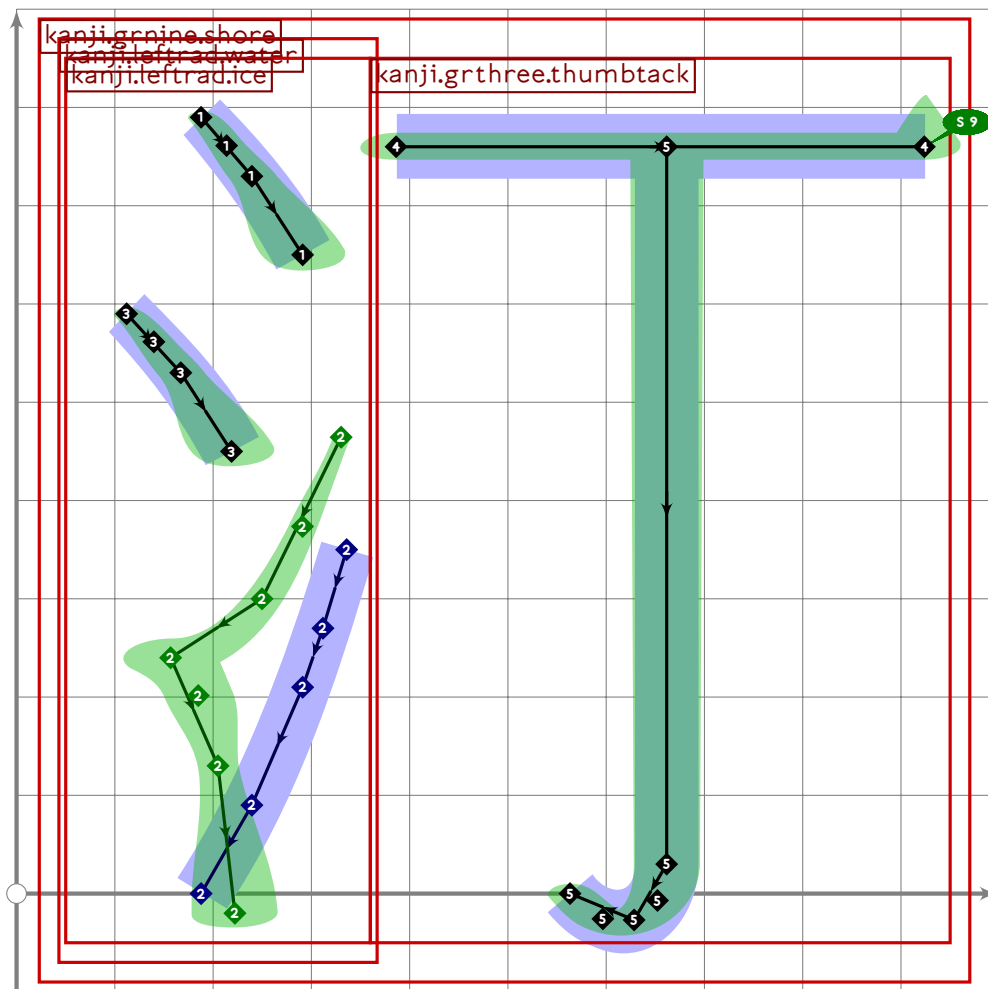
209
210 vardef kanji.greight.juice =
211   push_pbox_toexpand("kanji.greight.juice");
212   build_kanji.lr(360,0)
213     (kanji.leftrad.water)
214     (kanji.grone.ten);
215   expand_pbox;
216 enddef;
217
218
```

U+6C70  
tsuku.uni6C70



6C

```
219
220 vardef kanji.grnine.luxury =
221   push_pbox_toexpand("kanji.grnine.luxury");
222   build_kanji.lr(360,0)
223     (kanji.leftrad.water)
224     (kanji.grtwo.thick);
225   expand_pbox;
226 enddef;
```

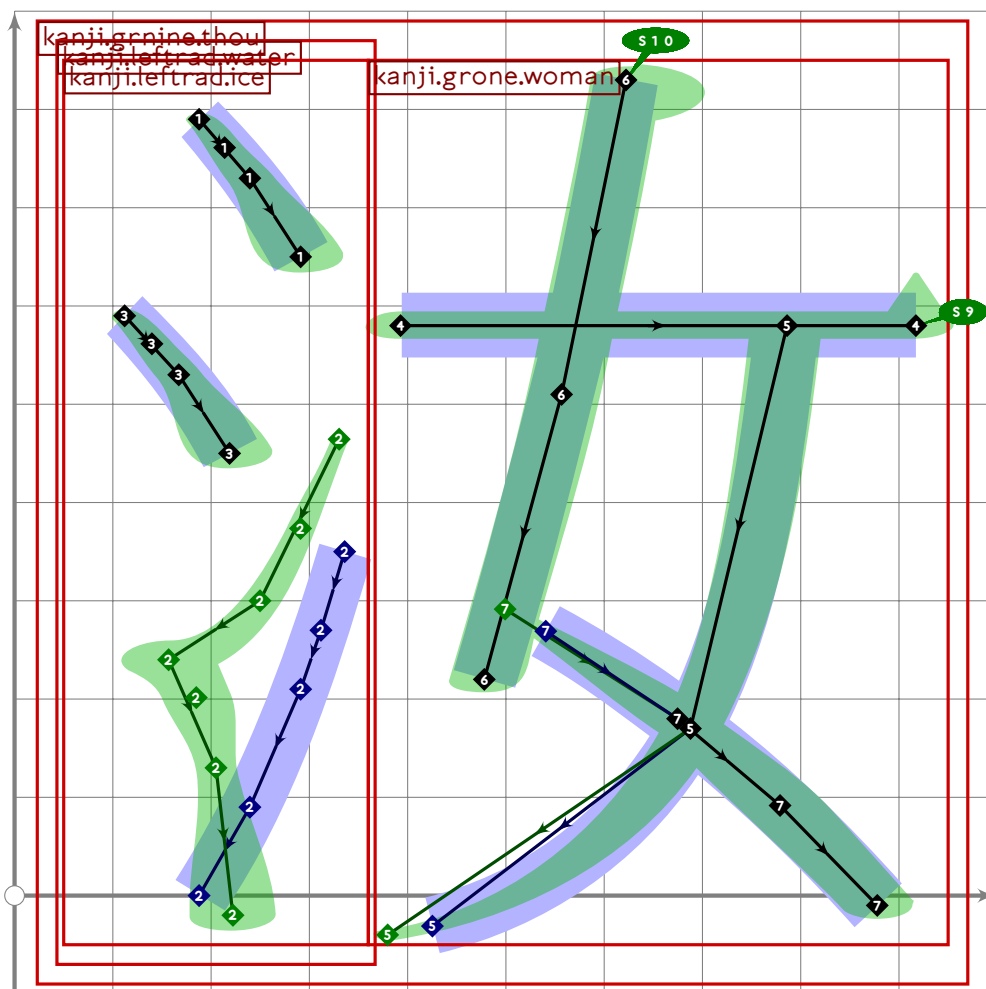


```

227
228 vardef kanji.grnine.shore =
229   push_pbox_toexpand("kanji.grnine.shore");
230   build_kanji.lr(360,0)
231     (kanji.leftrad.water)
232     (kanji.grthree.thumbtack);
233   expand_pbox;
234 enddef;

```

U+6C5D  
tsuku.uni6C5D

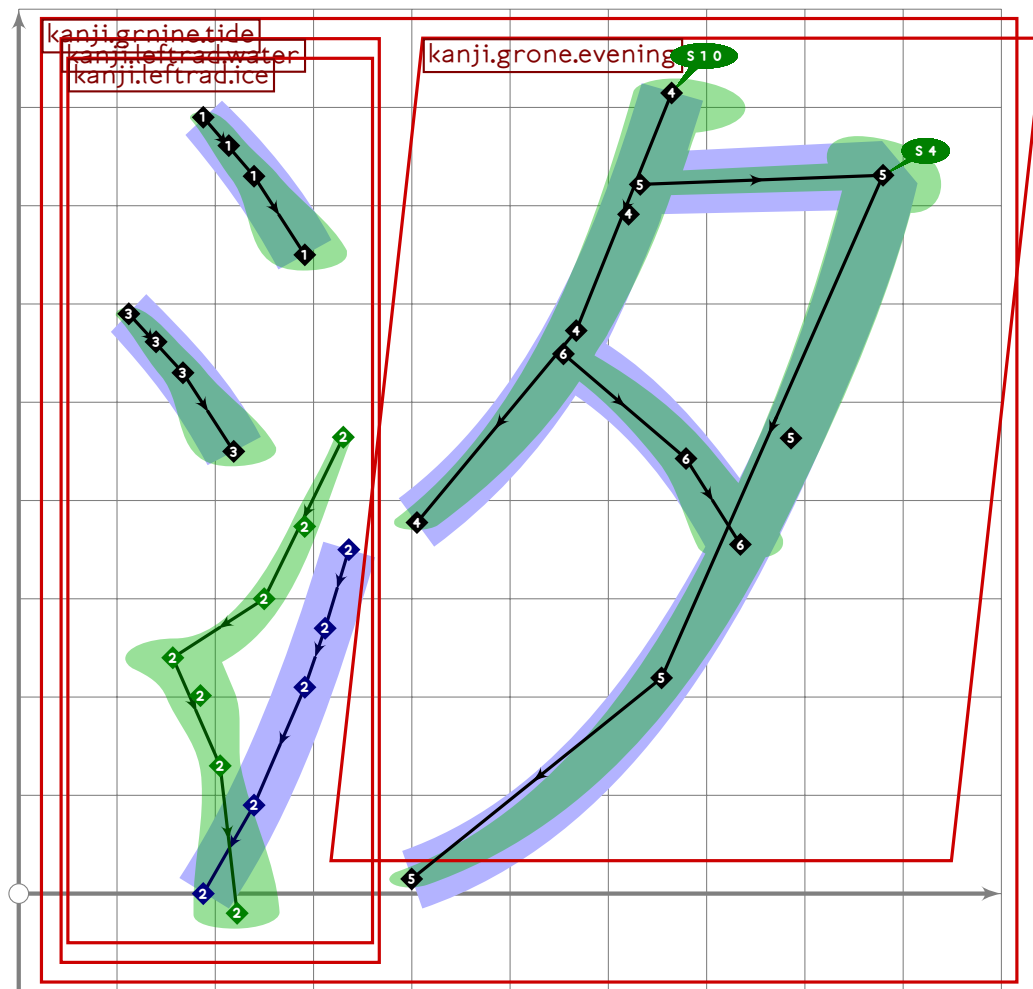


6C

```

235
236 vardef kanji.grnine.thou =
237   push_pbox_toexpand("kanji.grnine.thou");
238   build_kanji.lr(360,0)
239     (kanji.leftrad.water)
240     (kanji.grone.woman);
241   expand_pbox;
242 enddef;

```



```

243
244 vardef kanji.grnine.tide =
245   push_pbox_toexpand("kanji.grnine.tide");
246   build_kanji.lr(360,0)
247     (kanji.leftrad.water)
248     (tsu_xform(identity xyscaled (1.07,0.93) slanted 0.17 shifted (-60,80))
249       (kanji.grone.evening));
250   expand_pbox;
251 enddef;
252
253
254
255 % shi/uji "clan"
256 begintsuglyph("uni6C0F";15);
257   kanji.grfour.clan;
258   tsu_render;
259 endtsuglyph;
260
261 % tai/fumoto "name of an ancient tribe"
262 begintsuglyph("uni6C10";16);
263   kanji.rare.cruithne;

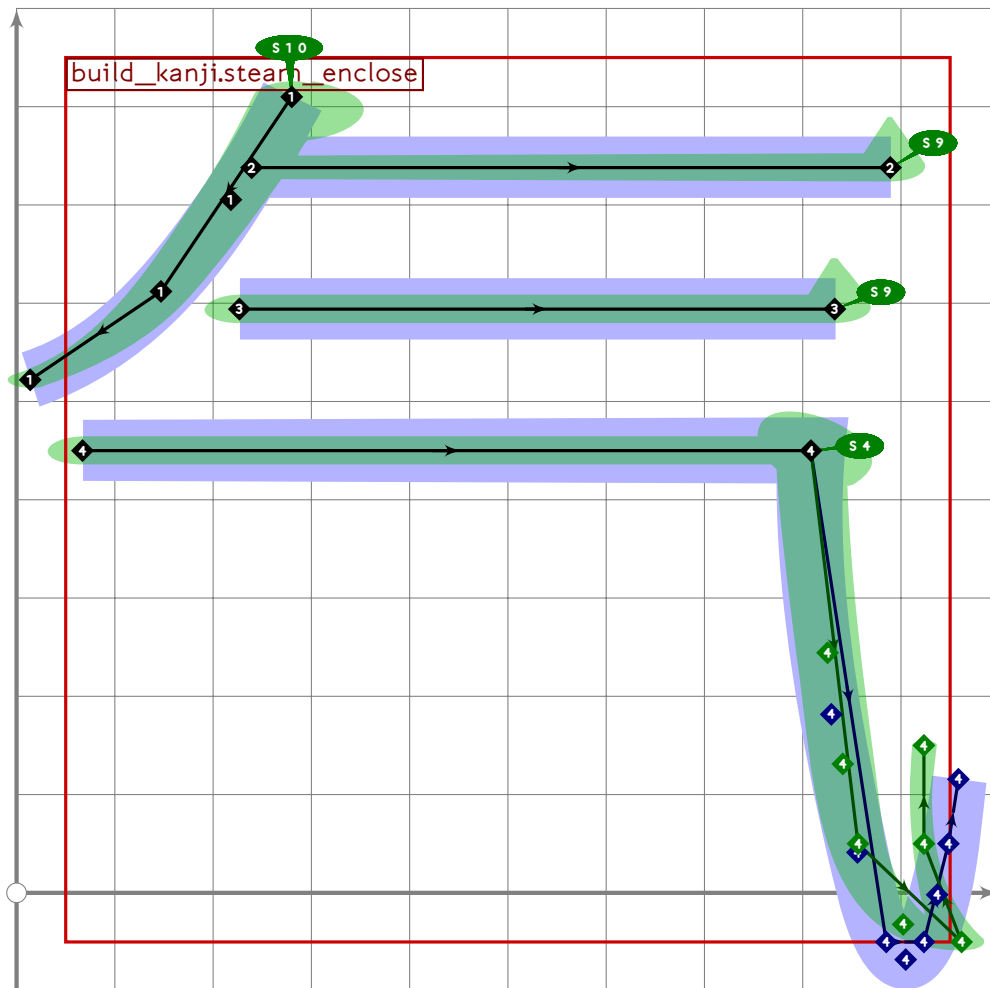
```

[see page 598]

[see page 766]

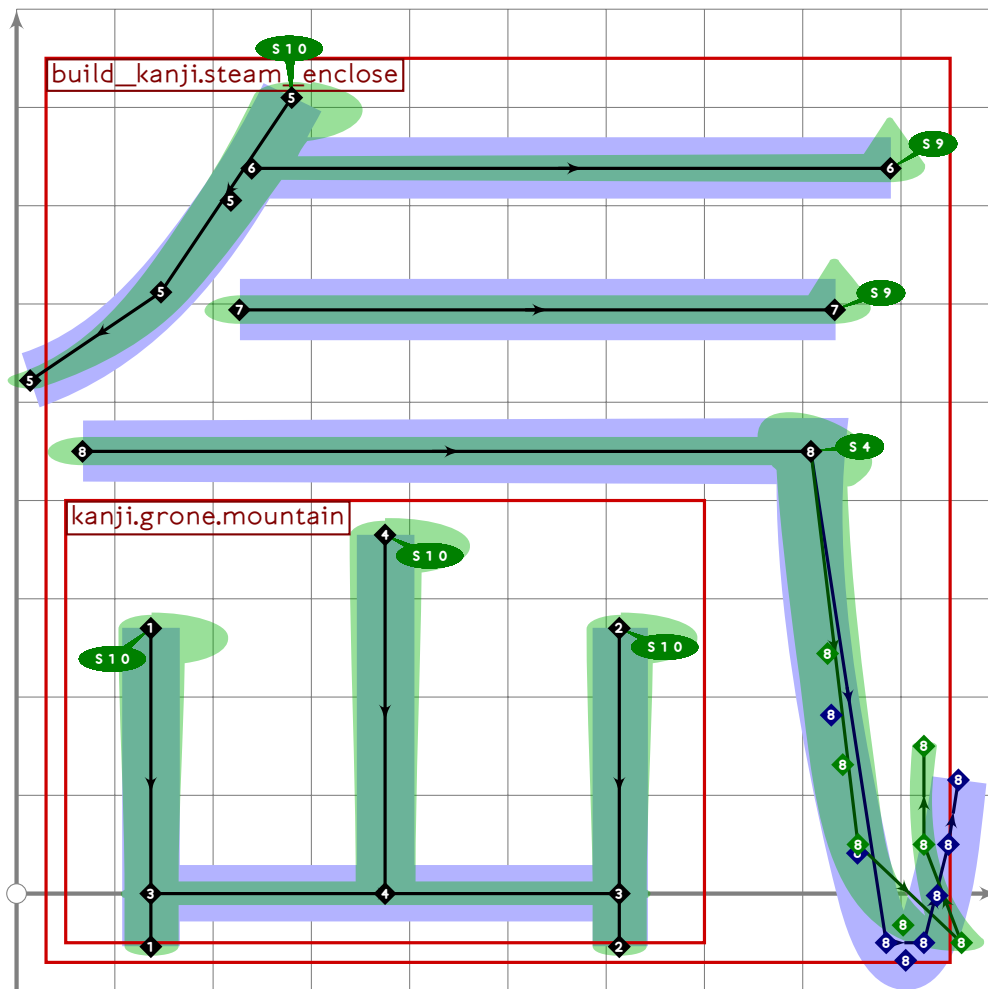
U+6C14  
tsuku.uni6C14

```
264 tsu_render;  
265 endtsuglyph;  
266
```



```
267 % sei/tada/machi "correct"  
268 begintsuglyph("uni6C14";20);  
269 build_kanji.steam_enclose((700,400))();  
270 tsu_render;  
271 endtsuglyph;  
272  
273 % ki/iki "spirit"  
274 begintsuglyph("uni6C17";23);  
275 kanji.grone.spirit;  
276 tsu_render;  
277 endtsuglyph;  
278
```

[see page 2226]

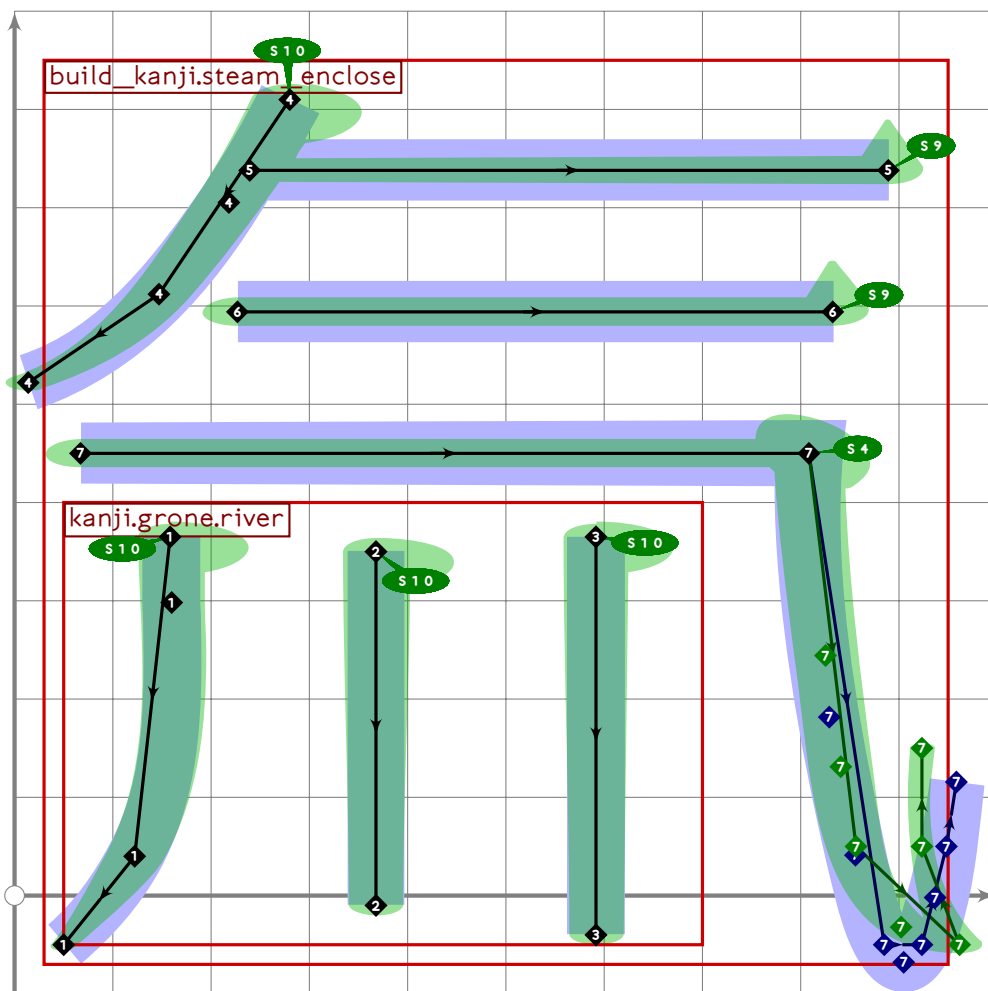


```

279 % extra
280 beginsuglyph("uni6C19";25);
281   build_kanji.steam_enclose((700,400))(kanji.grone.mountain);
282   tsu_render;
283 endsuglyph;
284

```

U+6C1A  
tsuku.uni6C1A

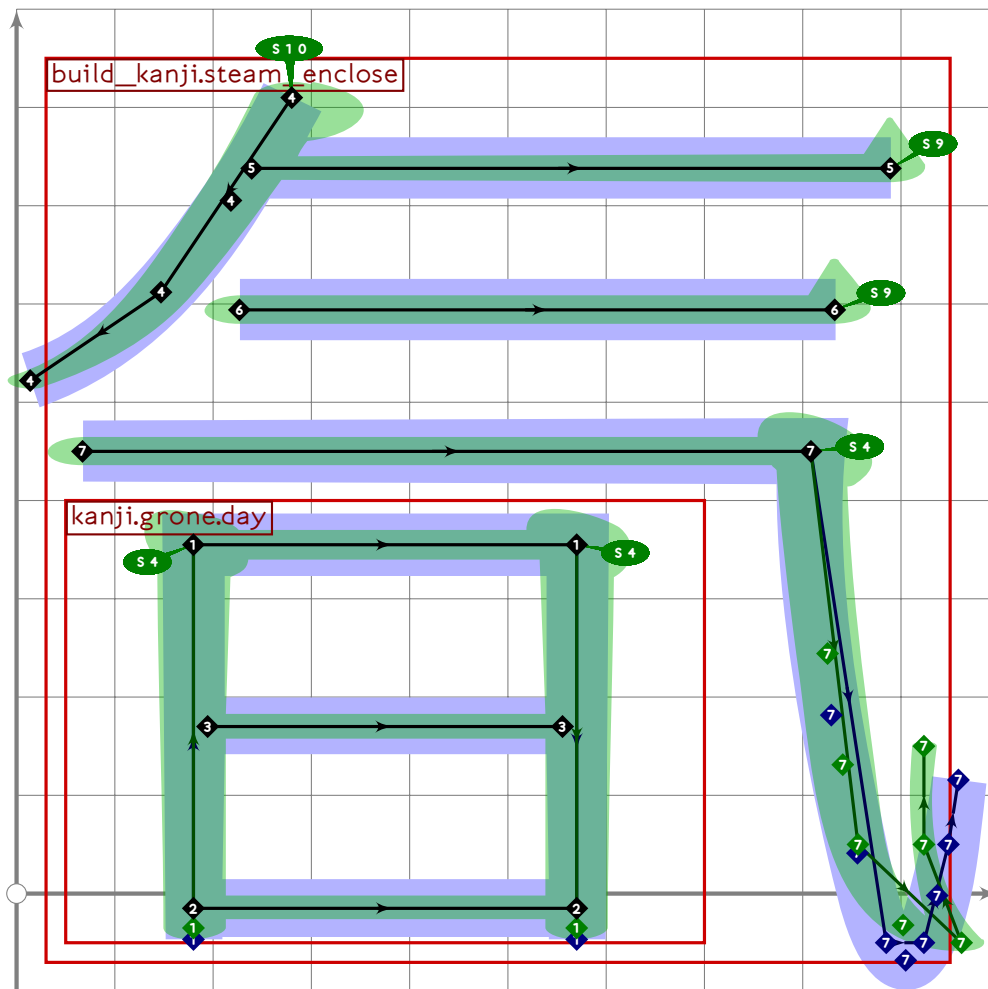


6C

```

285 % extra
286 begintsuglyph("uni6C1A";26);
287   build_kanji.steam_enclose((700,400))(kanji.grone.river);
288   tsu_render;
289 endtsuglyph;
290

```

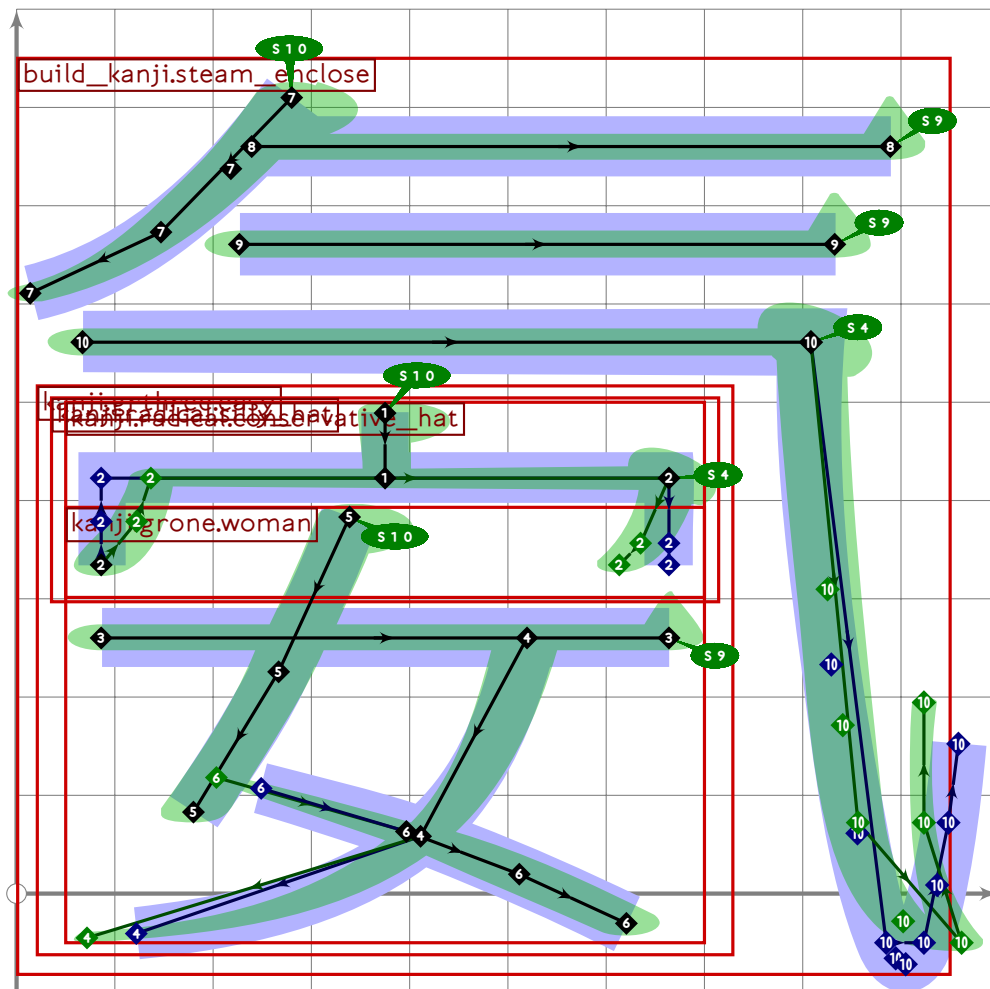


```

291 % extra
292 begintsuglyph("uni6C1C";28);
293   build_kanji.steam_enclose((700,400))(kanji.grone.day);
294   tsu_render;
295 endtsuglyph;
296

```

U+6C28  
tsuku.uni6C28

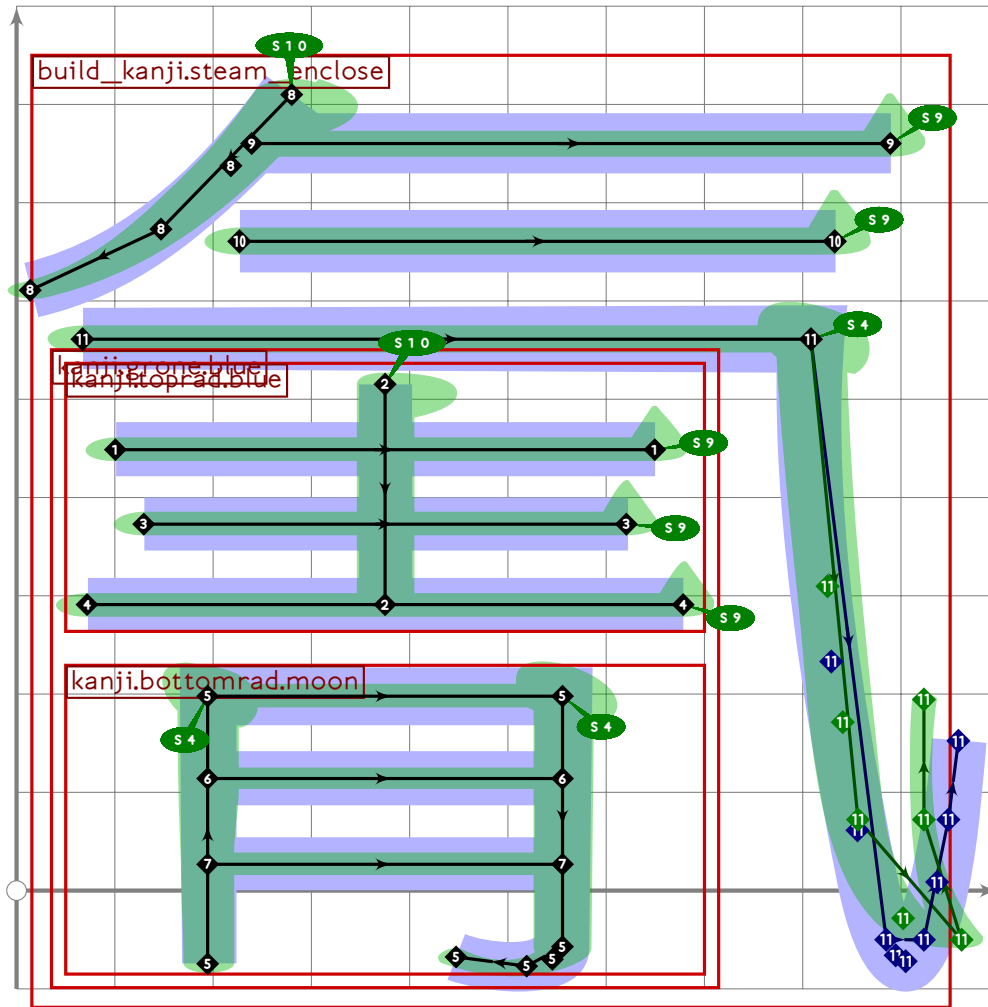


6C

```

297 % extra
298 begintsuglyph("uni6C28";40);
299   build_kanji.steam_enclose((700,500))(kanji.grthree.easy);
300   tsu_render;
301 endtsuglyph;
302

```



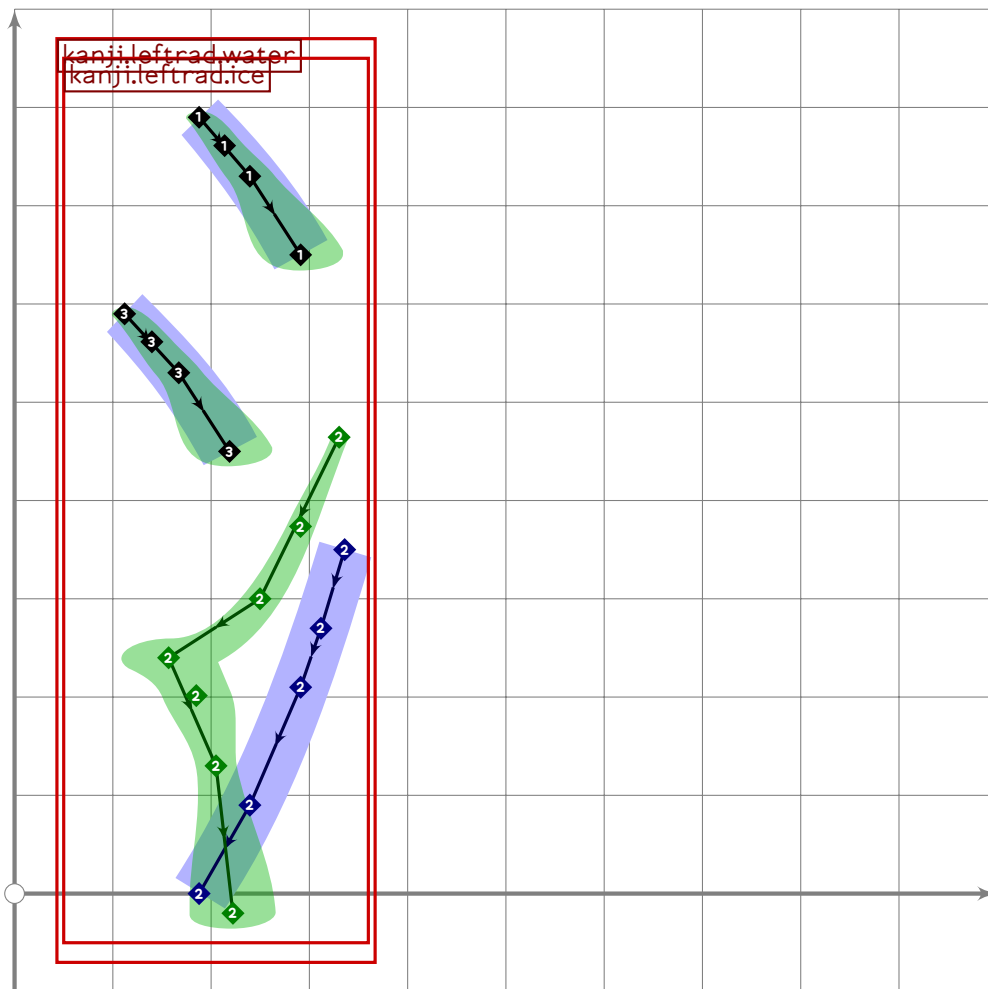
```

303 % extra
304 begintsuglyph("uni6C30";48);
305   build_kanji.steam_enclose((700,500))
306     (build_kanji.sscale(yscaled 1.13)(kanji.grone.blue));
307   tsu_render;
308 endtsuglyph;
309
310 % sui/mizu "water"
311 begintsuglyph("uni6C34";52);
312   kanji.grone.water;
313   tsu_render;
314 endtsuglyph;
315

```

[see page 473]

U+6C35  
tsuku.uni6C35



6C

```

316 % extra "water side radical"
317 begintsuglyph("uni6C35";53);
318   build_kanji.lr(360,0)
319     (kanji.leftrad.water)
320   ();
321   tsu_render;
322 endtsuglyph;
323
324 % hyou/koori "ice"
325 begintsuglyph("uni6C37";55);
326   kanji.grthree.ice;
327   tsu_render;
328 endtsuglyph;
329
330 % ei/naga "long"
331 begintsuglyph("uni6C38";56);
332   kanji.grfive.long;
333   tsu_render;
334 endtsuglyph;
335
336 % water radical variant

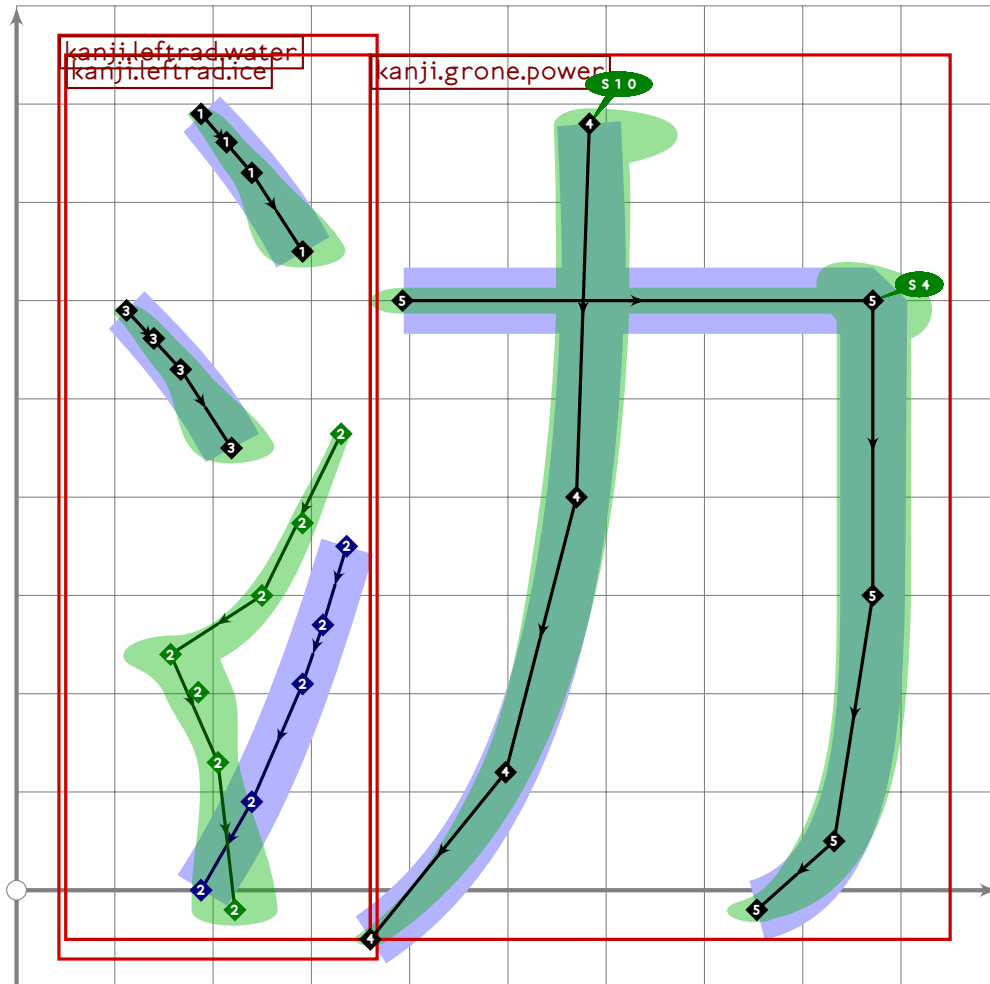
```

[see page 2230]

[see page 2239]

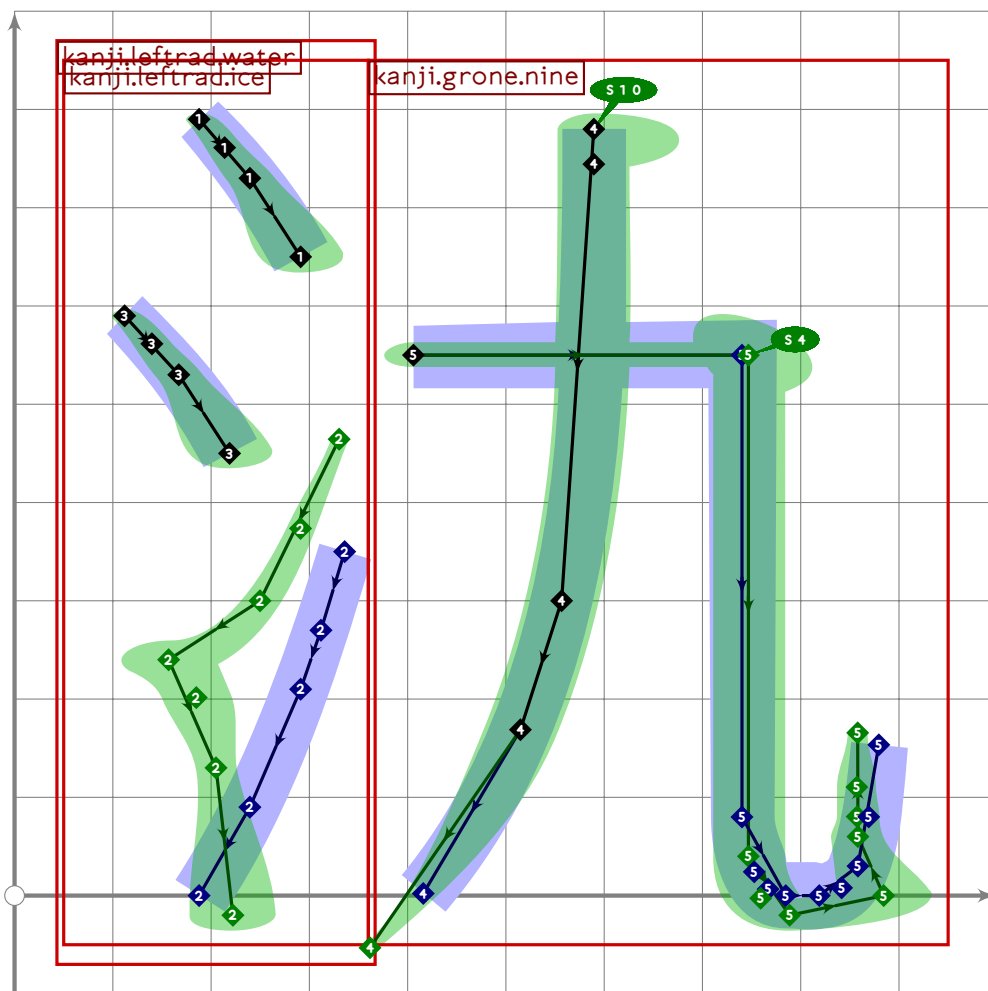
[see page 655]

```
337 begint Suglyph("uni6C3A";58);
338   kanji.radical.alt_water;
339   tsu_render;
340 endtsuglyph;
341
```



```
342 % extra
343 begint Suglyph("uni6C3B";59);
344   build_kanji.lr(360,0)
345     (kanji.leftrad.water)
346     (kanji.grone.power);
347   tsu_render;
348 endtsuglyph;
349
```

U+6C3F  
tsuku.uni6C3F



6C

```

350 % extra
351 begintsuglyph("uni6C3F",63);
352   build_kanji.lr(360,0)
353     (kanji.leftrad.water)
354     (kanji.grone.nine);
355   tsu_render;
356 endtsuglyph;
357
358 % tei/migiwa "shore"
359 begintsuglyph("uni6C40",64);
360   kanji.grnine.shore;
361   tsu_render;
362 endtsuglyph;
363
364 % juu/shiru "juice" or "soup"
365 begintsuglyph("uni6C41",65);
366   kanji.greight.juice;
367   tsu_render;
368 endtsuglyph;
369
370 % gyuu/moto "request"

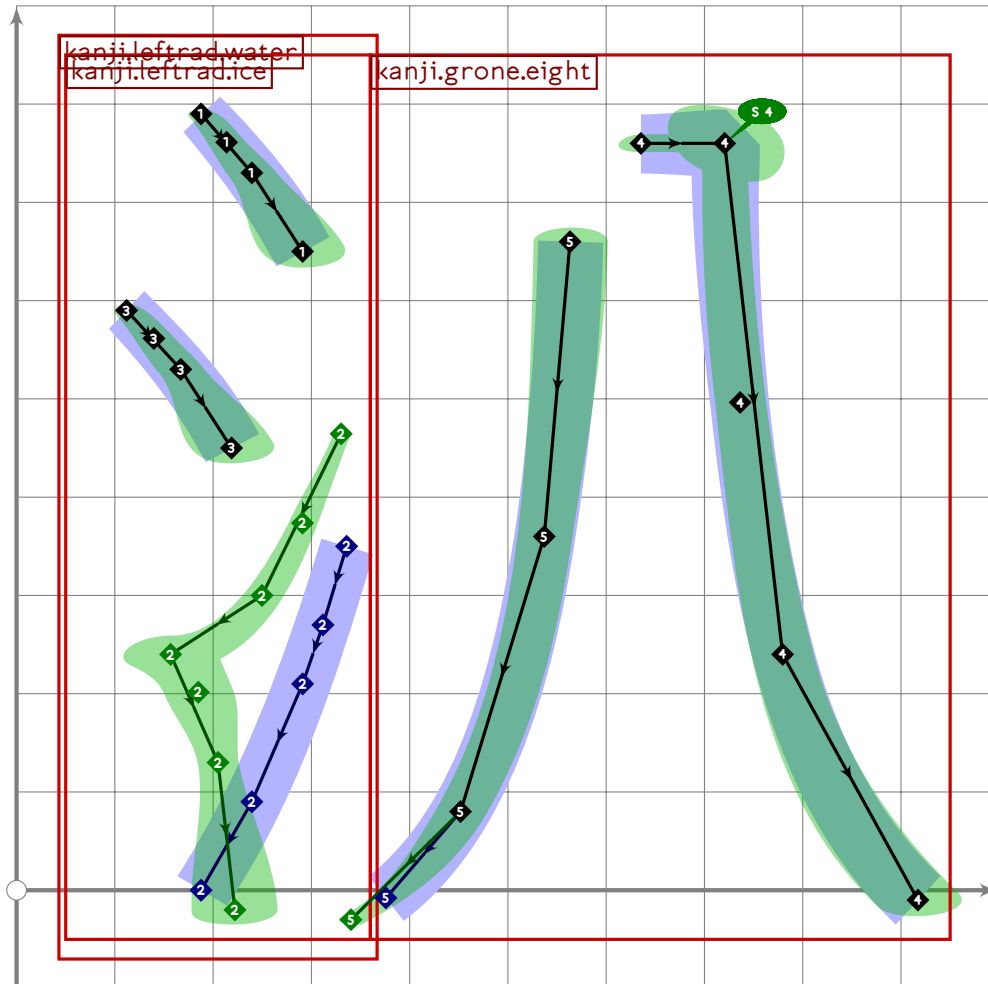
```

[see page 2245]

[see page 2243]

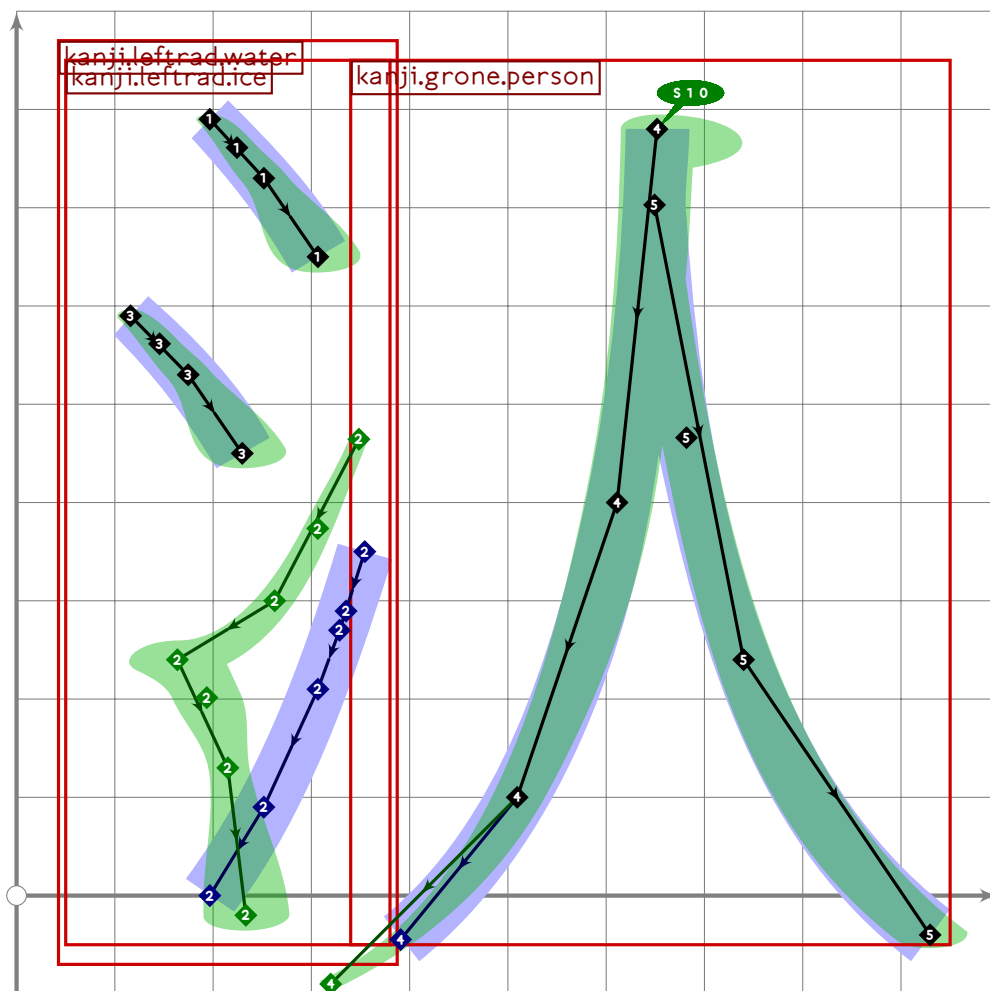
[see page 616]

```
371 begintsuglyph("uni6C42";66);
372   kanji.grfour.request;
373   tsu_render;
374 endtsuglyph;
375
```



```
376 % extra
377 begintsuglyph("uni6C43";67);
378   build_kanji.lr(360,0)
379     (kanji.leftrad.water)
380     (kanji.grone.eight);
381   tsu_render;
382 endtsuglyph;
383
```

U+6C44  
tsuku.uni6C44

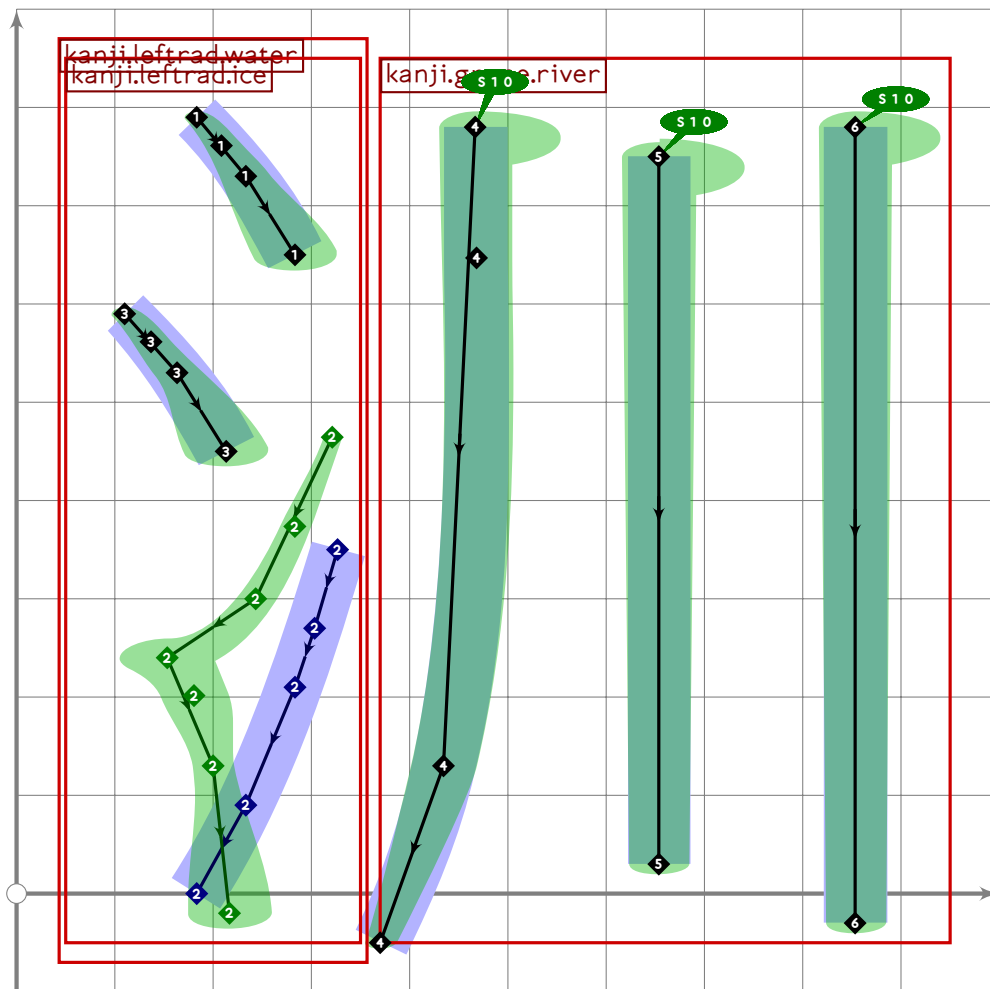


6C

```

384 % extra
385 begintsuglyph("uni6C44";68);
386   build_kanji.lr(360,40)
387     (kanji.leftrad.water)
388     (kanji.grone.person);
389   tsu_render;
390 endtsuglyph;
391

```

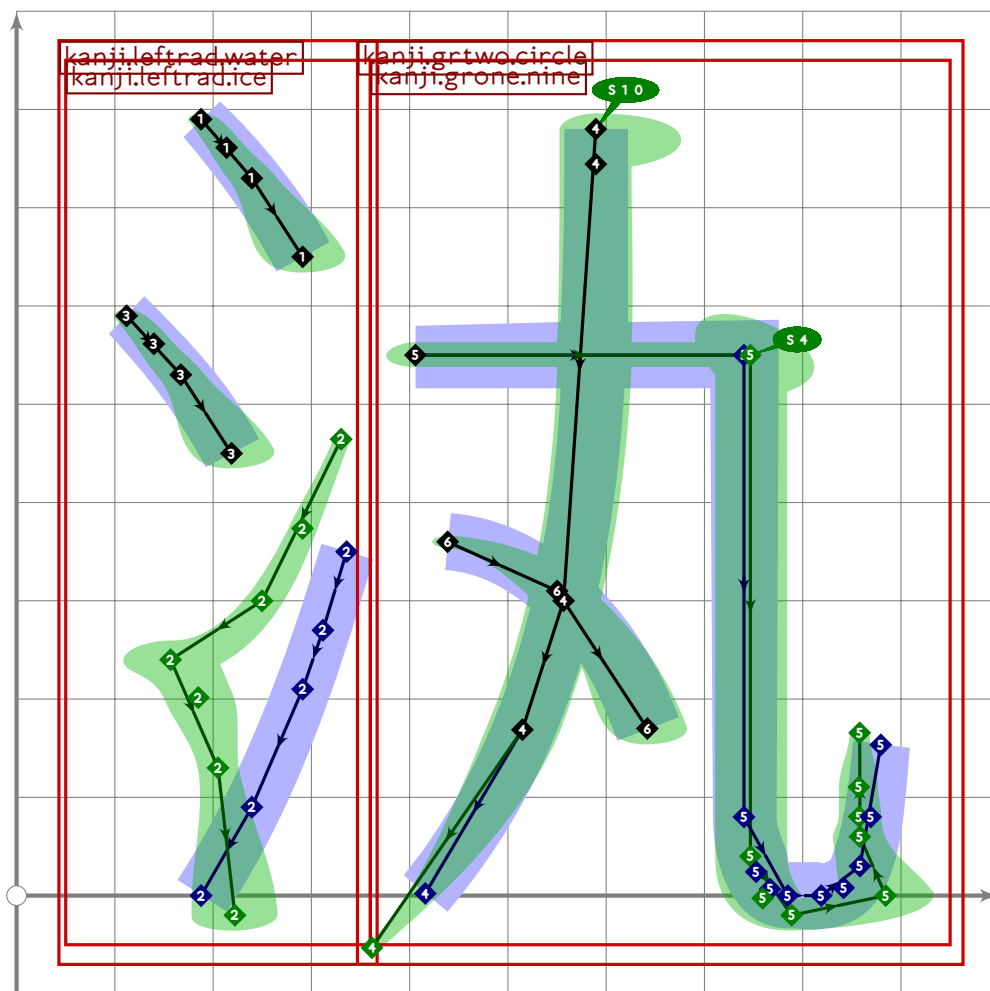


```

392 % extra
393 begintsuglyph("uni6C4C";76);
394   build_kanji.lr(360;-20)
395     (kanji.leftrad.water)
396     (kanji.grone.river);
397   tsu_render;
398 endtsuglyph;
399

```

U+6C4D  
tsuku.uni6C4D

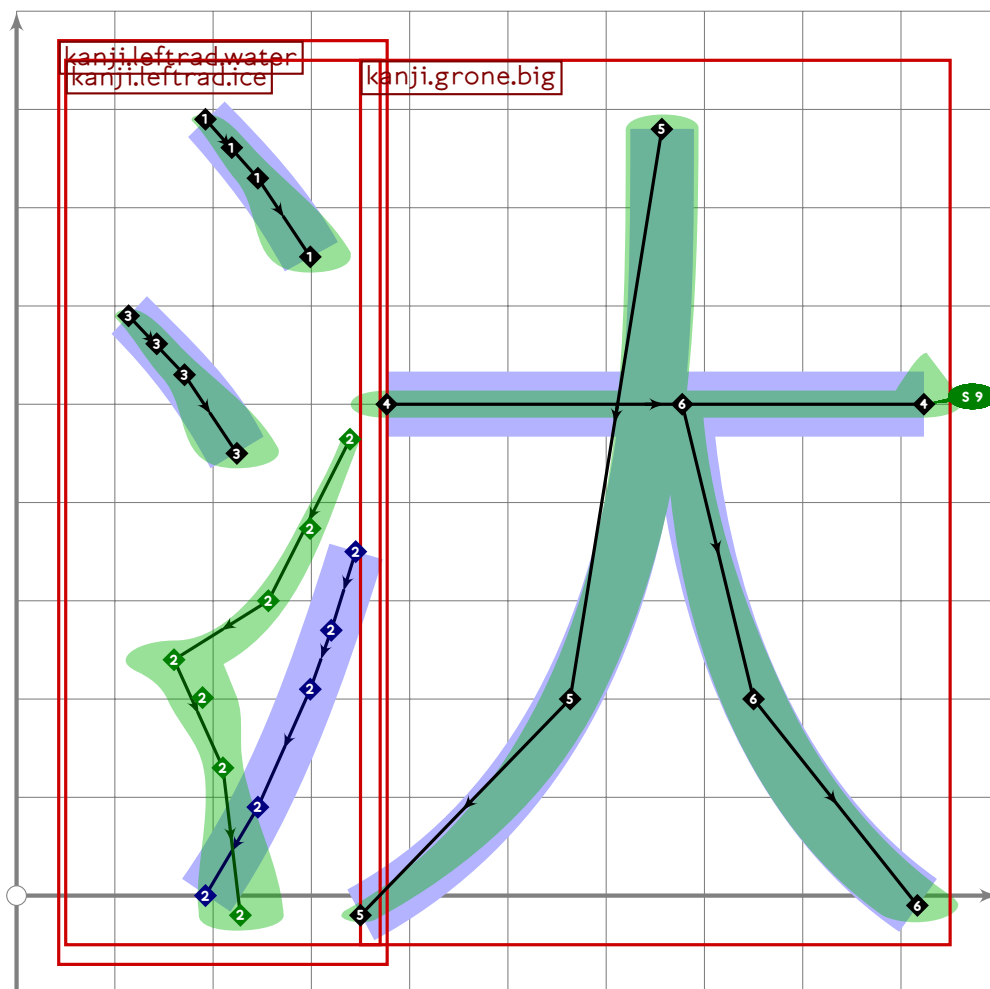


6C

```

400 % extra
401 begintsuglyph("uni6C4D";77);
402   build_kanji.lr(360,0)
403     (kanji.leftrad.water)
404     (kanji.grtwo.circle);
405   tsu_render;
406 endtsuglyph;
407

```



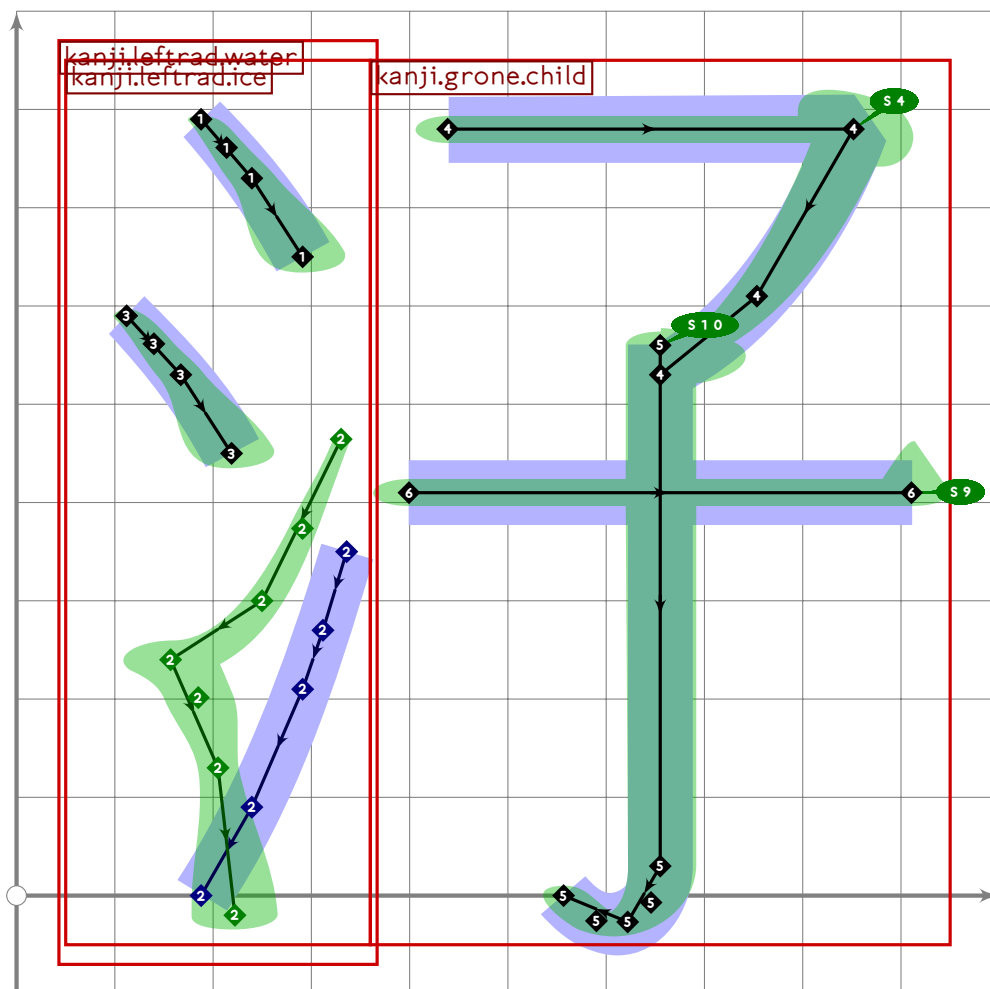
```

408 % extra
409 begintsuglyph("uni6C4F";79);
410   build_kanji.lr(360,20)
411     (kanji.leftrad.water)
412     (kanji.grone.big);
413   tsu_render;
414 endtsuglyph;
415
416 % seki/shio "tide"
417 begintsuglyph("uni6C50";80);
418   kanji.grnine.tide;
419   tsu_render;
420 endtsuglyph;
421

```

[see page 2247]

U+6C53  
tsuku.uni6C53

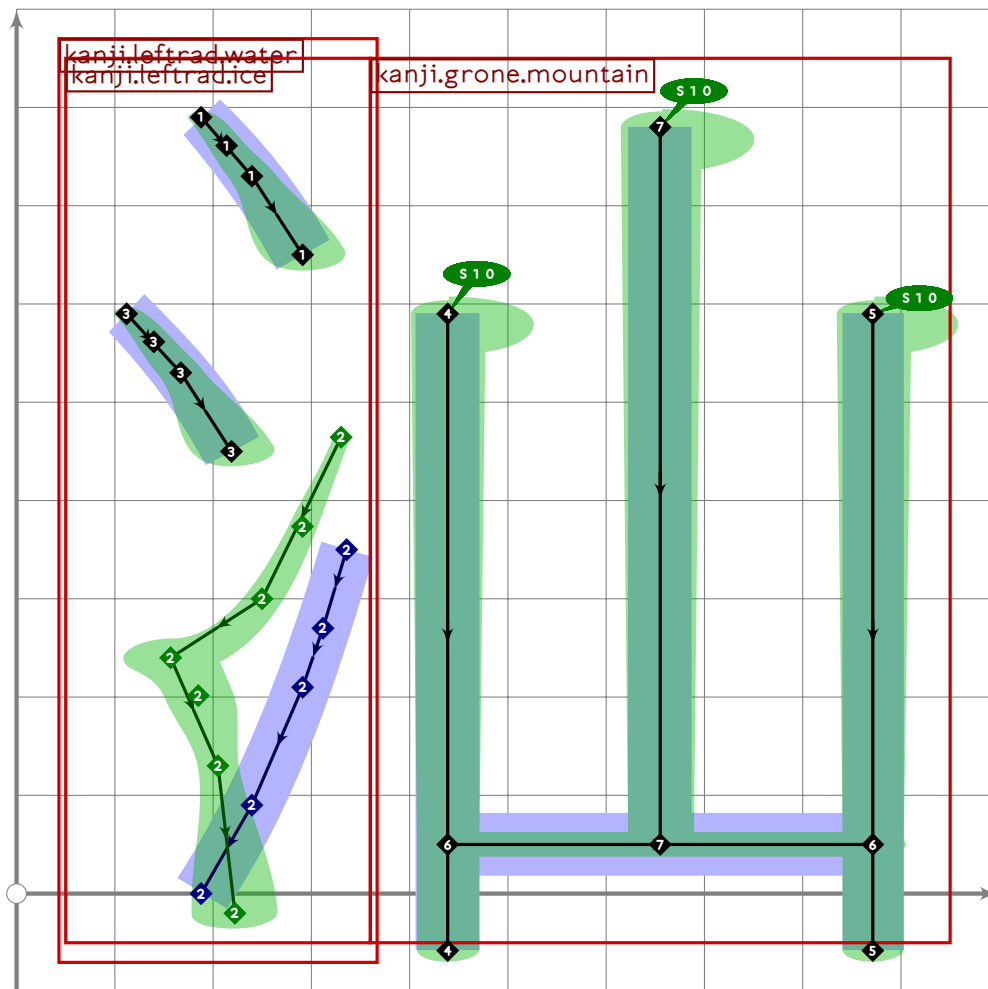


6C

```

422 % extra
423 begintsuglyph("uni6C53";83);
424   build_kanji.lr(360,0)
425     (kanji.leftrad.water)
426     (kanji.grone.child);
427   tsu_render;
428 endtsuglyph;
429

```

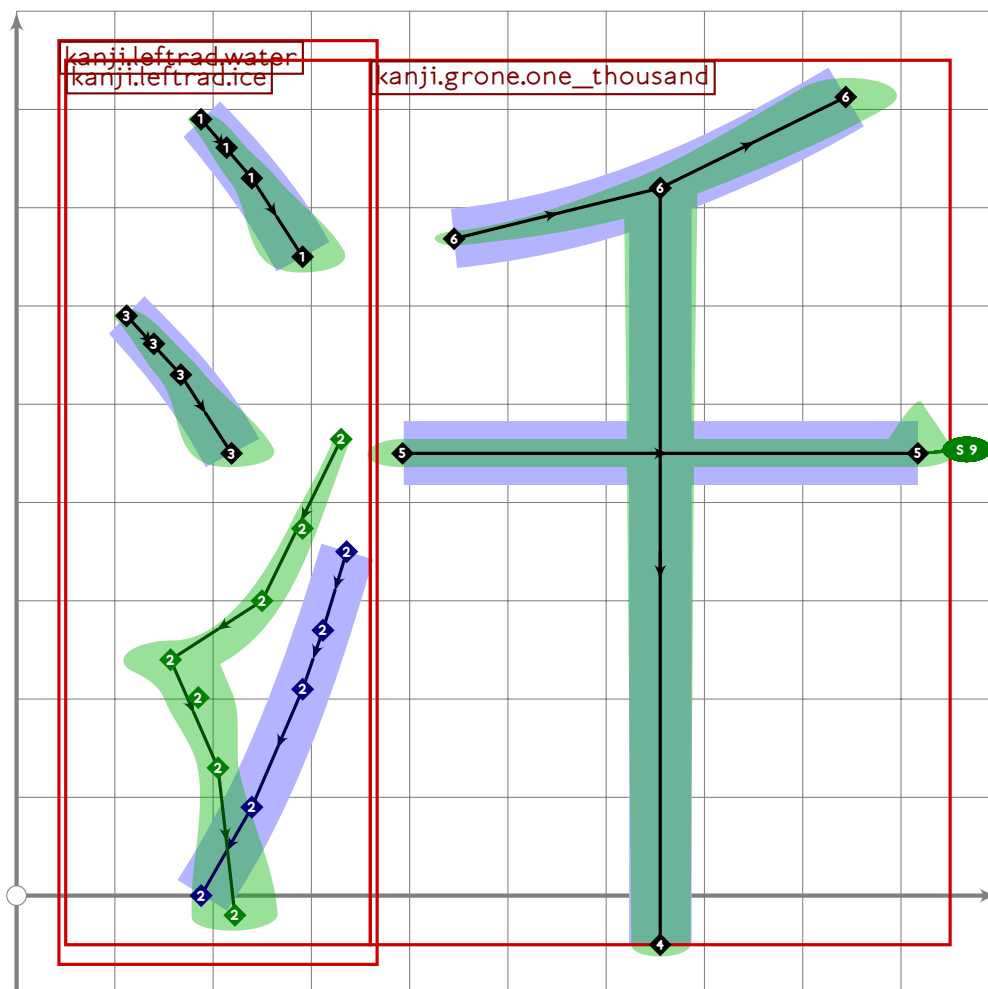


```

430 % extra "fish swimming"
431 begintsuglyph("uni6C55";85);
432   build_kanji.lr(360,0)
433     (kanji.leftrad.water)
434     (kanji.grone.mountain);
435   tsu_render;
436 endtsuglyph;
437

```

U+6C58  
tsuku.uni6C58



6C

```

438 % extra
439 begintsuglyph("uni6C58";88);
440   build_kanji.lr(360,0)
441     (kanji.leftrad.water)
442     (kanji.grone.one_thousand);
443   tsu_render;
444 endtsuglyph;
445
446 % jo/nanji "thou"
447 begintsuglyph("uni6C5D";93);
448   kanji.grnine.thou;
449   tsu_render;
450 endtsuglyph;
451
452 % kou/e "bay" ("ë" in "Edo")
453 begintsuglyph("uni6C5F";95);
454   kanji.greight.bay;
455   tsu_render;
456 endtsuglyph;
457
458 % chi/ike "pond"

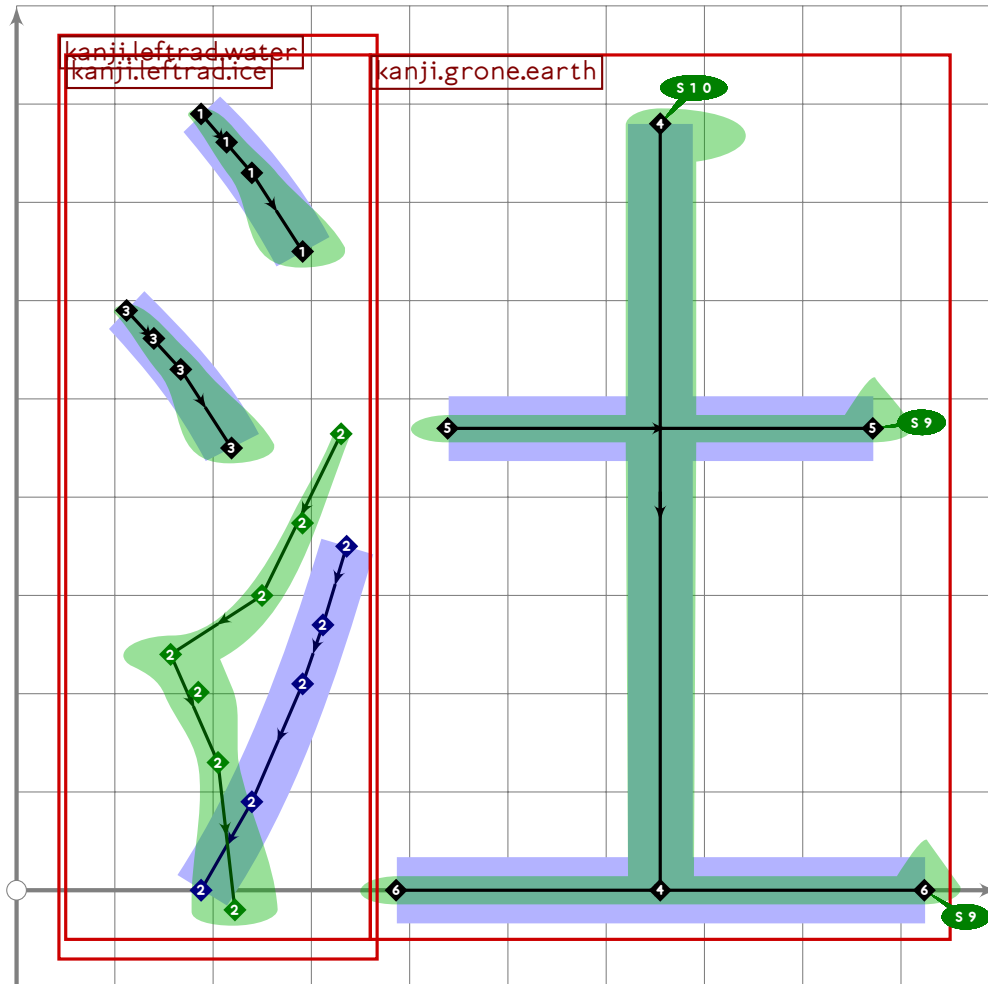
```

[see page 2246]

[see page 2241]

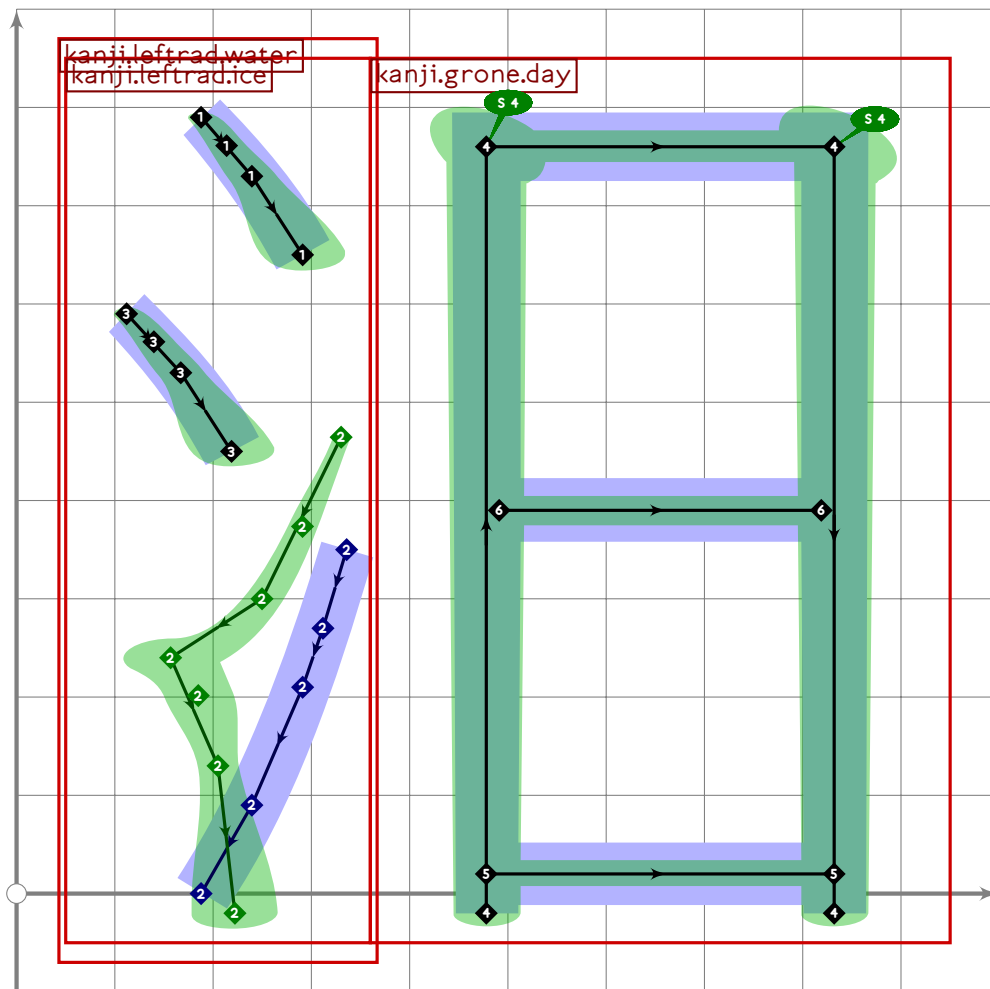
[see page 2227]

```
459 begintsuglyph("uni6C60";96);
460   kanji.grtwo.pond;
461   tsu_render;
462 endtsuglyph;
463
```



```
464 % extra
465 begintsuglyph("uni6C62";98);
466   build_kanji.lr(360,0)
467     (kanji.leftrad.water)
468     (kanji.grone.earth);
469   tsu_render;
470 endtsuglyph;
471
```

U+6C68  
tsuku.uni6C68

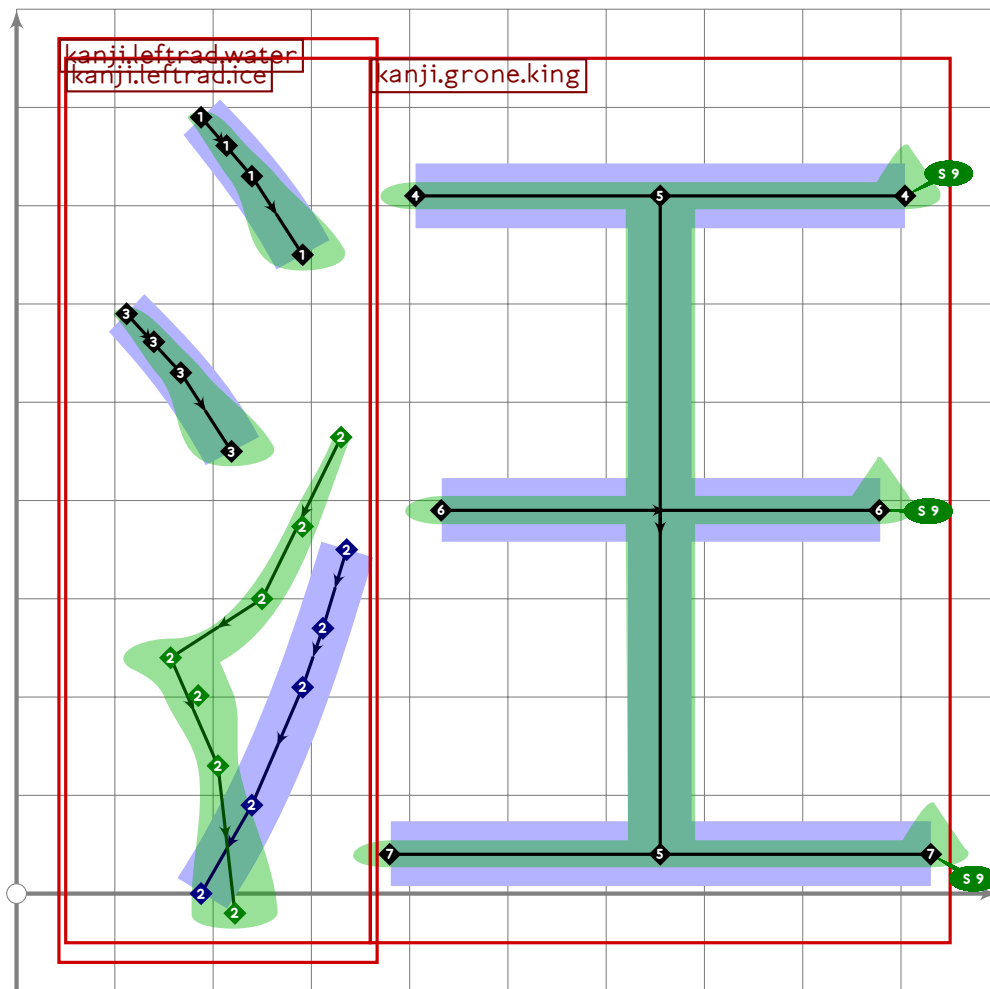


6C

```

472 % extra
473 begintsuglyph("uni6C68";104);
474   build_kanji.lr(360,0)
475     (kanji.leftrad.water)
476     (kanji.grone.day);
477   tsu_render;
478 endtsuglyph;
479

```

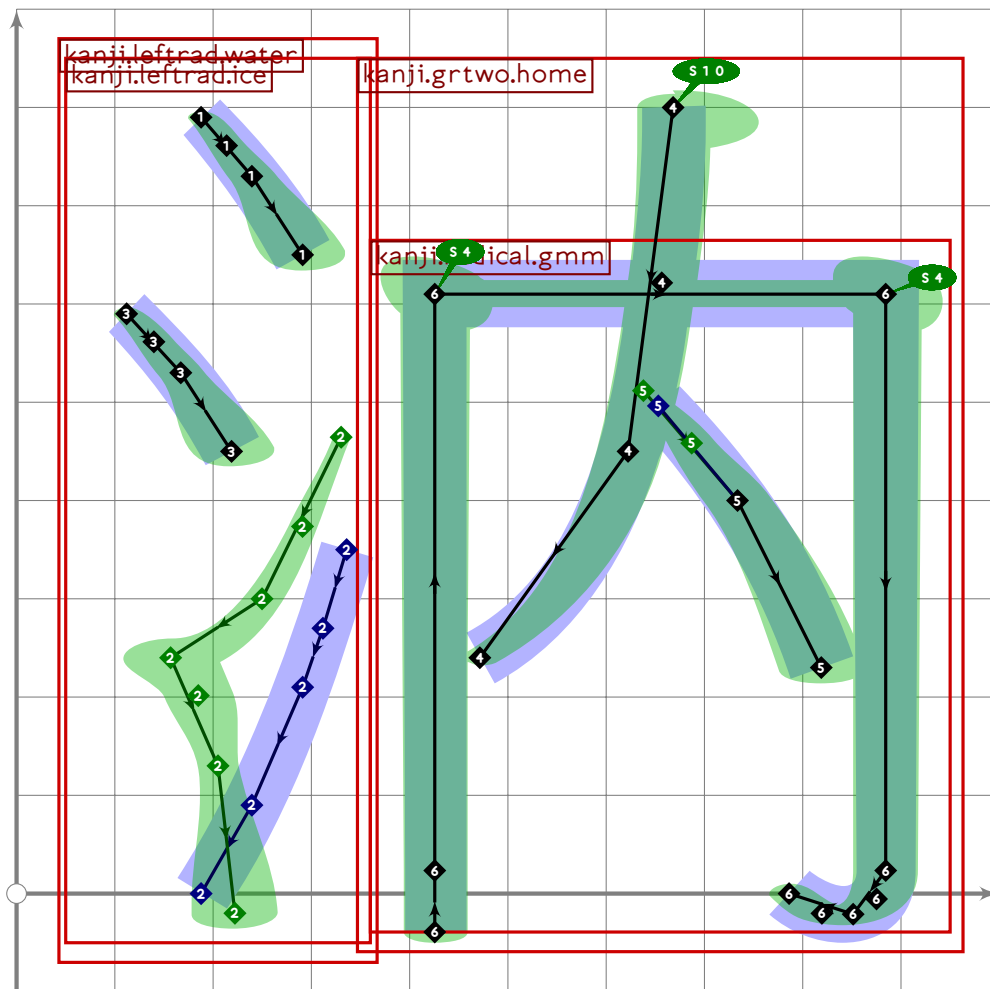


```

480 % extra
481 begintsuglyph("uni6C6A";106);
482   build_kanji.lr(360,0)
483     (kanji.leftrad.water)
484     (kanji.grone.king);
485   tsu_render;
486 endtsuglyph;
487

```

U+6C6D  
tsuku.uni6C6D



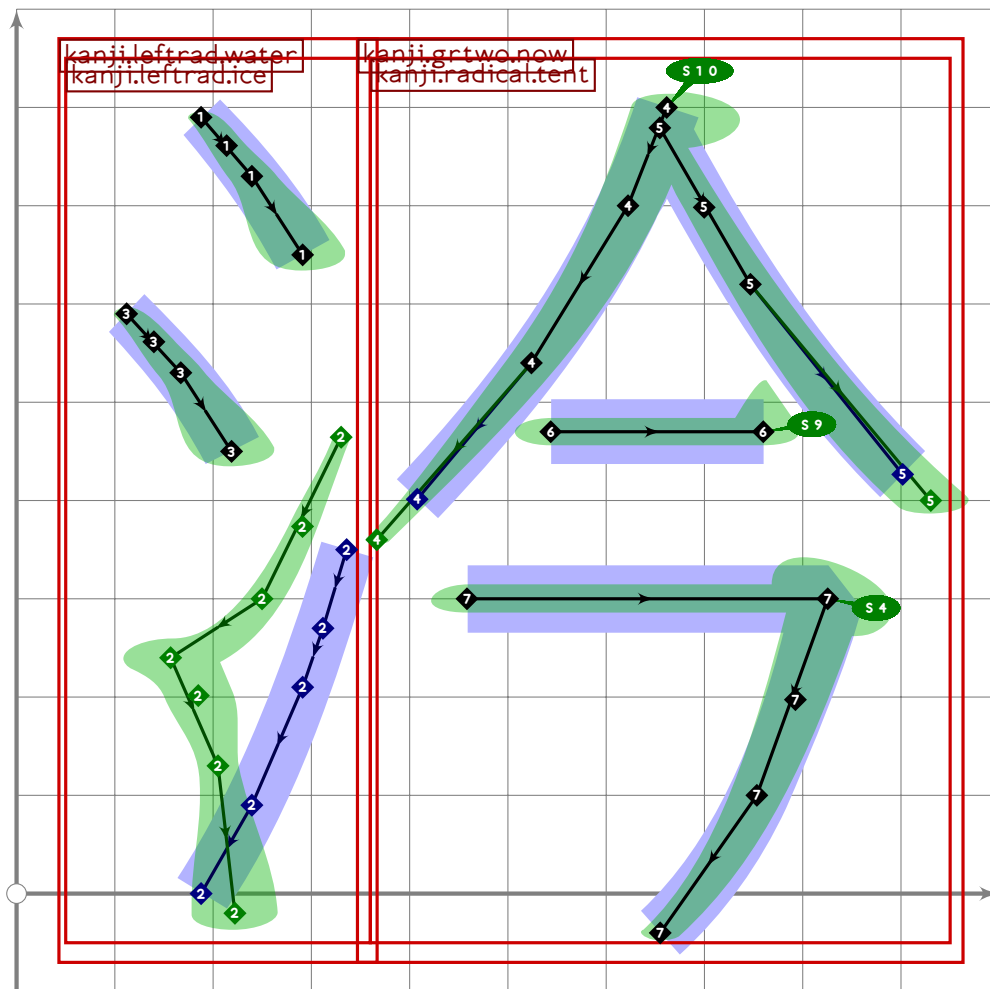
6C

```

488 % extra
489 begintsuglyph("uni6C6D",109);
490   build_kanji.lr(360,0)
491     (kanji.leftrad.water)
492     (kanji.grtwo.home);
493   tsu_render;
494 endtsuglyph;
495
496 % ta/ogo "luxury"
497 begintsuglyph("uni6C70",112);
498   kanji.grnine.luxury;
499   tsu_render;
500 endtsuglyph;
501

```

[see page 2244]

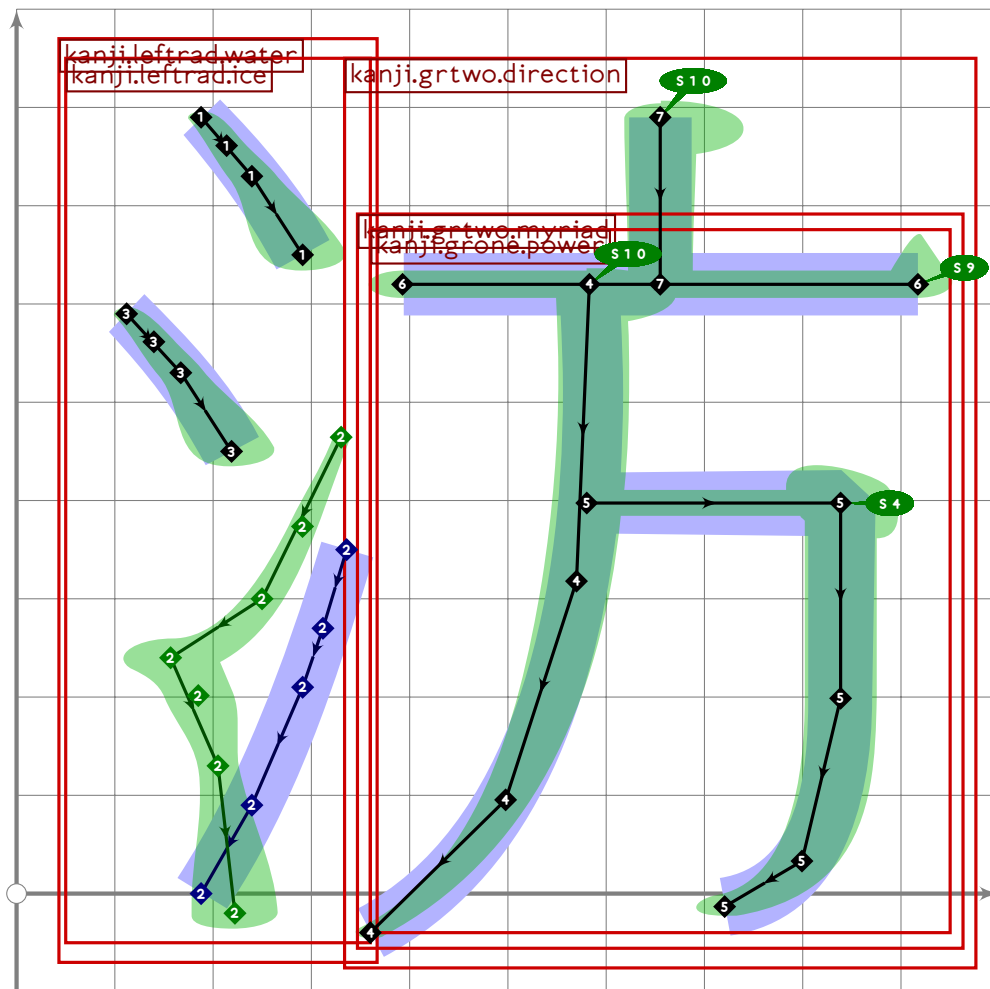


```

502 % extra
503 begintsuglyph("uni6C75";117);
504   build_kanji.lr(360,0)
505     (kanji.leftrad.water)
506     (kanji.grtwo.now);
507   tsu_render;
508 endtsuglyph;
509

```

U+6C78  
tsuku.uni6C78



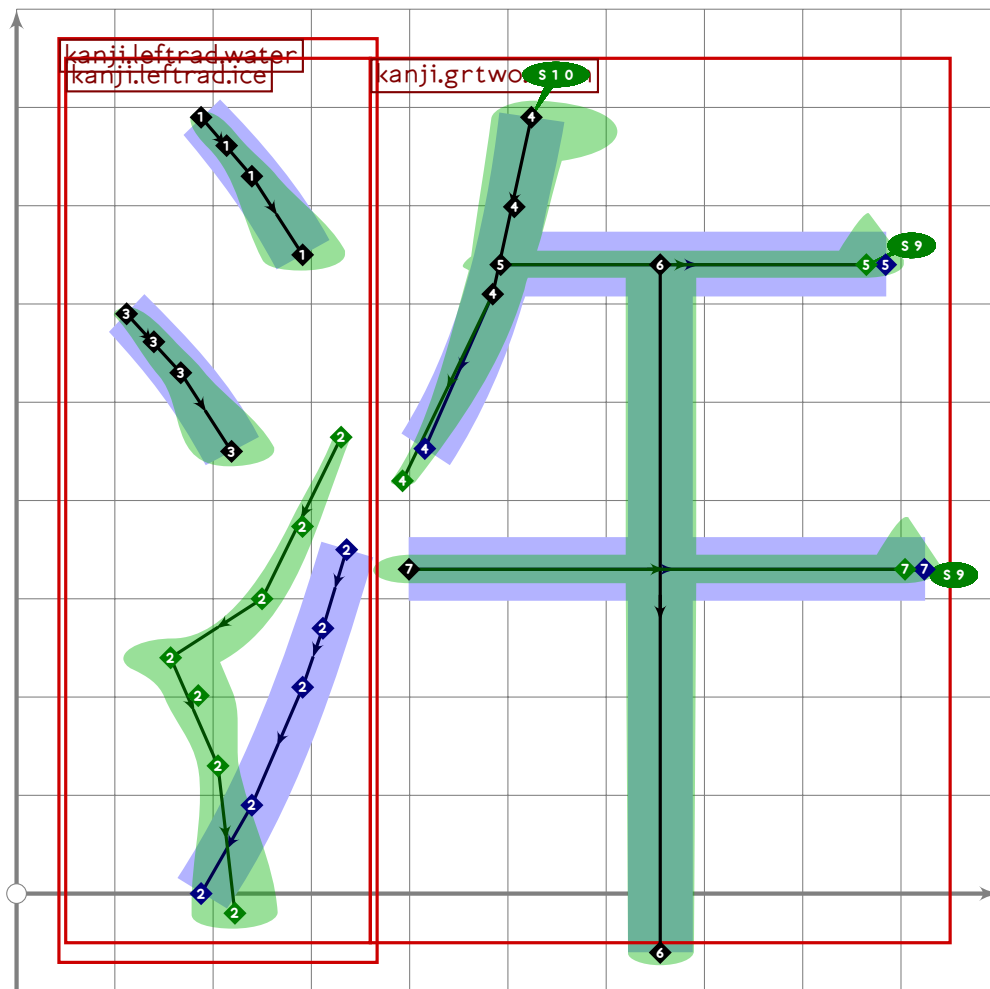
6C

```

510 % extra
511 begintsuglyph("uni6C78";120);
512   build_kanji.lr(360,0)
513     (kanji.leftrad.water)
514     (kanji.grtwo.direction);
515   tsu_render;
516 endtsuglyph;
517
518 % ketsu/ki "decide"
519 begintsuglyph("uni6C7A";122);
520   kanji.grthree.decide;
521   tsu_render;
522 endtsuglyph;
523

```

[see page 2229]



6C

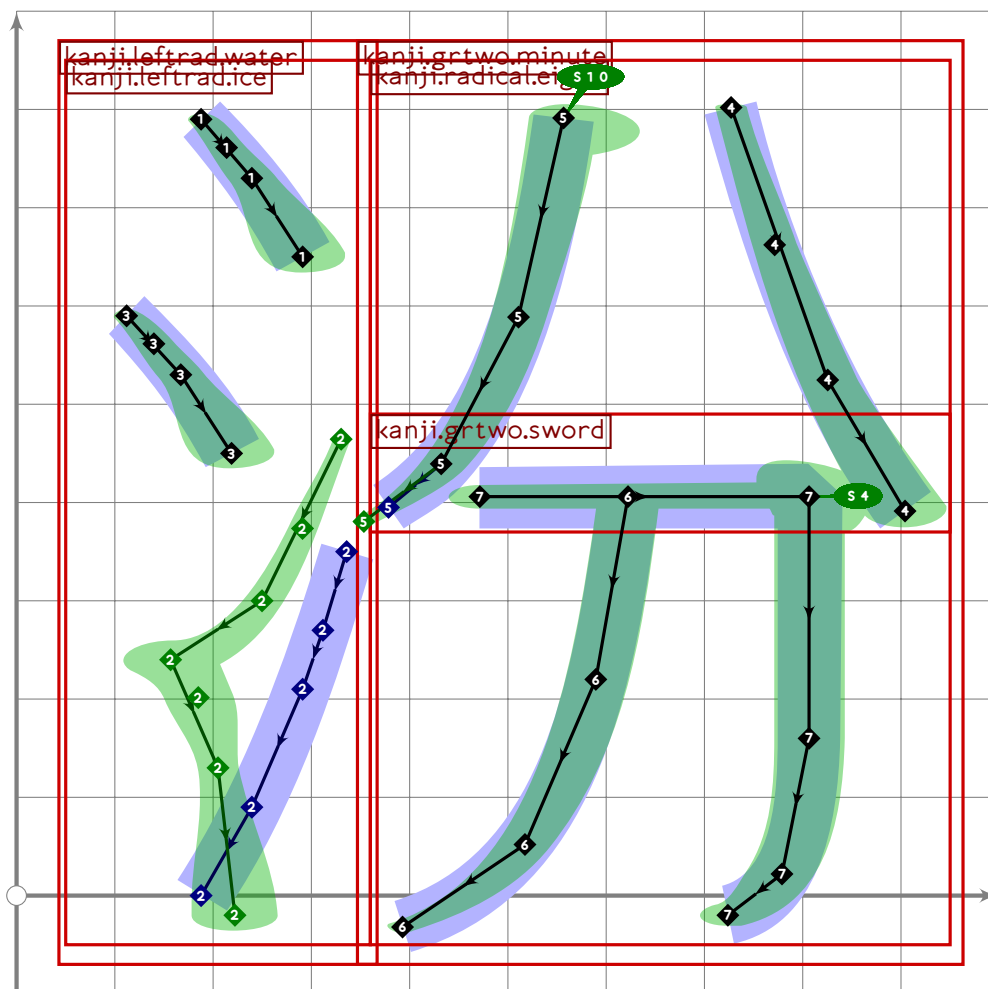
```

524 % extra
525 begintsuglyph("uni6C7B";123);
526   build_kanji.lr(360,0)
527     (kanji.leftrad.water)
528     (kanji.grtwo.noon);
529   tsu_render;
530 endtsuglyph;
531
532 % ki "steam"
533 begintsuglyph("uni6C7D";125);
534   kanji.grtwo.steam;
535   tsu_render;
536 endtsuglyph;
537

```

[see page 2228]

U+6C7E  
tsuku.uni6C7E



6C

```

538 % extra "name of a Chinese river"
539 begintsuglyph("uni6C7E";126);
540   build_kanji.lr(360,0)
541     (kanji.leftrad.water)
542     (kanji.grtwo.minute);
543   tsu_render;
544 endtsuglyph;
545
546 % you/soso "fertility"
547 begintsuglyph("uni6C83";131);
548   kanji.greight.fertility;
549   tsu_render;
550 endtsuglyph;
551
552 % ka/kawa "river"
553 begintsuglyph("uni6CB3";179);
554   kanji.grfive.river;
555   tsu_render;
556 endtsuglyph;
557
558 % yu/abura "oil"

```

[see page 2242]

[see page 2238]

559	begintsuglyph("uni6CB9";185);	[see page 2231]
560	kanji.grthree.oil;	
561	tsu_render;	
562	endtsuglyph;	
563		
564	% ji/osa "cure"	
565	begintsuglyph("uni6CBB";187);	[see page 2235]
566	kanji.grfour.cure;	
567	tsu_render;	
568	endtsuglyph;	
569		
570	% en/so "along"	
571	begintsuglyph("uni6CBF";191);	[see page 2240]
572	kanji.grsix.along;	
573	tsu_render;	
574	endtsuglyph;	
575		
576	% sen/izumi "spring" or "fountain" (not the season)	
577	begintsuglyph("uni6CC9";201);	[see page 635]
578	kanji.grsix.fountain;	
579	tsu_render;	
580	endtsuglyph;	
581		
582	% hou/nori "law"	
583	begintsuglyph("uni6CD5";213);	[see page 2236]
584	kanji.grfour.law;	
585	tsu_render;	
586	endtsuglyph;	
587		
588	% ha/nami "wave" (or Poland)	
589	begintsuglyph("uni6CE2";226);	[see page 2234]
590	kanji.grthree.wave;	
591	tsu_render;	
592	endtsuglyph;	
593		
594	% kyuuna "weep"	
595	begintsuglyph("uni6CE3";227);	[see page 2237]
596	kanji.grfour.weep;	
597	tsu_render;	
598	endtsuglyph;	
599		
600	% chuu/soso "pour"	
601	begintsuglyph("uni6CE8";232);	[see page 2232]
602	kanji.grthree.pour;	
603	tsu_render;	
604	endtsuglyph;	
605		
606	% ei/oyo "swim"	

607 `begintsuglyph("uni6CF3";243);`

[see page 2233]

608 `kanji.grthree.swim;`

609 `tsu_render;`

610 `endtsuglyph;`

611

612

---

613

614 `endfont;`

615

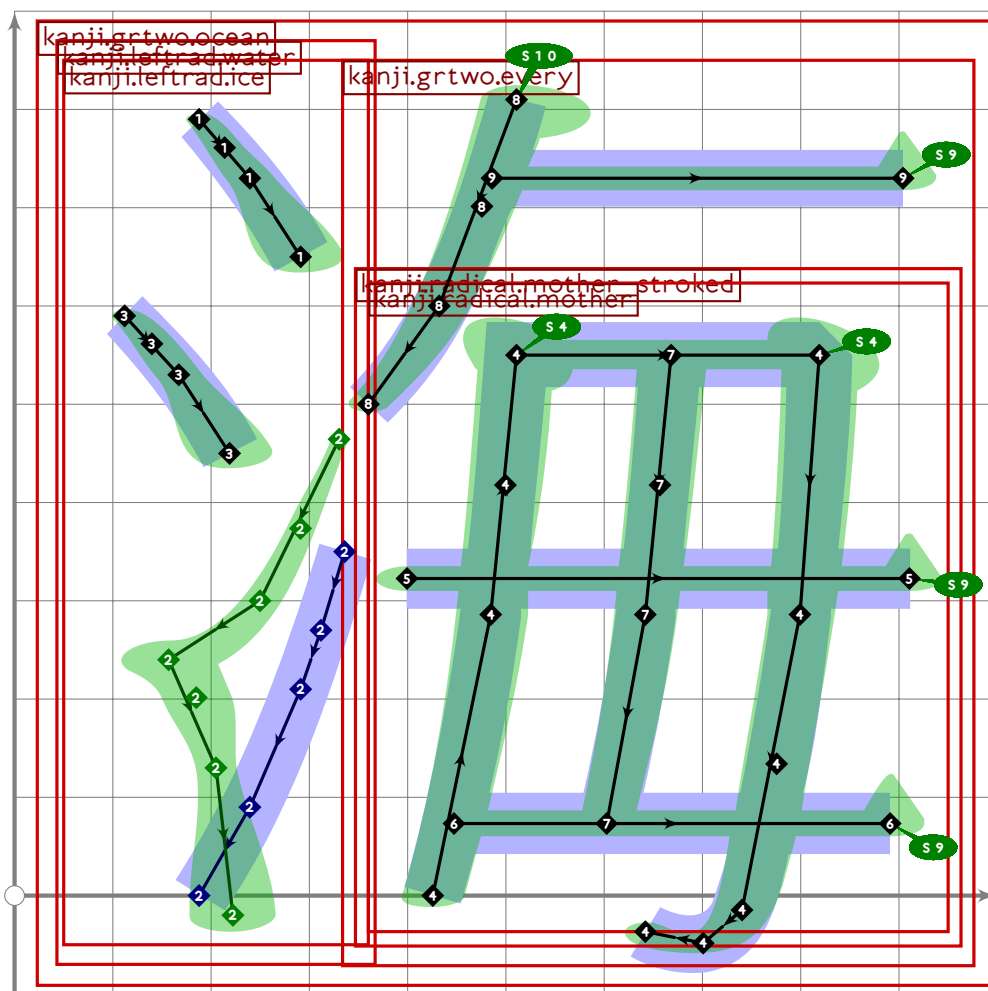
616

---

# tsuku-6d.mp

```
1 %
2 % Unicode page 6D (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012, 2013 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradefive.mp;
40 input gradefour.mp;
41 input gradenine.mp;
42 input gradeone.mp;
43 input gradethree.mp;
44 input gradetwo.mp;
45 input leftrad.mp;
46 input radical.mp;
47 input rare.mp;
48 input toprad.mp;
49
50 do_late_includes;
51
52
```

U+6D77  
tsuku.uni6D77

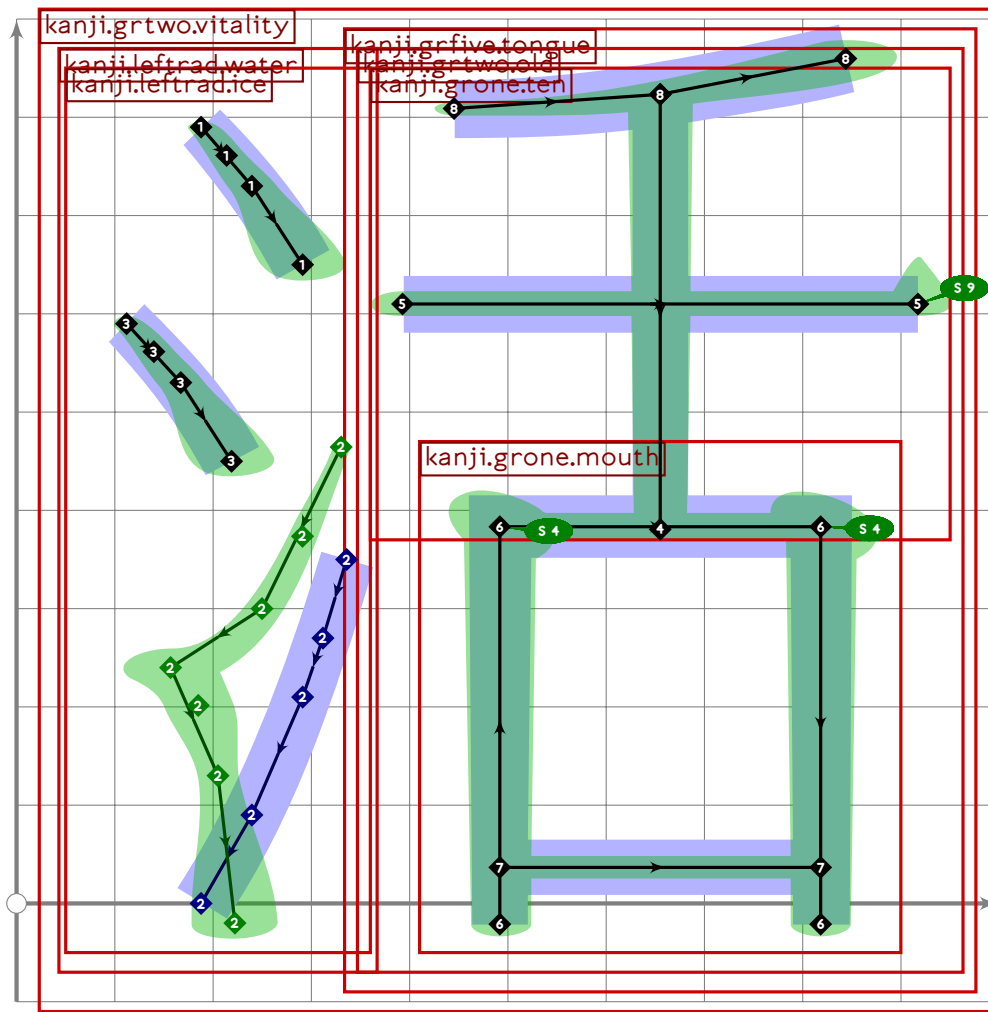


6D

```

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

```

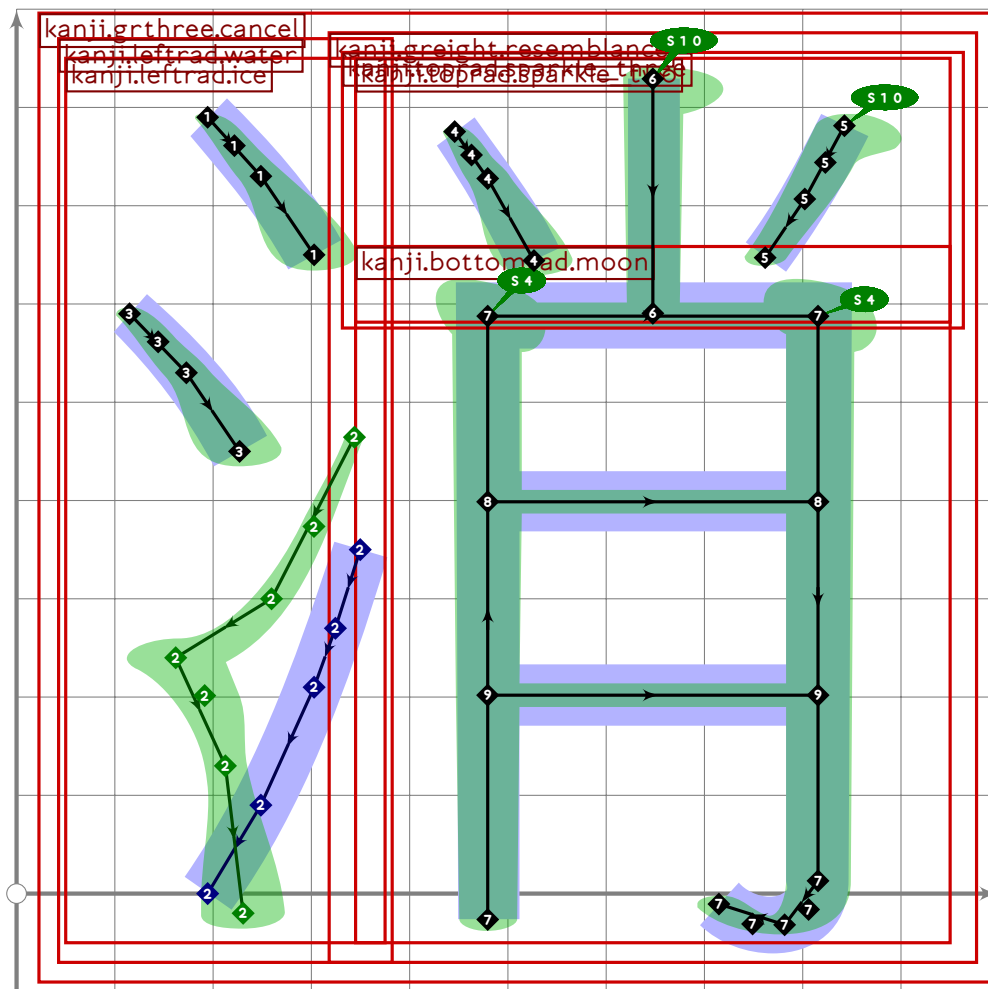


6D

```

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

U+6D88  
tsuku.uni6D88

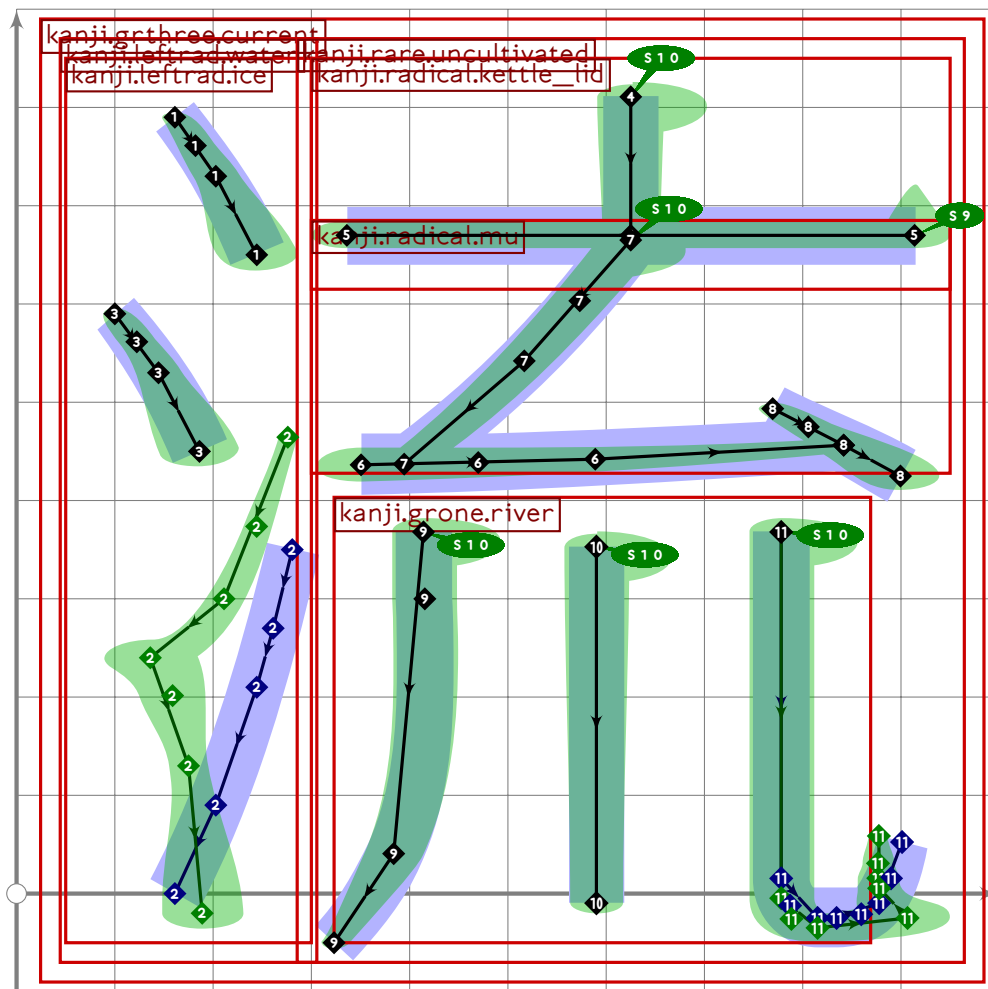


6D

```

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

```

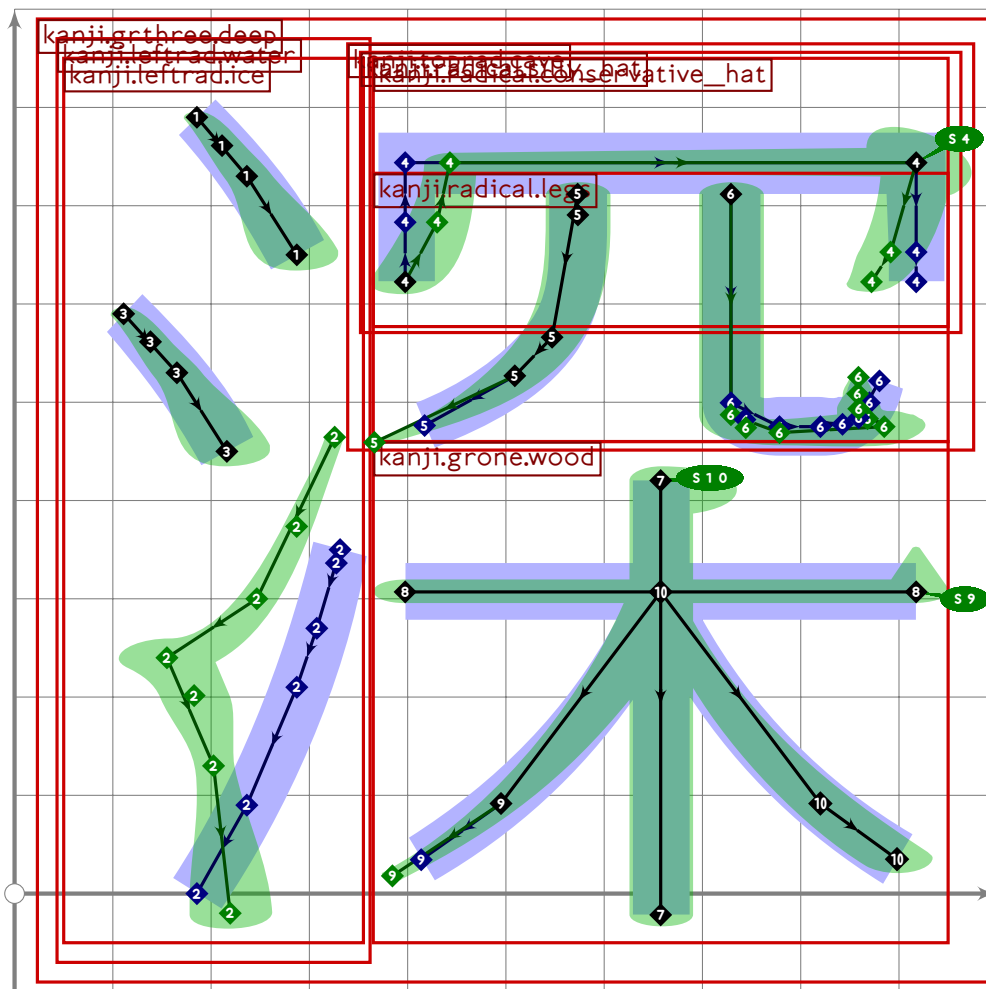


```

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

```

U+6DF1  
tsuku.uni6DF1

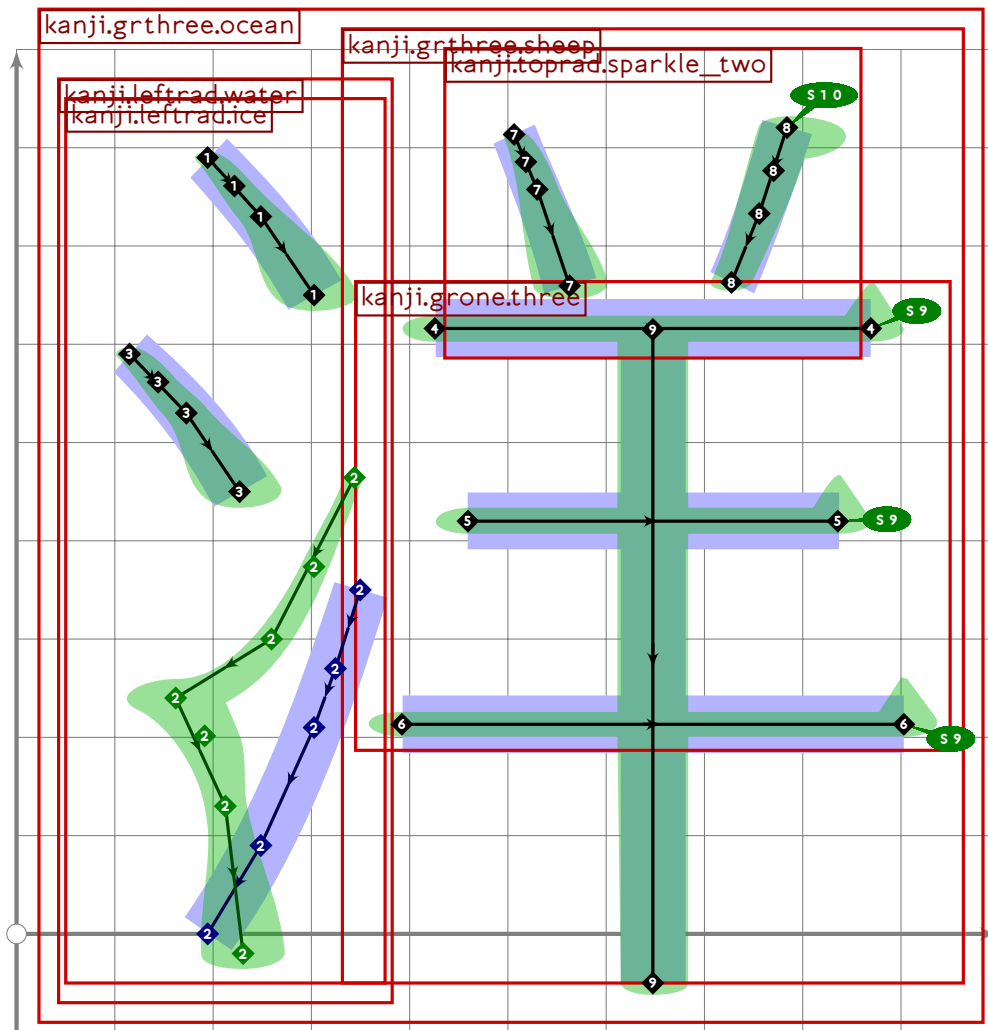


6D

```

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

```

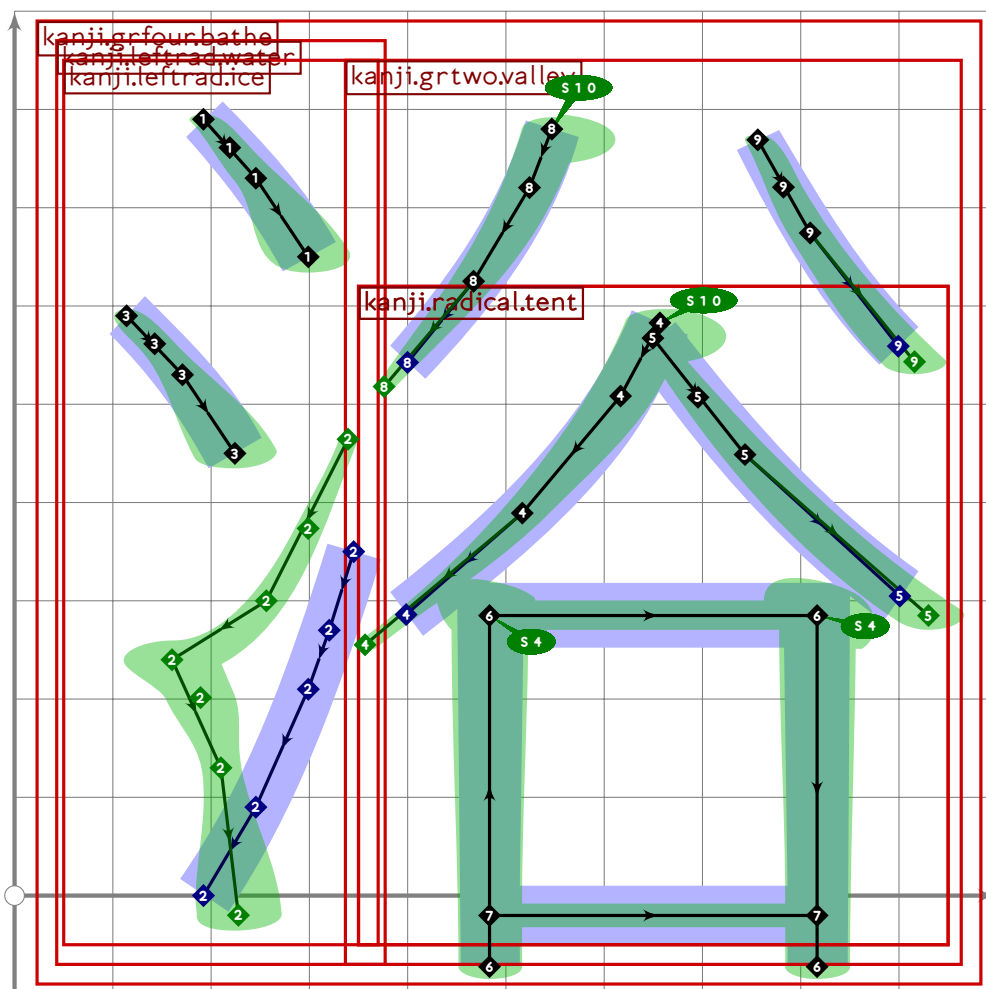


6D

```

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

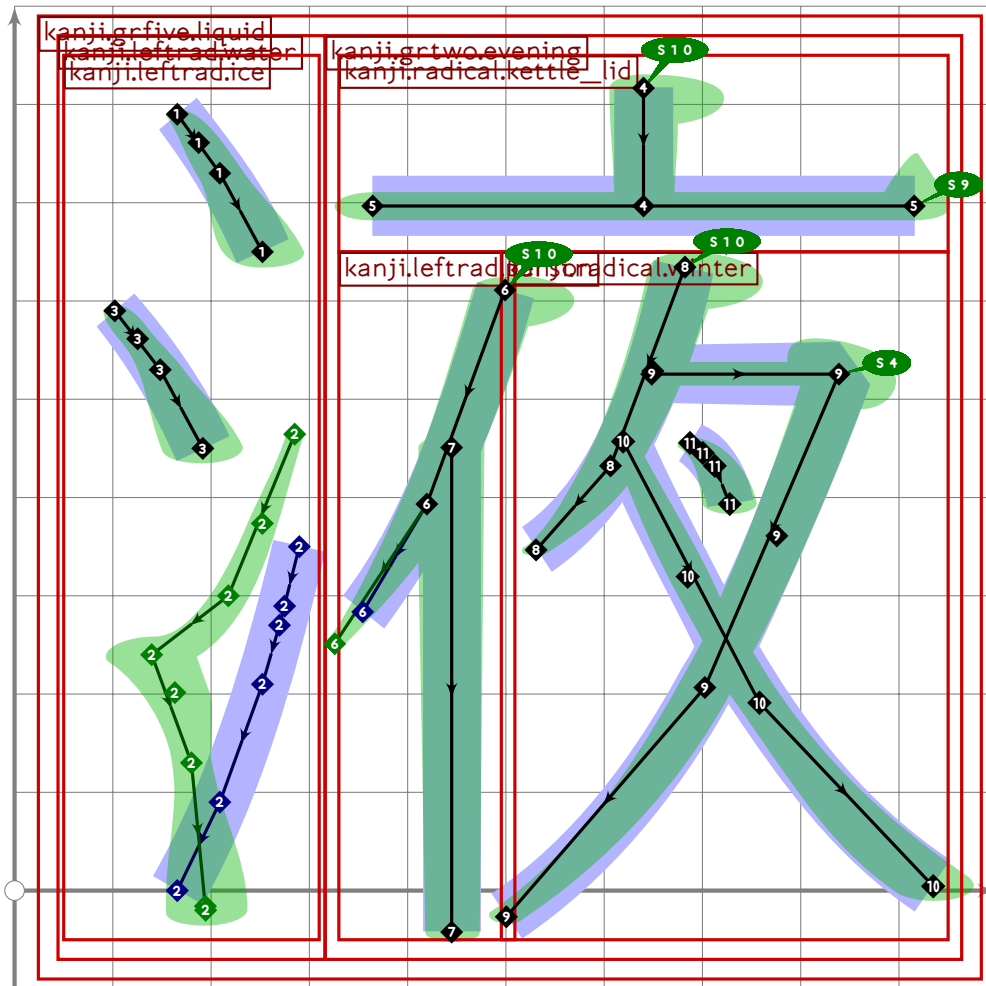
U+6D74  
tsuku.uni6D74



6D

```

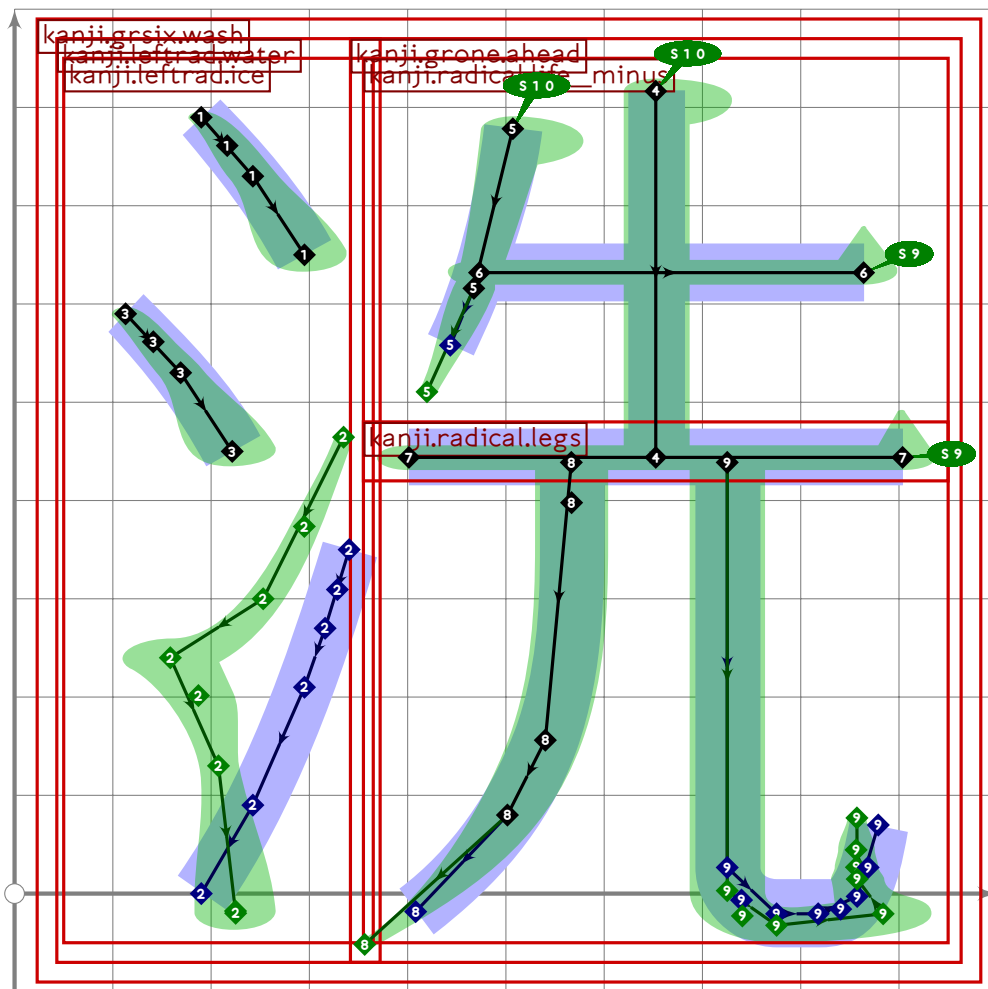
108
109 vardef kanji.grfour.bathe =
110   push_pbox_toexpand("kanji.grfour.bathe");
111   build_kanji.lr(360,20)
112     (kanji.leftrad.water)
113     (kanji.grtwo.valley);
114   expand_pbox;
115 enddef;
116
117
```



6D

```

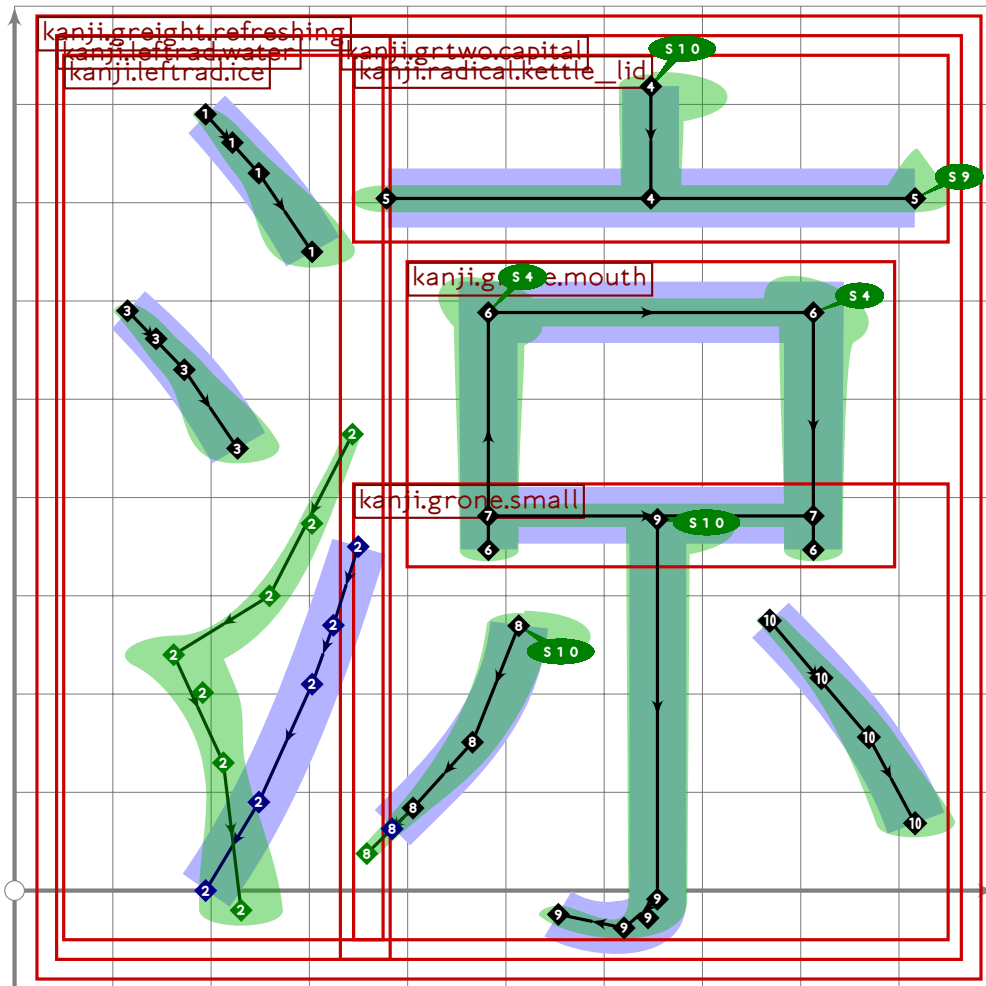
118
119 vardef kanji.grfive.liquid =
120   push_pbox_toexpand("kanji.grfive.liquid");
121   build_kanji.lr(320,-20)
122     (kanji.leftrad.water)
123     (kanji.grtwo.evening);
124   expand_pbox;
125 enddef;
126
127
```



6D

```

128
129 vardef kanji.grsix.wash =
130   push_pbox_toexpand("kanji.grsix.wash");
131   build_kanji.lr(360,10)
132     (kanji.leftrad.water)
133     (kanji.grone.ahead);
134   expand_pbox;
135 enddef;
136
137
```



6D

```

138
139 vardef kanji.greight.refreshing =
140   push_pbox_toexpand("kanji.greight.refreshing");
141   build_kanji.lr(360,30)
142     (kanji.leftrad.water)
143     (kanji.grtwo.capital);
144   expand_pbox;
145 enddef;
146
147
148
149 % you "ocean"
150 beginsuglyph("uni6D0B";11);
151   kanji.grthree.ocean;
152   tsu_render;
153 endsuglyph;
154
155 % sen/ara "wash"
156 beginsuglyph("uni6D17";23);
157   kanji.grsix.wash;
158   tsu_render;

```

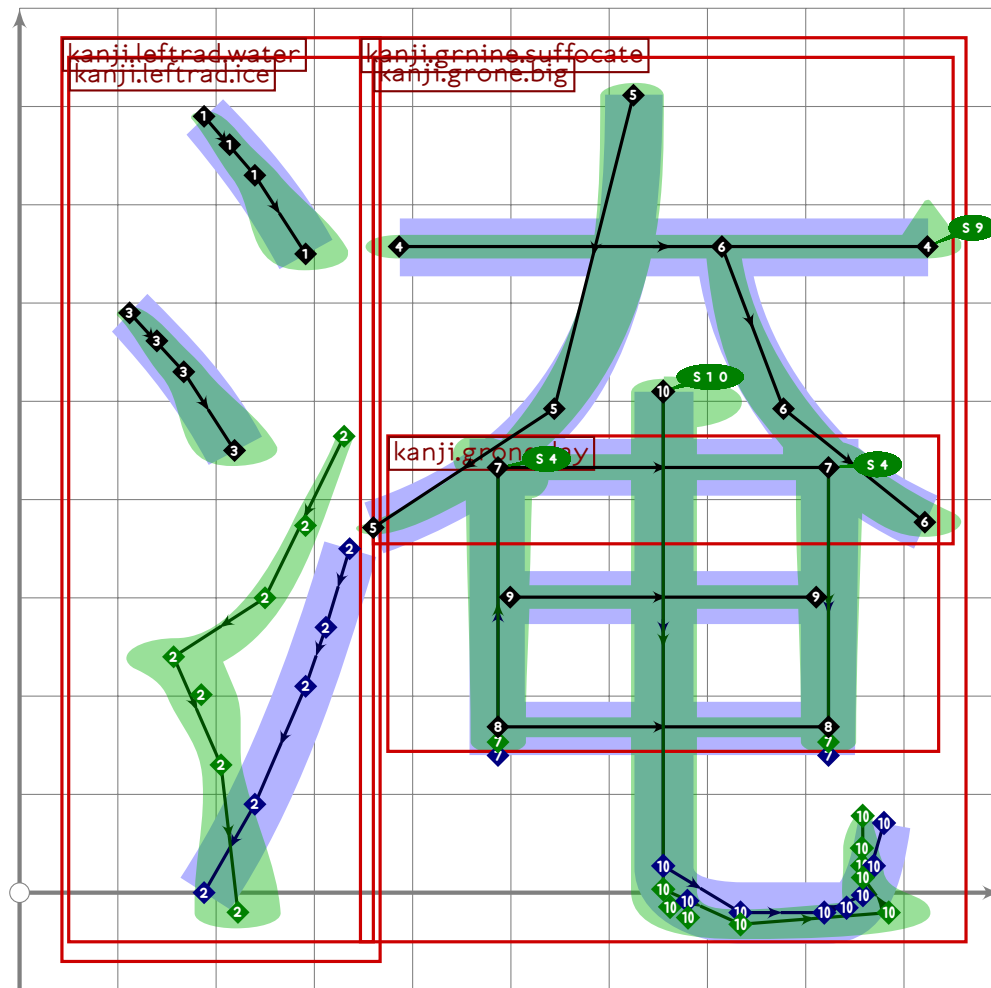
[see page 2281]

[see page 2284]

159 endtsuglyph;  
 160  
 161 % raku "Kyoto"  
 162 begintsuglyph("uni6D1B";27); [see page 741]  
 163 kanji.grnine.kyoto;  
 164 tsu\_render;  
 165 endtsuglyph;  
 166  
 167 % katsu/i "correct"  
 168 begintsuglyph("uni6D3B";59); [see page 2277]  
 169 kanji.grtwo.vitality;  
 170 tsu\_render;  
 171 endtsuglyph;  
 172  
 173 % ryuu/naga "current"  
 174 begintsuglyph("uni6D41";65); [see page 2279]  
 175 kanji.grthree.current;  
 176 tsu\_render;  
 177 endtsuglyph;  
 178  
 179 % yoku/a "bathe"  
 180 begintsuglyph("uni6D74";116); [see page 2282]  
 181 kanji.grfour.bathe;  
 182 tsu\_render;  
 183 endtsuglyph;  
 184  
 185 % kai/umi "ocean"  
 186 begintsuglyph("uni6D77";119); [see page 2276]  
 187 kanji.grtwo.ocean;  
 188 tsu\_render;  
 189 endtsuglyph;  
 190  
 191 % shou/ki "cancel"  
 192 begintsuglyph("uni6D88";136); [see page 2278]  
 193 kanji.grthree.cancel;  
 194 tsu\_render;  
 195 endtsuglyph;  
 196  
 197 % eki "liquid"  
 198 begintsuglyph("uni6DB2";178); [see page 2283]  
 199 kanji.grfive.liquid;  
 200 tsu\_render;  
 201 endtsuglyph;  
 202  
 203 % ryou/suzu "refreshing"  
 204 begintsuglyph("uni6DBC";188); [see page 2285]  
 205 kanji.greight.refreshing;  
 206 tsu\_render;

207 endtsuglyph;

208



6D

209 % extra en/i "soak" (in particular, making tea or coffee)

210 beginsuglyph("uni6DF9";249);

211 build\_kanji.lr(360,0)

212 (kanji.leftrad.water)

213 (kanji.grnine.suffocate);

214 tsu\_render;

215 endtsuglyph;

216

217 % shin/fuka "deep"

218 beginsuglyph("uni6DF1";241);

219 kanji.grthree.deep;

220 tsu\_render;

221 endtsuglyph;

222

223

224

225 endfont;

226

227

[see page 2280]

# tsuku-6e.mp

```
1 %  
2 % Unicode page 6E (Kanji) for Tsukurimashou  
3 % Copyright (C) 2011, 2012 Matthew Skala  
4 %
```

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

```
30
```

```
31
```

---

```
32
```

```
33 beginfont
```

```
34
```

```
35 % AUTODEPS
```

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

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

```
38 input gradefive.mp;
```

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

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

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

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

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

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

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

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

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

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

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

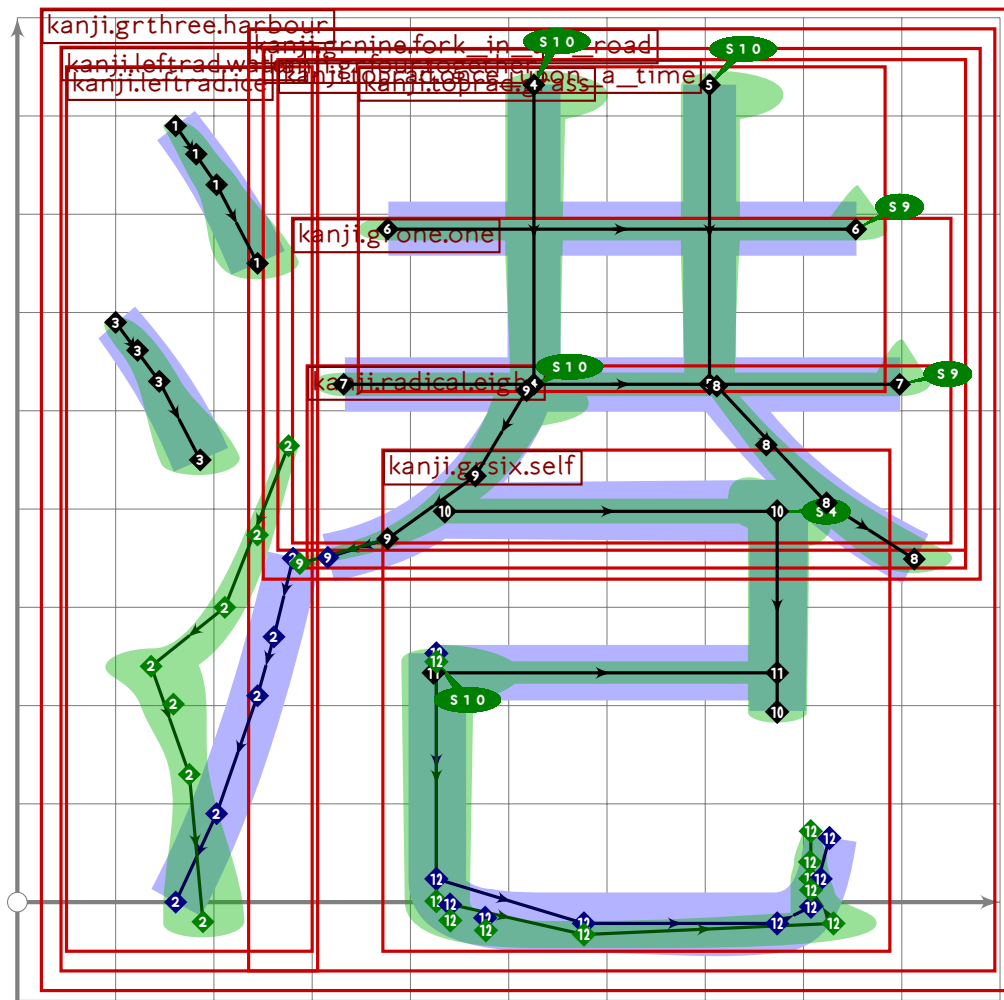
```
50
```

```
51 do_late_includes;
```

```
52
```

```
53
```

---

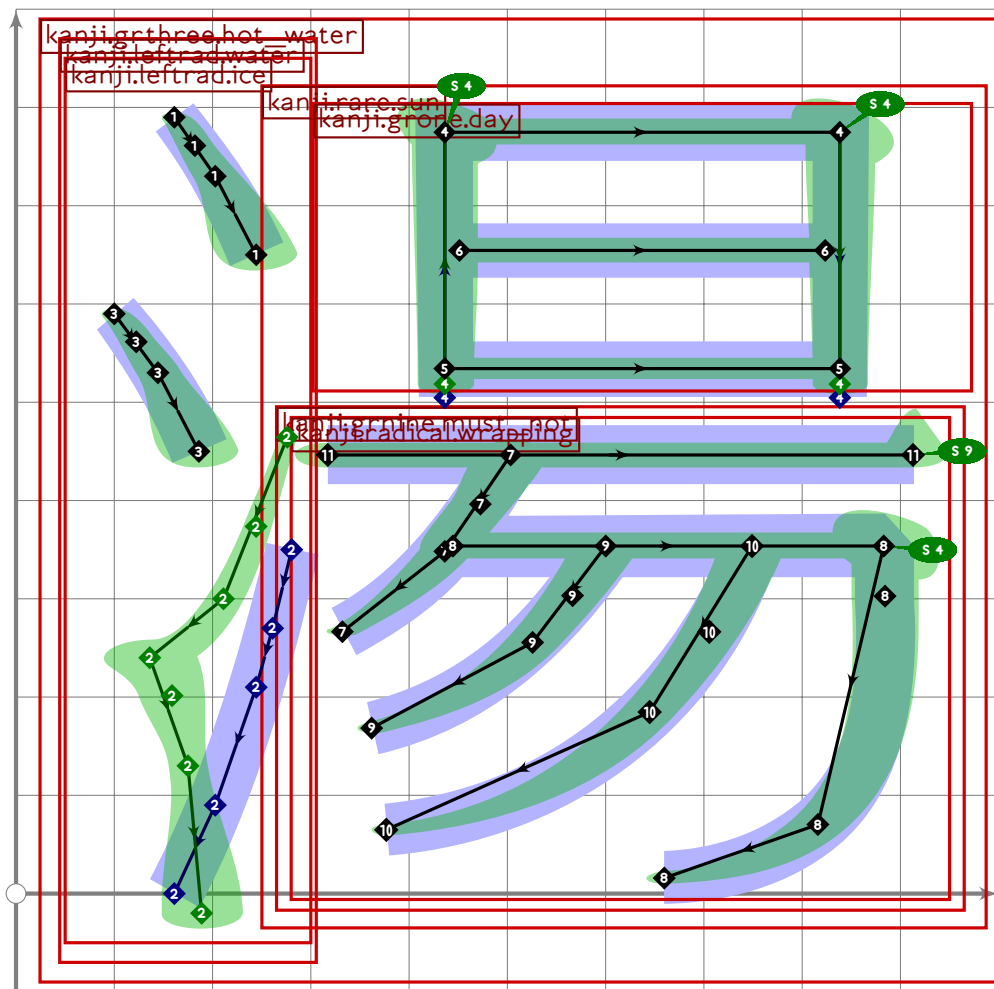


```

54
55 vardef kanji.grthree.harbour =
56   push_pbox_toexpand("kanji.grthree.harbour");
57   build_kanji.lr(290,20)
58     (kanji.leftrad.water)
59     (kanji.grnine.fork_in_the_road);
60   expand_pbox;
61 enddef;

```

U+6E6F  
tsuku.uni6E6F

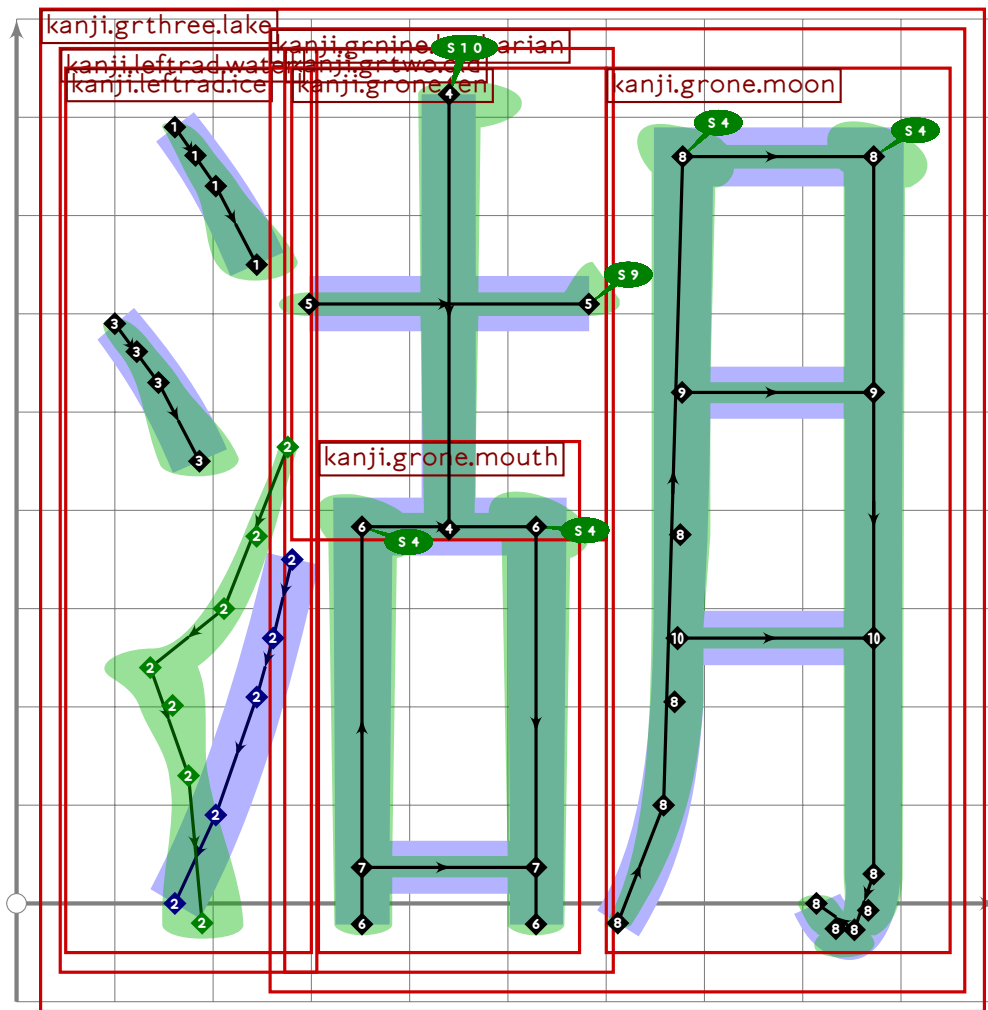


```

62
63 vardef kanji.grthree.hot_water =
64   push_pbox_toexpand("kanji.grthree.hot_water");
65   build_kanji.lr(290,20)
66     (kanji.leftrad.water)
67     (build_kanji.sscale(yscaled 0.9)(kanji.rare.sun));
68   expand_pbox;
69 enddef;

```

6E

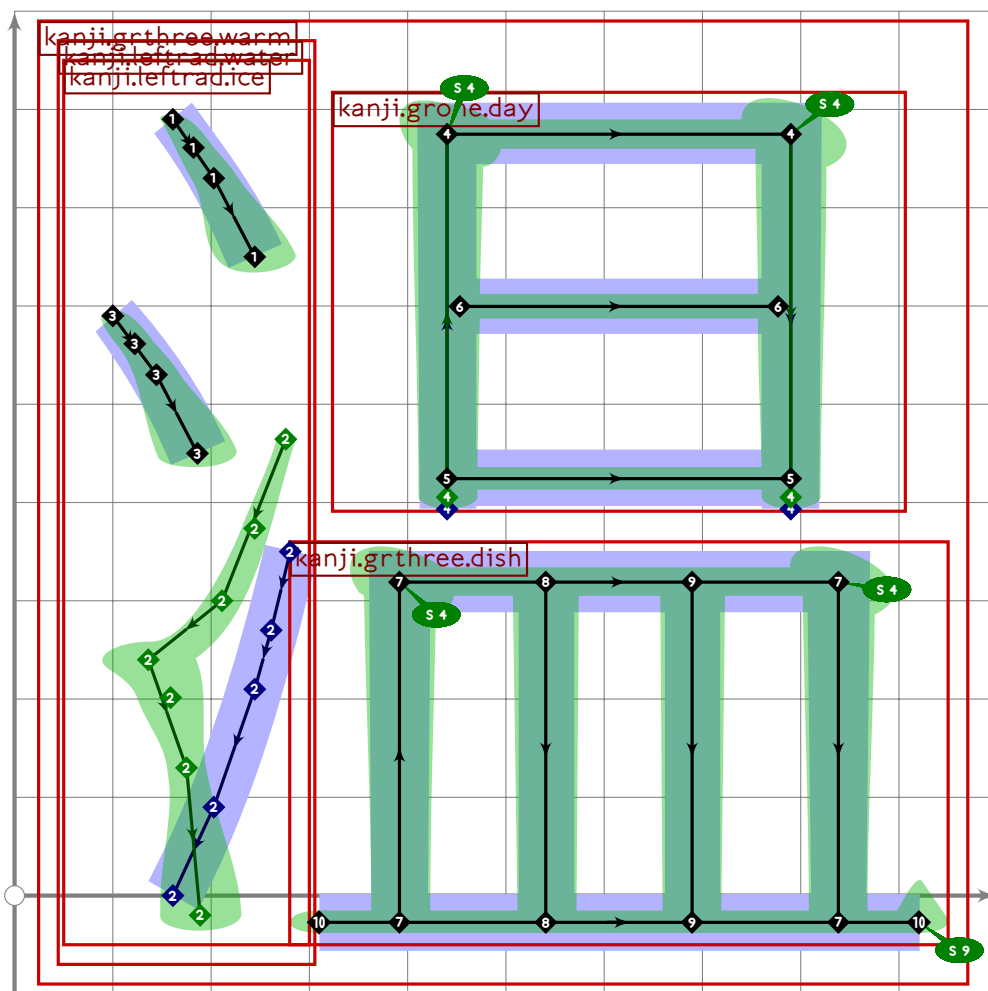


```

70
71 vardef kanji.grthree.lake =
72   push_pbox_toexpand("kanji.grthree.lake");
73   build_kanji.lr(290,20)
74     (kanji.leftrad.water)
75     (kanji.grnine.barbarian);
76   expand_pbox;
77 enddef;

```

U+6E29  
tsuku.uni6E29

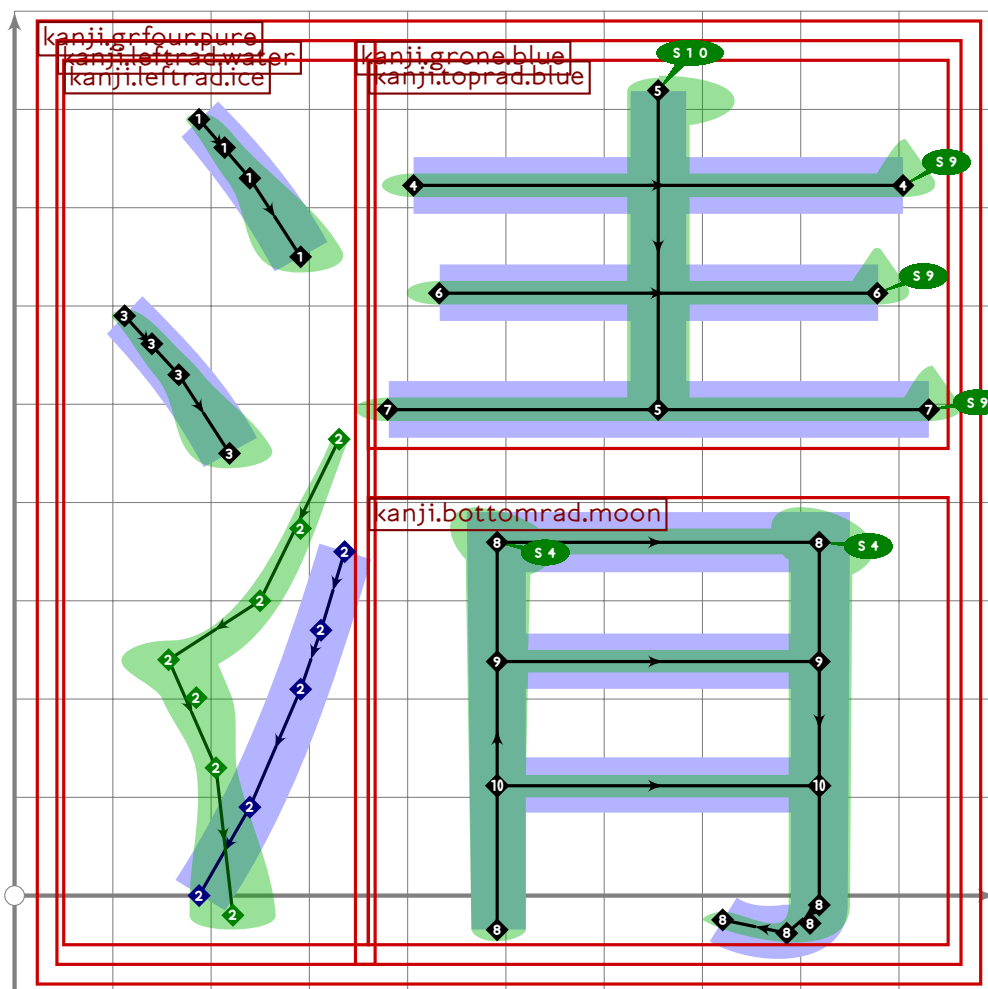


6E

```

78
79 vardef kanji.grthree.warm =
80   push_pbox_toexpand("kanji.grthree.warm");
81   build_kanji.lr(290,20)
82     (kanji.leftrad.water)
83     (build_kanji.level(build_kanji.tb(360,0)
84       (build_kanji.sscale(scaled 0.87)(kanji.grone.day))
85       (kanji.grthree.dish)));
86   expand_pbox;
87 enddef;
88
89

```

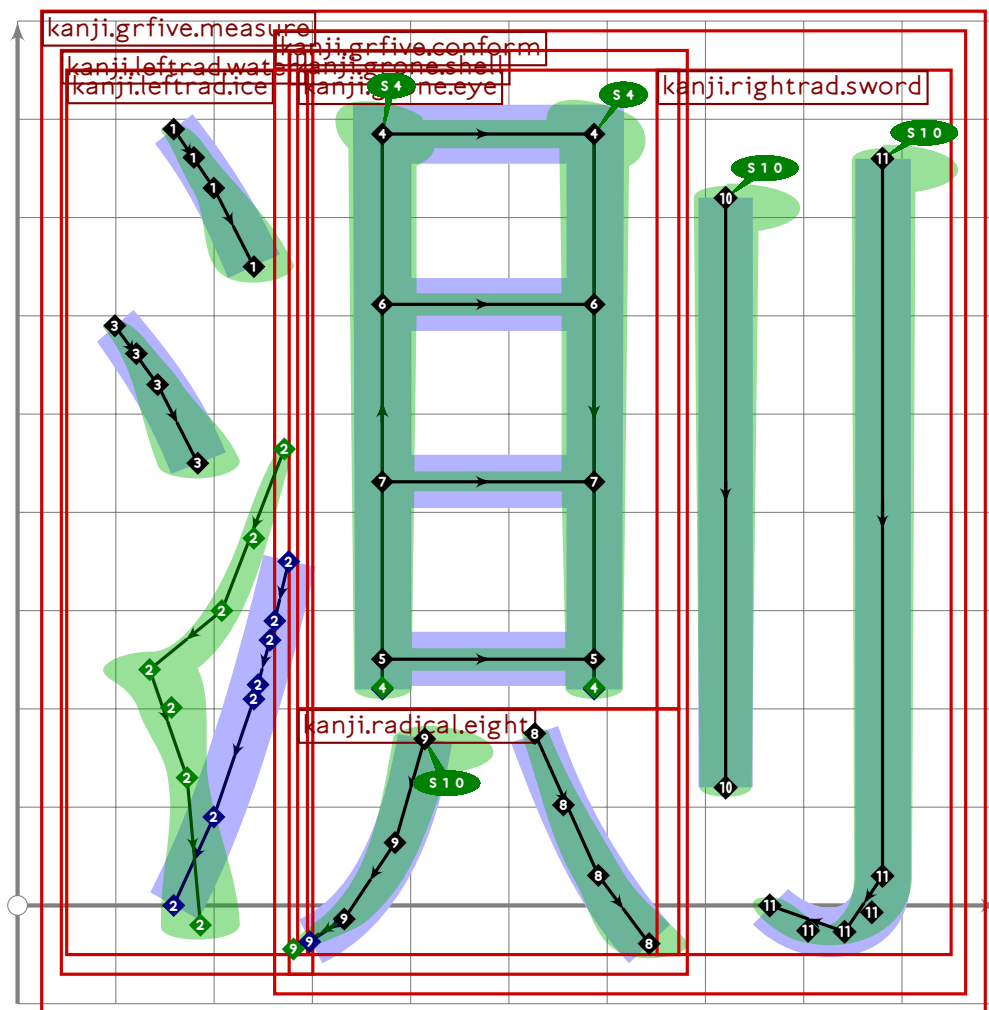


```

90
91 vardef kanji.grfour.pure =
92   push_pbox_toexpand("kanji.grfour.pure");
93   build_kanji.lr(360,0)
94     (kanji.leftrad.water)
95     (kanji.grone.blue);
96   expand_pbox;
97 enddef;
98
99

```

U+6E2C  
tsuku.uni6E2C

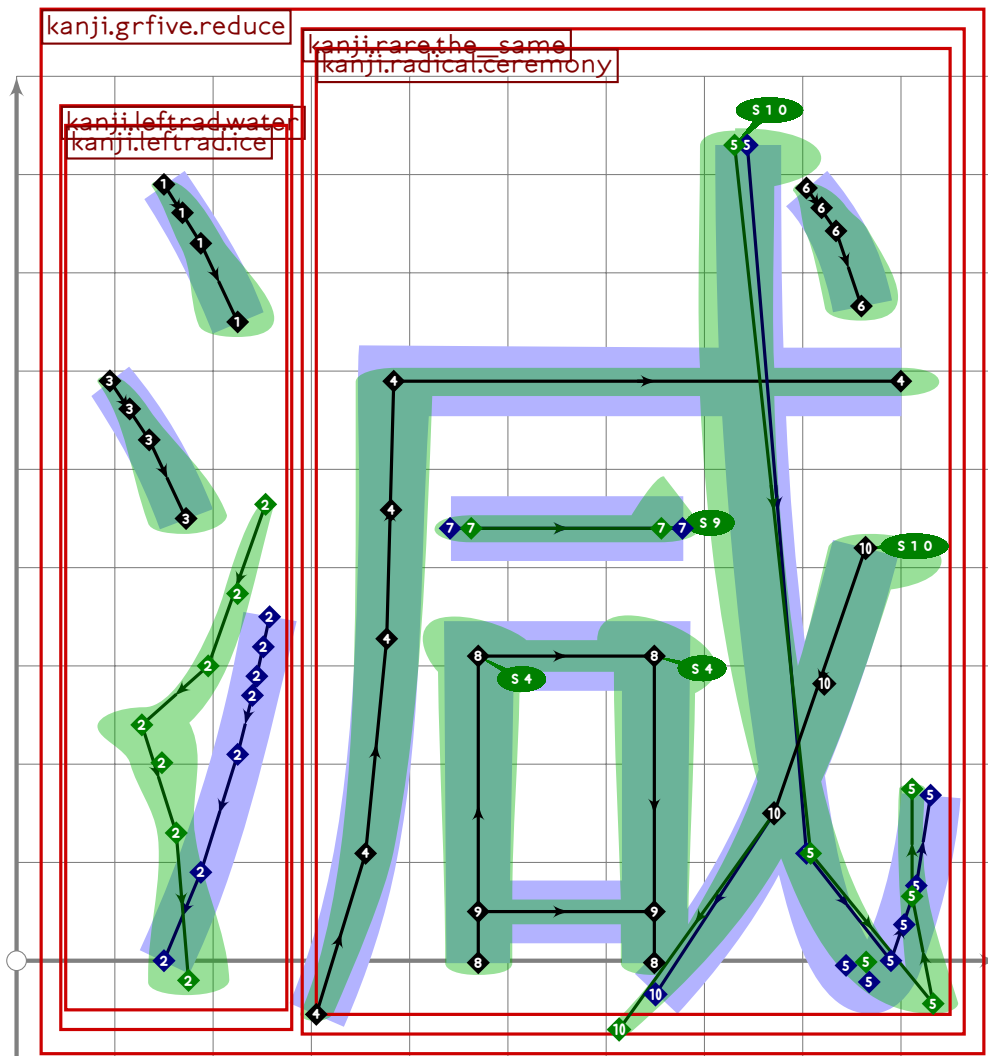


6E

```

100
101 vardef kanji.grfive.measure =
102   push_pbox_toexpand("kanji.grfive.measure");
103   build_kanji.lr(290,10)
104     (kanji.leftrad.water)
105     (kanji.grfive.conform);
106   expand_pbox;
107 enddef;

```

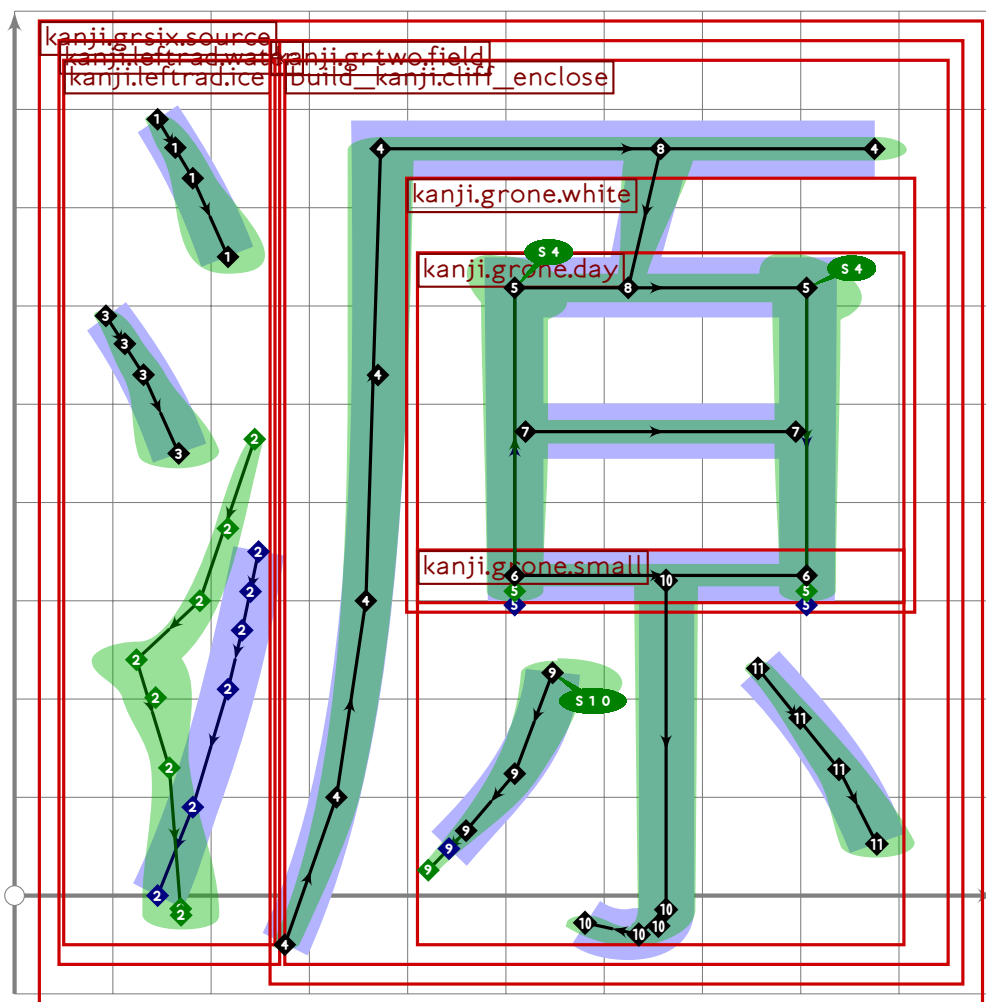


```

108
109 vardef kanji.grfive.reduce =
110   push_pbox_toexpand("kanji.grfive.reduce");
111   build_kanji.lr(290;-30)
112     (kanji.leftrad.water)
113     (kanji.rare.the_same);
114   expand_pbox;
115 enddef;
116
117

```

U+6E90  
tsuku.uni6E90



6E

```

118
119 vardef kanji.grsix.source =
120   push_pbox_toexpand("kanji.grsix.source");
121   build_kanji.lr(270,-10)
122   (kanji.leftrad.water)
123   (kanji.grtwo.field);
124   expand_pbox;
125 enddef;
126
127
128
129 % sei/kiyo "pure"
130 begintsuglyph("uni6E05";5);
131   kanji.grfour.pure;
132   tsu_render;
133 endtsuglyph;
134
135 % gen/he "reduce"
136 begintsuglyph("uni6E1B";27);
137   kanji.grfive.reduce;
138   tsu_render;

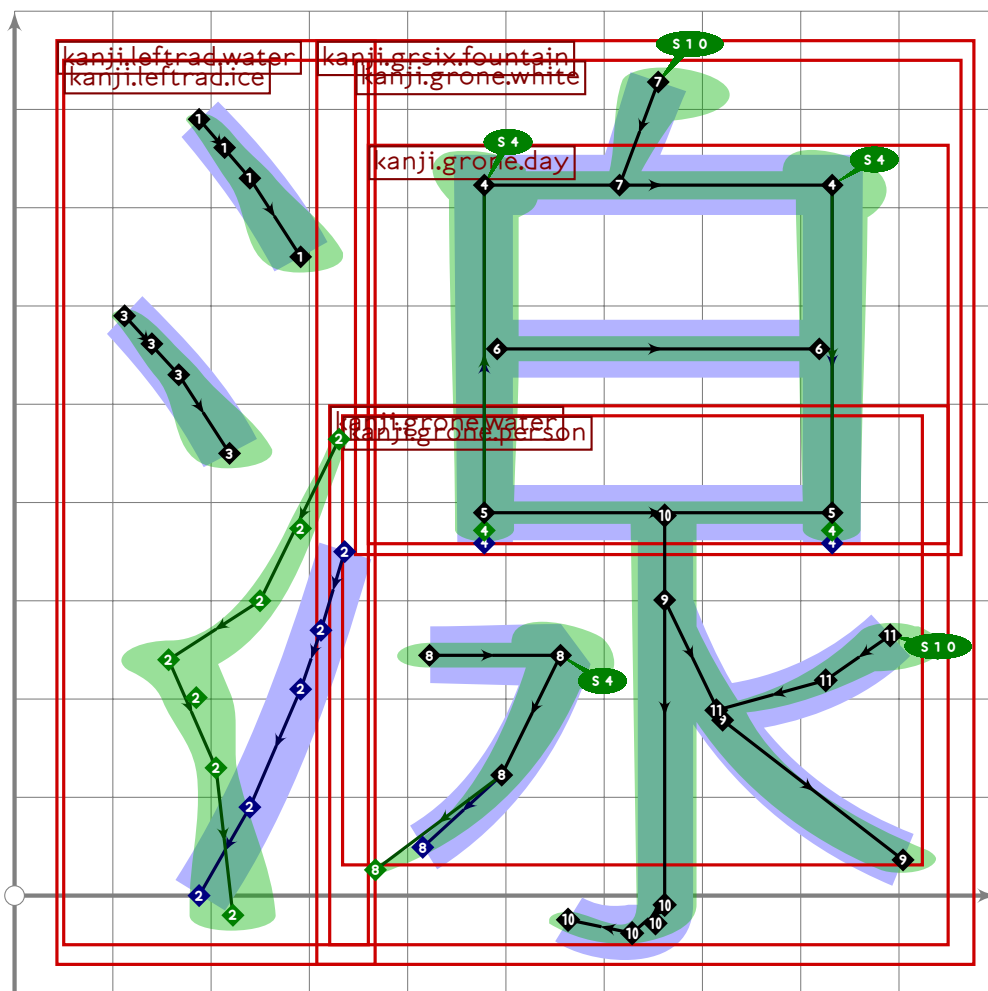
```

[see page 2293]

[see page 2295]

139	endtsuglyph;	
140		
141	% on/atata "warm"	
142	begintsuglyph("uni6E29";41);	[see page 2292]
143	kanji.grthree.warm;	
144	tsu_render;	
145	endtsuglyph;	
146		
147	% soku/haka "measure"	
148	begintsuglyph("uni6E2C";44);	[see page 2294]
149	kanji.grfive.measure;	
150	tsu_render;	
151	endtsuglyph;	
152		
153	% kou/minato "harbour"	
154	begintsuglyph("uni6E2F";47);	[see page 2289]
155	kanji.grthree.harbour;	
156	tsu_render;	
157	endtsuglyph;	
158		
159	% tou/yu "hot water"	
160	begintsuglyph("uni6E6F";111);	[see page 2290]
161	kanji.grthree.hot_water;	
162	tsu_render;	
163	endtsuglyph;	
164		
165	% ko/mizuumi "lake"	
166	begintsuglyph("uni6E56";86);	[see page 2291]
167	kanji.grthree.lake;	
168	tsu_render;	
169	endtsuglyph;	
170		

U+6E76  
tsuku.uni6E76



6E

```

171 % extra
172 begintsuglyph("uni6E76",118);
173   build_kanji.lr(360,0)
174     (kanji.leftrad.water)
175     (kanji.grsix.fountain);
176   tsu_render;
177 endtsuglyph;
178
179 % gen/minamoto "source" (also "gen" as in "Genji Monogatari")
180 begintsuglyph("uni6E90",144);
181   kanji.grsix.source;
182   tsu_render;
183 endtsuglyph;
184
185 _____
186
187 endfont;
188
189 _____

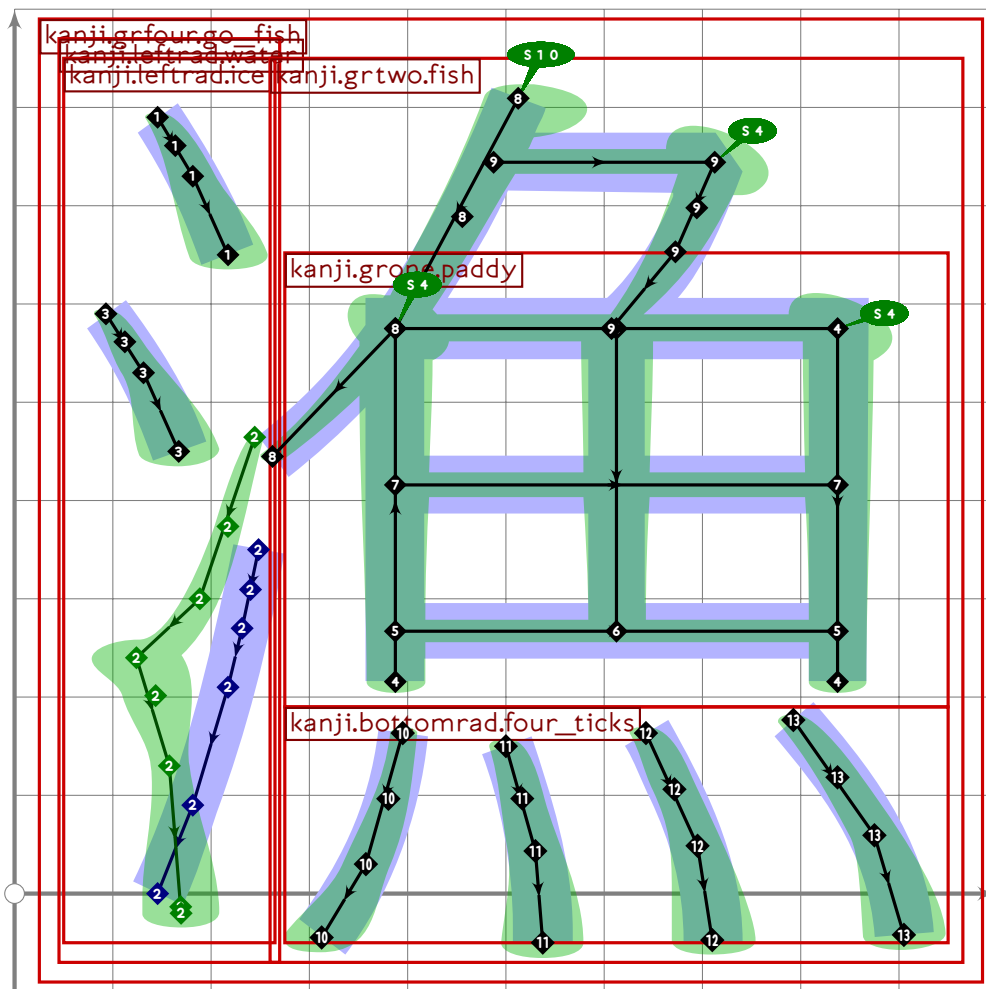
```

[see page 2296]

# tsuku-6f.mp

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

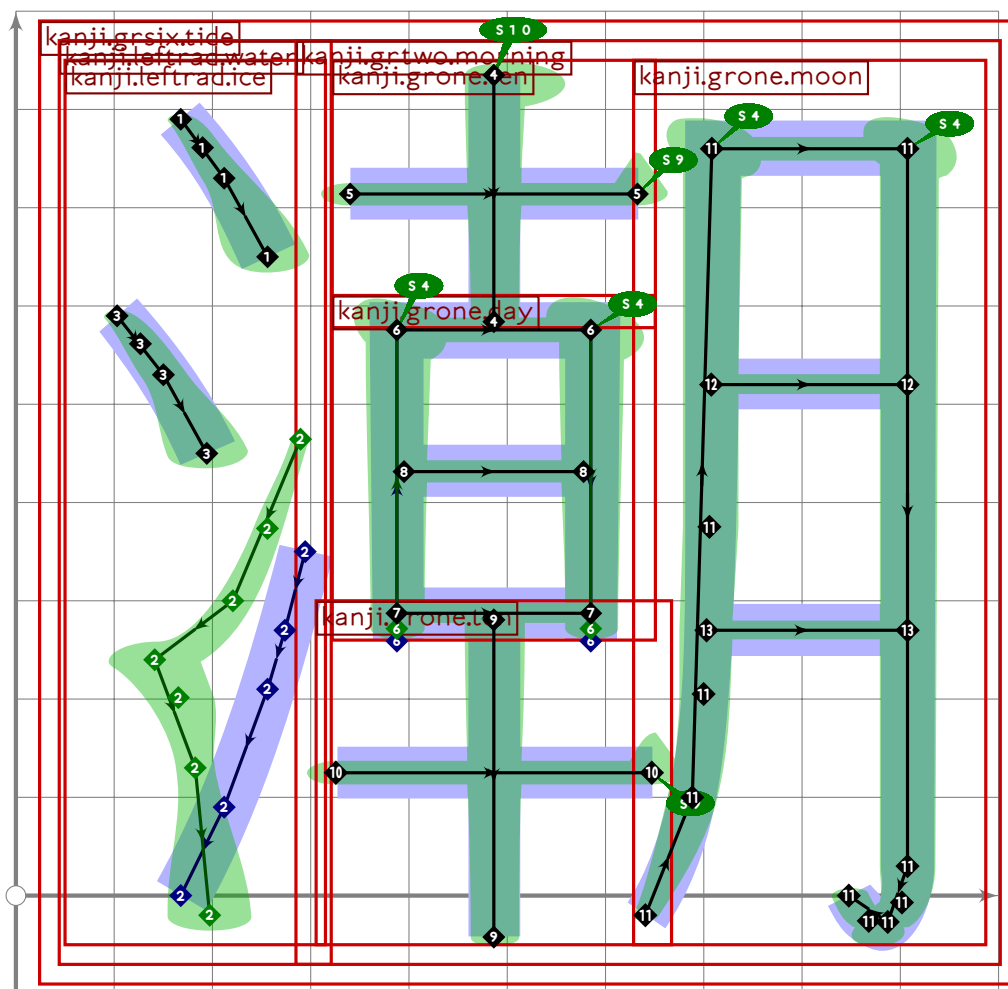
U+6F01  
tsuku.uni6F01



```

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

```



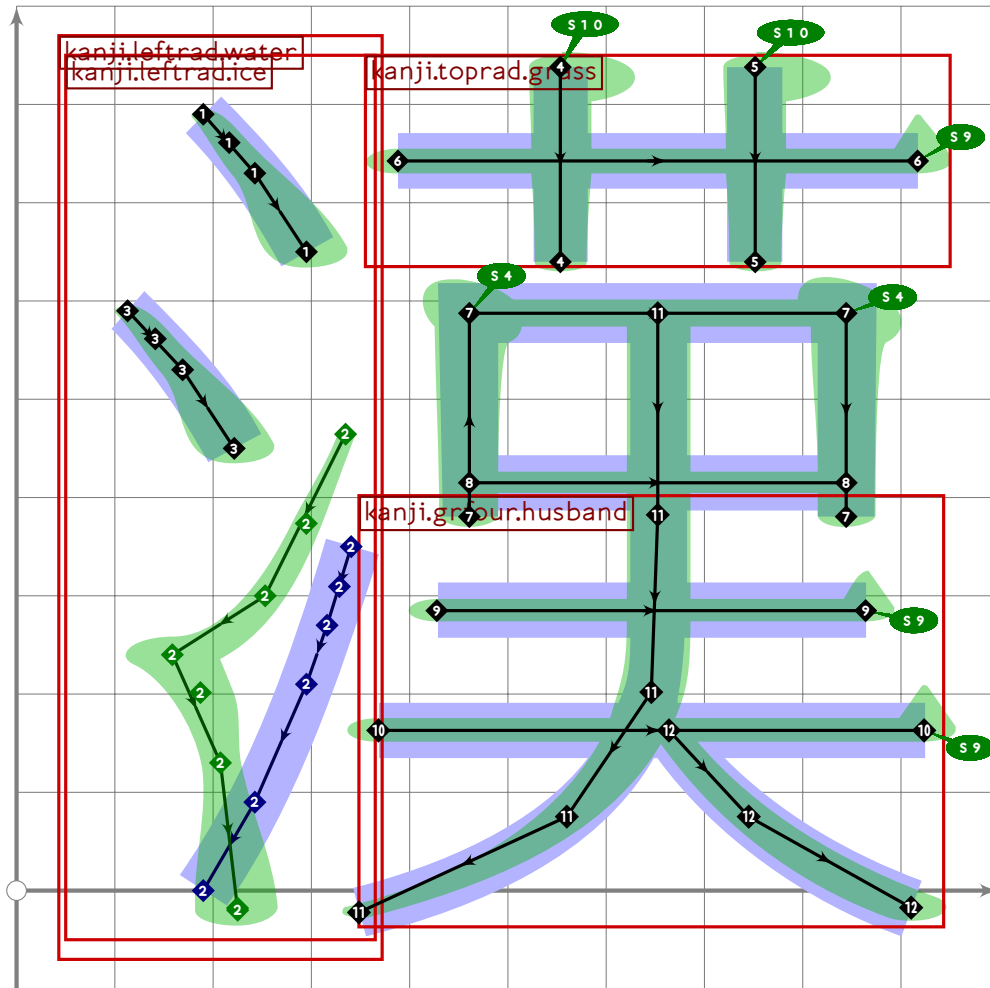
```

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

```

[see page 2300]

U+6F22  
tsuku.uni6F22



```

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

[see page 2301]

```
95 

---

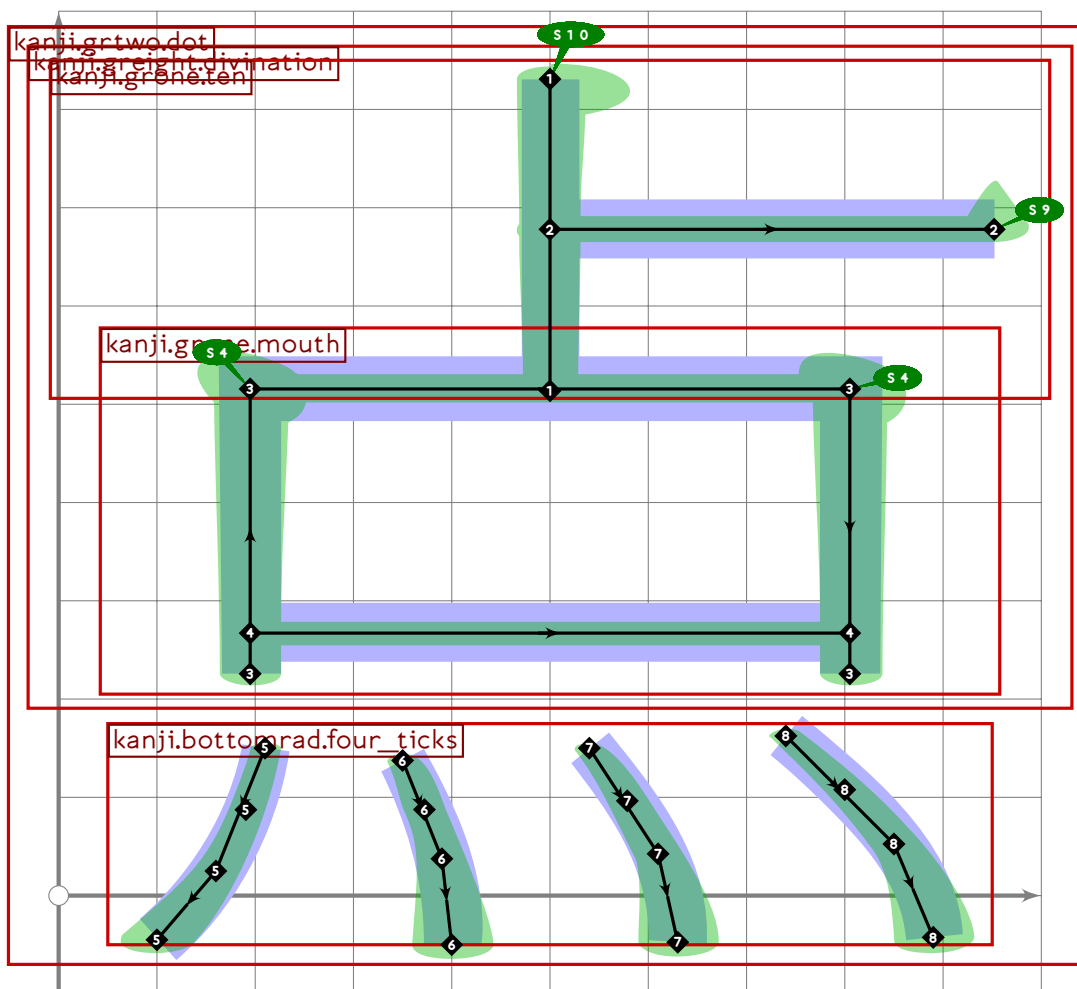

96
97 endfont;
98
99 

---


```

# tsuku-70.mp

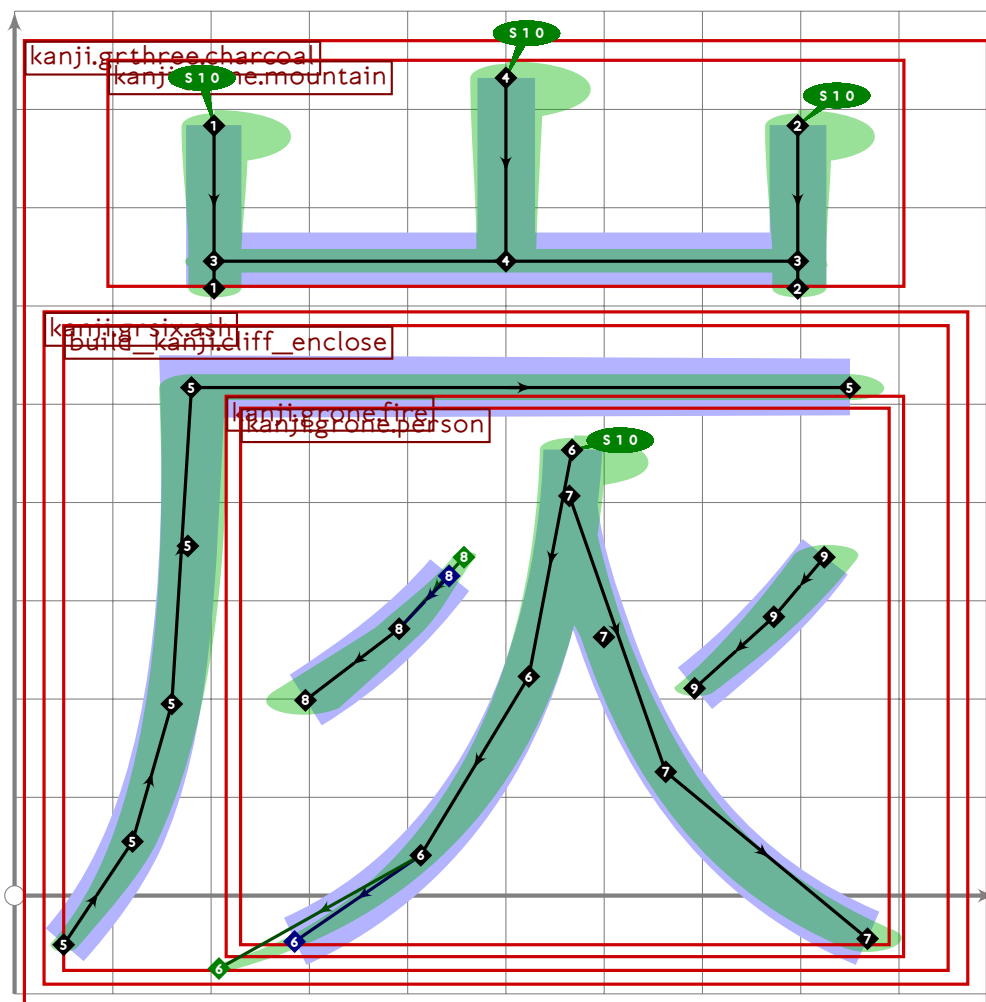
```
1 %
2 % Unicode page 70 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input bottomrad.mp;
37 input buildkanji.mp;
38 input gradeeight.mp;
39 input gradeone.mp;
40 input leftrad.mp;
41
42 do_late_includes;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



```

46 % "point" is a reserved word
47 vardef kanji.grtwo.dot =
48   push_pbox_toexpand("kanji.grtwo.dot");
49   build_kanji.tb(190,-30)
50     (build_kanji.sscale(xscaled 1.13)
51       (kanji.greight.divination))
52     (kanji.bottomrad.four_ticks);
53   expand_pbox;
54 enddef;
55
56

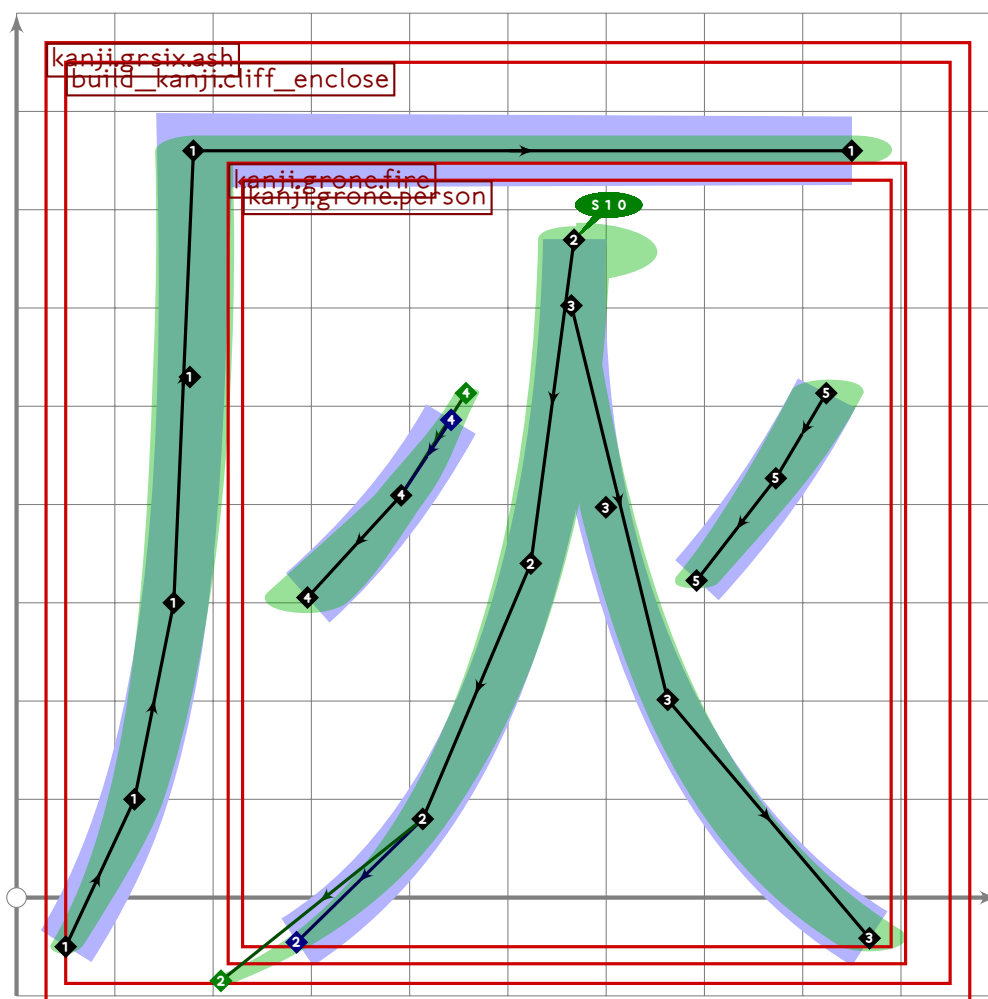
```



```

57
58 vardef kanji.grthree.charcoal =
59   push_pbox_toexpand("kanji.grthree.charcoal");
60   build_kanji.level(build_kanji.tb(600,-40)
61     (build_kanji.sscale(xscaled 0.9)(kanji.grone.mountain))
62     (kanji.grsix.ash));
63   expand_pbox;
64 enddef;
65
66

```



```

67
68 vardef kanji.grsix.ash =
69   push_pbox_toexpand("kanji.grsix.ash");
70   build_kanji.cliff_enclose(kanji.grone.fire);
71   expand_pbox;
72 enddef;
73
74
75
76 % hi/ka "fire"
77 begintsuglyph("uni706B";107);
78   kanji.grone.fire;
79   tsu_render;
80 endtsuglyph;
81
82 % kai/hai "ash"
83 begintsuglyph("uni7070";112);
84   kanji.grsix.ash;
85   tsu_render;
86 endtsuglyph;
87

```

[see page 430]

[see page 2307]

```

88 % en/honoo "inflammation"
89 begintsuglyph("uni708E";142);
90 kanji.greight.inflammation;
91 tsu_render;
92 endtsuglyph;
93
94 % tan/sumi "charcoal"
95 begintsuglyph("uni70AD";173);
96 kanji.grthree.charcoal;
97 tsu_render;
98 endtsuglyph;
99
100 % ten/tsu "point"
101 begintsuglyph("uni70B9";185);
102 kanji.grtwo.dot;
103 tsu_render;
104 endtsuglyph;
105
106 _____
107
108 endfont;
109
110 _____

```

[see page 715]

[see page 2306]

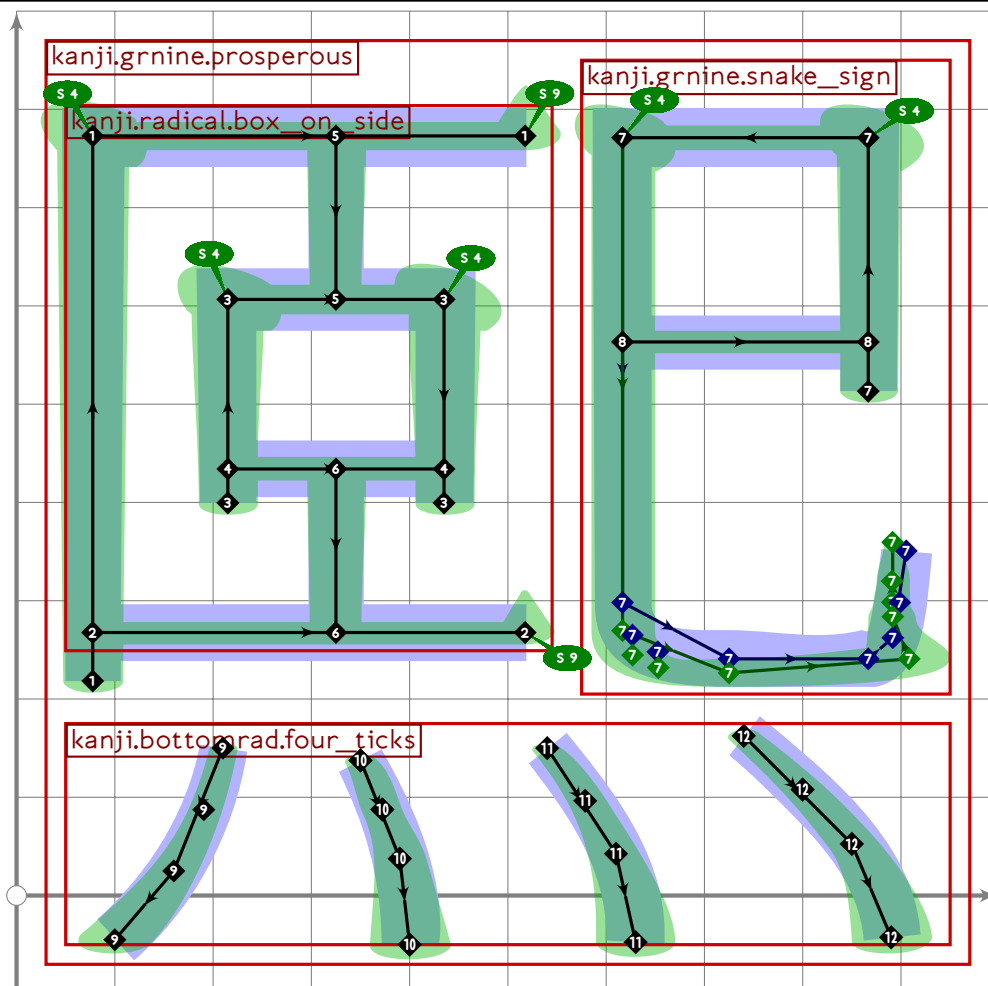
[see page 2305]

# tsuku-71.mp

```

1 %
2 % Unicode page 71 (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 bottomrad.mp;
37 input buildkanji.mp;
38 input gradenine.mp;
39 input radical.mp;
40
41 do_late_includes;
42
43

```



```

44
45 vardef kanji.grnine.prosperous =
46   push_pbox_toexpand("kanji.grnine.prosperous");
47   build_kanji.tb(190,-30)
48     (build_kanji.lr(560,-30)
49       (build_kanji.sscale(yscaled 0.86)
50         (kanji.radical.box_on_side;
51           build_kanji.box((350,530),(750,250));
52           push_stroke((550,800)-(550,530),(1.5,1.5)-(1.4,1.4));
53           push_stroke((550,250)-(550,-20),(1.5,1.5)-(1.4,1.4)))
54         (kanji.grnine.snake_sign))
55       (kanji.bottomrad.four_ticks);
56   expand_pbox;
57 enddef;
58
59 

---


60
61 % ki/tanoshi
62 begintsuglyph("uni7199",153); [see page 2310]
63   kanji.grnine.prosperous;
64   tsu_render;
65 endtsuglyph;
66
67 

---


68
69 endfont;
70
71 

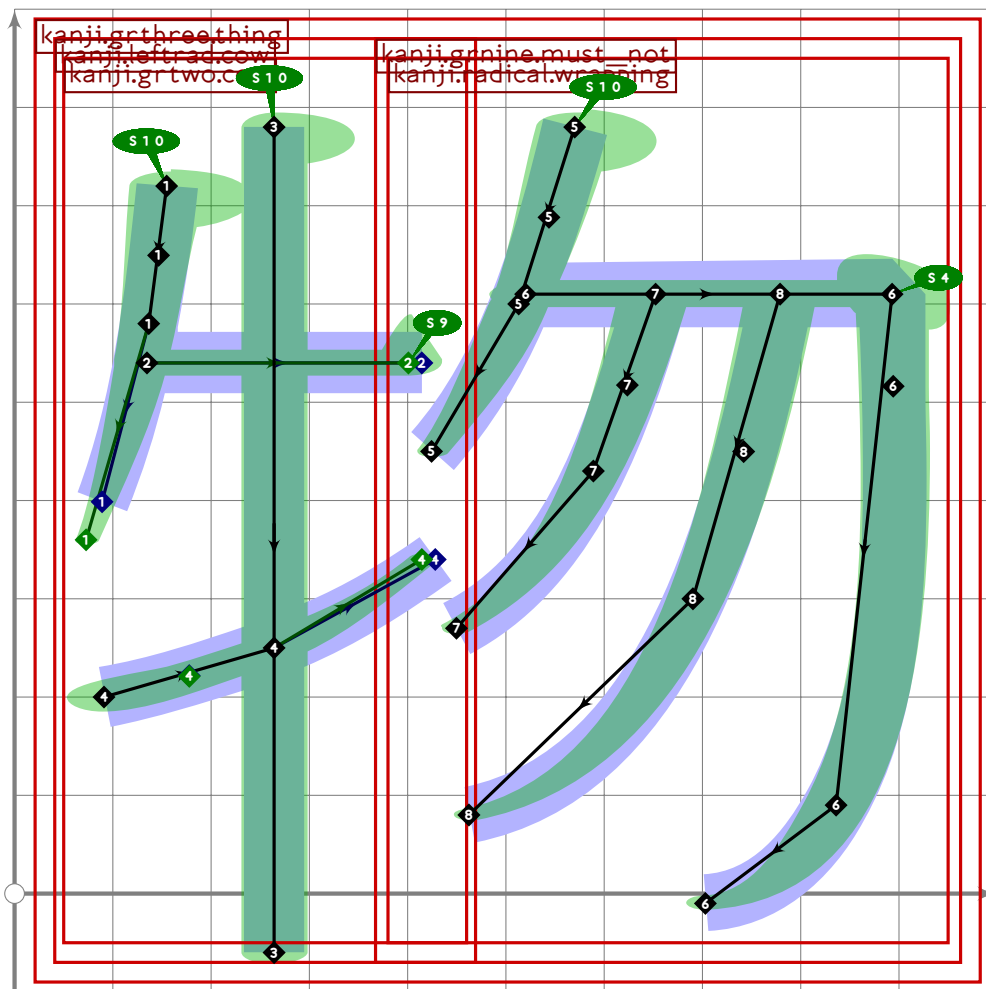
---



```

# tsuku-72.mp

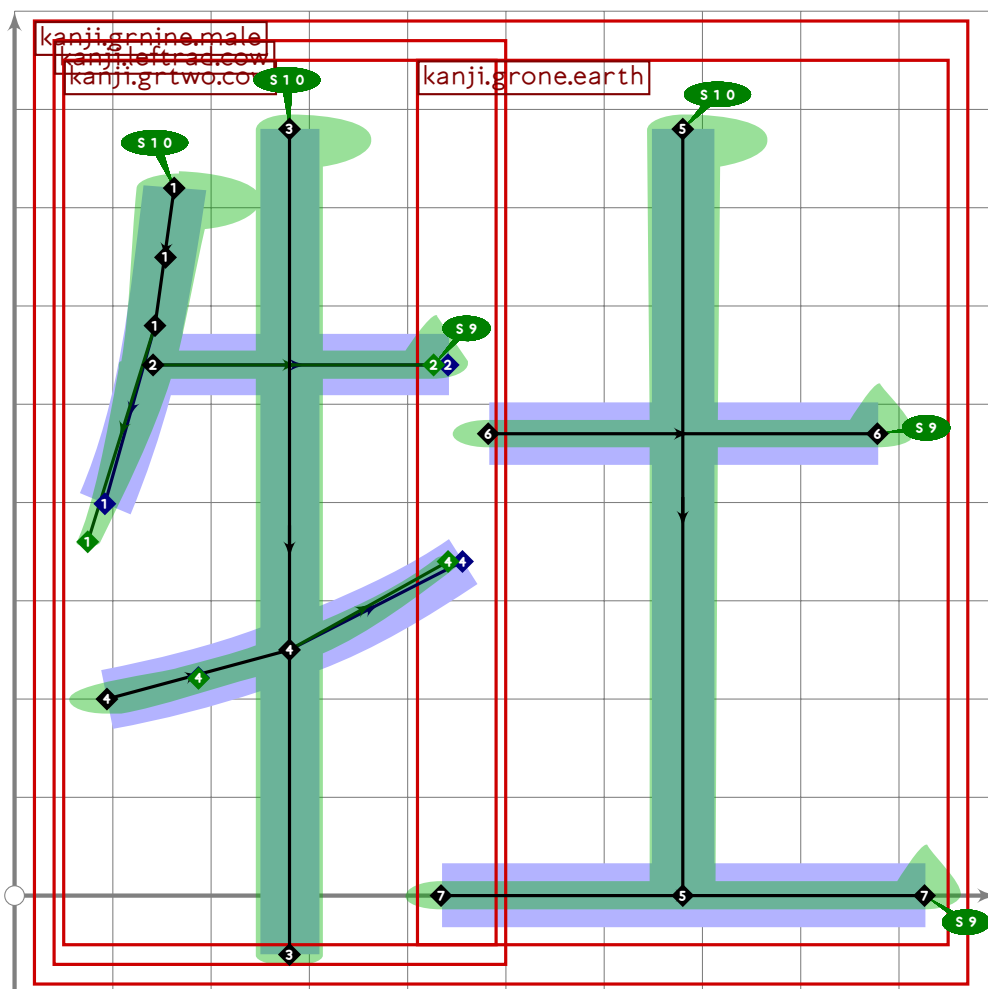
```
1 %
2 % Unicode page 72 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31
32
33 beginfont
34
35 % AUTODEPS
36 input buildkanji.mp;
37 input gradenine.mp;
38 input gradeone.mp;
39 input gradethree.mp;
40 input gradetwo.mp;
41 input radical.mp;
42
43 do_late_includes;
44
45
```



```

46
47 vardef kanji.grthree.thing =
48   push_pbox_toexpand("kanji.grthree.thing");
49   build_kanji.lr(420,80)
50     (kanji.leftrad.cow)
51     (kanji.grnine.must_not);
52   expand_pbox;
53 enddef;
54
55

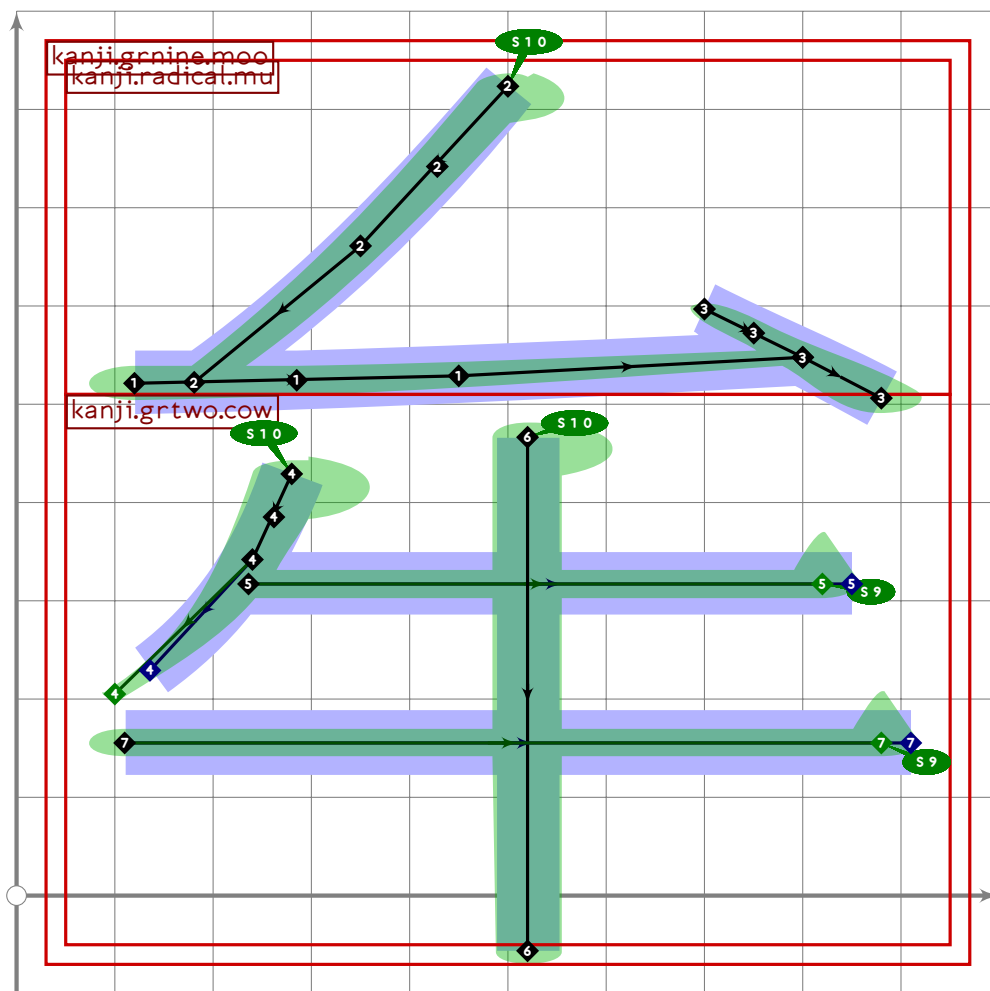
```



```

56
57 vardef kanji.grnine.male =
58   push_pbox_toexpand("kanji.grnine.male");
59   build_kanji.lr(450,80)
60     (kanji.leftrad.cow)
61     (kanji.grnine.earth);
62   expand_pbox;
63 enddef;

```



```

64
65 vardef kanji.grnine.moo =
66   push_pbox_toexpand("kanji.grnine.moo");
67   build_kanji.tb(510,0)
68   (kanji.radical.mu)
69   (kanji.grtwo.cow);
70   expand_pbox;
71 enddef;
72
73
74
75 vardef kanji.leftrad.cow =
76   push_pbox_toexpand("kanji.leftrad.cow");
77   kanji.grtwo.cow;
78   replace_strokep(0)((140,200)..tension 1.2..(520,250)..(880-30*mincho,340));
79   replace_strokeq(0)((1.7,1.7)-(1.5,1.5)-(1,1));
80   set_boserif(0,1,whatever);
81   expand_pbox;
82 enddef;
83
84

```

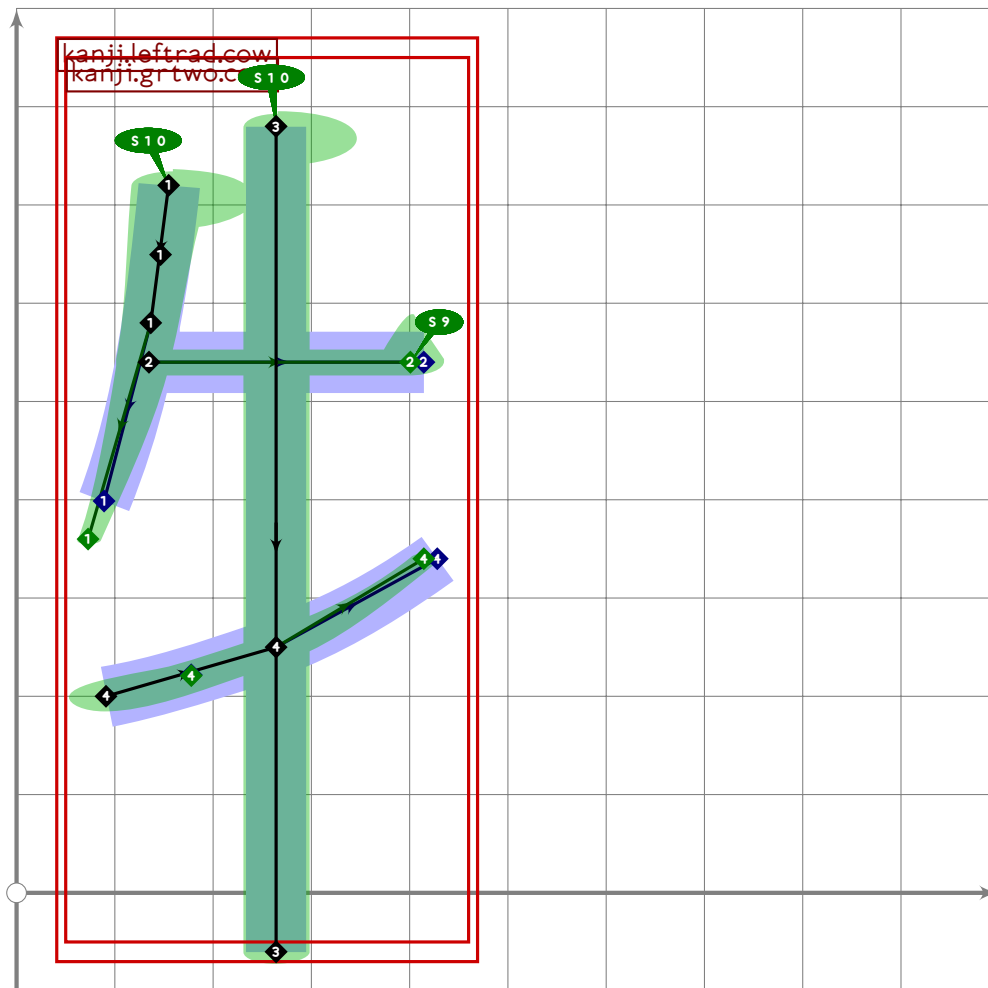
```

85
86 % chichi "father"
87 begintsuglyph("uni7236",54);
88   kanji.grtwo.father;
89   tsu_render;
90 endtsuglyph;
91
92 % kyu/ushi "cow"
93 begintsuglyph("uni725B",91);
94   kanji.grtwo.cow;
95   tsu_render;
96 endtsuglyph;
97

```

[see page 495]

[see page 488]

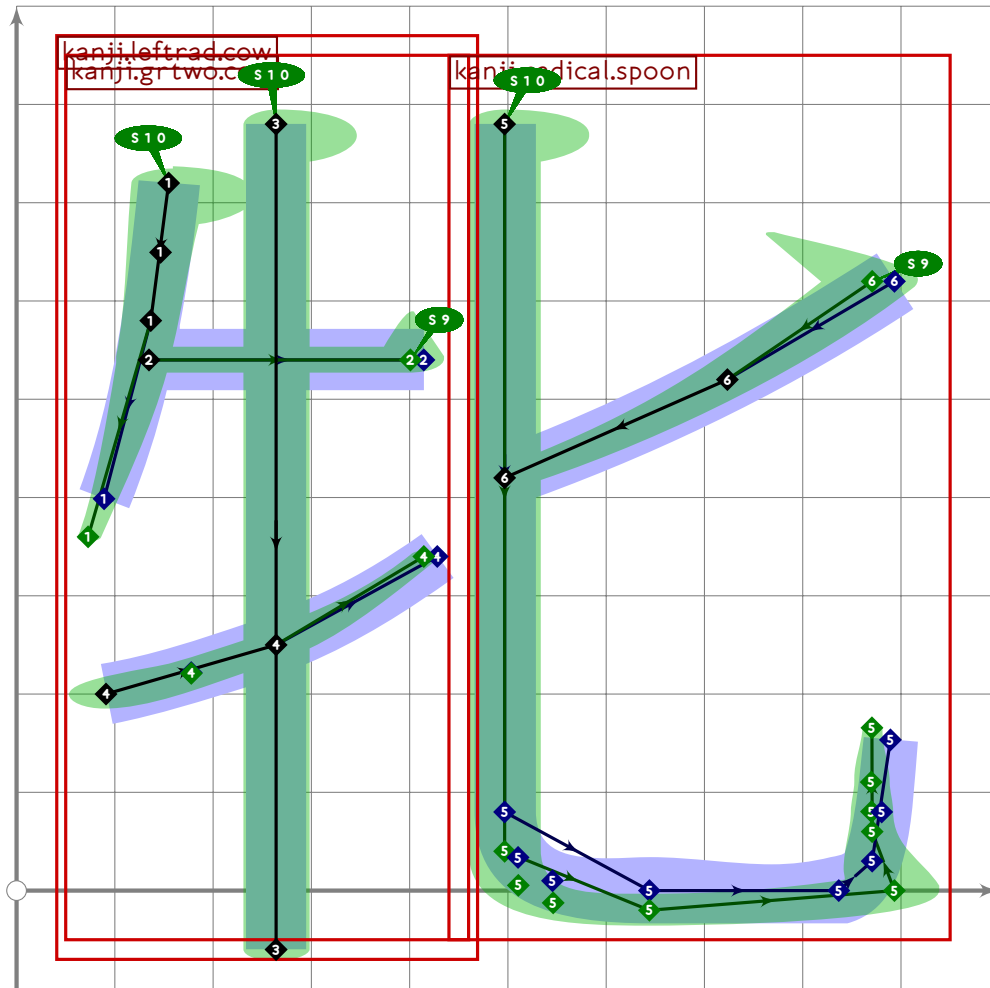


```

98 % naked cow radical
99 begintsuglyph("uni725C",92);
100   build_kanji.lr(450,20)(kanji.leftrad.cow());
101   tsu_render;
102 endtsuglyph;
103

```

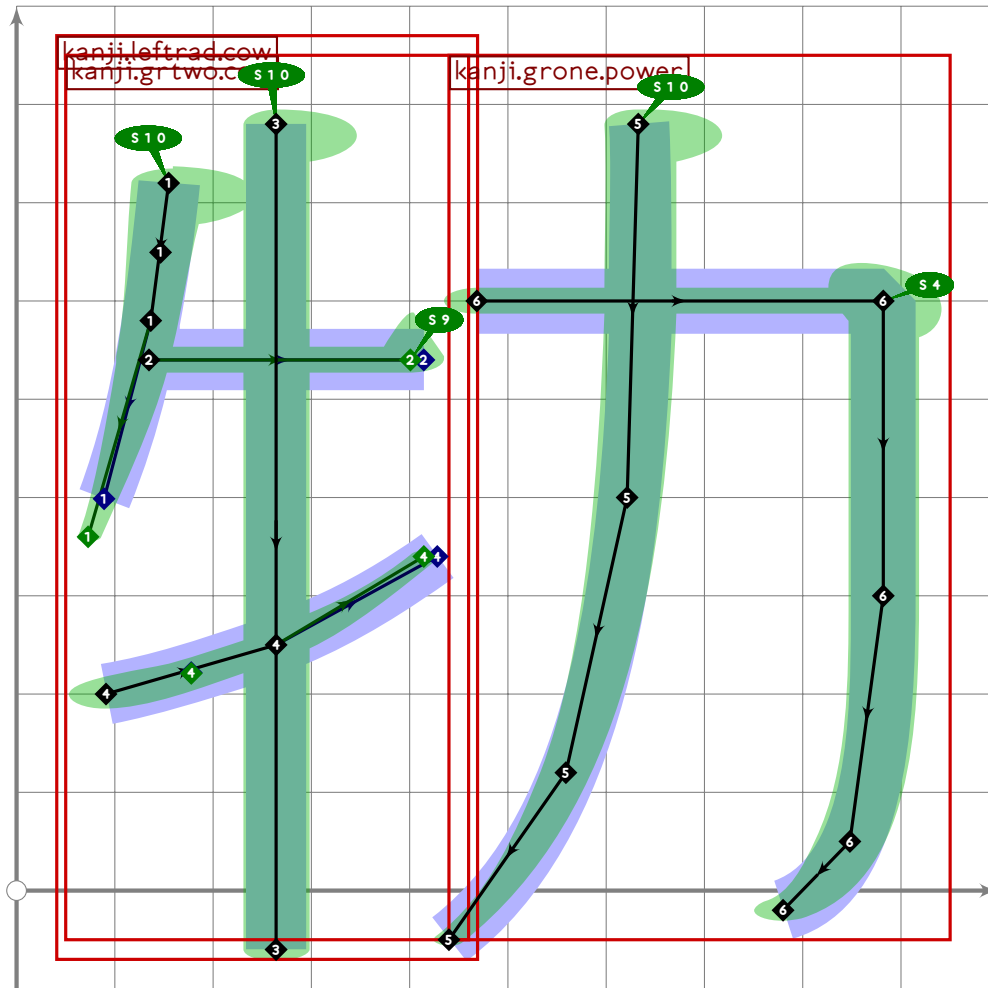
U+725D  
tsuku.uni725D



```

104 % extra "female"
105 begintsuglyph("uni725D";93);
106   build_kanji.lr(450,20)
107     (kanji.leftrad.cow)
108     (kanji.radical.spoon);
109   tsu_render;
110 endtsuglyph;
111

```

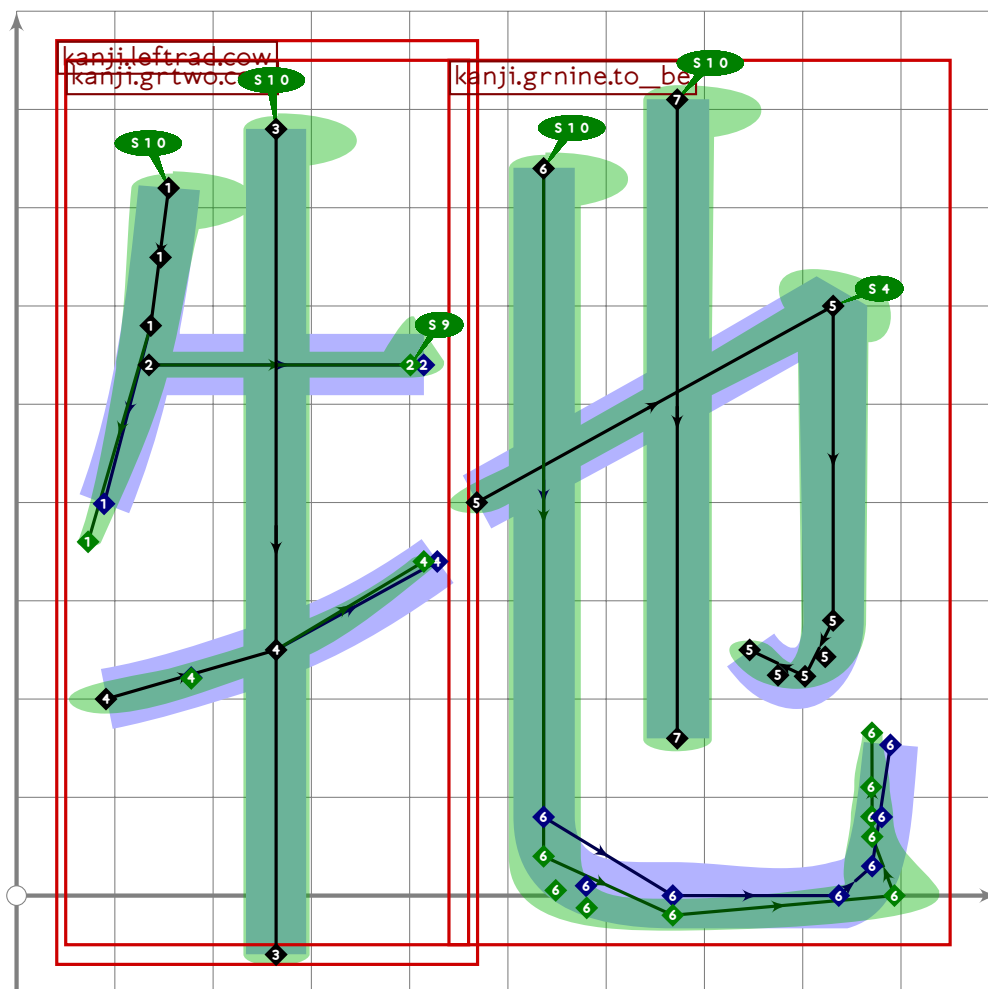


```

112 % extra
113 begintsuglyph("uni725E";94);
114   build_kanji.lr(450,20)
115     (kanji.leftrad.cow)
116     (kanji.grone.power);
117   tsu_render;
118 endtsuglyph;
119
120 % bou/mu "moo (cow sound)"
121 begintsuglyph("uni725F";95);
122   kanji.grnine.moo;
123   tsu_render;
124 endtsuglyph;
125

```

[see page 2314]



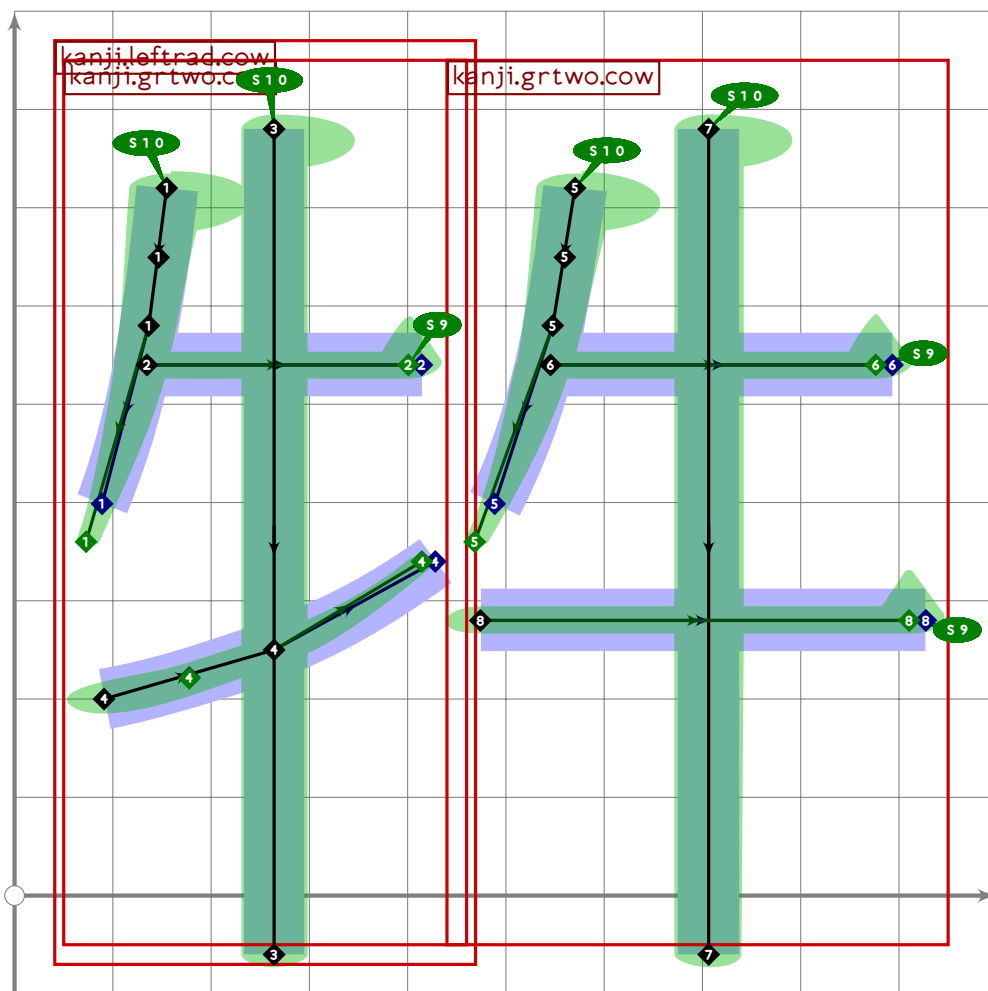
```

126 % extra
127 begintsuglyph("uni7260";96);
128   build_kanji.lr(450,20)
129   (kanji.leftrad.cow)
130   (kanji.grnine.to_be);
131   tsu_render;
132 endtsuglyph;
133
134 % bo/osu "male (animal)"
135 begintsuglyph("uni7261";97);
136   kanji.grnine.male;
137   tsu_render;
138 endtsuglyph;
139
140 % butsu/mono "thing"
141 begintsuglyph("uni7269";105);
142   kanji.grthree.thing;
143   tsu_render;
144 endtsuglyph;
145

```

[see page 2313]

[see page 585]



```

146 % extra
147 begintsuglyph("uni726A";106);
148   build_kanji.lr(450,20)
149     (kanji.leftrad.cow)
150     (kanji.grtwo.cow);
151   tsu_render;
152 endtsuglyph;
153
154 % inu "dog"
155 begintsuglyph("uni72AC";172);
156   kanji.grone.dog;
157   tsu_render;
158 endtsuglyph;
159
160
161
162 endfont;
163
164

```

[see page 422]

## tsuku-73.mp

```
1 %
2 % Unicode page 73 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---


41
42 % gyoku/tama "ball" or "precious"
43 begintsuglyph("uni7389",137); [see page 412]
44   kanji.grone.ball;
45   tsu_render;
46 endtsuglyph;
47
48 % ou "king"
49 begintsuglyph("uni738B",139); [see page 438]
50   kanji.grone.king;
51   tsu_render;
52 endtsuglyph;
53
54 

---


55
56 endfont;
57
58 

---


```

## tsuku-74.mp

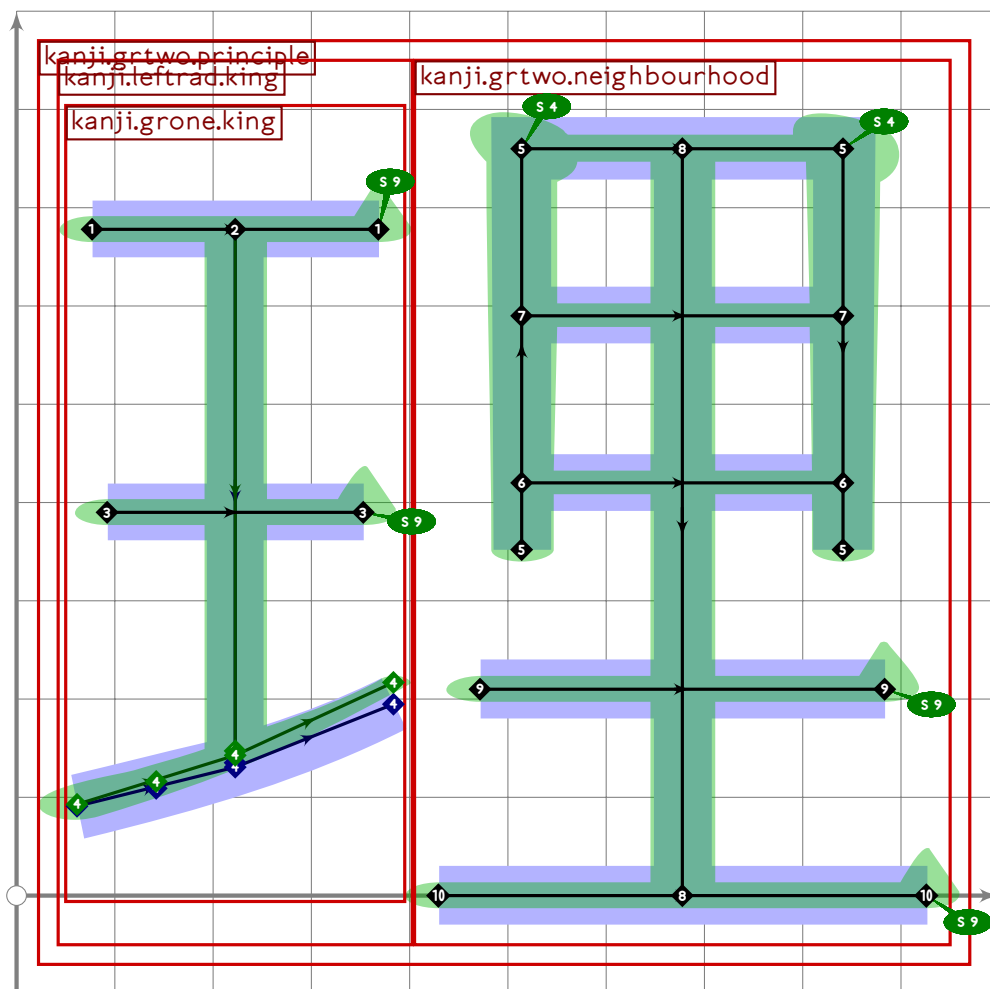
```
1 %
2 % Unicode page 74 (Kanji) for Tsukurimashou
3 % Copyright (C) 2011, 2012 Matthew Skala
4 %
5-29 [Standard copyright notice]
30
31 

---


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

---

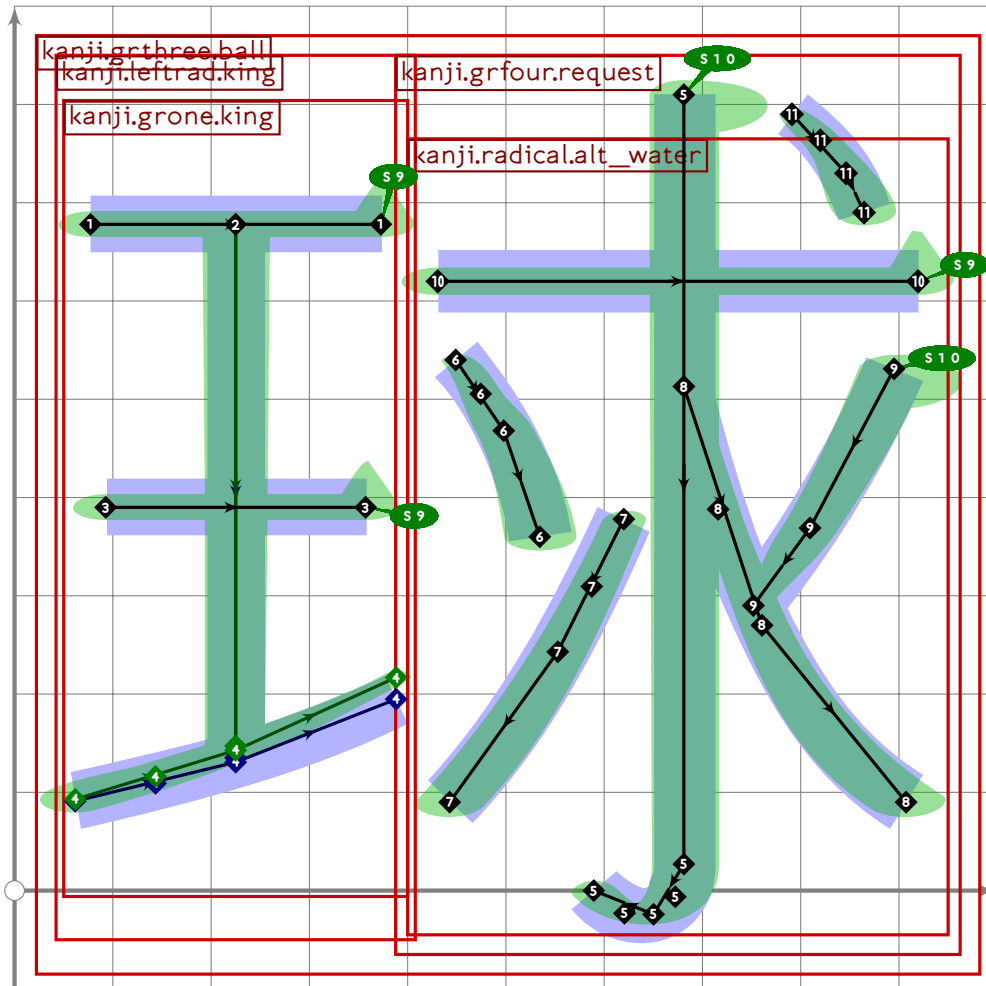

```



```

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

```



```

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

```

[see page 2323]

[see page 2322]

77 endtsuglyph;

78

79

---

80

81 endfont;

82

83

---

# tsuku-75.mp

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

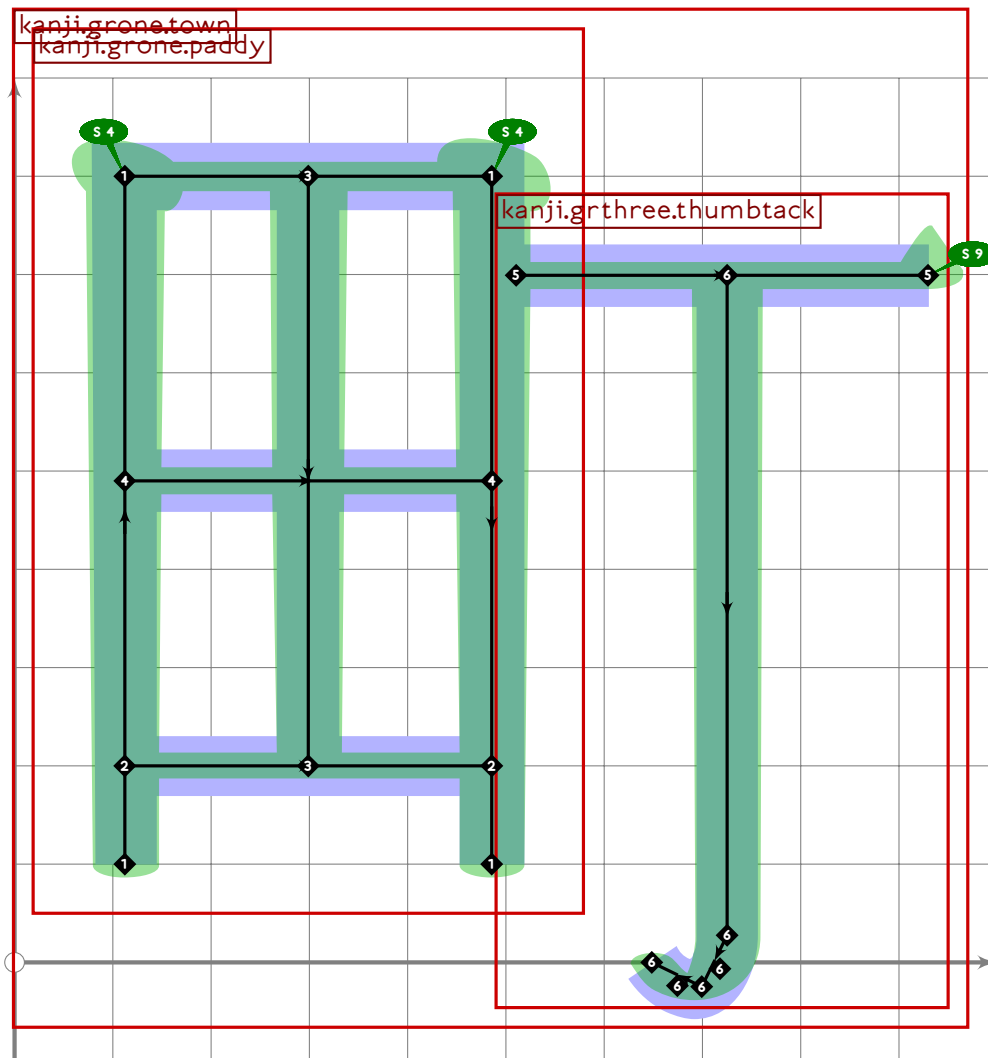
---


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

---


```

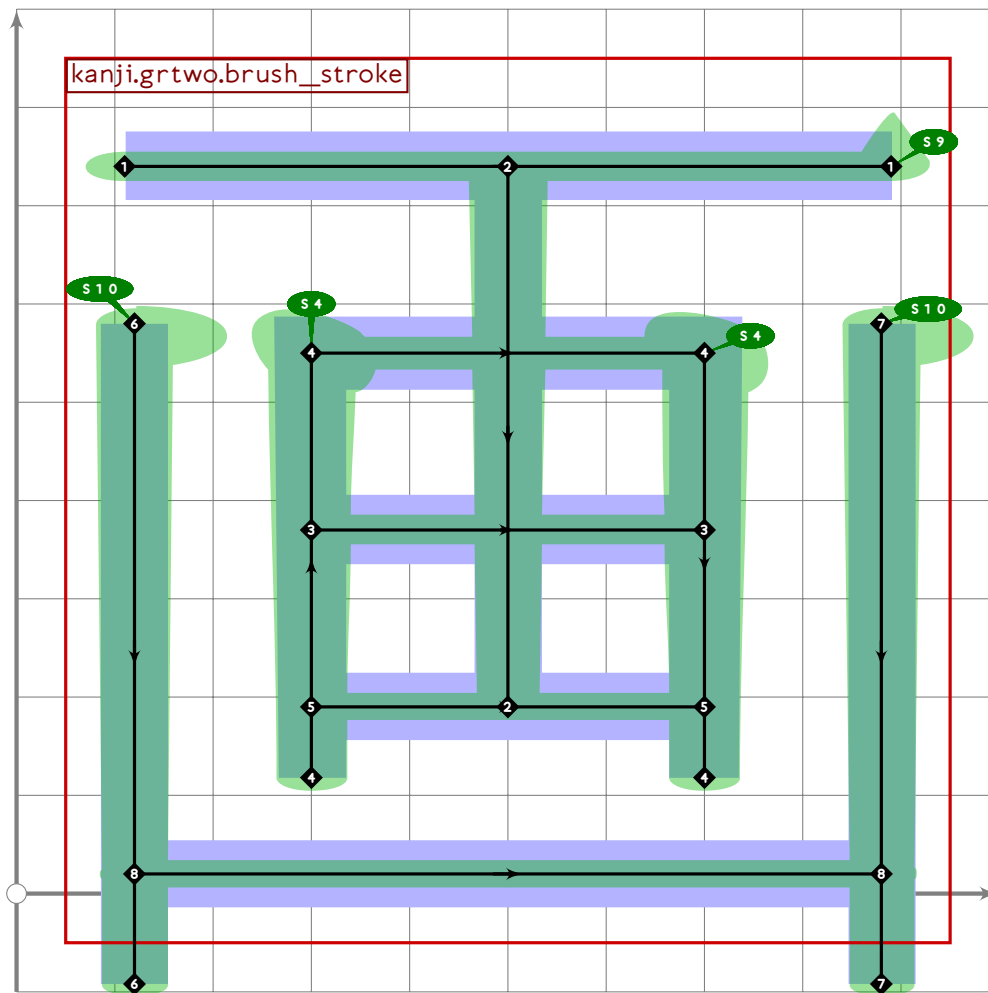
U+753A  
tsuku.uni753A



```

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

```

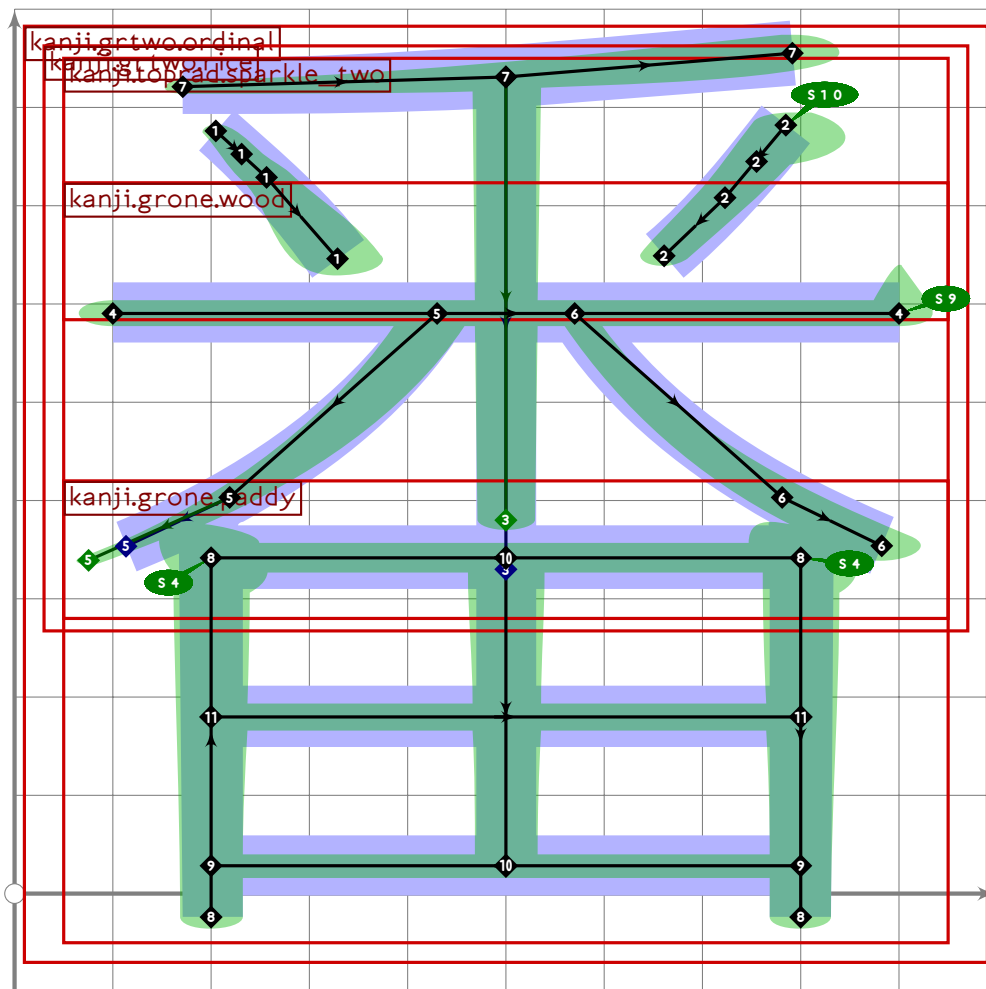


```

61
62 vardef kanji.grtwo.brush_stroke =
63   push_pbox_toexpand("kanji.grtwo.brush_stroke");
64   push_stroke((110,740)-(890,740),(1.6,1.6)-(1.6,1.6));
65   set_boserif(0,1,9);
66   push_stroke((500,740)-(500,190),
67     (1.6,1.6)-(1.4,1.4));
68   push_stroke((300,370)-(700,370),
69     (1.6,1.6)-(1.6,1.6));
70   build_kanji.box((300,550),(700,190));
71   build_kanji.cup((120,580),(880,20));
72   expand_pbox;
73 enddef;

```

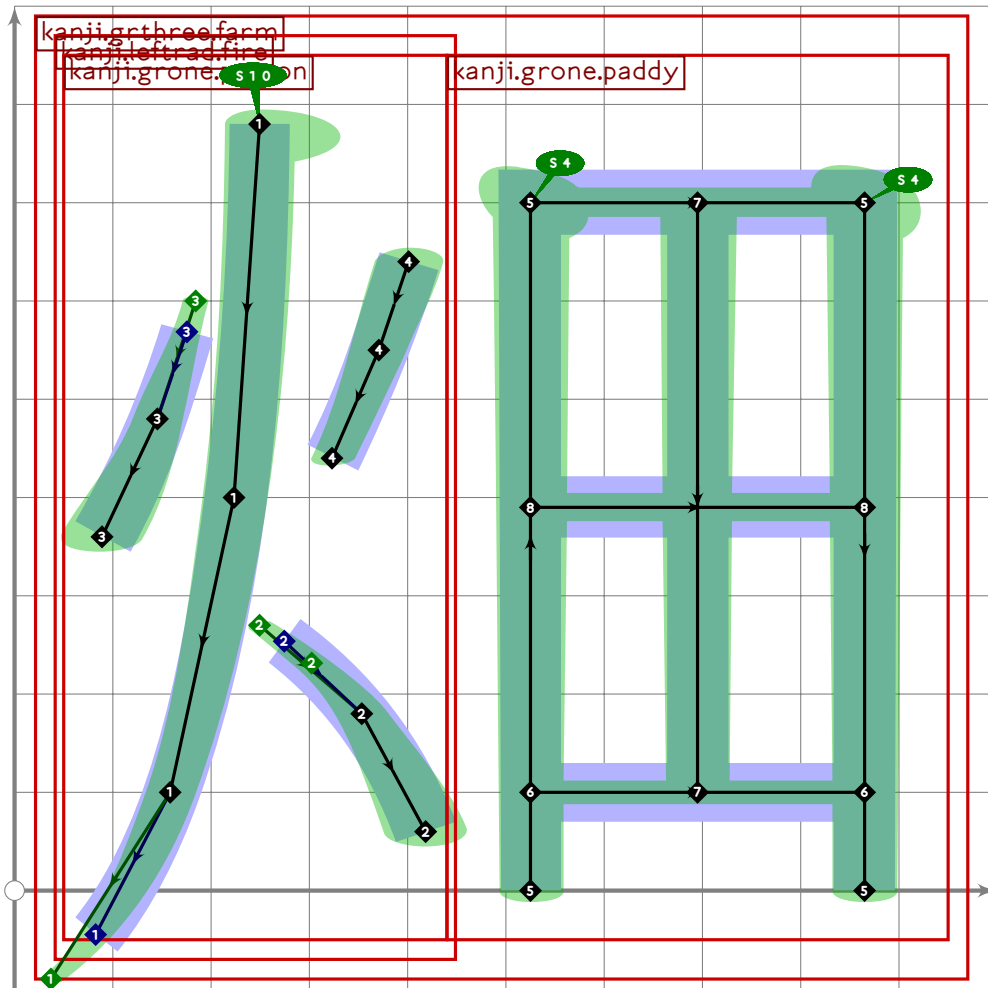
U+756A  
tsuku.uni756A



```

74
75 vardef kanji.grtwo.ordinal =
76   push_pbox_toexpand("kanji.grtwo.ordinal");
77   build_kanji.level(build_kanji.tb(350,140)
78     (build_kanji.spread_legs(140)(build_kanji.add_beret(
79       kanji.grtwo.rice)))
80     (kanji.grone.paddy));
81   replace_strokep(-8)((point 0 of oldp)-(500,330+50*mincho));
82   expand_pbox;
83 enddef;
84
85

```

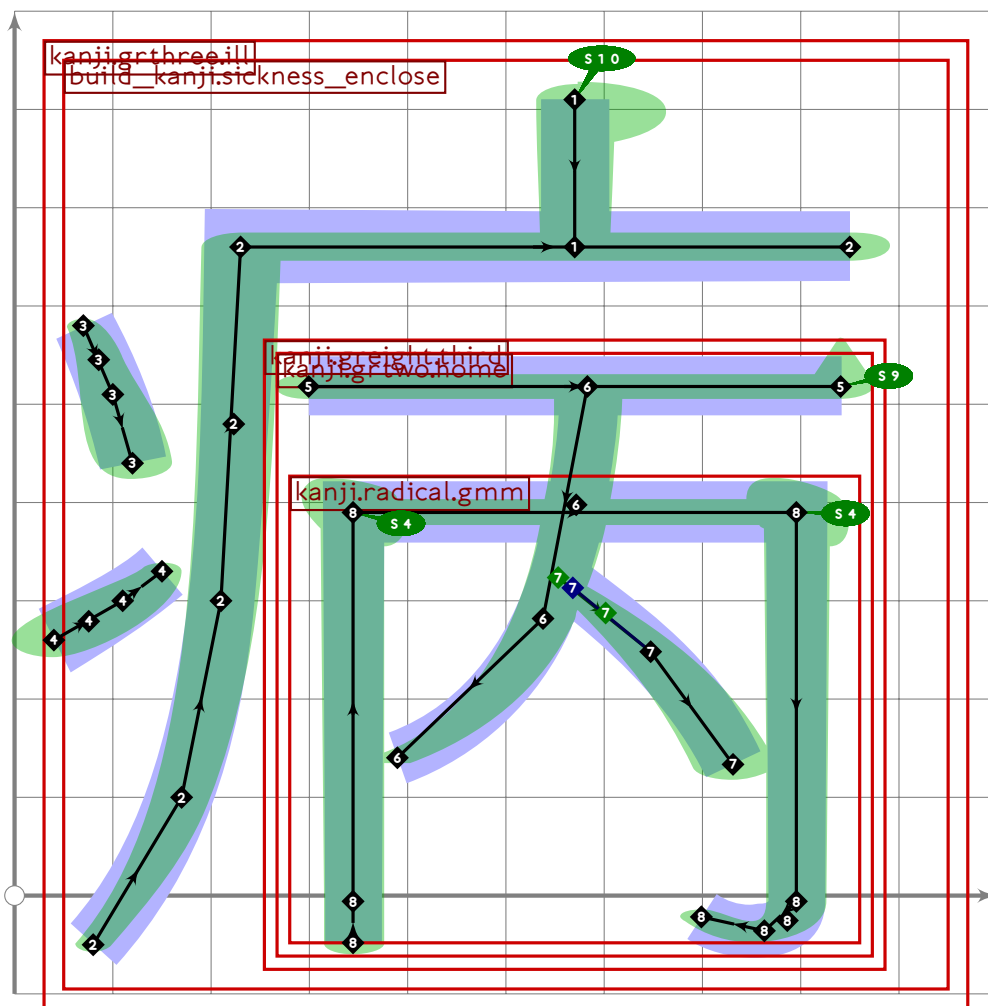


```

86
87 vardef kanji.grthree.farm =
88   push_pbox_toexpand("kanji.grthree.farm");
89   build_kanji.level(build_kanji.lr(440,0)
90     (kanji.leftrad.fire)
91     (kanji.grone.paddy));
92   expand_pbox;
93 enddef;

```

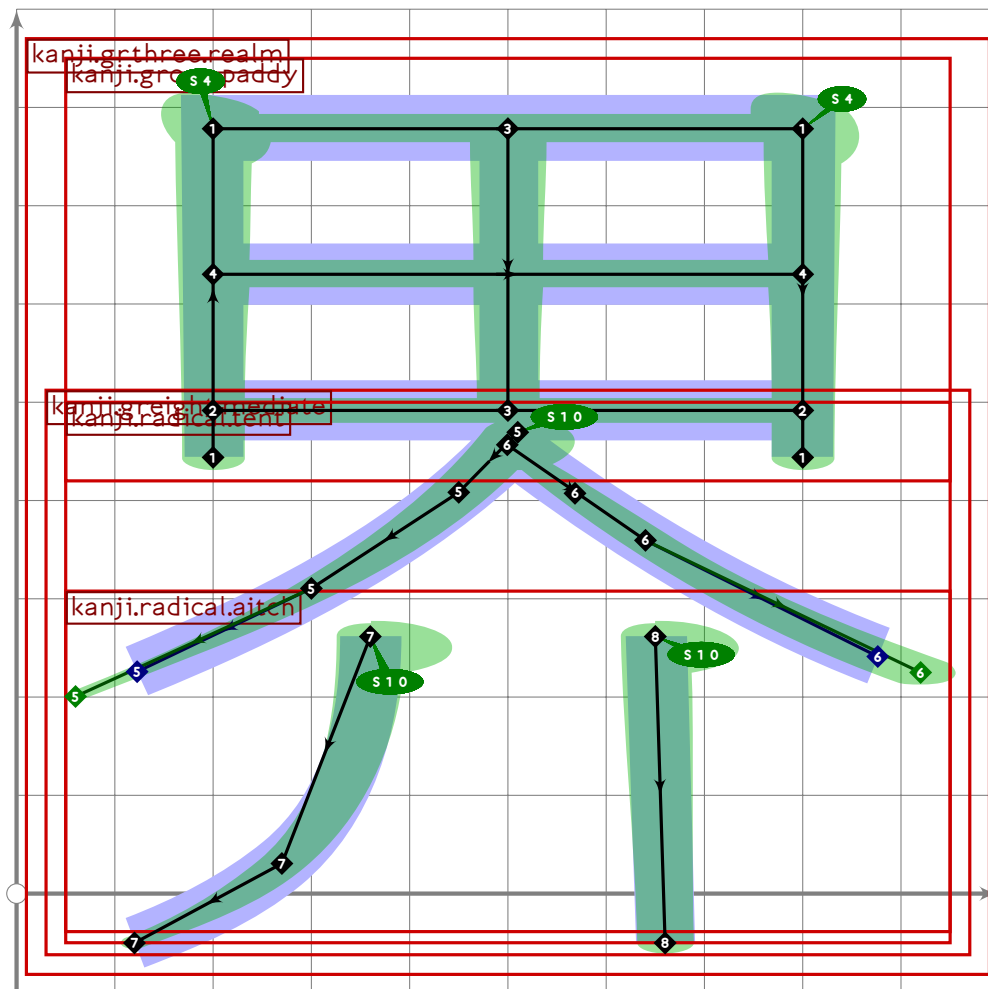
U+75C5  
tsuku.uni75C5



```

94
95 vardef kanji.grthree.ill =
96   push_pbox_toexpand("kanji.grthree.ill");
97   build_kanji.sickness_enclose(tsu_xform(identity yscaled 0.88)
98     (kanji.greight.third));
99   expand_pbox;
100 enddef;

```



```

101
102 vardef kanji.grthree.realm =
103   push_pbox_toexpand("kanji.grthree.realm");
104   build_kanji.level(build_kanji.tb(460,80)
105     (kanji.grone.paddy)
106     (kanji.greight.mediate));
107   expand_pbox;
108 enddef;
109
110
111
112 vardef build_kanji.sickness_enclose(text contents) =
113   push_pbox_toexpand("build_kanji.sickness_enclose");
114   perl_structure:=perl_structure&"eids.u2FF8.u7592.2_";
115   push_stroke((570,810)–(570,660),
116     (1,6,1,6)–(1,5,1,5));
117   set_boserif(0,0,10);
118   push_stroke(
119     (80,50)..(170,100)..(210,300)..tension 1.2..(230,660)–(850,660),
120     (1,1)–(1,3,1,3)–(1,5,1,5)–(1,6,1,6)–(1,6,1,6));
121   set_botip(0,3,1);

```

```

122 push_stroke((70,580)..tension 1.2..(100,510)..(120,440),
123   (1,1)-(14,14)-(1,6,1,6));
124 push_stroke((40,260)..tension 1.2..(110,300)..(150,330),
125   (1,7,1,7)-(1,5,1,5)-(1,1,1,1));
126 begingroup
127   save t;
128   transform t;
129   (50,-50) transformed t=(280,-60);
130   (500,-50) transformed t=(570,-60);
131   (500,850) transformed t=(570,630);
132   tsu_xform(t)(contents);
133 endgroup;
134 expand_pbox;
135 enddef;
136
137
138
139 % kan/ama "sweet"
140 begintsuglyph("uni7518",24); [see page 728]
141   kanji.greight.sweet;
142   tsu_render;
143 endtsuglyph;
144
145 % sei/ki "life"
146 begintsuglyph("uni751F",31); [see page 439]
147   kanji.grone.life;
148   tsu_render;
149 endtsuglyph;
150
151 % you/mochi "job"
152 begintsuglyph("uni7528",40); [see page 510]
153   kanji.grtwo.job;
154   tsu_render;
155 endtsuglyph;
156
157 % you "walled road"
158 begintsuglyph("uni752C",44); [see page 793]
159   kanji.rare.walled_road;
160   tsu_render;
161 endtsuglyph;
162
163 % ta "rice paddy"
164 begintsuglyph("uni7530",48); [see page 451]
165   kanji.grone.paddy;
166   tsu_render;
167 endtsuglyph;
168
169 % yu/yoshi "reason" or "cause"

```

170	begintsuglyph("uni7531";49);	[see page 582]
171	kanji.grthree.reason;	
172	tsu_render;	
173	endtsuglyph;	
174		
175	% shin/mou "have the honour to," "monkey zodiac sign," etc.	
176	begintsuglyph("uni7533";51);	[see page 568]
177	kanji.grthree.have_honour;	
178	tsu_render;	
179	endtsuglyph;	
180		
181	% otoko "man"	
182	begintsuglyph("uni7537";55);	[see page 441]
183	kanji.grone.man;	
184	tsu_render;	
185	endtsuglyph;	
186		
187	% chuu/machi "town"	
188	begintsuglyph("uni753A";58);	[see page 2326]
189	kanji.grone.town;	
190	tsu_render;	
191	endtsuglyph;	
192		
193	% ga/ega "brush stroke" (or "picture" but that is reserved)	
194	begintsuglyph("uni753B";59);	[see page 2327]
195	kanji.grtwo.brush_stroke;	
196	tsu_render;	
197	endtsuglyph;	
198		
199	% kai "realm" (actually "world" but that is a collision)	
200	begintsuglyph("uni754C";76);	[see page 2331]
201	kanji.grthree.realm;	
202	tsu_render;	
203	endtsuglyph;	
204		
205	% fuku "roll of cloth"	
206	begintsuglyph("uni7550";80);	[see page 786]
207	kanji.rare.roll_of_cloth;	
208	tsu_render;	
209	endtsuglyph;	
210		
211	% hata "farm"	
212	begintsuglyph("uni7551";81);	[see page 2329]
213	kanji.grthree.farm;	
214	tsu_render;	
215	endtsuglyph;	
216		
217	% ban/tsuga "ordinal number"	

U+7592  
tsuku.uni7592

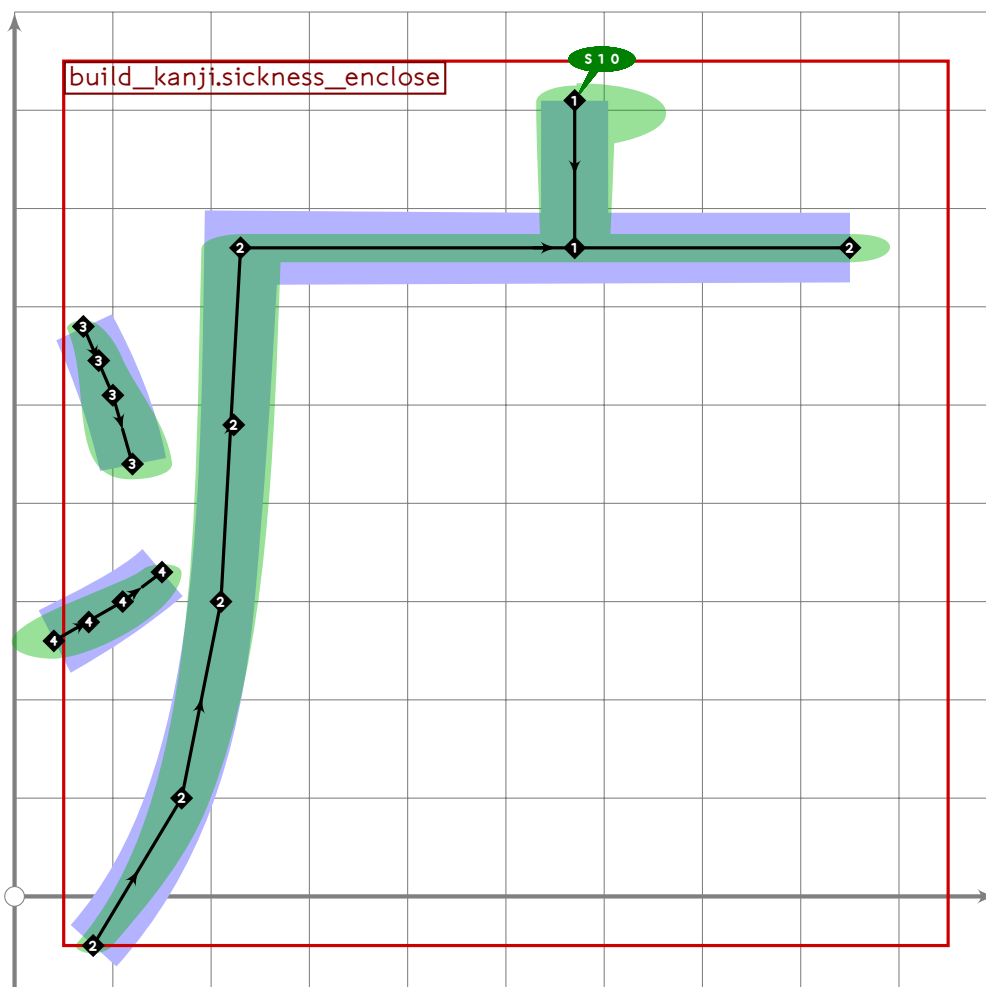
```

218 begintsuglyph("uni756A";106);
219   kanji.grtwo.ordinal;
220   tsu_render;
221 endtsuglyph;
222
223 % hiki/ashi "head" (counter for animals)
224 begintsuglyph("uni758B";139);
225   kanji.grnine.animal_counter;
226   tsu_render;
227 endtsuglyph;
228

```

[see page 2328]

[see page 734]



```

229 % extra: sickness enclosure radical
230 begintsuglyph("uni7592",146);
231   build_kanji.sickness_enclose();
232   tsu_render;
233 endtsuglyph;
234
235 % byou/ya "ill"
236 begintsuglyph("uni75C5",197);
237   kanji.grthree.ill;
238   tsu_render;

```

[see page 2330]

239 endtsuglyph;

240

241

---

242

243 endfont;

244

245

---